ATTACHMENT E

Semivolatiles Data- Method 8270

Semivolatiles QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2037999-2 Analysis Date : 03/09/25 13:03	**File ID**	: 037999-2
LCSD Sample ID	: WG2037999-3 Analysis Date : 03/09/25 13:29	**File ID**	: 037999-3

Parameter	Laboratory Control Sample True (ug/l)	Found (ug/l)	%R	Laboratory Control Duplicate True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	20	19.	96	20	21.	104	8	37-111	30
1,2,4-Trichlorobenzene	20	11.	56	20	14.	72	25	39-98	30
Hexachlorobenzene	20	17.	84	20	17.	87	4	40-140	30
Bis(2-chloroethyl)ether	20	21.	104	20	21.	104	0	40-140	30
2-Chloronaphthalene	20	16.	78	20	17.	87	11	40-140	30
1,2-Dichlorobenzene	20	12.	60	20	16.	78	26	40-140	30
1,3-Dichlorobenzene	20	11.	56	20	15.	74	28	40-140	30
1,4-Dichlorobenzene	20	11.	57	20	15.	75	27	36-97	30
3,3'-Dichlorobenzidine	20	17.	85	20	16.	78	9	40-140	30
2,4-Dinitrotoluene	20	21.	104	20	22.	111	7	48-143	30
2,6-Dinitrotoluene	20	18.	90	20	20.	100	11	40-140	30
Fluoranthene	20	23.	116	20	25.	126	8	40-140	30
4-Chlorophenyl phenyl ether	20	20.	100	20	21.	105	5	40-140	30
4-Bromophenyl phenyl ether	20	19.	93	20	20.	98	5	40-140	30
Bis(2-chloroisopropyl)ether	20	22.	112	20	24.	118	5	40-140	30
Bis(2-chloroethoxy)methane	20	23.	117	20	23.	115	2	40-140	30
Hexachlorobutadiene	20	8.7	43	20	13.	66	42 Q	40-140	30
Hexachlorocyclopentadiene	20	8.1	41	20	12.	58	34 Q	40-140	30
Hexachloroethane	20	10.	52	20	15.	75	36 Q	40-140	30
Isophorone	20	19.	96	20	20.	101	5	40-140	30
Naphthalene	20	15.	74	20	18.	90	20	40-140	30
Nitrobenzene	20	20.	98	20	21.	104	6	40-140	30
NDPA/DPA	20	21.	104	20	22.	109	5	40-140	30
n-Nitrosodi-n-propylamine	20	20.	101	20	21.	106	5	29-132	30
Bis(2-ethylhexyl)phthalate	20	26.	133	20	29.	143 Q	7	40-140	30
Butyl benzyl phthalate	20	24.	122	20	26.	132	8	40-140	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2037999-2 Analysis Date : 03/09/25 13:03	File ID	: 037999-2
LCSD Sample ID	: WG2037999-3 Analysis Date : 03/09/25 13:29	File ID	: 037999-3

Parameter	Laboratory Control Sample True (ug/l)	Found (ug/l)	%R	Laboratory Control Duplicate True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Di-n-butylphthalate	20	25.	125	20	27.	137	9	40-140	30
Di-n-octylphthalate	20	32.	160 Q	20	34.	168 Q	5	40-140	30
Diethyl phthalate	20	22.	111	20	24.	119	7	40-140	30
Dimethyl phthalate	20	18.	92	20	19.	97	5	40-140	30
Benzo(a)anthracene	20	24.	122	20	25.	126	3	40-140	30
Benzo(a)pyrene	20	26.	131	20	27.	136	4	40-140	30
Benzo(b)fluoranthene	20	26.	132	20	25.	125	5	40-140	30
Benzo(k)fluoranthene	20	25.	127	20	28.	141 Q	10	40-140	30
Chrysene	20	24.	120	20	25.	126	5	40-140	30
Acenaphthylene	20	18.	91	20	20.	100	9	45-123	30
Anthracene	20	22.	112	20	23.	116	4	40-140	30
Benzo(ghi)perylene	20	24.	121	20	26.	132	9	40-140	30
Fluorene	20	20.	102	20	22.	110	8	40-140	30
Phenanthrene	20	22.	108	20	22.	112	4	40-140	30
Dibenzo(a,h)anthracene	20	25.	125	20	26.	133	6	40-140	30
Indeno(1,2,3-cd)pyrene	20	27.	135	20	28.	138	2	40-140	30
Pyrene	20	23.	114	20	25.	123	8	26-127	30
Biphenyl	20	16.	82	20	18.	92	11	40-140	30
4-Chloroaniline	20	10.	53	20	11.	55	4	40-140	30
2-Nitroaniline	20	19.	93	20	21.	106	13	52-143	30
3-Nitroaniline	20	22.	108	20	23.	115	6	25-145	30
4-Nitroaniline	20	23.	116	20	24.	121	4	51-143	30
Dibenzofuran	20	20.	101	20	21.	106	5	40-140	30
2-Methylnaphthalene	20	14.	72	20	18.	88	20	40-140	30
1,2,4,5-Tetrachlorobenzene	20	14.	72	20	17.	86	18	2-134	30
Acetophenone	20	24.	122	20	26.	129	6	39-129	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number :**	**BSD1504**
Matrix (Level)	**: WATER (LOW)**		
LCS Sample ID	**: WG2037999-2 Analysis Date : 03/09/25 13:03**	**File ID**	**: 037999-2**
LCSD Sample ID	**: WG2037999-3 Analysis Date : 03/09/25 13:29**	**File ID**	**: 037999-3**

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
2,4,6-Trichlorophenol	20	19.	96	20	20.	98	2	30-130	30
p-Chloro-m-cresol	20	20.	102 Q	20	22.	112 Q	9	23-97	30
2-Chlorophenol	20	20.	102	20	21.	104	2	27-123	30
2,4-Dichlorophenol	20	20.	99	20	21.	104	5	30-130	30
2,4-Dimethylphenol	20	12.	60	20	10.	51	16	30-130	30
2-Nitrophenol	20	20.	99	20	21.	105	6	30-130	30
4-Nitrophenol	20	18.	90 Q	20	20.	102 Q	13	10-80	30
2,4-Dinitrophenol	20	23.	115	20	26.	128	11	20-130	30
4,6-Dinitro-o-cresol	20	22.	108	20	24.	118	9	20-164	30
Pentachlorophenol	20	19.	96	20	21.	104 Q	8	9-103	30
Phenol	20	12.	61	20	12.	62	2	12-110	30
2-Methylphenol	20	22.	111	20	22.	110	1	30-130	30
3-Methylphenol/4-Methylphenol	20	19.	93	20	18.	93	0	30-130	30
2,4,5-Trichlorophenol	20	20.	100	20	21.	107	7	30-130	30
Benzoic Acid	20	17.	87	20	17.	86	1	10-164	30
Benzyl Alcohol	20	21.	104	20	21.	107	3	26-116	30
Carbazole	20	23.	116	20	24.	122	5	55-144	30

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: P. W. Grosser
Project Name: ROANOKE SAND AND GRAVEL

Lab Number: L2511919
Project Number: BSD1504
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
2A (L2511919-01)	60	44	87	78	51	93	0
2B (L2511919-02)	60	43	88	73	51	91	0
3A (L2511919-04)	59	42	86	74	48	85	0
3B (L2511919-05)	71	49	88	80	60	84	0
4A (L2511919-07)	61	47	92	82	50	90	0
4B (L2511919-08)	52	39	85	80	48	85	0
WG2037999-1BLANK	51	36	80	70	48	87	0
WG2037999-2LCS	74	55	90	74	74	91	0
WG2037999-3LCSD	73	56	95	76	77	97	0

QC LIMITS

(21-120)	2FP = 2-FLUOROPHENOL
(10-120)	PHL = PHENOL-D6
(23-120)	NBZ = NITROBENZENE-D5
(15-120)	FBP = 2-FLUOROBIPHENYL
(10-120)	TBP = 2,4,6-TRIBROMOPHENOL
(41-149)	TPH = 4-TERPHENYL-D14

* Values outside of QC limits

FORM II NYTCL-8270-RVT

Method Blank Summary
Form 4
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Lab Sample ID	**: WG2037999-1**	**Lab File ID**	**: 037999-1**
Instrument ID	**: SV107**	**Extraction Date**	**: 03/08/25**
Matrix	**: WATER**	**Analysis Date**	**: 03/09/25 12:38**
Level	**: LOW**		

Client Sample No.	Lab Sample ID	Analysis Date
WG2037999-2LCS	WG2037999-2	03/09/25 13:03
WG2037999-3LCSD	WG2037999-3	03/09/25 13:29
2A	L2511919-01	03/09/25 13:54
2B	L2511919-02	03/09/25 14:20
3A	L2511919-04	03/09/25 14:45
3B	L2511919-05	03/09/25 17:18
4A	L2511919-07	03/09/25 17:43
4B	L2511919-08	03/09/25 18:08

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV107	Analysis Date	: 03/04/25 21:26
Tune Standard	: R1937231-31	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	32.4
68	Less than 2.0% of mass 69	0.5 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.1 (.5)1
127	10.0 - 80.0% of Base Peak	39.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	22.6
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	88.4
443	15.0 - 24.0% of mass 442	17.4 (19.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL9	R1937231-9	ABNL9	03/04/25 21:51
ABNL8	R1937231-8	ABNL8	03/04/25 22:16
ABNL7	R1937231-7	ABNL7	03/04/25 22:42
ABNL6	R1937231-6	ABNL6	03/04/25 23:07
ABNL5	R1937231-5	ABNL5	03/04/25 23:33
ABNL4	R1937231-4	ABNL4	03/04/25 23:58
ABNL3	R1937231-3	ABNL3	03/05/25 00:24
ABNL2	R1937231-2	ABNL2	03/05/25 00:49
ABNL1	R1937231-1	ABNL1	03/05/25 01:14
ABN ICV Quant Report	R1937231-28	ABNICV	03/05/25 03:47

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV107**	**Analysis Date**	**: 03/05/25 04:38**
Tune Standard	**: R1937231-32**	**Tune File ID**	**: Tune2_tune**

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	29.8
68	Less than 2.0% of mass 69	0.4 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.1 (.5)1
127	10.0 - 80.0% of Base Peak	39.4
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	23.1
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	94.3
443	15.0 - 24.0% of mass 442	18.6 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
AP9L9	R1937231-27	AP9L9	03/05/25 05:03
AP9L8	R1937231-26	AP9L8	03/05/25 05:29
AP9L7	R1937231-25	AP9L7	03/05/25 05:54
AP9L6	R1937231-24	AP9L6	03/05/25 06:20
AP9L5	R1937231-21	AP9L5	03/05/25 06:45
AP9L4	R1937231-22	AP9L4	03/05/25 07:11
AP9L3	R1937231-23	AP9L3	03/05/25 07:36
AP9L2	R1937231-20	AP9L2	03/05/25 08:02
AP9L1	R1937231-19	AP9L1	03/05/25 08:27
ADPL9	R1937231-18	ADPL9	03/05/25 08:53
ADPL8	R1937231-17	ADPL8	03/05/25 09:19
ADPL7	R1937231-16	ADPL7	03/05/25 09:44
ADPL6	R1937231-14	ADPL6	03/05/25 10:10
ADPL5	R1937231-15	ADPL5	03/05/25 10:35
ADPL4	R1937231-13	ADPL4	03/05/25 11:01
ADPL3	R1937231-11	ADPL3	03/05/25 11:27
ADPL2	R1937231-12	ADPL2	03/05/25 11:52
ADPL1	R1937231-10	ADPL1	03/05/25 12:18
AP9 ICV Quant Report	R1937231-30	AP9ICV	03/05/25 12:44
ADP ICV Quant Report	R1937231-29	ADPICV	03/05/25 13:09

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	:	P. W. Grosser	Lab Number	:	L2511919
Project Name	:	ROANOKE SAND AND GRAVEL	Project Number	:	BSD1504
Instrument ID	:	SV107	Analysis Date	:	03/09/25 10:56
Tune Standard	:	WG2038279-1	Tune File ID	:	DEG0309_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	33.3
68	Less than 2.0% of mass 69	0.5 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.1 (.5)1
127	10.0 - 80.0% of Base Peak	42
197	Less than 2.0% of mass 198	0.7
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	20.8
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	16.8
442	Base Peak, or >50% of mass 198	63.9
443	15.0 - 24.0% of mass 442	12.6 (19.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2038279-6TFACTOR-B	WG2038279-6	DEG0309	03/09/25 10:56
WG2038279-7TFACTOR-P	WG2038279-7	DEG0309	03/09/25 10:56
WG2038279-3CCAL	WG2038279-3	ABN0309	03/09/25 11:22
WG2038279-4CCAL	WG2038279-4	AP90309	03/09/25 11:47
WG2038279-5CCAL	WG2038279-5	ADP0309	03/09/25 12:13
WG2037999-1BLANK	WG2037999-1	037999-1	03/09/25 12:38
WG2037999-2LCS	WG2037999-2	037999-2	03/09/25 13:03
WG2037999-3LCSD	WG2037999-3	037999-3	03/09/25 13:29
2A	L2511919-01	11919-01	03/09/25 13:54
2B	L2511919-02	11919-02	03/09/25 14:20
3A	L2511919-04	11919-04	03/09/25 14:45
3B	L2511919-05	11919-05	03/09/25 17:18
4A	L2511919-07	11919-07	03/09/25 17:43
4B	L2511919-08	11919-08	03/09/25 18:08

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV107	**Analysis Date**	: 03/09/25 11:22:00
Sample No	: WG2038279-3	**Lab File ID**	: ABN0309

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2038279-3	98614	6.21	354239	7.65	210099	9.41
Upper Limit	197228	6.71	708478	8.15	420198	9.91
Lower Limit	49307	5.71	177120	7.15	105050	8.91
Sample ID						
WG2038279-4 CCAL	120276	6.21	418637	7.65	236989	9.41
WG2038279-5 CCAL	105330	6.21	-	-	211502	9.41
WG2037999-1 BLANK	73461	6.21	257551	7.65	143202	9.40
WG2037999-2 LCS	66383	6.21	238480	7.65	138969	9.41
WG2037999-3 LCSD	70640	6.21	248540	7.65	142767	9.41
2A	70847	6.21	250321	7.65	140564	9.40
2B	71114	6.21	252362	7.65	142593	9.41
3A	78723	6.21	275203	7.65	153475	9.41
3B	79225	6.21	269589	7.65	145389	9.41
4A	71489	6.21	248426	7.65	134162	9.40
4B	73776	6.21	256918	7.65	139353	9.40

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV107**	**Analysis Date**	**: 03/09/25 11:22:00**
Sample No	**: WG2038279-3**	**Lab File ID**	**: ABN0309**

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2038279-3	411555	10.84	416424	13.44	407947	14.90
Upper Limit	823110	11.34	832848	13.94	815894	15.40
Lower Limit	205778	10.34	208212	12.94	203974	14.40
Sample ID						
WG2038279-4 CCAL	436254	10.84	-	-	-	-
WG2038279-5 CCAL	444075	10.84	-	-	-	-
WG2037999-1 BLANK	279475	10.84	254620	13.44	267130	14.90
WG2037999-2 LCS	275292	10.84	248677	13.44	251958	14.90
WG2037999-3 LCSD	282677	10.84	265887	13.44	263812	14.90
2A	267597	10.84	253727	13.44	261859	14.90
2B	277153	10.84	253861	13.44	255808	14.90
3A	295130	10.84	236102	13.44	236088	14.90
3B	271488	10.84	214197	13.44	205399	14.90
4A	258836	10.84	209745	13.44	207369	14.90
4B	260326	10.84	209643	13.44	202756*	14.90

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

*** Values outside of QC limits**

Date Created: 03/07/23
Created By: Jason Hebert
File: PM14021-1
Page: 1

ABN Extractables - EPA 8270E (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 1000ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	2	1.06	ug/l	37-111	30	37-111	30	30			
Benzidine	92-87-5	20	8.14	ug/l	10-75	30	10-75	30	30			
1,2,4-Trichlorobenzene	120-82-1	5	0.581	ug/l	39-98	30	39-98	30	30			
Hexachlorobenzene	118-74-1	2	0.69	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethyl)ether	111-44-4	2	0.884	ug/l	40-140	30	40-140	30	30			
2-Chloronaphthalene	91-58-7	2	0.538	ug/l	40-140	30	40-140	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.636	ug/l	40-140	30	40-140	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.642	ug/l	40-140	30	40-140	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.463	ug/l	36-97	30	36-97	30	30			
3,3'-Dichlorobenzidine	91-94-1	5	0.854	ug/l	40-140	30	40-140	30	30			
2,4-Dinitrotoluene	121-14-2	5	0.382	ug/l	48-143	30	48-143	30	30			
2,6-Dinitrotoluene	606-20-2	5	0.368	ug/l	40-140	30	40-140	30	30			
Azobenzene	122-66-7	2	0.81	ug/l	40-140	30	40-140	30	30			
Fluoranthene	206-44-0	2	0.653	ug/l	40-140	30	40-140	30	30			
4-Chlorophenyl phenyl ether	7005-72-3	2	0.795	ug/l	40-140	30	40-140	30	30			
4-Bromophenyl phenyl ether	101-55-3	2	0.632	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroisopropyl)ether	108-60-1	2	1.75	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethoxy)methane	111-91-1	5	1.49	ug/l	40-140	30	40-140	30	30			
Hexachlorobutadiene	87-68-3	2	0.6	ug/l	40-140	30	40-140	30	30			
Hexachlorocyclopentadiene	77-47-4	20	0.606	ug/l	40-140	30	40-140	30	30			
Hexachloroethane	67-72-1	2	0.44	ug/l	40-140	30	40-140	30	30			
Isophorone	78-59-1	5	0.657	ug/l	40-140	30	40-140	30	30			
Naphthalene	91-20-3	2	0.669	ug/l	40-140	30	40-140	30	30			
Nitrobenzene	98-95-3	2	0.656	ug/l	40-140	30	40-140	30	30			
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6	2	0.65	ug/l	40-140	30	40-140	30	30			
n-Nitrosodi-n-propylamine	621-64-7	5	0.771	ug/l	29-132	30	29-132	30	30			
Bis(2-Ethylhexyl)phthalate	117-81-7	3	1.51	ug/l	40-140	30	40-140	30	30			
Butyl benzyl phthalate	85-68-7	5	2.18	ug/l	40-140	30	40-140	30	30			
Di-n-butylphthalate	84-74-2	5	0.58	ug/l	40-140	30	40-140	30	30			
Di-n-octylphthalate	117-84-0	5	2.39	ug/l	40-140	30	40-140	30	30			
Diethyl phthalate	84-66-2	5	4.3	ug/l	40-140	30	40-140	30	30			
Dimethyl phthalate	131-11-3	5	4.44	ug/l	40-140	30	40-140	30	30			
Benzo(a)anthracene	56-55-3	2	0.767	ug/l	40-140	30	40-140	30	30			
Benzo(a)pyrene	50-32-8	2	0.447	ug/l	40-140	30	40-140	30	30			
Benzo(b)fluoranthene	205-99-2	2	0.814	ug/l	40-140	30	40-140	30	30			
Benzo(k)fluoranthene	207-08-9	2	0.816	ug/l	40-140	30	40-140	30	30			
Chrysene	218-01-9	2	0.828	ug/l	40-140	30	40-140	30	30			
Acenaphthylene	208-96-8	2	0.59	ug/l	45-123	30	45-123	30	30			
Anthracene	120-12-7	2	0.79	ug/l	40-140	30	40-140	30	30			
Benzo(ghi)perylene	191-24-2	2	0.77	ug/l	40-140	30	40-140	30	30			
Fluorene	86-73-7	2	1.05	ug/l	40-140	30	40-140	30	30			
Phenanthrene	85-01-8	2	0.992	ug/l	40-140	30	40-140	30	30			

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Date Created: 03/07/23
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ABN Extractables - EPA 8270E (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 1000ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibenzo(a,h)anthracene	53-70-3	2	0.452	ug/l	40-140	30	40-140	30	30			
Indeno(1,2,3-cd)Pyrene	193-39-5	2	0.943	ug/l	40-140	30	40-140	30	30			
Pyrene	129-00-0	2	0.704	ug/l	26-127	30	26-127	30	30			
Biphenyl	92-52-4	2	0.635	ug/l	40-140	30	40-140	30	30			
Aniline	62-53-3	2	0.482	ug/l	40-140	30	40-140	30	30			
4-Chloroaniline	106-47-8	5	0.647	ug/l	40-140	30	40-140	30	30			
1-Methylnaphthalene	90-12-0	2	0.595	ug/l	41-103	30	41-103	30	30			
2-Nitroaniline	88-74-4	5	0.519	ug/l	52-143	30	52-143	30	30			
3-Nitroaniline	99-09-2	5	0.574	ug/l	25-145	30	25-145	30	30			
4-Nitroaniline	100-01-6	5	0.581	ug/l	51-143	30	51-143	30	30			
Dibenzofuran	132-64-9	2	0.823	ug/l	40-140	30	40-140	30	30			
2-Methylnaphthalene	91-57-6	2	0.677	ug/l	40-140	30	40-140	30	30			
n-Nitrosodimethylamine	62-75-9	2	0.524	ug/l	22-74	30	22-74	30	30			
2,4,6-Trichlorophenol	88-06-2	5	0.494	ug/l	30-130	30	30-130	30	30			
P-Chloro-M-Cresol	59-50-7	2	0.406	ug/l	23-97	30	23-97	30	30			
2-Chlorophenol	95-57-8	2	0.405	ug/l	27-123	30	27-123	30	30			
2,4-Dichlorophenol	120-83-2	5	0.527	ug/l	30-130	30	30-130	30	30			
2,4-Dimethylphenol	105-67-9	5	1.1	ug/l	30-130	30	30-130	30	30			
2-Nitrophenol	88-75-5	10	0.463	ug/l	30-130	30	30-130	30	30			
4-Nitrophenol	100-02-7	10	1.14	ug/l	10-80	30	10-80	30	30			
2,4-Dinitrophenol	51-28-5	20	3.55	ug/l	20-130	30	20-130	30	30			
4,6-Dinitro-o-cresol	534-52-1	10	5.42	ug/l	20-164	30	20-164	30	30			
Pentachlorophenol	87-86-5	10	1.95	ug/l	9-103	30	9-103	30	30			
Phenol	108-95-2	5	1.3	ug/l	12-110	30	12-110	30	30			
2-Methylphenol	95-48-7	5	1.1	ug/l	30-130	30	30-130	30	30			
3-Methylphenol/4-Methylphenol	106-44-5	5	0.55	ug/l	30-130	30	30-130	30	30			
2,4,5-Trichlorophenol	95-95-4	5	0.381	ug/l	30-130	30	30-130	30	30			
Benzoic Acid	65-85-0	50	12.9	ug/l	10-164	30	10-164	30	30			
Benzyl Alcohol	100-51-6	2	0.698	ug/l	26-116	30	26-116	30	30			
Carbazole	86-74-8	2	0.759	ug/l	55-144	30	55-144	30	30			
Pyridine	110-86-1	3.5	0.905	ug/l	10-66	30	10-66	30	30			
2-Fluorophenol	*367-12-4*									*21-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*15-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-120*		
4-Terphenyl-d14	*1718-51-0*									*41-149*		

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ABN Extractables - EPA 8270E (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Glass 250ml/8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	133.6	17.3012	ug/kg	31-137	50	31-137	50	50			
Benzidine	92-87-5	551.1	181.028	ug/kg	10-66	50	10-66	50	50			
1,2,4-Trichlorobenzene	120-82-1	167	19.1048	ug/kg	38-107	50	38-107	50	50			
Hexachlorobenzene	118-74-1	100.2	18.704	ug/kg	40-140	50	40-140	50	50			
Bis(2-chloroethyl)ether	111-44-4	150.3	22.6452	ug/kg	40-140	50	40-140	50	50			
2-Chloronaphthalene	91-58-7	167	16.5664	ug/kg	40-140	50	40-140	50	50			
1,2-Dichlorobenzene	95-50-1	167	29.9932	ug/kg	40-140	50	40-140	50	50			
1,3-Dichlorobenzene	541-73-1	167	28.724	ug/kg	40-140	50	40-140	50	50			
1,4-Dichlorobenzene	106-46-7	167	29.1582	ug/kg	28-104	50	28-104	50	50			
3,3'-Dichlorobenzidine	91-94-1	167	44.422	ug/kg	40-140	50	40-140	50	50			
2,4-Dinitrotoluene	121-14-2	167	33.4	ug/kg	40-132	50	40-132	50	50			
2,6-Dinitrotoluene	606-20-2	167	28.6572	ug/kg	40-140	50	40-140	50	50			
Azobenzene	122-66-7	167	16.032	ug/kg	40-140	50	40-140	50	50			
Fluoranthene	206-44-0	100.2	19.1716	ug/kg	40-140	50	40-140	50	50			
4-Chlorophenyl phenyl ether	7005-72-3	167	17.869	ug/kg	40-140	50	40-140	50	50			
4-Bromophenyl phenyl ether	101-55-3	167	25.4842	ug/kg	40-140	50	40-140	50	50			
Bis(2-chloroisopropyl)ether	108-60-1	200.4	28.5236	ug/kg	40-140	50	40-140	50	50			
Bis(2-chloroethoxy)methane	111-91-1	180.36	16.7334	ug/kg	40-117	50	40-117	50	50			
Hexachlorobutadiene	87-68-3	167	24.4488	ug/kg	40-140	50	40-140	50	50			
Hexachlorocyclopentadiene	77-47-4	477.62	151.302	ug/kg	40-140	50	40-140	50	50			
Hexachloroethane	67-72-1	133.6	27.0206	ug/kg	40-140	50	40-140	50	50			
Isophorone	78-59-1	150.3	21.6766	ug/kg	40-140	50	40-140	50	50			
Naphthalene	91-20-3	167	20.3406	ug/kg	40-140	50	40-140	50	50			
Nitrobenzene	98-95-3	150.3	24.716	ug/kg	40-140	50	40-140	50	50			
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6	133.6	19.0046	ug/kg	36-157	50	36-157	50	50			
n-Nitrosodi-n-propylamine	621-64-7	167	25.7848	ug/kg	32-121	50	32-121	50	50			
Bis(2-Ethylhexyl)phthalate	117-81-7	167	57.782	ug/kg	40-140	50	40-140	50	50			
Butyl benzyl phthalate	85-68-7	167	42.084	ug/kg	40-140	50	40-140	50	50			
Di-n-butylphthalate	84-74-2	167	31.6632	ug/kg	40-140	50	40-140	50	50			
Di-n-octylphthalate	117-84-0	167	56.78	ug/kg	40-140	50	40-140	50	50			
Diethyl phthalate	84-66-2	167	15.4642	ug/kg	40-140	50	40-140	50	50			
Dimethyl phthalate	131-11-3	167	35.07	ug/kg	40-140	50	40-140	50	50			
Benzo(a)anthracene	56-55-3	100.2	18.8042	ug/kg	40-140	50	40-140	50	50			
Benzo(a)pyrene	50-32-8	133.6	40.748	ug/kg	40-140	50	40-140	50	50			
Benzo(b)fluoranthene	205-99-2	100.2	28.1228	ug/kg	40-140	50	40-140	50	50			
Benzo(k)fluoranthene	207-08-9	100.2	26.72	ug/kg	40-140	50	40-140	50	50			
Chrysene	218-01-9	100.2	17.368	ug/kg	40-140	50	40-140	50	50			
Acenaphthylene	208-96-8	133.6	25.7848	ug/kg	40-140	50	40-140	50	50			
Anthracene	120-12-7	100.2	32.565	ug/kg	40-140	50	40-140	50	50			
Benzo(ghi)perylene	191-24-2	133.6	19.6392	ug/kg	40-140	50	40-140	50	50			
Fluorene	86-73-7	167	16.2324	ug/kg	40-140	50	40-140	50	50			
Phenanthrene	85-01-8	100.2	20.3072	ug/kg	40-140	50	40-140	50	50			

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ABN Extractables - EPA 8270E (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Glass 250ml/8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibenzo(a,h)anthracene	53-70-3	100.2	19.3052	ug/kg	40-140	50	40-140	50	50			
Indeno(1,2,3-cd)Pyrene	193-39-5	133.6	23.2798	ug/kg	40-140	50	40-140	50	50			
Pyrene	129-00-0	100.2	16.5998	ug/kg	35-142	50	35-142	50	50			
Biphenyl	92-52-4	380.76	21.71	ug/kg	37-127	50	37-127	50	50			
Aniline	62-53-3	200.4	78.824	ug/kg	40-140	50	40-140	50	50			
4-Chloroaniline	106-47-8	167	30.394	ug/kg	40-140	50	40-140	50	50			
1-Methylnaphthalene	90-12-0	167	19.372	ug/kg	26-130	50	26-130	50	50			
2-Nitroaniline	88-74-4	167	32.1976	ug/kg	47-134	50	47-134	50	50			
3-Nitroaniline	99-09-2	167	31.4962	ug/kg	26-129	50	26-129	50	50			
4-Nitroaniline	100-01-6	167	69.138	ug/kg	41-125	50	41-125	50	50			
Dibenzofuran	132-64-9	167	15.7982	ug/kg	40-140	50	40-140	50	50			
2-Methylnaphthalene	91-57-6	200.4	20.1736	ug/kg	40-140	50	40-140	50	50			
n-Nitrosodimethylamine	62-75-9	334	32.064	ug/kg	22-100	50	22-100	50	50			
2,4,6-Trichlorophenol	88-06-2	100.2	31.6632	ug/kg	30-130	50	30-130	50	50			
P-Chloro-M-Cresol	59-50-7	167	24.883	ug/kg	26-103	50	26-103	50	50			
2-Chlorophenol	95-57-8	167	19.7394	ug/kg	25-102	50	25-102	50	50			
2,4-Dichlorophenol	120-83-2	150.3	26.8536	ug/kg	30-130	50	30-130	50	50			
2,4-Dimethylphenol	105-67-9	167	55.11	ug/kg	30-130	50	30-130	50	50			
2-Nitrophenol	88-75-5	360.72	62.792	ug/kg	30-130	50	30-130	50	50			
4-Nitrophenol	100-02-7	233.8	68.136	ug/kg	11-114	50	11-114	50	50			
2,4-Dinitrophenol	51-28-5	801.6	77.822	ug/kg	4-130	50	4-130	50	50			
4,6-Dinitro-o-cresol	534-52-1	434.2	80.16	ug/kg	10-130	50	10-130	50	50			
Pentachlorophenol	87-86-5	133.6	36.74	ug/kg	17-109	50	17-109	50	50			
Phenol	108-95-2	167	25.217	ug/kg	26-90	50	26-90	50	50			
2-Methylphenol	95-48-7	167	25.885	ug/kg	30-130.	50	30-130.	50	50			
3-Methylphenol/4-Methylphenol	106-44-5	240.48	26.1522	ug/kg	30-130	50	30-130	50	50			
2,4,5-Trichlorophenol	95-95-4	167	31.9972	ug/kg	30-130	50	30-130	50	50			
Benzoic Acid	65-85-0	541.08	169.004	ug/kg	10-110	50	10-110	50	50			
Benzyl Alcohol	100-51-6	167	51.102	ug/kg	40-140	50	40-140	50	50			
Carbazole	86-74-8	167	16.2324	ug/kg	54-128	50	54-128	50	50			
Pyridine	110-86-1	180.36	63.46	ug/kg	10-93	50	10-93	50	50			
2-Fluorophenol	*367-12-4*									*25-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*30-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-136*		
4-Terphenyl-d14	*1718-51-0*									*18-120*		

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Semivolatile Sample Data

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-01	Date Collected	: 03/04/25 14:43
Client ID	: 2A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 13:54
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-01	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.6	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-01	Date Collected	: 03/04/25 14:43
Client ID	: 2A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 13:54
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-01	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-01	Date Collected	: 03/04/25 14:43
Client ID	: 2A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 13:54
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-01	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
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Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-02	Date Collected	: 03/04/25 14:40
Client ID	: 2B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 14:20
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-02	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	3.0	3.0	1.4	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-02	Date Collected	: 03/04/25 14:40
Client ID	: 2B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 14:20
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-02	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	2.9	5.0	0.35	J
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-02	Date Collected	: 03/04/25 14:40
Client ID	: 2B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 14:20
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-02	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-04	Date Collected	: 03/04/25 12:25
Client ID	: 3A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 14:45
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-04	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.8	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-04	Date Collected	: 03/04/25 12:25
Client ID	: 3A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 14:45
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-04	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-04	Date Collected	: 03/04/25 12:25
Client ID	: 3A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 14:45
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-04	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-05	Date Collected	: 03/04/25 12:45
Client ID	: 3B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 17:18
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-05	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.3	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-05	Date Collected	: 03/04/25 12:45
Client ID	: 3B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 17:18
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-05	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	ug/L RL	ug/L MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	3.0	5.0	0.92	J
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	0.72	5.0	0.35	J
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-05	Date Collected	: 03/04/25 12:45
Client ID	: 3B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 17:18
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-05	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-07	Date Collected	: 03/04/25 09:25
Client ID	: 4A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 17:43
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-07	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-07	Date Collected	: 03/04/25 09:25
Client ID	: 4A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 17:43
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-07	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-07	Date Collected	: 03/04/25 09:25
Client ID	: 4A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 17:43
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-07	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-08	Date Collected	: 03/04/25 10:10
Client ID	: 4B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 18:08
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-08	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.2	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-08	Date Collected	: 03/04/25 10:10
Client ID	: 4B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 18:08
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-08	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-08	Date Collected	: 03/04/25 10:10
Client ID	: 4B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 18:08
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 11919-08	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2037999-1	Date Collected	: NA
Client ID	: WG2037999-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/25 12:38
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 037999-1	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.40	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
118-74-1	Hexachlorobenzene	ND	2.0	0.45	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.35	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
206-44-0	Fluoranthene	ND	2.0	0.41	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
87-68-3	Hexachlorobutadiene	ND	2.0	0.36	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
67-72-1	Hexachloroethane	ND	2.0	0.20	U
78-59-1	Isophorone	ND	5.0	0.86	U
91-20-3	Naphthalene	ND	2.0	0.54	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2037999-1	Date Collected	: NA
Client ID	: WG2037999-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/25 12:38
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 037999-1	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.3	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
56-55-3	Benzo(a)anthracene	ND	2.0	0.32	U
50-32-8	Benzo(a)pyrene	ND	2.0	0.37	U
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.53	U
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.62	U
218-01-9	Chrysene	ND	2.0	0.22	U
208-96-8	Acenaphthylene	ND	2.0	0.32	U
120-12-7	Anthracene	ND	2.0	0.47	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.37	U
86-73-7	Fluorene	ND	2.0	0.44	U
85-01-8	Phenanthrene	ND	2.0	0.42	U
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.29	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.48	U
129-00-0	Pyrene	ND	2.0	0.41	U
92-52-4	Biphenyl	ND	2.0	0.20	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2037999-1	Date Collected	: NA
Client ID	: WG2037999-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/25 12:38
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 037999-1	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.37	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
87-86-5	Pentachlorophenol	ND	10	2.5	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2037999-1	Date Collected	: NA
Client ID	: WG2037999-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/25 12:38
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 037999-1	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-01.D
Acq On : 9 Mar 2025 1:54 pm
Operator : SV107:slr
Sample : L2511919-01,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 10 14:06:33 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	6.205	152	70847	4.000 ug/ml	0.00
Standard Area 1 = 98614			Recovery = 71.84%		
27) IS2_1,4-Dichlorobenzen...	6.205	152	70847	4.000 ug/ml	0.00
Standard Area 3 = 120276			Recovery = 58.90%		
35) IS1_Naphthalene-d8	7.646	136	250321	4.000 ug/ml	0.00
Standard Area 1 = 354239			Recovery = 70.66%		
55) IS2_Naphthalene-d8	7.646	136	250321	4.000 ug/ml	0.00
Standard Area 3 = 418637			Recovery = 59.79%		
63) IS1_Acenaphthene-d10	9.402	164	140564	4.000 ug/ml	0.00
Standard Area 1 = 210099			Recovery = 66.90%		
83) IS2_Acenaphthene-d10	9.402	164	140564	4.000 ug/ml	0.00
Standard Area 3 = 236989			Recovery = 59.31%		
86) IS3_Acenaphthene-d10	9.402	164	140564	4.000 ug/ml	0.00
Standard Area 2 = 211502			Recovery = 66.46%		
88) IS1_Phenanthrene-d10	10.837	188	267597	4.000 ug/ml	0.00
Standard Area 1 = 411555			Recovery = 65.02%		
100) IS3_Phenanthrene-d10	10.837	188	267597	4.000 ug/ml	# 0.00
Standard Area 2 = 444075			Recovery = 60.26%		
104) IS1_Chrysene-d12	13.442	240	253727	4.000 ug/ml	# 0.00
Standard Area 1 = 416424			Recovery = 60.93%		
113) IS1_Perylene-d12	14.895	264	261859	4.000 ug/ml	0.00
Standard Area 1 = 407947			Recovery = 64.19%		
System Monitoring Compounds					
4) 2-Fluorophenol	4.165	112	21406	1.190 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 59.50%		
7) Phenol-d6	5.848	99	19478	0.889 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 44.45%		
19) Nitrobenzene-d5	6.879	82	17255	0.865 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 86.50%		
46) 2-Fluorobiphenyl	8.777	172	48068	0.782 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 78.20%		
79) 2,4,6-Tribromophenol	10.175	330	7275	1.028 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 51.40%		
96) 4-Terphenyl-d14	12.407	244	59934	0.928 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 92.80%		

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-01.D
Acq On    :  9 Mar 2025   1:54 pm
Operator  : SV107:slr
Sample    : L2511919-01,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 10 14:06:33 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene	0.000		0	N.D.		
12) 1,2-Dichlorobenzene	0.000		0	N.D.		
13) Benzyl alcohol	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
37) Benzoic Acid	7.435	105	805	0.113	ug/ml	96
38) 4-Chloroaniline	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.		
53) 2,6-Dinitrotoluene	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-01.D
Acq On : 9 Mar 2025 1:54 pm
Operator : SV107:slr
Sample : L2511919-01,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 10 14:06:33 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
91) Carbazole	0.000		0	N.D.	
92) Di-n-butylphthalate	0.000		0	N.D. d	
97) Butyl benzyl phthalate	0.000		0	N.D.	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
108) Bis(2-ethylhexyl)phtha...	13.561	149	3640	0.255 ug/ml#	91
109) Di-n-octylphthalate	0.000		0	N.D. d	

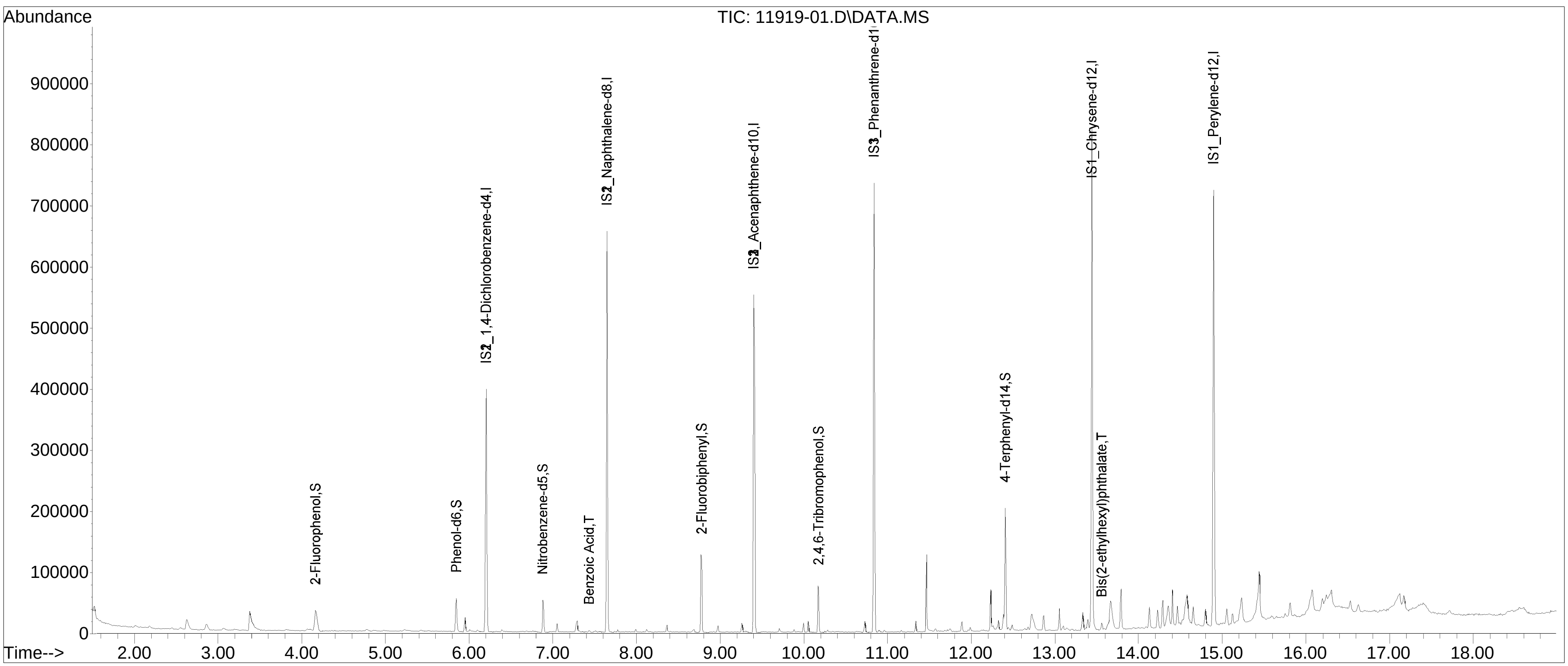
(#) = qualifier out of range (m) = manual integration (+) = signals summed

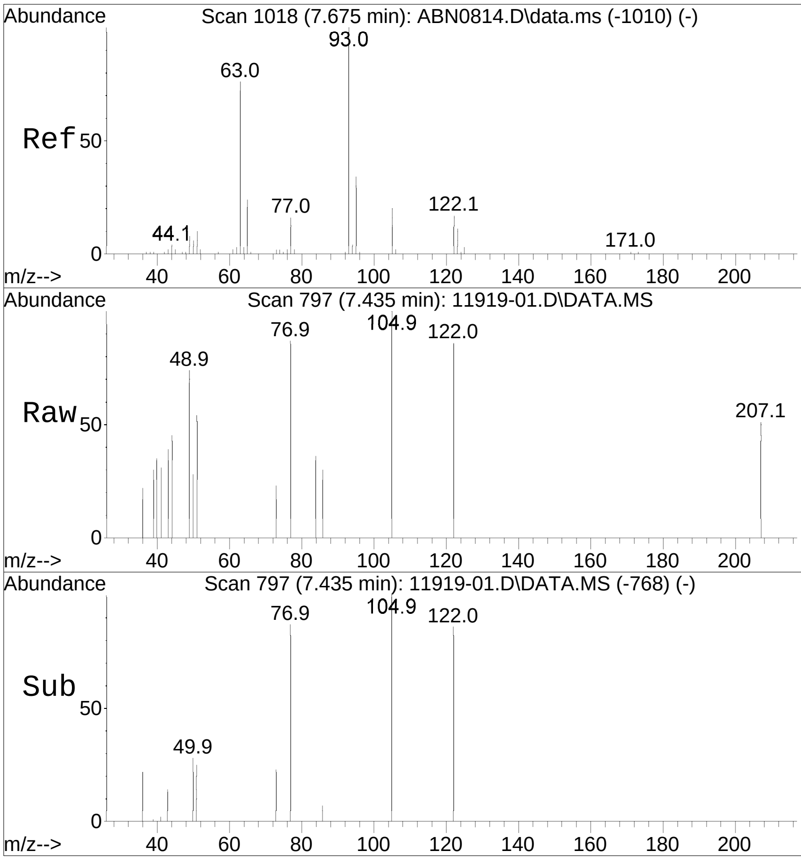
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-01.D
Acq On   : 9 Mar 2025   1:54 pm
Operator : SV107:slr
Sample   : L2511919-01,32,,cmm
Misc   : wg2038279,WG2037999,ical22052
ALS Vial : 4   Sample Multiplier: 1

Quant Time: Mar 10 14:06:33 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

Sub List   : 8270TCL_combo_REV1 - TCL/CT/MAP90309.D•

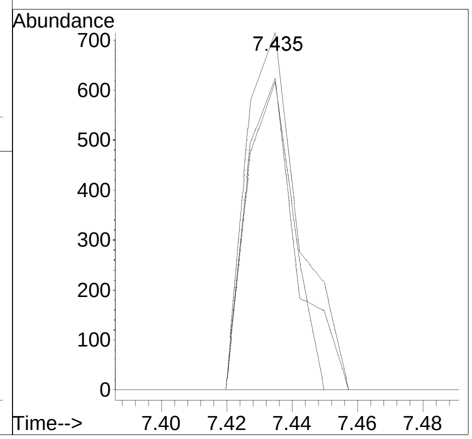


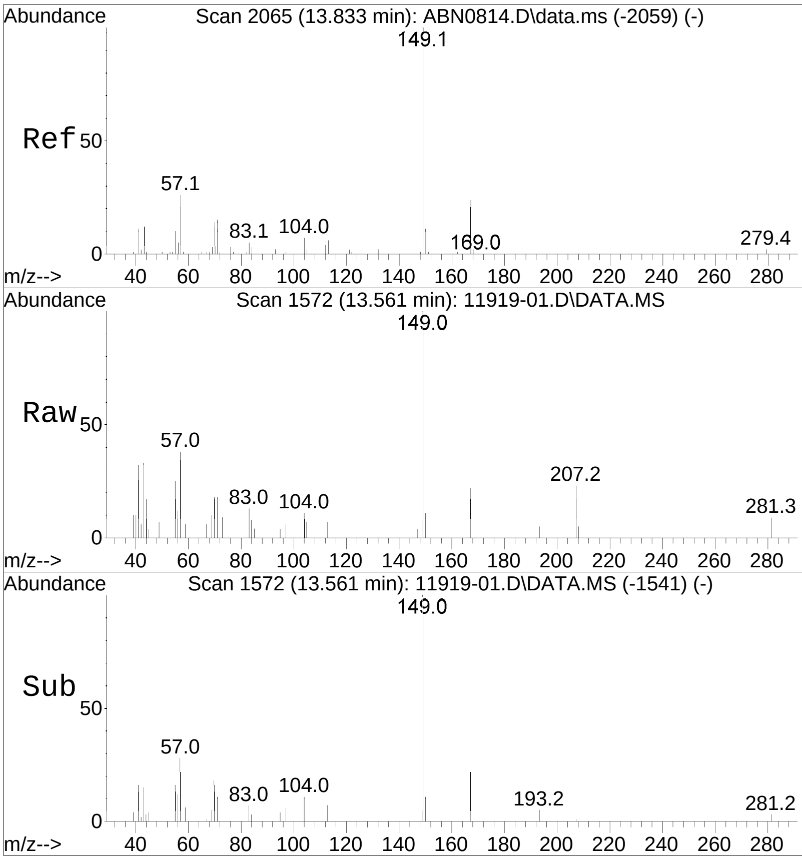


#37
Benzoic Acid
Concen: 0.11 ug/ml
RT: 7.435 min Scan# 797
Delta R.T. -0.030 min
Lab File: 11919-01.D
Acq: 9 Mar 2025 1:54 pm

Tgt Ion:105 Resp: 805

Ion	Ratio	Lower	Upper
105	100		
122	75.4	59.9	89.9
77	81.7	60.1	90.1

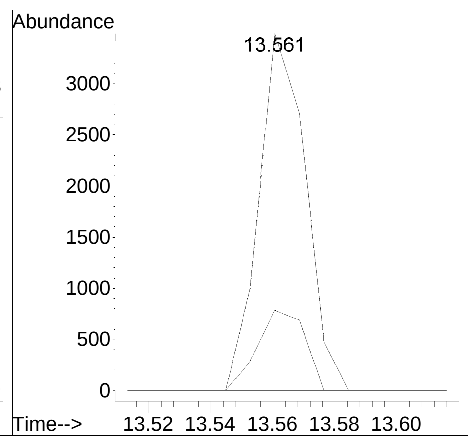




#108
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ug/ml
RT: 13.561 min Scan# 1572
Delta R.T. -0.008 min
Lab File: 11919-01.D
Acq: 9 Mar 2025 1:54 pm

Tgt Ion:149 Resp: 3640

Ion	Ratio	Lower	Upper
149	100		
167	22.9	22.1	33.1
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV107\250309RVTa\	QMethod	: FS250303SV107RVT.m
Data File	: 11919-01.D	Operator	: SV107:slr
Date Inj'd	: 3/9/2025 1:54 pm	Instrument	: SV107
Sample	: L2511919-01,32,,cmm	Quant Date	: 3/9/2025 2:14 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-02.D
Acq On    :  9 Mar 2025   2:20 pm
Operator  : SV107:slr
Sample    : L2511919-02,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Mar 10 14:07:42 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

```
        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.205  152     71114     4.000 ug/ml    0.00
   Standard Area 1 = 98614                Recovery   =   72.11%
27) IS2_1,4-Dichlorobenzen...   6.205  152     71114     4.000 ug/ml    0.00
   Standard Area 3 = 120276                Recovery   =   59.13%
35) IS1_Naphthalene-d8          7.646  136    252362     4.000 ug/ml    0.00
   Standard Area 1 = 354239                Recovery   =   71.24%
55) IS2_Naphthalene-d8          7.646  136    252362     4.000 ug/ml    0.00
   Standard Area 3 = 418637                Recovery   =   60.28%
63) IS1_Acenaphthene-d10        9.411  164    142593     4.000 ug/ml    0.00
   Standard Area 1 = 210099                Recovery   =   67.87%
83) IS2_Acenaphthene-d10        9.411  164    142593     4.000 ug/ml    0.00
   Standard Area 3 = 236989                Recovery   =   60.17%
86) IS3_Acenaphthene-d10        9.411  164    142593     4.000 ug/ml    0.00
   Standard Area 2 = 211502                Recovery   =   67.42%
88) IS1_Phenanthrene-d10       10.837  188    277153     4.000 ug/ml    0.00
   Standard Area 1 = 411555                Recovery   =   67.34%
100) IS3_Phenanthrene-d10      10.837  188    277153     4.000 ug/ml  # 0.00
   Standard Area 2 = 444075                Recovery   =   62.41%
104) IS1_Chrysene-d12          13.442  240    253861     4.000 ug/ml  # 0.00
   Standard Area 1 = 416424                Recovery   =   60.96%
113) IS1_Perylene-d12          14.895  264    255808     4.000 ug/ml    0.00
   Standard Area 1 = 407947                Recovery   =   62.71%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.165  112     21694     1.202 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   60.10%
 7) Phenol-d6                   5.848   99     19121     0.869 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   43.45%
19) Nitrobenzene-d5             6.879   82     17617     0.880 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   88.00%
46) 2-Fluorobiphenyl            8.777  172     44921     0.725 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   72.50%
79) 2,4,6-Tribromophenol       10.175  330      7278     1.014 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   50.70%
96) 4-Terphenyl-d14            12.407  244     61138     0.914 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   91.40%
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-02.D
Acq On : 9 Mar 2025 2:20 pm
Operator : SV107:slr
Sample : L2511919-02,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 14:07:42 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	5.865	94	7220	0.292 ug/ml#	90
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
37) Benzoic Acid	7.435	105	1775	0.249 ug/ml	88
38) 4-Chloroaniline	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D.	
53) 2,6-Dinitrotoluene	0.000		0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	0.000		0	N.D.	
68) 2,4-Dinitrotoluene	0.000		0	N.D.	
69) 4-Nitrophenol	0.000		0	N.D.	
72) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-02.D
Acq On : 9 Mar 2025 2:20 pm
Operator : SV107:slr
Sample : L2511919-02,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 14:07:42 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74)	4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75)	4-Nitroaniline	0.000		0	N.D.	
76)	4,6-Dinitro-o-cresol	0.000		0	N.D.	
77)	NDPA/DPA	0.000		0	N.D.	
80)	4-Bromophenyl phenyl e...	0.000		0	N.D.	
91)	Carbazole	0.000		0	N.D.	
92)	Di-n-butylphthalate	0.000		0	N.D. d	
97)	Butyl benzyl phthalate	0.000		0	N.D.	
106)	3,3'-Dichlorobenzidine	0.000		0	N.D.	
108)	Bis(2-ethylhexyl)phtha...	13.560	149	5536	0.297 ug/ml#	93
109)	Di-n-octylphthalate	0.000		0	N.D. d	

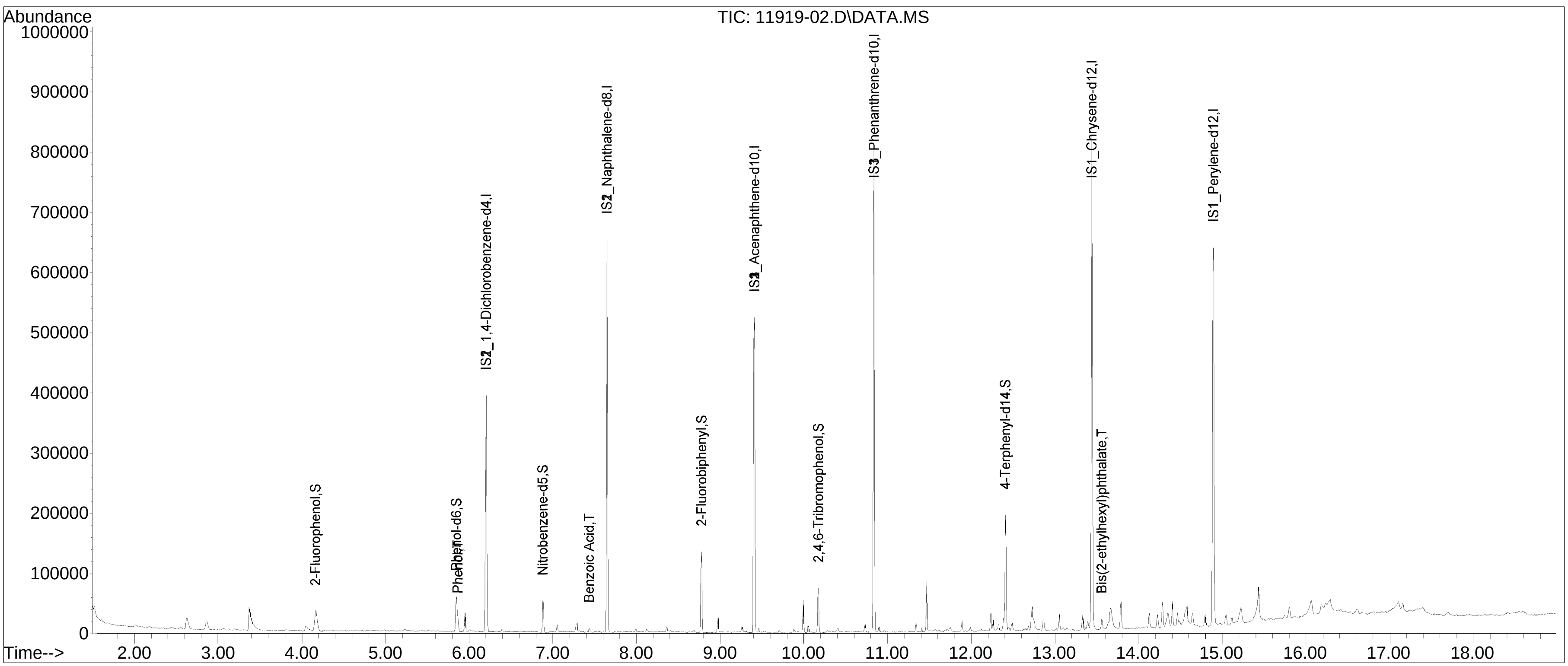
(#) = qualifier out of range (m) = manual integration (+) = signals summed

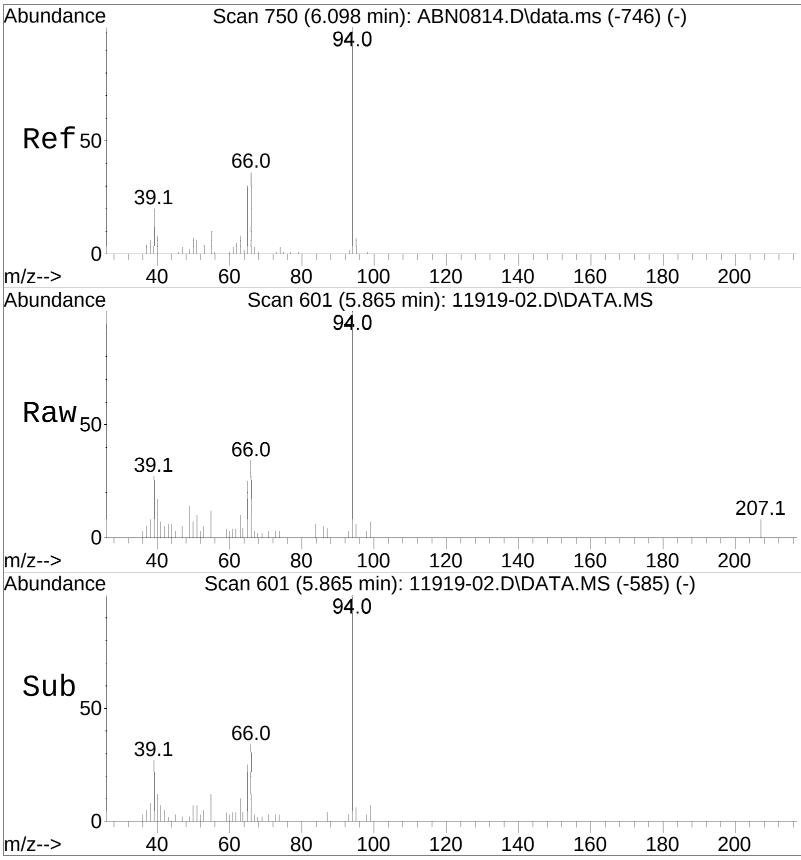
Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-02.D
Acq On    :  9 Mar 2025   2:20 pm
Operator  : SV107:slr
Sample    : L2511919-02,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Mar 10 14:07:42 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

Sub List     : 8270TCL_combo_REV1 - TCL/CT/MAP90309.D•
```

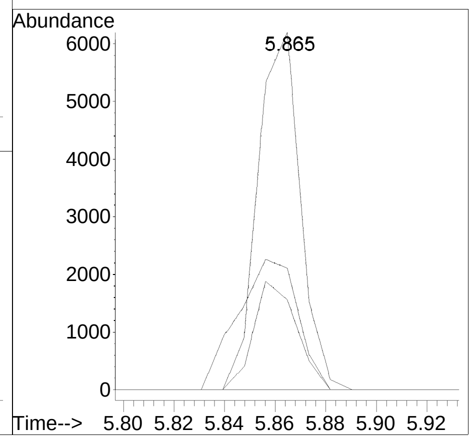


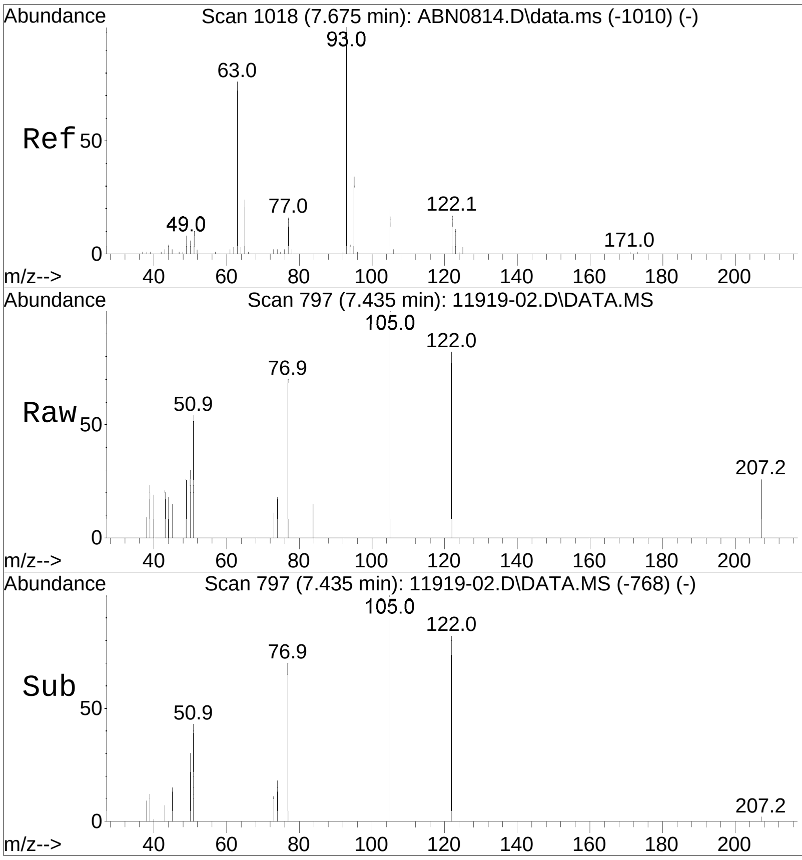


#8
Phenol
Concen: 0.29 ug/ml
RT: 5.865 min Scan# 601
Delta R.T. 0.008 min
Lab File: 11919-02.D
Acq: 9 Mar 2025 2:20 pm

Tgt Ion: 94 Resp: 7220

Ion	Ratio	Lower	Upper
94	100		
65	30.7	26.0	39.0
66	51.8	33.8	50.8#

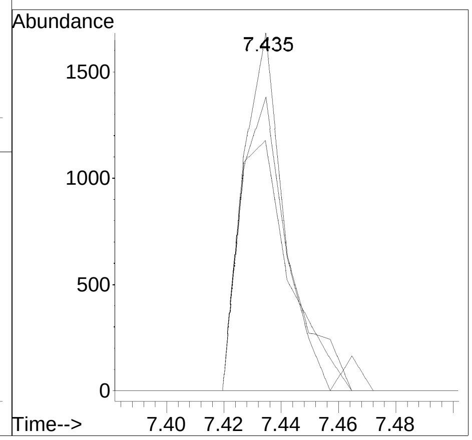


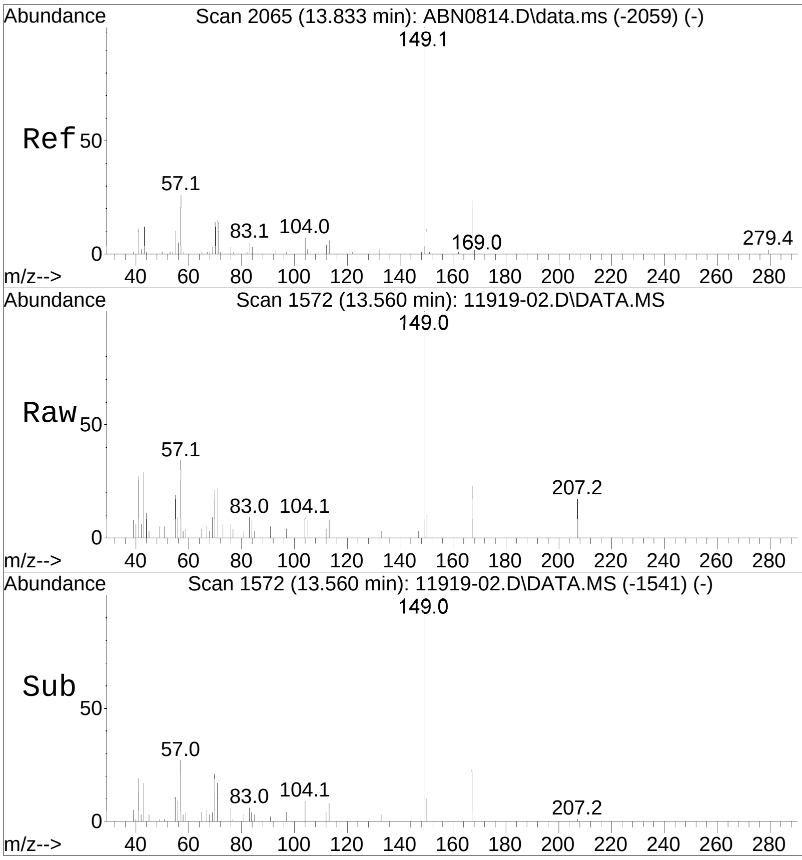


#37
Benzoic Acid
Concen: 0.25 ug/ml
RT: 7.435 min Scan# 797
Delta R.T. -0.030 min
Lab File: 11919-02.D
Acq: 9 Mar 2025 2:20 pm

Tgt Ion:105 Resp: 1775

Ion	Ratio	Lower	Upper
105	100		
122	88.1	59.9	89.9
77	82.6	60.1	90.1

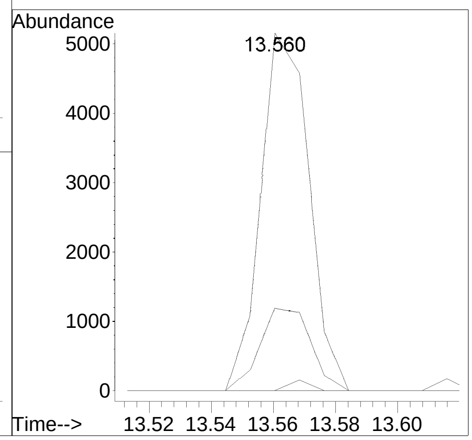




#108
Bis(2-ethylhexyl)phthalate
Concen: 0.30 ug/ml
RT: 13.560 min Scan# 1572
Delta R.T. -0.008 min
Lab File: 11919-02.D
Acq: 9 Mar 2025 2:20 pm

Tgt Ion:149 Resp: 5536

Ion	Ratio	Lower	Upper
149	100		
167	24.4	22.1	33.1
279	0.0	3.0	4.4#



Manual Integration Report

```
Data Path   : I:\8270\SV107\250309RVTa\ QMethod     : FS250303SV107RVT.m
Data File   : 11919-02.D                Operator    : SV107:slr
Date Inj'd  : 3/9/2025  2:20 pm         Instrument  : SV107
Sample      : L2511919-02,32,,cmm       Quant Date  : 3/9/2025  2:39 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-04.D
Acq On    :  9 Mar 2025   2:45 pm
Operator  : SV107:slr
Sample    : L2511919-04,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 10 14:08:46 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

       Compound                    R.T. QIon  Response  Conc Units Dev(Min)
---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.205  152     78723     4.000 ug/ml    0.00
   Standard Area 1 = 98614                Recovery   =   79.83%
27) IS2_1,4-Dichlorobenzen...   6.205  152     78723     4.000 ug/ml    0.00
   Standard Area 3 = 120276                Recovery   =   65.45%
35) IS1_Naphthalene-d8          7.646  136    275203     4.000 ug/ml    0.00
   Standard Area 1 = 354239                Recovery   =   77.69%
55) IS2_Naphthalene-d8          7.646  136    275203     4.000 ug/ml    0.00
   Standard Area 3 = 418637                Recovery   =   65.74%
63) IS1_Acenaphthene-d10        9.412  164    153475     4.000 ug/ml    0.00
   Standard Area 1 = 210099                Recovery   =   73.05%
83) IS2_Acenaphthene-d10        9.412  164    153475     4.000 ug/ml    0.00
   Standard Area 3 = 236989                Recovery   =   64.76%
86) IS3_Acenaphthene-d10        9.412  164    153475     4.000 ug/ml    0.00
   Standard Area 2 = 211502                Recovery   =   72.56%
88) IS1_Phenanthrene-d10       10.837  188    295130     4.000 ug/ml    0.00
   Standard Area 1 = 411555                Recovery   =   71.71%
100) IS3_Phenanthrene-d10      10.837  188    295130     4.000 ug/ml  # 0.00
   Standard Area 2 = 444075                Recovery   =   66.46%
104) IS1_Chrysene-d12          13.442  240    236102     4.000 ug/ml  # 0.00
   Standard Area 1 = 416424                Recovery   =   56.70%
113) IS1_Perylene-d12          14.895  264    236088     4.000 ug/ml    0.00
   Standard Area 1 = 407947                Recovery   =   57.87%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.165  112     23493     1.175 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   58.75%
 7) Phenol-d6                   5.839   99     20334     0.835 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   41.75%
19) Nitrobenzene-d5             6.879   82     19156     0.864 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   86.40%
46) 2-Fluorobiphenyl            8.777  172     49670     0.735 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   73.50%
79) 2,4,6-Tribromophenol       10.175  330      7358     0.952 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   47.60%
96) 4-Terphenyl-d14            12.407  244     60440     0.849 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   84.90%
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-04.D
Acq On : 9 Mar 2025 2:45 pm
Operator : SV107:slr
Sample : L2511919-04,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 10 14:08:46 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene	0.000		0	N.D.		
12) 1,2-Dichlorobenzene	0.000		0	N.D.		
13) Benzyl alcohol	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
37) Benzoic Acid	7.435	105	1790	0.230	ug/ml	95
38) 4-Chloroaniline	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.		
53) 2,6-Dinitrotoluene	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-04.D
Acq On : 9 Mar 2025 2:45 pm
Operator : SV107:slr
Sample : L2511919-04,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 10 14:08:46 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
91) Carbazole	0.000		0	N.D.	
92) Di-n-butylphthalate	0.000		0	N.D. d	
97) Butyl benzyl phthalate	0.000		0	N.D.	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
108) Bis(2-ethylhexyl)phtha...	13.560	149	4651	0.285 ug/ml#	98
109) Di-n-octylphthalate	0.000		0	N.D. d	

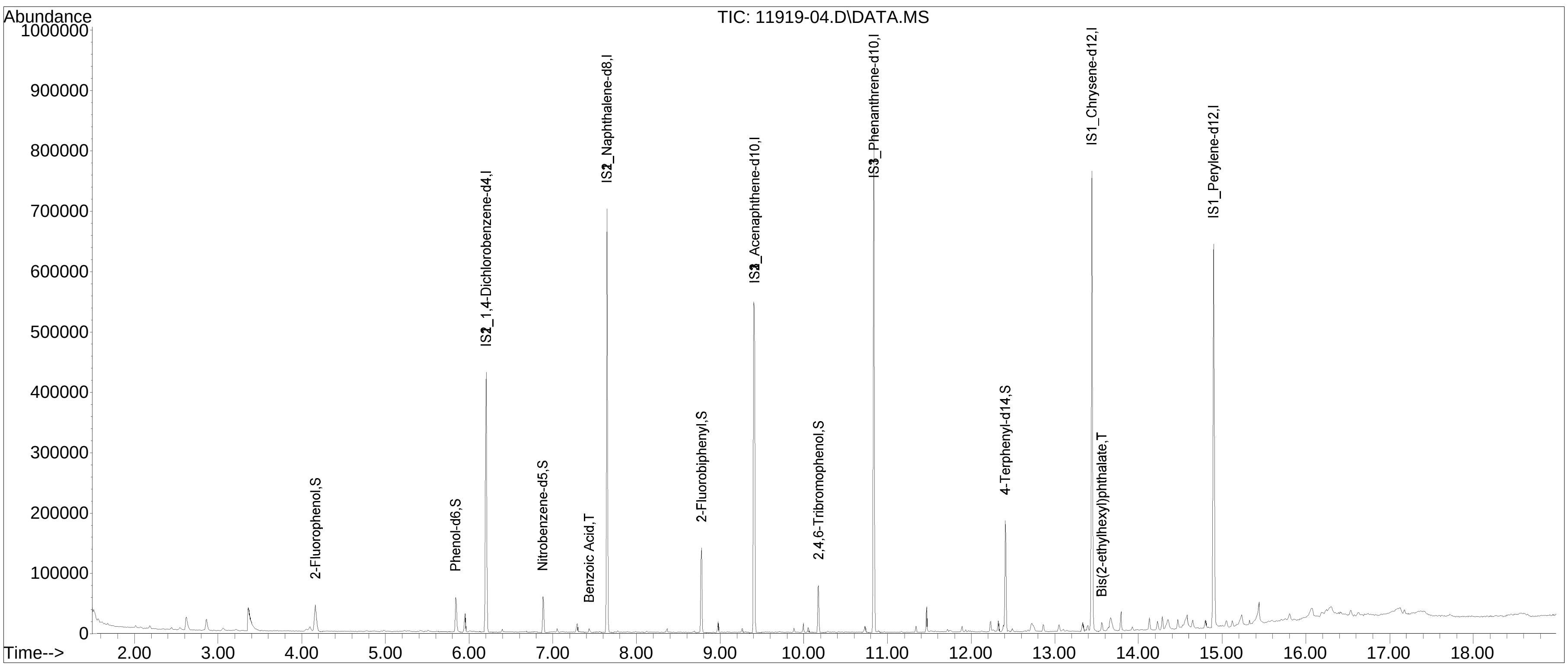
(#) = qualifier out of range (m) = manual integration (+) = signals summed

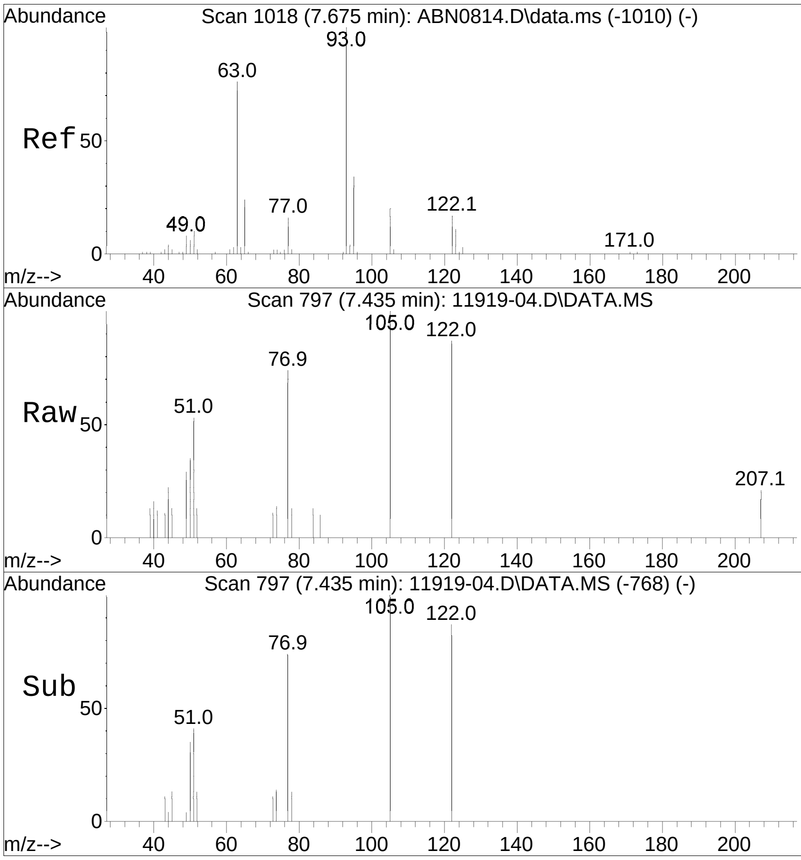
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-04.D
Acq On : 9 Mar 2025 2:45 pm
Operator : SV107:slr
Sample : L2511919-04,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 10 14:08:46 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MAP90309.D•

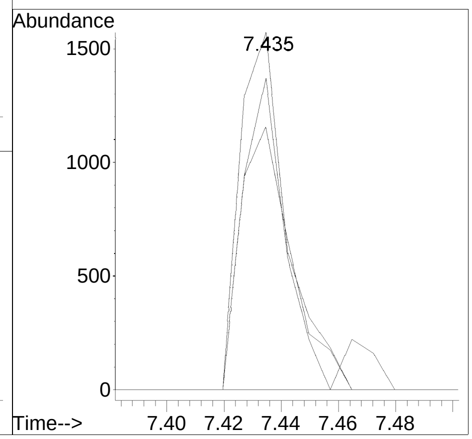


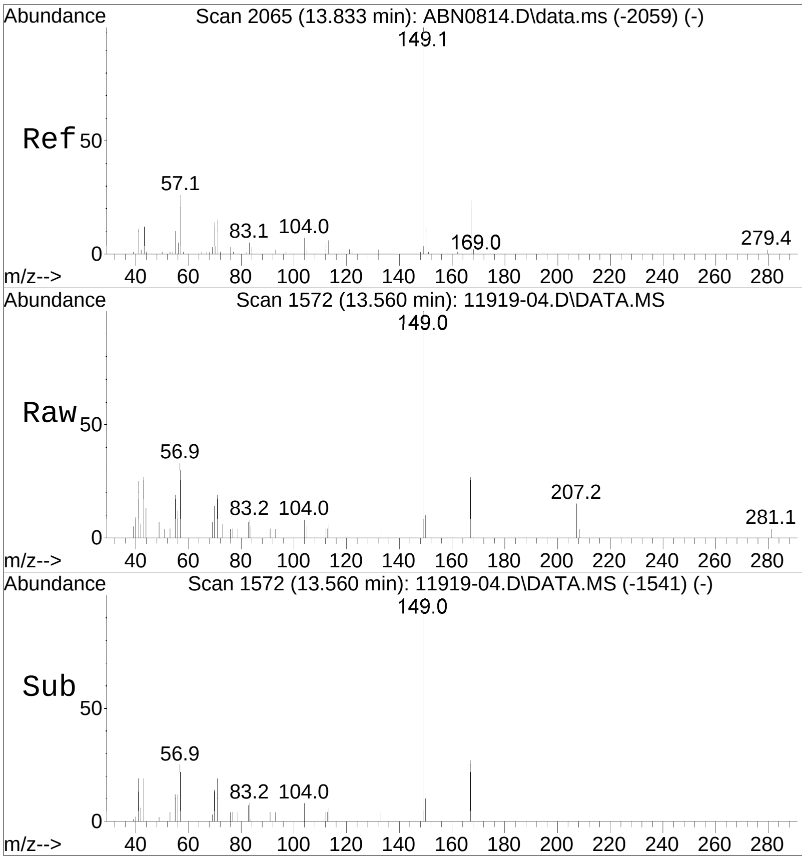


#37
Benzoic Acid
Concen: 0.23 ug/ml
RT: 7.435 min Scan# 797
Delta R.T. -0.030 min
Lab File: 11919-04.D
Acq: 9 Mar 2025 2:45 pm

Tgt Ion:105 Resp: 1790

Ion	Ratio	Lower	Upper
105	100		
122	78.4	59.9	89.9
77	79.9	60.1	90.1

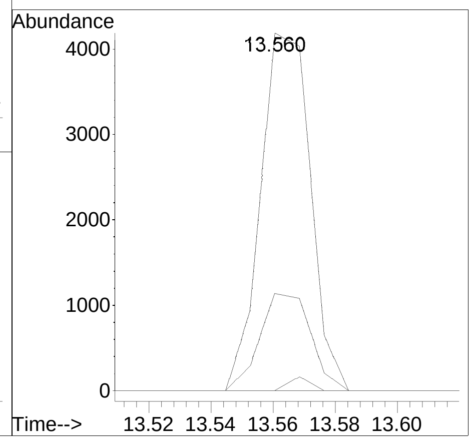




#108
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ug/ml
RT: 13.560 min Scan# 1572
Delta R.T. -0.008 min
Lab File: 11919-04.D
Acq: 9 Mar 2025 2:45 pm

Tgt Ion:149 Resp: 4651

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV107\250309RVTa\	QMethod	: FS250303SV107RVT.m
Data File	: 11919-04.D	Operator	: SV107:slr
Date Inj'd	: 3/9/2025 2:45 pm	Instrument	: SV107
Sample	: L2511919-04,32,,cmm	Quant Date	: 3/9/2025 3:05 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-05.D
Acq On : 9 Mar 2025 5:18 pm
Operator : SV107:slr
Sample : L2511919-05,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 10 14:10:03 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	6.205	152	79225	4.000 ug/ml	0.00
Standard Area 1 = 98614			Recovery =	80.34%	
27) IS2_1,4-Dichlorobenzen...	6.205	152	79225	4.000 ug/ml	0.00
Standard Area 3 = 120276			Recovery =	65.87%	
35) IS1_Naphthalene-d8	7.646	136	269589	4.000 ug/ml	0.00
Standard Area 1 = 354239			Recovery =	76.10%	
55) IS2_Naphthalene-d8	7.646	136	269589	4.000 ug/ml	0.00
Standard Area 3 = 418637			Recovery =	64.40%	
63) IS1_Acenaphthene-d10	9.412	164	145389	4.000 ug/ml	0.00
Standard Area 1 = 210099			Recovery =	69.20%	
83) IS2_Acenaphthene-d10	9.412	164	145389	4.000 ug/ml	0.00
Standard Area 3 = 236989			Recovery =	61.35%	
86) IS3_Acenaphthene-d10	9.412	164	145389	4.000 ug/ml	0.00
Standard Area 2 = 211502			Recovery =	68.74%	
88) IS1_Phenanthrene-d10	10.837	188	271488	4.000 ug/ml	0.00
Standard Area 1 = 411555			Recovery =	65.97%	
100) IS3_Phenanthrene-d10	10.837	188	271488	4.000 ug/ml	# 0.00
Standard Area 2 = 444075			Recovery =	61.14%	
104) IS1_Chrysene-d12	13.442	240	214197	4.000 ug/ml	# 0.00
Standard Area 1 = 416424			Recovery =	51.44%	
113) IS1_Perylene-d12	14.903	264	205399	4.000 ug/ml	0.00
Standard Area 1 = 407947			Recovery =	50.35%	
System Monitoring Compounds					
4) 2-Fluorophenol	4.165	112	28692	1.426 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	71.30%	
7) Phenol-d6	5.840	99	24056	0.981 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	49.05%	
19) Nitrobenzene-d5	6.879	82	19697	0.883 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	88.30%	
46) 2-Fluorobiphenyl	8.777	172	53071	0.802 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	80.20%	
79) 2,4,6-Tribromophenol	10.175	330	8722	1.192 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	59.60%	
96) 4-Terphenyl-d14	12.415	244	54861	0.838 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	83.80%	

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-05.D
Acq On : 9 Mar 2025 5:18 pm
Operator : SV107:slr
Sample : L2511919-05,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 10 14:10:03 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	5.857	94	1973	0.072 ug/ml#	33
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	6.721	105	8738	0.300 ug/ml#	83
37) Benzoic Acid	7.435	105	1529	0.201 ug/ml	93
38) 4-Chloroaniline	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D. d	
53) 2,6-Dinitrotoluene	0.000		0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	0.000		0	N.D.	
68) 2,4-Dinitrotoluene	0.000		0	N.D.	
69) 4-Nitrophenol	0.000		0	N.D.	
72) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-05.D
Acq On : 9 Mar 2025 5:18 pm
Operator : SV107:slr
Sample : L2511919-05,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 10 14:10:03 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
91) Carbazole	0.000		0	N.D.	
92) Di-n-butylphthalate	0.000		0	N.D. d	
97) Butyl benzyl phthalate	0.000		0	N.D.	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
108) Bis(2-ethylhexyl)phtha...	13.569	149	1946	0.226 ug/ml#	87
109) Di-n-octylphthalate	0.000		0	N.D. d	

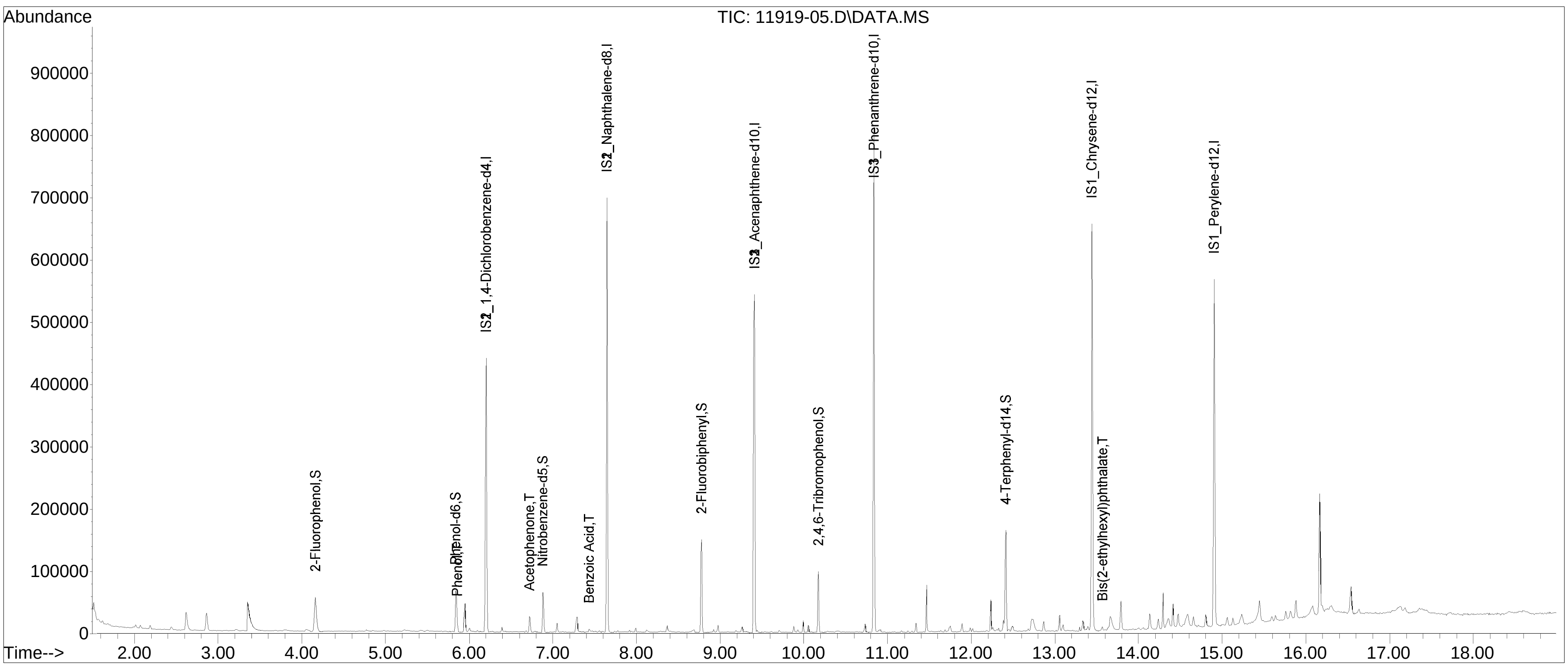
(#) = qualifier out of range (m) = manual integration (+) = signals summed

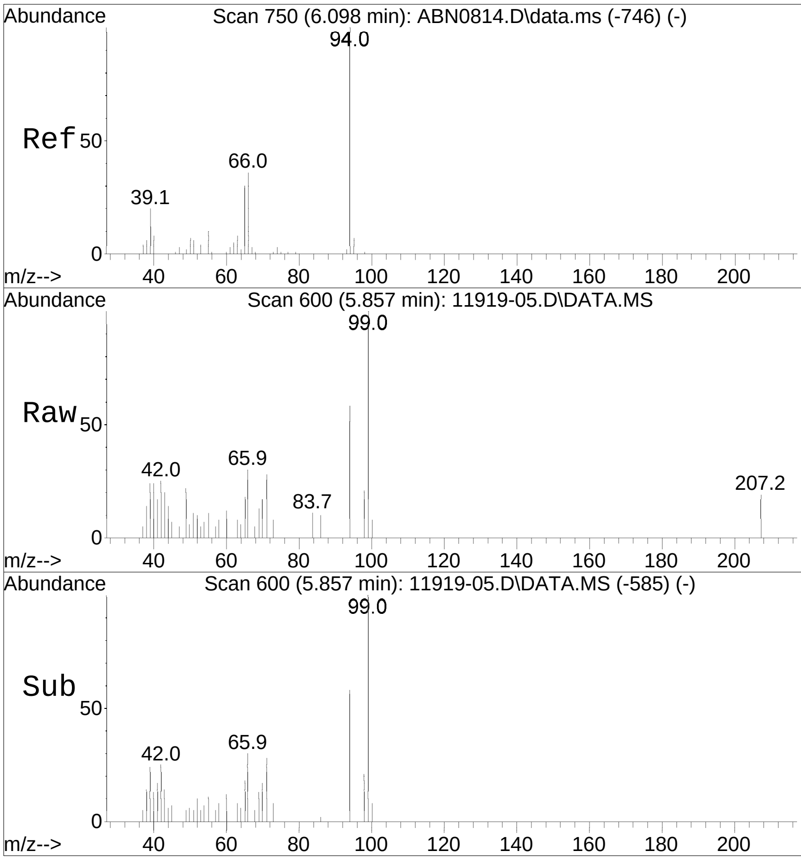
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-05.D
Acq On   : 9 Mar 2025   5:18 pm
Operator : SV107:slr
Sample   : L2511919-05,32,,cmm
Misc   : wg2038279,WG2037999,ical22052
ALS Vial : 12   Sample Multiplier: 1

Quant Time: Mar 10 14:10:03 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

Sub List   : 8270TCL_combo_REV1 - TCL/CT/MAP90309.D•

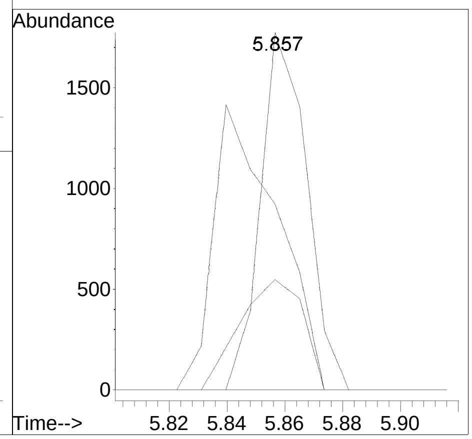


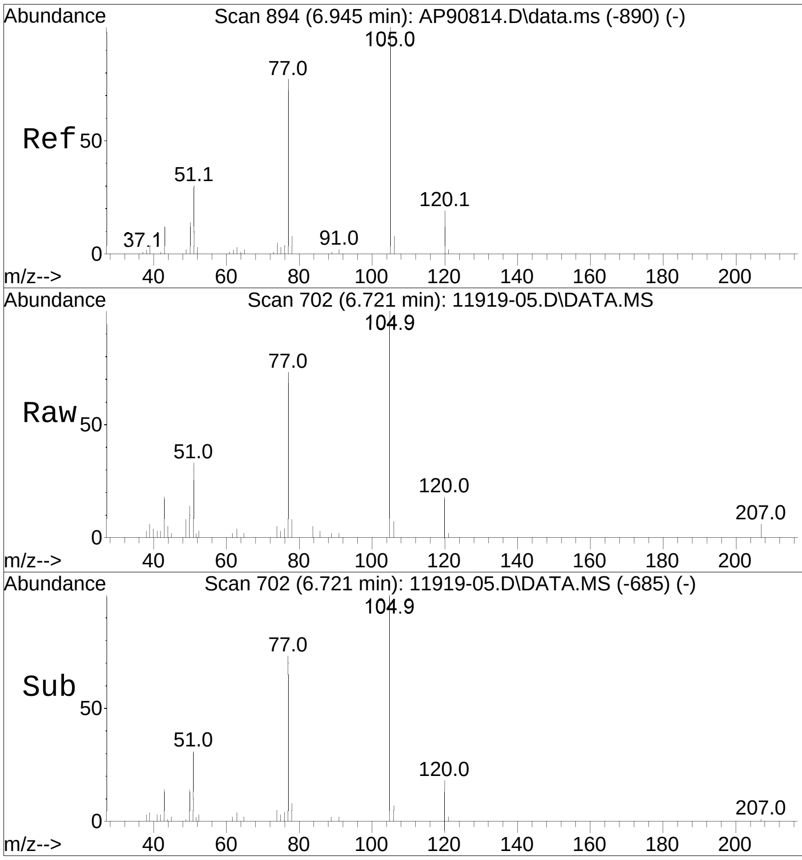


#8
Phenol
Concen: 0.07 ug/ml
RT: 5.857 min Scan# 600
Delta R.T. 0.000 min
Lab File: 11919-05.D
Acq: 9 Mar 2025 5:18 pm

Tgt Ion: 94 Resp: 1973

Ion	Ratio	Lower	Upper
94	100		
65	42.2	26.0	39.0#
66	109.4	33.8	50.8#

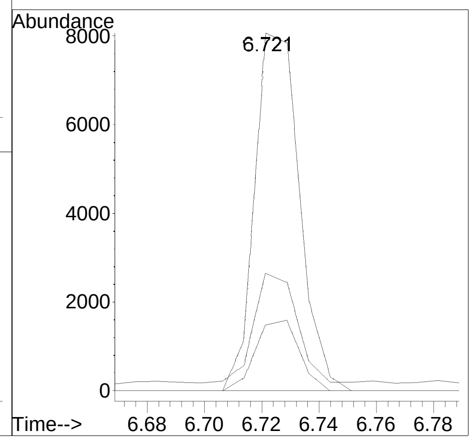


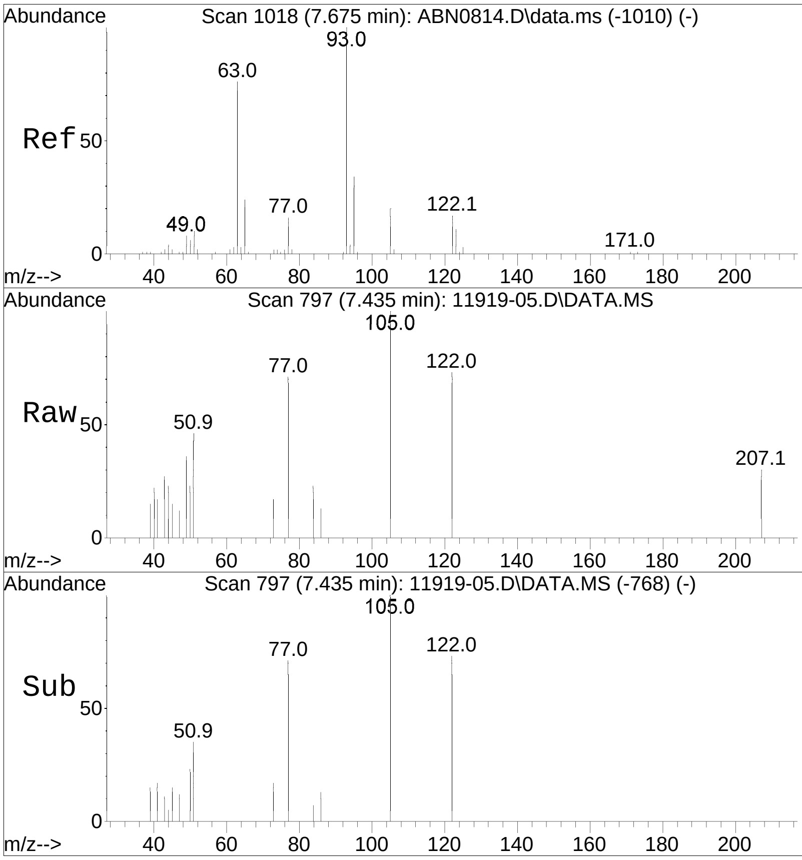


#29
Acetophenone
Concen: 0.30 ug/ml
RT: 6.721 min Scan# 702
Delta R.T. 0.000 min
Lab File: 11919-05.D
Acq: 9 Mar 2025 5:18 pm

Tgt Ion:105 Resp: 8738

Ion	Ratio	Lower	Upper
105	100		
120	19.3	20.5	30.7#
51	31.2	34.9	52.3#

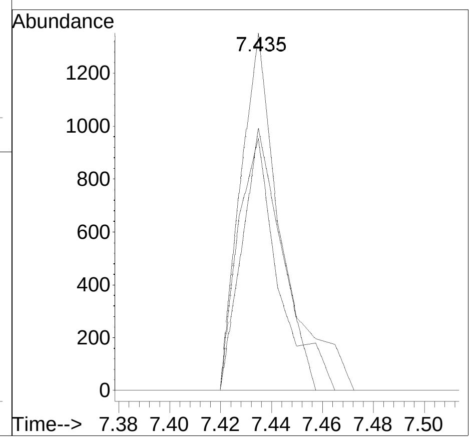


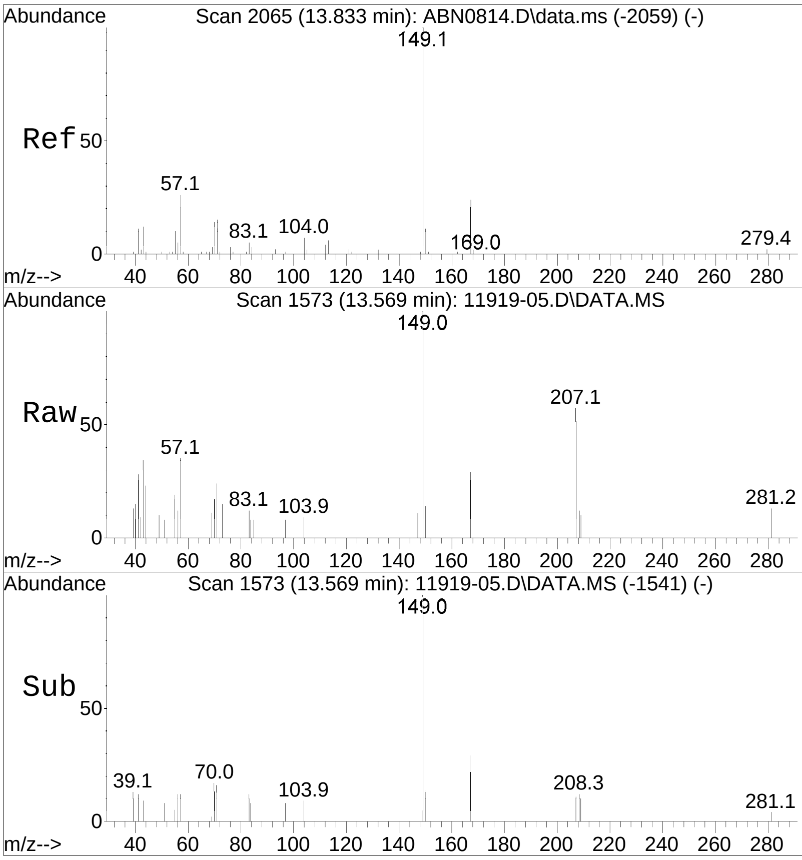


#37
Benzoic Acid
Concen: 0.20 ug/ml
RT: 7.435 min Scan# 797
Delta R.T. -0.030 min
Lab File: 11919-05.D
Acq: 9 Mar 2025 5:18 pm

Tgt Ion:105 Resp: 1529

Ion	Ratio	Lower	Upper
105	100		
122	69.1	59.9	89.9
77	69.3	60.1	90.1

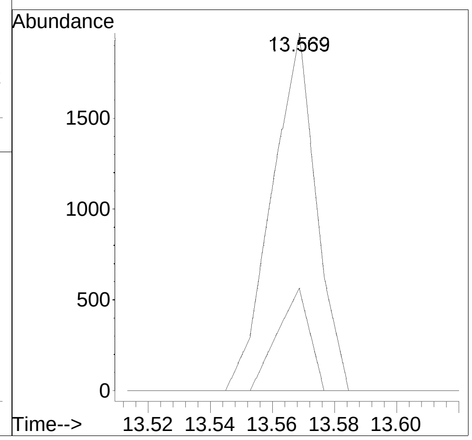




#108
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ug/ml
RT: 13.569 min Scan# 1573
Delta R.T. 0.000 min
Lab File: 11919-05.D
Acq: 9 Mar 2025 5:18 pm

Tgt Ion:149 Resp: 1946

Ion	Ratio	Lower	Upper
149	100		
167	20.9	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV107\250309RVTa\	QMethod	: FS250303SV107RVT.m
Data File	: 11919-05.D	Operator	: SV107:slr
Date Inj'd	: 3/9/2025 5:18 pm	Instrument	: SV107
Sample	: L2511919-05,32,,cmm	Quant Date	: 3/9/2025 5:37 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-07.D
Acq On    :  9 Mar 2025   5:43 pm
Operator  : SV107:slr
Sample    : L2511919-07,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 13   Sample Multiplier: 1

Quant Time: Mar 10 14:11:05 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.205  152     71489     4.000 ug/ml    0.00
   Standard Area 1 = 98614                Recovery   =   72.49%
27) IS2_1,4-Dichlorobenzen...   6.205  152     71489     4.000 ug/ml    0.00
   Standard Area 3 = 120276                Recovery   =   59.44%
35) IS1_Naphthalene-d8          7.646  136    248426     4.000 ug/ml    0.00
   Standard Area 1 = 354239                Recovery   =   70.13%
55) IS2_Naphthalene-d8          7.646  136    248426     4.000 ug/ml    0.00
   Standard Area 3 = 418637                Recovery   =   59.34%
63) IS1_Acenaphthene-d10        9.402  164    134162     4.000 ug/ml    0.00
   Standard Area 1 = 210099                Recovery   =   63.86%
83) IS2_Acenaphthene-d10        9.402  164    134162     4.000 ug/ml    0.00
   Standard Area 3 = 236989                Recovery   =   56.61%
86) IS3_Acenaphthene-d10        9.402  164    134162     4.000 ug/ml    0.00
   Standard Area 2 = 211502                Recovery   =   63.43%
88) IS1_Phenanthrene-d10       10.837  188    258836     4.000 ug/ml    0.00
   Standard Area 1 = 411555                Recovery   =   62.89%
100) IS3_Phenanthrene-d10      10.837  188    258836     4.000 ug/ml  # 0.00
   Standard Area 2 = 444075                Recovery   =   58.29%
104) IS1_Chrysene-d12          13.442  240    209745     4.000 ug/ml    0.00
   Standard Area 1 = 416424                Recovery   =   50.37%
113) IS1_Perylene-d12          14.895  264    207369     4.000 ug/ml    0.00
   Standard Area 1 = 407947                Recovery   =   50.83%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.165  112     22035     1.214 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   60.70%
 7) Phenol-d6                   5.839   99     20574     0.930 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   46.50%
19) Nitrobenzene-d5             6.879   82     18411     0.915 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   91.50%
46) 2-Fluorobiphenyl            8.777  172     49702     0.815 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   81.50%
79) 2,4,6-Tribromophenol       10.175  330      6807     1.008 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   50.40%
96) 4-Terphenyl-d14            12.415  244     55971     0.896 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   89.60%
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-07.D
Acq On : 9 Mar 2025 5:43 pm
Operator : SV107:slr
Sample : L2511919-07,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 10 14:11:05 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D.	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
37) Benzoic Acid	7.435	105	1400	0.199 ug/ml	92
38) 4-Chloroaniline	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D.	
53) 2,6-Dinitrotoluene	0.000		0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	0.000		0	N.D.	
68) 2,4-Dinitrotoluene	0.000		0	N.D.	
69) 4-Nitrophenol	0.000		0	N.D.	
72) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-07.D
Acq On : 9 Mar 2025 5:43 pm
Operator : SV107:slr
Sample : L2511919-07,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 10 14:11:05 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74)	4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75)	4-Nitroaniline	0.000		0	N.D.	
76)	4,6-Dinitro-o-cresol	0.000		0	N.D.	
77)	NDPA/DPA	0.000		0	N.D.	
80)	4-Bromophenyl phenyl e...	0.000		0	N.D.	
91)	Carbazole	0.000		0	N.D.	
92)	Di-n-butylphthalate	0.000		0	N.D. d	
97)	Butyl benzyl phthalate	0.000		0	N.D.	
106)	3,3'-Dichlorobenzidine	0.000		0	N.D.	
108)	Bis(2-ethylhexyl)phtha...	13.569	149	1444	0.214 ug/ml#	52
109)	Di-n-octylphthalate	0.000		0	N.D. d	

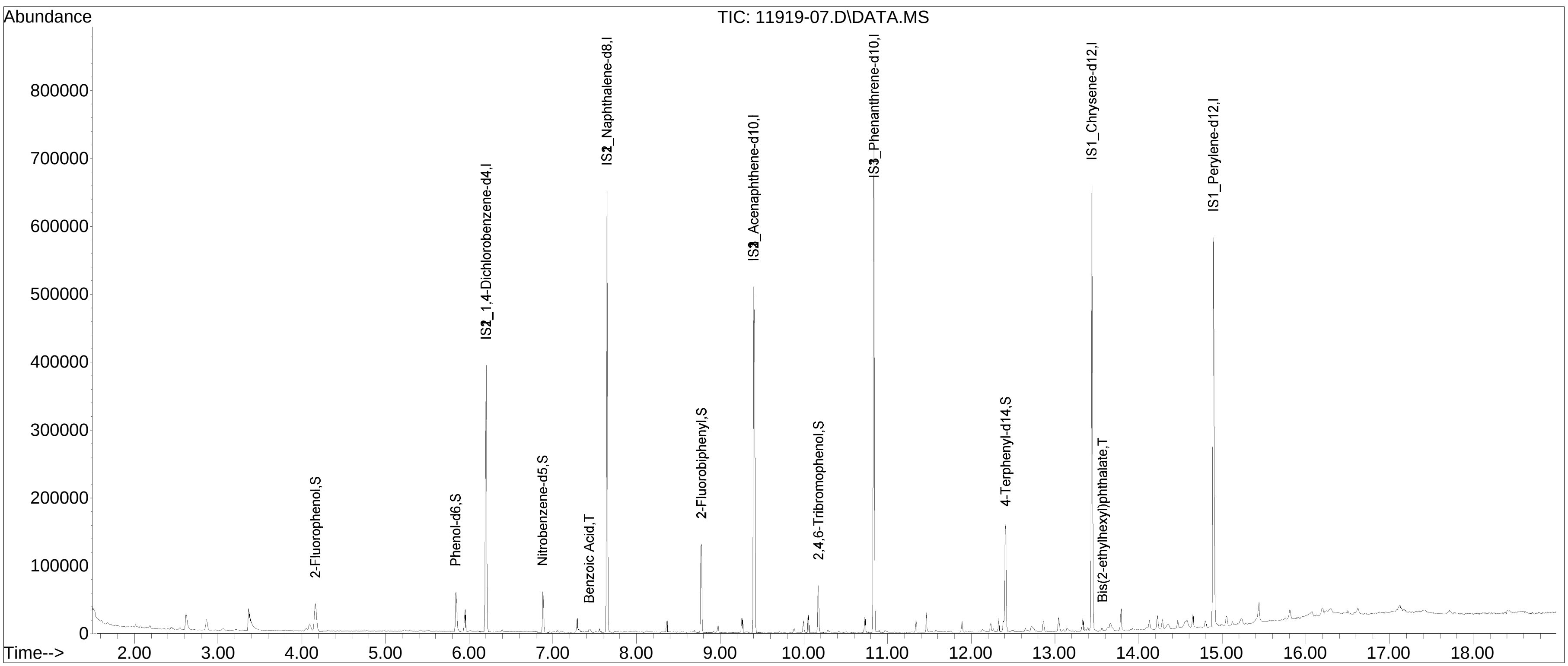
(#) = qualifier out of range (m) = manual integration (+) = signals summed

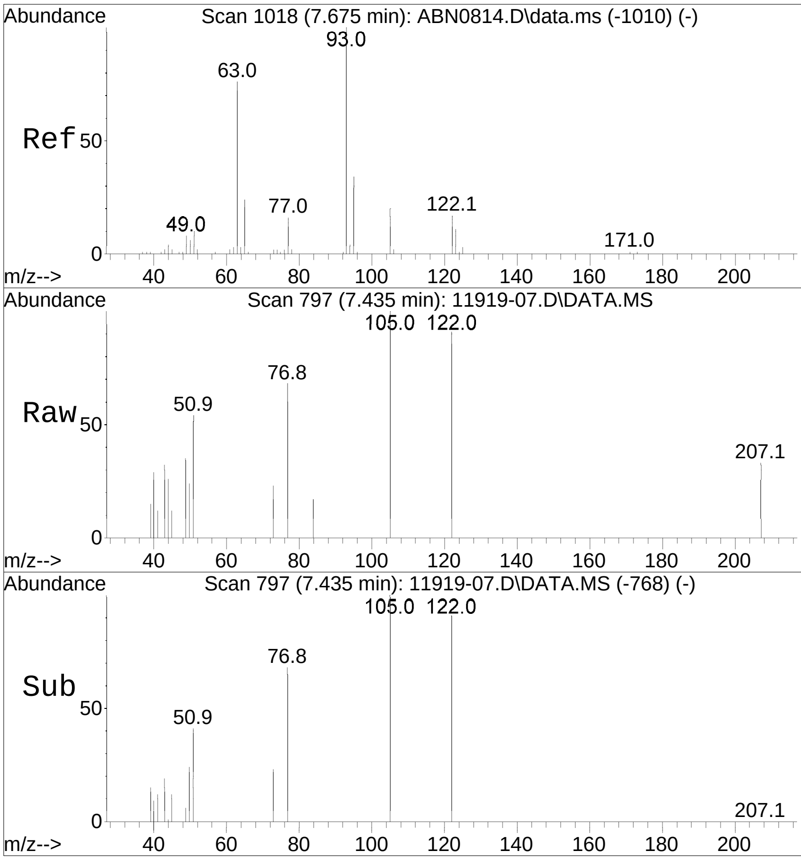
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-07.D
Acq On : 9 Mar 2025 5:43 pm
Operator : SV107:slr
Sample : L2511919-07,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 10 14:11:05 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MAP90309.D•

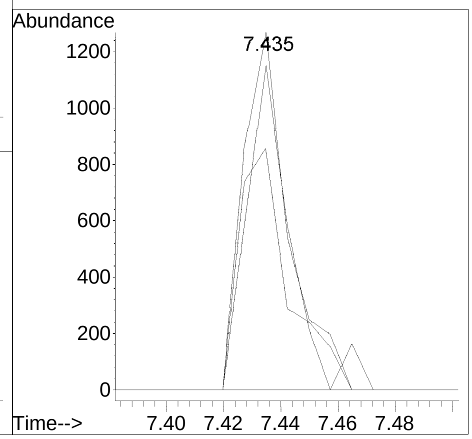


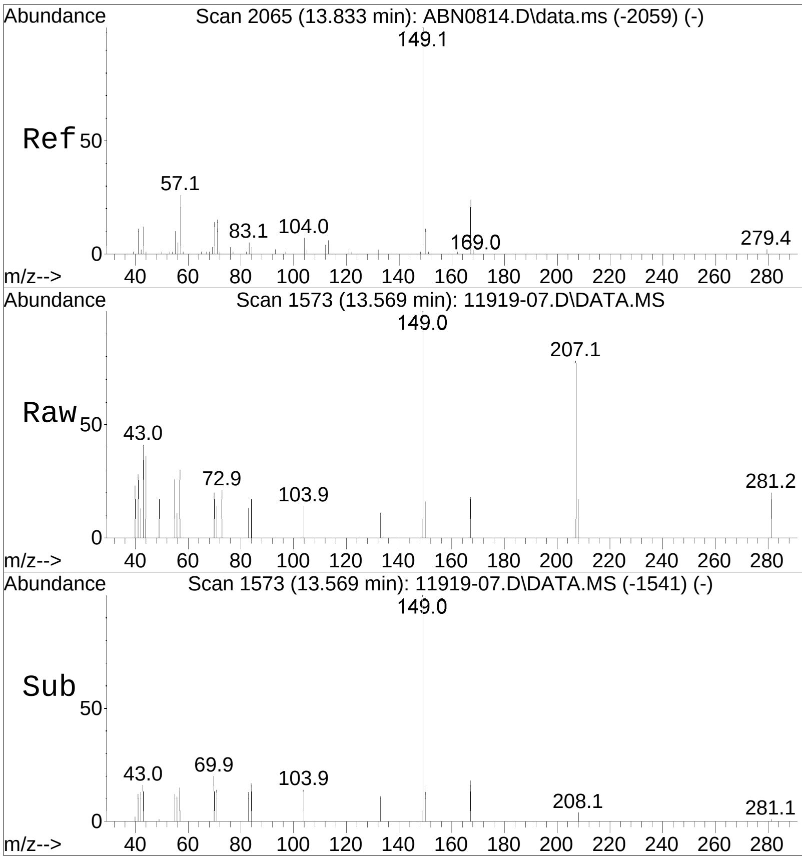


#37
Benzoic Acid
Concen: 0.20 ug/ml
RT: 7.435 min Scan# 797
Delta R.T. -0.030 min
Lab File: 11919-07.D
Acq: 9 Mar 2025 5:43 pm

Tgt Ion:105 Resp: 1400

Ion	Ratio	Lower	Upper
105	100		
122	86.6	59.9	89.9
77	73.3	60.1	90.1

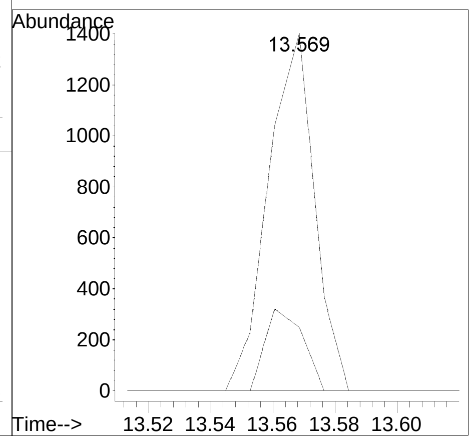




#108
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ug/ml
RT: 13.569 min Scan# 1573
Delta R.T. 0.000 min
Lab File: 11919-07.D
Acq: 9 Mar 2025 5:43 pm

Tgt Ion:149 Resp: 1444

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV107\250309RVTa\	QMethod	: FS250303SV107RVT.m
Data File	: 11919-07.D	Operator	: SV107:slr
Date Inj'd	: 3/9/2025 5:43 pm	Instrument	: SV107
Sample	: L2511919-07,32,,cmm	Quant Date	: 3/9/2025 6:02 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-08.D
Acq On    :  9 Mar 2025   6:08 pm
Operator  : SV107:slr
Sample    : L2511919-08,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 14   Sample Multiplier: 1

Quant Time: Mar 10 14:12:03 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.205  152     73776     4.000 ug/ml    0.00
   Standard Area 1 = 98614                Recovery   =   74.81%
27) IS2_1,4-Dichlorobenzen...   6.205  152     73776     4.000 ug/ml    0.00
   Standard Area 3 = 120276                Recovery   =   61.34%
35) IS1_Naphthalene-d8          7.646  136    256918     4.000 ug/ml    0.00
   Standard Area 1 = 354239                Recovery   =   72.53%
55) IS2_Naphthalene-d8          7.646  136    256918     4.000 ug/ml    0.00
   Standard Area 3 = 418637                Recovery   =   61.37%
63) IS1_Acenaphthene-d10        9.402  164    139353     4.000 ug/ml    0.00
   Standard Area 1 = 210099                Recovery   =   66.33%
83) IS2_Acenaphthene-d10        9.402  164    139353     4.000 ug/ml    0.00
   Standard Area 3 = 236989                Recovery   =   58.80%
86) IS3_Acenaphthene-d10        9.402  164    139353     4.000 ug/ml    0.00
   Standard Area 2 = 211502                Recovery   =   65.89%
88) IS1_Phenanthrene-d10       10.837  188    260326     4.000 ug/ml    0.00
   Standard Area 1 = 411555                Recovery   =   63.25%
100) IS3_Phenanthrene-d10      10.837  188    260326     4.000 ug/ml  # 0.00
   Standard Area 2 = 444075                Recovery   =   58.62%
104) IS1_Chrysene-d12          13.442  240    209643     4.000 ug/ml  # 0.00
   Standard Area 1 = 416424                Recovery   =   50.34%
113) IS1_Perylene-d12          14.904  264    202756     4.000 ug/ml    0.00
   Standard Area 1 = 407947                Recovery   =   49.70%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.165  112     19639     1.049 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   52.45%
 7) Phenol-d6                   5.840   99     17644     0.773 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   38.65%
19) Nitrobenzene-d5             6.879   82     17578     0.846 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   84.60%
46) 2-Fluorobiphenyl            8.777  172     50418     0.800 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   80.00%
79) 2,4,6-Tribromophenol       10.175  330      6731     0.960 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   48.00%
96) 4-Terphenyl-d14            12.407  244     53423     0.851 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   85.10%
```

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-08.D
Acq On    :  9 Mar 2025   6:08 pm
Operator  : SV107:slr
Sample    : L2511919-08,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 14   Sample Multiplier: 1

Quant Time: Mar 10 14:12:03 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene	0.000		0	N.D.		
12) 1,2-Dichlorobenzene	0.000		0	N.D.		
13) Benzyl alcohol	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
37) Benzoic Acid	7.435	105	701	0.095	ug/ml#	82
38) 4-Chloroaniline	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.		
53) 2,6-Dinitrotoluene	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-08.D
Acq On : 9 Mar 2025 6:08 pm
Operator : SV107:slr
Sample : L2511919-08,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 10 14:12:03 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74)	4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75)	4-Nitroaniline	0.000		0	N.D.	
76)	4,6-Dinitro-o-cresol	0.000		0	N.D.	
77)	NDPA/DPA	0.000		0	N.D.	
80)	4-Bromophenyl phenyl e...	0.000		0	N.D.	
91)	Carbazole	0.000		0	N.D.	
92)	Di-n-butylphthalate	0.000		0	N.D.	
97)	Butyl benzyl phthalate	0.000		0	N.D.	
106)	3,3'-Dichlorobenzidine	0.000		0	N.D.	
108)	Bis(2-ethylhexyl)phtha...	13.561	149	1613	0.218 ug/ml#	52
109)	Di-n-octylphthalate	0.000		0	N.D. d	

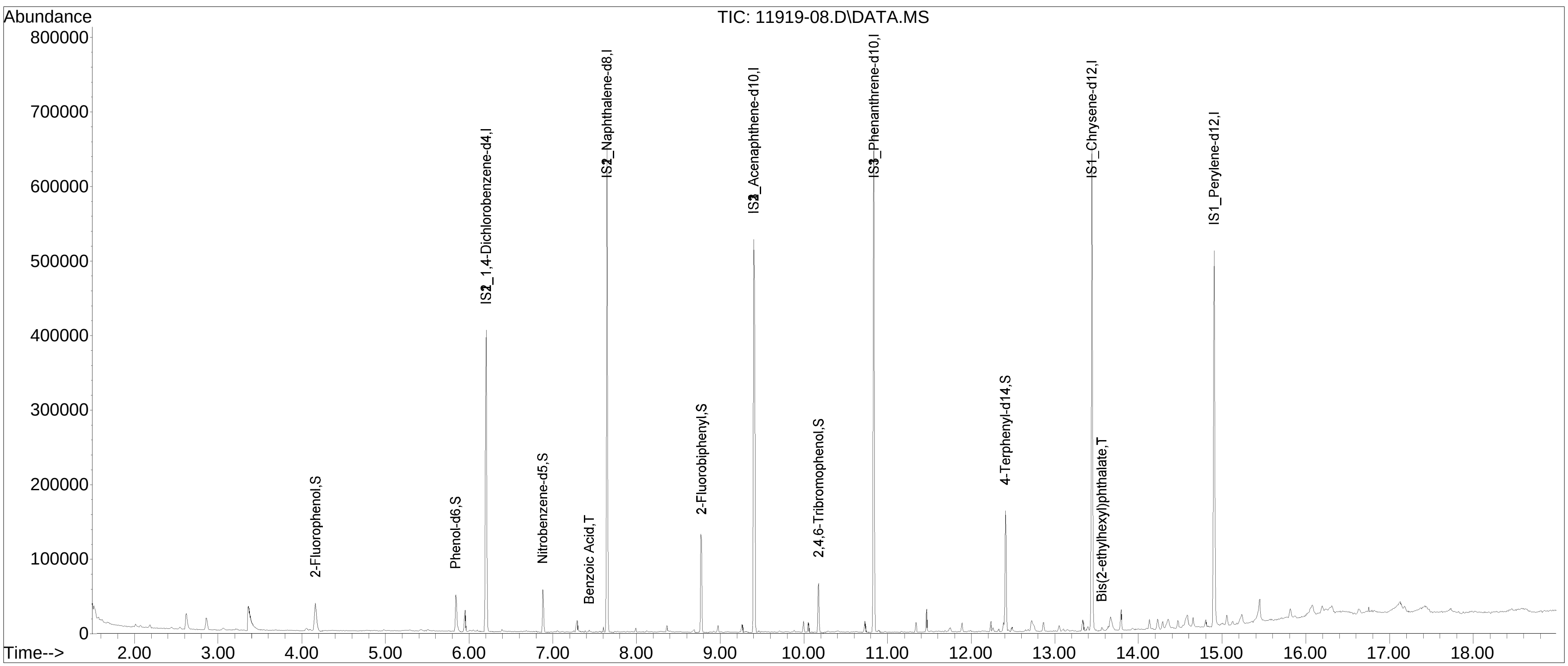
(#) = qualifier out of range (m) = manual integration (+) = signals summed

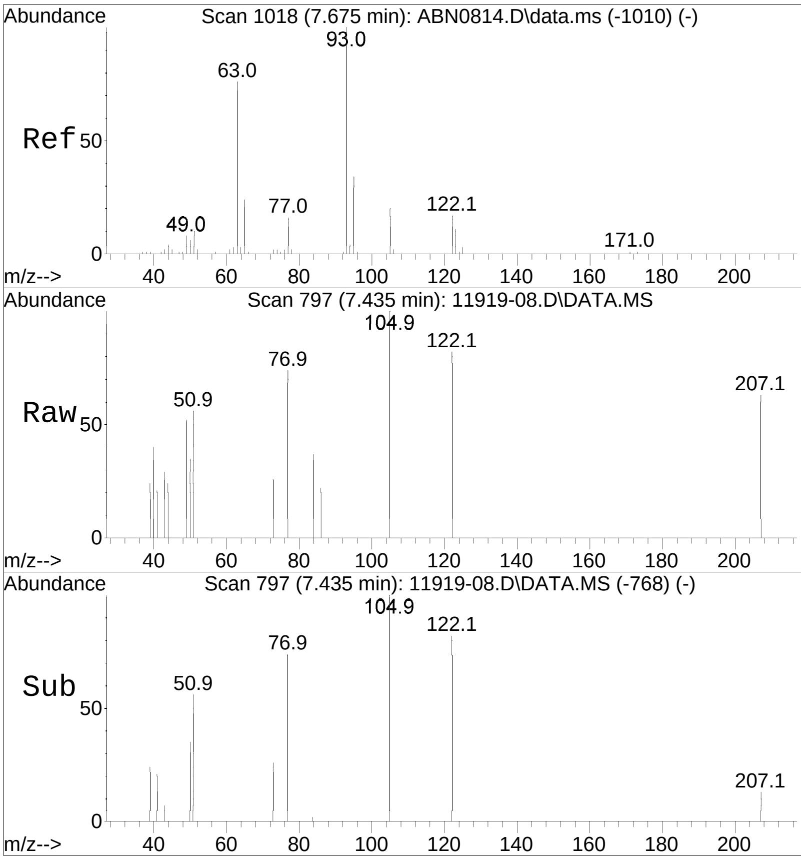
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 11919-08.D
Acq On   : 9 Mar 2025   6:08 pm
Operator : SV107:slr
Sample   : L2511919-08,32,,cmm
Misc   : wg2038279,WG2037999,ical22052
ALS Vial : 14   Sample Multiplier: 1

Quant Time: Mar 10 14:12:03 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

Sub List   : 8270TCL_combo_REV1 - TCL/CT/MAP90309.D•

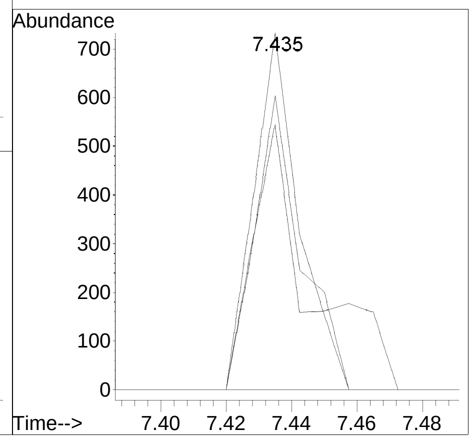


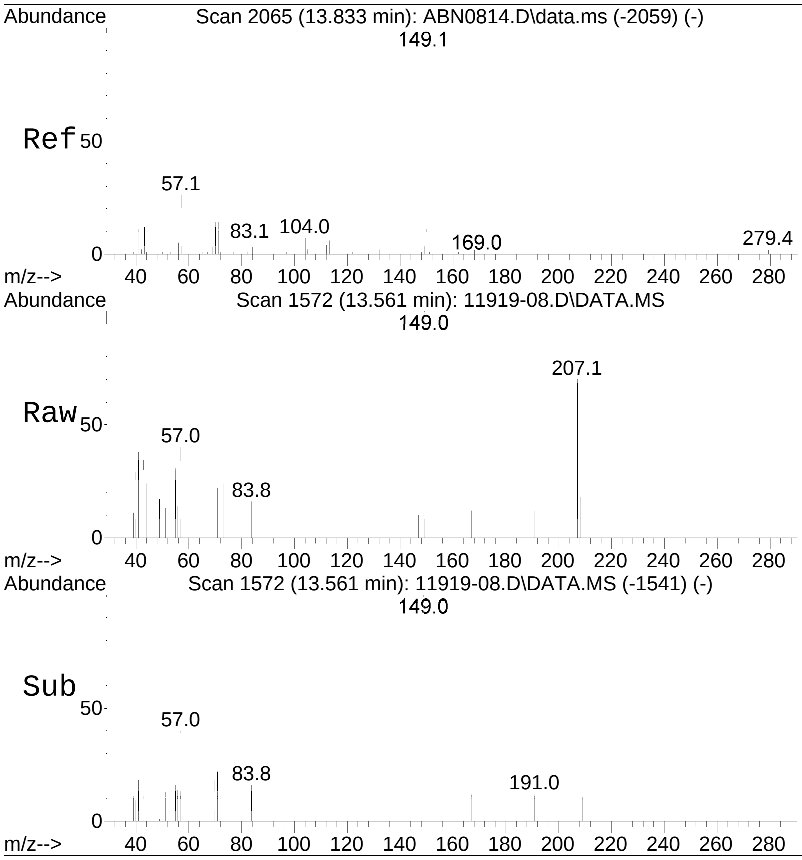


#37
Benzoic Acid
Concen: 0.10 ug/ml
RT: 7.435 min Scan# 797
Delta R.T. -0.030 min
Lab File: 11919-08.D
Acq: 9 Mar 2025 6:08 pm

Tgt Ion:105 Resp: 701

Ion	Ratio	Lower	Upper
105	100		
122	84.7	59.9	89.9
77	95.1	60.1	90.1#

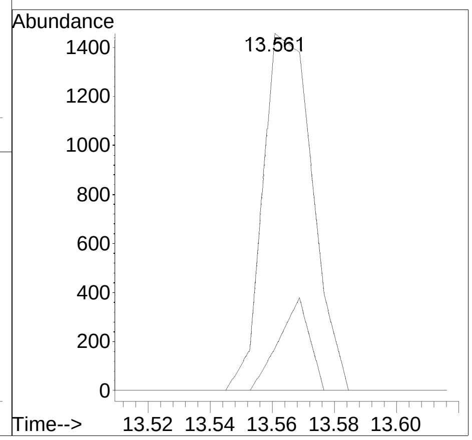




#108
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ug/ml
RT: 13.561 min Scan# 1572
Delta R.T. -0.008 min
Lab File: 11919-08.D
Acq: 9 Mar 2025 6:08 pm

Tgt Ion:149 Resp: 1613

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV107\250309RVTa\	QMethod	: FS250303SV107RVT.m
Data File	: 11919-08.D	Operator	: SV107:slr
Date Inj'd	: 3/9/2025 6:08 pm	Instrument	: SV107
Sample	: L2511919-08,32,,cmm	Quant Date	: 3/9/2025 6:28 pm

There are no manual integrations or false positives in this file.

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22052**
Calibration dates	**: 03/04/25 21:51 03/05/25 12:18**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
2)	t	N-Nitrosodimethylamine	0.589	0.527	0.775	0.740	0.621	0.700	0.690	0.739	0.694	0.675	11.90
3)	t	Pyridine	1.490	1.201	1.307	1.302	1.020	1.175	1.258	1.198	1.183	1.237	10.33
4)	S	2-Fluorophenol	0.996	0.896	1.093	1.014	0.936	1.015	1.065	1.091	1.032	1.016	6.56
5)	T	Aniline	1.161	1.254	1.750	1.619	1.474	1.634	1.712	1.788	1.737	1.570	14.44
6)	t	2-Chlorophenol	1.069	1.058	1.228	1.133	1.057	1.132	1.180	1.209	1.174	1.138	5.72
7)	S	Phenol-d6	1.321	1.062	1.266	1.236	1.121	1.247	1.273	1.337	1.275	1.238	7.28
8)	T	Phenol	1.485	1.247	1.487	1.399	1.276	1.376	1.395	1.450	1.395	1.390	6.01
9)	T	bis(2-Chloroethyl)ether	1.235	1.052	1.210	1.104	0.991	1.064	1.081	1.128	1.108	1.108	6.88
10)	T	1,3-Dichlorobenzene	1.638	1.402	1.738	1.538	1.342	1.447	1.448	1.517	1.474	1.505	8.08
11)	T	1,4-Dichlorobenzene	1.715	1.578	1.756	1.560	1.360	1.458	1.496	1.539	1.504	1.552	7.90
12)	T	1,2-Dichlorobenzene	1.629	1.390	1.605	1.509	1.296	1.400	1.428	1.490	1.471	1.469	7.18
13)	t	Benzyl alcohol	0.775	0.711	0.847	0.808	0.763	0.869	0.892	0.993	0.993	0.850	11.57
14)	T	bis(2-chloroisopropyl)ether	1.904	1.595	1.914	1.781	1.619	1.754	1.771	1.898	2.065	1.811	8.30
15)	T	2-Methylphenol	0.997	0.867	1.035	0.982	0.913	1.027	1.036	1.159	1.173	1.021	9.81
16)	T	Hexachloroethane	0.480	0.502	0.554	0.508	0.472	0.507	0.530	0.564	0.551	0.519	6.35
17)	T	n-Nitrosodi-n-propylamine	0.764	0.657	0.814	0.758	0.726	0.826	0.831	0.942	0.922	0.804	11.27
18)	T	3-Methylphenol/4-Methylphenol	0.987	0.926	1.106	1.047	0.987	1.087	1.118	1.225	1.216	1.078	9.49
19)	S	Nitrobenzene-d5	1.053	0.910	1.153	1.099	1.016	1.146	1.190	1.292	1.277	1.126	10.89
20)	T	Nitrobenzene	1.009	0.980	1.151	1.114	1.077	1.174	1.207	1.287	1.259	1.140	9.23
21)	T	Isophorone	2.074	1.910	2.169	2.040	1.963	2.233	2.302	2.538	2.485	2.190	10.07
22)	T	2-Nitrophenol			0.440	0.446	0.449	0.526	0.563	0.673	0.680	0.540	19.33
23)	T	2,4-Dimethylphenol	1.017	0.968	1.158	1.115	1.054	1.199	1.214	1.359	1.366	1.161	12.05
24)	T	bis(2-Chloroethoxy)methane	1.607	1.468	1.830	1.729	1.539	1.678	1.618	1.811	1.017	1.589	15.42
25)	T	2,4-Dichlorophenol	1.032	0.962	1.180	1.131	1.062	1.218	1.249	1.393	1.392	1.180	12.78
26)	T	1,2,4-Trichlorobenzene	1.669	1.446	1.670	1.495	1.341	1.431	1.456	1.577	1.567	1.517	7.37
27)	I	IS2_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
28)	T	Benzaldehyde	0.801	0.720	0.903	0.826	0.785	0.834	0.879	1.018	0.962	0.859	10.74
29)	T	Acetophenone	1.211	1.105	1.594	1.431	1.371	1.458	1.545	1.819	1.711	1.472	15.43
30)	T	m-Toluidine				1.165	1.268	1.413	1.549	1.845	1.757	1.500	17.90
31)	T	2-Chloroaniline	1.309	1.080	1.383	1.308	1.282	1.331	1.451	1.684	1.602	1.381	13.03
32)	I	IS3_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
33)		1,4-Dioxane	0.671	0.660	0.558	0.531	0.422	0.453	0.435	0.544	0.479	0.528	17.33
34)	T	n-Decane	1.479	1.268	1.484	1.403	1.205	1.340	1.378	1.717	1.516	1.421	10.64
35)	I	IS1_Naphthalene-d8	----------------ISTD--------------------										
36)	T	Naphthalene	1.154	1.051	1.157	1.058	0.910	0.976	0.973	1.010	0.962	1.028	8.31

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**		**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**		**Project Number**	**: BSD1504**
Instrument ID	**: SV107**		**Ical Ref**	**: ICAL22052**
Calibration dates	**: 03/04/25 21:51**	**03/05/25 12:18**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	T	Benzoic Acid	0.095	0.090	0.127	0.139	0.145	0.124	0.164	0.252		*Q	0.9985
38)	T	4-Chloroaniline	0.138	0.123	0.144	0.125	0.116	0.126	0.129	0.134	0.133	0.130	6.67
39)	T	Hexachlorobutadiene	0.285	0.252	0.278	0.251	0.220	0.231	0.234	0.236	0.235	0.247	8.97
40)	T	p-Chloro-m-cresol	0.251	0.227	0.258	0.261	0.247	0.284	0.290	0.321	0.320	0.273	11.90
41)	T	2-Methylnaphthalene	0.721	0.646	0.717	0.666	0.590	0.633	0.636	0.669	0.631	0.657	6.43
42)	T	1-Methylnaphthalene	0.260	0.227	0.259	0.239	0.210	0.230	0.223	0.232	0.240	0.236	6.82
43)	T	Hexachlorocyclopentadiene	0.256	0.246	0.277	0.258	0.245	0.280	0.283	0.319	0.334	0.278	11.29
44)	T	2,4,6-Trichlorophenol	0.265	0.201	0.256	0.246	0.240	0.275	0.278	0.311	0.309	0.264	13.02
45)	T	2,4,5-Trichlorophenol	0.270	0.218	0.260	0.264	0.243	0.284	0.285	0.328	0.327	0.275	13.04
46)	S	2-Fluorobiphenyl	1.124	0.971	1.085	1.004	0.884	0.948	0.911	0.989	0.919	0.982	8.13
47)	T	2-Chloronaphthalene	0.961	0.795	0.860	0.796	0.694	0.754	0.740	0.781	0.769	0.795	9.70
48)	T	2-Nitroaniline			0.158	0.155	0.159	0.197	0.210	0.239	0.241	0.194	19.43
49)	T	1,4-Dinitrobenzene			0.094	0.093	0.098	0.122	0.139	0.168	0.161	*L	0.9936
50)	T	1,3-Dinitrobenzene				0.097	0.101	0.131	0.133	0.154	0.150	0.128	18.74
51)	T	Dimethyl phthalate	1.033	0.891	1.003	0.971	0.884	0.987	0.928	1.015	0.953	0.963	5.54
52)	T	Acenaphthylene	1.278	1.084	1.272	1.202	1.092	1.230	1.229	1.273	1.238	1.211	6.12
53)	T	2,6-Dinitrotoluene			0.147	0.153	0.155	0.191	0.190	0.207	0.220	0.180	16.04
54)	T	1,2-Dinitrobenzene	0.059	0.055	0.072	0.074	0.073	0.085	0.085	0.093	0.093	0.077	18.11
55)	I	IS2_Naphthalene-d8	----------------ISTD--------------------										
56)	T	a-Terpineol	0.221	0.186	0.222	0.201	0.202	0.224	0.233	0.290	0.279	0.229	15.30
57)	T	3-Chloroaniline	0.121	0.108	0.142	0.128	0.124	0.140	0.139	0.161	0.150	0.135	11.87
58)	T	2,6-Dichlorophenol	0.280	0.220	0.286	0.256	0.257	0.293	0.306	0.356	0.334	0.288	14.44
59)	T	1-chloro-2-nitrobenzene	0.106	0.077	0.115	0.099	0.100	0.115	0.119	0.147	0.143	0.114	19.20
60)	T	Caprolactam			0.094	0.095	0.100	0.126	0.140	0.178	0.171	*L	0.9919
61)	T	1,2,4,5-Tetrachlorobenzene	0.463	0.390	0.484	0.421	0.387	0.419	0.408	0.453	0.426	0.428	7.69
62)	T	Biphenyl	1.069	0.835	1.032	0.949	0.869	0.936	0.924	1.094	1.017	0.969	9.17
63)	I	IS1_Acenaphthene-d10	----------------ISTD--------------------										
64)	T	3-Nitroaniline	0.189	0.179	0.252	0.254	0.252	0.294	0.292	0.310	0.317	0.260	19.09
65)	T	Acenaphthene	1.392	1.157	1.195	1.063	0.895	0.997	0.989	1.021	1.031	1.082	13.56
66)	T	2,4-Dinitrophenol		0.055	0.081	0.089	0.098	0.128	0.145	0.171	0.178	*Q	0.9968
67)	T	Dibenzofuran	2.173	1.896	2.099	1.868	1.618	1.789	1.749	1.739	1.684	1.846	10.07
68)	T	2,4-Dinitrotoluene			0.307	0.335	0.334	0.402	0.396	0.435	0.432	0.377	13.61
69)	T	4-Nitrophenol			0.167	0.163	0.169	0.211	0.211	0.236	0.245	0.200	16.99
70)	T	2,3,5,6-Tetrachlorophenol	0.294	0.229	0.309	0.323	0.298	0.361	0.375	0.397	0.383	0.330	16.35
71)	T	2,3,4,6-Tetrachlorophenol	0.281	0.266	0.338	0.366	0.333	0.407	0.430	0.379	0.397	0.355	15.68
72)	T	Diethyl phthalate	1.310	1.241	1.407	1.338	1.203	1.374	1.324	1.406	1.387	1.332	5.40

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**		**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**		**Project Number**	**: BSD1504**
Instrument ID	**: SV107**		**Ical Ref**	**: ICAL22052**
Calibration dates	**: 03/04/25 21:51**	**03/05/25 12:18**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T	Fluorene	1.649	1.366	1.567	1.448	1.267	1.410	1.390	1.408	1.362	1.430	8.01
74)	T	4-Chlorophenyl-phenylether	0.914	0.772	0.838	0.739	0.635	0.695	0.678	0.674	0.654	0.733	12.67
75)	T	4-Nitroaniline	0.177	0.167	0.240	0.246	0.237	0.280	0.284	0.297	0.287	0.246	19.24
76)	T	4,6-Dinitro-o-cresol			0.140	0.137	0.144	0.191	0.205	0.243	0.246	*L	0.9941
77)	T	NDPA/DPA	1.224	1.129	1.328	1.237	1.094	1.209	1.179	1.220	1.184	1.200	5.57
78)	T	Azobenzene	1.120	1.009	1.202	1.155	1.048	1.196	1.159	1.179	1.133	1.133	5.82
79)	S	2,4,6-Tribromophenol	0.172	0.168	0.193	0.194	0.187	0.218	0.215	0.233	0.232	0.201	12.11
80)	T	4-Bromophenyl-phenylether	0.529	0.428	0.471	0.427	0.384	0.429	0.419	0.433	0.433	0.439	9.16
81)	T	Hexachlorobenzene	0.637	0.540	0.587	0.517	0.442	0.483	0.470	0.472	0.467	0.513	12.55
82)	T	Pentachlorophenol				0.210	0.224	0.283	0.296	0.333	0.335	0.280	18.96
83)	I	IS2_Acenaphthene-d10	----------------ISTD--------------------										
84)	T	Dichloran			0.098	0.095	0.096	0.124	0.155	0.247	0.237	*Q	0.9847
85)	T	Pentachloronitrobenzene				0.119	0.109	0.149	0.171	0.208	0.201	*L	0.9948
86)	I	IS3_Acenaphthene-d10	----------------ISTD--------------------										
87)	T	Atrazine	0.400	0.328	0.323	0.366	0.346	0.389	0.463	0.652		*Q	0.9999
88)	I	IS1_Phenanthrene-d10	----------------ISTD--------------------										
89)	T	Phenanthrene	1.365	1.193	1.246	1.135	0.984	1.065	1.073	1.089	1.014	1.129	10.69
90)	T	Anthracene	1.176	1.052	1.159	1.072	0.978	1.082	1.075	1.100	1.032	1.081	5.62
91)	T	Carbazole	0.945	0.852	1.031	0.965	0.899	1.003	1.001	1.049	1.008	0.973	6.60
92)	T	Di-n-butylphthalate	0.809	0.719	0.891	0.886	0.904	1.097	1.164	1.283	1.214	0.996	19.81
93)	T	Fluoranthene	1.342	1.174	1.311	1.213	1.105	1.274	1.264	1.271	1.173	1.236	6.14
94)	T	Benzidine			0.446	0.508	0.566	0.728	0.789	0.848	0.821	*L	0.9981
95)	T	Pyrene	1.372	1.239	1.394	1.311	1.210	1.366	1.333	1.279	1.171	1.297	5.99
96)	S	4-Terphenyl-d14	1.083	0.933	1.036	0.974	0.876	0.978	0.958	0.973	0.873	0.965	7.05
97)	T	Butyl benzyl phthalate			0.275	0.287	0.300	0.421	0.451	0.547	0.558	*L	0.9928
98)	I	IS2_Phenanthrene-d10	----------------ISTD--------------------										
99)	T	Diphenamid			0.302	0.304	0.324	0.403	0.458	0.573	0.553	*L	0.9921
100)	I	IS3_Phenanthrene-d10	----------------ISTD--------------------										
101)	T	n-Octadecane	0.352	0.287	0.318	0.326	0.301	0.370	0.404	0.509	0.443	0.368	19.78
102)	T	Parathion	0.062	0.048	0.054	0.050	0.045	0.052	0.070	0.125		*Q	0.9997
103)	T	3,3'-Dimethylbenzidine			0.254	0.308	0.369	0.505	0.679	1.005		*Q	0.9992
104)	I	IS1_Chrysene-d12	----------------ISTD--------------------										
105)	T	Benzo[a]anthracene	1.401	1.184	1.277	1.223	1.117	1.266	1.265	1.326	1.182	1.249	6.76
106)	T	3,3'-Dichlorobenzidine	0.314	0.287	0.356	0.373	0.374	0.463	0.478	0.505	0.476	0.403	19.68
107)	T	Chrysene	1.576	1.355	1.384	1.213	1.076	1.147	1.115	1.114	1.116	1.233	13.75
108)	T	bis(2-Ethylhexyl)phthalate		0.381	0.445	0.471	0.533	0.697	0.712	0.861	0.882	*Q	0.9970

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22052**
Calibration dates	**: 03/04/25 21:51 03/05/25 12:18**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109)	T	Di-n-octylphthalate			0.648	0.660	0.738	1.079	1.188	1.485	1.490	*Q	0.9953
110)	T	Benzo(b)fluoranthene	1.211	0.979	1.129	1.230	1.071	1.306	1.347	1.284	1.342	1.211	10.56
111)	T	Benzo(k)fluoranthene	1.114	0.991	1.239	1.027	0.985	1.003	0.975	1.089	1.016	1.049	8.17
112)	T	Benzo(a)pyrene	0.946	0.806	0.998	0.977	0.898	1.052	1.081	1.156	1.167	1.009	11.73
113)	I	IS1_Perylene-d12	----------------ISTD--------------------										
114)	T	Indeno(1,2,3-cd)pyrene	0.978	0.845	0.969	0.950	0.893	1.071	1.097	1.152	1.090	1.005	10.22
115)	T	Dibenzo[a,h]anthracene	0.899	0.877	1.081	0.970	0.948	1.025	1.057	1.092	1.053	1.000	7.95
116)	T	Benzo(g,h,i)perylene	1.072	0.992	1.062	1.004	0.936	1.020	1.057	1.061	0.893	1.011	6.16

Response Factor Report SV107

Method Path : I:\8270\SV107\250304ical\
Method File : FS250303SV107RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 05 14:58:54 2025
Response Via : Initial Calibration

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------------ISTD---------------------										
2)	t	N-Nitrosodimethylamine	0.589	0.527	0.775	0.740	0.621	0.700	0.690	0.739	0.694	0.675	11.90
3)	t	Pyridine	1.490	1.201	1.307	1.302	1.020	1.175	1.258	1.198	1.183	1.237	10.33
4)	S	2-Fluorophenol	0.996	0.896	1.093	1.014	0.936	1.015	1.065	1.091	1.032	1.016	6.56
5)	T	Aniline	1.161	1.254	1.750	1.619	1.474	1.634	1.712	1.788	1.737	1.570	14.44
6)	t	2-Chlorophenol	1.069	1.058	1.228	1.133	1.057	1.132	1.180	1.209	1.174	1.138	5.72
7)	S	Phenol-d6	1.321	1.062	1.266	1.236	1.121	1.247	1.273	1.337	1.275	1.238	7.28
8)	T	Phenol	1.485	1.247	1.487	1.399	1.276	1.376	1.395	1.450	1.395	1.390	6.01
9)	T	bis(2-Chloroethyl)ether	1.235	1.052	1.210	1.104	0.991	1.064	1.081	1.128	1.108	1.108	6.88
10)	T	1,3-Dichlorobenzene	1.638	1.402	1.738	1.538	1.342	1.447	1.448	1.517	1.474	1.505	8.08
11)	T	1,4-Dichlorobenzene	1.715	1.578	1.756	1.560	1.360	1.458	1.496	1.539	1.504	1.552	7.90
12)	T	1,2-Dichlorobenzene	1.629	1.390	1.605	1.509	1.296	1.400	1.428	1.490	1.471	1.469	7.18
13)	t	Benzyl alcohol	0.775	0.711	0.847	0.808	0.763	0.869	0.892	0.993	0.993	0.850	11.57
14)	T	bis(2-chloroisopropyl)ether	1.904	1.595	1.914	1.781	1.619	1.754	1.771	1.898	2.065	1.811	8.30
15)	T	2-Methylphenol	0.997	0.867	1.035	0.982	0.913	1.027	1.036	1.159	1.173	1.021	9.81
16)	T	Hexachloroethane	0.480	0.502	0.554	0.508	0.472	0.507	0.530	0.564	0.551	0.519	6.35
17)	T	n-Nitrosodi-n-propylamine	0.764	0.657	0.814	0.758	0.726	0.826	0.831	0.942	0.922	0.804	11.27
18)	T	3-Methylphenol/4-Methylphenol	0.987	0.926	1.106	1.047	0.987	1.087	1.118	1.225	1.216	1.078	9.49
19)	S	Nitrobenzene-d5	1.053	0.910	1.153	1.099	1.016	1.146	1.190	1.292	1.277	1.126	10.89
20)	T	Nitrobenzene	1.009	0.980	1.151	1.114	1.077	1.174	1.207	1.287	1.259	1.140	9.23
21)	T	Isophorone	2.074	1.910	2.169	2.040	1.963	2.233	2.302	2.538	2.485	2.190	10.07
22)	T	2-Nitrophenol			0.440	0.446	0.449	0.526	0.563	0.673	0.680	0.540	19.33
23)	T	2,4-Dimethylphenol	1.017	0.968	1.158	1.115	1.054	1.199	1.214	1.359	1.366	1.161	12.05
24)	T	bis(2-Chloroethoxy)methane	1.607	1.468	1.830	1.729	1.539	1.678	1.618	1.811	1.017	1.589	15.42
25)	T	2,4-Dichlorophenol	1.032	0.962	1.180	1.131	1.062	1.218	1.249	1.393	1.392	1.180	12.78
26)	T	1,2,4-Trichlorobenzene	1.669	1.446	1.670	1.495	1.341	1.431	1.456	1.577	1.567	1.517	7.37
27)	I	IS2_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
28)	T	Benzaldehyde	0.801	0.720	0.903	0.826	0.785	0.834	0.879	1.018	0.962	0.859	10.74
29)	T	Acetophenone	1.211	1.105	1.594	1.431	1.371	1.458	1.545	1.819	1.711	1.472	15.43
30)	T	m-Toluidine				1.165	1.268	1.413	1.549	1.845	1.757	1.500	17.90
31)	T	2-Chloroaniline	1.309	1.080	1.383	1.308	1.282	1.331	1.451	1.684	1.602	1.381	13.03
32)	I	IS3_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
33)		1,4-Dioxane	0.671	0.660	0.558	0.531	0.422	0.453	0.435	0.544	0.479	0.528	17.33
34)	T	n-Decane	1.479	1.268	1.484	1.403	1.205	1.340	1.378	1.717	1.516	1.421	10.64
35)	I	IS1_Naphthalene-d8	----------------ISTD---------------------										
36)	T	Naphthalene	1.154	1.051	1.157	1.058	0.910	0.976	0.973	1.010	0.962	1.028	8.31
37)	T	Benzoic Acid	0.095	0.090	0.127	0.139	0.145	0.124	0.164	0.252		*Q	0.9985
38)	T	4-Chloroaniline	0.138	0.123	0.144	0.125	0.116	0.126	0.129	0.134	0.133	0.130	6.67
39)	T	Hexachlorobutadiene	0.285	0.252	0.278	0.251	0.220	0.231	0.234	0.236	0.235	0.247	8.97
40)	T	p-Chloro-m-cresol	0.251	0.227	0.258	0.261	0.247	0.284	0.290	0.321	0.320	0.273	11.90
41)	T	2-Methylnaphthalene	0.721	0.646	0.717	0.666	0.590	0.633	0.636	0.669	0.631	0.657	6.43
42)	T	1-Methylnaphthalene	0.260	0.227	0.259	0.239	0.210	0.230	0.223	0.232	0.240	0.236	6.82
43)	T	Hexachlorocyclopentadiene	0.256	0.246	0.277	0.258	0.245	0.280	0.283	0.319	0.334	0.278	11.29
44)	T	2,4,6-Trichlorophenol	0.265	0.201	0.256	0.246	0.240	0.275	0.278	0.311	0.309	0.264	13.02
45)	T	2,4,5-Trichlorophenol	0.270	0.218	0.260	0.264	0.243	0.284	0.285	0.328	0.327	0.275	13.04

Response Factor Report SV107

Method Path : I:\8270\SV107\250304ical\
Method File : FS250303SV107RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 05 14:58:54 2025
Response Via : Initial Calibration

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
46) S	2-Fluorobiphenyl	1.124	0.971	1.085	1.004	0.884	0.948	0.911	0.989	0.919	0.982	8.13
47) T	2-Chloronaphthalene	0.961	0.795	0.860	0.796	0.694	0.754	0.740	0.781	0.769	0.795	9.70
48) T	2-Nitroaniline			0.158	0.155	0.159	0.197	0.210	0.239	0.241	0.194	19.43
49) T	1,4-Dinitrobenzene			0.094	0.093	0.098	0.122	0.139	0.168	0.161	*L	0.9936
50) T	1,3-Dinitrobenzene				0.097	0.101	0.131	0.133	0.154	0.150	0.128	18.74
51) T	Dimethyl phthalate	1.033	0.891	1.003	0.971	0.884	0.987	0.928	1.015	0.953	0.963	5.54
52) T	Acenaphthylene	1.278	1.084	1.272	1.202	1.092	1.230	1.229	1.273	1.238	1.211	6.12
53) T	2,6-Dinitrotoluene			0.147	0.153	0.155	0.191	0.190	0.207	0.220	0.180	16.04
54) T	1,2-Dinitrobenzene	0.059	0.055	0.072	0.074	0.073	0.085	0.085	0.093	0.093	0.077	18.11
55) I	IS2_Naphthalene-d8	----------------ISTD---------------------										
56) T	a-Terpineol	0.221	0.186	0.222	0.201	0.202	0.224	0.233	0.290	0.279	0.229	15.30
57) T	3-Chloroaniline	0.121	0.108	0.142	0.128	0.124	0.140	0.139	0.161	0.150	0.135	11.87
58) T	2,6-Dichlorophenol	0.280	0.220	0.286	0.256	0.257	0.293	0.306	0.356	0.334	0.288	14.44
59) T	1-chloro-2-nitrobenzene	0.106	0.077	0.115	0.099	0.100	0.115	0.119	0.147	0.143	0.114	19.20
60) T	Caprolactam			0.094	0.095	0.100	0.126	0.140	0.178	0.171	*L	0.9919
61) T	1,2,4,5-Tetrachlorobenzene	0.463	0.390	0.484	0.421	0.387	0.419	0.408	0.453	0.426	0.428	7.69
62) T	Biphenyl	1.069	0.835	1.032	0.949	0.869	0.936	0.924	1.094	1.017	0.969	9.17
63) I	IS1_Acenaphthene-d10	----------------ISTD---------------------										
64) T	3-Nitroaniline	0.189	0.179	0.252	0.254	0.252	0.294	0.292	0.310	0.317	0.260	19.09
65) T	Acenaphthene	1.392	1.157	1.195	1.063	0.895	0.997	0.989	1.021	1.031	1.082	13.56
66) T	2,4-Dinitrophenol		0.055	0.081	0.089	0.098	0.128	0.145	0.171	0.178	*Q	0.9968
67) T	Dibenzofuran	2.173	1.896	2.099	1.868	1.618	1.789	1.749	1.739	1.684	1.846	10.07
68) T	2,4-Dinitrotoluene			0.307	0.335	0.334	0.402	0.396	0.435	0.432	0.377	13.61
69) T	4-Nitrophenol			0.167	0.163	0.169	0.211	0.211	0.236	0.245	0.200	16.99
70) T	2,3,5,6-Tetrachlorophenol	0.294	0.229	0.309	0.323	0.298	0.361	0.375	0.397	0.383	0.330	16.35
71) T	2,3,4,6-Tetrachlorophenol	0.281	0.266	0.338	0.366	0.333	0.407	0.430	0.379	0.397	0.355	15.68
72) T	Diethyl phthalate	1.310	1.241	1.407	1.338	1.203	1.374	1.324	1.406	1.387	1.332	5.40
73) T	Fluorene	1.649	1.366	1.567	1.448	1.267	1.410	1.390	1.408	1.362	1.430	8.01
74) T	4-Chlorophenyl-phenylether	0.914	0.772	0.838	0.739	0.635	0.695	0.678	0.674	0.654	0.733	12.67
75) T	4-Nitroaniline	0.177	0.167	0.240	0.246	0.237	0.280	0.284	0.297	0.287	0.246	19.24
76) T	4,6-Dinitro-o-cresol			0.140	0.137	0.144	0.191	0.205	0.243	0.246	*L	0.9941
77) T	NDPA/DPA	1.224	1.129	1.328	1.237	1.094	1.209	1.179	1.220	1.184	1.200	5.57
78) T	Azobenzene	1.120	1.009	1.202	1.155	1.048	1.196	1.159	1.179	1.133	1.133	5.82
79) S	2,4,6-Tribromophenol	0.172	0.168	0.193	0.194	0.187	0.218	0.215	0.233	0.232	0.201	12.11
80) T	4-Bromophenyl-phenylether	0.529	0.428	0.471	0.427	0.384	0.429	0.419	0.433	0.433	0.439	9.16
81) T	Hexachlorobenzene	0.637	0.540	0.587	0.517	0.442	0.483	0.470	0.472	0.467	0.513	12.55
82) T	Pentachlorophenol				0.210	0.224	0.283	0.296	0.333	0.335	0.280	18.96
83) I	IS2_Acenaphthene-d10	----------------ISTD---------------------										
84) T	Dichloran			0.098	0.095	0.096	0.124	0.155	0.247	0.237	*Q	0.9847
85) T	Pentachloronitrobenzene				0.119	0.109	0.149	0.171	0.208	0.201	*L	0.9948
86) I	IS3_Acenaphthene-d10	----------------ISTD---------------------										
87) T	Atrazine	0.400	0.328	0.323	0.366	0.346	0.389	0.463	0.652		*Q	0.9999
88) I	IS1_Phenanthrene-d10	----------------ISTD---------------------										
89) T	Phenanthrene	1.365	1.193	1.246	1.135	0.984	1.065	1.073	1.089	1.014	1.129	10.69
90) T	Anthracene	1.176	1.052	1.159	1.072	0.978	1.082	1.075	1.100	1.032	1.081	5.62

Response Factor Report SV107

Method Path : I:\8270\SV107\250304ical\
Method File : FS250303SV107RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 05 14:58:54 2025
Response Via : Initial Calibration

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
91) T	Carbazole	0.945	0.852	1.031	0.965	0.899	1.003	1.001	1.049	1.008	0.973	6.60
92) T	Di-n-butylphthalate	0.809	0.719	0.891	0.886	0.904	1.097	1.164	1.283	1.214	0.996	19.81
93) T	Fluoranthene	1.342	1.174	1.311	1.213	1.105	1.274	1.264	1.271	1.173	1.236	6.14
94) T	Benzidine			0.446	0.508	0.566	0.728	0.789	0.848	0.821	*L	0.9981
95) T	Pyrene	1.372	1.239	1.394	1.311	1.210	1.366	1.333	1.279	1.171	1.297	5.99
96) S	4-Terphenyl-d14	1.083	0.933	1.036	0.974	0.876	0.978	0.958	0.973	0.873	0.965	7.05
97) T	Butyl benzyl phthalate			0.275	0.287	0.300	0.421	0.451	0.547	0.558	*L	0.9928
98) I	IS2_Phenanthrene-d10	----------------			ISTD				--------------------			
99) T	Diphenamid			0.302	0.304	0.324	0.403	0.458	0.573	0.553	*L	0.9921
100) I	IS3_Phenanthrene-d10	----------------			ISTD				--------------------			
101) T	n-Octadecane	0.352	0.287	0.318	0.326	0.301	0.370	0.404	0.509	0.443	0.368	19.78
102) T	Parathion	0.062	0.048	0.054	0.050	0.045	0.052	0.070	0.125		*Q	0.9997
103) T	3,3'-Dimethylbenzidine			0.254	0.308	0.369	0.505	0.679	1.005		*Q	0.9992
104) I	IS1_Chrysene-d12	----------------			ISTD				--------------------			
105) T	Benzo[a]anthracene	1.401	1.184	1.277	1.223	1.117	1.266	1.265	1.326	1.182	1.249	6.76
106) T	3,3'-Dichlorobenzidine	0.314	0.287	0.356	0.373	0.374	0.463	0.478	0.505	0.476	0.403	19.68
107) T	Chrysene	1.576	1.355	1.384	1.213	1.076	1.147	1.115	1.114	1.116	1.233	13.75
108) T	bis(2-Ethylhexyl)phthalate		0.381	0.445	0.471	0.533	0.697	0.712	0.861	0.882	*Q	0.9970
109) T	Di-n-octylphthalate			0.648	0.660	0.738	1.079	1.188	1.485	1.490	*Q	0.9953
110) T	Benzo(b)fluoranthene	1.211	0.979	1.129	1.230	1.071	1.306	1.347	1.284	1.342	1.211	10.56
111) T	Benzo(k)fluoranthene	1.114	0.991	1.239	1.027	0.985	1.003	0.975	1.089	1.016	1.049	8.17
112) T	Benzo(a)pyrene	0.946	0.806	0.998	0.977	0.898	1.052	1.081	1.156	1.167	1.009	11.73
113) I	IS1_Perylene-d12	----------------			ISTD				--------------------			
114) T	Indeno(1,2,3-cd)pyrene	0.978	0.845	0.969	0.950	0.893	1.071	1.097	1.152	1.090	1.005	10.22
115) T	Dibenzo[a,h]anthracene	0.899	0.877	1.081	0.970	0.948	1.025	1.057	1.092	1.053	1.000	7.95
116) T	Benzo(g,h,i)perylene	1.072	0.992	1.062	1.004	0.936	1.020	1.057	1.061	0.893	1.011	6.16

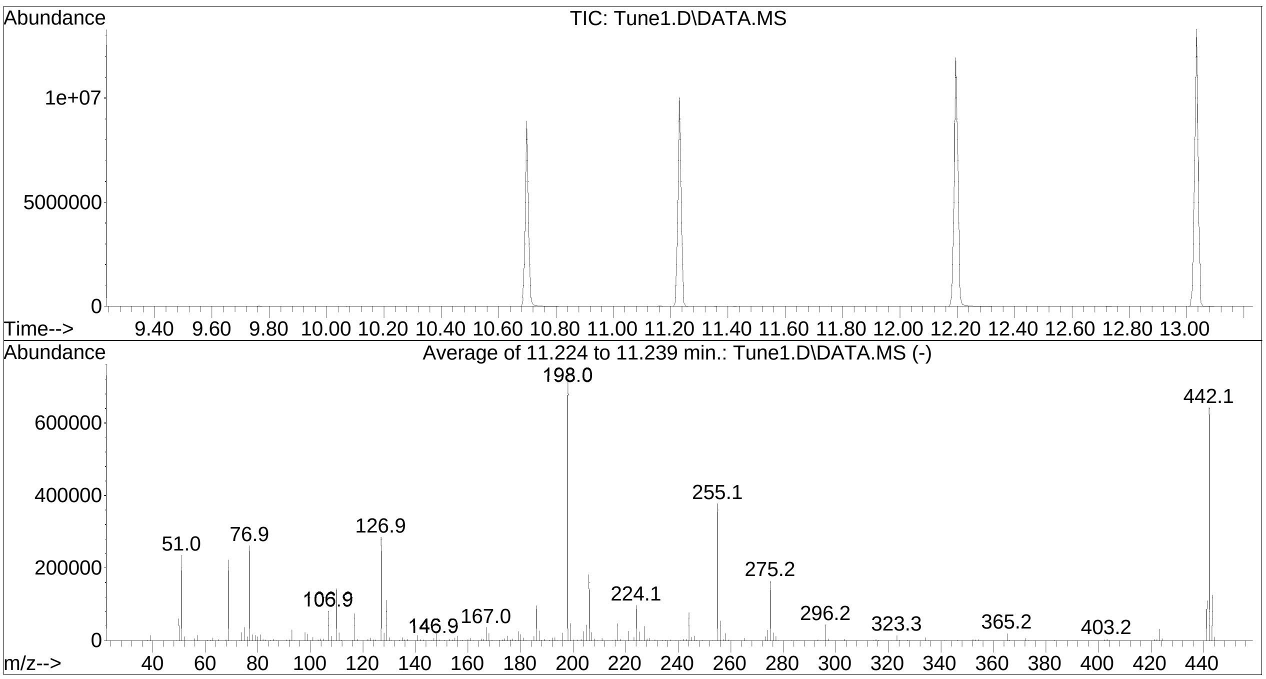
(#) = Out of Range

DFTPP

Data Path : I:\8270\SV107\250304ical\
Data File : Tune1.D
Acq On : 4 Mar 2025 9:26 pm
Operator : SV107:mrg
Sample : Tune lot #11424
Misc : WG2037043
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 05 14:58:54 2025



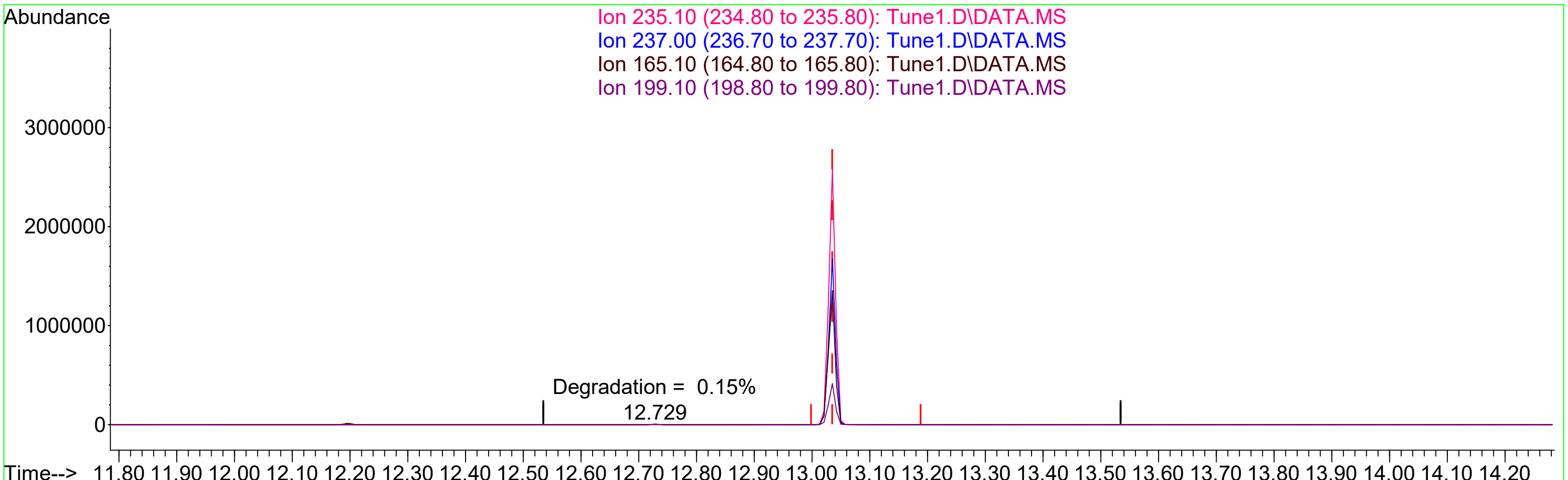
Spectrum Information: Average of 11.224 to 11.239 min.

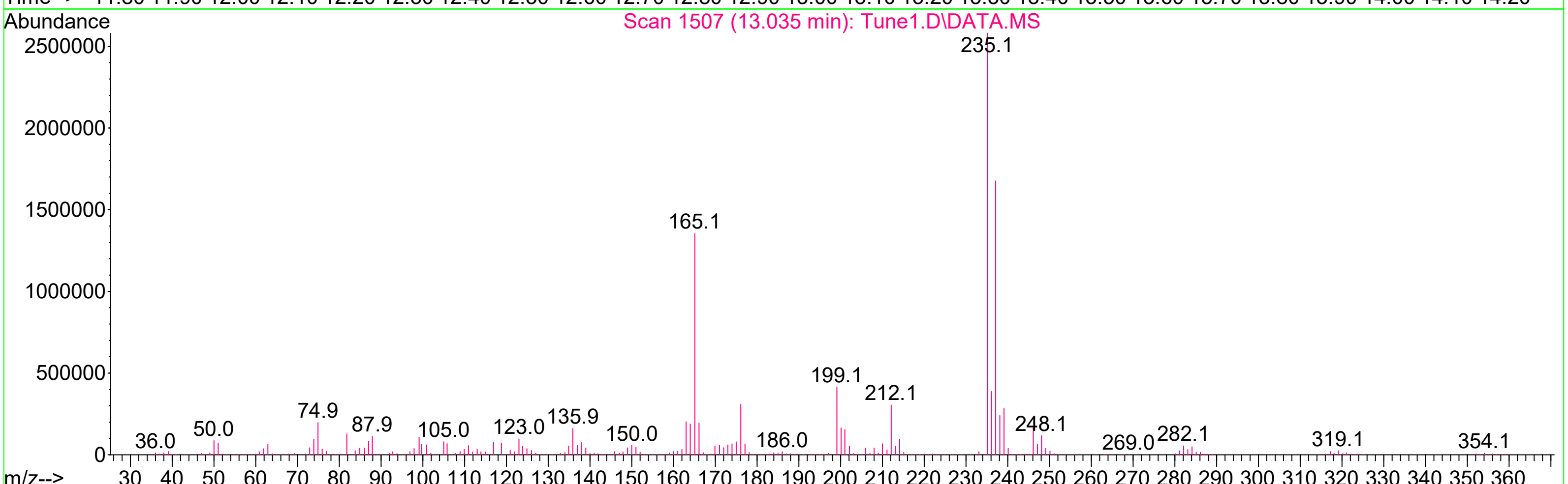
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	32.4	234891	PASS
68	69	0.00	2	1.5	3289	PASS
69	69	100	100	100.0	221861	PASS
70	69	0.00	2	0.5	1037	PASS
127	198	10	80	39.1	283968	PASS
197	198	0.00	2	0.4	3106	PASS
198	198	100	100	100.0	725973	PASS
199	198	5	9	6.7	48309	PASS
275	198	10	60	22.6	164291	PASS
365	198	1	100	2.7	19850	PASS
441	442	0.01	24	17.1	109827	PASS
442	198	50	100	88.4	641408	PASS
443	442	15	24	19.6	125963	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV107\250304ical\
Data File : Tune1.D
Acq On : 4 Mar 2025 9:26 pm
Operator : SV107:mrg
Sample : Tune lot #11424
Misc : WG2037043
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 04 21:45:40 2025
Quant Method : I:\8270\SV107\250304ical\DftppSV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 04 11:33:21 2025
Response via : Initial Calibration





CHROMtools™ [Tune lot #11424]

(6) DDT (T)

13.035min (+ 0.000) 397.09

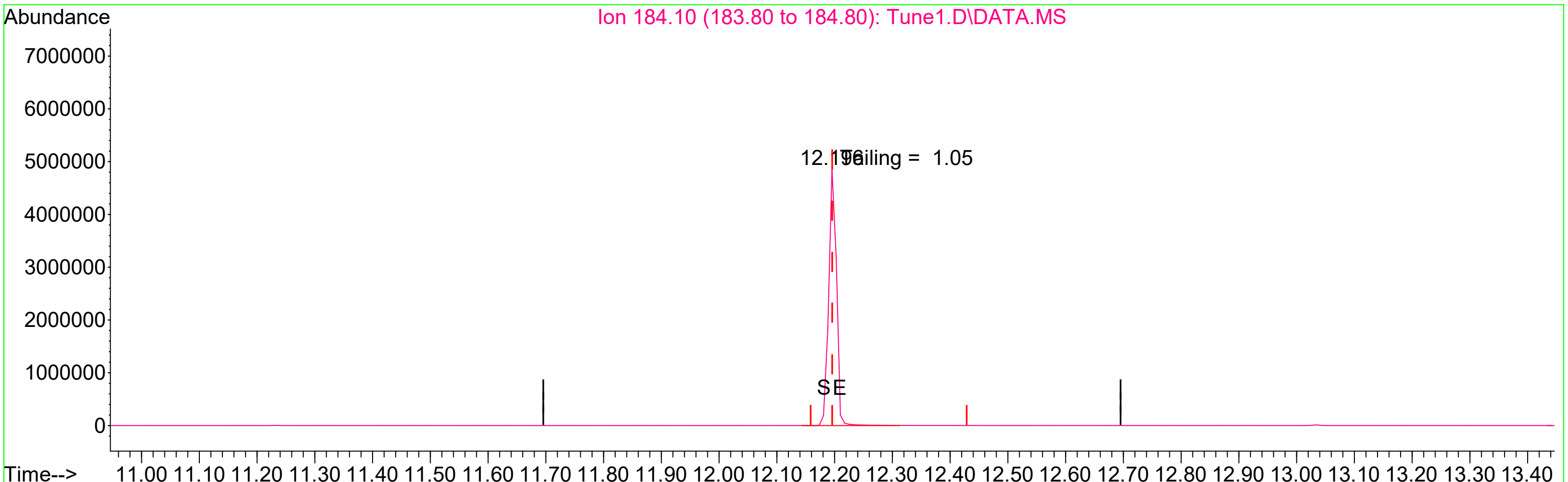
response 2420553

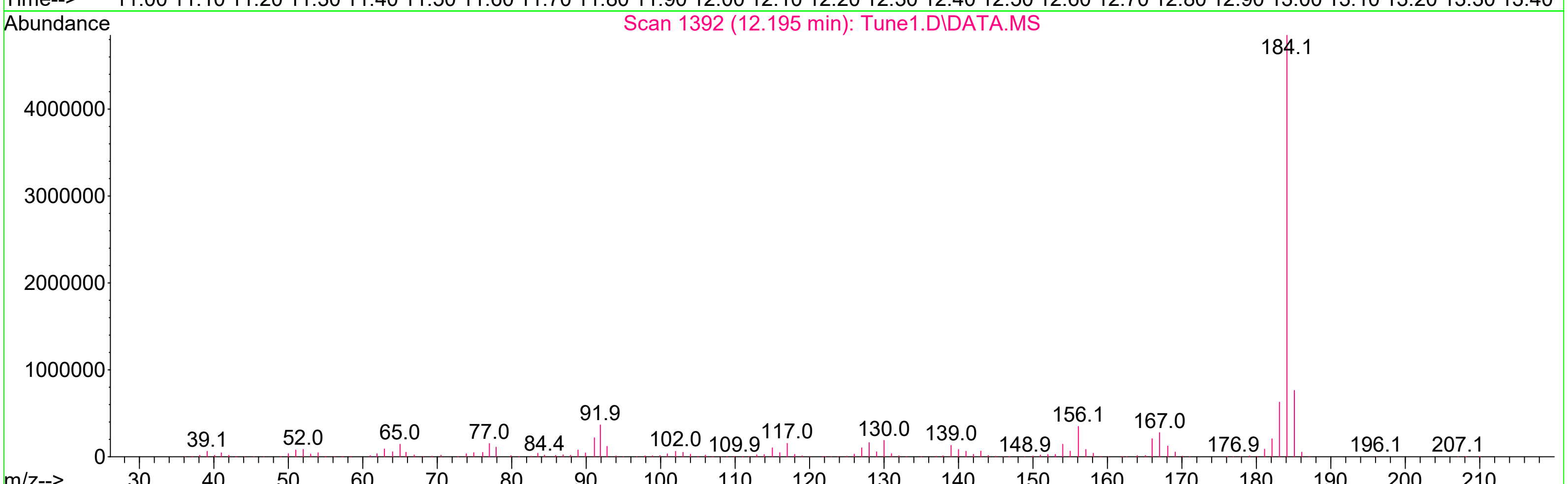
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.30	66.77
165.10	55.40	52.22
199.10	16.20	16.38

Quantitation Report (Qedit)

Data Path : I:\8270\SV107\250304ical\
Data File : Tune1.D
Acq On : 4 Mar 2025 9:26 pm
Operator : SV107:mrg
Sample : Tune lot #11424
Misc : WG2037043
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 04 21:45:40 2025
Quant Method : I:\8270\SV107\250304ical\DftppSV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 04 11:33:21 2025
Response via : Initial Calibration





CHROMtools™ [Tune lot #11424]

(3) Benzidine (T)

12.195min (-0.001) 448.11

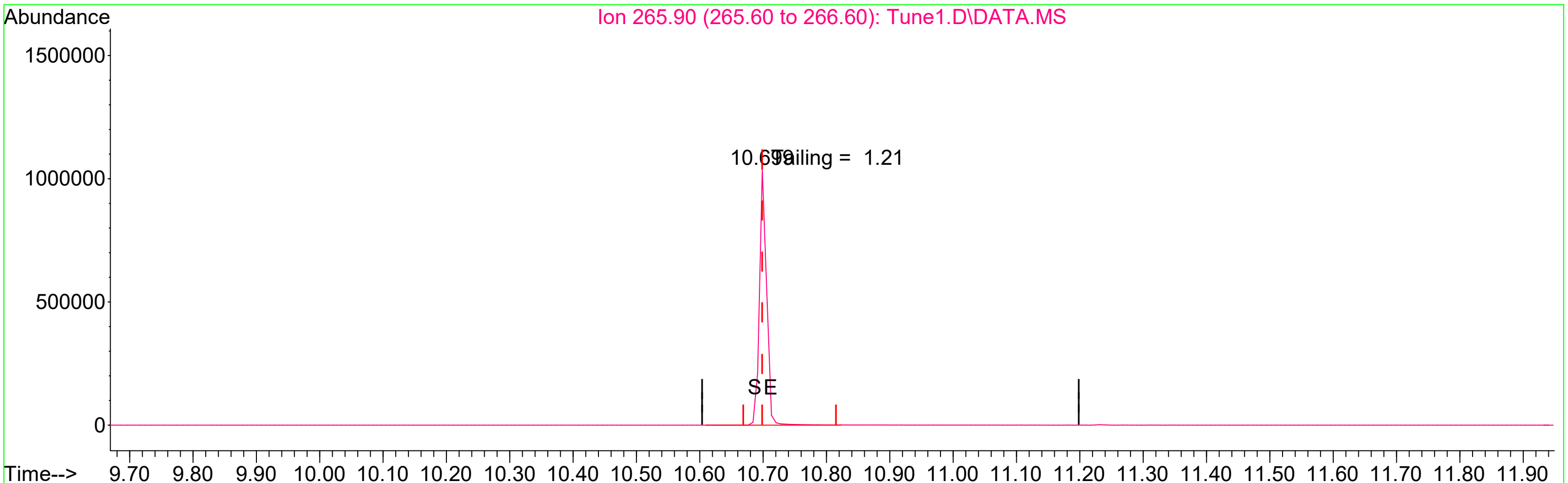
response 4561799

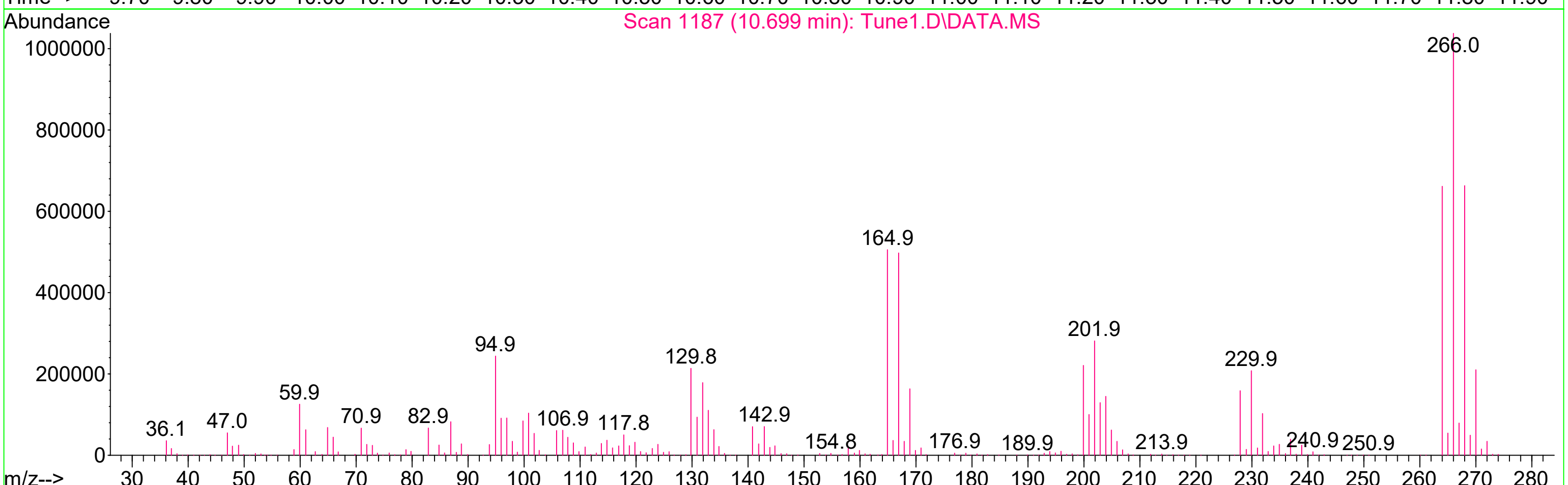
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV107\250304ical\
Data File : Tune1.D
Acq On : 4 Mar 2025 9:26 pm
Operator : SV107:mrg
Sample : Tune lot #11424
Misc : WG2037043
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 04 21:45:40 2025
Quant Method : I:\8270\SV107\250304ical\DftppSV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 04 11:33:21 2025
Response via : Initial Calibration





CHROMtools™ [Tune lot #11424]

(1) Pentachlorophenol (T)

10.699min (-0.000) 390.67

response 820555

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL9.D
Acq On : 4 Mar 2025 9:51 pm
Operator : SV107:mrg
Sample : IL2,32,,ABNL50 Lot# 11425
Misc : WG2037043
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 05 14:27:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

```
        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.222  152    103639     4.000 ug/ml  # 0.00
    Standard Area 1 = 102644                Recovery   =  100.97%
35) IS1_Naphthalene-d8          7.667  136    395200     4.000 ug/ml    0.00
    Standard Area 1 = 369160                Recovery   =  107.05%
63) IS1_Acenaphthene-d10        9.431  164    273038     4.000 ug/ml    0.01
    Standard Area 1 = 247025                Recovery   =  110.53%
88) IS1_Phenanthrene-d10       10.859  188    524066     4.000 ug/ml    0.00
    Standard Area 1 = 519096                Recovery   =  100.96%
104) IS1_Chrysene-d12          13.481  240    468293     4.000 ug/ml    0.00
    Standard Area 1 = 519087                Recovery   =   90.21%
113) IS1_Perylene-d12          14.935  264    507112     4.000 ug/ml    0.00
    Standard Area 1 = 504221                Recovery   =  100.57%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.179  112   1337305    50.825 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   = 2541.25%#
 7) Phenol-d6                   5.873   99   1652150    51.525 ug/ml   0.02
    Spiked Amount      2.000   Range  15 - 110    Recovery   = 2576.25%#
19) Nitrobenzene-d5             6.901   82   1654086    56.688 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 5668.80%#
46) 2-Fluorobiphenyl            8.795  172   4539505    46.799 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 4679.90%#
79) 2,4,6-Tribromophenol       10.203  330    791313    57.576 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   = 2878.80%#
96) 4-Terphenyl-d14            12.444  244   5716202    45.211 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 4521.10%#

 Target Compounds                                                 Qvalue
 2) n-Nitrosodimethylamine      1.911   74     899042     51.400 ug/ml#    71
 3) Pyridine                    1.933   79    1532245     47.808 ug/ml#    69
 5) Aniline                     5.805   93    2249976     55.321 ug/ml     98
 6) 2-Chlorophenol              5.958  128    1520835     51.590 ug/ml     93
 8) Phenol                      5.890   94    1807611     50.193 ug/ml     96
 9) Bis(2-chloroethyl)ether     5.950   93    1435054     49.987 ug/ml#    81
10) 1,3-Dichlorobenzene         6.145  146    1909893     48.980 ug/ml     95
11) 1,4-Dichlorobenzene         6.239  146    1948798     48.471 ug/ml     94
12) 1,2-Dichlorobenzene         6.426  146    1905475     50.078 ug/ml     94
13) Benzyl alcohol              6.451   79    1286833     58.416 ug/ml     97
14) Bis(2-chloroisopropyl)...   6.631   45    2675711     57.013 ug/ml#    62
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL9.D
Acq On : 4 Mar 2025 9:51 pm
Operator : SV107:mrg
Sample : IL2,32,,ABNL50 Lot# 11425
Misc : WG2037043
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 05 14:27:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.631	108	1520007	57.459	ug/ml	97
16) Hexachloroethane	6.819	117	713328	53.094	ug/ml#	51
17) n-Nitrosodi-n-propylamine	6.781	70	1195009	57.333	ug/ml	95
18) 3-Methylphenol/4-Methy...	6.826	108	1575158	56.416	ug/ml	98
20) Nitrobenzene	6.924	77	1630444	55.211	ug/ml	96
21) Isophorone	7.209	82	3219465	56.729	ug/ml	99
22) 2-Nitrophenol	7.277	139	881507	63.045	ug/ml	88
23) 2,4-Dimethylphenol	7.397	107	1769272	58.807	ug/ml	98
24) Bis(2-chloroethoxy)met...	7.480	93	1317758	32.017	ug/ml	96
25) 2,4-Dichlorophenol	7.552	162	1803177	58.983	ug/ml#	92
26) 1,2,4-Trichlorobenzene	7.624	180	2029623	51.638	ug/ml	96
36) Naphthalene	7.689	128	4752320	46.788	ug/ml	98
37) Benzoic Acid	7.603	105	1266354M3	38.866	ug/ml	
38) 4-Chloroaniline	7.783	65	655928	51.131	ug/ml	84
39) Hexachlorobutadiene	7.855	225	1159223	47.534	ug/ml	99
40) p-Chloro-m-cresol	8.319	107	1578700	58.482	ug/ml	93
41) 2-Methylnaphthalene	8.408	142	3119320	48.078	ug/ml	96
42) 1-Methylnaphthalene	8.507	115	1186992	50.993	ug/ml	95
43) Hexachlorocyclopentadiene	8.588	237	1648989	60.142	ug/ml	98
44) 2,4,6-Trichlorophenol	8.714	196	1526217	58.425	ug/ml	99
45) 2,4,5-Trichlorophenol	8.741	196	1615360	59.353	ug/ml	99
47) 2-Chloronaphthalene	8.885	162	3797935	48.377	ug/ml	93
48) 2-Nitroaniline	9.011	138	1192107	62.133	ug/ml#	82
49) 1,4-Dinitrobenzene	9.147	168	792888	50.479	ug/ml#	61
50) 1,3-Dinitrobenzene	9.226	168	743316	58.971	ug/ml#	1
51) Dimethyl phthalate	9.226	163	4707003	49.480	ug/ml#	97
52) Acenaphthylene	9.294	152	6116169	51.119	ug/ml	95
53) 2,6-Dinitrotoluene	9.265	165	1089261	61.084	ug/ml#	70
54) 1,2-Dinitrobenzene	9.314	168	461829	60.974	ug/ml#	1
64) 3-Nitroaniline	9.421	138	1083244	61.042	ug/ml#	87
65) Acenaphthene	9.470	154	3520192	47.656	ug/ml	91
66) 2,4-Dinitrophenol	9.519	184	608722	49.403	ug/ml#	80
67) Dibenzofuran	9.637	168	5748279	45.618	ug/ml#	80
68) 2,4-Dinitrotoluene	9.656	165	1474759	57.253	ug/ml#	83
69) 4-Nitrophenol	9.617	65	835671M6	61.146	ug/ml	
70) 2,3,5,6-Tetrachlorophenol	9.725	232	1306072	58.015	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	9.774	232	1355938	55.891	ug/ml	97
72) Diethyl phthalate	9.914	149	4735371	52.072	ug/ml	96
73) Fluorene	9.971	166	4649432	47.642	ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.985	204	2232923	44.608	ug/ml#	88

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL9.D
Acq On   : 4 Mar 2025   9:51 pm
Operator : SV107:mrg
Sample   : IL2,32,,ABNL50 Lot# 11425
Misc   : WG2037043
ALS Vial : 1   Sample Multiplier: 1

Quant Time: Mar 05 14:27:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List   : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	10.020	138	980386	58.354	ug/ml	85
76)	4,6-Dinitro-o-cresol	10.048	198	841096	51.516	ug/ml#	62
77)	NDPA/DPA	10.112	169	4039508	49.300	ug/ml	92
78)	Azobenzene	10.140	77	3868211M6	49.999	ug/ml	
80)	4-Bromophenyl phenyl e...	10.453	248	1478312	49.297	ug/ml#	84
81)	Hexachlorobenzene	10.506	284	1594992	45.563	ug/ml#	83
82)	Pentachlorophenol	10.699	266	1143012	59.769	ug/ml	99
89)	Phenanthrene	10.888	178	6645394	44.910	ug/ml	95
90)	Anthracene	10.940	178	6761280	47.751	ug/ml	94
91)	Carbazole	11.107	167	6604346	51.831	ug/ml	95
92)	Di-n-butylphthalate	11.502	149	7955369	60.939	ug/ml#	96
93)	Fluoranthene	12.035	202	7684091	47.441	ug/ml#	91
94)	Benzidine	12.195	184	5376294	49.837	ug/ml#	93
95)	Pyrene	12.254	202	7672074	45.141	ug/ml	93
97)	Butyl benzyl phthalate	12.962	149	3653238	51.700	ug/ml#	83
105)	Benzo(a)anthracene	13.474	228	6921591	47.338	ug/ml	95
106)	3,3'-Dichlorobenzidine	13.481	252	2787233	59.100	ug/ml#	96
107)	Chrysene	13.513	228	6530743	45.244	ug/ml	93
108)	Bis(2-ethylhexyl)phtha...	13.600	149	5160354	49.405	ug/ml#	99
109)	Di-n-octylphthalate	14.274	149	8719510	49.282	ug/ml#	73
110)	Benzo(b)fluoranthene	14.576	252	7858282	55.434	ug/ml#	93
111)	Benzo(k)fluoranthene	14.608	252	5945430	48.422	ug/ml#	92
112)	Benzo(a)pyrene	14.895	252	6831932	57.832	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.916	276	6907649M6	54.213	ug/mL	
115)	Dibenzo(a,h)anthracene	15.939	278	6677568	52.646	ug/ml#	90
116)	Benzo(ghi)perylene	16.154	276	5661125	44.178	ug/ml#	88

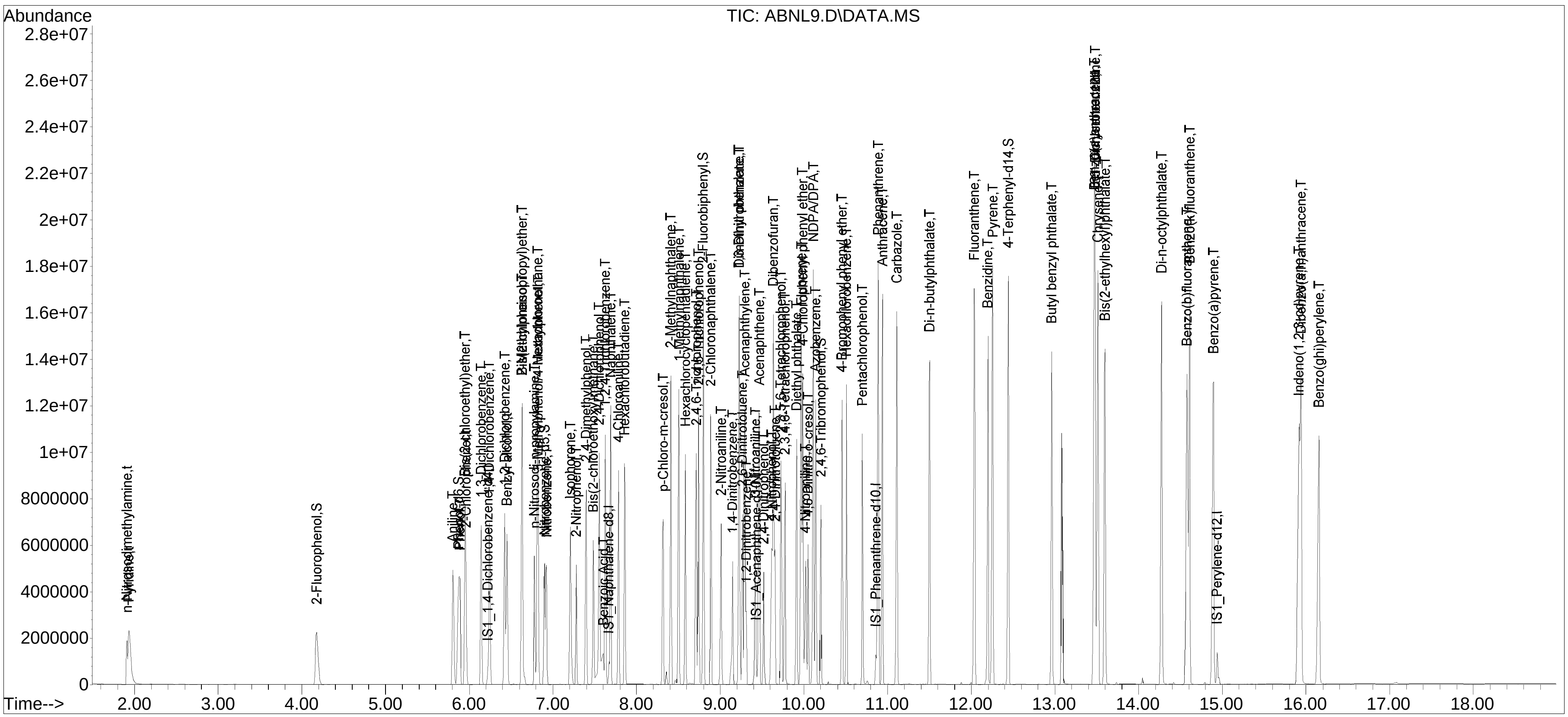
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL9.D
Acq On   : 4 Mar 2025   9:51 pm
Operator : SV107:mrg
Sample   : IL2,32,,ABNL50 Lot# 11425
Misc   : WG2037043
ALS Vial : 1   Sample Multiplier: 1

Quant Time: Mar 05 14:27:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

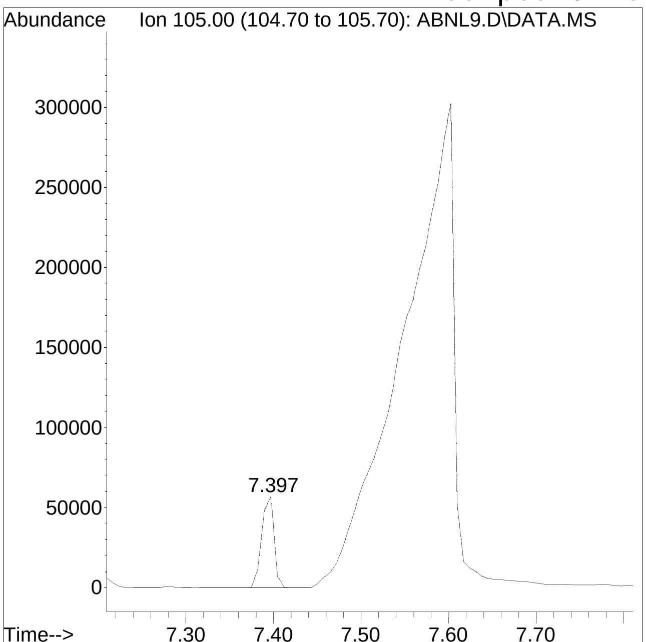
Sub List   : ABNical - ABN ical sublistal\ABNL6.D•

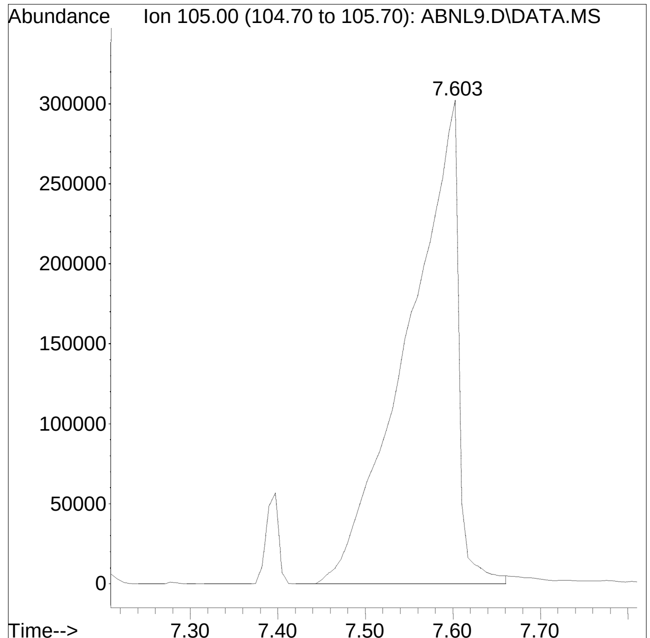


Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ABNL9.D	Operator	: SV107:mrg
Date Inj'd	: 3/4/2025 9:51 pm	Instrument	: SV107
Sample	: IL2,32,,ABNL50 Lot# 11425	Quant Date	: 3/5/2025 2:28 pm

Compound #37: Benzoic Acid





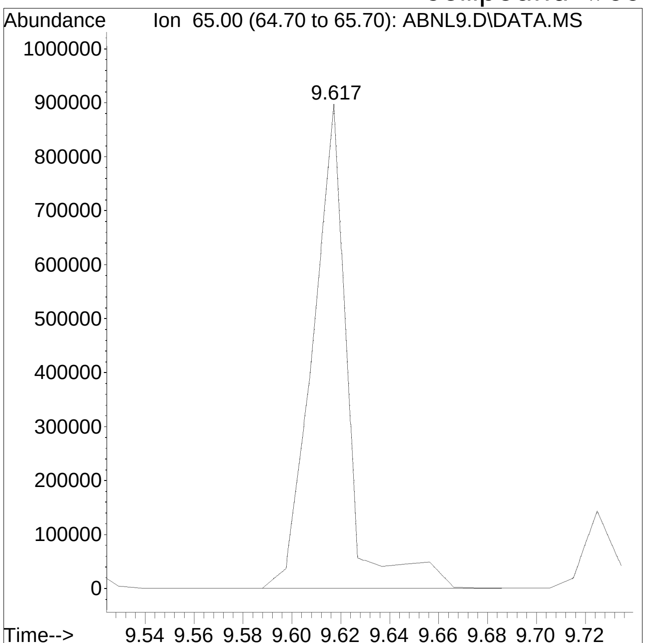
Original Peak Response = 56303 Manual Peak Response = 1266354 M3

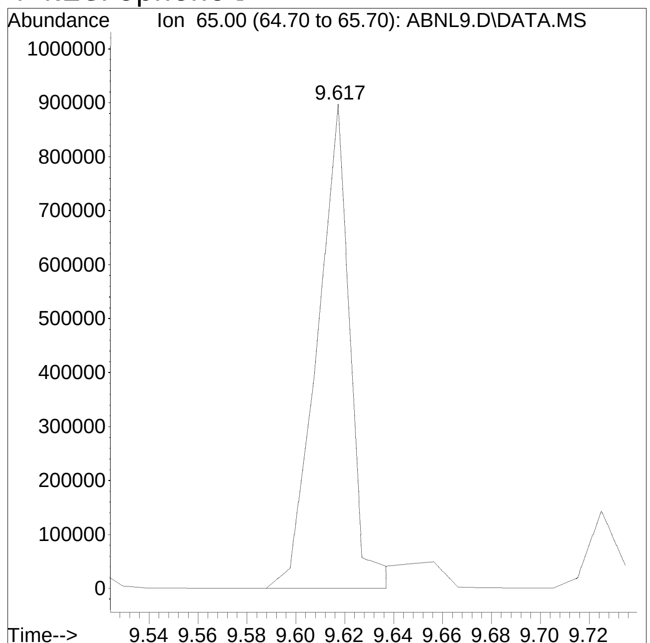
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ABNL9.D	Operator	: SV107:mrg
Date Inj'd	: 3/4/2025 9:51 pm	Instrument	: SV107
Sample	: IL2,32,,ABNL50 Lot# 11425	Quant Date	: 3/5/2025 2:28 pm

Compound #69: 4-Nitrophenol





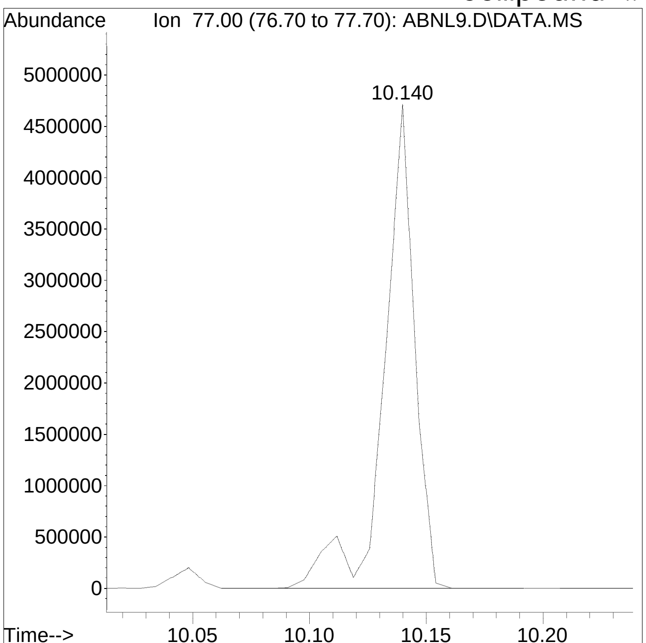
Original Peak Response = 891622 Manual Peak Response = 835671 M6

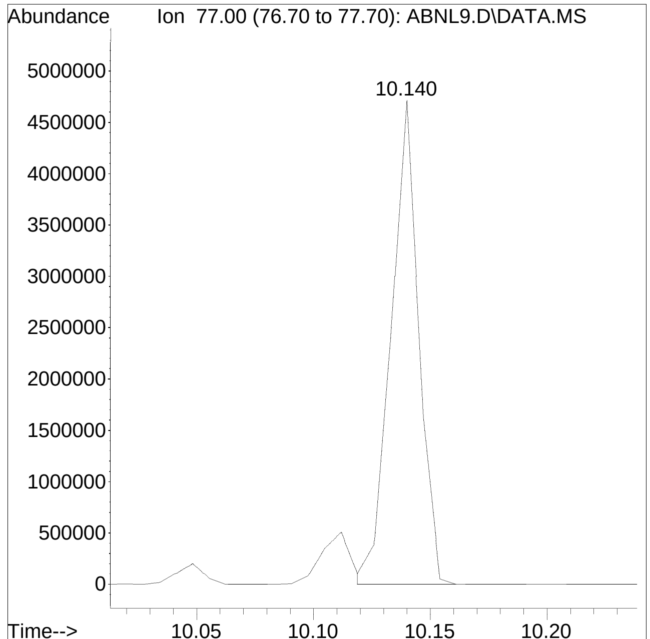
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\SV107\250304ical\ QMethod : FS250303SV107RVT.m
Data File : ABNL9.D Operator : SV107:mrg
Date Inj'd : 3/4/2025 9:51 pm Instrument : SV107
Sample : IL2,32,,ABNL50 Lot# 11425 Quant Date : 3/5/2025 2:28 pm

Compound #78: Azobenzene



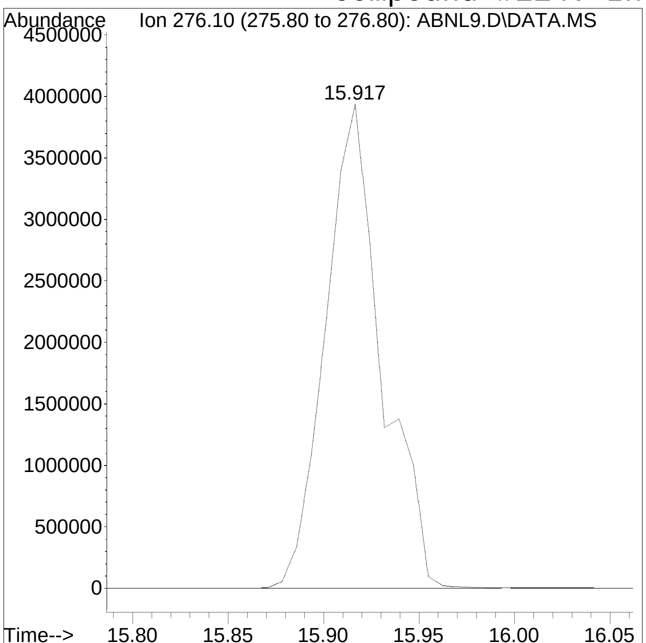


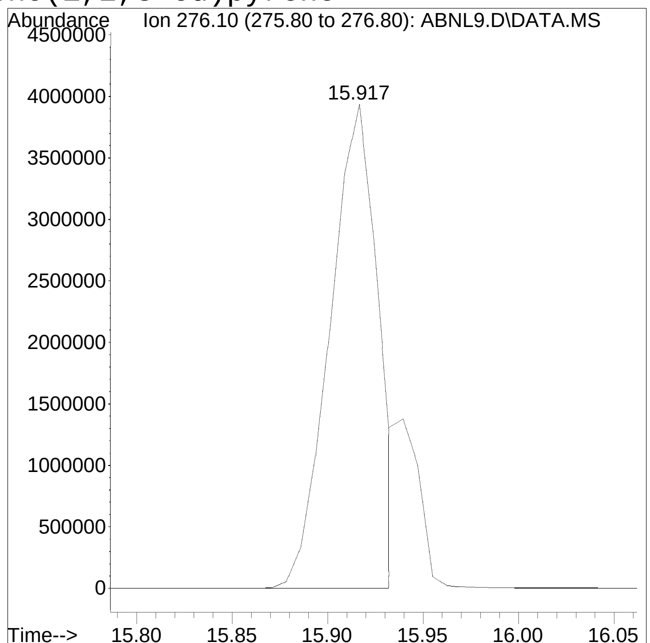
Original Peak Response = 4310599 Manual Peak Response = 3868211 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : ABNL9.D                    Operator    : SV107:mrg
Date Inj'd  : 3/4/2025  9:51 pm          Instrument  : SV107
Sample      : IL2,32,,ABNL50 Lot# 11425 Quant Date  : 3/5/2025  2:28 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 8069236   Manual Peak Response = 6907649 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ABNL8.D
Acq On    :  4 Mar 2025  10:16 pm
Operator  : SV107:mrg
Sample    : IL3,32,,ABNL25 Lot# 11426
Misc      : WG2037043
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 05 14:27:00 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...    6.222  152    101112     4.000 ug/ml  # 0.00
   Standard Area 1 = 102644                  Recovery   =   98.51%
35) IS1_Naphthalene-d8           7.667  136    380056     4.000 ug/ml    0.00
   Standard Area 1 = 369160                  Recovery   =  102.95%
63) IS1_Acenaphthene-d10         9.431  164    266626     4.000 ug/ml    0.01
   Standard Area 1 = 247025                  Recovery   =  107.93%
88) IS1_Phenanthrene-d10        10.859  188    526749     4.000 ug/ml    0.00
   Standard Area 1 = 519096                  Recovery   =  101.47%
104) IS1_Chrysene-d12           13.481  240    493135     4.000 ug/ml    0.00
   Standard Area 1 = 519087                  Recovery   =   95.00%
113) IS1_Perylene-d12           14.935  264    497296     4.000 ug/ml    0.00
   Standard Area 1 = 504221                  Recovery   =   98.63%

 System Monitoring Compounds
 4) 2-Fluorophenol               4.179  112    689758    26.870 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   = 1343.50%#
 7) Phenol-d6                    5.865   99    844935    27.009 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   = 1350.45%#
19) Nitrobenzene-d5              6.894   82    816443    28.680 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   = 2868.00%#
46) 2-Fluorobiphenyl             8.795  172   2350000    25.192 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   = 2519.20%#
79) 2,4,6-Tribromophenol        10.196  330    388629    28.957 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   = 1447.85%#
96) 4-Terphenyl-d14             12.436  244   3204336    25.215 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   = 2521.50%#

 Target Compounds                                                 Qvalue
 2) n-Nitrosodimethylamine       1.911   74     467268     27.382 ug/ml#    72
 3) Pyridine                     1.933   79     757043     24.211 ug/ml#    71
 5) Aniline                      5.805   93    1129809     28.474 ug/ml     99
 6) 2-Chlorophenol               5.950  128     763852     26.559 ug/ml     94
 8) Phenol                       5.882   94     916210     26.077 ug/ml     97
 9) Bis(2-chloroethyl)ether      5.941   93     712870     25.452 ug/ml#    78
10) 1,3-Dichlorobenzene          6.145  146     958680     25.200 ug/ml     95
11) 1,4-Dichlorobenzene          6.239  146     972640     24.796 ug/ml     95
12) 1,2-Dichlorobenzene          6.426  146     941758     25.369 ug/ml     94
13) Benzyl alcohol               6.443   79     627824     29.212 ug/ml     97
14) Bis(2-chloroisopropyl)...    6.631   45    1199737     26.202 ug/ml#    57
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL8.D
Acq On : 4 Mar 2025 10:16 pm
Operator : SV107:mrg
Sample : IL3,32,,ABNL25 Lot# 11426
Misc : WG2037043
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 14:27:00 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	6.624	108	732611	28.386 ug/ml	98
16) Hexachloroethane	6.819	117	356627	27.208 ug/ml#	51
17) n-Nitrosodi-n-propylamine	6.774	70	595301	29.275 ug/ml	94
18) 3-Methylphenol/4-Methy...	6.819	108	774113	28.419 ug/ml	97
20) Nitrobenzene	6.916	77	813250	28.227 ug/ml	97
21) Isophorone	7.202	82	1603996	28.970 ug/ml	99
22) 2-Nitrophenol	7.277	139	425607	31.200 ug/ml	89
23) 2,4-Dimethylphenol	7.390	107	858777	29.257 ug/ml	99
24) Bis(2-chloroethoxy)met...	7.480	93	1144189	28.494 ug/ml	95
25) 2,4-Dichlorophenol	7.545	162	880063	29.507 ug/ml#	92
26) 1,2,4-Trichlorobenzene	7.624	180	996731	25.993 ug/ml	97
36) Naphthalene	7.689	128	2400251	24.573 ug/ml	99
37) Benzoic Acid	7.560	105	598495M4	25.044 ug/ml	
38) 4-Chloroaniline	7.775	65	318667	25.831 ug/ml	86
39) Hexachlorobutadiene	7.855	225	561465	23.941 ug/ml	99
40) p-Chloro-m-cresol	8.310	107	762107	29.357 ug/ml	95
41) 2-Methylnaphthalene	8.408	142	1590062	25.484 ug/ml	95
42) 1-Methylnaphthalene	8.498	115	551501	24.637 ug/ml	92
43) Hexachlorocyclopentadiene	8.588	237	758467	28.765 ug/ml	98
44) 2,4,6-Trichlorophenol	8.705	196	738069	29.380 ug/ml	99
45) 2,4,5-Trichlorophenol	8.741	196	779213	29.772 ug/ml	99
47) 2-Chloronaphthalene	8.885	162	1854898	24.569 ug/ml	93
48) 2-Nitroaniline	9.002	138	567480	30.756 ug/ml#	81
49) 1,4-Dinitrobenzene	9.147	168	398643	26.587 ug/ml#	60
50) 1,3-Dinitrobenzene	9.216	168	364981	30.109 ug/ml#	1
51) Dimethyl phthalate	9.216	163	2412096	26.366 ug/ml#	98
52) Acenaphthylene	9.284	152	3024256	26.284 ug/ml	98
53) 2,6-Dinitrotoluene	9.255	165	491783	28.677 ug/ml#	77
54) 1,2-Dinitrobenzene	9.304	168	221439	30.401 ug/ml#	1
64) 3-Nitroaniline	9.412	138	516531	29.807 ug/ml	88
65) Acenaphthene	9.461	154	1700954	23.581 ug/ml	91
66) 2,4-Dinitrophenol	9.509	184	285488	26.583 ug/ml#	79
67) Dibenzofuran	9.627	168	2897828	23.550 ug/ml#	85
68) 2,4-Dinitrotoluene	9.647	165	724473	28.802 ug/ml#	83
69) 4-Nitrophenol	9.607	65	392542M6	29.413 ug/ml	
70) 2,3,5,6-Tetrachlorophenol	9.725	232	661987	30.112 ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	9.764	232	630998	26.635 ug/ml	97
72) Diethyl phthalate	9.907	149	2343470	26.390 ug/ml	96
73) Fluorene	9.964	166	2345773	24.615 ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.985	204	1123325	22.981 ug/ml#	87

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL8.D
Acq On : 4 Mar 2025 10:16 pm
Operator : SV107:mrg
Sample : IL3,32,,ABNL25 Lot# 11426
Misc : WG2037043
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 14:27:00 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	10.006	138	494352	30.132	ug/ml	84
76)	4,6-Dinitro-o-cresol	10.041	198	404252	25.569	ug/ml#	58
77)	NDPA/DPA	10.105	169	2032682	25.404	ug/ml	92
78)	Azobenzene	10.133	77	1964810	26.007	ug/ml#	91
80)	4-Bromophenyl phenyl e...	10.453	248	722071	24.658	ug/ml#	84
81)	Hexachlorobenzene	10.506	284	787160	23.027	ug/ml#	83
82)	Pentachlorophenol	10.699	266	554577	29.697	ug/ml	99
89)	Phenanthrene	10.881	178	3584679	24.102	ug/ml	98
90)	Anthracene	10.932	178	3621923	25.449	ug/ml	97
91)	Carbazole	11.100	167	3452655	26.958	ug/ml	97
92)	Di-n-butylphthalate	11.494	149	4224043	32.192	ug/ml	97
93)	Fluoranthene	12.035	202	4184312	25.702	ug/ml#	91
94)	Benzidine	12.188	184	2790451	25.906	ug/ml#	93
95)	Pyrene	12.247	202	4210491	24.648	ug/ml	96
97)	Butyl benzyl phthalate	12.962	149	1802057	25.614	ug/ml#	84
105)	Benzo(a)anthracene	13.466	228	4087788	26.549	ug/ml	96
106)	3,3'-Dichlorobenzidine	13.474	252	1556933	31.350	ug/ml#	97
107)	Chrysene	13.505	228	3433830	22.591	ug/ml	96
108)	Bis(2-ethylhexyl)phtha...	13.592	149	2653741	26.608	ug/ml#	98
109)	Di-n-octylphthalate	14.274	149	4578305	26.955	ug/ml#	73
110)	Benzo(b)fluoranthene	14.569	252	3956222	26.502	ug/ml#	94
111)	Benzo(k)fluoranthene	14.600	252	3355371	25.951	ug/ml#	93
112)	Benzo(a)pyrene	14.879	252	3562486	28.637	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.901	276	3579066M6	28.644	ug/mL	
115)	Dibenzo(a,h)anthracene	15.924	278	3393776	27.285	ug/ml#	89
116)	Benzo(ghi)perylene	16.146	276	3297796	26.243	ug/ml#	88

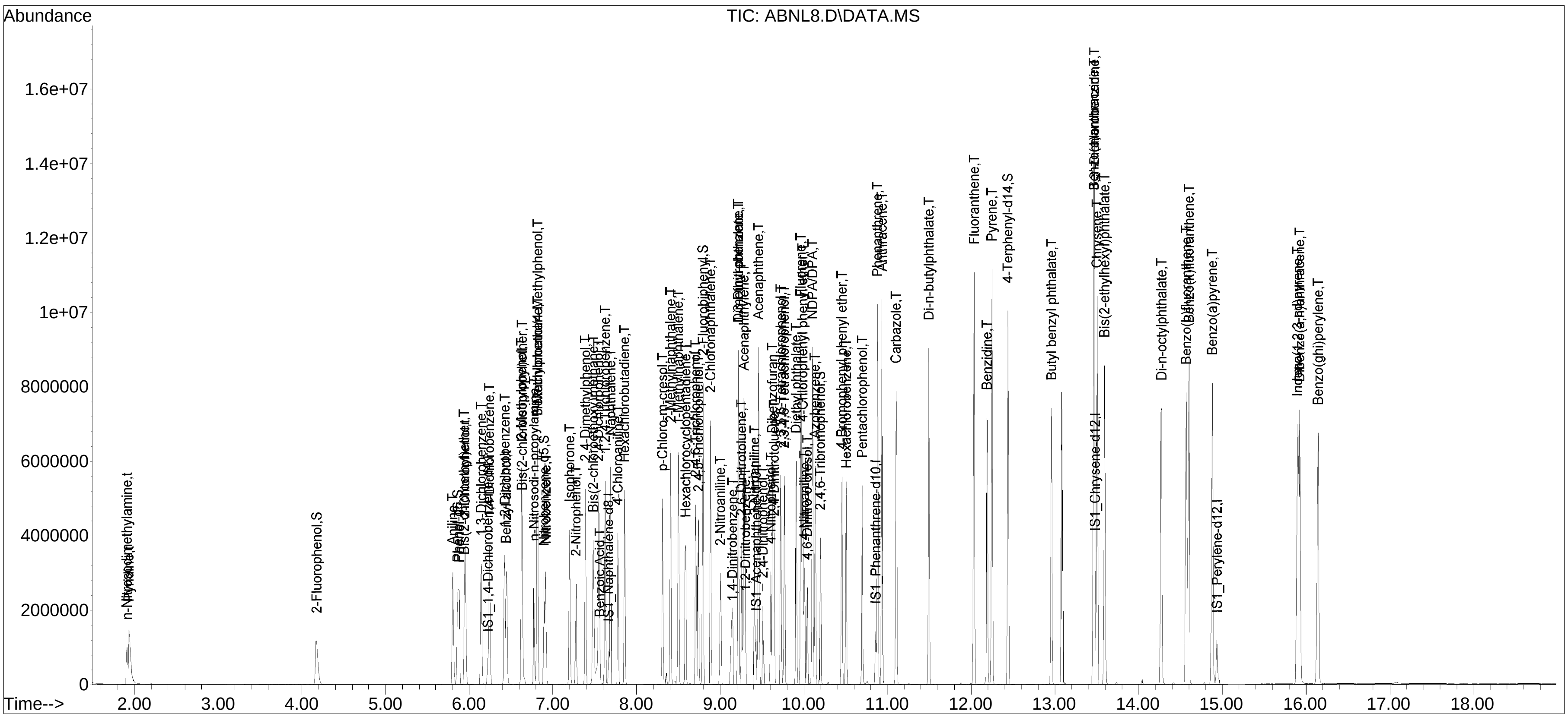
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL8.D
Acq On : 4 Mar 2025 10:16 pm
Operator : SV107:mrg
Sample : IL3,32,,ABNL25 Lot# 11426
Misc : WG2037043
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 14:27:00 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

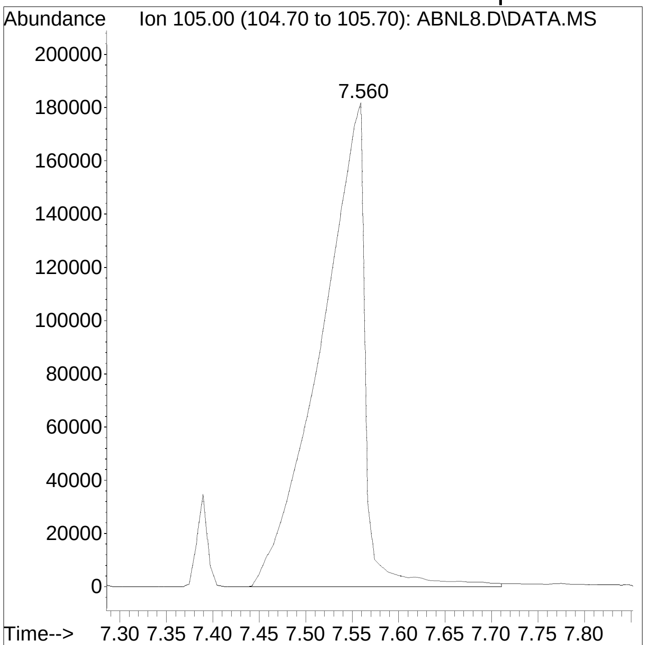
Sub List : ABNical - ABN ical sublistal\ABNL6.D•

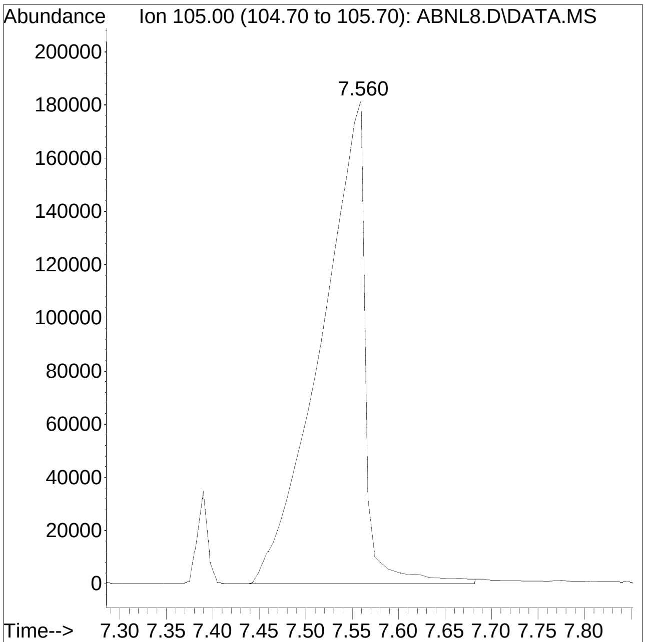


Manual Integration Report

Data Path : I:\8270\SV107\250304ical\ QMethod : FS250303SV107RVT.m
Data File : ABNL8.D Operator : SV107:mrg
Date Inj'd : 3/4/2025 10:16 pm Instrument : SV107
Sample : IL3,32,,ABNL25 Lot# 11426 Quant Date : 3/5/2025 2:27 pm

Compound #37: Benzoic Acid



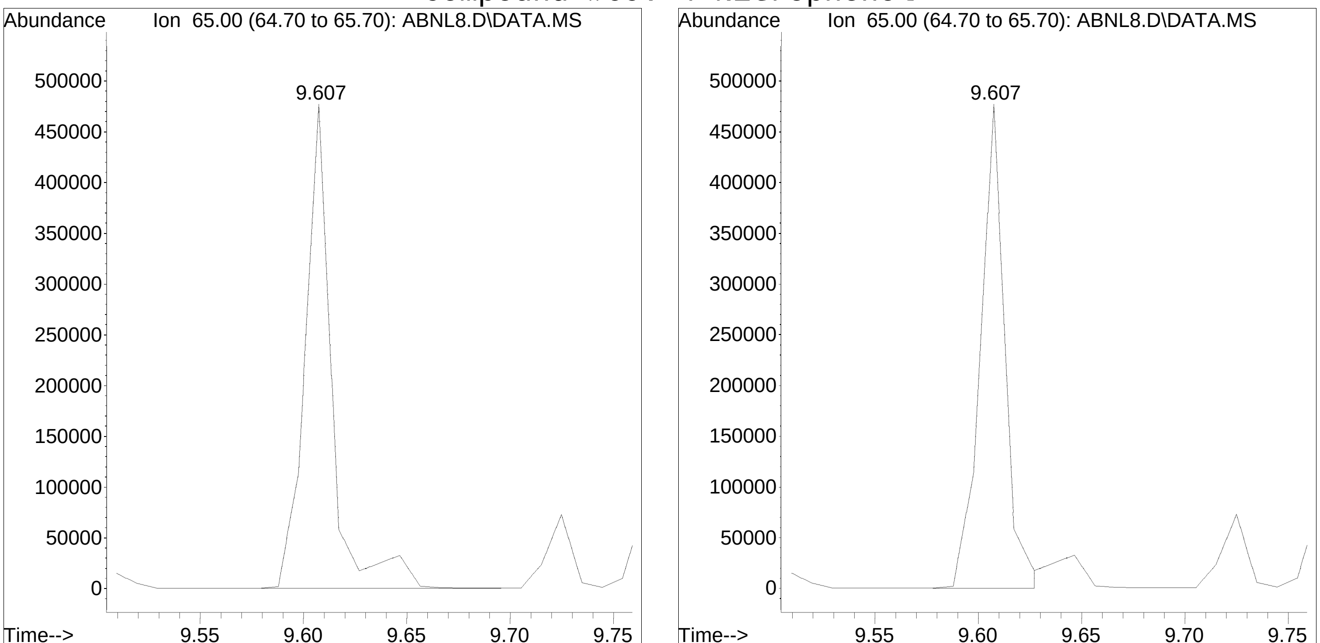


Original Peak Response = 596223 Manual Peak Response = 598495 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ABNL8.D	Operator	: SV107:mrg
Date Inj'd	: 3/4/2025 10:16 pm	Instrument	: SV107
Sample	: IL3,32,,ABNL25 Lot# 11426	Quant Date	: 3/5/2025 2:27 pm

Compound #69: 4-Nitrophenol



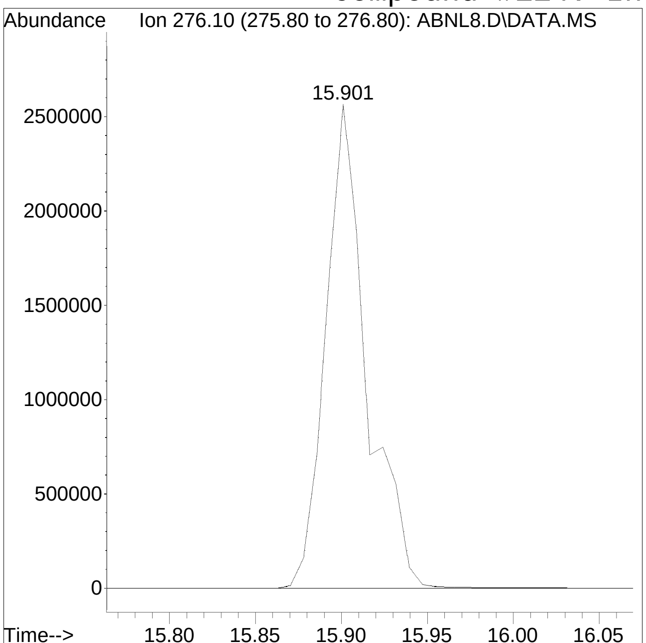
Original Peak Response = 427738   Manual Peak Response = 392542 M6

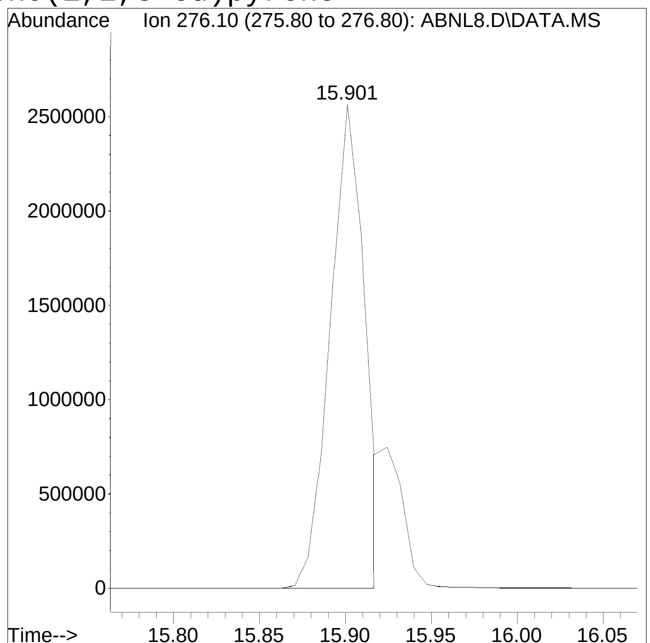
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ABNL8.D	Operator	: SV107:mrg
Date Inj'd	: 3/4/2025 10:16 pm	Instrument	: SV107
Sample	: IL3,32,,ABNL25 Lot# 11426	Quant Date	: 3/5/2025 2:27 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 4252969 Manual Peak Response = 3579066 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ABNL7.D
Acq On    :  4 Mar 2025  10:42 pm
Operator  : SV107:mrg
Sample    : IL4,32,,ABNL10 Lot# 11427
Misc      : WG2037043
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Mar 05 14:26:51 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.222  152     93779     4.000 ug/ml  # 0.00
   Standard Area 1 = 102644                 Recovery   =   91.36%
35) IS1_Naphthalene-d8          7.660  136    341910     4.000 ug/ml    0.00
   Standard Area 1 = 369160                 Recovery   =   92.62%
63) IS1_Acenaphthene-d10        9.431  164    224328     4.000 ug/ml    0.01
   Standard Area 1 = 247025                 Recovery   =   90.81%
88) IS1_Phenanthrene-d10       10.859  188    450961     4.000 ug/ml    0.00
   Standard Area 1 = 519096                 Recovery   =   86.87%
104) IS1_Chrysene-d12          13.474  240    449437     4.000 ug/ml  # 0.00
   Standard Area 1 = 519087                 Recovery   =   86.58%
113) IS1_Perylene-d12          14.927  264    444801     4.000 ug/ml    0.00
   Standard Area 1 = 504221                 Recovery   =   88.22%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.172  112    249751    10.490 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  524.50%#
 7) Phenol-d6                   5.856   99    298407    10.285 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  514.25%#
19) Nitrobenzene-d5             6.894   82    279031    10.568 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   = 1056.80%#
46) 2-Fluorobiphenyl            8.795  172    778962     9.282 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  928.20%#
79) 2,4,6-Tribromophenol       10.196  330    120727    10.692 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  534.60%#
96) 4-Terphenyl-d14            12.436  244   1080539     9.932 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  993.20%#

 Target Compounds                                                   Qvalue
 2) n-Nitrosodimethylamine      1.904   74     161786     10.222 ug/ml#    71
 3) Pyridine                    1.933   79     294920     10.169 ug/ml#    70
 5) Aniline                     5.806   93     401443     10.908 ug/ml     98
 6) 2-Chlorophenol              5.950  128     276559     10.368 ug/ml     94
 8) Phenol                      5.873   94     326982     10.034 ug/ml     97
 9) Bis(2-chloroethyl)ether     5.941   93     253326      9.752 ug/ml#    78
10) 1,3-Dichlorobenzene         6.137  146     339401      9.619 ug/ml     95
11) 1,4-Dichlorobenzene         6.239  146     350806      9.643 ug/ml     95
12) 1,2-Dichlorobenzene         6.426  146     334794      9.724 ug/ml     94
13) Benzyl alcohol              6.443   79     209052     10.488 ug/ml     97
14) Bis(2-chloroisopropyl)...   6.631   45     415281      9.779 ug/ml#    57
```

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL7.D
Acq On   : 4 Mar 2025 10:42 pm
Operator : SV107:mrg
Sample   : IL4,32,,ABNL10 Lot# 11427
Misc   : WG2037043
ALS Vial : 3   Sample Multiplier: 1

Quant Time: Mar 05 14:26:51 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List   : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.624	108	242772	10.142	ug/ml	96
16) Hexachloroethane	6.811	117	124170	10.214	ug/ml#	48
17) n-Nitrosodi-n-propylamine	6.774	70	194741	10.326	ug/ml	93
18) 3-Methylphenol/4-Methy...	6.811	108	262063	10.373	ug/ml	99
20) Nitrobenzene	6.917	77	283010	10.591	ug/ml	98
21) Isophorone	7.194	82	539613	10.508	ug/ml	98
22) 2-Nitrophenol	7.277	139	131886	10.424	ug/ml	89
23) 2,4-Dimethylphenol	7.382	107	284646	10.456	ug/ml	99
24) Bis(2-chloroethoxy)met...	7.472	93	379305	10.185	ug/ml	96
25) 2,4-Dichlorophenol	7.545	162	292928	10.589	ug/ml#	92
26) 1,2,4-Trichlorobenzene	7.617	180	341444	9.600	ug/ml	97
36) Naphthalene	7.682	128	831917	9.467	ug/ml	99
37) Benzoic Acid	7.509	105	140079	9.889	ug/ml	94
38) 4-Chloroaniline	7.775	65	110370	9.945	ug/ml	85
39) Hexachlorobutadiene	7.855	225	199786	9.469	ug/ml	99
40) p-Chloro-m-cresol	8.310	107	247476	10.596	ug/ml	94
41) 2-Methylnaphthalene	8.409	142	543791	9.688	ug/ml	96
42) 1-Methylnaphthalene	8.498	115	190706	9.470	ug/ml	91
43) Hexachlorocyclopentadiene	8.579	237	241742	10.191	ug/ml	100
44) 2,4,6-Trichlorophenol	8.705	196	237234	10.497	ug/ml	99
45) 2,4,5-Trichlorophenol	8.732	196	243892	10.358	ug/ml	99
47) 2-Chloronaphthalene	8.885	162	632520	9.313	ug/ml	92
48) 2-Nitroaniline	9.002	138	179670	10.824	ug/ml#	82
49) 1,4-Dinitrobenzene	9.138	168	118961	9.094	ug/ml#	62
50) 1,3-Dinitrobenzene	9.216	168	113260	10.386	ug/ml#	1
51) Dimethyl phthalate	9.206	163	793208	9.638	ug/ml#	98
52) Acenaphthylene	9.284	152	1050760	10.151	ug/ml	98
53) 2,6-Dinitrotoluene	9.255	165	162601	10.540	ug/ml#	74
54) 1,2-Dinitrobenzene	9.294	168	73077	11.152	ug/ml#	1
64) 3-Nitroaniline	9.402	138	163929	11.243	ug/ml	87
65) Acenaphthene	9.461	154	554430	9.136	ug/ml	89
66) 2,4-Dinitrophenol	9.510	184	81065	9.934	ug/ml#	79
67) Dibenzofuran	9.627	168	980849	9.474	ug/ml	88
68) 2,4-Dinitrotoluene	9.637	165	222096	10.494	ug/ml#	83
69) 4-Nitrophenol	9.598	65	118292M6	10.535	ug/ml	
70) 2,3,5,6-Tetrachlorophenol	9.725	232	210150	11.362	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	9.764	232	241287	12.105	ug/ml	97
72) Diethyl phthalate	9.900	149	742308	9.935	ug/ml	96
73) Fluorene	9.957	166	779505	9.722	ug/ml	94
74) 4-Chlorophenyl phenyl ...	9.978	204	380410	9.250	ug/ml#	87

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL7.D
Acq On : 4 Mar 2025 10:42 pm
Operator : SV107:mrg
Sample : IL4,32,,ABNL10 Lot# 11427
Misc : WG2037043
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 05 14:26:51 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
75)	4-Nitroaniline	9.992	138	159165	11.531	ug/ml	84
76)	4,6-Dinitro-o-cresol	10.034	198	114912	8.918	ug/ml#	57
77)	NDPA/DPA	10.098	169	660970	9.818	ug/ml	93
78)	Azobenzene	10.133	77	649747	10.222	ug/ml#	92
80)	4-Bromophenyl phenyl e...	10.446	248	234901	9.534	ug/ml#	84
81)	Hexachlorobenzene	10.498	284	263592	9.165	ug/ml#	83
82)	Pentachlorophenol	10.699	266	165931	10.561	ug/ml	100
89)	Phenanthrene	10.881	178	1209322	9.498	ug/ml	99
90)	Anthracene	10.932	178	1211687	9.945	ug/ml	98
91)	Carbazole	11.100	167	1128807	10.295	ug/ml	98
92)	Di-n-butylphthalate	11.495	149	1311887	11.678	ug/ml	98
93)	Fluoranthene	12.028	202	1424709	10.222	ug/ml#	92
94)	Benzidine	12.188	184	889532	9.867	ug/ml#	93
95)	Pyrene	12.239	202	1503201	10.278	ug/ml	99
97)	Butyl benzyl phthalate	12.955	149	508643	8.763	ug/ml	85
105)	Benzo(a)anthracene	13.466	228	1421407	10.129	ug/ml	98
106)	3,3'-Dichlorobenzidine	13.466	252	536817	11.860	ug/ml#	97
107)	Chrysene	13.497	228	1253277	9.047	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	13.592	149	799913	9.618	ug/ml#	97
109)	Di-n-octylphthalate	14.266	149	1334918	9.542	ug/ml#	73
110)	Benzo(b)fluoranthene	14.561	252	1512986	11.121	ug/ml#	92
111)	Benzo(k)fluoranthene	14.585	252	1095481	9.296	ug/ml#	96
112)	Benzo(a)pyrene	14.872	252	1214108	10.709	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.894	276	1219567M6	10.912	ug/mL	
115)	Dibenzo(a,h)anthracene	15.917	278	1175808	10.569	ug/ml#	89
116)	Benzo(ghi)perylene	16.131	276	1175763	10.461	ug/ml#	87

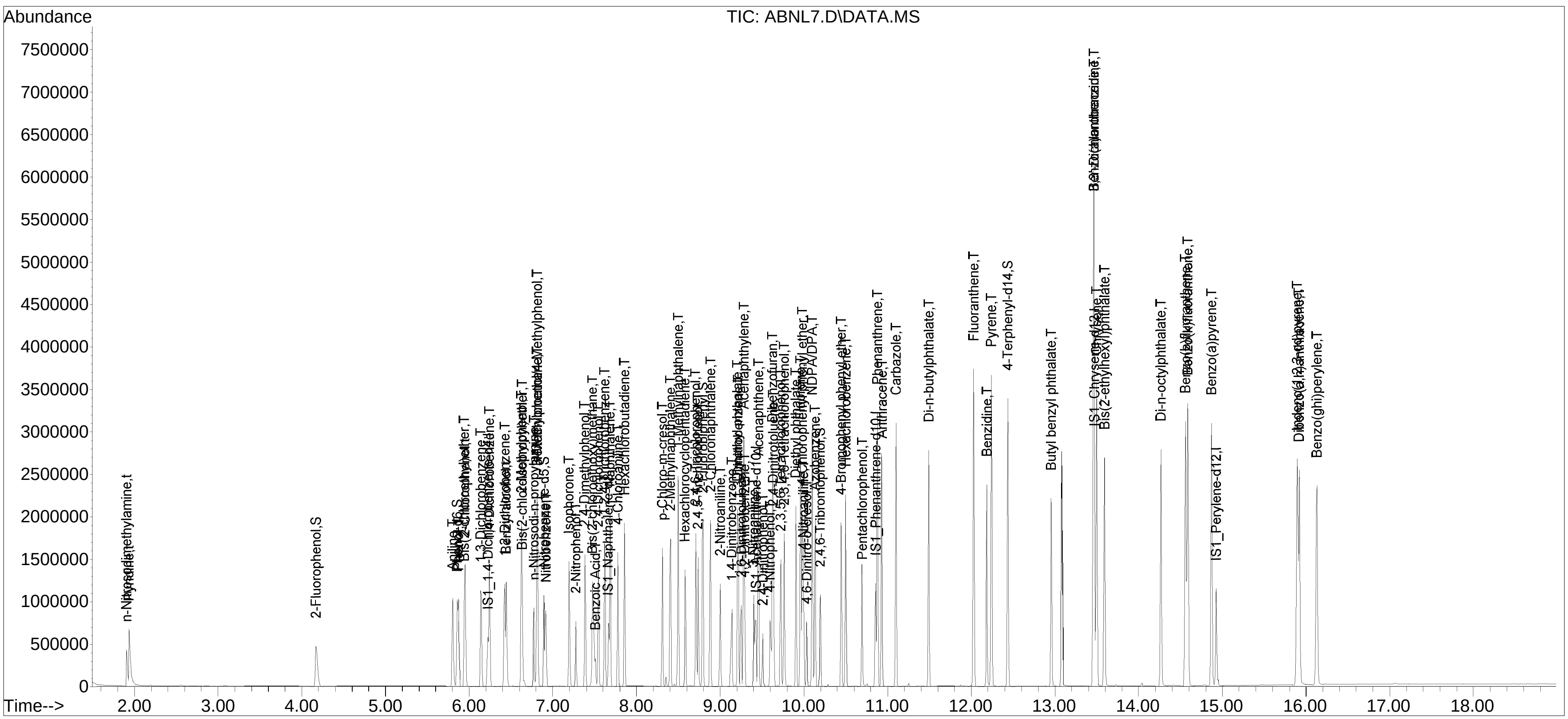
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL7.D
Acq On   : 4 Mar 2025 10:42 pm
Operator : SV107:mrg
Sample   : IL4,32,,ABNL10 Lot# 11427
Misc   : WG2037043
ALS Vial : 3   Sample Multiplier: 1

Quant Time: Mar 05 14:26:51 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

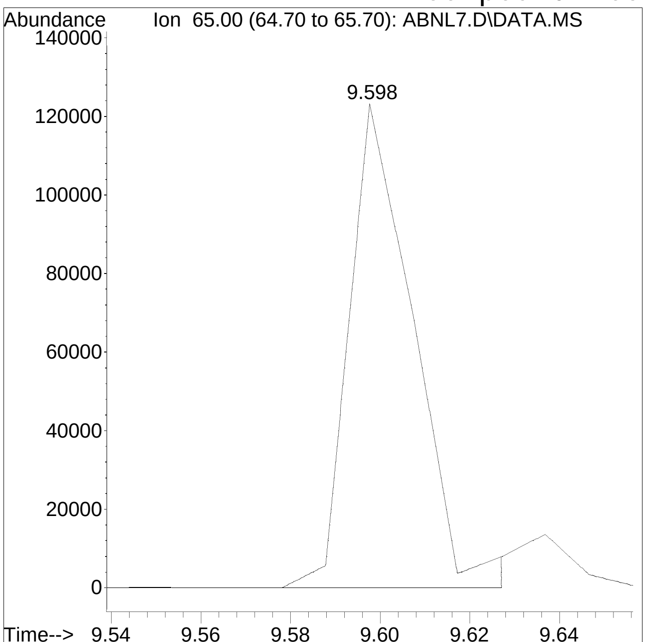
Sub List   : ABNical - ABN ical sublistal\ABNL6.D•

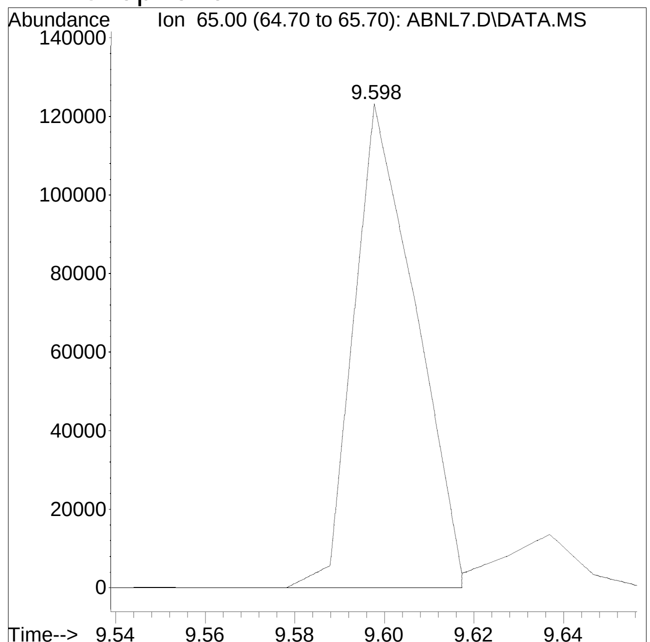


Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ABNL7.D	Operator	: SV107:mrg
Date Inj'd	: 3/4/2025 10:42 pm	Instrument	: SV107
Sample	: IL4,32,,ABNL10 Lot# 11427	Quant Date	: 3/5/2025 2:27 pm

Compound #69: 4-Nitrophenol





Original Peak Response = 122988

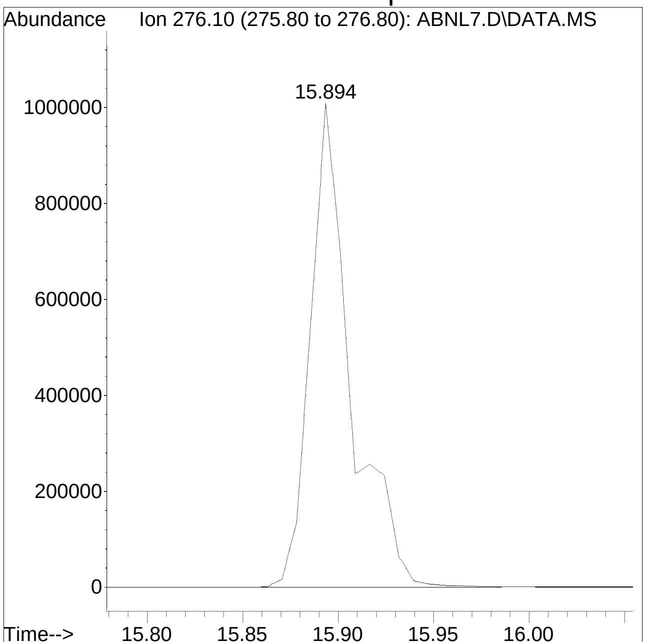
Manual Peak Response = 118292 M6

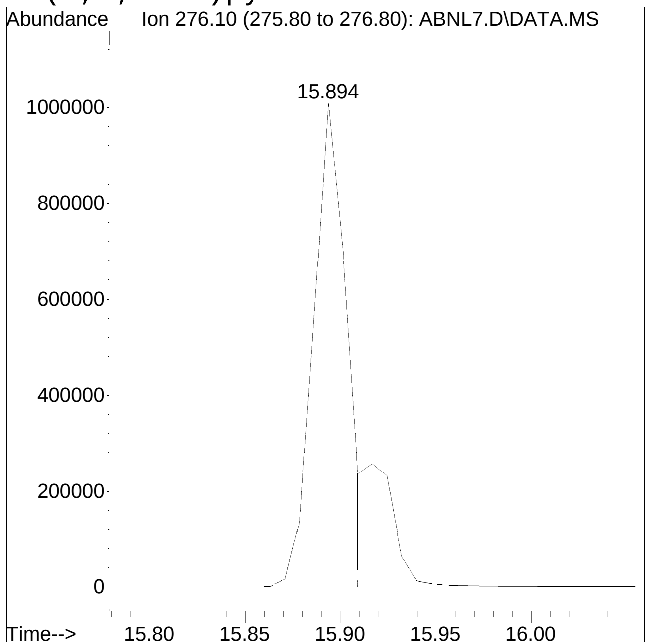
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ABNL7.D	Operator	: SV107:mrg
Date Inj'd	: 3/4/2025 10:42 pm	Instrument	: SV107
Sample	: IL4,32,,ABNL10 Lot# 11427	Quant Date	: 3/5/2025 2:27 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 1490234 Manual Peak Response = 1219567 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ABNL6.D
Acq On    :  4 Mar 2025  11:07 pm
Operator  : SV107:mrg
Sample    : IL5,32,,ABNL5 Lot# 11428
Misc      : WG2037043
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 05 14:26:41 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.222  152    102644     4.000 ug/ml    0.00
   Standard Area 1 = 102644                Recovery   =  100.00%
35) IS1_Naphthalene-d8          7.660  136    369160     4.000 ug/ml    0.00
   Standard Area 1 = 369160                Recovery   =  100.00%
63) IS1_Acenaphthene-d10        9.421  164    247025     4.000 ug/ml    0.00
   Standard Area 1 = 247025                Recovery   =  100.00%
88) IS1_Phenanthrene-d10       10.859  188    519096     4.000 ug/ml    0.00
   Standard Area 1 = 519096                Recovery   =  100.00%
104) IS1_Chrysene-d12          13.473  240    519087     4.000 ug/ml  # 0.00
   Standard Area 1 = 519087                Recovery   =  100.00%
113) IS1_Perylene-d12          14.927  264    504221     4.000 ug/ml    0.00
   Standard Area 1 = 504221                Recovery   =  100.00%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.179  112    130210     4.997 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  249.85%#
 7) Phenol-d6                   5.856   99    159949     5.037 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  251.85%#
19) Nitrobenzene-d5             6.894   82    147010     5.087 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  508.70%#
46) 2-Fluorobiphenyl            8.786  172    437377     4.827 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  482.70%#
79) 2,4,6-Tribromophenol       10.196  330     67453     5.425 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  271.25%#
96) 4-Terphenyl-d14            12.436  244    634838     5.069 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  506.90%#

 Target Compounds                                                 Qvalue
 2) n-Nitrosodimethylamine      1.918   74      89774      5.182 ug/ml#    74
 3) Pyridine                    1.947   79     150730      4.749 ug/ml#    69
 5) Aniline                     5.805   93     209649      5.205 ug/ml     99
 6) 2-Chlorophenol              5.950  128     145248      4.975 ug/ml     95
 8) Phenol                      5.873   94     176496      4.948 ug/ml     98
 9) Bis(2-chloroethyl)ether     5.941   93     136545      4.802 ug/ml#    78
10) 1,3-Dichlorobenzene         6.145  146     185622      4.807 ug/ml     95
11) 1,4-Dichlorobenzene         6.239  146     187017      4.697 ug/ml     95
12) 1,2-Dichlorobenzene         6.426  146     179619      4.766 ug/ml     94
13) Benzyl alcohol              6.442   79     111556      5.113 ug/ml     98
14) Bis(2-chloroisopropyl)...   6.631   45     225031      4.841 ug/ml#    58
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL6.D
Acq On : 4 Mar 2025 11:07 pm
Operator : SV107:mrg
Sample : IL5,32,,ABNL5 Lot# 11428
Misc : WG2037043
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 05 14:26:41 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.623	108	131764	5.029	ug/ml	98
16) Hexachloroethane	6.819	117	65082	4.891	ug/ml#	47
17) n-Nitrosodi-n-propylamine	6.774	70	106020	5.136	ug/ml	93
18) 3-Methylphenol/4-Methy...	6.811	108	139512	5.045	ug/ml	96
20) Nitrobenzene	6.916	77	150579	5.148	ug/ml	98
21) Isophorone	7.194	82	286537	5.098	ug/ml	98
22) 2-Nitrophenol	7.277	139	67459	4.871	ug/ml	89
23) 2,4-Dimethylphenol	7.382	107	153846	5.163	ug/ml	98
24) Bis(2-chloroethoxy)met...	7.472	93	215254	5.281	ug/ml	95
25) 2,4-Dichlorophenol	7.545	162	156280	5.162	ug/ml#	92
26) 1,2,4-Trichlorobenzene	7.617	180	183648	4.718	ug/ml	97
36) Naphthalene	7.682	128	450202	4.745	ug/ml	99
37) Benzoic Acid	7.480	105	57369	4.581	ug/ml	93
38) 4-Chloroaniline	7.775	65	58313	4.866	ug/ml	84
39) Hexachlorobutadiene	7.854	225	106695	4.684	ug/ml	98
40) p-Chloro-m-cresol	8.309	107	131445	5.213	ug/ml	94
41) 2-Methylnaphthalene	8.408	142	292285	4.823	ug/ml	95
42) 1-Methylnaphthalene	8.498	115	106228	4.885	ug/ml	92
43) Hexachlorocyclopentadiene	8.579	237	129135	5.042	ug/ml	99
44) 2,4,6-Trichlorophenol	8.705	196	127011	5.205	ug/ml	99
45) 2,4,5-Trichlorophenol	8.732	196	130933	5.150	ug/ml	100
47) 2-Chloronaphthalene	8.885	162	348146	4.747	ug/ml	93
48) 2-Nitroaniline	9.002	138	90714	5.062	ug/ml	83
49) 1,4-Dinitrobenzene	9.137	168	56109	4.204	ug/ml#	59
50) 1,3-Dinitrobenzene	9.216	168	60232	5.116	ug/ml#	1
51) Dimethyl phthalate	9.206	163	455642	5.128	ug/ml#	99
52) Acenaphthylene	9.284	152	567454	5.077	ug/ml	99
53) 2,6-Dinitrotoluene	9.245	165	88008	5.284	ug/ml#	75
54) 1,2-Dinitrobenzene	9.294	168	39330	5.559	ug/ml#	1
64) 3-Nitroaniline	9.402	138	90725	5.651	ug/ml#	89
65) Acenaphthene	9.460	154	307961	4.608	ug/ml	89
66) 2,4-Dinitrophenol	9.509	184	39478	4.639	ug/ml#	80
67) Dibenzofuran	9.627	168	552270	4.844	ug/ml	89
68) 2,4-Dinitrotoluene	9.637	165	124176	5.328	ug/ml	84
69) 4-Nitrophenol	9.598	65	65219M6	5.275	ug/ml	
70) 2,3,5,6-Tetrachlorophenol	9.725	232	111486	5.474	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	9.764	232	121084	5.517	ug/ml	97
72) Diethyl phthalate	9.900	149	424125	5.155	ug/ml	96
73) Fluorene	9.957	166	435486	4.932	ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.978	204	214678	4.740	ug/ml#	87

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL6.D
Acq On : 4 Mar 2025 11:07 pm
Operator : SV107:mrg
Sample : IL5,32,,ABNL5 Lot# 11428
Misc : WG2037043
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 05 14:26:41 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 4-Nitroaniline	9.992	138	86554	5.694	ug/ml	85
76) 4,6-Dinitro-o-cresol	10.027	198	58954	4.380	ug/ml#	57
77) NDPA/DPA	10.098	169	373334	5.036	ug/ml	93
78) Azobenzene	10.126	77	369422	5.278	ug/ml#	91
80) 4-Bromophenyl phenyl e...	10.446	248	132447	4.882	ug/ml#	83
81) Hexachlorobenzene	10.498	284	149143	4.709	ug/ml#	83
82) Pentachlorophenol	10.691	266	87523	5.059	ug/ml	99
89) Phenanthrene	10.881	178	691080	4.715	ug/ml	99
90) Anthracene	10.925	178	702034	5.005	ug/ml	99
91) Carbazole	11.100	167	650786	5.156	ug/ml	98
92) Di-n-butylphthalate	11.494	149	711908	5.505	ug/ml	98
93) Fluoranthene	12.027	202	826364	5.151	ug/ml#	91
94) Benzidine	12.188	184	472666	4.745	ug/ml#	93
95) Pyrene	12.239	202	885803	5.262	ug/ml	98
97) Butyl benzyl phthalate	12.955	149	273174	4.342	ug/ml	85
105) Benzo(a)anthracene	13.466	228	821139	5.066	ug/ml	98
106) 3,3'-Dichlorobenzidine	13.466	252	300193	5.742	ug/ml#	97
107) Chrysene	13.497	228	744285	4.652	ug/ml	98
108) Bis(2-ethylhexyl)phtha...	13.592	149	452214	4.902	ug/ml#	97
109) Di-n-octylphthalate	14.266	149	699902	4.649	ug/ml#	73
110) Benzo(b)fluoranthene	14.560	252	847591	5.394	ug/ml#	92
111) Benzo(k)fluoranthene	14.584	252	650965	4.783	ug/ml#	95
112) Benzo(a)pyrene	14.871	252	682864	5.215	ug/ml#	93
114) Indeno(1,2,3-cd)pyrene	15.893	276	675112M6	5.329	ug/mL	
115) Dibenzo(a,h)anthracene	15.916	278	646027	5.123	ug/ml#	90
116) Benzo(ghi)perylene	16.131	276	642939	5.046	ug/ml#	88

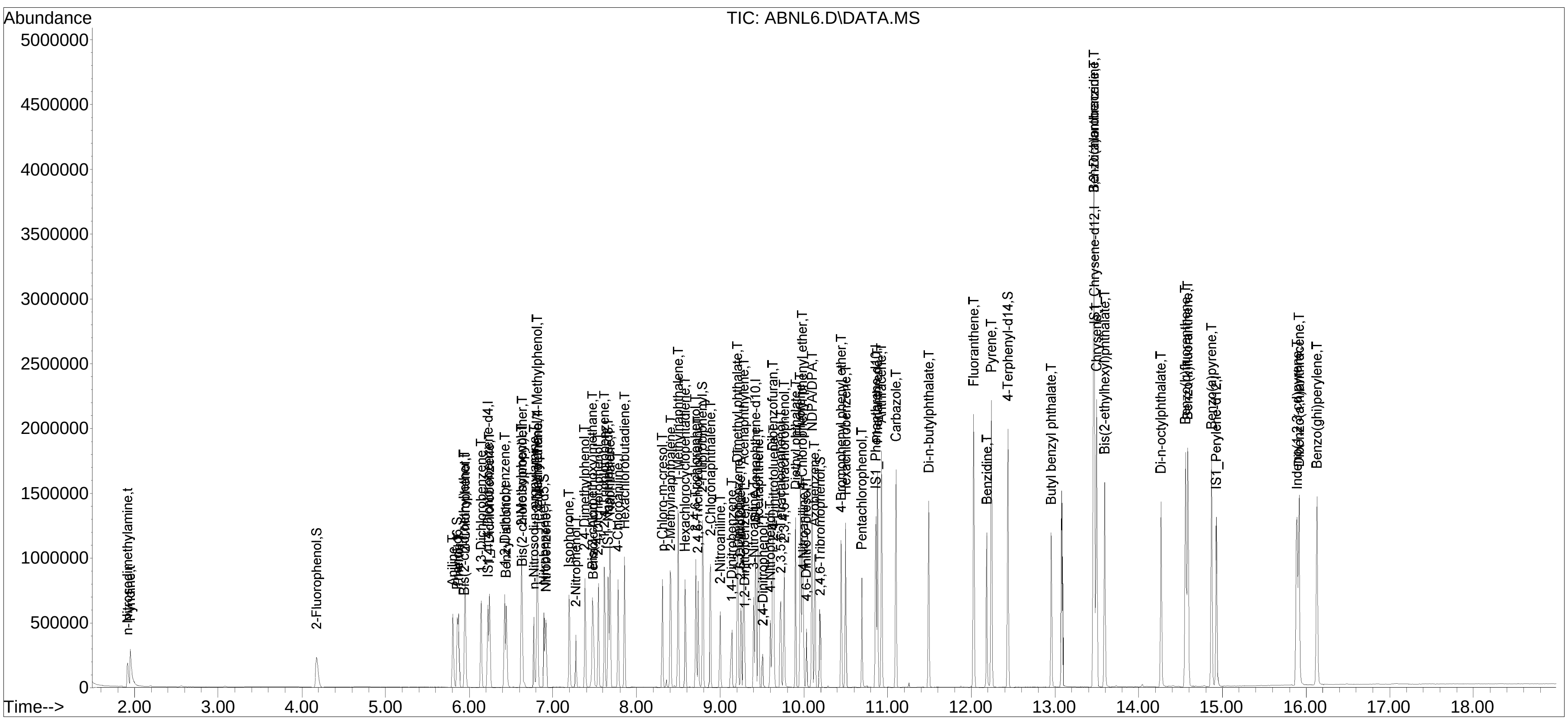
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL6.D
Acq On : 4 Mar 2025 11:07 pm
Operator : SV107:mrg
Sample : IL5,32,,ABNL5 Lot# 11428
Misc : WG2037043
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 05 14:26:41 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistal\ABNL6.D•

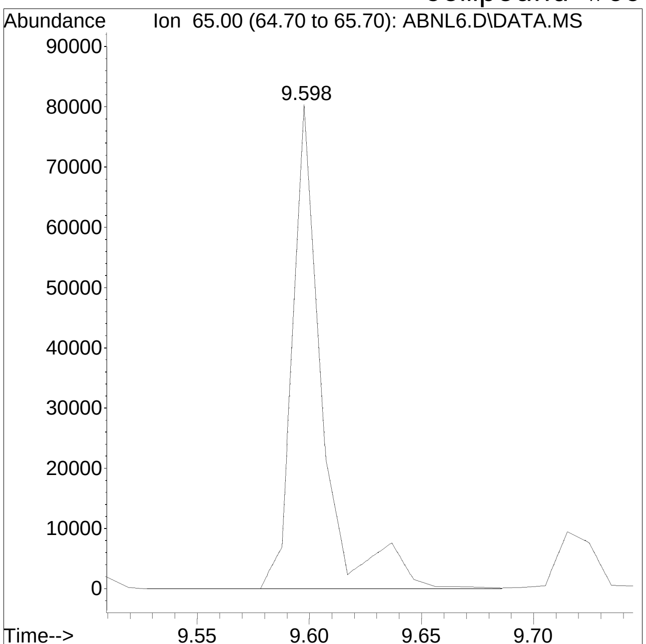


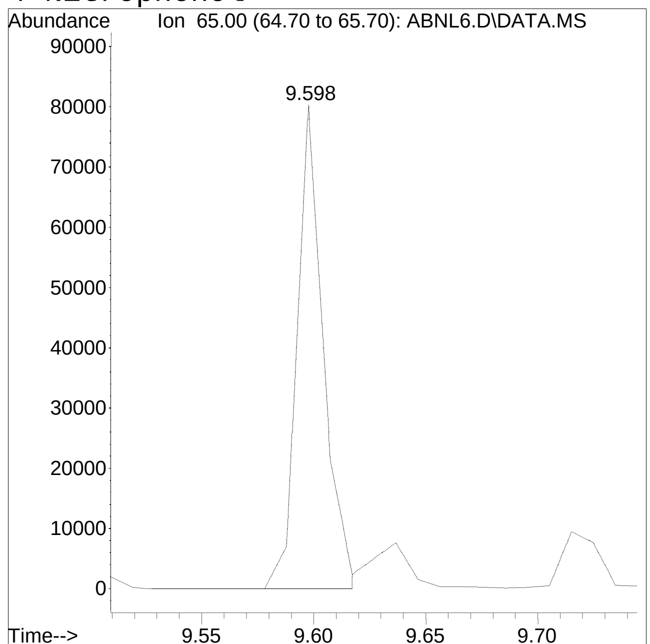
Manual Integration Report

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL6.D
Date Inj'd : 3/4/2025 11:07 pm
Sample : IL5,32,,ABNL5 Lot# 11428

QMethod : FS250303SV107RVT.m
Operator : SV107:mrg
Instrument : SV107
Quant Date : 3/5/2025 2:27 pm

Compound #69: 4-Nitrophenol





Original Peak Response = 74398

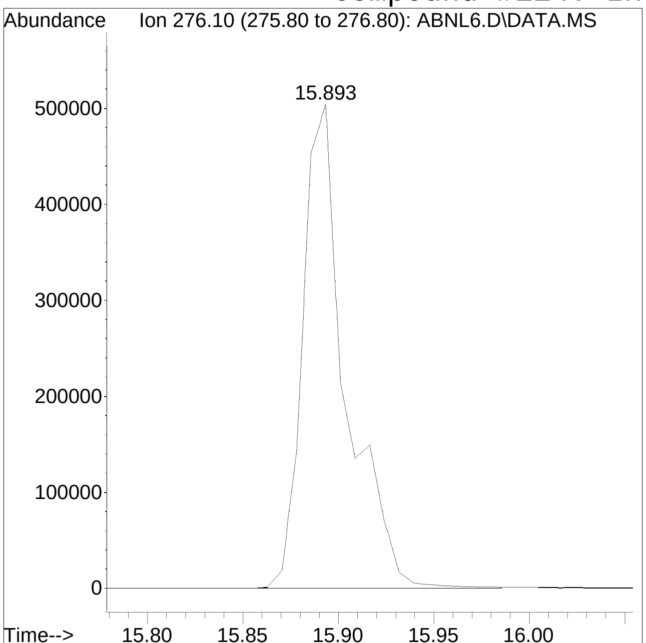
Manual Peak Response = 65219 M6

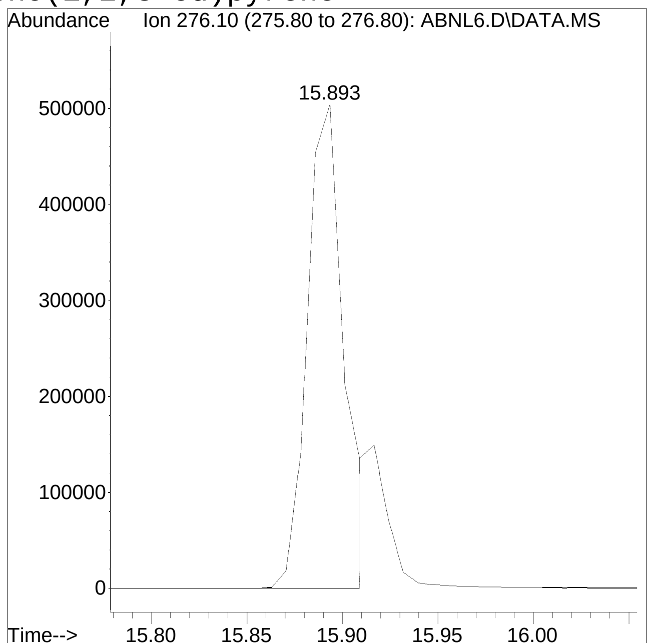
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ABNL6.D	Operator	: SV107:mrg
Date Inj'd	: 3/4/2025 11:07 pm	Instrument	: SV107
Sample	: IL5,32,,ABNL5 Lot# 11428	Quant Date	: 3/5/2025 2:27 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 792197

Manual Peak Response = 675112 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

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                     Quantitation Report    (QT Reviewed)

  Data Path : I:\8270\SV107\250304ical\
  Data File : ABNL5.D
  Acq On    :  4 Mar 2025  11:33 pm
  Operator  : SV107:mrg
  Sample    : IL6,32,,ABNL2.5 Lot# 11429
  Misc      : WG2037043
  ALS Vial  : 5   Sample Multiplier: 1

  Quant Time: Mar 05 14:26:31 2025
  Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
  Quant Title  : Semivolatiles by GC/MS by modified 8270
  QLast Update : Wed Mar 05 14:26:05 2025
  Response via : Initial Calibration

  CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
  Sub List     : ABNical - ABN ical sublist

          Compound                   R.T. QIon  Response  Conc Units Dev(Min)
   ------------------------------------------------------------------------------
   Internal Standards
   1) IS1_1,4-Dichlorobenzen...   6.222  152    103029     4.000 ug/ml    0.00
     Standard Area 1 = 102644                 Recovery   =  100.38%
  35) IS1_Naphthalene-d8          7.660  136    372556     4.000 ug/ml    0.00
     Standard Area 1 = 369160                 Recovery   =  100.92%
  63) IS1_Acenaphthene-d10        9.421  164    252677     4.000 ug/ml    0.00
     Standard Area 1 = 247025                 Recovery   =  102.29%
  88) IS1_Phenanthrene-d10       10.859  188    519323     4.000 ug/ml    0.00
     Standard Area 1 = 519096                 Recovery   =  100.04%
 104) IS1_Chrysene-d12           13.473  240    503490     4.000 ug/ml  # 0.00
     Standard Area 1 = 519087                 Recovery   =   97.00%
 113) IS1_Perylene-d12           14.935  264    471542     4.000 ug/ml    0.00
     Standard Area 1 = 504221                 Recovery   =   93.52%

   System Monitoring Compounds
   4) 2-Fluorophenol              4.185  112     60281     2.305 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =  115.25%#
   7) Phenol-d6                   5.856   99     72188     2.265 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =  113.25%#
  19) Nitrobenzene-d5             6.894   82     65437     2.256 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =  225.60%#
  46) 2-Fluorobiphenyl            8.786  172    205949     2.252 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =  225.20%#
  79) 2,4,6-Tribromophenol       10.196  330     29494     2.319 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =  115.95%#
  96) 4-Terphenyl-d14            12.436  244    284271     2.269 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =  226.90%#

   Target Compounds                                                 Qvalue
   2) n-Nitrosodimethylamine      1.918   74      40008      2.301 ug/ml#    74
   3) Pyridine                    1.962   79      65656      2.061 ug/ml#    71
   5) Aniline                     5.805   93      94886      2.347 ug/ml    100
   6) 2-Chlorophenol              5.950  128      68069      2.323 ug/ml     95
   8) Phenol                      5.873   94      82196      2.296 ug/ml     97
   9) Bis(2-chloroethyl)ether     5.950   93      63831      2.237 ug/ml#    75
  10) 1,3-Dichlorobenzene         6.145  146      86443      2.230 ug/ml     94
  11) 1,4-Dichlorobenzene         6.239  146      87556      2.191 ug/ml     95
  12) 1,2-Dichlorobenzene         6.426  146      83425      2.205 ug/ml     94
  13) Benzyl alcohol              6.442   79      49125      2.243 ug/ml     97
  14) Bis(2-chloroisopropyl)...   6.631   45     104274      2.235 ug/ml#    58
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL5.D
Acq On : 4 Mar 2025 11:33 pm
Operator : SV107:mrg
Sample : IL6,32,,ABNL2.5 Lot# 11429
Misc : WG2037043
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 05 14:26:31 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	6.623	108	58811	2.236 ug/ml	96
16) Hexachloroethane	6.819	117	30403	2.276 ug/ml#	48
17) n-Nitrosodi-n-propylamine	6.774	70	46733	2.255 ug/ml	94
18) 3-Methylphenol/4-Methy...	6.811	108	63525	2.289 ug/ml	99
20) Nitrobenzene	6.916	77	69373	2.363 ug/ml	99
21) Isophorone	7.202	82	126385	2.240 ug/ml	99
22) 2-Nitrophenol	7.277	139	28935	2.082 ug/ml	89
23) 2,4-Dimethylphenol	7.382	107	67853	2.269 ug/ml	98
24) Bis(2-chloroethoxy)met...	7.480	93	99087	2.422 ug/ml	97
25) 2,4-Dichlorophenol	7.545	162	68381	2.250 ug/ml#	92
26) 1,2,4-Trichlorobenzene	7.624	180	86369	2.210 ug/ml	97
36) Naphthalene	7.682	128	211934	2.213 ug/ml	99
37) Benzoic Acid	7.472	105	33807M6	2.878 ug/ml	
38) 4-Chloroaniline	7.775	65	26936	2.227 ug/ml	86
39) Hexachlorobutadiene	7.854	225	51111	2.223 ug/ml	99
40) p-Chloro-m-cresol	8.310	107	57437	2.257 ug/ml	94
41) 2-Methylnaphthalene	8.408	142	137264	2.244 ug/ml	95
42) 1-Methylnaphthalene	8.498	115	48905	2.229 ug/ml	93
43) Hexachlorocyclopentadiene	8.579	237	56940	2.203 ug/ml	99
44) 2,4,6-Trichlorophenol	8.705	196	55784	2.265 ug/ml	100
45) 2,4,5-Trichlorophenol	8.732	196	56558	2.204 ug/ml	100
47) 2-Chloronaphthalene	8.885	162	161708	2.185 ug/ml	93
48) 2-Nitroaniline	9.002	138	37010	2.046 ug/ml	84
49) 1,4-Dinitrobenzene	9.137	168	22765	1.936 ug/ml#	61
50) 1,3-Dinitrobenzene	9.216	168	23546	1.982 ug/ml#	1
51) Dimethyl phthalate	9.206	163	205840	2.295 ug/ml#	98
52) Acenaphthylene	9.284	152	254231	2.254 ug/ml	98
53) 2,6-Dinitrotoluene	9.245	165	35978	2.140 ug/ml#	80
54) 1,2-Dinitrobenzene	9.294	168	16985	2.379 ug/ml#	1
64) 3-Nitroaniline	9.402	138	39853	2.427 ug/ml#	87
65) Acenaphthene	9.460	154	141314	2.067 ug/ml	88
66) 2,4-Dinitrophenol	9.509	184	15527	1.938 ug/ml#	77
67) Dibenzofuran	9.627	168	255478	2.191 ug/ml	93
68) 2,4-Dinitrotoluene	9.637	165	52770	2.214 ug/ml#	83
69) 4-Nitrophenol	9.598	65	26695M6	2.111 ug/ml	
70) 2,3,5,6-Tetrachlorophenol	9.725	232	47030	2.257 ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	9.764	232	52657	2.345 ug/ml	93
72) Diethyl phthalate	9.900	149	189978	2.257 ug/ml	96
73) Fluorene	9.957	166	200023	2.215 ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.978	204	100288	2.165 ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL5.D
Acq On : 4 Mar 2025 11:33 pm
Operator : SV107:mrg
Sample : IL6,32,,ABNL2.5 Lot# 11429
Misc : WG2037043
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 05 14:26:31 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
75) 4-Nitroaniline	9.992	138	37383	2.404 ug/ml#	86
76) 4,6-Dinitro-o-cresol	10.027	198	22787	1.917 ug/ml#	60
77) NDPA/DPA	10.098	169	172814	2.279 ug/ml	93
78) Azobenzene	10.126	77	165497	2.312 ug/ml#	92
80) 4-Bromophenyl phenyl e...	10.446	248	60649	2.185 ug/ml#	83
81) Hexachlorobenzene	10.498	284	69766	2.154 ug/ml#	82
82) Pentachlorophenol	10.691	266	35397	2.000 ug/ml	99
89) Phenanthrene	10.881	178	319421	2.178 ug/ml	99
90) Anthracene	10.925	178	317563	2.263 ug/ml	99
91) Carbazole	11.100	167	291834	2.311 ug/ml	98
92) Di-n-butylphthalate	11.494	149	293563	2.269 ug/ml	98
93) Fluoranthene	12.027	202	358518	2.234 ug/ml#	91
94) Benzidine	12.188	184	183647	2.058 ug/ml#	92
95) Pyrene	12.239	202	392709	2.332 ug/ml	99
97) Butyl benzyl phthalate	12.955	149	97306	1.852 ug/ml	86
105) Benzo(a)anthracene	13.466	228	351479	2.236 ug/ml	98
106) 3,3'-Dichlorobenzidine	13.466	252	117806	2.323 ug/ml#	96
107) Chrysene	13.497	228	338482	2.181 ug/ml	97
108) Bis(2-ethylhexyl)phtha...	13.592	149	167874	2.010 ug/ml#	96
109) Di-n-octylphthalate	14.266	149	232296	1.883 ug/ml#	74
110) Benzo(b)fluoranthene	14.560	252	336948	2.211 ug/ml#	94
111) Benzo(k)fluoranthene	14.592	252	309817	2.347 ug/ml#	93
112) Benzo(a)pyrene	14.871	252	282596	2.225 ug/ml#	93
114) Indeno(1,2,3-cd)pyrene	15.893	276	263322M6	2.223 ug/mL	
115) Dibenzo(a,h)anthracene	15.924	278	279505	2.370 ug/ml#	89
116) Benzo(ghi)perylene	16.131	276	275870	2.315 ug/ml#	87

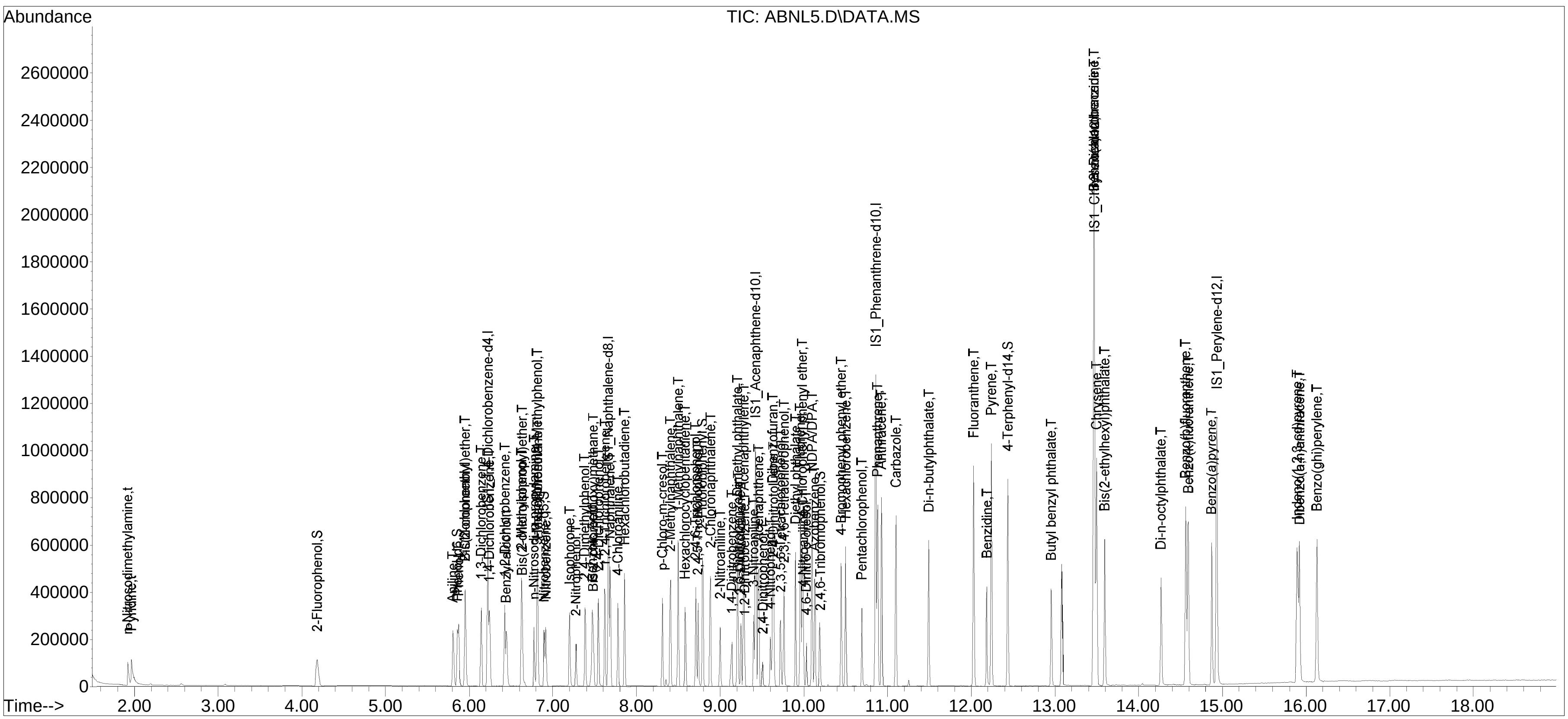
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL5.D
Acq On   : 4 Mar 2025 11:33 pm
Operator : SV107:mrg
Sample   : IL6,32,,ABNL2.5 Lot# 11429
Misc   : WG2037043
ALS Vial : 5   Sample Multiplier: 1

Quant Time: Mar 05 14:26:31 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

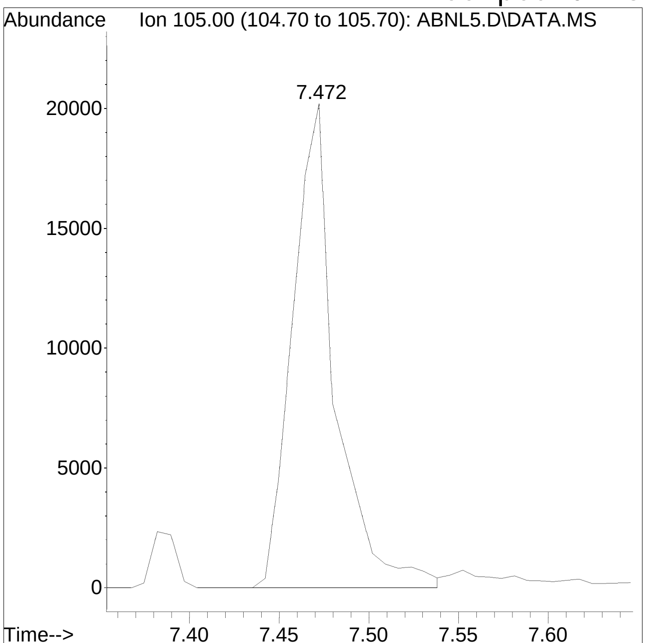
Sub List   : ABNical - ABN ical sublistal\ABNL6.D•

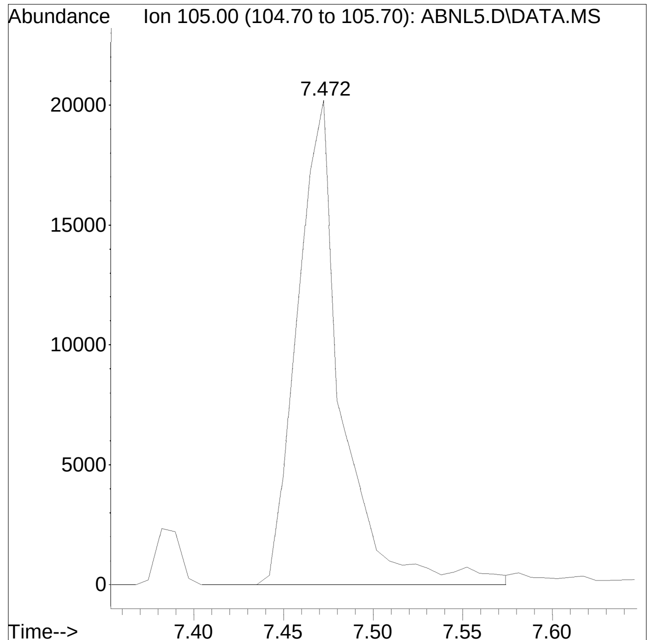


Manual Integration Report

```
Data Path    : I:\8270\SV107\250304ical\ QMethod      : FS250303SV107RVT.m
Data File    : ABNL5.D                   Operator     : SV107:mrg
Date Inj'd   : 3/4/2025 11:33 pm         Instrument   : SV107
Sample       : IL6,32,,ABNL2.5 Lot# 11429Quant Date   : 3/5/2025  2:27 pm
```

Compound #37: Benzoic Acid





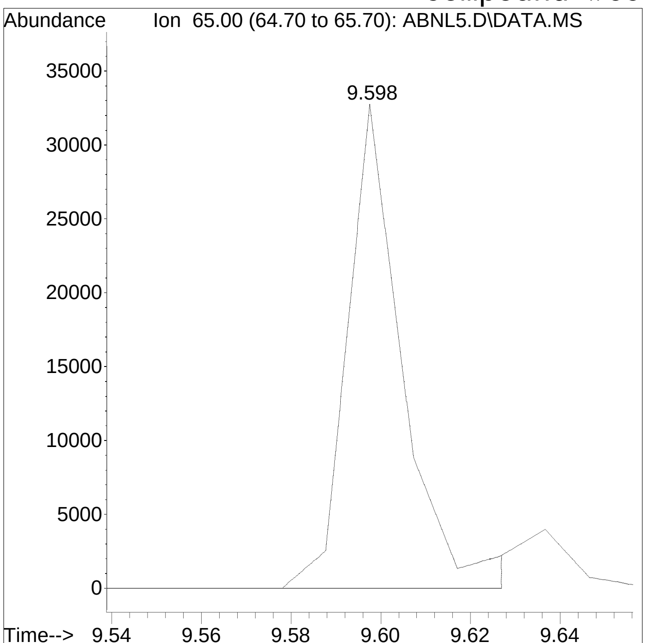
Original Peak Response = 33825   Manual Peak Response = 33807 M6

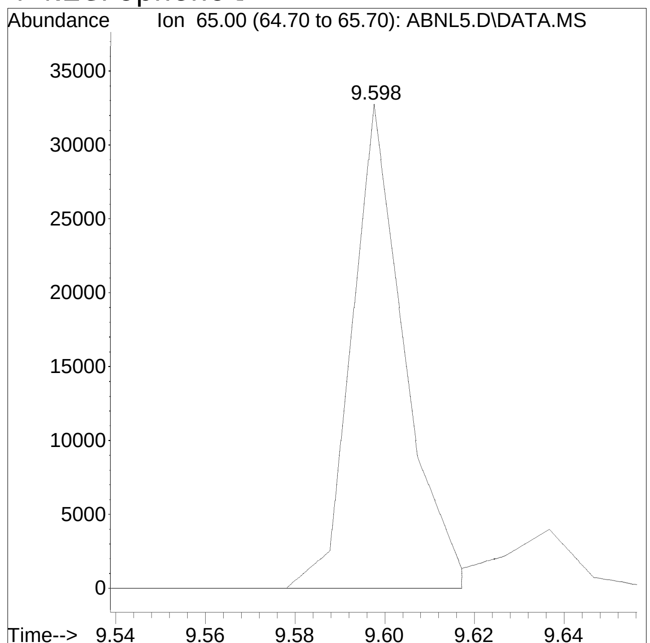
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\SV107\250304ical\ QMethod : FS250303SV107RVT.m
Data File : ABNL5.D Operator : SV107:mrg
Date Inj'd : 3/4/2025 11:33 pm Instrument : SV107
Sample : IL6,32,,ABNL2.5 Lot# 11429Quant Date : 3/5/2025 2:27 pm

Compound #69: 4-Nitrophenol



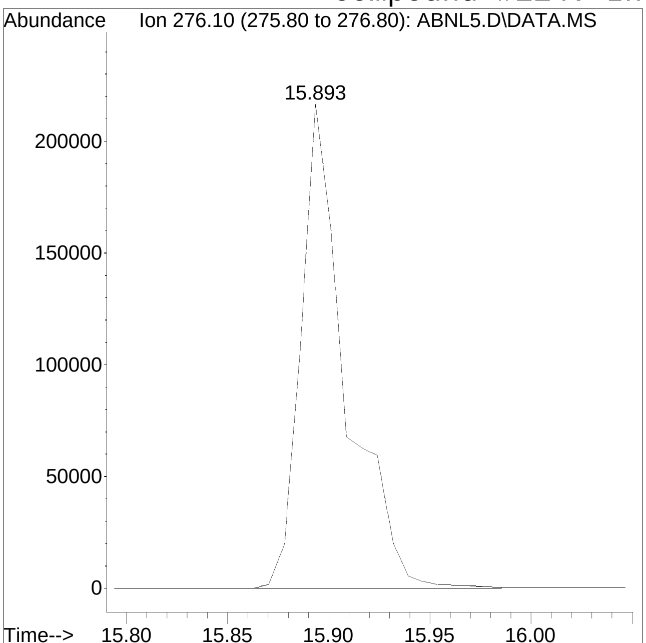


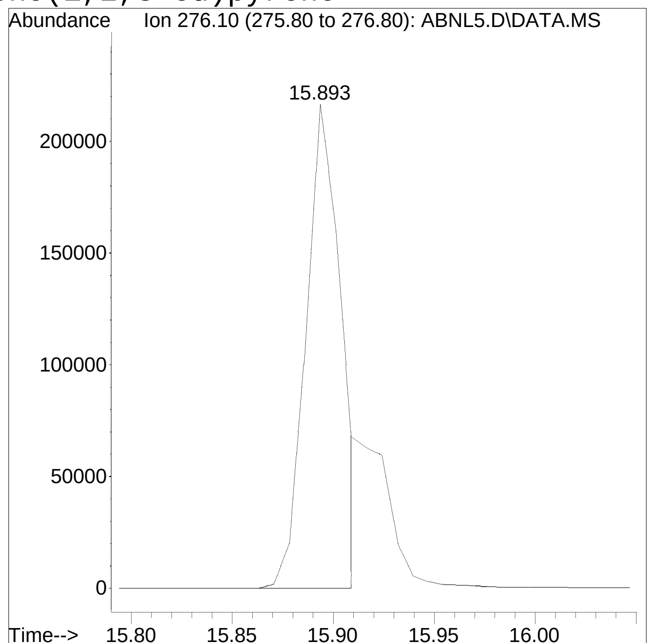
Original Peak Response = 27989 Manual Peak Response = 26695 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ABNL5.D	Operator	: SV107:mrg
Date Inj'd	: 3/4/2025 11:33 pm	Instrument	: SV107
Sample	: IL6,32,,ABNL2.5 Lot# 11429	Quant Date	: 3/5/2025 2:27 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 335191

Manual Peak Response = 263322 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ABNL4.D
Acq On    :  4 Mar 2025  11:58 pm
Operator  : SV107:mrg
Sample    : IL7,32,,ABNL1 Lot# 11430
Misc      : WG2037043
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 05 14:26:21 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.222  152     99476     4.000 ug/ml    0.00
    Standard Area 1 = 102644                 Recovery   =   96.91%
35) IS1_Naphthalene-d8          7.660  136    349825     4.000 ug/ml    0.00
    Standard Area 1 = 369160                 Recovery   =   94.76%
63) IS1_Acenaphthene-d10        9.422  164    230757     4.000 ug/ml    0.00
    Standard Area 1 = 247025                 Recovery   =   93.41%
88) IS1_Phenanthrene-d10       10.859  188    486281     4.000 ug/ml    0.00
    Standard Area 1 = 519096                 Recovery   =   93.68%
104) IS1_Chrysene-d12          13.466  240    496693     4.000 ug/ml  # 0.00
    Standard Area 1 = 519087                 Recovery   =   95.69%
113) IS1_Perylene-d12          14.927  264    483075     4.000 ug/ml    0.00
    Standard Area 1 = 504221                 Recovery   =   95.81%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.186  112     25214     0.998 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   49.90%
 7) Phenol-d6                   5.857   99     30732     0.999 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   49.95%
19) Nitrobenzene-d5             6.894   82     27326     0.976 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   97.60%
46) 2-Fluorobiphenyl            8.786  172     87842     1.023 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  102.30%
79) 2,4,6-Tribromophenol       10.189  330     11189     0.963 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   48.15%
96) 4-Terphenyl-d14            12.437  244    118410     1.009 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  100.90%

 Target Compounds                                                  Qvalue
 2) n-Nitrosodimethylamine      1.926   74      18407      1.096 ug/ml#    70
 3) Pyridine                    1.976   79      32377      1.052 ug/ml#    71
 5) Aniline                     5.814   93      40256      1.031 ug/ml     99
 6) 2-Chlorophenol              5.959  128      28175      0.996 ug/ml     94
 8) Phenol                      5.874   94      34785      1.006 ug/ml     99
 9) Bis(2-chloroethyl)ether     5.950   93      27446      0.996 ug/ml#    78
10) 1,3-Dichlorobenzene         6.145  146      38259      1.022 ug/ml     93
11) 1,4-Dichlorobenzene         6.239  146      38800      1.005 ug/ml     96
12) 1,2-Dichlorobenzene         6.426  146      37518      1.027 ug/ml     96
13) Benzyl alcohol              6.451   79      20092      0.950 ug/ml     98
14) Bis(2-chloroisopropyl)...   6.631   45      44288      0.983 ug/ml#    58
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL4.D
Acq On : 4 Mar 2025 11:58 pm
Operator : SV107:mrg
Sample : IL7,32,,ABNL1 Lot# 11430
Misc : WG2037043
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 05 14:26:21 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.624	108	24416	0.962	ug/ml	98
16) Hexachloroethane	6.819	117	12622	0.979	ug/ml#	45
17) n-Nitrosodi-n-propylamine	6.781	70	18846	0.942	ug/ml#	92
18) 3-Methylphenol/4-Methy...	6.811	108	26027	0.971	ug/ml	98
20) Nitrobenzene	6.917	77	27695	0.977	ug/ml	97
21) Isophorone	7.202	82	50721	0.931	ug/ml	99
22) 2-Nitrophenol	7.277	139	11081	0.826	ug/ml	89
23) 2,4-Dimethylphenol	7.382	107	27740	0.961	ug/ml	97
24) Bis(2-chloroethoxy)met...	7.480	93	43003	1.089	ug/ml	98
25) 2,4-Dichlorophenol	7.545	162	28119	0.958	ug/ml#	92
26) 1,2,4-Trichlorobenzene	7.617	180	37191	0.986	ug/ml	94
36) Naphthalene	7.682	128	92565	1.030	ug/ml	100
37) Benzoic Acid	7.457	105	12120	1.187	ug/ml	95
38) 4-Chloroaniline	7.776	65	10903	0.960	ug/ml	80
39) Hexachlorobutadiene	7.855	225	21944	1.017	ug/ml	99
40) p-Chloro-m-cresol	8.310	107	22869	0.957	ug/ml	95
41) 2-Methylnaphthalene	8.409	142	58204	1.013	ug/ml	95
42) 1-Methylnaphthalene	8.498	115	20887	1.014	ug/ml	95
43) Hexachlorocyclopentadiene	8.579	237	22594	0.931	ug/ml	100
44) 2,4,6-Trichlorophenol	8.705	196	21532	0.931	ug/ml	97
45) 2,4,5-Trichlorophenol	8.732	196	23081	0.958	ug/ml	99
47) 2-Chloronaphthalene	8.885	162	69638	1.002	ug/ml	93
48) 2-Nitroaniline	9.002	138	13555	0.798	ug/ml	86
49) 1,4-Dinitrobenzene	9.138	168	8174	0.995	ug/ml#	58
50) 1,3-Dinitrobenzene	9.216	168	8501	0.762	ug/ml#	1
51) Dimethyl phthalate	9.206	163	84913	1.008	ug/ml#	99
52) Acenaphthylene	9.284	152	105118	0.993	ug/ml	100
53) 2,6-Dinitrotoluene	9.245	165	13382	0.848	ug/ml#	80
54) 1,2-Dinitrobenzene	9.294	168	6481	0.967	ug/ml#	1
64) 3-Nitroaniline	9.402	138	14629	0.975	ug/ml#	90
65) Acenaphthene	9.451	154	61307	0.982	ug/ml	91
66) 2,4-Dinitrophenol	9.510	184	5128	0.837	ug/ml#	78
67) Dibenzofuran	9.627	168	107740	1.012	ug/ml	95
68) 2,4-Dinitrotoluene	9.637	165	19335	0.888	ug/ml#	83
69) 4-Nitrophenol	9.598	65	9425M6	0.816	ug/ml	
70) 2,3,5,6-Tetrachlorophenol	9.725	232	18640	0.980	ug/ml	96
71) 2,3,4,6-Tetrachlorophenol	9.764	232	21129	1.031	ug/ml	92
72) Diethyl phthalate	9.900	149	77216	1.005	ug/ml	97
73) Fluorene	9.957	166	83551	1.013	ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.978	204	42604	1.007	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL4.D
Acq On : 4 Mar 2025 11:58 pm
Operator : SV107:mrg
Sample : IL7,32,,ABNL1 Lot# 11430
Misc : WG2037043
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 05 14:26:21 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
75) 4-Nitroaniline	9.992	138	14199	1.000 ug/ml#	88
76) 4,6-Dinitro-o-cresol	10.027	198	7900	0.989 ug/ml#	65
77) NDPA/DPA	10.098	169	71346	1.030 ug/ml	93
78) Azobenzene	10.126	77	66619	1.019 ug/ml#	91
80) 4-Bromophenyl phenyl e...	10.446	248	24648	0.973 ug/ml#	84
81) Hexachlorobenzene	10.498	284	29844	1.009 ug/ml#	83
82) Pentachlorophenol	10.691	266	12104	0.749 ug/ml	98
89) Phenanthrene	10.874	178	137966	1.005 ug/ml	99
90) Anthracene	10.925	178	130316	0.992 ug/ml	99
91) Carbazole	11.100	167	117266	0.992 ug/ml	98
92) Di-n-butylphthalate	11.495	149	107705	0.889 ug/ml	99
93) Fluoranthene	12.028	202	147405	0.981 ug/ml#	91
94) Benzidine	12.188	184	61804	0.965 ug/ml#	91
95) Pyrene	12.239	202	159338	1.010 ug/ml	98
97) Butyl benzyl phthalate	12.955	149	34856	1.002 ug/ml	87
105) Benzo(a)anthracene	13.458	228	151805	0.979 ug/ml	98
106) 3,3'-Dichlorobenzidine	13.466	252	46322	0.926 ug/ml#	98
107) Chrysene	13.497	228	150627	0.984 ug/ml	98
108) Bis(2-ethylhexyl)phtha...	13.592	149	58458	0.827 ug/ml#	96
109) Di-n-octylphthalate	14.266	149	82014	0.944 ug/ml#	76
110) Benzo(b)fluoranthene	14.561	252	152748	1.016 ug/ml#	94
111) Benzo(k)fluoranthene	14.585	252	127534	0.979 ug/ml#	93
112) Benzo(a)pyrene	14.872	252	121370	0.969 ug/ml#	93
114) Indeno(1,2,3-cd)pyrene	15.894	276	114767M6	0.946 ug/mL	
115) Dibenzo(a,h)anthracene	15.917	278	117161	0.970 ug/ml#	89
116) Benzo(ghi)perylene	16.131	276	121202	0.993 ug/ml#	86

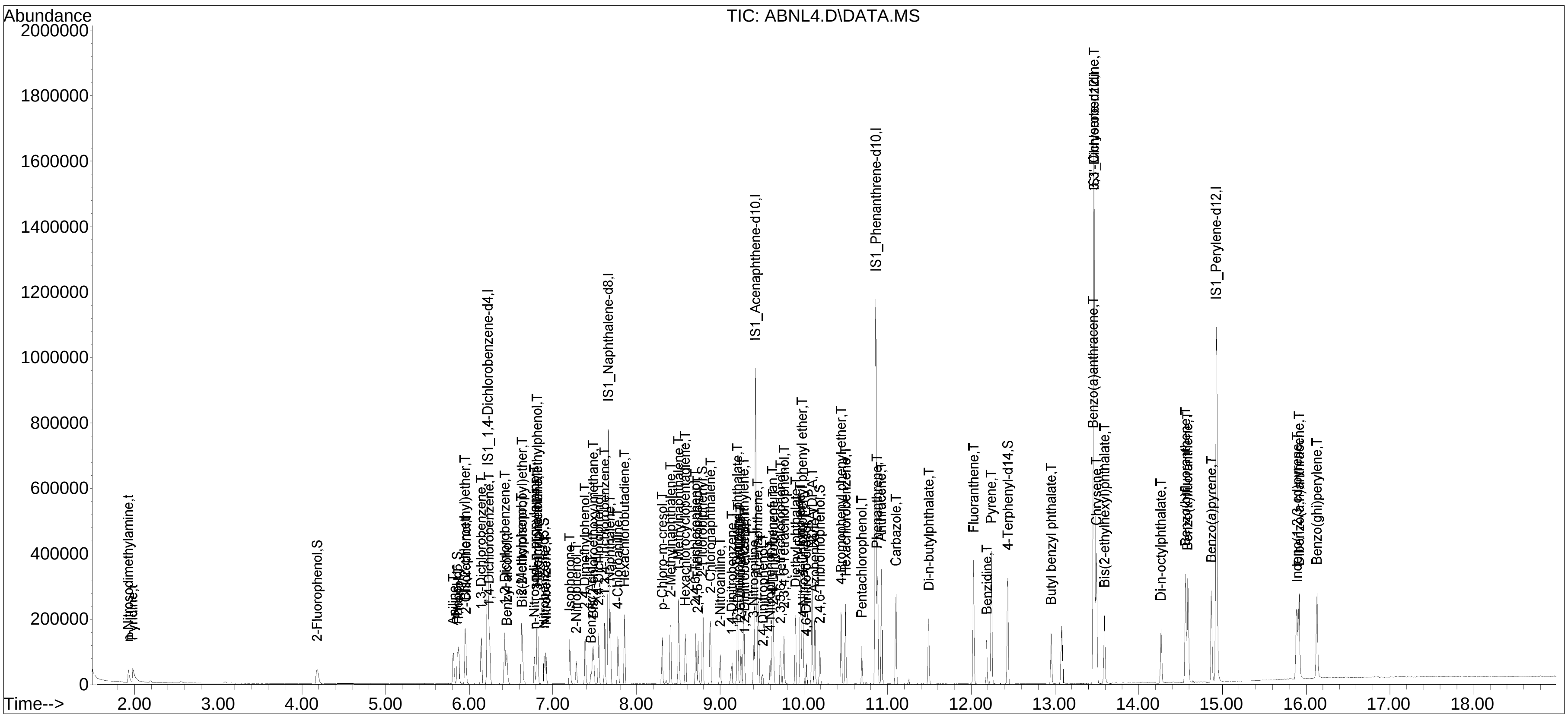
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL4.D
Acq On : 4 Mar 2025 11:58 pm
Operator : SV107:mrg
Sample : IL7,32,,ABNL1 Lot# 11430
Misc : WG2037043
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 05 14:26:21 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

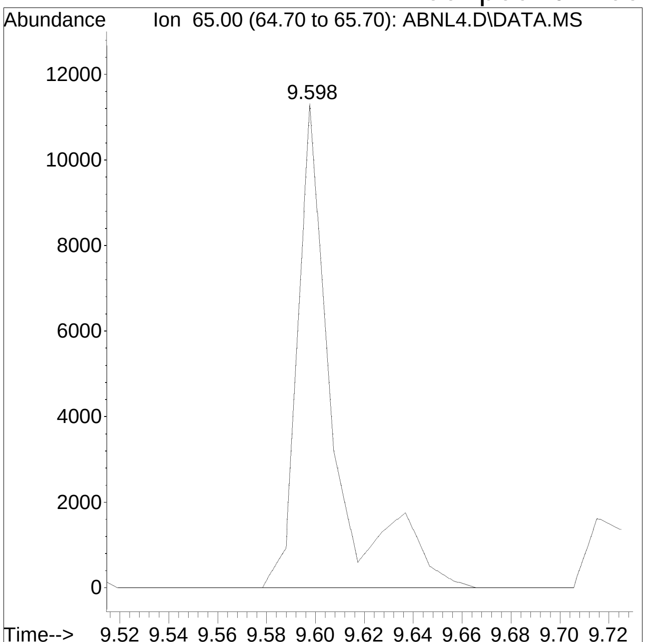
Sub List : ABNical - ABN ical sublistal\ABNL6.D•

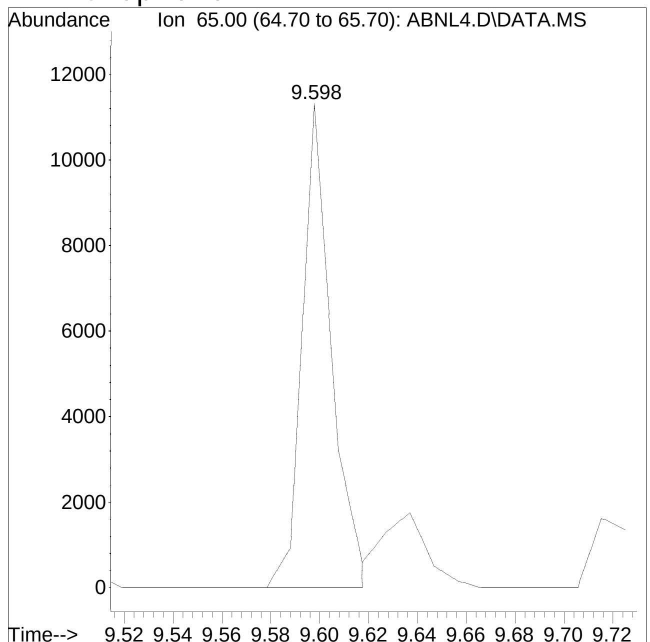


Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ABNL4.D	Operator	: SV107:mrg
Date Inj'd	: 3/4/2025 11:58 pm	Instrument	: SV107
Sample	: IL7,32,,ABNL1 Lot# 11430	Quant Date	: 3/5/2025 2:27 pm

Compound #69: 4-Nitrophenol





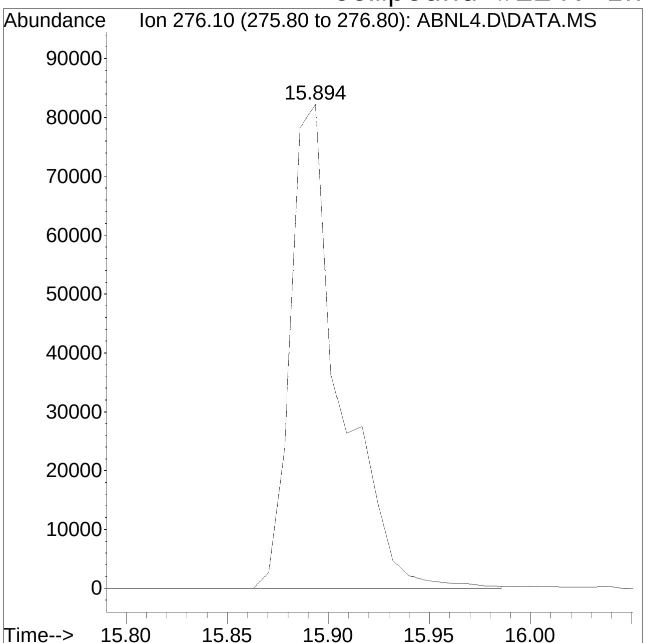
Original Peak Response = 11613
Manual Peak Response = 9425 M6

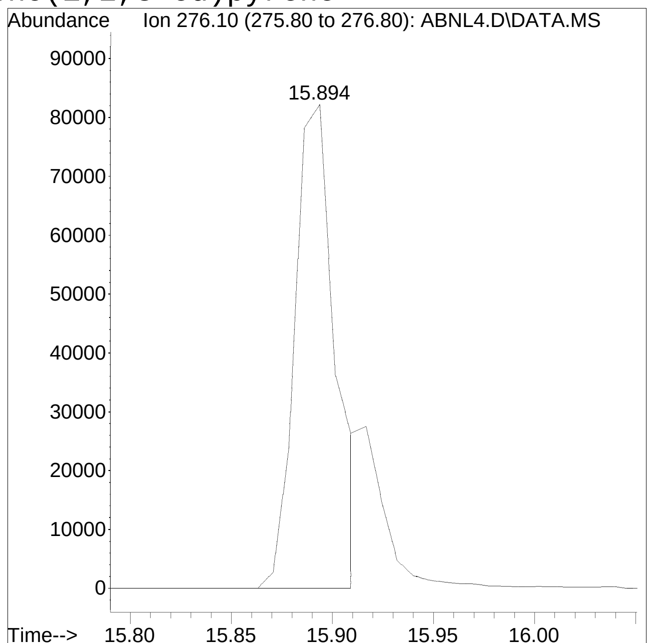
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : ABNL4.D                   Operator    : SV107:mrg
Date Inj'd  : 3/4/2025 11:58 pm         Instrument  : SV107
Sample      : IL7,32,,ABNL1 Lot# 11430  Quant Date  : 3/5/2025  2:27 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 139646   Manual Peak Response = 114767 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ABNL3.D
Acq On    :  5 Mar 2025  12:24 am
Operator  : SV107:mrg
Sample    : IL8,32,,ABNL0.5 Lot# 11431
Misc      : WG2037043
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Mar 05 14:26:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.222  152     99597     4.000 ug/ml    0.00
   Standard Area 1 = 102644                 Recovery   =   97.03%
35) IS1_Naphthalene-d8          7.660  136    358047     4.000 ug/ml    0.00
   Standard Area 1 = 369160                 Recovery   =   96.99%
63) IS1_Acenaphthene-d10        9.422  164    236016     4.000 ug/ml    0.00
   Standard Area 1 = 247025                 Recovery   =   95.54%
88) IS1_Phenanthrene-d10       10.855  188    505173     4.000 ug/ml    0.00
   Standard Area 1 = 519096                 Recovery   =   97.32%
104) IS1_Chrysene-d12          13.470  240    482664     4.000 ug/ml  # 0.00
   Standard Area 1 = 519087                 Recovery   =   92.98%
113) IS1_Perylene-d12          14.923  264    467113     4.000 ug/ml    0.00
   Standard Area 1 = 504221                 Recovery   =   92.64%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.186  112     13612     0.538 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   26.90%
 7) Phenol-d6                   5.857   99     15763     0.512 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   25.60%
19) Nitrobenzene-d5             6.902   82     14356     0.512 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   51.20%
46) 2-Fluorobiphenyl            8.795  172     48542     0.552 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   55.20%
79) 2,4,6-Tribromophenol       10.192  330      5690     0.479 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   23.95%
96) 4-Terphenyl-d14            12.432  244     65447     0.537 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   53.70%

 Target Compounds                                                 Qvalue
 2) n-Nitrosodimethylamine      1.933   74       9644      0.574 ug/ml#    75
 3) Pyridine                    1.998   79      16273      0.528 ug/ml#    68
 5) Aniline                     5.814   93      21781      0.557 ug/ml     99
 6) 2-Chlorophenol              5.959  128      15292      0.540 ug/ml     93
 8) Phenol                      5.874   94      18518      0.535 ug/ml     99
 9) Bis(2-chloroethyl)ether     5.950   93      15065      0.546 ug/ml#    81
10) 1,3-Dichlorobenzene         6.145  146      21642      0.578 ug/ml     95
11) 1,4-Dichlorobenzene         6.239  146      21862      0.566 ug/ml     97
12) 1,2-Dichlorobenzene         6.426  146      19981      0.546 ug/ml     94
13) Benzyl alcohol              6.451   79      10540      0.498 ug/ml     97
14) Bis(2-chloroisopropyl)...   6.631   45      23834      0.528 ug/ml#    57
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL3.D
Acq On : 5 Mar 2025 12:24 am
Operator : SV107:mrg
Sample : IL8,32,,ABNL0.5 Lot# 11431
Misc : WG2037043
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 05 14:26:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	6.624	108	12882	0.507 ug/ml	97
16) Hexachloroethane	6.819	117	6894	0.534 ug/ml#	43
17) n-Nitrosodi-n-propylamine	6.781	70	10136	0.506 ug/ml#	90
18) 3-Methylphenol/4-Methy...	6.811	108	13772	0.513 ug/ml	97
20) Nitrobenzene	6.924	77	14332	0.505 ug/ml	96
21) Isophorone	7.202	82	27009	0.495 ug/ml	99
22) 2-Nitrophenol	7.277	139	5483	0.408 ug/ml#	87
23) 2,4-Dimethylphenol	7.390	107	14418	0.499 ug/ml	99
24) Bis(2-chloroethoxy)met...	7.480	93	22785	0.576 ug/ml	97
25) 2,4-Dichlorophenol	7.545	162	14687	0.500 ug/ml#	93
26) 1,2,4-Trichlorobenzene	7.624	180	20787	0.550 ug/ml#	95
36) Naphthalene	7.682	128	51793	0.563 ug/ml	99
37) Benzoic Acid	7.457	105	5685	0.559 ug/ml	87
38) 4-Chloroaniline	7.776	65	6462	0.556 ug/ml	95
39) Hexachlorobutadiene	7.855	225	12463	0.564 ug/ml	96
40) p-Chloro-m-cresol	8.310	107	11540	0.472 ug/ml	91
41) 2-Methylnaphthalene	8.409	142	32097	0.546 ug/ml	94
42) 1-Methylnaphthalene	8.499	115	11573	0.549 ug/ml	94
43) Hexachlorocyclopentadiene	8.579	237	12381	0.498 ug/ml	97
44) 2,4,6-Trichlorophenol	8.705	196	11452	0.484 ug/ml	98
45) 2,4,5-Trichlorophenol	8.741	196	11638	0.472 ug/ml	99
47) 2-Chloronaphthalene	8.885	162	38488	0.541 ug/ml	91
48) 2-Nitroaniline	9.002	138	7090	0.408 ug/ml	85
49) 1,4-Dinitrobenzene	9.138	168	4193	0.704 ug/ml#	61
50) 1,3-Dinitrobenzene	9.216	168	4206	0.368 ug/ml#	1
51) Dimethyl phthalate	9.206	163	44897	0.521 ug/ml#	97
52) Acenaphthylene	9.284	152	56951	0.525 ug/ml	99
53) 2,6-Dinitrotoluene	9.245	165	6597	0.408 ug/ml#	80
54) 1,2-Dinitrobenzene	9.294	168	3201	0.466 ug/ml#	1
64) 3-Nitroaniline	9.402	138	7437	0.485 ug/ml#	82
65) Acenaphthene	9.451	154	35255	0.552 ug/ml	92
66) 2,4-Dinitrophenol	9.510	184	2388	0.494 ug/ml#	83
67) Dibenzofuran	9.627	168	61928	0.569 ug/ml	96
68) 2,4-Dinitrotoluene	9.637	165	9063	0.407 ug/ml#	84
69) 4-Nitrophenol	9.598	65	4914M6	0.416 ug/ml	
70) 2,3,5,6-Tetrachlorophenol	9.725	232	9102	0.468 ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	9.764	232	9985	0.476 ug/ml	98
72) Diethyl phthalate	9.896	149	41504	0.528 ug/ml	96
73) Fluorene	9.960	166	46239	0.548 ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.981	204	24717	0.571 ug/ml#	85

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL3.D
Acq On : 5 Mar 2025 12:24 am
Operator : SV107:mrg
Sample : IL8,32,,ABNL0.5 Lot# 11431
Misc : WG2037043
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 05 14:26:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
75) 4-Nitroaniline	9.988	138	7079	0.487 ug/ml	90
76) 4,6-Dinitro-o-cresol	10.030	198	4137	0.712 ug/ml#	62
77) NDPA/DPA	10.093	169	39191	0.553 ug/ml	95
78) Azobenzene	10.129	77	35450	0.530 ug/ml#	91
80) 4-Bromophenyl phenyl e...	10.449	248	13905	0.536 ug/ml#	84
81) Hexachlorobenzene	10.502	284	17324	0.573 ug/ml#	83
82) Pentachlorophenol	10.695	266	6144	0.372 ug/ml	98
89) Phenanthrene	10.877	178	78699	0.552 ug/ml	98
90) Anthracene	10.928	178	73196	0.536 ug/ml	99
91) Carbazole	11.096	167	65101	0.530 ug/ml	98
92) Di-n-butylphthalate	11.490	149	56270	0.447 ug/ml	98
93) Fluoranthene	12.024	202	82816	0.530 ug/ml#	91
94) Benzidine	12.184	184	28159	0.621 ug/ml#	93
95) Pyrene	12.243	202	88021	0.537 ug/ml	98
97) Butyl benzyl phthalate	12.958	149	17340	0.727 ug/ml	88
105) Benzo(a)anthracene	13.462	228	77024	0.511 ug/ml	98
106) 3,3'-Dichlorobenzidine	13.462	252	21450	0.441 ug/ml	97
107) Chrysene	13.493	228	83520	0.561 ug/ml	98
108) Bis(2-ethylhexyl)phtha...	13.588	149	26849	0.484 ug/ml#	95
109) Di-n-octylphthalate	14.262	149	39122	0.677 ug/ml#	77
110) Benzo(b)fluoranthene	14.557	252	68094	0.466 ug/ml#	93
111) Benzo(k)fluoranthene	14.580	252	74775	0.591 ug/ml#	92
112) Benzo(a)pyrene	14.867	252	60192	0.494 ug/ml#	93
114) Indeno(1,2,3-cd)pyrene	15.882	276	56590M6	0.482 ug/mL	
115) Dibenzo(a,h)anthracene	15.905	278	63142	0.540 ug/ml#	88
116) Benzo(ghi)perylene	16.120	276	62024	0.525 ug/ml#	88

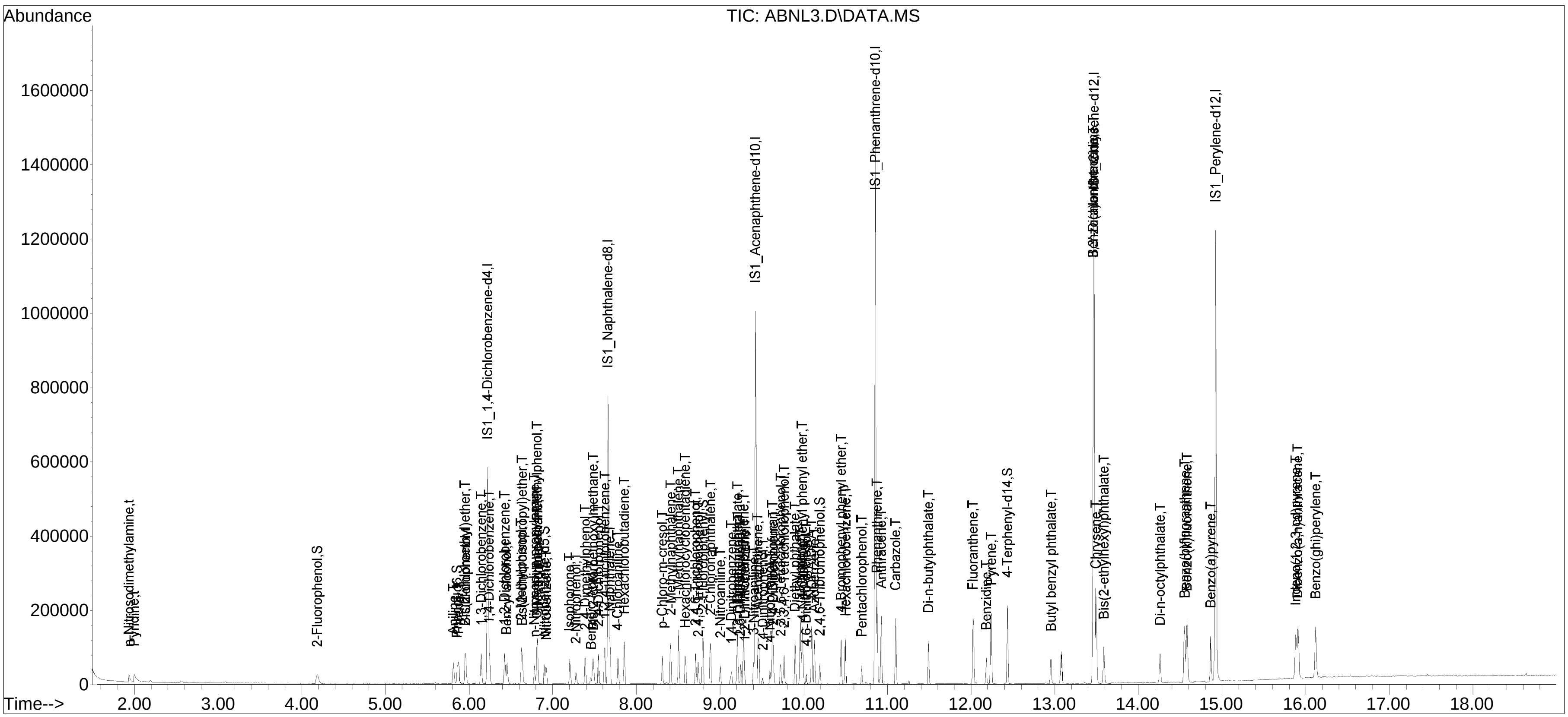
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL3.D
Acq On : 5 Mar 2025 12:24 am
Operator : SV107:mrg
Sample : IL8,32,,ABNL0.5 Lot# 11431
Misc : WG2037043
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 05 14:26:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

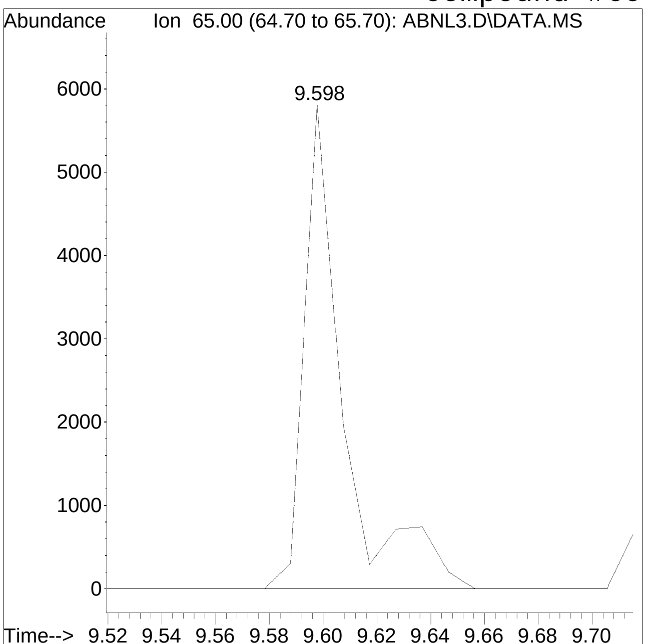
Sub List : ABNical - ABN ical sublistal\ABNL6.D•

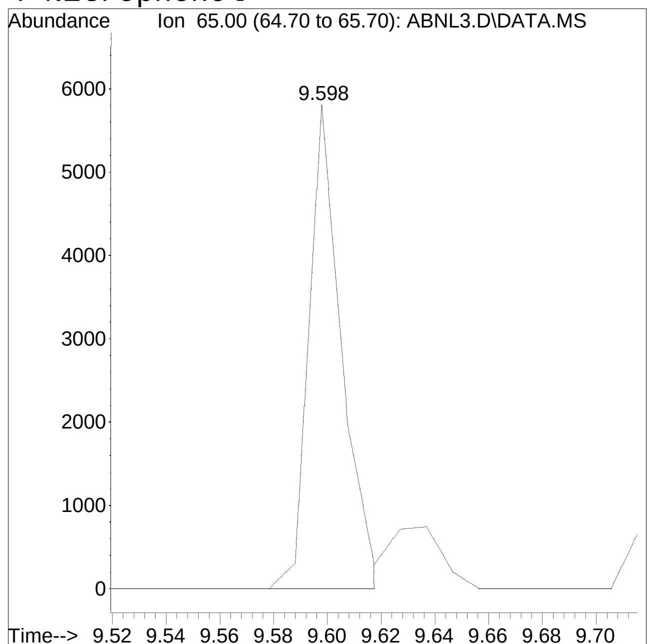


Manual Integration Report

```
Data Path    : I:\8270\SV107\250304ical\ QMethod      : FS250303SV107RVT.m
Data File    : ABNL3.D                    Operator     : SV107:mrg
Date Inj'd   : 3/5/2025 12:24 am          Instrument   : SV107
Sample       : IL8,32,,ABNL0.5 Lot# 11431Quant Date  : 3/5/2025  2:27 pm
```

Compound #69: 4-Nitrophenol



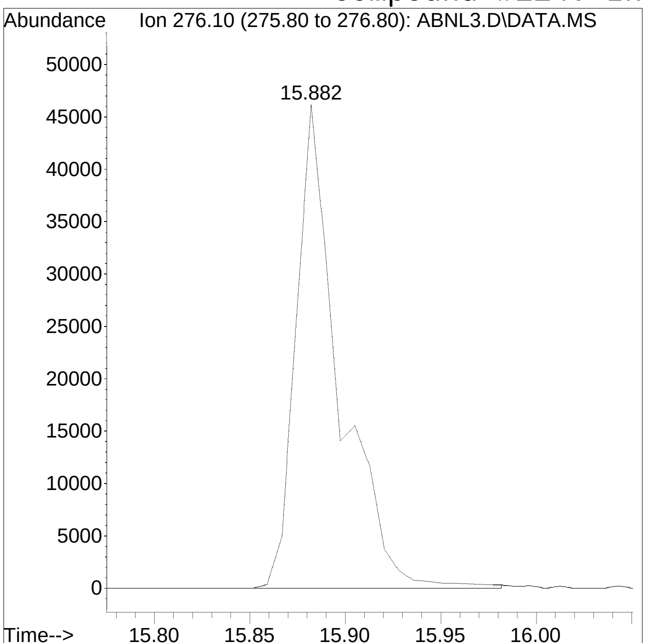


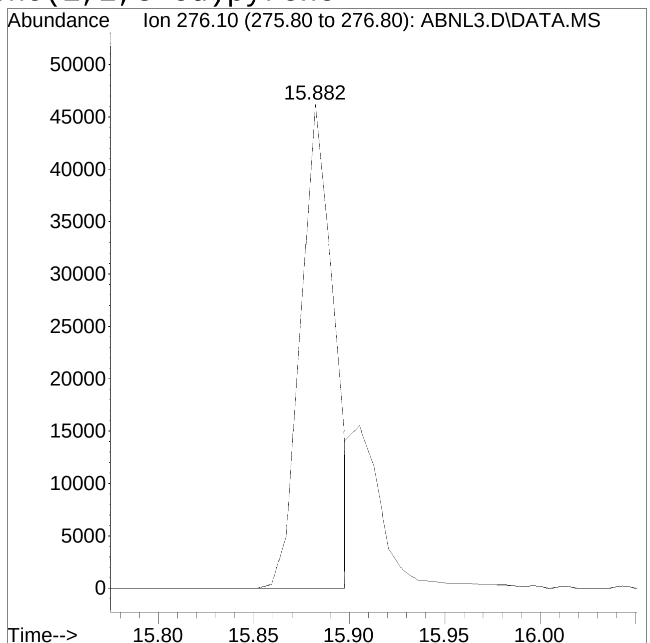
Original Peak Response = 5888 Manual Peak Response = 4914 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : ABNL3.D                    Operator    : SV107:mrg
Date Inj'd  : 3/5/2025 12:24 am          Instrument  : SV107
Sample      : IL8,32,,ABNL0.5 Lot# 11431Quant Date  : 3/5/2025  2:27 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 73153   Manual Peak Response = 56590 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ABNL2.D
Acq On    :  5 Mar 2025  12:49 am
Operator  : SV107:mrg
Sample    : IL9,32,,ABNL0.2 Lot# 11432
Misc      : WG2037043
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Mar 05 14:26:01 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.222  152     98504     4.000 ug/ml    0.00
    Standard Area 1 = 102644                Recovery   =   95.97%
35) IS1_Naphthalene-d8          7.660  136    341928     4.000 ug/ml    0.00
    Standard Area 1 = 369160                Recovery   =   92.62%
63) IS1_Acenaphthene-d10        9.422  164    221615     4.000 ug/ml    0.00
    Standard Area 1 = 247025                Recovery   =   89.71%
88) IS1_Phenanthrene-d10       10.859  188    471242     4.000 ug/ml    0.00
    Standard Area 1 = 519096                Recovery   =   90.78%
104) IS1_Chrysene-d12          13.474  240    439957     4.000 ug/ml  # 0.00
    Standard Area 1 = 519087                Recovery   =   84.76%
113) IS1_Perylene-d12          14.935  264    427156     4.000 ug/ml    0.00
    Standard Area 1 = 504221                Recovery   =   84.72%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.193  112      4415     0.177 ug/ml   0.01
    Spiked Amount      2.000   Range  15 - 110    Recovery   =    8.85%#
 7) Phenol-d6                   5.865   99      5230     0.172 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =    8.60%#
19) Nitrobenzene-d5             6.902   82      4481     0.162 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   16.20%#
46) 2-Fluorobiphenyl            8.795  172     16608     0.198 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   19.80%#
79) 2,4,6-Tribromophenol       10.197  330      1864     0.167 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =    8.35%#
96) 4-Terphenyl-d14            12.437  244     21981     0.193 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   19.30%#

 Target Compounds                                                 Qvalue
 2) n-Nitrosodimethylamine      1.947   74      2596      0.156 ug/ml#    89
 3) Pyridine                    2.034   79      5913M1    0.194 ug/ml
 5) Aniline                     5.814   93      6174      0.160 ug/ml     98
 6) 2-Chlorophenol              5.959  128      5211      0.186 ug/ml     89
 8) Phenol                      5.874   94      6140      0.179 ug/ml     95
 9) Bis(2-chloroethyl)ether     5.959   93      5179      0.190 ug/ml#    81
10) 1,3-Dichlorobenzene         6.145  146      6903      0.186 ug/ml     88
11) 1,4-Dichlorobenzene         6.239  146      7771      0.203 ug/ml     96
12) 1,2-Dichlorobenzene         6.426  146      6844      0.189 ug/ml     90
13) Benzyl alcohol              6.451   79      3503      0.167 ug/ml     93
14) Bis(2-chloroisopropyl)...   6.639   45      7854      0.176 ug/ml#    59
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL2.D
Acq On : 5 Mar 2025 12:49 am
Operator : SV107:mrg
Sample : IL9,32,,ABNL0.2 Lot# 11432
Misc : WG2037043
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 05 14:26:01 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	6.624	108	4269	0.170 ug/ml	98
16) Hexachloroethane	6.819	117	2471	0.194 ug/ml#	54
17) n-Nitrosodi-n-propylamine	6.789	70	3238	0.163 ug/ml#	83
18) 3-Methylphenol/4-Methy...	6.811	108	4563	0.172 ug/ml#	95
20) Nitrobenzene	6.924	77	4829	0.172 ug/ml	94
21) Isophorone	7.210	82	9405	0.174 ug/ml	95
22) 2-Nitrophenol	7.277	139	1893	0.142 ug/ml#	80
23) 2,4-Dimethylphenol	7.382	107	4769	0.167 ug/ml	92
24) Bis(2-chloroethoxy)met...	7.480	93	7231	0.185 ug/ml	96
25) 2,4-Dichlorophenol	7.545	162	4740	0.163 ug/ml#	93
26) 1,2,4-Trichlorobenzene	7.617	180	7122	0.191 ug/ml	94
36) Naphthalene	7.682	128	17966	0.204 ug/ml	98
37) Benzoic Acid	7.450	105	1545	0.159 ug/ml	90
38) 4-Chloroaniline	7.776	65	2102	0.189 ug/ml	93
39) Hexachlorobutadiene	7.855	225	4300	0.204 ug/ml	97
40) p-Chloro-m-cresol	8.310	107	3887	0.166 ug/ml	88
41) 2-Methylnaphthalene	8.409	142	11051	0.197 ug/ml	94
42) 1-Methylnaphthalene	8.499	115	3888	0.193 ug/ml	85
43) Hexachlorocyclopentadiene	8.579	237	4204	0.177 ug/ml	95
44) 2,4,6-Trichlorophenol	8.705	196	3433	0.152 ug/ml	89
45) 2,4,5-Trichlorophenol	8.732	196	3730	0.158 ug/ml	99
47) 2-Chloronaphthalene	8.885	162	13596	0.200 ug/ml#	90
48) 2-Nitroaniline	9.002	138	2084	0.126 ug/ml	95
49) 1,4-Dinitrobenzene	9.138	168	1269	0.504 ug/ml	76
50) 1,3-Dinitrobenzene	9.216	168	1292	0.118 ug/ml#	1
51) Dimethyl phthalate	9.206	163	15228	0.185 ug/ml#	94
52) Acenaphthylene	9.285	152	18535	0.179 ug/ml	99
53) 2,6-Dinitrotoluene	9.245	165	1953	0.127 ug/ml#	81
54) 1,2-Dinitrobenzene	9.294	168	933	0.142 ug/ml#	1
64) 3-Nitroaniline	9.402	138	1982	0.138 ug/ml#	15
65) Acenaphthene	9.451	154	12815	0.214 ug/ml	94
66) 2,4-Dinitrophenol	9.510	184	612	0.285 ug/ml#	61
67) Dibenzofuran	9.627	168	21014	0.205 ug/ml	97
68) 2,4-Dinitrotoluene	9.637	165	2453	0.117 ug/ml#	74
69) 4-Nitrophenol	9.598	65	1401M6	0.126 ug/ml	
70) 2,3,5,6-Tetrachlorophenol	9.725	232	2541	0.139 ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	9.764	232	2953	0.150 ug/ml	98
72) Diethyl phthalate	9.900	149	13750	0.186 ug/ml	97
73) Fluorene	9.957	166	15138	0.191 ug/ml	92
74) 4-Chlorophenyl phenyl ...	9.978	204	8559	0.211 ug/ml#	84

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL2.D
Acq On : 5 Mar 2025 12:49 am
Operator : SV107:mrg
Sample : IL9,32,,ABNL0.2 Lot# 11432
Misc : WG2037043
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 05 14:26:01 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 4-Nitroaniline	9.992	138	1855	0.136	ug/ml#	92
76) 4,6-Dinitro-o-cresol	10.027	198	1168	0.508	ug/ml#	75
77) NDPA/DPA	10.098	169	12513	0.188	ug/ml	95
78) Azobenzene	10.126	77	11178	0.178	ug/ml#	92
80) 4-Bromophenyl phenyl e...	10.446	248	4745	0.195	ug/ml#	78
81) Hexachlorobenzene	10.499	284	5980	0.210	ug/ml#	85
82) Pentachlorophenol	10.691	266	1999	0.129	ug/ml	97
89) Phenanthrene	10.881	178	28118	0.211	ug/ml	99
90) Anthracene	10.925	178	24776	0.195	ug/ml	99
91) Carbazole	11.100	167	20081	0.175	ug/ml	98
92) Di-n-butylphthalate	11.495	149	16934	0.144	ug/ml	99
93) Fluoranthene	12.028	202	27666	0.190	ug/ml#	92
94) Benzidine	12.188	184	6187	0.416	ug/ml#	84
95) Pyrene	12.239	202	29205	0.191	ug/ml	99
97) Butyl benzyl phthalate	12.955	149	5627	0.563	ug/ml	88
105) Benzo(a)anthracene	13.466	228	26049	0.190	ug/ml	99
106) 3,3'-Dichlorobenzidine	13.466	252	6312	0.142	ug/ml#	95
107) Chrysene	13.497	228	29801	0.220	ug/ml	99
108) Bis(2-ethylhexyl)phtha...	13.592	149	8371	0.281	ug/ml#	93
109) Di-n-octylphthalate	14.266	149	12542	0.509	ug/ml#	79
110) Benzo(b)fluoranthene	14.561	252	21529	0.162	ug/ml#	93
111) Benzo(k)fluoranthene	14.593	252	21807	0.189	ug/ml#	91
112) Benzo(a)pyrene	14.880	252	17732	0.160	ug/ml#	92
114) Indeno(1,2,3-cd)pyrene	15.894	276	18051M6	0.168	ug/mL	
115) Dibenzo(a,h)anthracene	15.924	278	18738	0.175	ug/ml#	90
116) Benzo(ghi)perylene	16.131	276	21184	0.196	ug/ml#	83

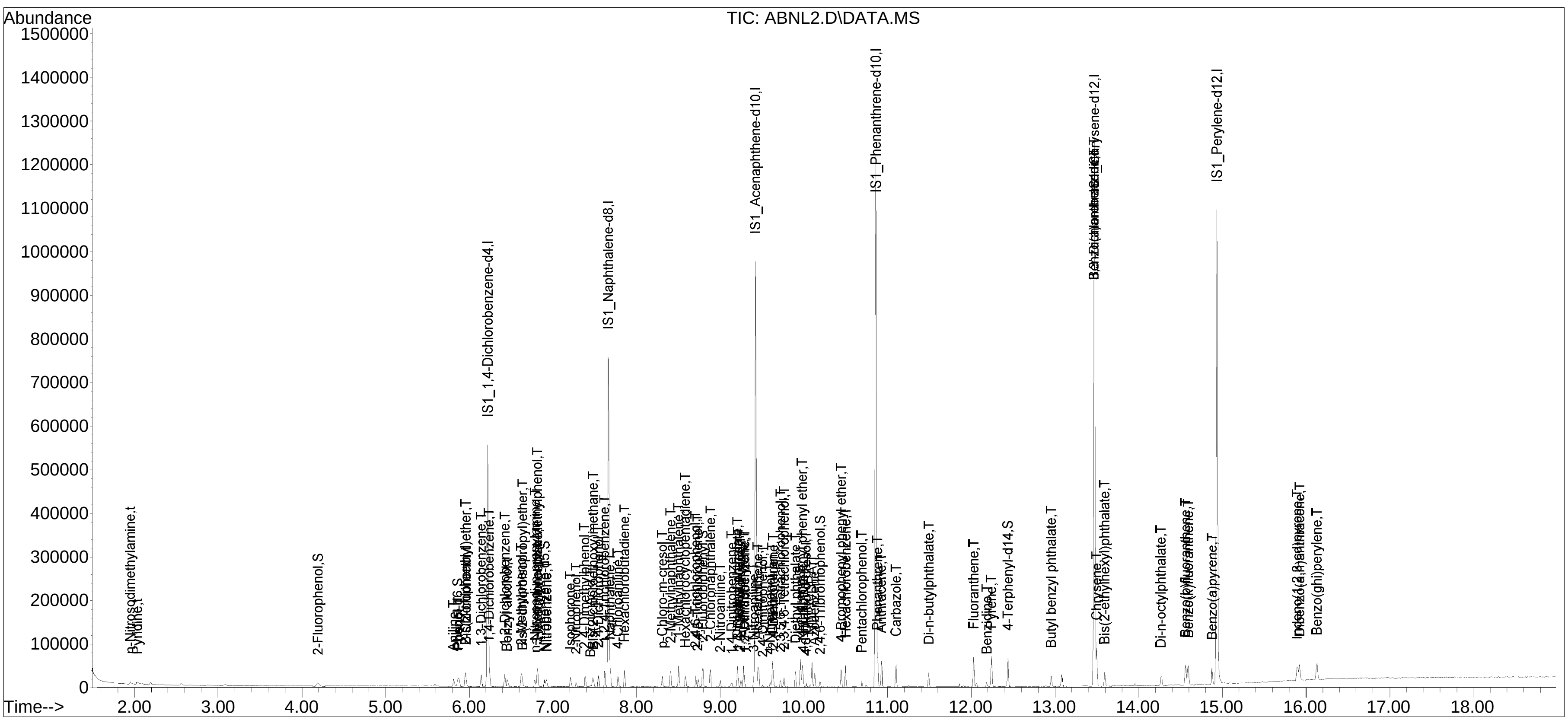
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL2.D
Acq On : 5 Mar 2025 12:49 am
Operator : SV107:mrg
Sample : IL9,32,,ABNL0.2 Lot# 11432
Misc : WG2037043
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 05 14:26:01 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

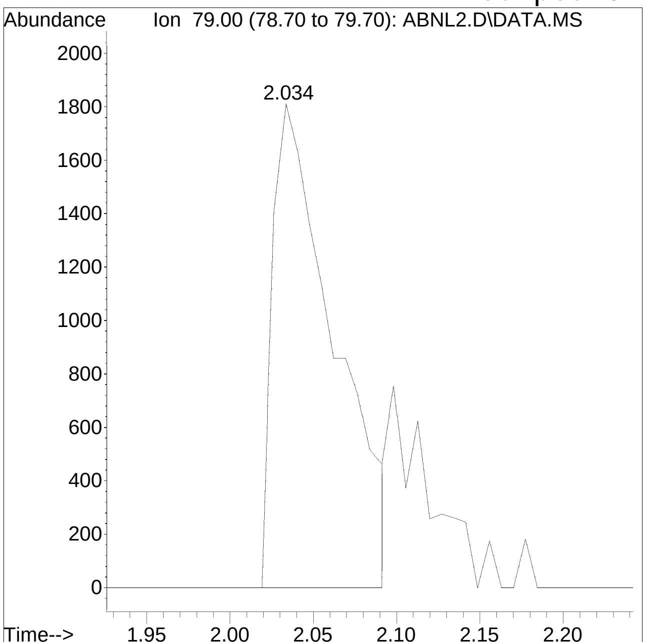
Sub List : ABNical - ABN ical sublistal\ABNL6.D•

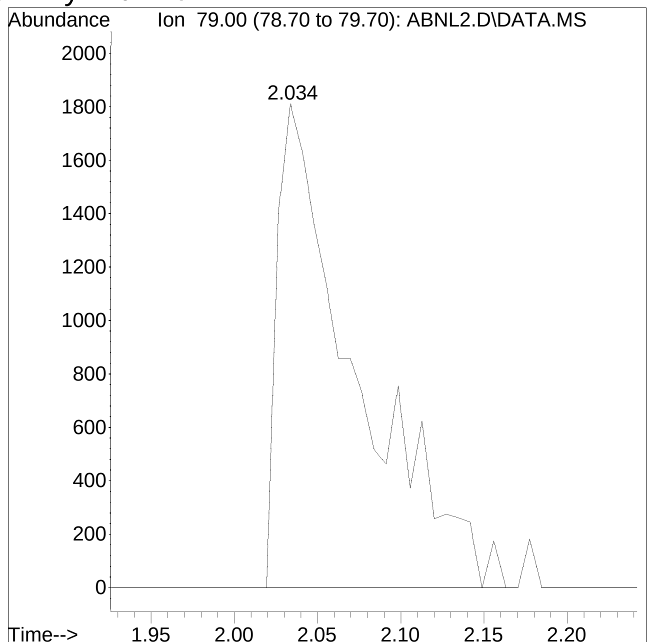


Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ABNL2.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 12:49 am	Instrument	: SV107
Sample	: IL9,32,,ABNL0.2 Lot# 11432	Quant Date	: 3/5/2025 2:27 pm

Compound #3: Pyridine





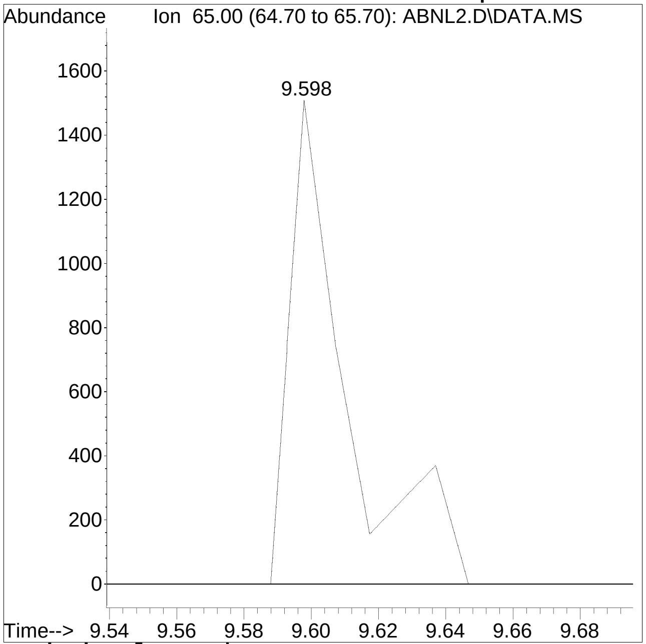
Original Peak Response = 4633   Manual Peak Response = 5913 M1

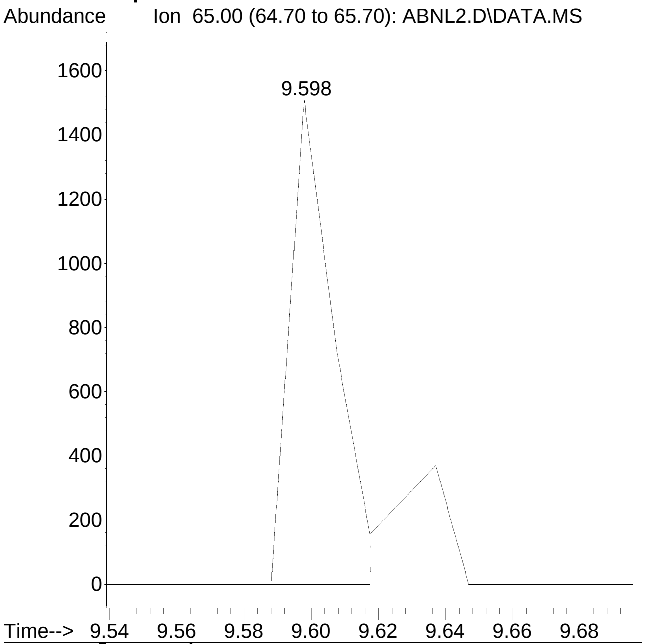
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : ABNL2.D                   Operator    : SV107:mrg
Date Inj'd  : 3/5/2025 12:49 am         Instrument  : SV107
Sample      : IL9,32,,ABNL0.2 Lot# 11432Quant Date  : 3/5/2025  2:27 pm
```

Compound #69: 4-Nitrophenol





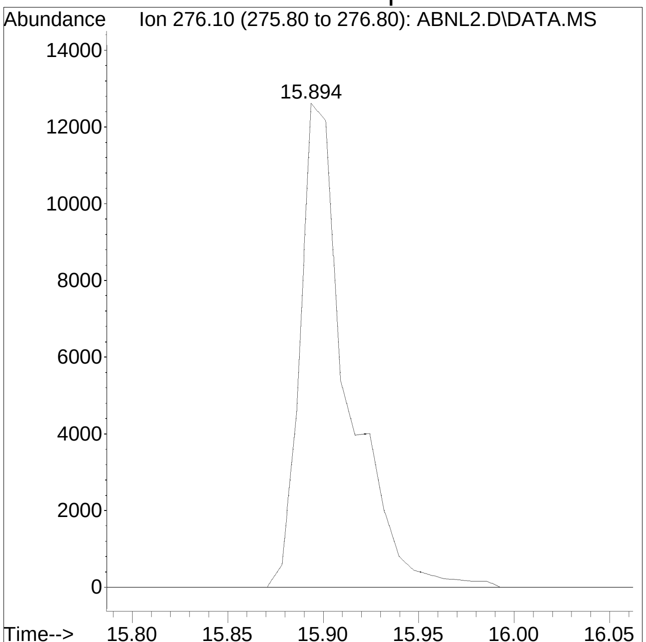
Original Peak Response = 1772 Manual Peak Response = 1401 M6

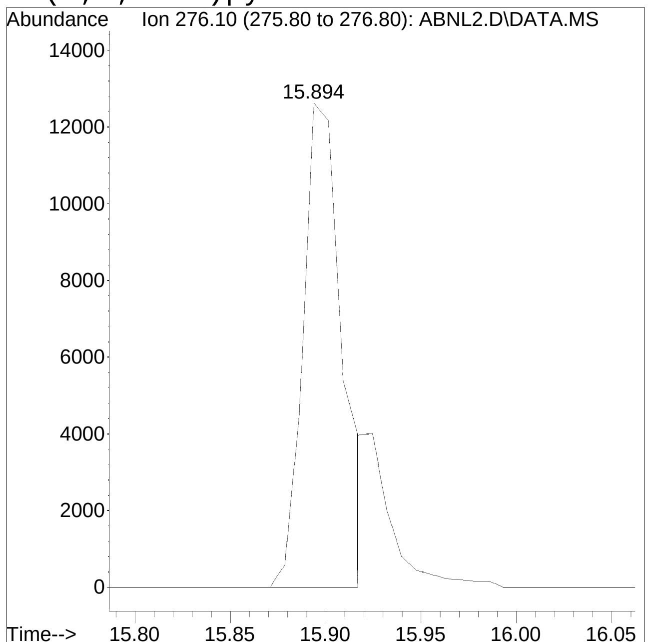
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\SV107\250304ical\ QMethod : FS250303SV107RVT.m
Data File : ABNL2.D Operator : SV107:mrg
Date Inj'd : 3/5/2025 12:49 am Instrument : SV107
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/5/2025 2:27 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 21873 Manual Peak Response = 18051 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

```
                        Quantitation Report    (QT Reviewed)

  Data Path : I:\8270\SV107\250304ical\
  Data File : ABNL1.D
  Acq On    :  5 Mar 2025   1:14 am
  Operator  : SV107:mrg
  Sample    : IL10,32,,ABNL0.1 Lot# 11433
  Misc      : WG2037043
  ALS Vial  : 9   Sample Multiplier: 1

  Quant Time: Mar 05 14:25:51 2025
  Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
  Quant Title  : Semivolatiles by GC/MS by modified 8270
  QLast Update : Wed Mar 05 14:26:05 2025
  Response via : Initial Calibration

  CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
  Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
   --------------------------------------------------------------------------
   Internal Standards
   1) IS1_1,4-Dichlorobenzen...   6.222  152     97862     4.000 ug/ml    0.00
     Standard Area 1 = 102644                 Recovery   =   95.34%
  35) IS1_Naphthalene-d8          7.660  136    342884     4.000 ug/ml    0.00
     Standard Area 1 = 369160                 Recovery   =   92.88%
  63) IS1_Acenaphthene-d10        9.422  164    221083     4.000 ug/ml    0.00
     Standard Area 1 = 247025                 Recovery   =   89.50%
  88) IS1_Phenanthrene-d10       10.859  188    483623     4.000 ug/ml    0.00
     Standard Area 1 = 519096                 Recovery   =   93.17%
 104) IS1_Chrysene-d12           13.474  240    458282     4.000 ug/ml  # 0.00
     Standard Area 1 = 519087                 Recovery   =   88.29%
 113) IS1_Perylene-d12           14.935  264    454659     4.000 ug/ml    0.00
     Standard Area 1 = 504221                 Recovery   =   90.17%

   System Monitoring Compounds
   4) 2-Fluorophenol              4.193  112      2437     0.098 ug/ml   0.01
     Spiked Amount      2.000   Range  15 - 110    Recovery   =    4.90%#
   7) Phenol-d6                   5.865   99      3233     0.107 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =    5.35%#
  19) Nitrobenzene-d5             6.902   82      2576     0.093 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =    9.30%#
  46) 2-Fluorobiphenyl            8.786  172      9632     0.114 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =   11.40%#
  79) 2,4,6-Tribromophenol       10.196  330       948     0.085 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =    4.25%#
  96) 4-Terphenyl-d14            12.437  244     13099     0.112 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =   11.20%#

   Target Compounds                                                  Qvalue
   2) n-Nitrosodimethylamine      1.969   74       1442      0.087 ug/ml#    96
   3) Pyridine                    2.055   79       3646M1    0.120 ug/ml
   5) Aniline                     5.823   93       2841      0.074 ug/ml#    93
   6) 2-Chlorophenol              5.959  128       2616      0.094 ug/ml     97
   8) Phenol                      5.882   94       3633      0.107 ug/ml     94
   9) Bis(2-chloroethyl)ether     5.959   93       3022      0.111 ug/ml#    80
  10) 1,3-Dichlorobenzene         6.145  146       4008      0.109 ug/ml     96
  11) 1,4-Dichlorobenzene         6.239  146       4195      0.110 ug/ml#    78
  12) 1,2-Dichlorobenzene         6.426  146       3986      0.111 ug/ml     97
  13) Benzyl alcohol              6.460   79       1897      0.091 ug/ml     97
  14) Bis(2-chloroisopropyl)...   6.639   45       4658      0.105 ug/ml#    59
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL1.D
Acq On : 5 Mar 2025 1:14 am
Operator : SV107:mrg
Sample : IL10,32,,ABNL0.1 Lot# 11433
Misc : WG2037043
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 05 14:25:51 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	6.624	108	2440	0.098 ug/ml	92
16) Hexachloroethane	6.819	117	1174	0.093 ug/ml#	34
17) n-Nitrosodi-n-propylamine	6.789	70	1868	0.095 ug/ml#	59
18) 3-Methylphenol/4-Methy...	6.819	108	2414	0.092 ug/ml#	89
20) Nitrobenzene	6.924	77	2469	0.089 ug/ml#	91
21) Isophorone	7.210	82	5074	0.095 ug/ml#	94
22) 2-Nitrophenol	7.277	139	869	0.066 ug/ml#	77
23) 2,4-Dimethylphenol	7.390	107	2489	0.088 ug/ml	98
24) Bis(2-chloroethoxy)met...	7.480	93	3932	0.101 ug/ml#	88
25) 2,4-Dichlorophenol	7.545	162	2526	0.088 ug/ml	94
26) 1,2,4-Trichlorobenzene	7.624	180	4083	0.110 ug/ml	97
36) Naphthalene	7.682	128	9895	0.112 ug/ml	97
37) Benzoic Acid	7.450	105	816M6	0.082 ug/ml	
38) 4-Chloroaniline	7.783	65	1187	0.107 ug/ml	94
39) Hexachlorobutadiene	7.855	225	2444	0.116 ug/ml	96
40) p-Chloro-m-cresol	8.310	107	2155	0.092 ug/ml	88
41) 2-Methylnaphthalene	8.409	142	6182	0.110 ug/ml	94
42) 1-Methylnaphthalene	8.499	115	2227	0.110 ug/ml	91
43) Hexachlorocyclopentadiene	8.579	237	2198	0.092 ug/ml#	93
44) 2,4,6-Trichlorophenol	8.705	196	2269	0.100 ug/ml	94
45) 2,4,5-Trichlorophenol	8.732	196	2315	0.098 ug/ml#	92
47) 2-Chloronaphthalene	8.885	162	8241	0.121 ug/ml#	91
48) 2-Nitroaniline	9.002	138	1308	0.079 ug/ml	85
49) 1,4-Dinitrobenzene	9.138	168	724	0.464 ug/ml#	70
50) 1,3-Dinitrobenzene	9.216	168	670	0.061 ug/ml#	1
51) Dimethyl phthalate	9.206	163	8856	0.107 ug/ml#	96
52) Acenaphthylene	9.284	152	10957	0.106 ug/ml	98
53) 2,6-Dinitrotoluene	9.245	165	1022	0.066 ug/ml#	79
54) 1,2-Dinitrobenzene	9.294	168	509	0.077 ug/ml#	1
64) 3-Nitroaniline	9.402	138	1047	0.073 ug/ml#	1
65) Acenaphthene	9.451	154	7695	0.129 ug/ml	98
66) 2,4-Dinitrophenol	9.510	184	350M2	0.252 ug/ml	
67) Dibenzofuran	9.627	168	12009	0.118 ug/ml	96
68) 2,4-Dinitrotoluene	9.637	165	1394	0.067 ug/ml#	71
69) 4-Nitrophenol	9.598	65	774	0.070 ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	9.725	232	1624	0.089 ug/ml	88
71) 2,3,4,6-Tetrachlorophenol	9.764	232	1554	0.079 ug/ml	96
72) Diethyl phthalate	9.900	149	7241	0.098 ug/ml	95
73) Fluorene	9.957	166	9113	0.115 ug/ml	94
74) 4-Chlorophenyl phenyl ...	9.978	204	5053	0.125 ug/ml#	85

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNL1.D
Acq On   : 5 Mar 2025   1:14 am
Operator : SV107:mrg
Sample   : IL10,32,,ABNL0.1 Lot# 11433
Misc   : WG2037043
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Mar 05 14:25:51 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List   : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
75) 4-Nitroaniline	9.992	138	978	0.072 ug/ml#	88
76) 4,6-Dinitro-o-cresol	10.027	198	600	0.466 ug/ml#	65
77) NDPA/DPA	10.098	169	6764	0.102 ug/ml	92
78) Azobenzene	10.126	77	6190	0.099 ug/ml#	91
80) 4-Bromophenyl phenyl e...	10.446	248	2923	0.120 ug/ml#	82
81) Hexachlorobenzene	10.499	284	3520	0.124 ug/ml#	77
82) Pentachlorophenol	10.699	266	1158	0.075 ug/ml	92
89) Phenanthrene	10.881	178	16504	0.121 ug/ml	97
90) Anthracene	10.925	178	14222	0.109 ug/ml	99
91) Carbazole	11.100	167	11425	0.097 ug/ml	99
92) Di-n-butylphthalate	11.495	149	9785	0.081 ug/ml#	93
93) Fluoranthene	12.028	202	16231	0.109 ug/ml#	91
94) Benzidine	12.181	184	2941	0.382 ug/ml#	68
95) Pyrene	12.239	202	16588	0.106 ug/ml	99
97) Butyl benzyl phthalate	12.955	149	3614	0.530 ug/ml	89
105) Benzo(a)anthracene	13.466	228	16049	0.112 ug/ml	98
106) 3,3'-Dichlorobenzidine	13.466	252	3597	0.078 ug/ml#	89
107) Chrysene	13.497	228	18061	0.128 ug/ml	97
108) Bis(2-ethylhexyl)phtha...	13.592	149	5329	0.240 ug/ml#	97
109) Di-n-octylphthalate	14.266	149	8189	0.475 ug/ml#	75
110) Benzo(b)fluoranthene	14.561	252	13871	0.100 ug/ml#	82
111) Benzo(k)fluoranthene	14.585	252	12764	0.106 ug/ml#	90
112) Benzo(a)pyrene	14.872	252	10843	0.094 ug/ml#	92
114) Indeno(1,2,3-cd)pyrene	15.894	276	11117M6	0.097 ug/mL	
115) Dibenzo(a,h)anthracene	15.917	278	10222	0.090 ug/ml#	92
116) Benzo(ghi)perylene	16.131	276	12181	0.106 ug/ml#	90

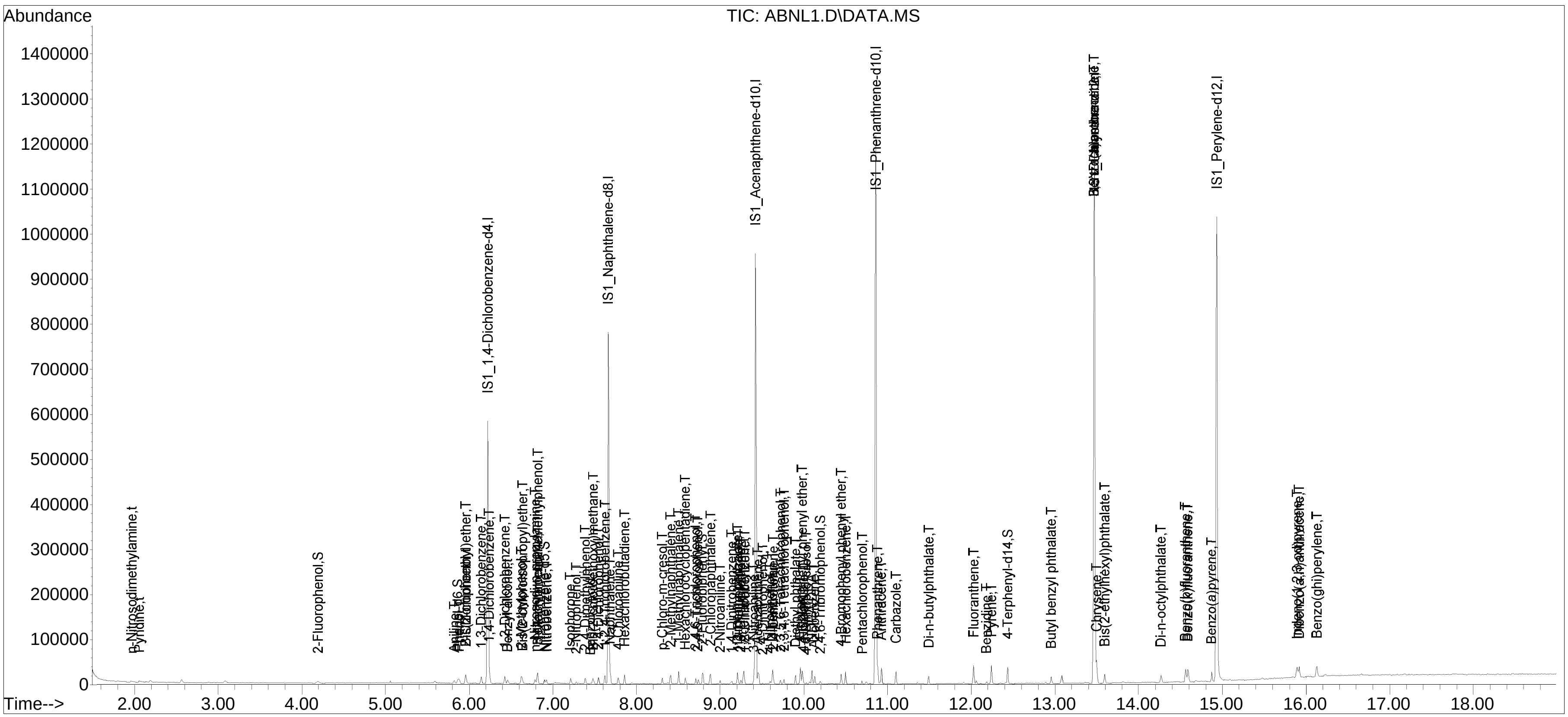
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ABNL1.D
Acq On    :  5 Mar 2025   1:14 am
Operator  : SV107:mrg
Sample    : IL10,32,,ABNL0.1 Lot# 11433
Misc      : WG2037043
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Mar 05 14:25:51 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

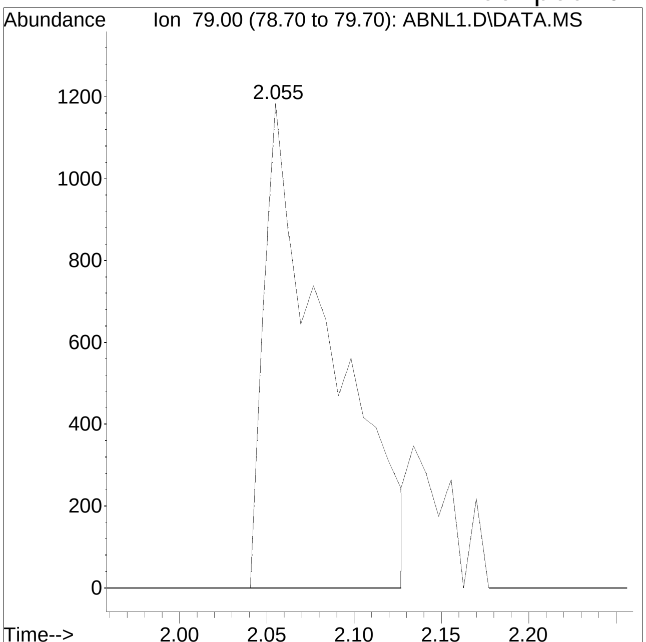
Sub List     : ABNical - ABN ical sublistal\ABNL6.D•
```

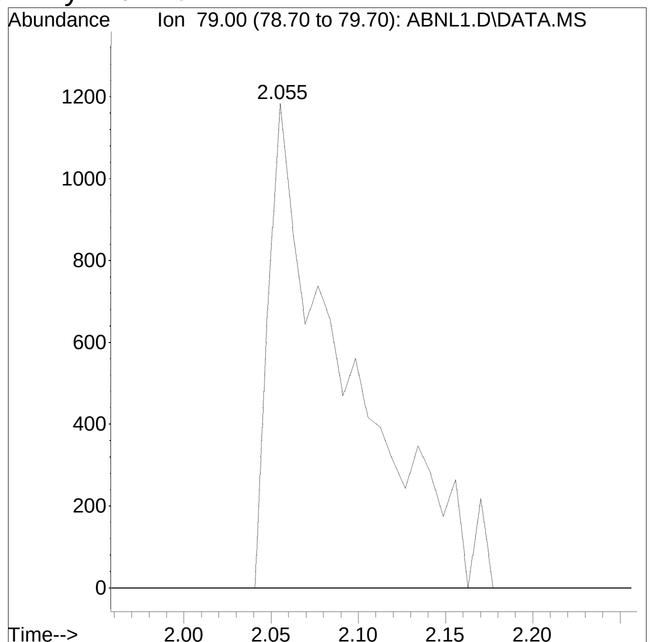


Manual Integration Report

Data Path : I:\8270\SV107\250304ical\ QMethod : FS250303SV107RVT.m
Data File : ABNL1.D Operator : SV107:mrg
Date Inj'd : 3/5/2025 1:14 am Instrument : SV107
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/5/2025 2:26 pm

Compound #3: Pyridine



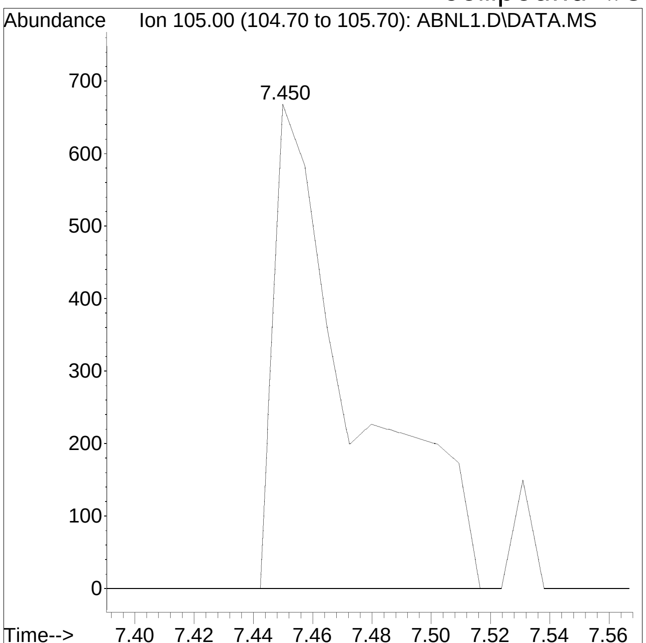


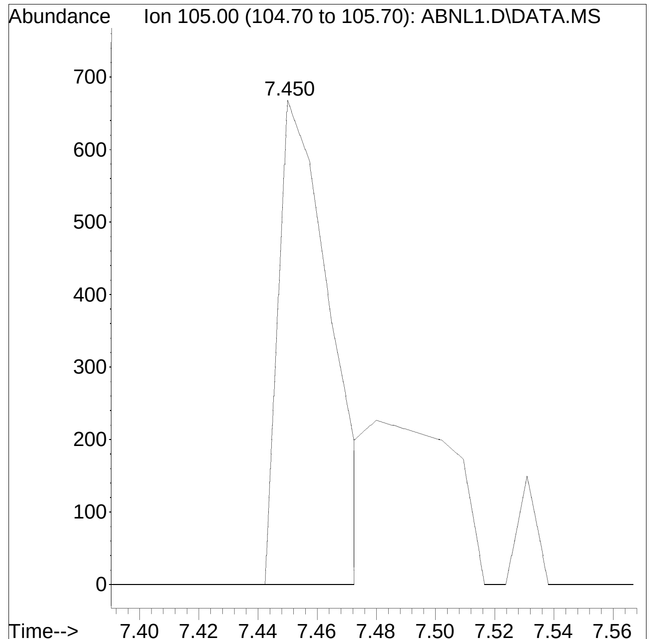
Original Peak Response = 3092 Manual Peak Response = 3646 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV107\250304ical\ QMethod : FS250303SV107RVT.m
Data File : ABNL1.D Operator : SV107:mrg
Date Inj'd : 3/5/2025 1:14 am Instrument : SV107
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/5/2025 2:26 pm

Compound #37: Benzoic Acid



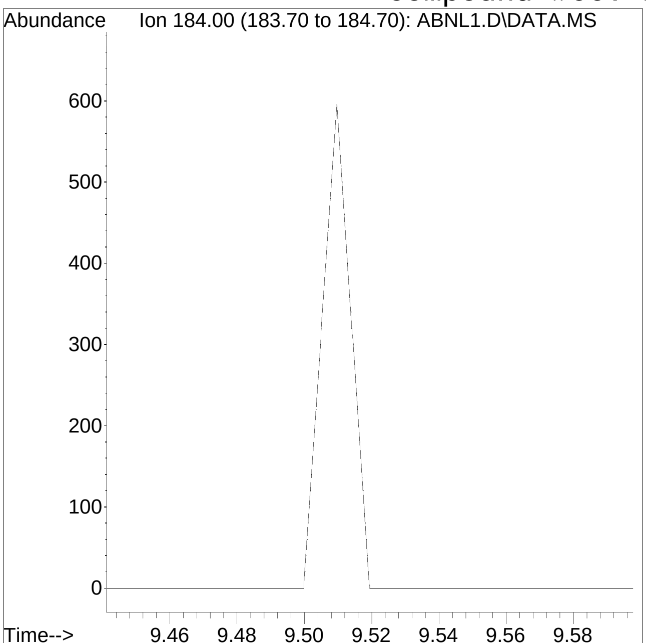


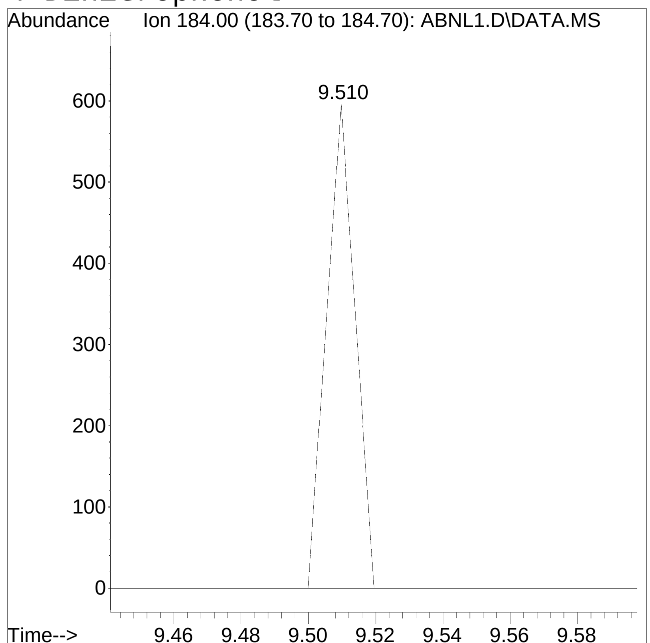
Original Peak Response = 1285 Manual Peak Response = 816 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\SV107\250304ical\ QMethod : FS250303SV107RVT.m
Data File : ABNL1.D Operator : SV107:mrg
Date Inj'd : 3/5/2025 1:14 am Instrument : SV107
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/5/2025 2:26 pm

Compound #66: 2,4-Dinitrophenol



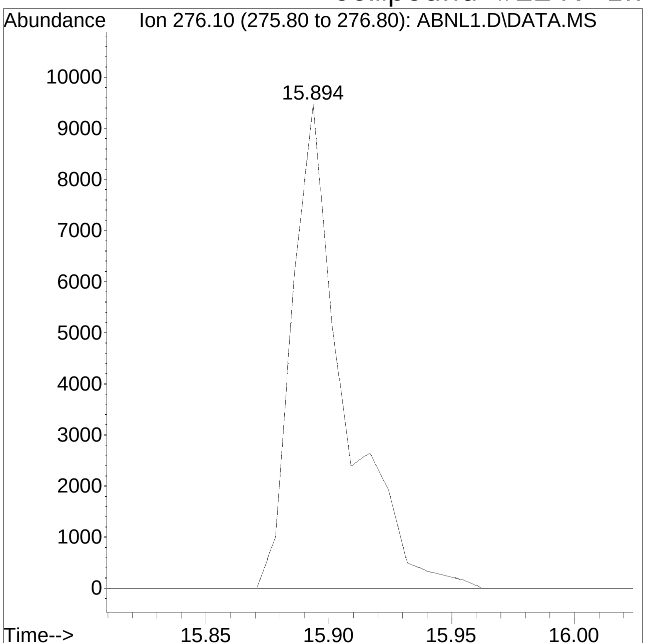


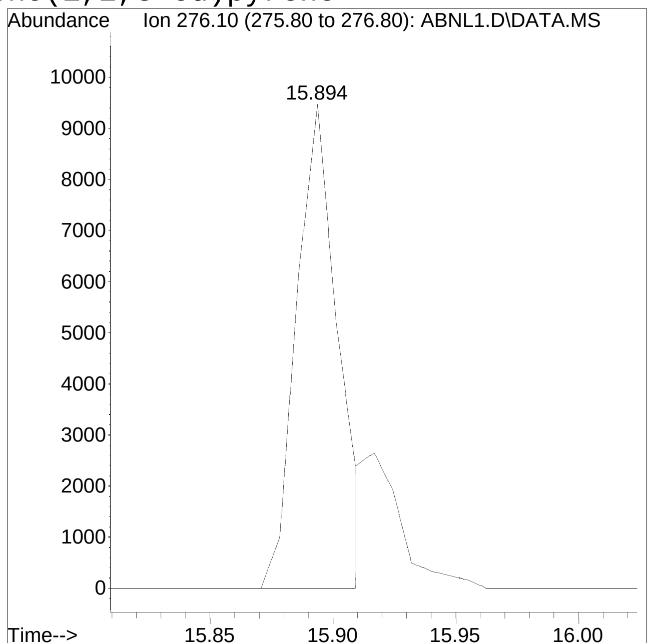
Original Peak Response = 0 Manual Peak Response = 350 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : ABNL1.D                   Operator    : SV107:mrg
Date Inj'd  : 3/5/2025  1:14 am         Instrument  : SV107
Sample      : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/5/2025  2:26 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 13798

Manual Peak Response = 11117 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV107\250304ical\
Data File : ABNICV.D
Acq On : 5 Mar 2025 3:47 am
Operator : SV107:mrg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2037043
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 05 14:28:08 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	91	0.00
2	t	n-Nitrosodimethylamine		0.675	0.731	-8.3	95	0.00
3	t	Pyridine		1.237	0.893	27.8#	69	0.00
4	S	2-Fluorophenol		1.016	1.105	-8.8	99	0.00
5	T	Aniline		1.570	1.681	-7.1	93	0.00
6	t	2-Chlorophenol		1.138	1.234	-8.4	99	0.00
7	S	Phenol-d6		1.238	1.368	-10.5	99	0.00
8	T	Phenol		1.390	1.476	-6.2	97	0.00
9	T	Bis(2-chloroethyl)ether		1.108	1.194	-7.8	102	0.00
10	T	1,3-Dichlorobenzene		1.505	1.570	-4.3	98	0.00
11	T	1,4-Dichlorobenzene		1.552	1.597	-2.9	99	0.00
12	T	1,2-Dichlorobenzene		1.469	1.531	-4.2	99	0.00
13	t	Benzyl alcohol		0.850	0.903	-6.2	94	0.00
14	T	Bis(2-chloroisopropyl)ether		1.811	1.915	-5.7	99	0.00
15	T	2-Methylphenol		1.021	1.098	-7.5	97	0.00
16	T	Hexachloroethane		0.519	0.554	-6.7	99	0.00
17	T	n-Nitrosodi-n-propylamine		0.804	0.872	-8.5	96	0.00
18	T	3-Methylphenol/4-Methylphen		1.078	1.189	-10.3	99	0.00
19	S	Nitrobenzene-d5		1.126	1.179	-4.7	93	0.00
20	T	Nitrobenzene		1.140	1.239	-8.7	96	0.00
21	T	Isophorone		2.190	2.357	-7.6	96	0.00
22	T	2-Nitrophenol		0.540	0.515	4.6	89	0.00
23	T	2,4-Dimethylphenol		1.161	1.268	-9.2	96	0.00
24	T	Bis(2-chloroethoxy)methane		1.589	1.829	-15.1	99	0.00
25	T	2,4-Dichlorophenol		1.180	1.290	-9.3	96	0.00
26	T	1,2,4-Trichlorobenzene		1.517	1.578	-4.0	100	0.00
35	I	IS1_Naphthalene-d8		1.000	1.000	0.0	92	0.00
36	T	Naphthalene		1.028	1.078	-4.9	102	0.00
37	T	Benzoic Acid	*	5.000	3.973	20.5#	78	0.00
38	T	4-Chloroaniline		0.130	0.139	-6.9	101	0.00
39	T	Hexachlorobutadiene		0.247	0.249	-0.8	99	0.00
40	T	p-Chloro-m-cresol		0.273	0.301	-10.3	98	0.00
41	T	2-Methylnaphthalene		0.657	0.710	-8.1	103	0.00
42	T	1-Methylnaphthalene		0.236	0.247	-4.7	99	0.00
43	T	Hexachlorocyclopentadiene		0.278	0.278	0.0	92	0.00
44	T	2,4,6-Trichlorophenol		0.264	0.277	-4.9	93	0.00
45	T	2,4,5-Trichlorophenol		0.275	0.304	-10.5	99	0.00
46	S	2-Fluorobiphenyl		0.982	1.028	-4.7	100	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV107\250304ical\
Data File : ABNICV.D
Acq On : 5 Mar 2025 3:47 am
Operator : SV107:mrg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2037043
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 05 14:28:08 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.795	0.831	-4.5	102	0.00
48	T	2-Nitroaniline		0.194	0.194	0.0	91	0.00
49	T	1,4-Dinitrobenzene	*	5.000	4.334	13.3	96	0.00
50	T	1,3-Dinitrobenzene		0.128	0.130	-1.6	92	0.00
51	T	Dimethyl phthalate		0.963	1.061	-10.2	99	0.00
52	T	Acenaphthylene		1.211	1.343	-10.9	101	0.00
53	T	2,6-Dinitrotoluene		0.180	0.198	-10.0	96	0.00
54	T	1,2-Dinitrobenzene		0.077	0.091	-18.2	98	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	94	0.00
64	T	3-Nitroaniline		0.260	0.309	-18.8	99	0.00
65	T	Acenaphthene		1.082	1.094	-1.1	103	0.00
66	T	2,4-Dinitrophenol	*	5.000	4.375	12.5	88	0.00
67	T	Dibenzofuran		1.846	1.946	-5.4	102	0.00
68	T	2,4-Dinitrotoluene		0.377	0.414	-9.8	97	0.00
69	T	4-Nitrophenol		0.200	0.242	-21.0#	108	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.330	0.380	-15.2	99	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.355	0.412	-16.1	95	0.00
72	T	Diethyl phthalate		1.332	1.471	-10.4	100	0.00
73	T	Fluorene		1.430	1.543	-7.9	103	0.00
74	T	4-Chlorophenyl phenyl ether		0.733	0.772	-5.3	104	0.00
75	T	4-Nitroaniline		0.246	0.297	-20.7#	99	0.00
76	T	4,6-Dinitro-o-cresol	*	5.000	4.297	14.1	92	0.00
77	T	NDPA/DPA		1.200	1.330	-10.8	103	0.00
78	T	Azobenzene		1.133	1.289	-13.8	101	0.00
79	S	2,4,6-Tribromophenol		0.201	0.228	-13.4	98	0.00
80	T	4-Bromophenyl phenyl ether		0.439	0.456	-3.9	100	0.00
81	T	Hexachlorobenzene		0.513	0.529	-3.1	103	0.00
82	T	Pentachlorophenol		0.280	0.276	1.4	91	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	94	0.00
89	T	Phenanthrene		1.129	1.183	-4.8	104	0.00
90	T	Anthracene		1.081	1.166	-7.9	101	0.00
91	T	Carbazole		0.973	1.064	-9.4	100	0.00
92	T	Di-n-butylphthalate		0.996	1.186	-19.1	101	0.00
93	T	Fluoranthene		1.236	1.392	-12.6	103	0.00
94	T	Benzidine	*	5.000	5.296	-5.9	106	0.00
95	T	Pyrene		1.297	1.503	-15.9	103	0.00
96	S	4-Terphenyl-d14		0.965	1.071	-11.0	103	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV107\250304ical\
Data File : ABNICV.D
Acq On : 5 Mar 2025 3:47 am
Operator : SV107:mrg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2037043
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 05 14:28:08 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	*	5.000	4.408	11.8	95	0.00
104	I	IS1_Chrysene-d12		1.000	1.000	0.0	97	0.00
105	T	Benzo(a)anthracene		1.249	1.347	-7.8	103	0.00
106	T	3,3'-Dichlorobenzidine		0.403	0.494	-22.6#	103	0.00
107	T	Chrysene		1.233	1.249	-1.3	105	0.00
108	T	Bis(2-ethylhexyl)phthalate	*	5.000	4.997	0.1	99	0.00
109	T	Di-n-octylphthalate	*	5.000	4.810	3.8	101	0.00
110	T	Benzo(b)fluoranthene		1.211	1.394	-15.1	103	0.00
111	T	Benzo(k)fluoranthene		1.049	1.108	-5.6	107	0.00
112	T	Benzo(a)pyrene		1.009	1.157	-14.7	106	0.00
113	I	IS1_Perylene-d12		1.000	1.000	0.0	97	0.00
114	T	Indeno(1,2,3-cd)pyrene		1.005	1.164	-15.8	105	0.00
115	T	Dibenzo(a,h)anthracene		1.000	1.114	-11.4	105	0.00
116	T	Benzo(ghi)perylene		1.011	1.093	-8.1	104	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNICV.D
Acq On : 5 Mar 2025 3:47 am
Operator : SV107:mrg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2037043
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 05 14:28:08 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	6.222	152	93037	4.000 ug/ml	0.00
Standard Area 1 = 102644			Recovery =	90.64%	
35) IS1_Naphthalene-d8	7.660	136	341013	4.000 ug/ml	0.00
Standard Area 1 = 369160			Recovery =	92.38%	
63) IS1_Acenaphthene-d10	9.421	164	231694	4.000 ug/ml	0.00
Standard Area 1 = 247025			Recovery =	93.79%	
88) IS1_Phenanthrene-d10	10.859	188	487109	4.000 ug/ml	0.00
Standard Area 1 = 519096			Recovery =	93.84%	
104) IS1_Chrysene-d12	13.473	240	502368	4.000 ug/ml	# 0.00
Standard Area 1 = 519087			Recovery =	96.78%	
113) IS1_Perylene-d12	14.927	264	487509	4.000 ug/ml	0.00
Standard Area 1 = 504221			Recovery =	96.69%	
System Monitoring Compounds					
4) 2-Fluorophenol	4.179	112	128472	5.439 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	271.95%#	
7) Phenol-d6	5.856	99	159094	5.527 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	276.35%#	
19) Nitrobenzene-d5	6.894	82	137114	5.235 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	523.50%#	
46) 2-Fluorobiphenyl	8.795	172	438363	5.237 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	523.70%#	
79) 2,4,6-Tribromophenol	10.196	330	65898	5.650 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	282.50%#	
96) 4-Terphenyl-d14	12.436	244	651879	5.547 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	554.70%#	

Target Compounds					Qvalue
2) n-Nitrosodimethylamine	1.918	74	85024	5.415 ug/ml#	76
3) Pyridine	1.954	79	103910	3.612 ug/ml#	71
5) Aniline	5.805	93	195550	5.356 ug/ml	98
6) 2-Chlorophenol	5.950	128	143563	5.425 ug/ml	93
8) Phenol	5.873	94	171678	5.310 ug/ml	97
9) Bis(2-chloroethyl)ether	5.941	93	138887	5.389 ug/ml#	80
10) 1,3-Dichlorobenzene	6.145	146	182565	5.215 ug/ml	95
11) 1,4-Dichlorobenzene	6.239	146	185698	5.145 ug/ml	96
12) 1,2-Dichlorobenzene	6.426	146	178036	5.212 ug/ml	95
13) Benzyl alcohol	6.442	79	105022	5.311 ug/ml	96
14) Bis(2-chloroisopropyl)...	6.623	45	222681	5.285 ug/ml#	58

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNICV.D
Acq On   : 5 Mar 2025   3:47 am
Operator : SV107:mrg
Sample   : CQICV1,32,,ABNICV Lot# 11452
Misc   : WG2037043
ALS Vial : 15   Sample Multiplier: 1

Quant Time: Mar 05 14:28:08 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List   : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.623	108	127638	5.375	ug/ml	98
16) Hexachloroethane	6.819	117	64459	5.345	ug/ml#	47
17) n-Nitrosodi-n-propylamine	6.774	70	101452	5.422	ug/ml#	91
18) 3-Methylphenol/4-Methy...	6.811	108	138249	5.516	ug/ml	97
20) Nitrobenzene	6.916	77	144043	5.433	ug/ml	100
21) Isophorone	7.202	82	274090	5.380	ug/ml	98
22) 2-Nitrophenol	7.277	139	59925	4.774	ug/ml	88
23) 2,4-Dimethylphenol	7.382	107	147457	5.460	ug/ml	98
24) Bis(2-chloroethoxy)met...	7.480	93	212656	5.756	ug/ml	95
25) 2,4-Dichlorophenol	7.545	162	150049	5.468	ug/ml#	92
26) 1,2,4-Trichlorobenzene	7.624	180	183506	5.201	ug/ml	96
36) Naphthalene	7.682	128	459349	5.241	ug/ml	100
37) Benzoic Acid	7.480	105	44800	3.973	ug/ml	94
38) 4-Chloroaniline	7.775	65	59133	5.342	ug/ml	88
39) Hexachlorobutadiene	7.854	225	106066	5.040	ug/ml	98
40) p-Chloro-m-cresol	8.309	107	128267	5.507	ug/ml	93
41) 2-Methylnaphthalene	8.408	142	302514	5.404	ug/ml	96
42) 1-Methylnaphthalene	8.498	115	105323	5.244	ug/ml	91
43) Hexachlorocyclopentadiene	8.579	237	118527	5.010	ug/ml	99
44) 2,4,6-Trichlorophenol	8.705	196	118096	5.239	ug/ml	99
45) 2,4,5-Trichlorophenol	8.732	196	129554	5.517	ug/ml	100
47) 2-Chloronaphthalene	8.885	162	354215	5.229	ug/ml	93
48) 2-Nitroaniline	9.002	138	82849	5.004	ug/ml	85
49) 1,4-Dinitrobenzene	9.137	168	53600	4.334	ug/ml#	60
50) 1,3-Dinitrobenzene	9.216	168	55351	5.089	ug/ml#	1
51) Dimethyl phthalate	9.206	163	452285	5.510	ug/ml#	99
52) Acenaphthylene	9.284	152	572331	5.544	ug/ml	99
53) 2,6-Dinitrotoluene	9.255	165	84273	5.477	ug/ml#	77
54) 1,2-Dinitrobenzene	9.294	168	38652	5.914	ug/ml#	1
64) 3-Nitroaniline	9.402	138	89541	5.946	ug/ml#	88
65) Acenaphthene	9.460	154	316905	5.056	ug/ml	89
66) 2,4-Dinitrophenol	9.509	184	34768	4.375	ug/ml#	78
67) Dibenzofuran	9.627	168	563499	5.270	ug/ml	90
68) 2,4-Dinitrotoluene	9.637	165	119843	5.483	ug/ml#	83
69) 4-Nitrophenol	9.598	65	70196	6.053	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	9.725	232	109922	5.754	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	9.764	232	119354	5.798	ug/ml	96
72) Diethyl phthalate	9.900	149	426091	5.522	ug/ml	97
73) Fluorene	9.957	166	446877	5.396	ug/ml	94
74) 4-Chlorophenyl phenyl ...	9.978	204	223528	5.262	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ABNICV.D
Acq On : 5 Mar 2025 3:47 am
Operator : SV107:mrg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2037043
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 05 14:28:08 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ABNL6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
75)	4-Nitroaniline	9.992	138	85975	6.030	ug/ml	85
76)	4,6-Dinitro-o-cresol	10.027	198	54145	4.297	ug/ml#	57
77)	NDPA/DPA	10.098	169	385140	5.539	ug/ml	93
78)	Azobenzene	10.133	77	373441	5.688	ug/ml#	92
80)	4-Bromophenyl phenyl e...	10.446	248	132158	5.193	ug/ml#	84
81)	Hexachlorobenzene	10.498	284	153121	5.155	ug/ml#	83
82)	Pentachlorophenol	10.691	266	79930	4.925	ug/ml	99
89)	Phenanthrene	10.881	178	720269	5.237	ug/ml	99
90)	Anthracene	10.925	178	709870	5.394	ug/ml	98
91)	Carbazole	11.100	167	647707	5.469	ug/ml	98
92)	Di-n-butylphthalate	11.494	149	722098	5.951	ug/ml	99
93)	Fluoranthene	12.027	202	847592	5.630	ug/ml#	91
94)	Benzidine	12.188	184	499202	5.296	ug/ml#	92
95)	Pyrene	12.239	202	915124	5.793	ug/ml	99
97)	Butyl benzyl phthalate	12.955	149	260720	4.408	ug/ml	86
105)	Benzo(a)anthracene	13.466	228	845857	5.393	ug/ml	99
106)	3,3'-Dichlorobenzidine	13.466	252	309920	6.126	ug/ml#	96
107)	Chrysene	13.497	228	784428	5.066	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	13.592	149	446612	4.997	ug/ml#	97
109)	Di-n-octylphthalate	14.266	149	703691	4.810	ug/ml#	73
110)	Benzo(b)fluoranthene	14.560	252	875200	5.755	ug/ml#	94
111)	Benzo(k)fluoranthene	14.584	252	695733	5.282	ug/ml#	93
112)	Benzo(a)pyrene	14.871	252	726694	5.734	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.893	276	709317M6	5.791	ug/mL	
115)	Dibenzo(a,h)anthracene	15.916	278	679154	5.570	ug/ml#	90
116)	Benzo(ghi)perylene	16.131	276	665988	5.406	ug/ml#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ABNICV.D
Acq On    :  5 Mar 2025   3:47 am
Operator  : SV107:mrg
Sample    : CQICV1,32,,ABNICV Lot# 11452
Misc      : WG2037043
ALS Vial  : 15   Sample Multiplier: 1

Quant Time: Mar 05 14:28:08 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:26:05 2025
Response via : Initial Calibration

Sub List     : ABNical - ABN ical sublistal\ABNL6.D•
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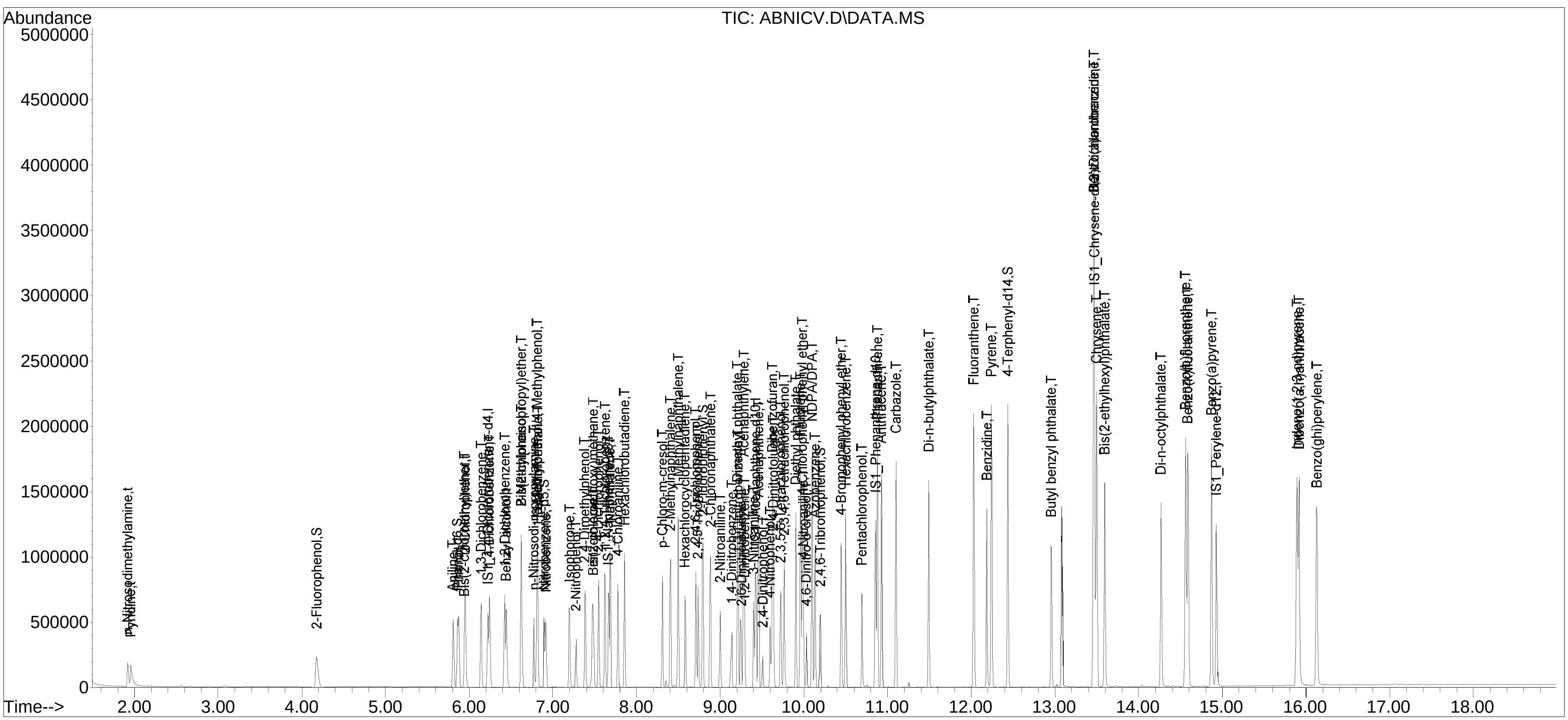
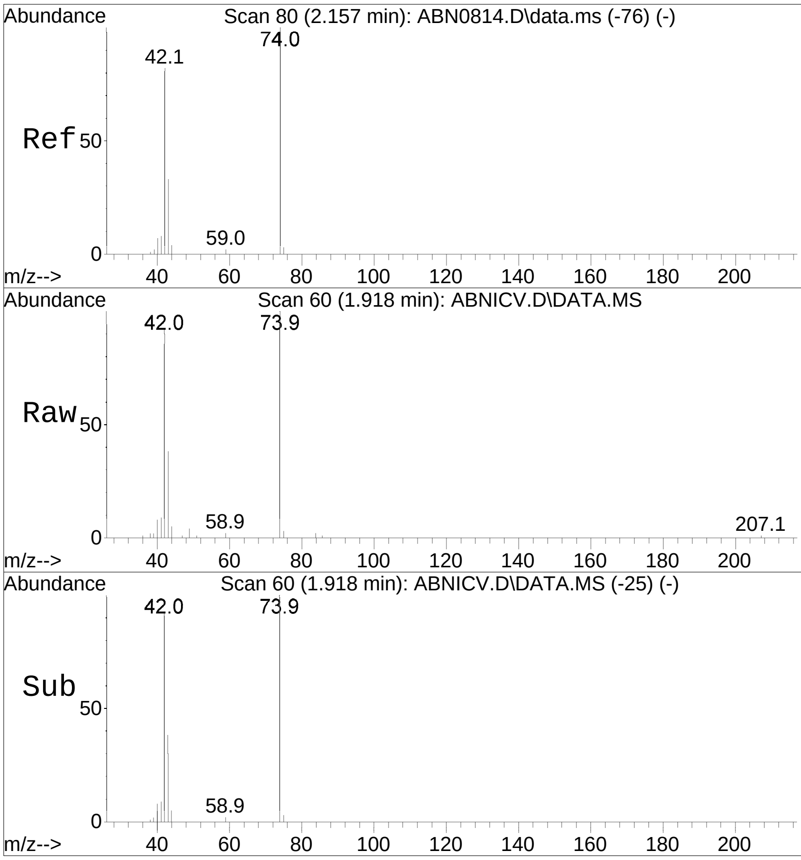
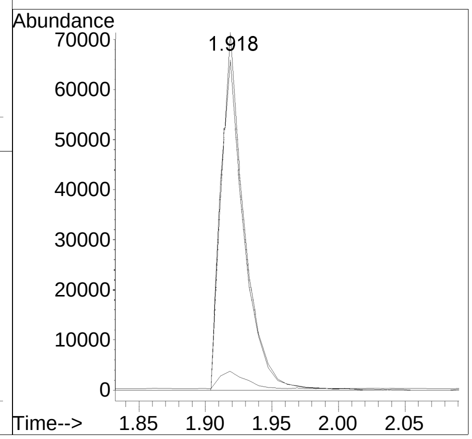


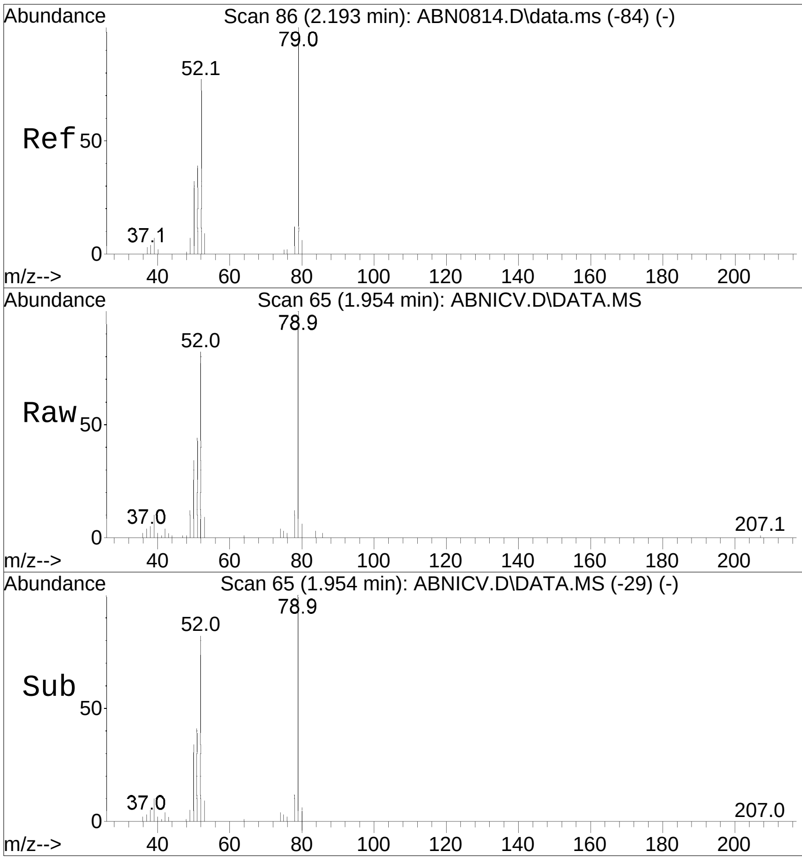


#2
n-Nitrosodimethylamine
Concen: 5.41 ug/ml
RT: 1.918 min Scan# 60
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 74 Resp: 85024

Ion	Ratio	Lower	Upper
74	100		
42	95.8	100.0	150.0#
44	5.7	6.7	10.1#

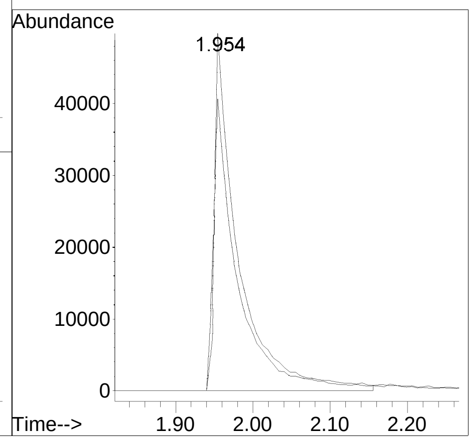


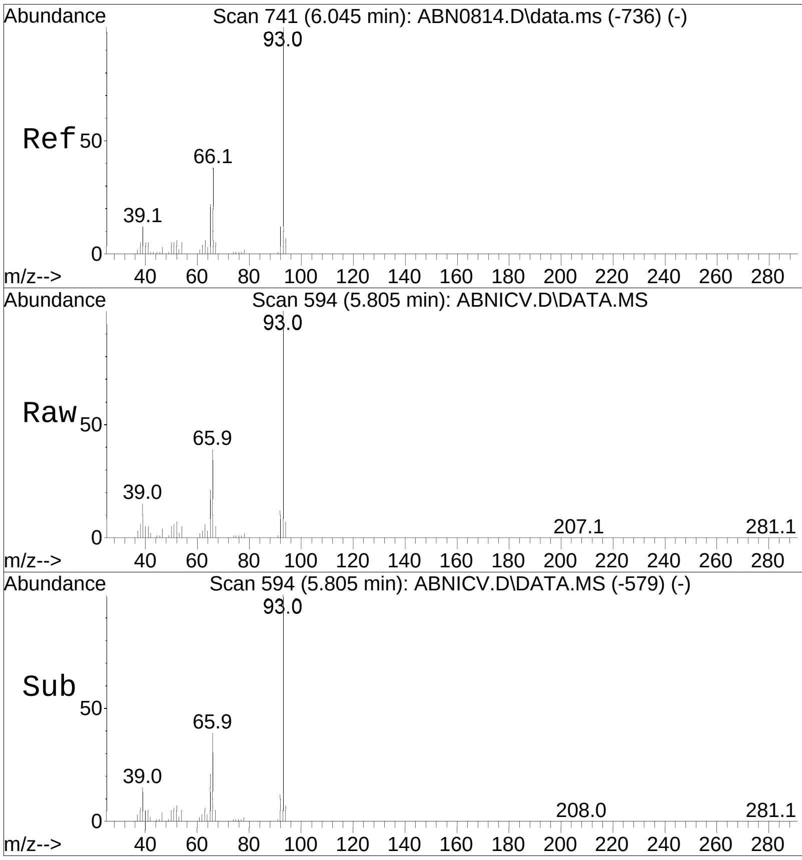


#3
Pyridine
Concen: 3.61 ug/ml
RT: 1.954 min Scan# 65
Delta R.T. 0.007 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 79 Resp: 103910

Ion	Ratio	Lower	Upper
79	100		
52	85.1	93.1	139.7#

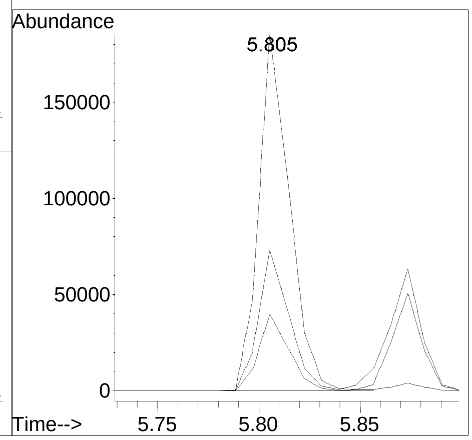


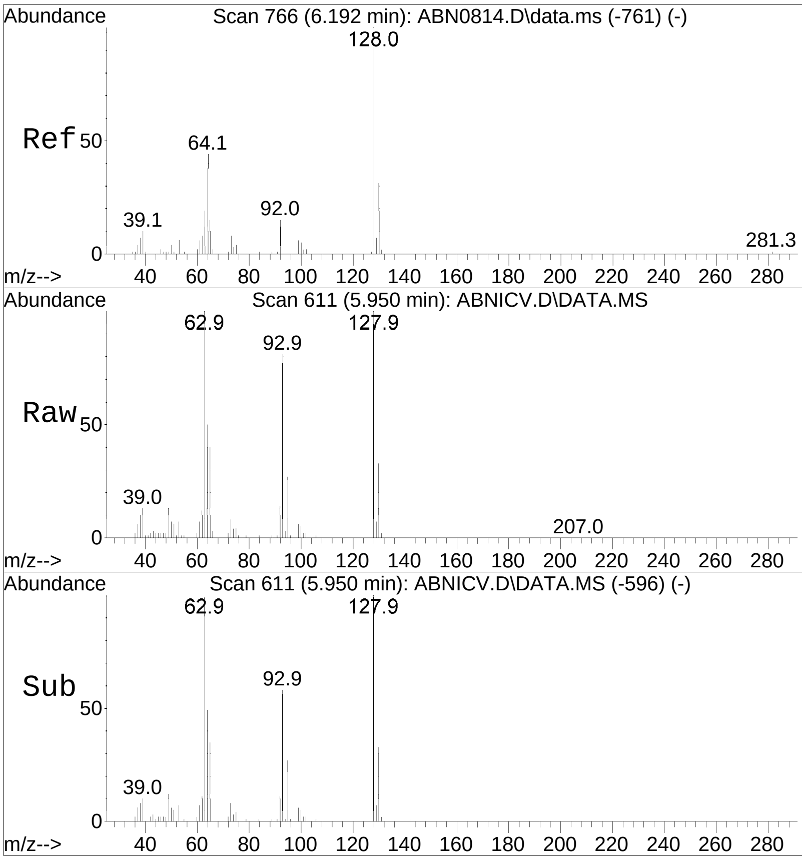


#5
Aniline
Concen: 5.36 ug/ml
RT: 5.805 min Scan# 594
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 93 Resp: 195550

Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.6	49.0
65	21.4	17.6	26.4

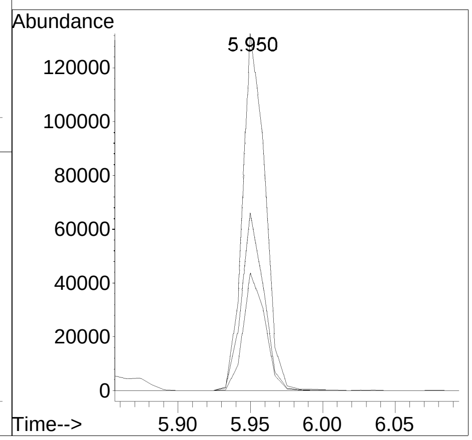


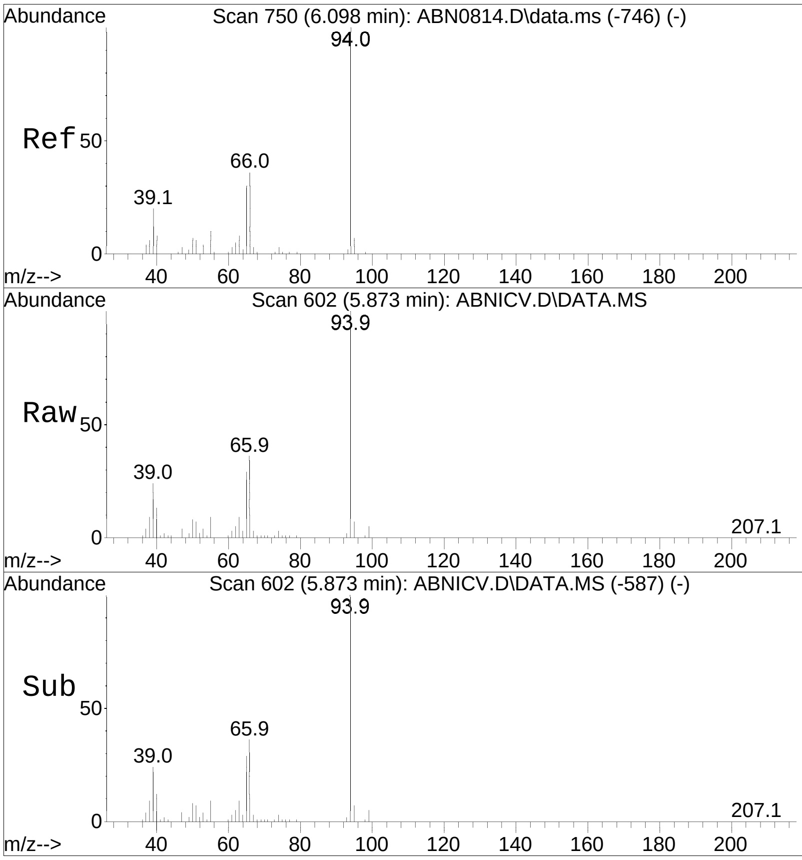


#6
2-Chlorophenol
Concen: 5.42 ug/ml
RT: 5.950 min Scan# 611
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:128 Resp: 143563

Ion	Ratio	Lower	Upper
128	100		
64	49.2	45.1	67.7
130	32.2	26.2	39.4

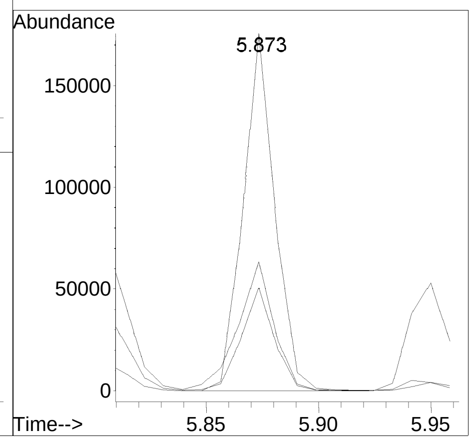


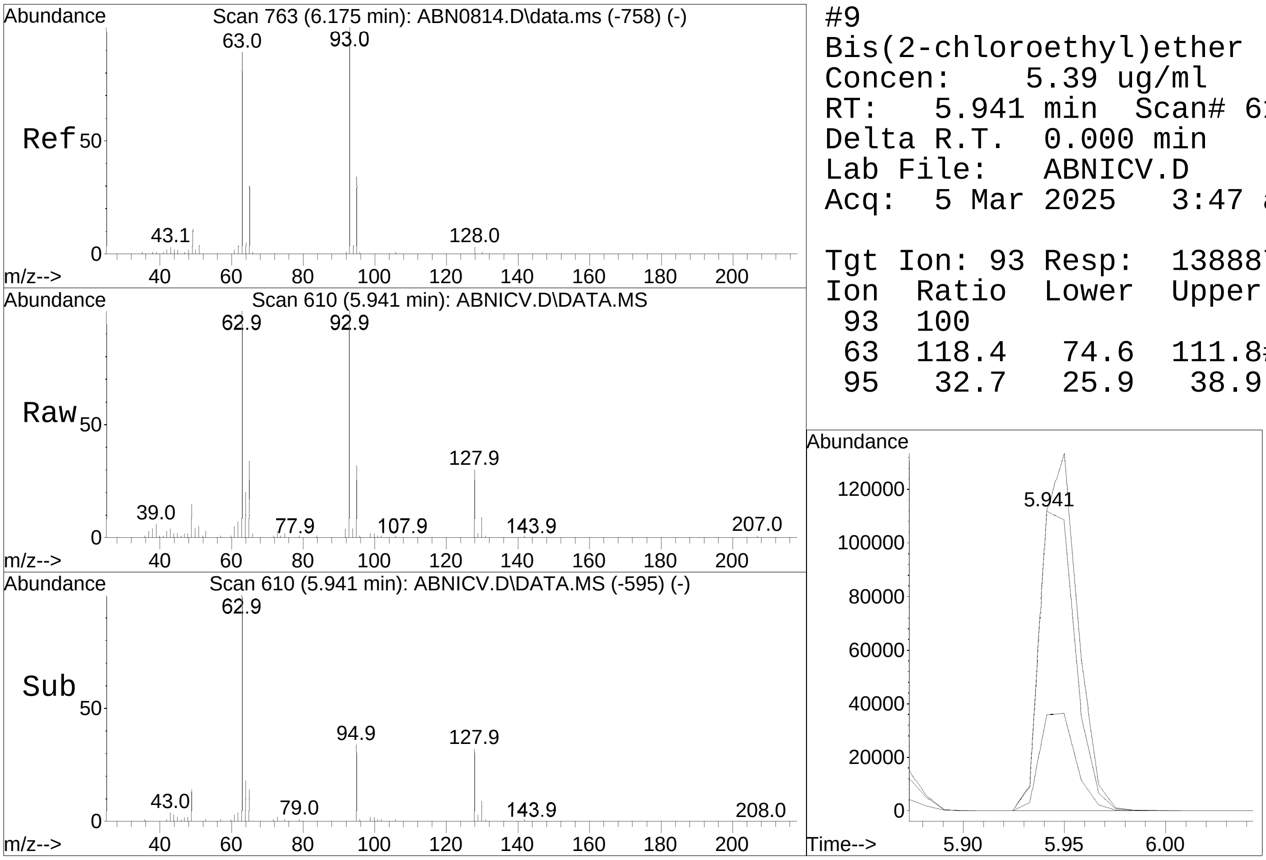


#8
Phenol
Concen: 5.31 ug/ml
RT: 5.873 min Scan# 602
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 94 Resp: 171678

Ion	Ratio	Lower	Upper
94	100		
65	30.0	26.0	39.0
66	41.1	33.8	50.8

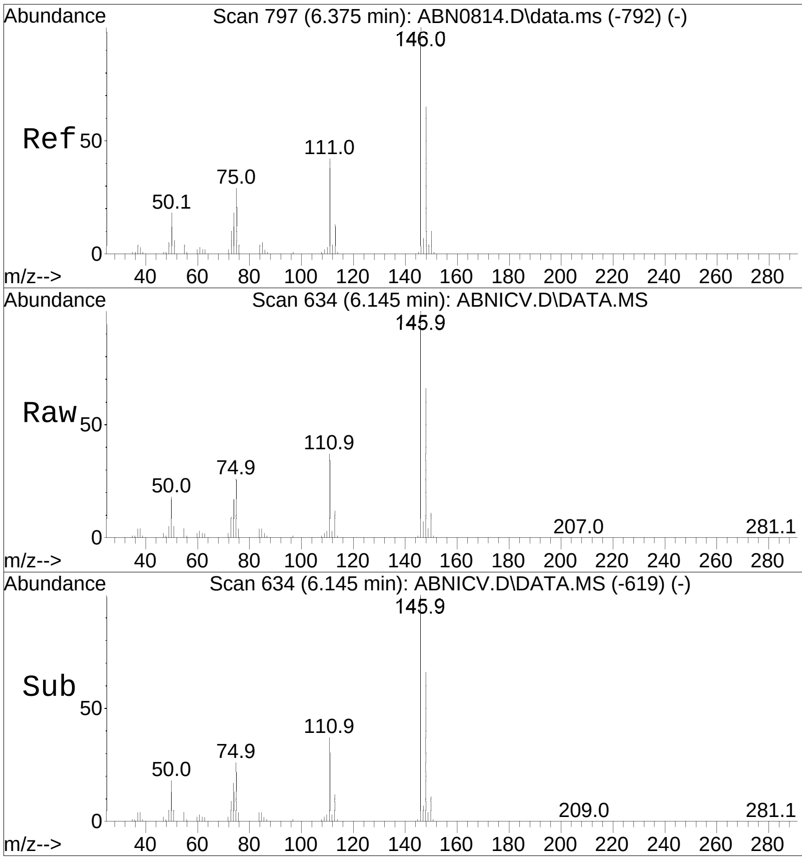




#9
Bis(2-chloroethyl)ether
Concen: 5.39 ug/ml
RT: 5.941 min Scan# 610
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 93 Resp: 138887

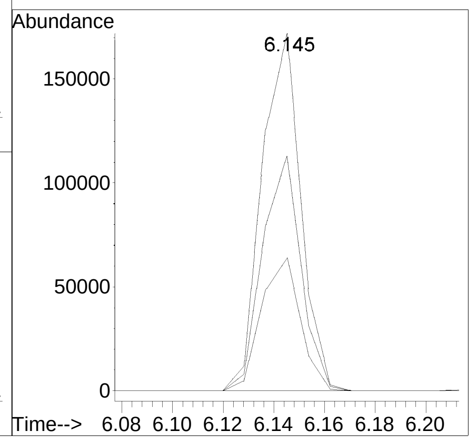
Ion	Ratio	Lower	Upper
93	100		
63	118.4	74.6	111.8#
95	32.7	25.9	38.9

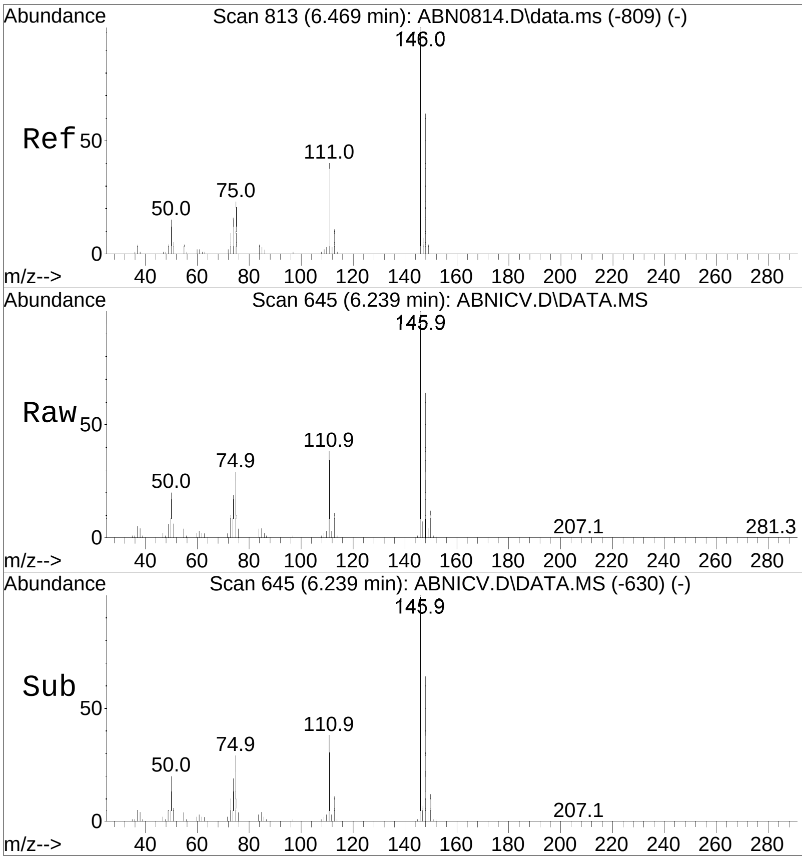


#10
1,3-Dichlorobenzene
Concen: 5.22 ug/ml
RT: 6.145 min Scan# 634
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:146 Resp: 182565

Ion	Ratio	Lower	Upper
146	100		
111	37.7	34.3	51.5
148	65.3	50.8	76.2

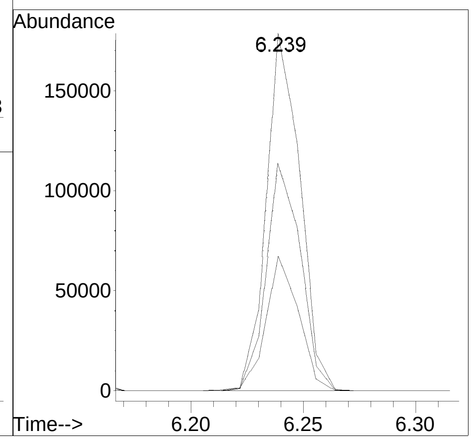


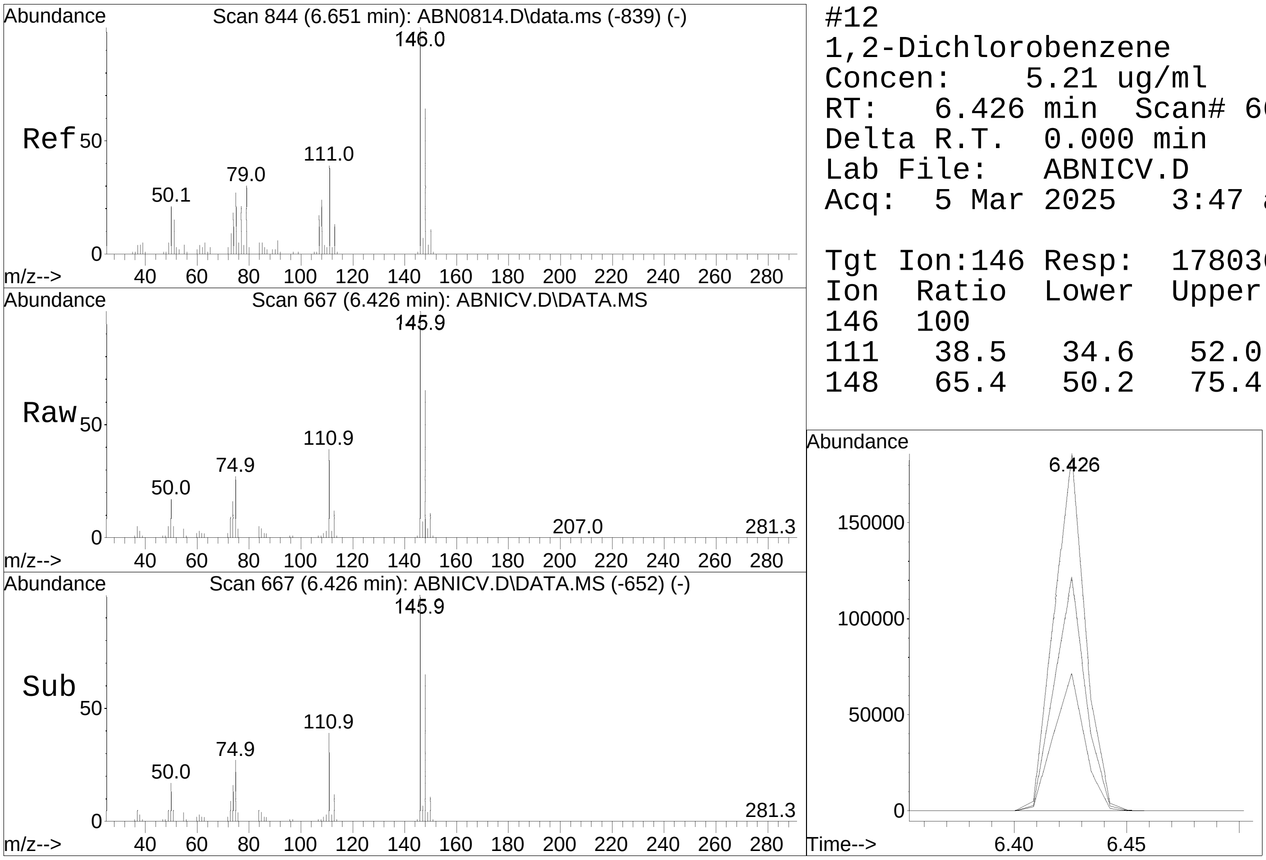


#11
1,4-Dichlorobenzene
Concen: 5.15 ug/ml
RT: 6.239 min Scan# 645
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:146 Resp: 185698

Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.7	76.1
111	36.9	33.4	50.0

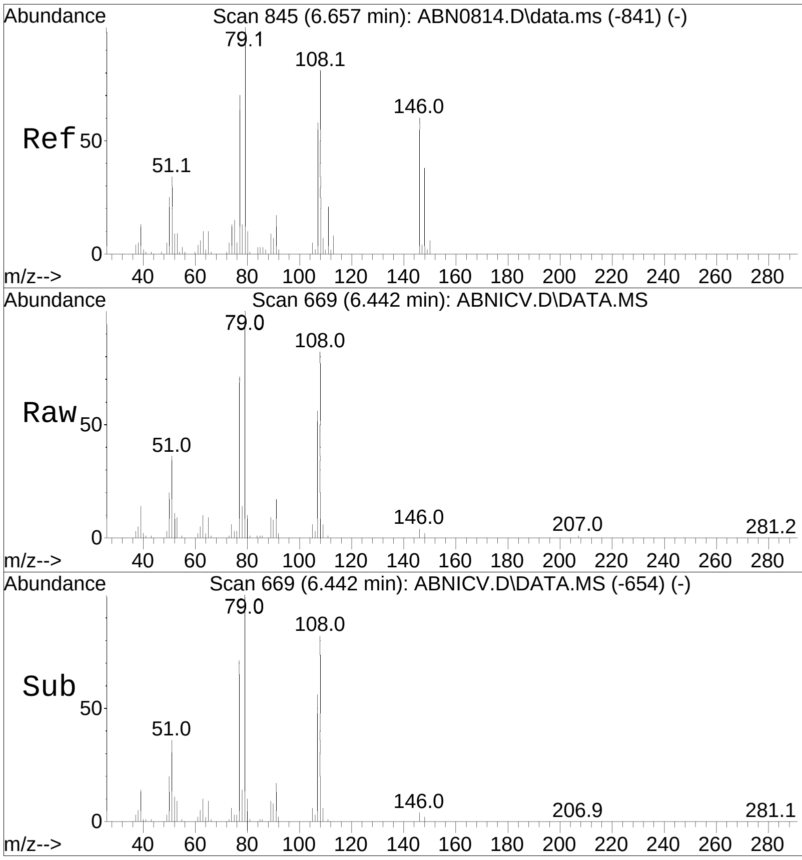




#12
1,2-Dichlorobenzene
Concen: 5.21 ug/ml
RT: 6.426 min Scan# 667
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:146 Resp: 178036

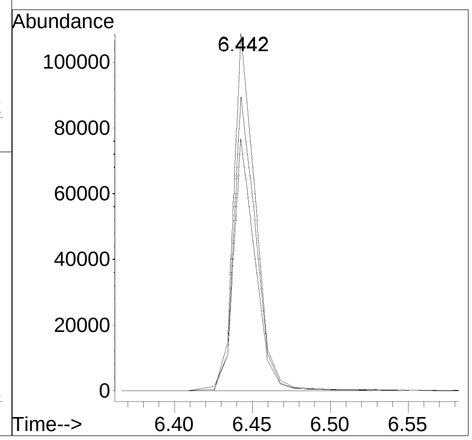
Ion	Ratio	Lower	Upper
146	100		
111	38.5	34.6	52.0
148	65.4	50.2	75.4

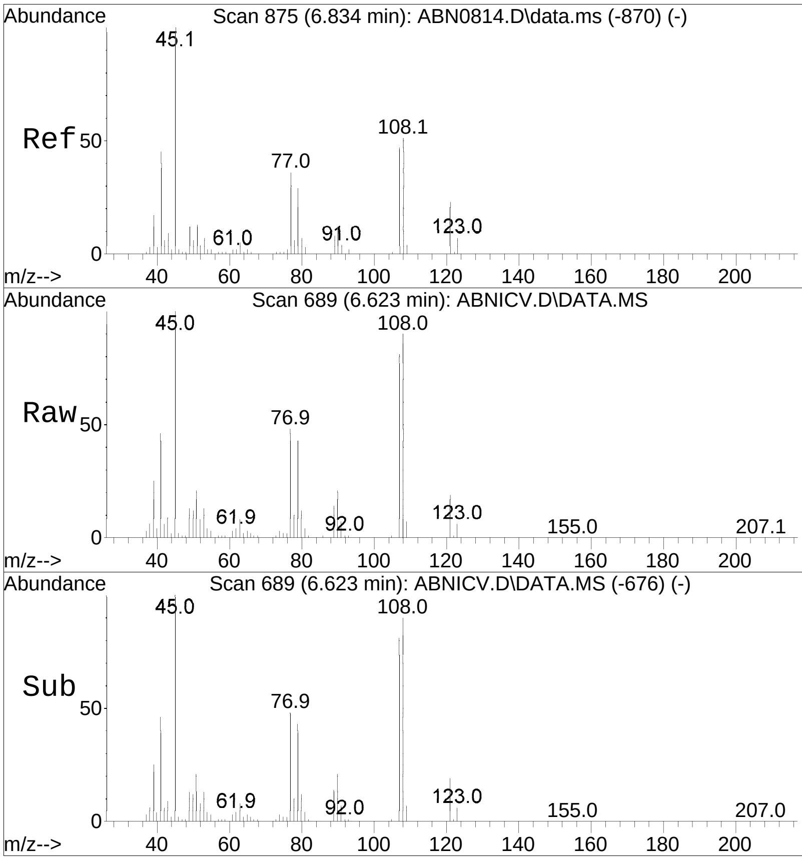


#13
Benzyl alcohol
Concen: 5.31 ug/ml
RT: 6.442 min Scan# 669
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 79 Resp: 105022

Ion	Ratio	Lower	Upper
79	100		
77	70.6	54.9	82.3
108	84.0	63.1	94.7

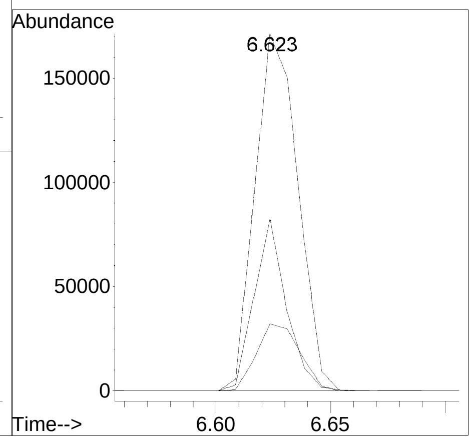


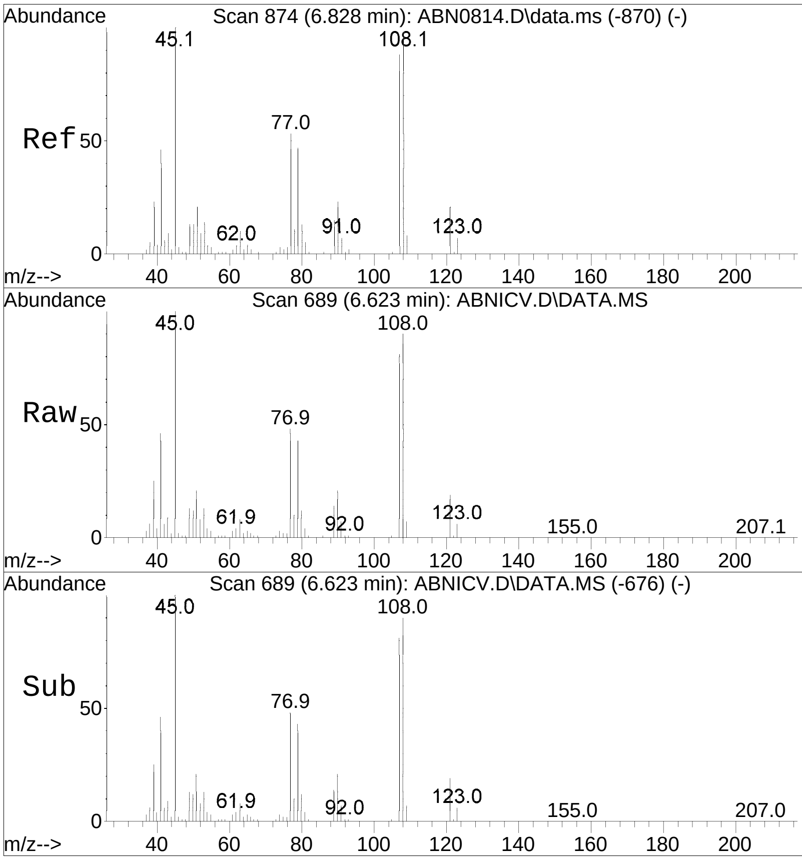


#14
Bis(2-chloroisopropyl)ether
Concen: 5.29 ug/ml
RT: 6.623 min Scan# 689
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 45 Resp: 222681

Ion	Ratio	Lower	Upper
45	100		
121	18.9	9.8	14.6#
77	36.2	6.1	9.1#

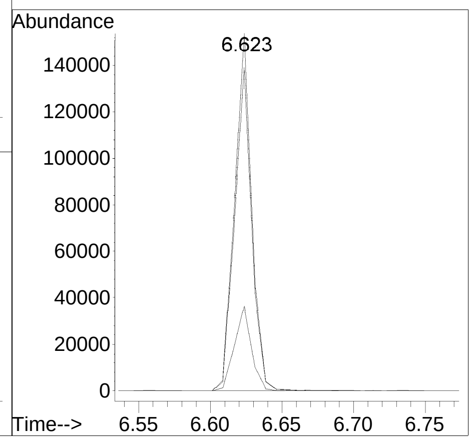


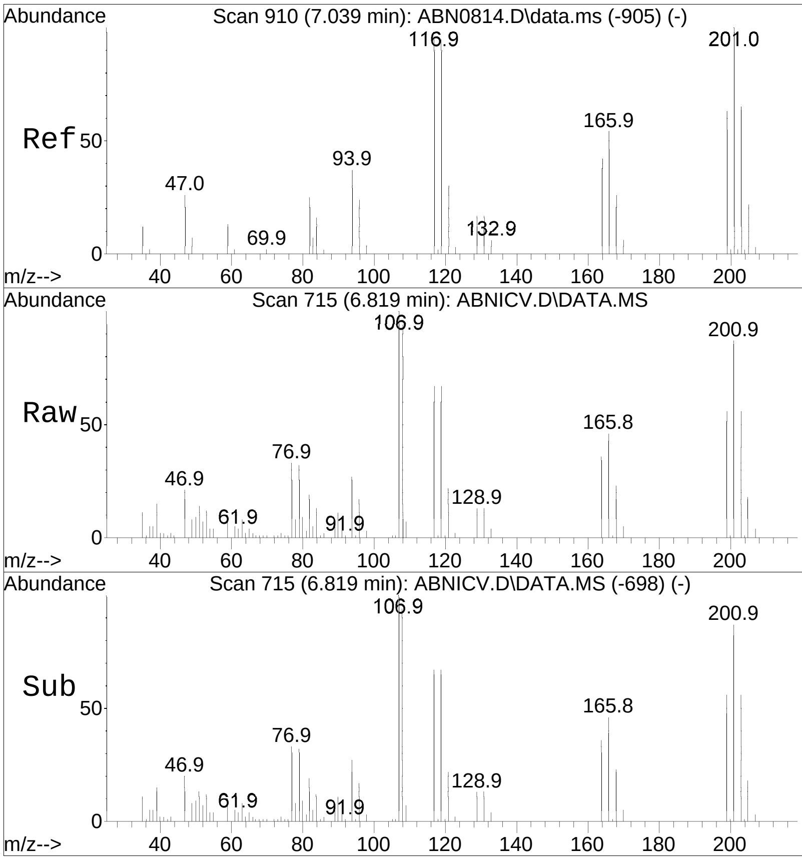


#15
2-Methylphenol
Concen: 5.37 ug/ml
RT: 6.623 min Scan# 689
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:108 Resp: 127638

Ion	Ratio	Lower	Upper
108	100		
107	90.7	70.7	106.1
90	23.5	18.7	28.1

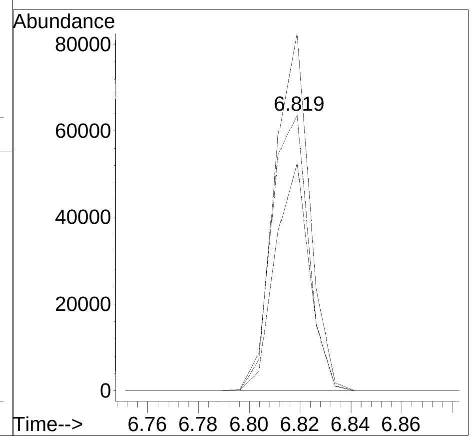


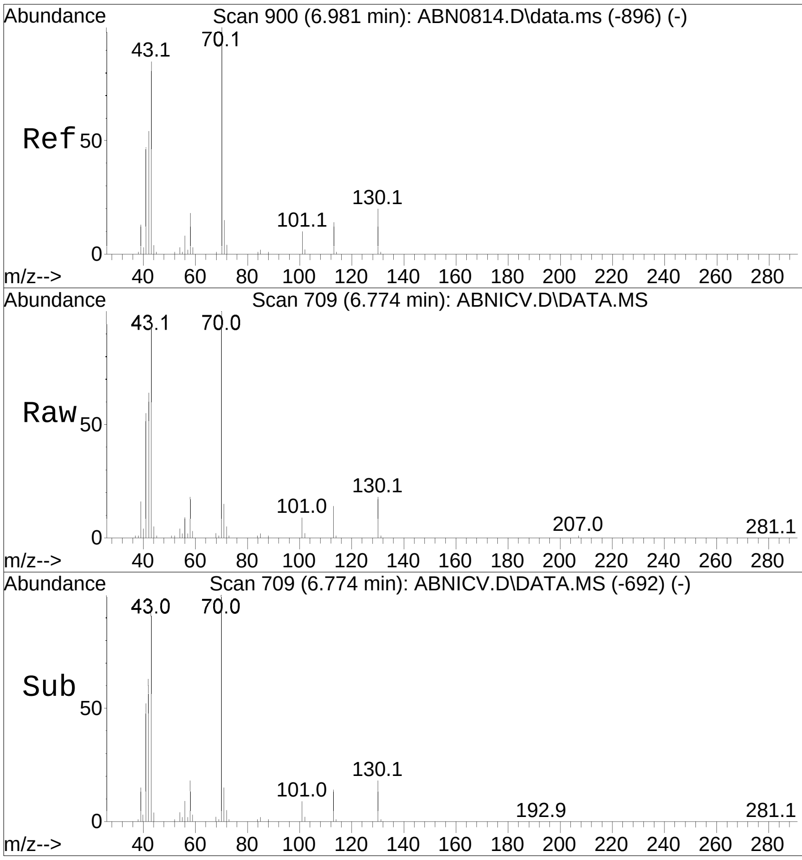


#16
Hexachloroethane
Concen: 5.34 ug/ml
RT: 6.819 min Scan# 715
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:117 Resp: 64459

Ion	Ratio	Lower	Upper
117	100		
201	121.0	58.6	87.8#
199	77.0	36.9	55.3#

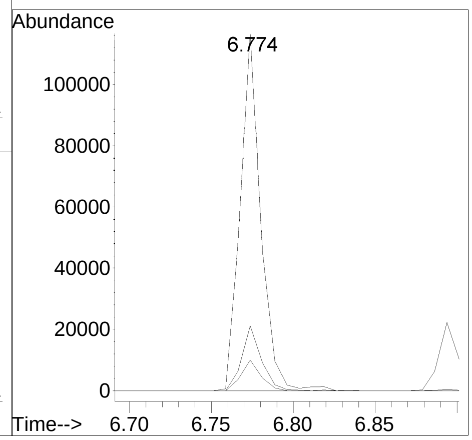


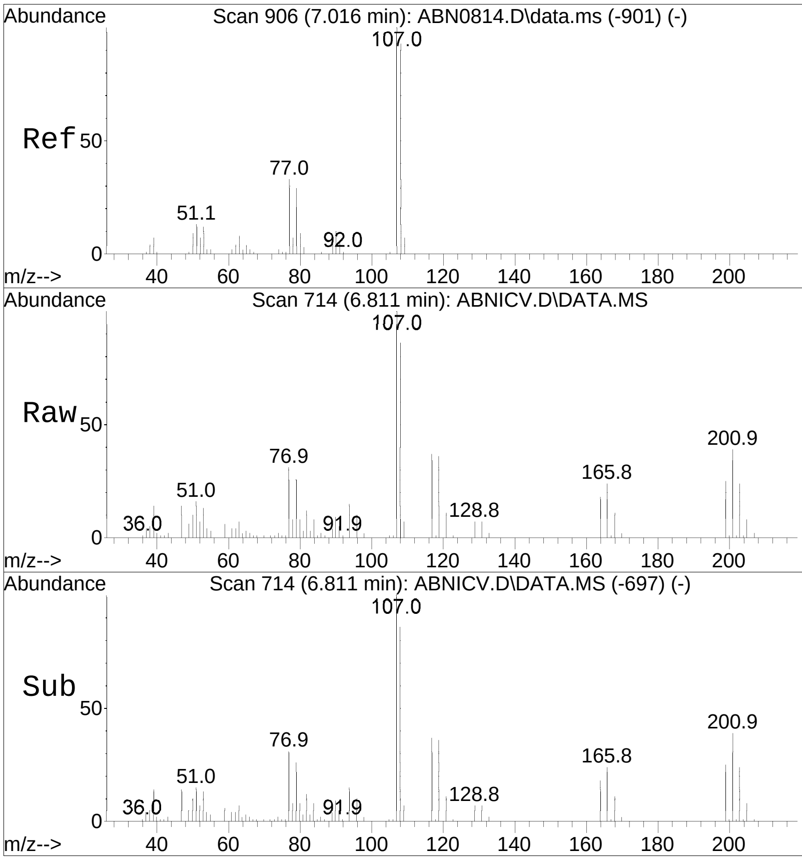


#17
n-Nitrosodi-n-propylamine
Concen: 5.42 ug/ml
RT: 6.774 min Scan# 709
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 70 Resp: 101452

Ion	Ratio	Lower	Upper
70	100		
130	17.4	18.2	27.4#
101	8.3	7.8	11.8

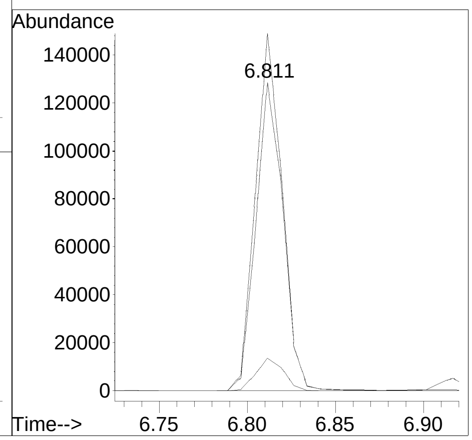


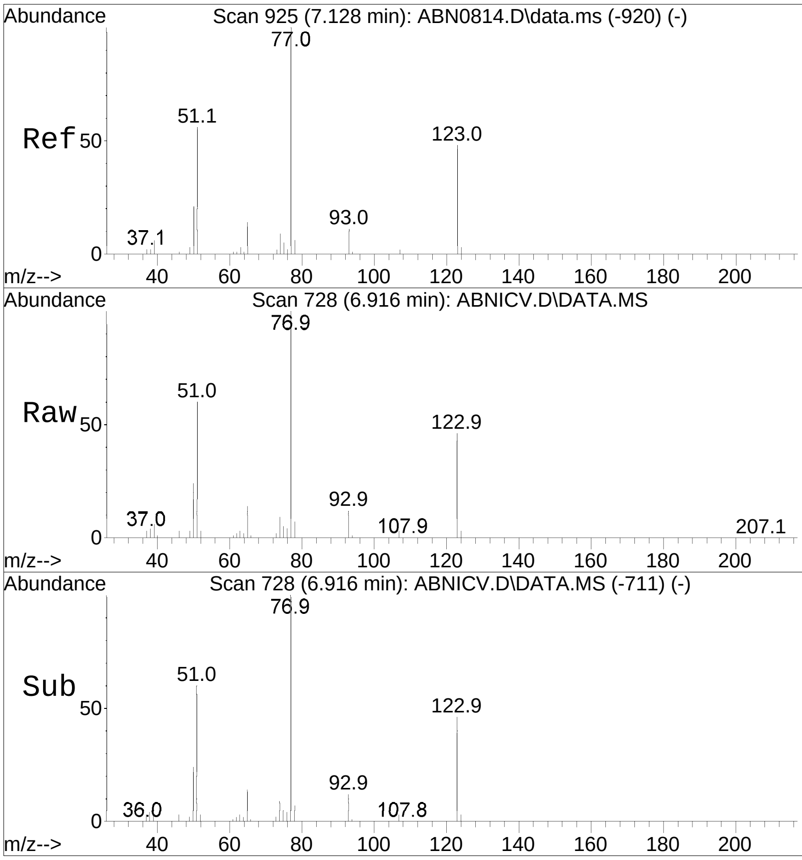


#18
3-Methylphenol/4-Methylphenol
Concen: 5.52 ug/ml
RT: 6.811 min Scan# 714
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:108 Resp: 138249

Ion	Ratio	Lower	Upper
108	100		
107	113.6	88.6	132.8
90	10.7	8.8	13.2

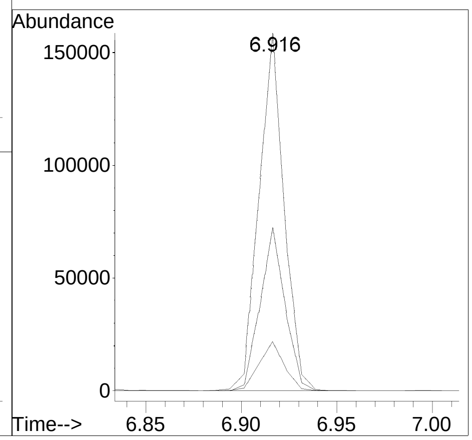


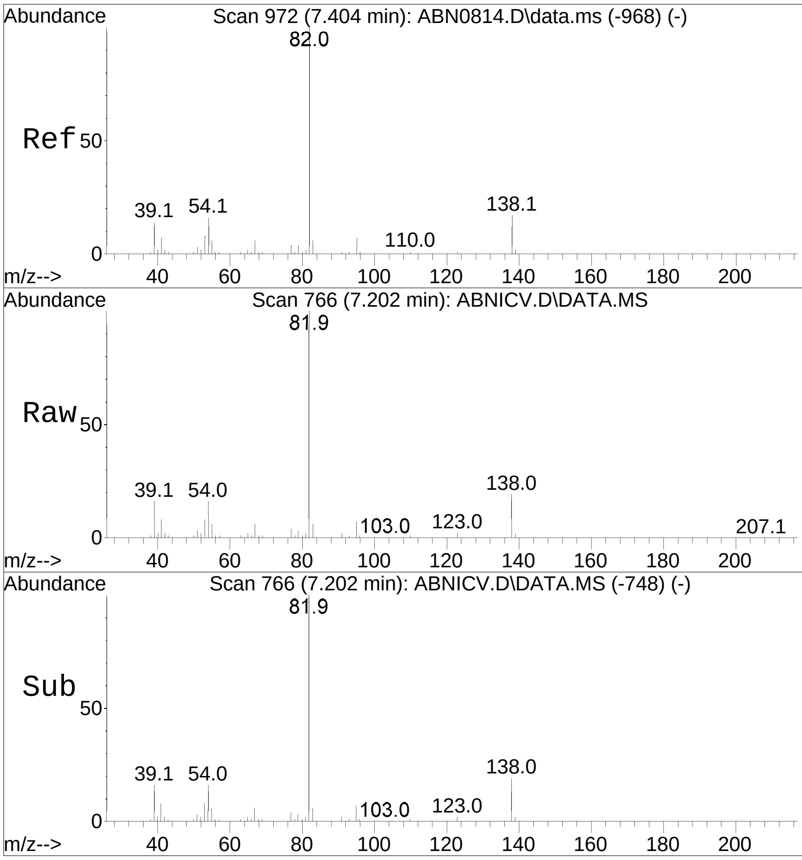


#20
Nitrobenzene
Concen: 5.43 ug/ml
RT: 6.916 min Scan# 728
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 77 Resp: 144043

Ion	Ratio	Lower	Upper
77	100		
123	45.4	36.3	54.5
65	14.0	11.6	17.4

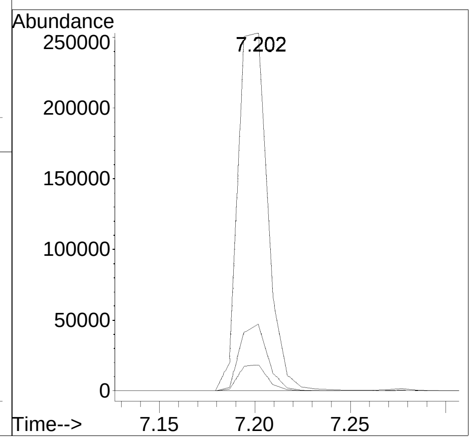


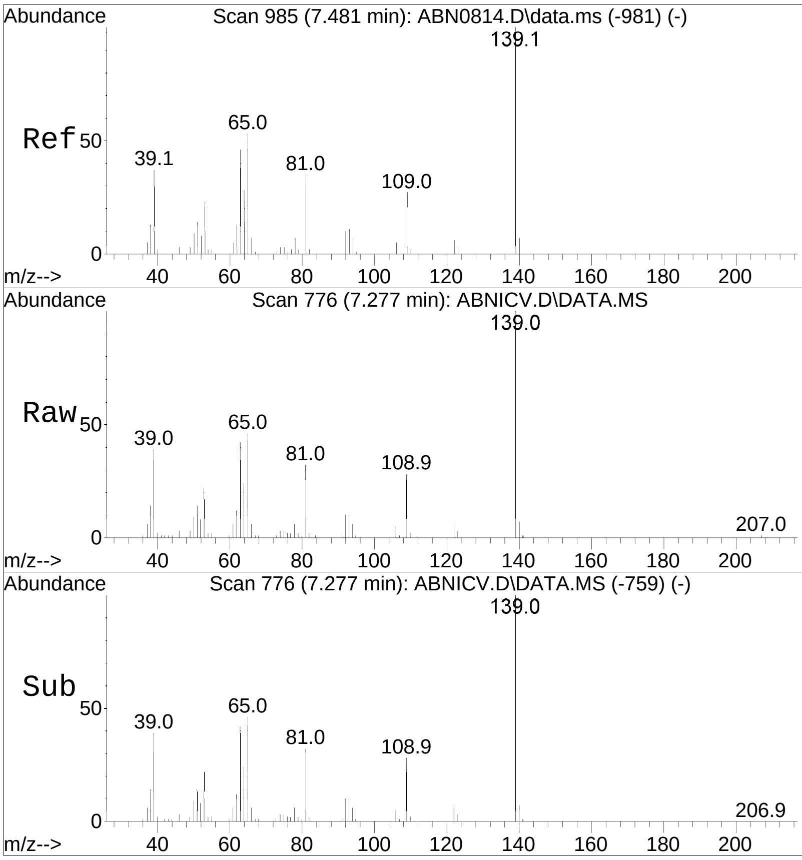


#21
Isophorone
Concen: 5.38 ug/ml
RT: 7.202 min Scan# 766
Delta R.T. 0.008 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 82 Resp: 274090

Ion	Ratio	Lower	Upper
82	100		
138	17.6	14.7	22.1
95	7.0	5.2	7.8

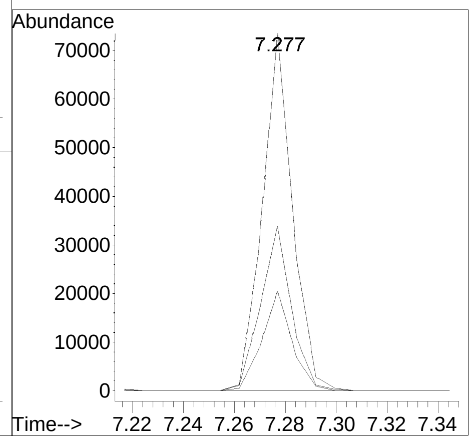


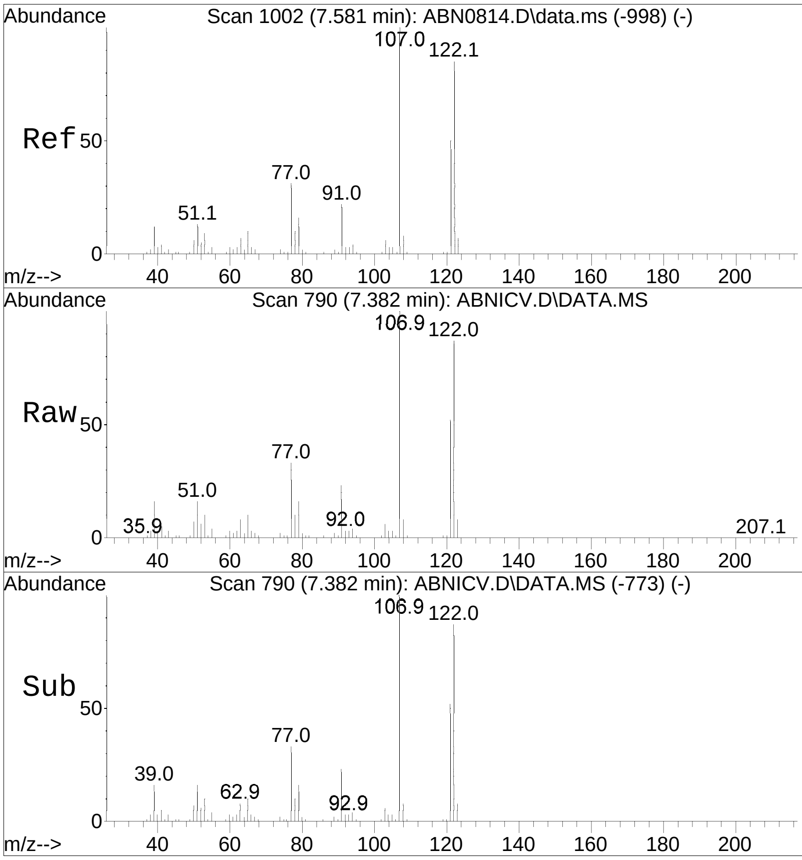


#22
2-Nitrophenol
Concen: 4.77 ug/ml
RT: 7.277 min Scan# 776
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:139 Resp: 59925

Ion	Ratio	Lower	Upper
139	100		
109	27.8	19.4	29.0
65	47.3	46.1	69.1

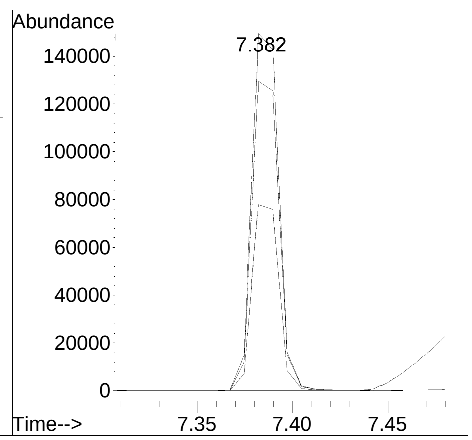


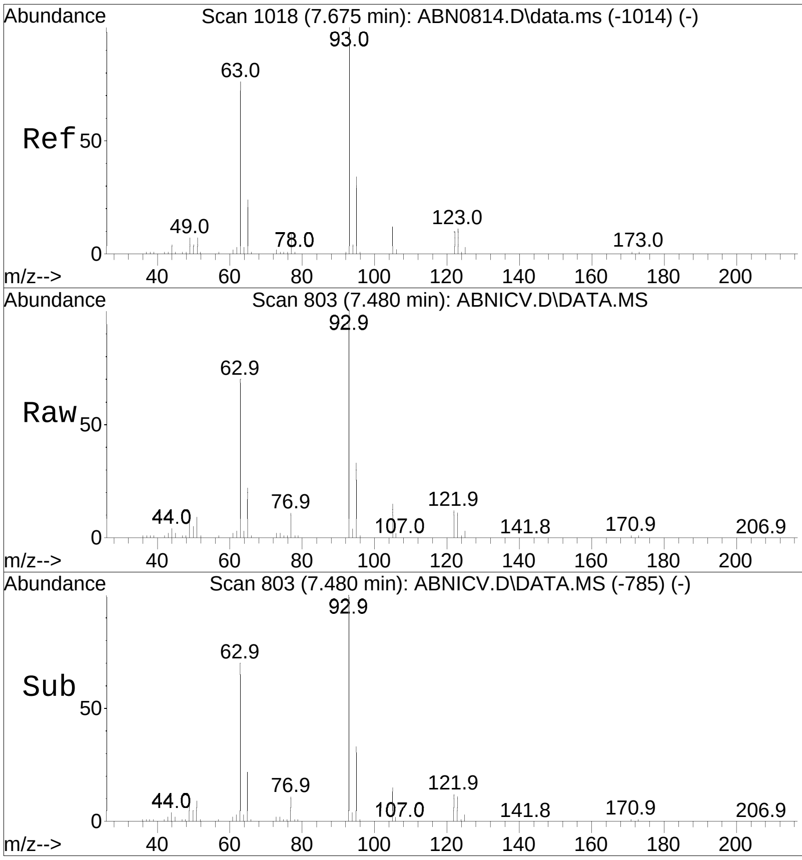


#23
2,4-Dimethylphenol
Concen: 5.46 ug/ml
RT: 7.382 min Scan# 790
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:107 Resp: 147457

Ion	Ratio	Lower	Upper
107	100		
121	52.3	40.0	60.0
122	87.2	70.2	105.4

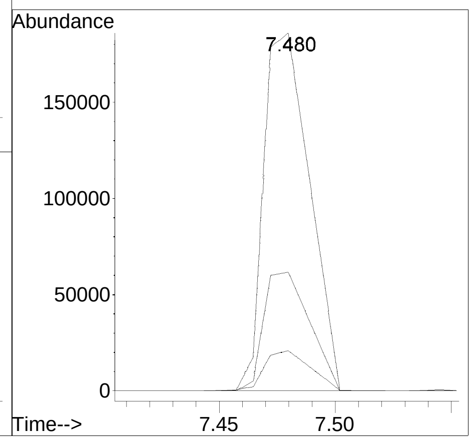


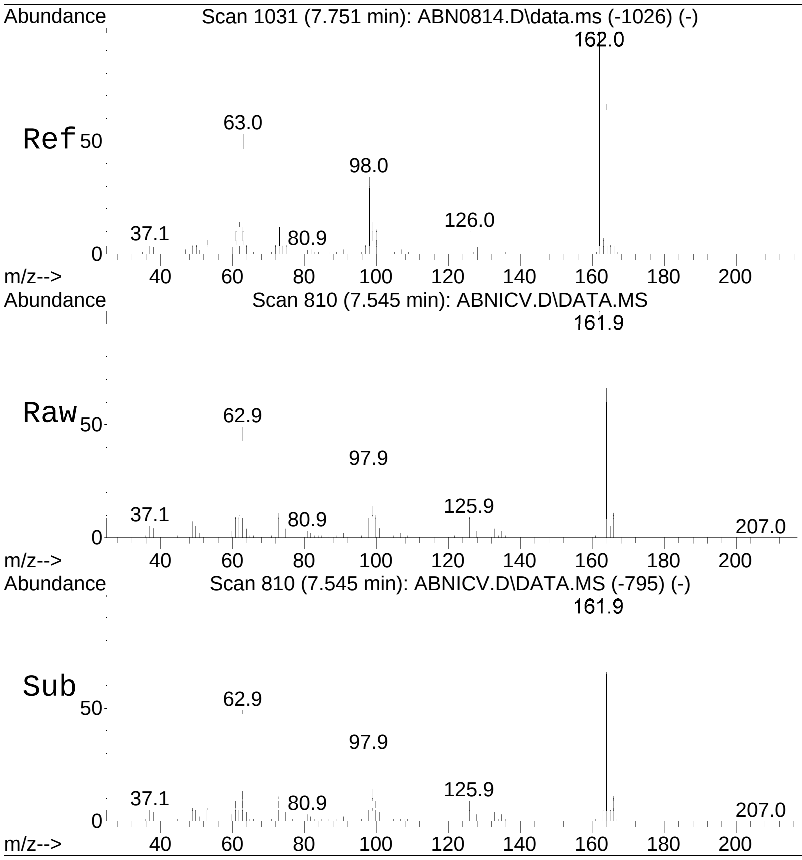


#24
Bis(2-chloroethoxy)methane
Concen: 5.76 ug/ml
RT: 7.480 min Scan# 803
Delta R.T. 0.008 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 93 Resp: 212656

Ion	Ratio	Lower	Upper
93	100		
95	35.5	25.8	38.8
123	10.6	10.1	15.1

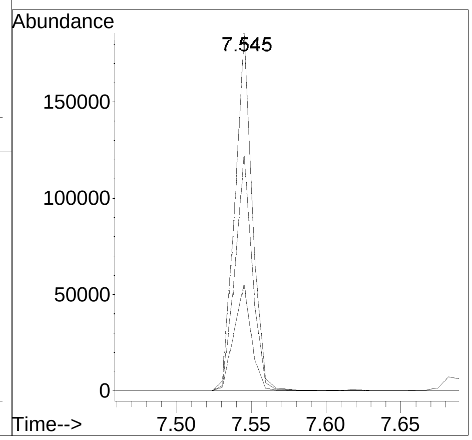


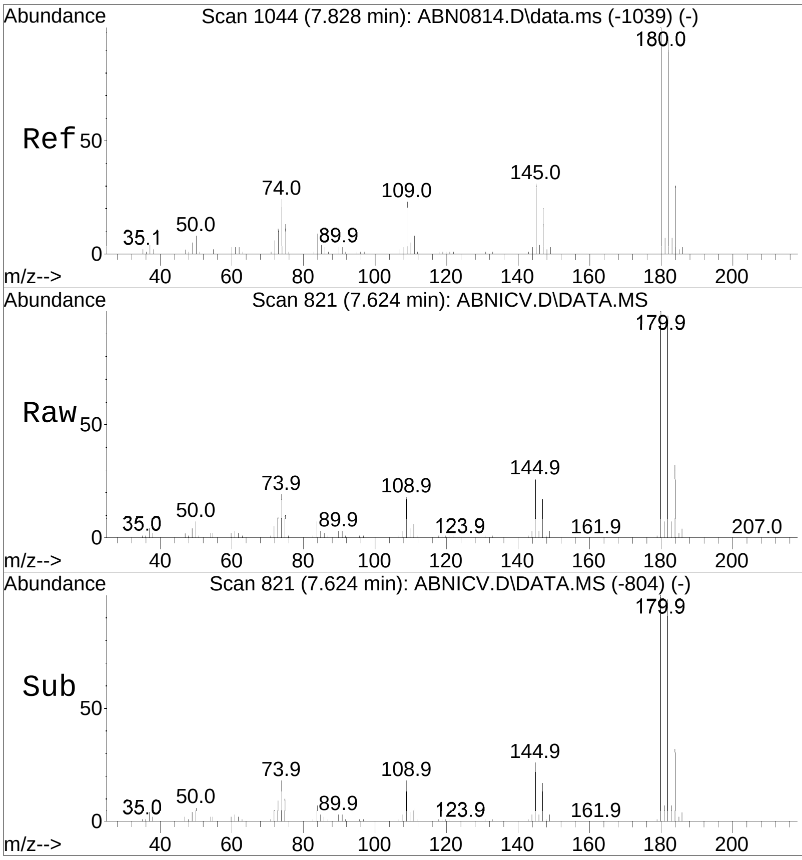


#25
2,4-Dichlorophenol
Concen: 5.47 ug/ml
RT: 7.545 min Scan# 810
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:162 Resp: 150049

Ion	Ratio	Lower	Upper
162	100		
164	65.7	51.0	76.4
98	30.1	32.2	48.2#

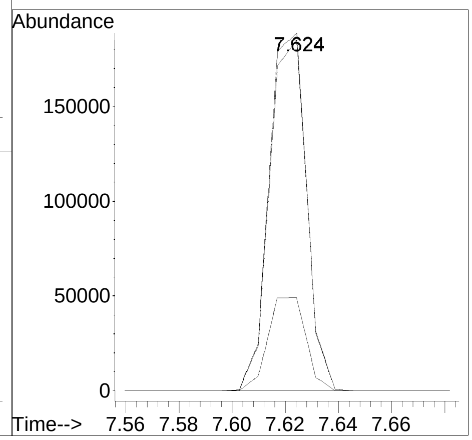


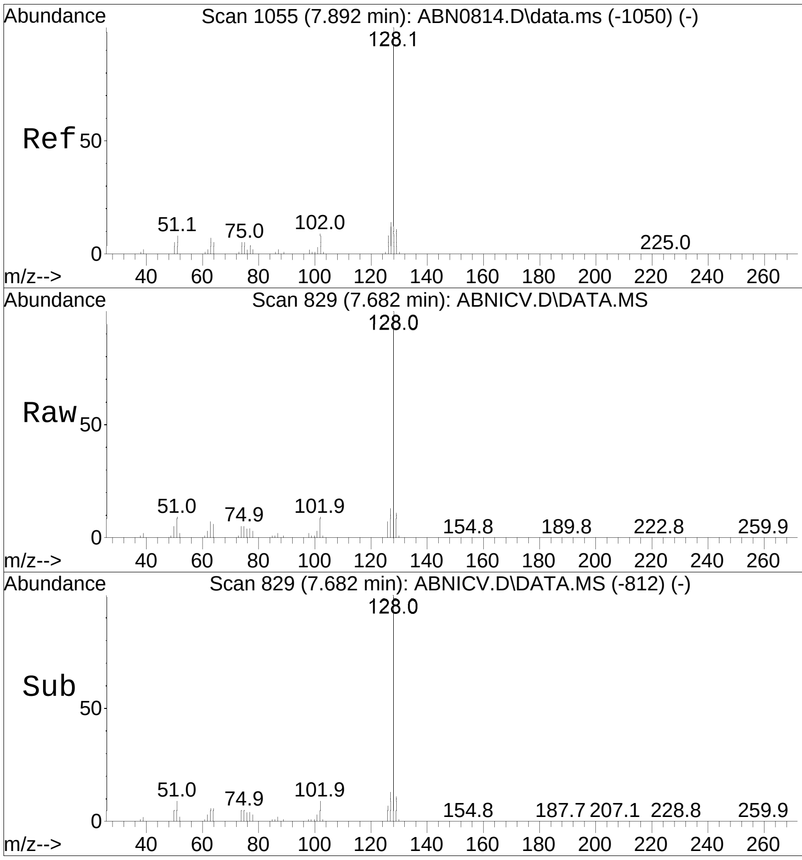


#26
1,2,4-Trichlorobenzene
Concen: 5.20 ug/ml
RT: 7.624 min Scan# 821
Delta R.T. 0.007 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:180 Resp: 183506

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	26.6	25.7	38.5

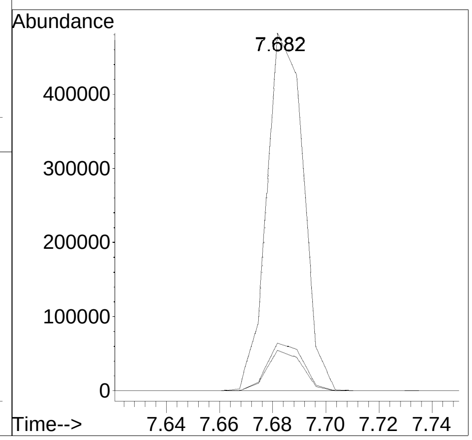


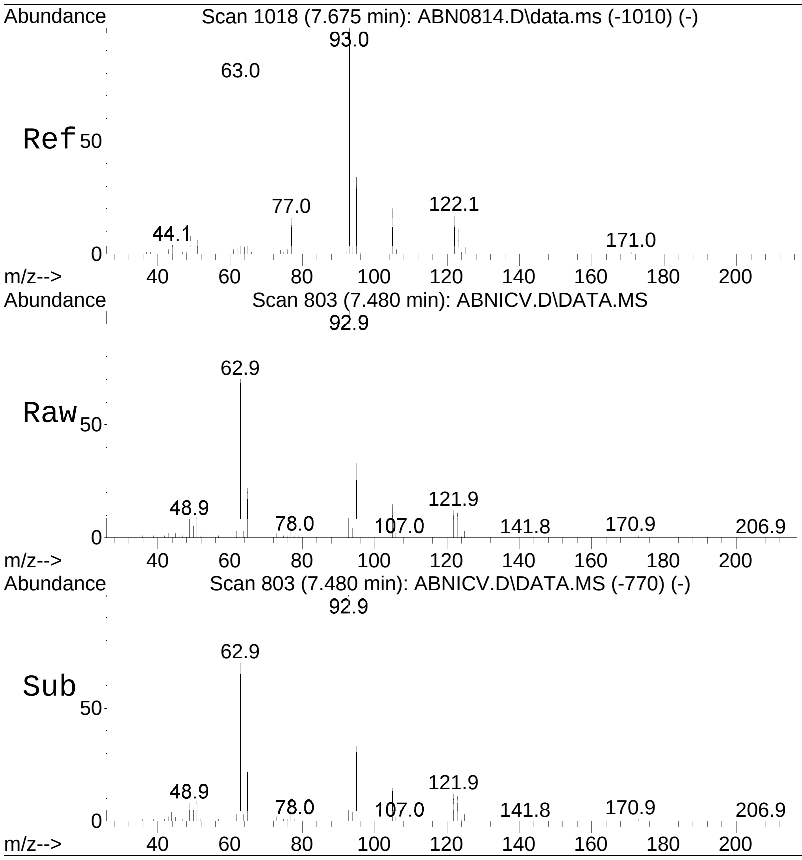


#36
Naphthalene
Concen: 5.24 ug/ml
RT: 7.682 min Scan# 829
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:128 Resp: 459349

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.3	15.5

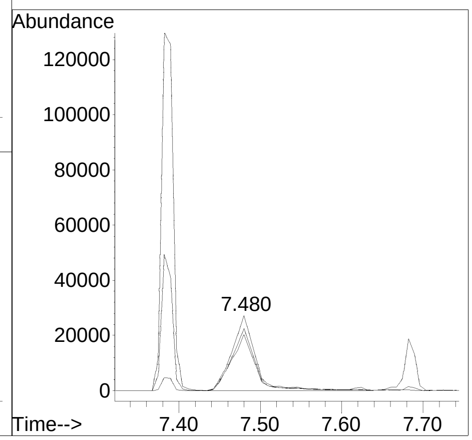


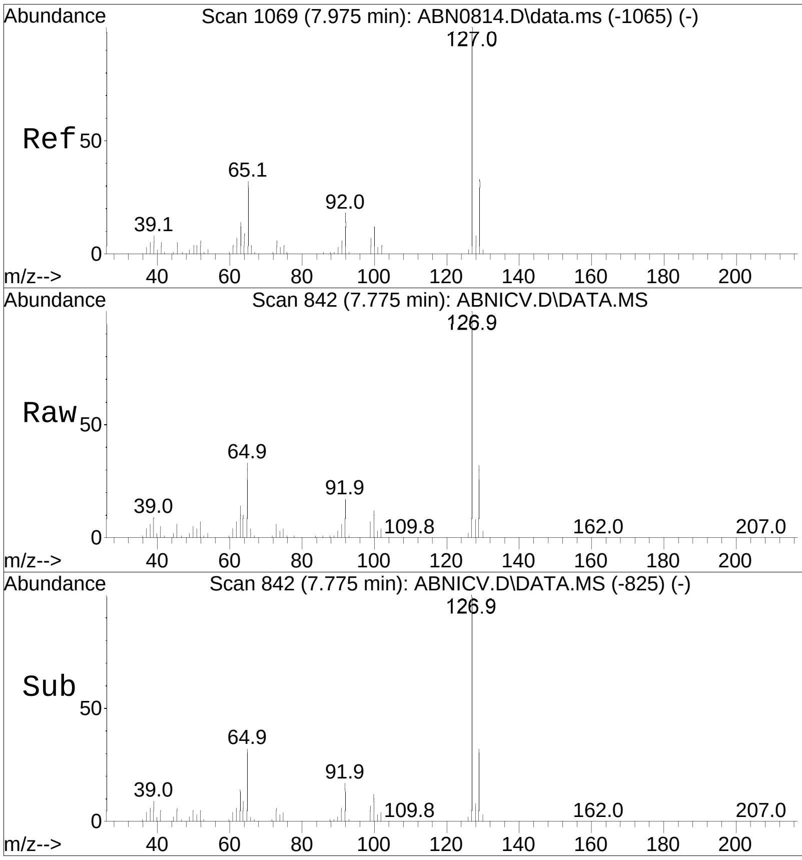


#37
Benzoic Acid
Concen: 3.97 ug/ml
RT: 7.480 min Scan# 803
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:105 Resp: 44800

Ion	Ratio	Lower	Upper
105	100		
122	83.7	59.9	89.9
77	76.4	60.1	90.1

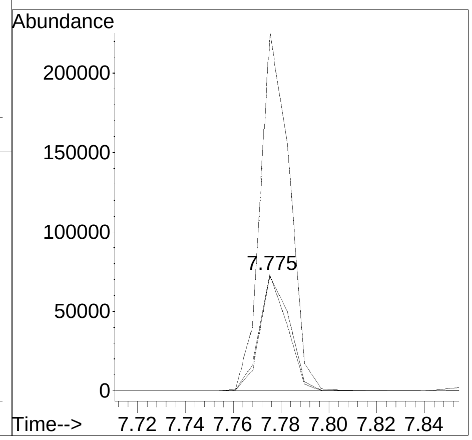


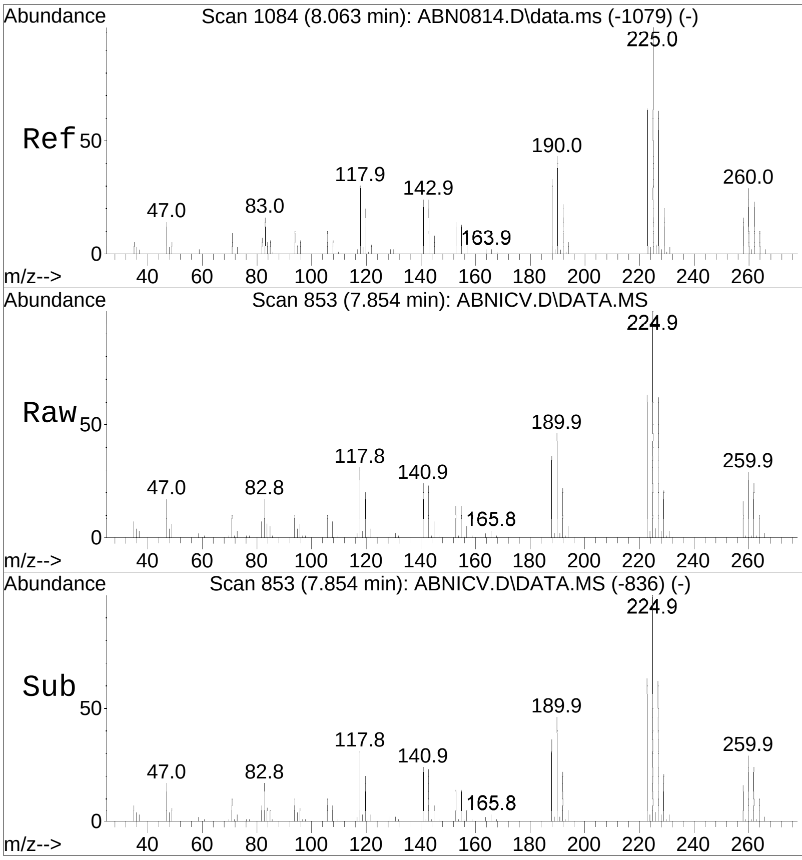


#38
4-Chloroaniline
Concen: 5.34 ug/ml
RT: 7.775 min Scan# 842
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 65 Resp: 59133

Ion	Ratio	Lower	Upper
65	100		
127	323.0	237.6	356.4
129	103.8	76.3	114.5

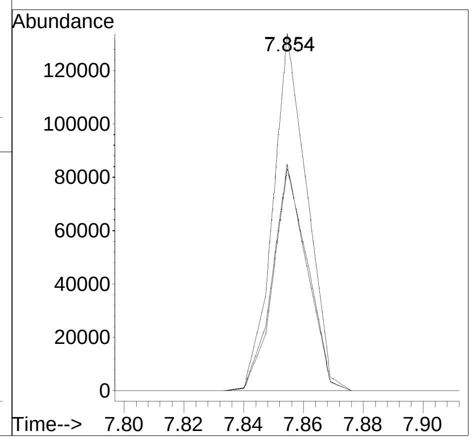


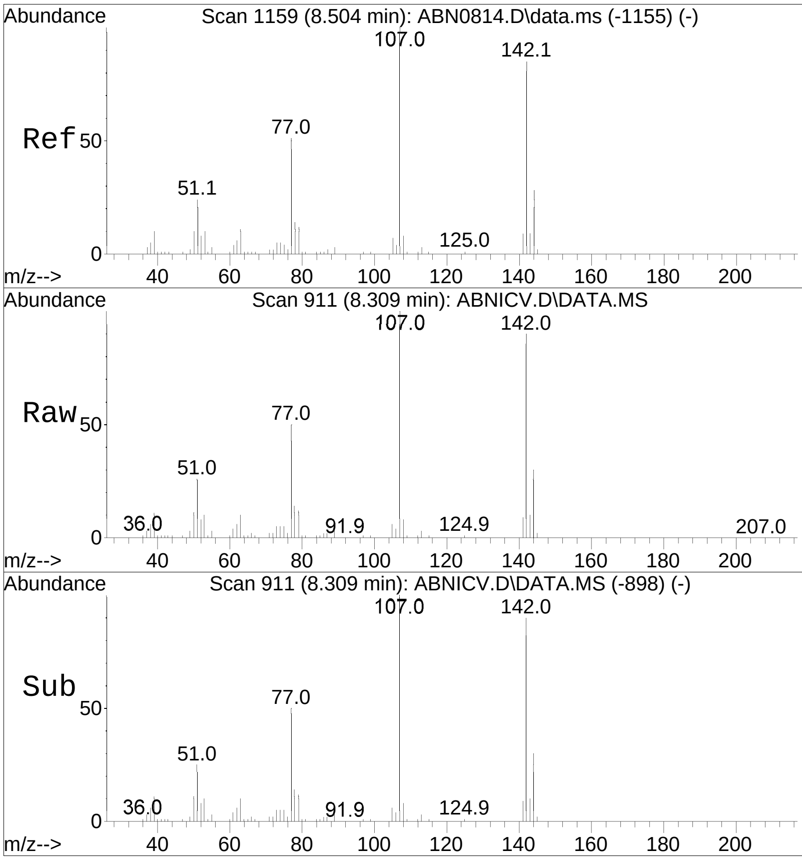


#39
Hexachlorobutadiene
Concen: 5.04 ug/ml
RT: 7.854 min Scan# 853
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:225 Resp: 106066

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	63.2	52.2	78.2

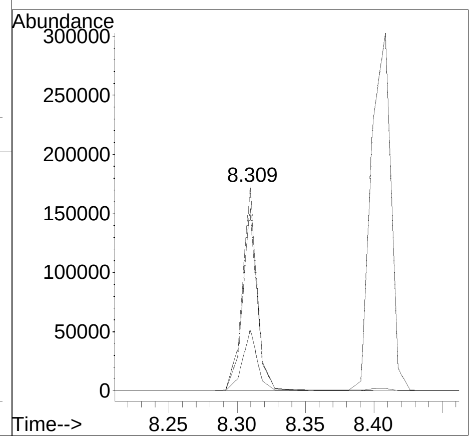


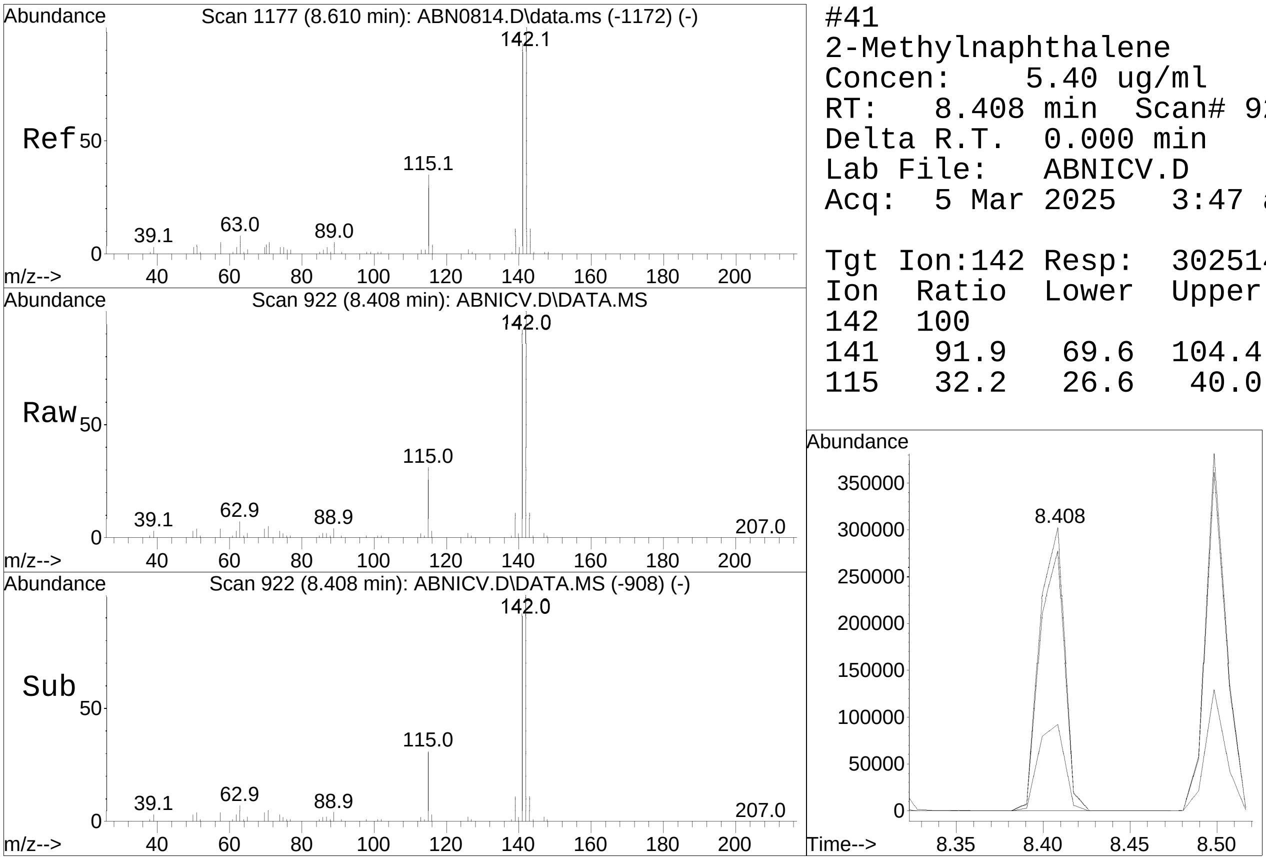


#40
p-Chloro-m-cresol
Concen: 5.51 ug/ml
RT: 8.309 min Scan# 911
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:107 Resp: 128267

Ion	Ratio	Lower	Upper
107	100		
144	29.8	20.9	31.3
142	89.1	66.1	99.1

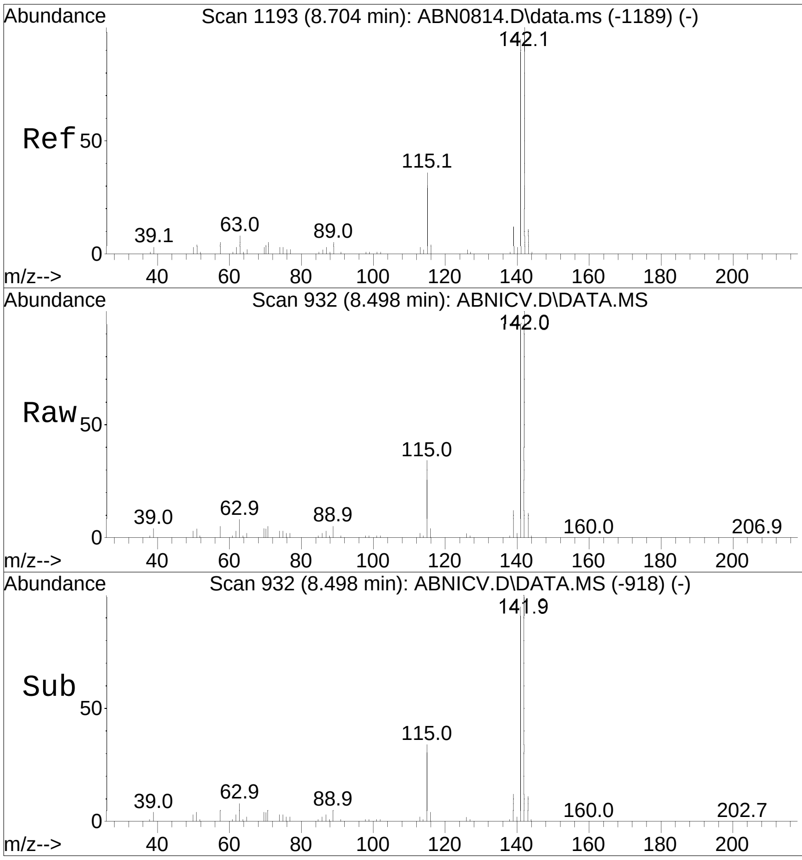




#41
2-Methylnaphthalene
Concen: 5.40 ug/ml
RT: 8.408 min Scan# 922
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:142 Resp: 302514

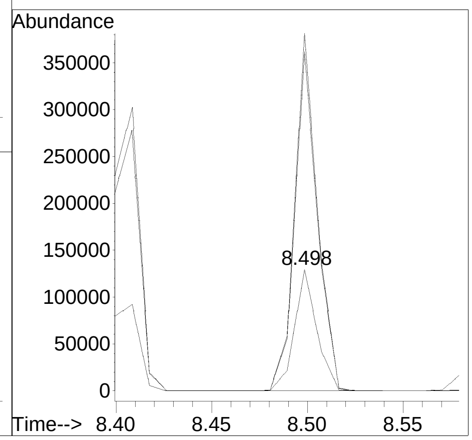
Ion	Ratio	Lower	Upper
142	100		
141	91.9	69.6	104.4
115	32.2	26.6	40.0

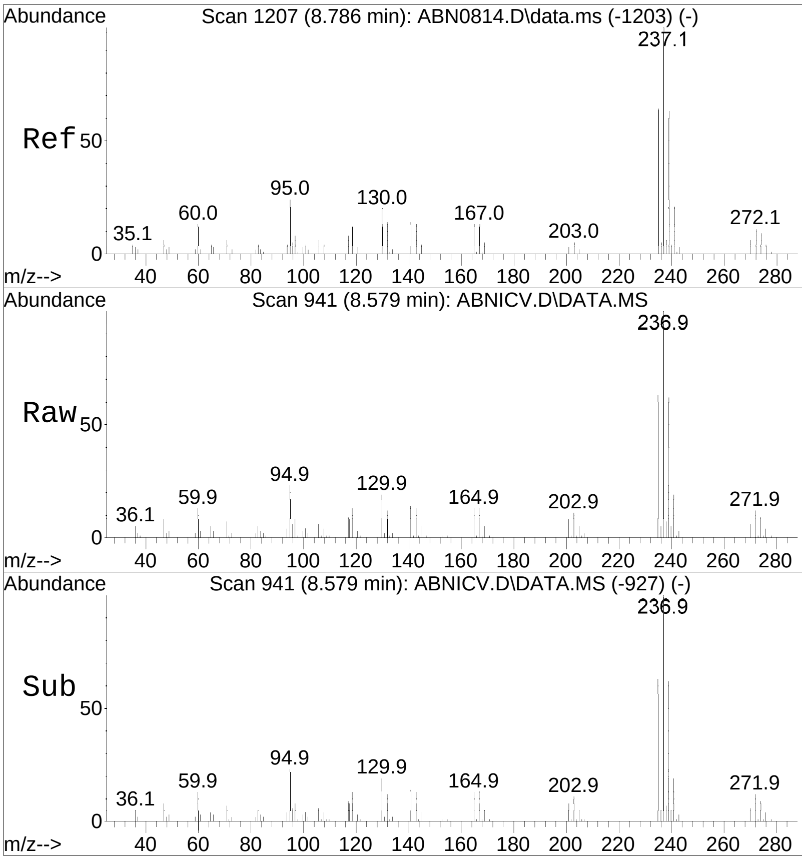


#42
1-Methylnaphthalene
Concen: 5.24 ug/ml
RT: 8.498 min Scan# 932
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:115 Resp: 105323

Ion	Ratio	Lower	Upper
115	100		
141	281.6	207.8	311.6
142	295.9	226.8	340.2

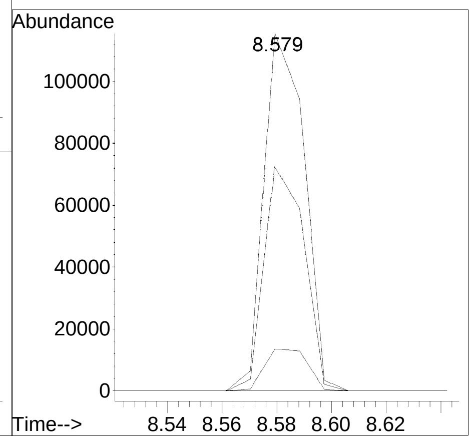


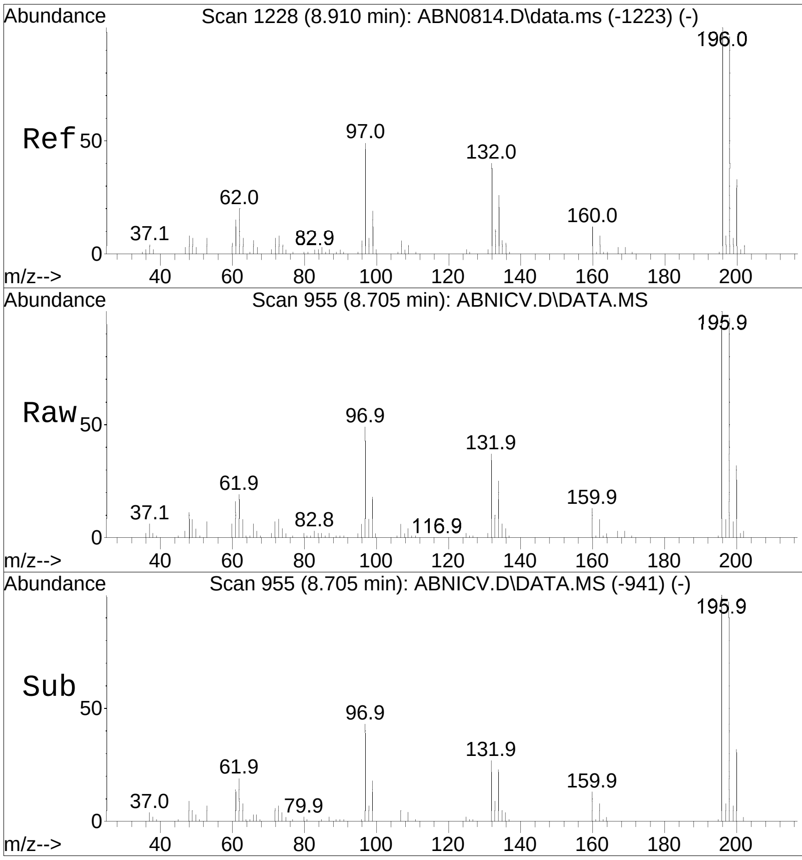


#43
Hexachlorocyclopentadiene
Concen: 5.01 ug/ml
RT: 8.579 min Scan# 941
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:237 Resp: 118527

Ion	Ratio	Lower	Upper
237	100		
235	62.5	49.7	74.5
272	12.5	9.8	14.6

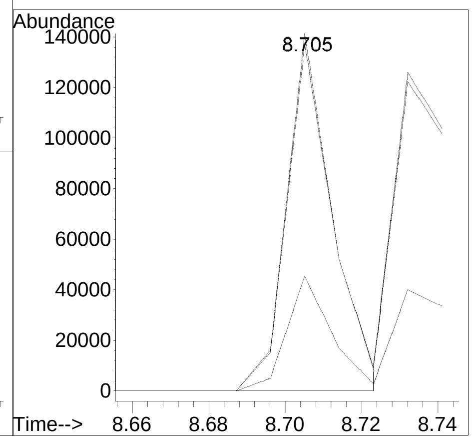


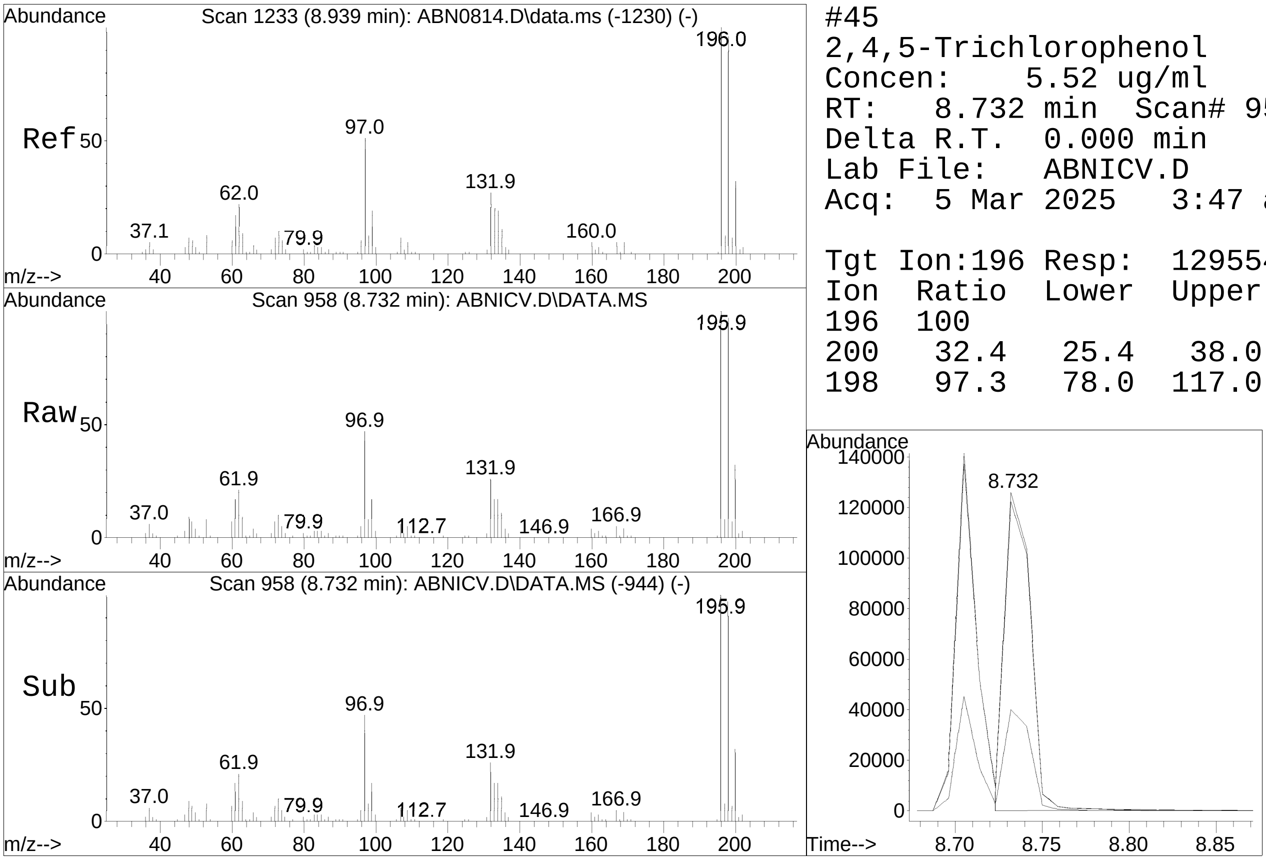


#44
2,4,6-Trichlorophenol
Concen: 5.24 ug/ml
RT: 8.705 min Scan# 955
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:196 Resp: 118096

Ion	Ratio	Lower	Upper
196	100		
198	97.5	77.5	116.3
200	31.9	23.8	35.6

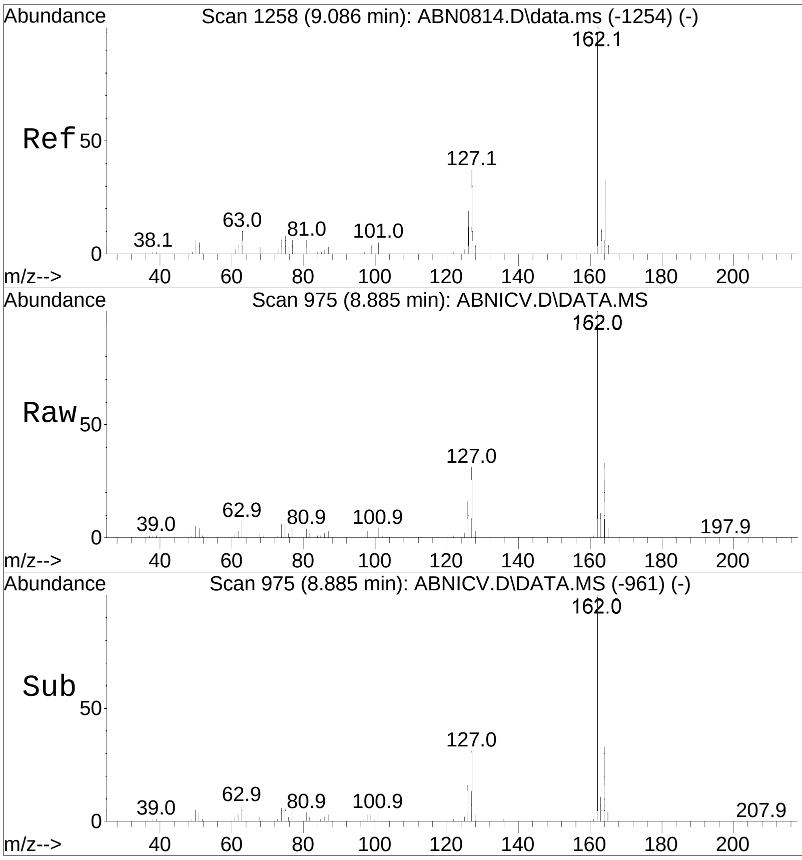




#45
2,4,5-Trichlorophenol
Concen: 5.52 ug/ml
RT: 8.732 min Scan# 958
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:196 Resp: 129554

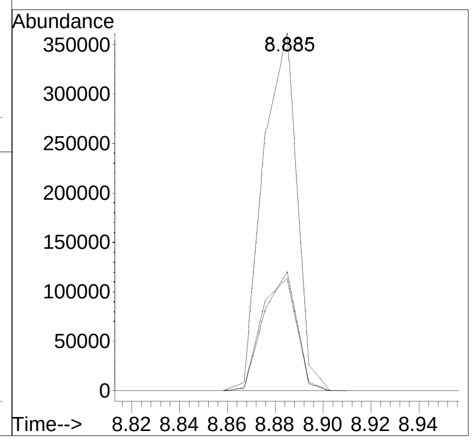
Ion	Ratio	Lower	Upper
196	100		
200	32.4	25.4	38.0
198	97.3	78.0	117.0

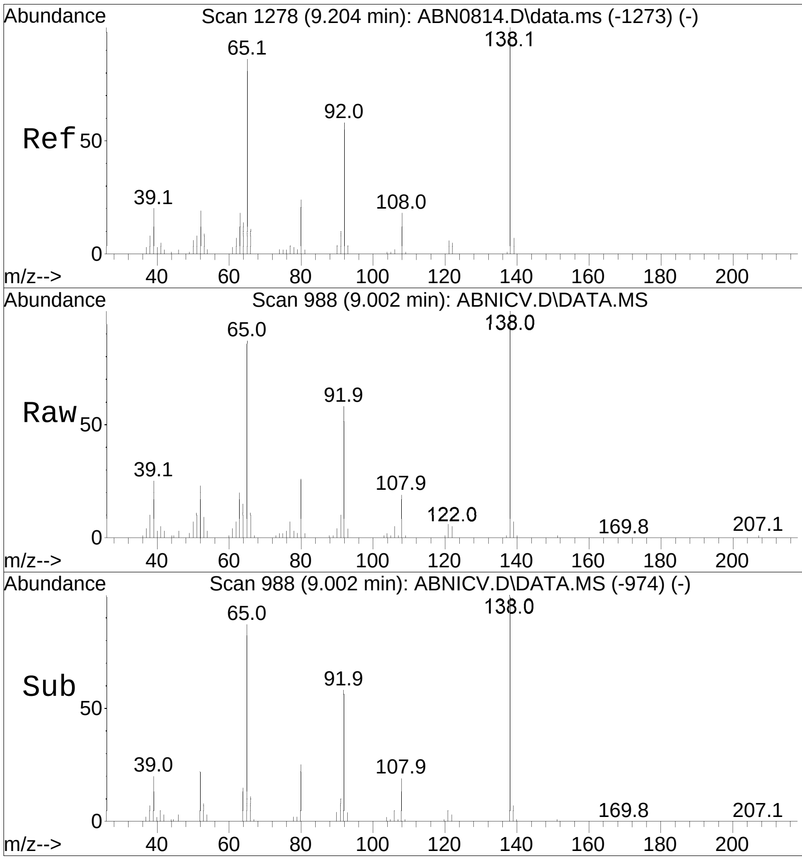


#47
2-Chloronaphthalene
Concen: 5.23 ug/ml
RT: 8.885 min Scan# 975
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:162 Resp: 354215

Ion	Ratio	Lower	Upper
162	100		
127	32.9	32.2	48.4
164	32.8	25.7	38.5

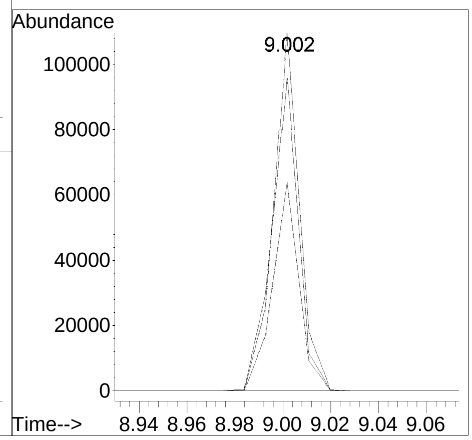


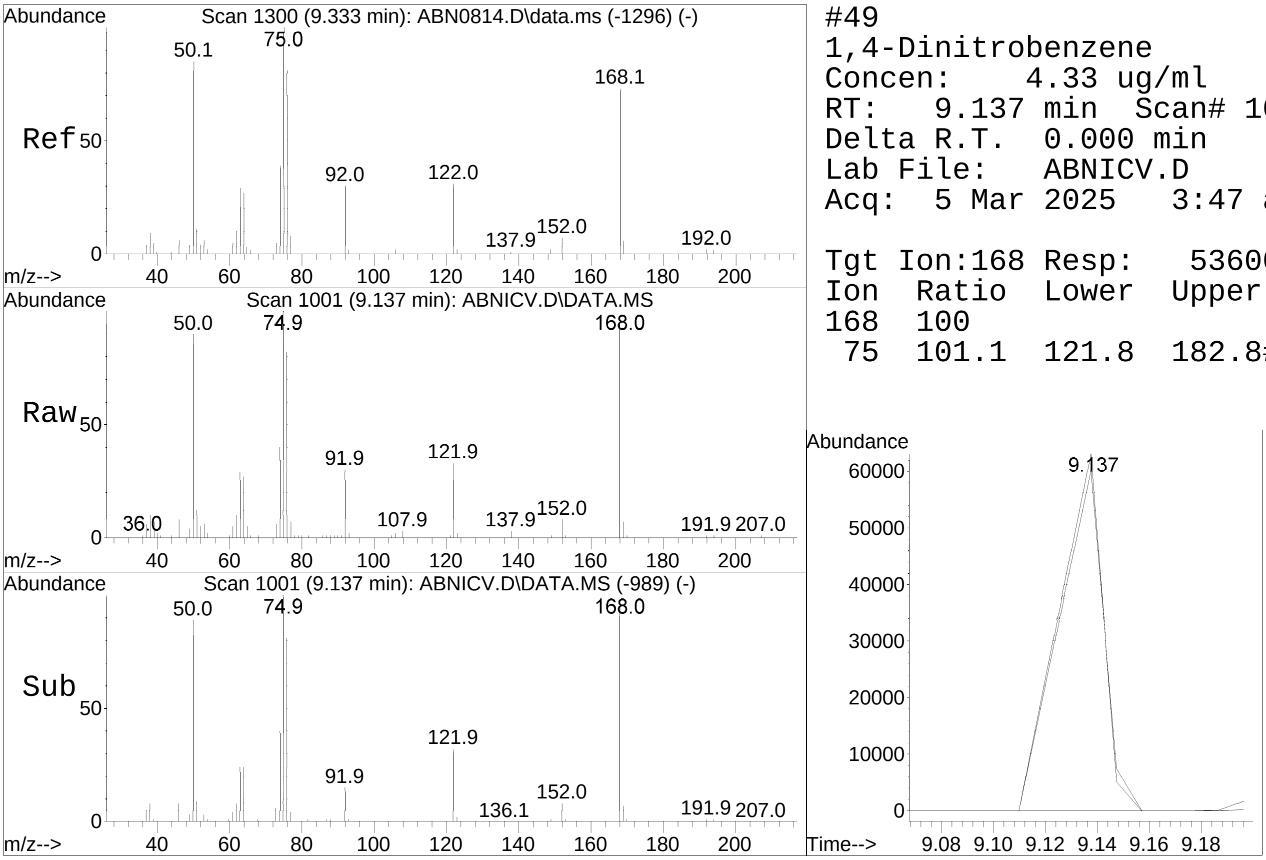


#48
2-Nitroaniline
Concen: 5.00 ug/ml
RT: 9.002 min Scan# 988
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:138 Resp: 82849

Ion	Ratio	Lower	Upper
138	100		
92	58.8	53.5	80.3
65	89.6	86.3	129.5

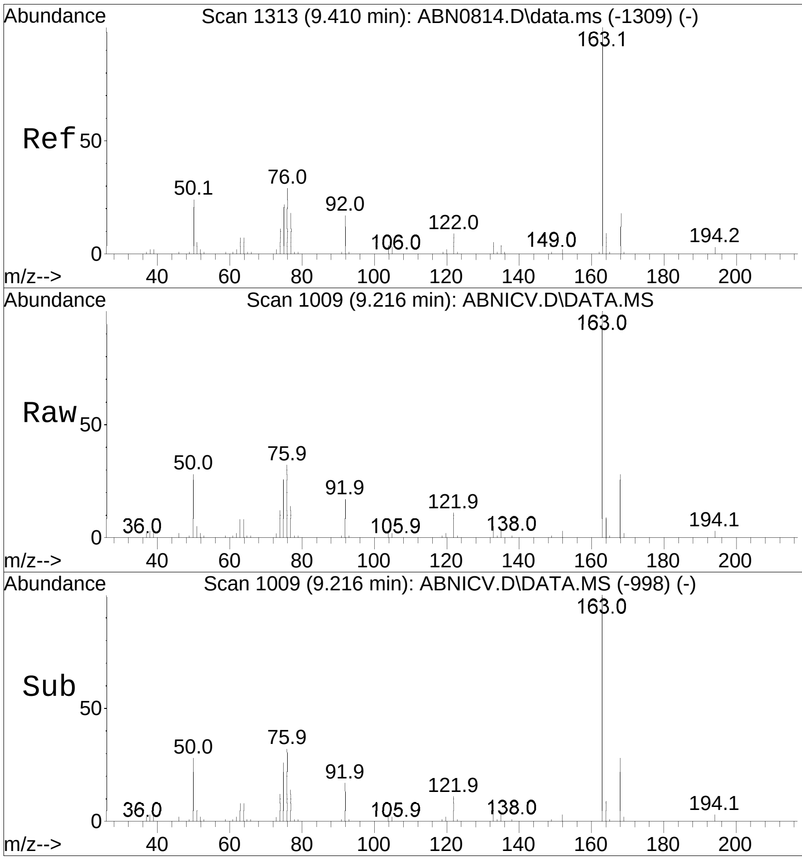




#49
1,4-Dinitrobenzene
Concen: 4.33 ug/ml
RT: 9.137 min Scan# 1001
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:168 Resp: 53600

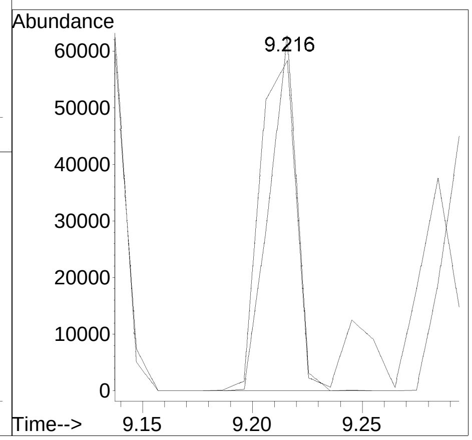
Ion	Ratio	Lower	Upper
168	100		
75	101.1	121.8	182.8#

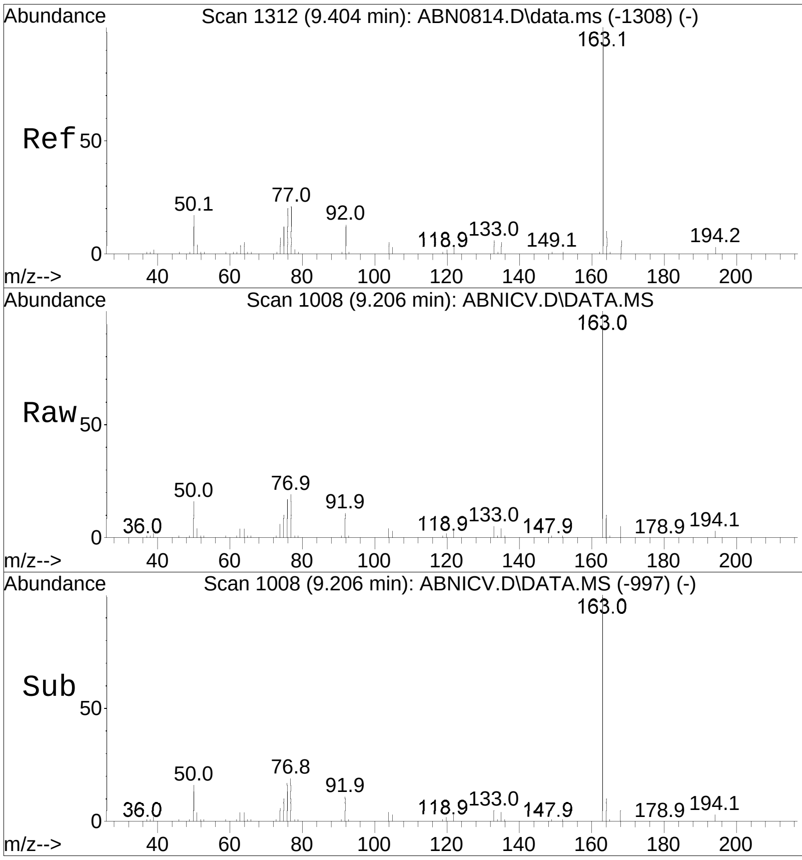


#50
1,3-Dinitrobenzene
Concen: 5.09 ug/ml
RT: 9.216 min Scan# 1009
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:168 Resp: 55351

Ion	Ratio	Lower	Upper
168	100		
75	121.6	22.7	34.1#

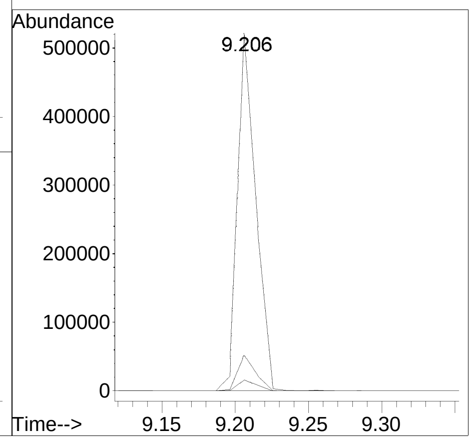


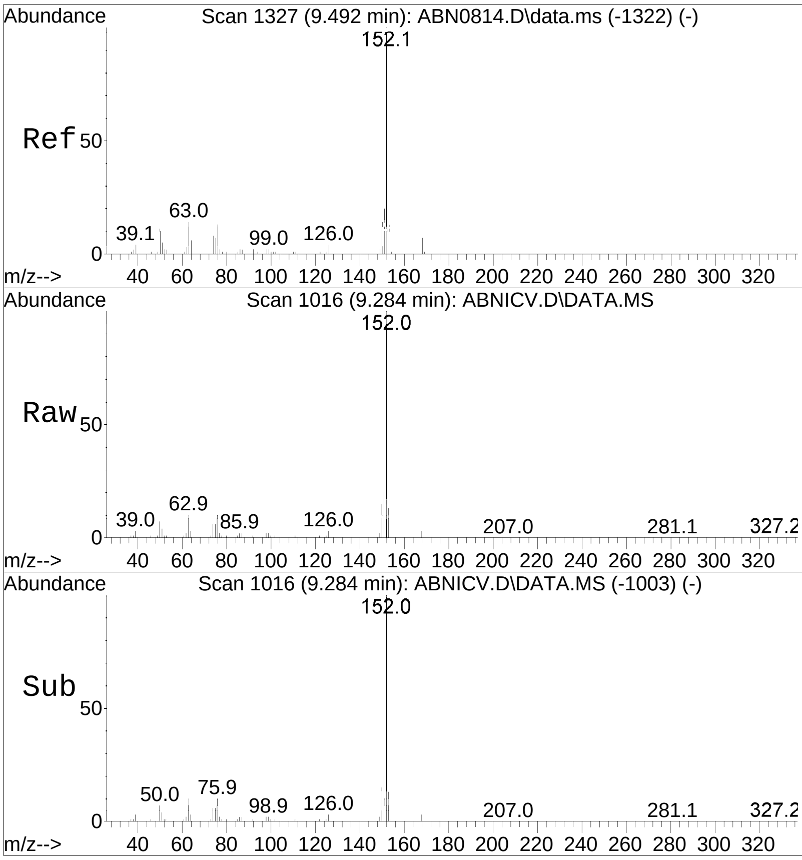


#51
Dimethyl phthalate
Concen: 5.51 ug/ml
RT: 9.206 min Scan# 1008
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:163 Resp: 452285

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.5	5.3#
164	9.8	7.9	11.9

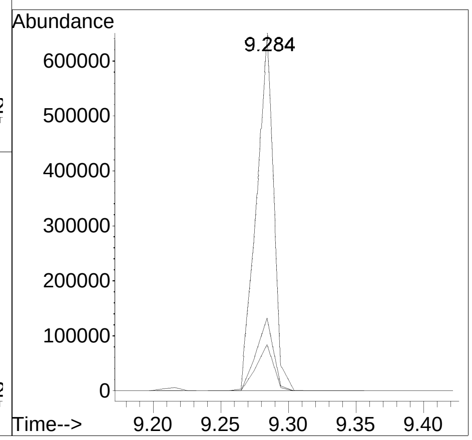


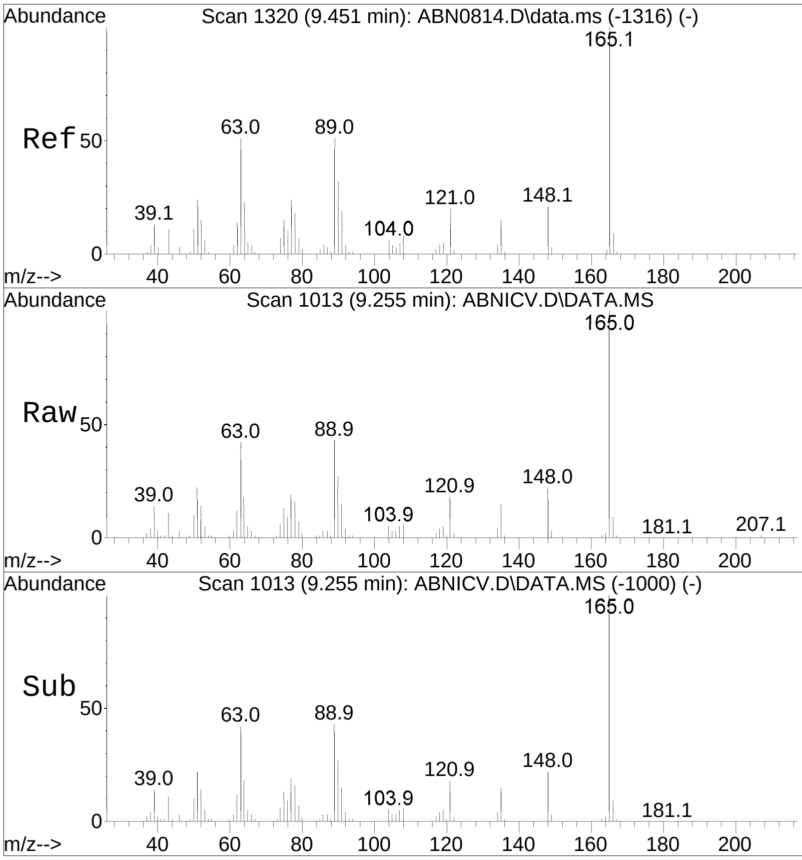


#52
Acenaphthylene
Concen: 5.54 ug/ml
RT: 9.284 min Scan# 1016
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:152 Resp: 572331

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	13.1	10.5	15.7

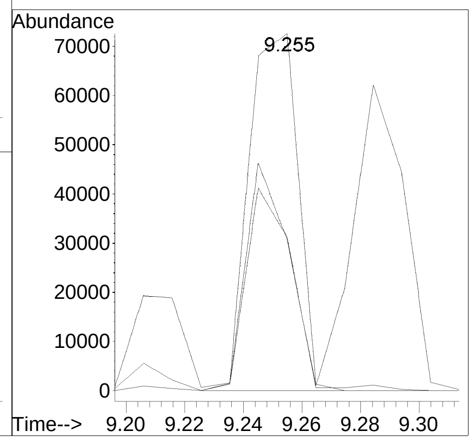


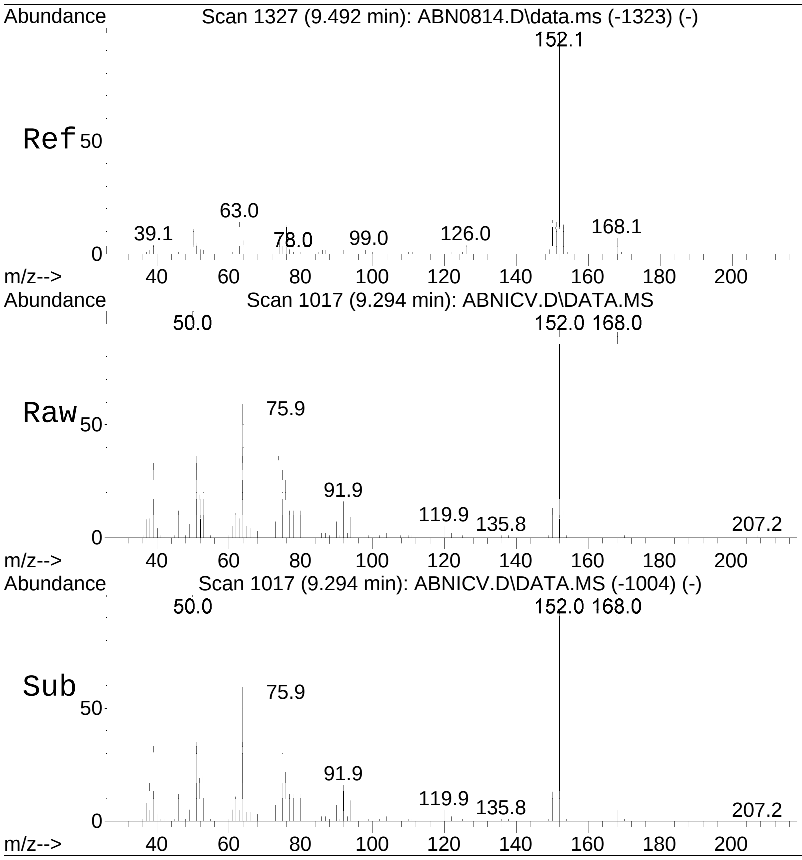


#53
2,6-Dinitrotoluene
Concen: 5.48 ug/ml
RT: 9.255 min Scan# 1013
Delta R.T. 0.010 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:165 Resp: 84273

Ion	Ratio	Lower	Upper
165	100		
89	53.1	54.2	81.2#
63	55.5	64.2	96.2#

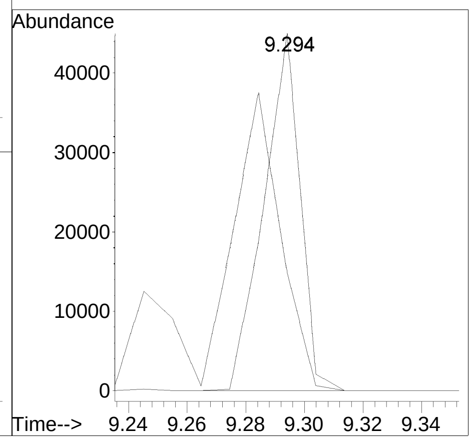


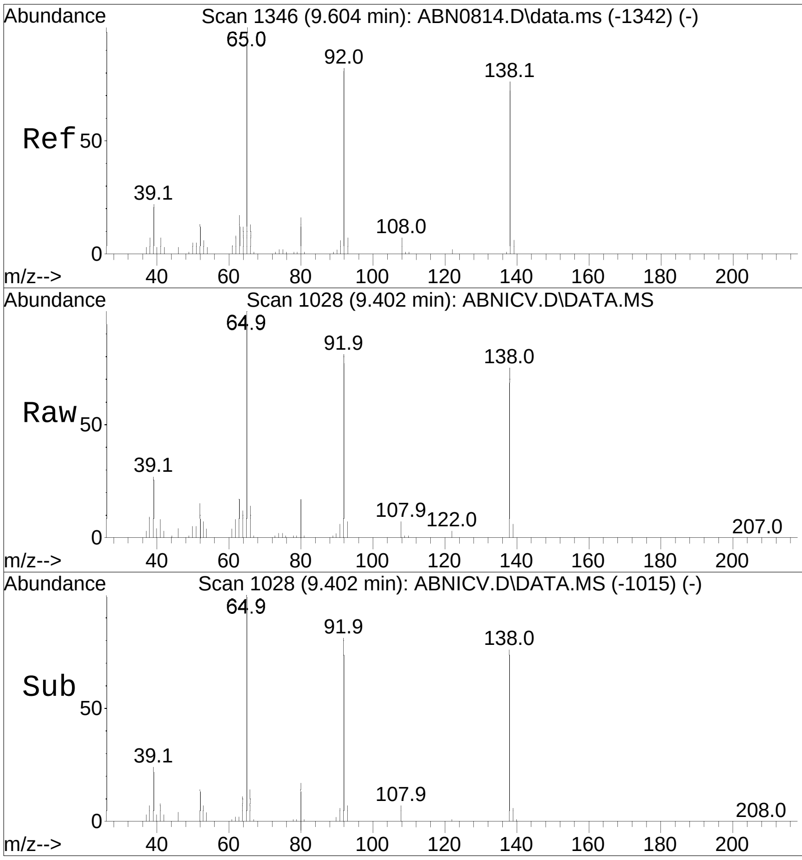


#54
1,2-Dinitrobenzene
Concen: 5.91 ug/ml
RT: 9.294 min Scan# 1017
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:168 Resp: 38652

Ion	Ratio	Lower	Upper
168	100		
75	141.0	30.9	46.3#

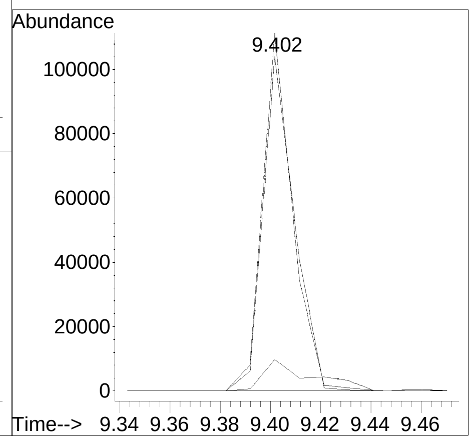


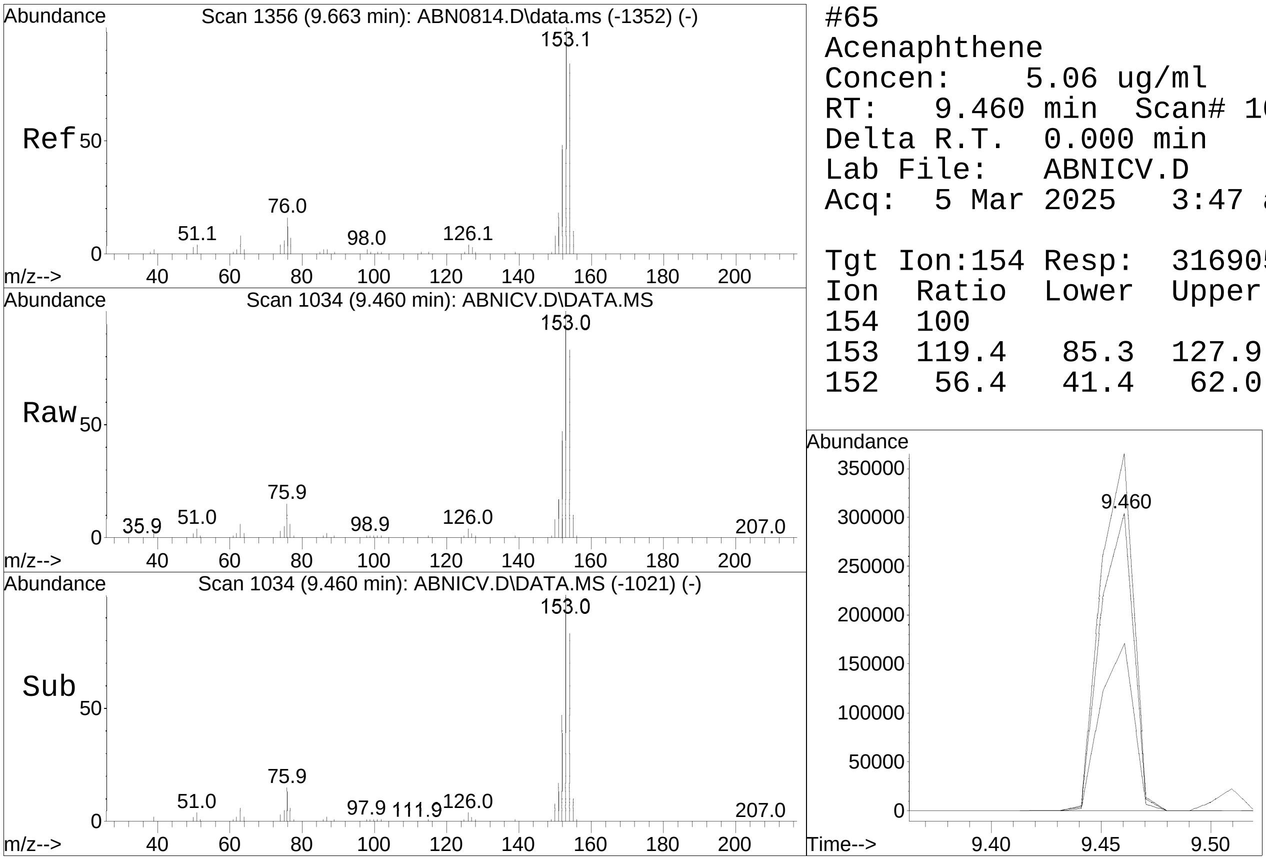


#64
3-Nitroaniline
Concen: 5.95 ug/ml
RT: 9.402 min Scan# 1028
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:138 Resp: 89541

Ion	Ratio	Lower	Upper
138	100		
92	102.9	93.4	140.2
108	14.8	9.5	14.3#

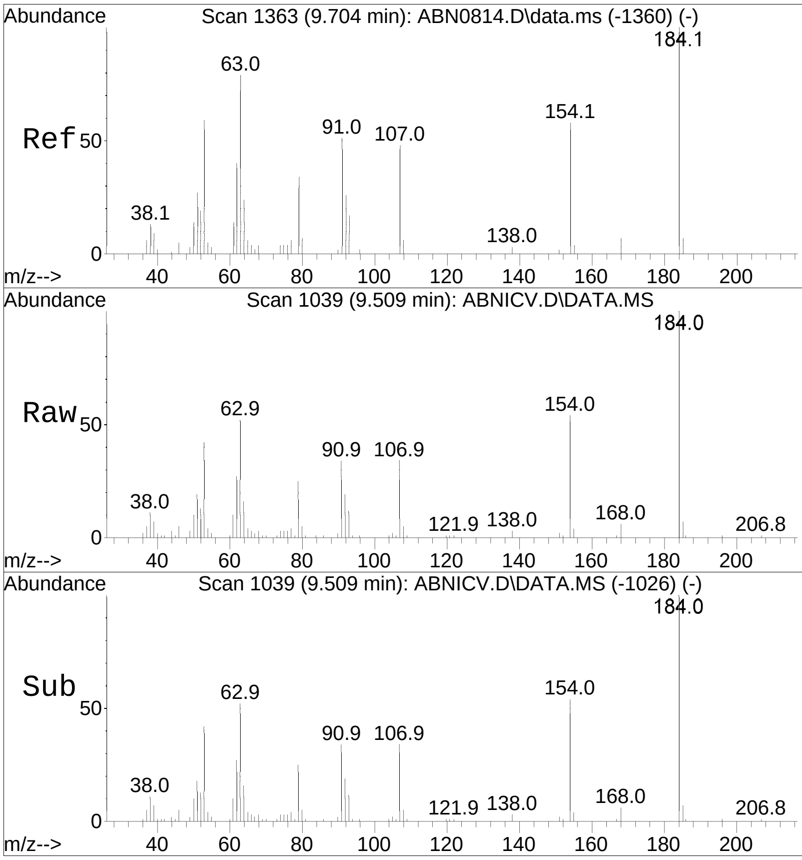




#65
Acenaphthene
Concen: 5.06 ug/ml
RT: 9.460 min Scan# 1034
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025   3:47 am

Tgt Ion:154 Resp: 316905

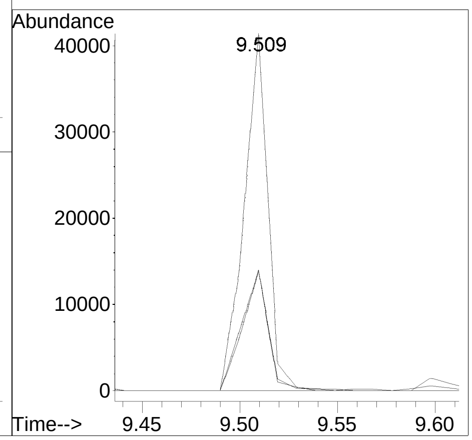
Ion	Ratio	Lower	Upper
154	100		
153	119.4	85.3	127.9
152	56.4	41.4	62.0

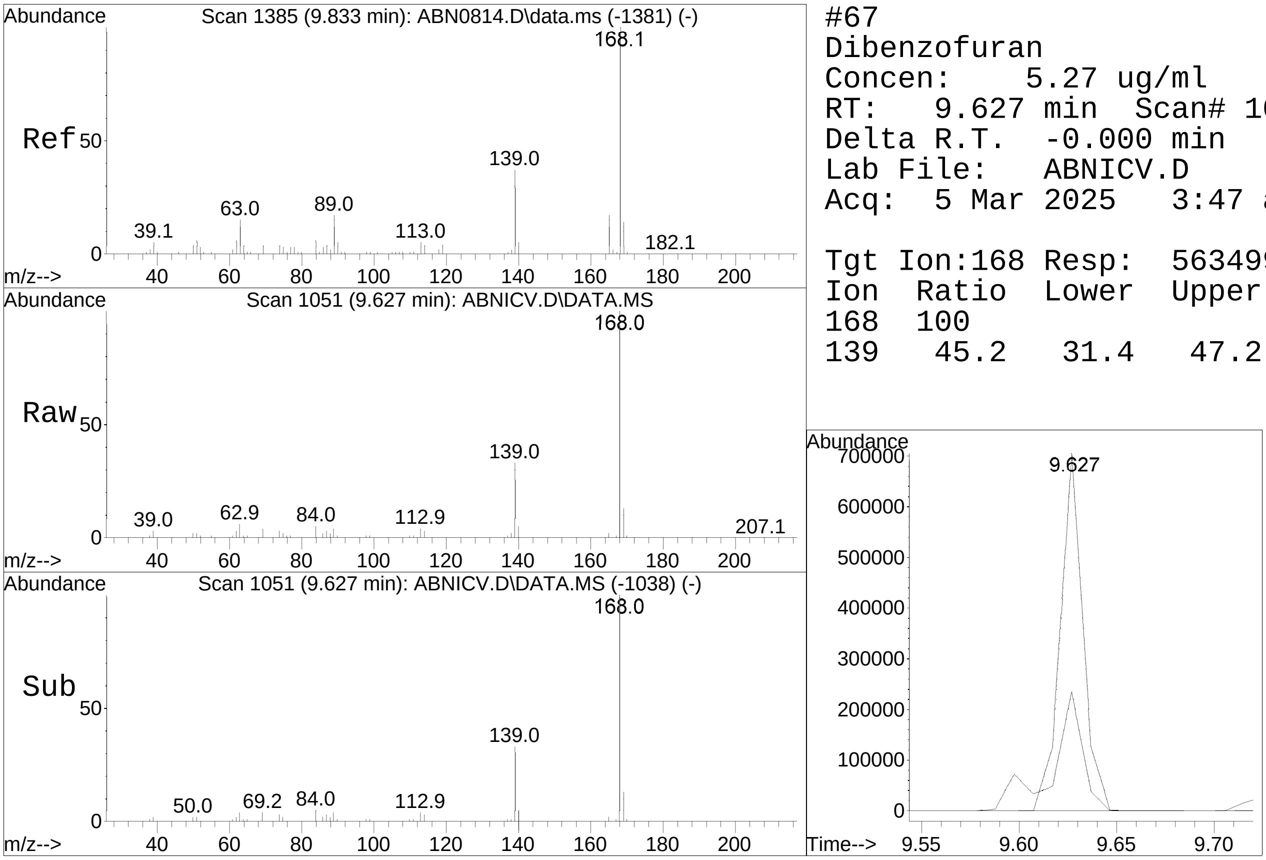


#66
2,4-Dinitrophenol
Concen: 4.38 ug/ml
RT: 9.509 min Scan# 1039
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:184 Resp: 34768

Ion	Ratio	Lower	Upper
184	100		
107	36.0	37.7	56.5#
91	38.0	46.3	69.5#

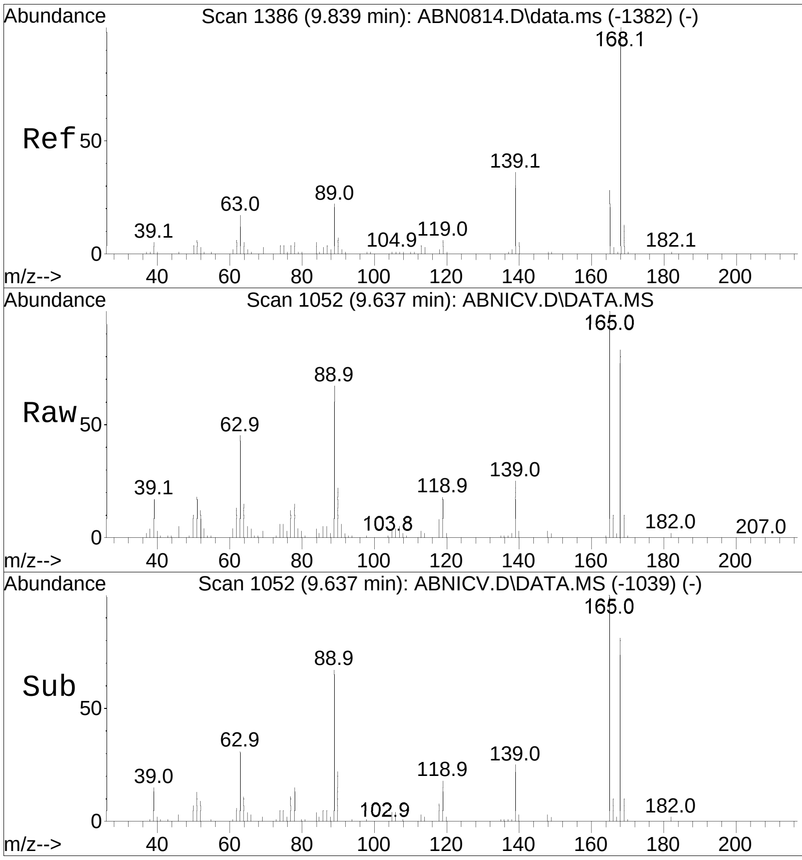




#67
Dibenzofuran
Concen: 5.27 ug/ml
RT: 9.627 min Scan# 1051
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:168 Resp: 563499

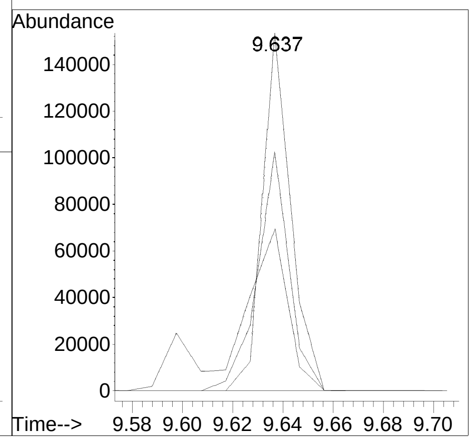
Ion	Ratio	Lower	Upper
168	100		
139	45.2	31.4	47.2

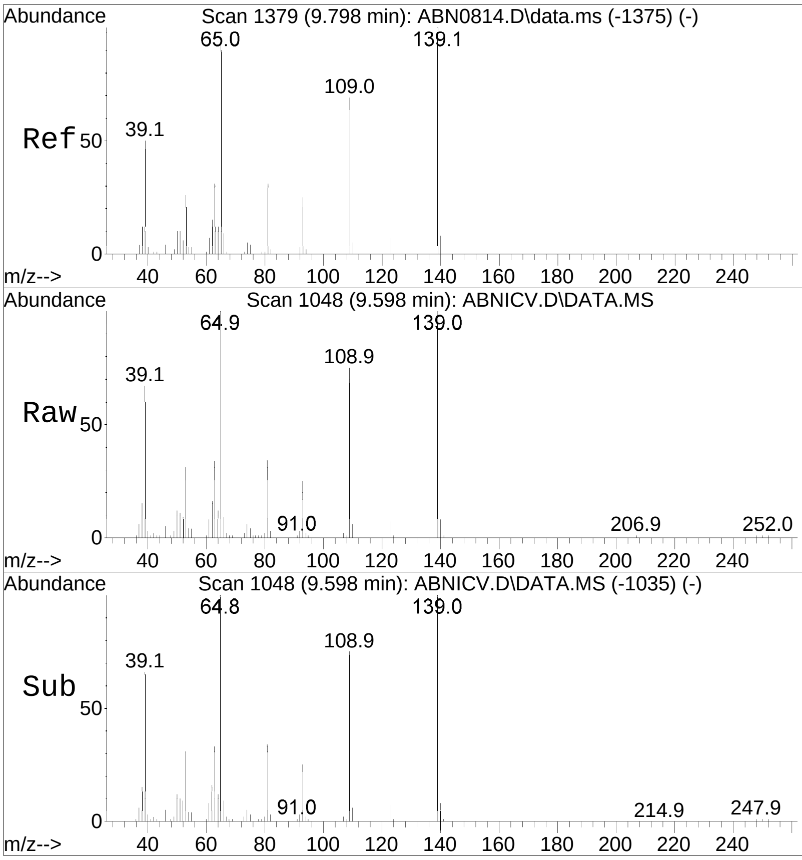


#68
2,4-Dinitrotoluene
Concen: 5.48 ug/ml
RT: 9.637 min Scan# 1052
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:165 Resp: 119843

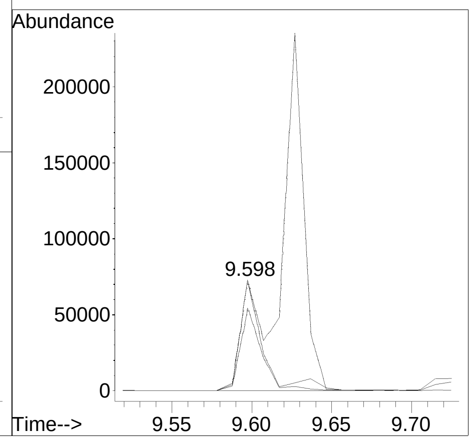
Ion	Ratio	Lower	Upper
165	100		
89	75.2	72.0	108.0
63	81.1	52.7	79.1#

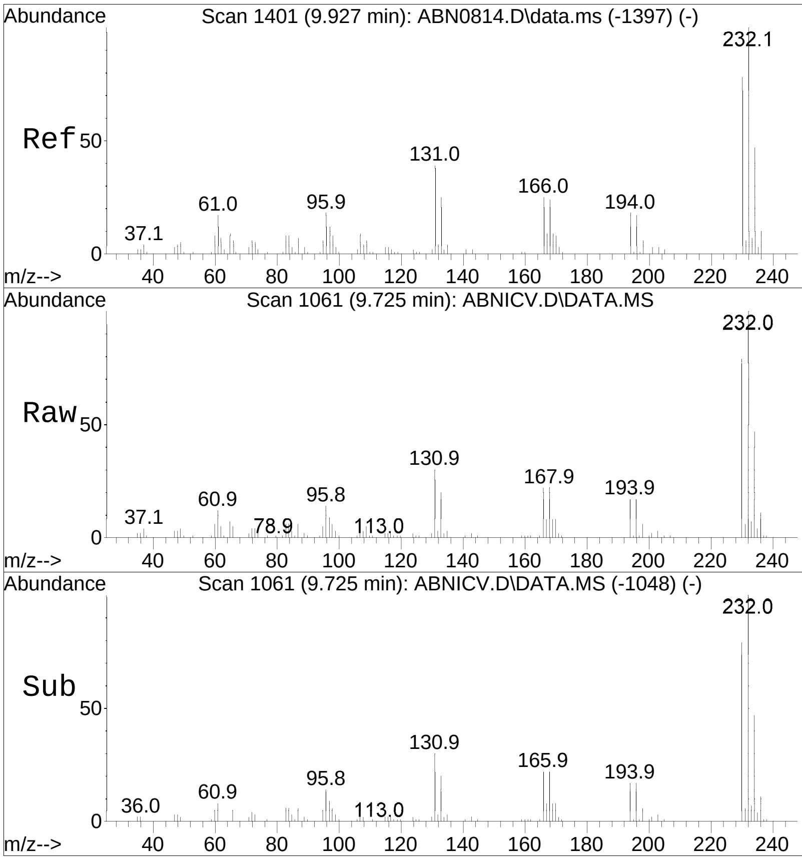




#69
4-Nitrophenol
Concen: 6.05 ug/ml
RT: 9.598 min Scan# 1048
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 65	Resp:		70196
Ion	Ratio	Lower	Upper
65	100		
109	71.6	47.4	71.2#
139	362.6	76.6	115.0#

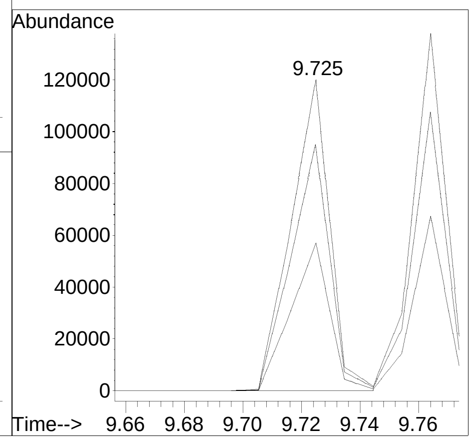


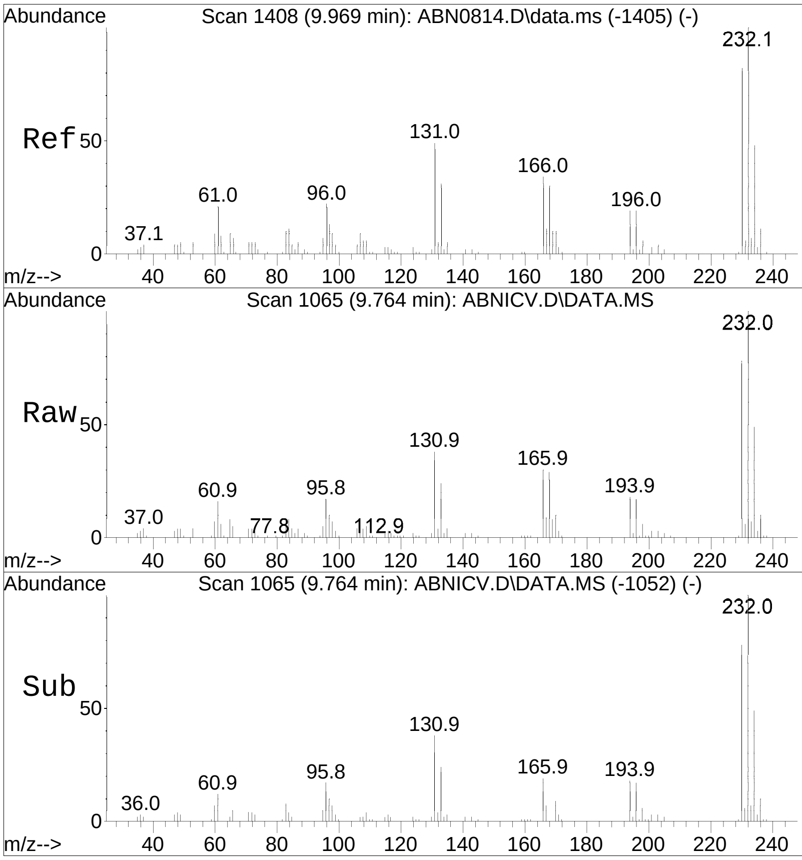


#70
2,3,5,6-Tetrachlorophenol
Concen: 5.75 ug/ml
RT: 9.725 min Scan# 1061
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:232 Resp: 109922

Ion	Ratio	Lower	Upper
232	100		
230	79.6	64.2	96.4
234	47.8	38.1	57.1

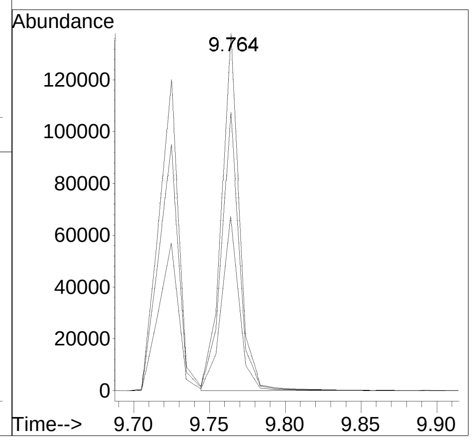


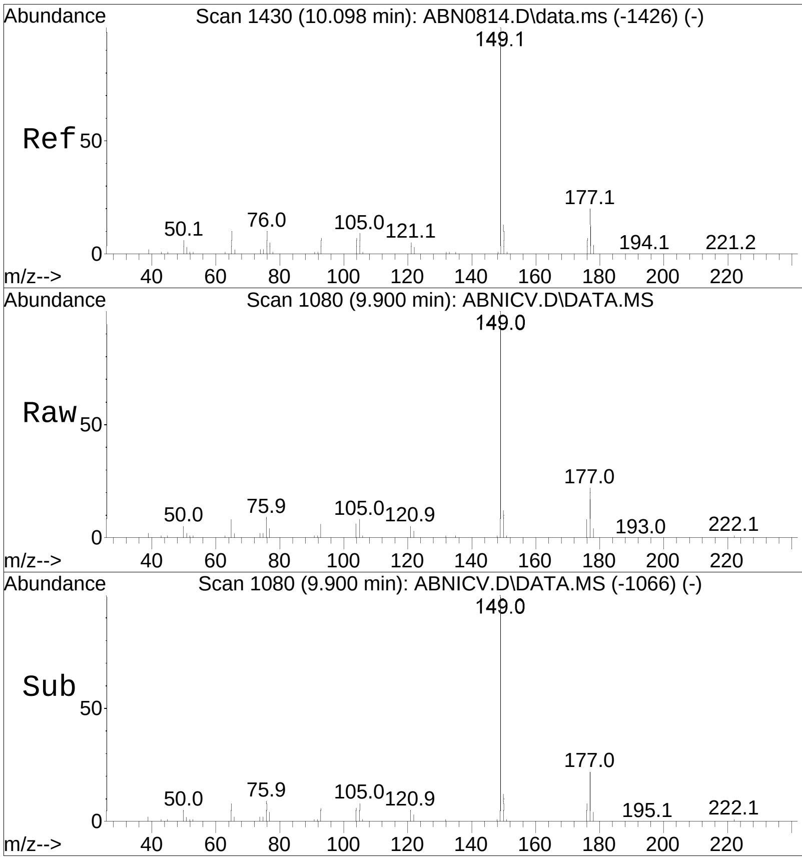


#71
2,3,4,6-Tetrachlorophenol
Concen: 5.80 ug/ml
RT: 9.764 min Scan# 1065
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:232 Resp: 119354

Ion	Ratio	Lower	Upper
232	100		
230	80.3	61.8	92.8
234	48.9	36.2	54.2

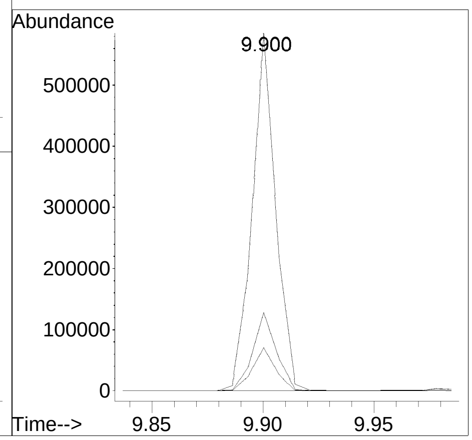


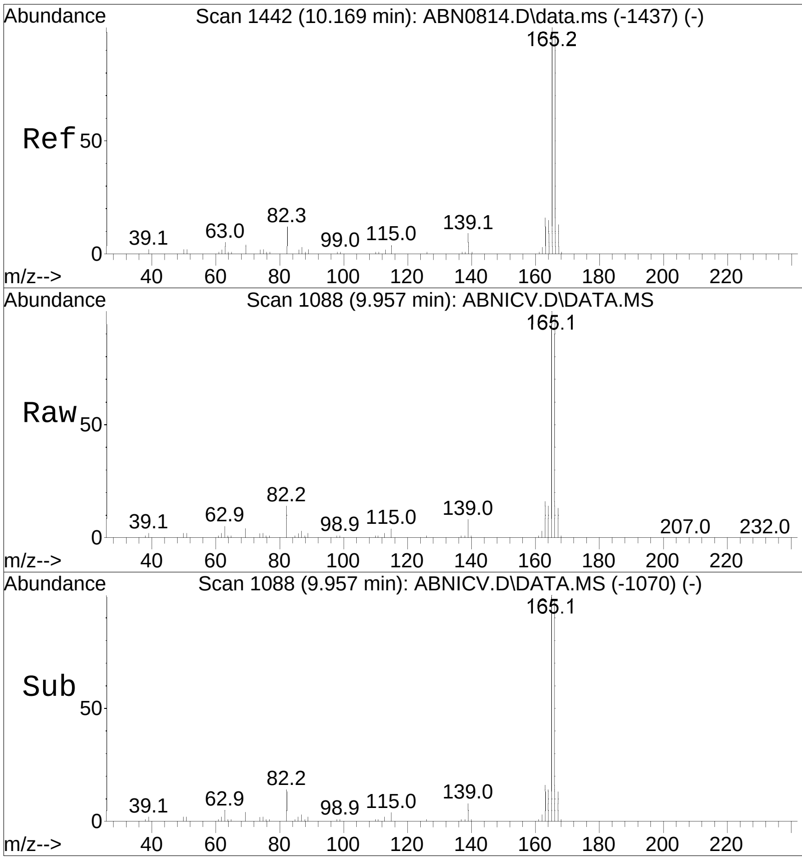


#72
Diethyl phthalate
Concen: 5.52 ug/ml
RT: 9.900 min Scan# 1080
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:149 Resp: 426091

Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.1	24.1
150	12.1	9.4	14.2

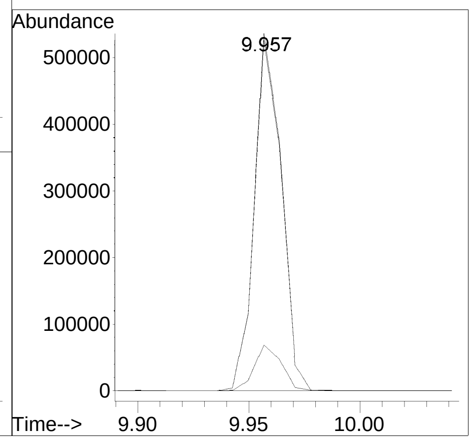


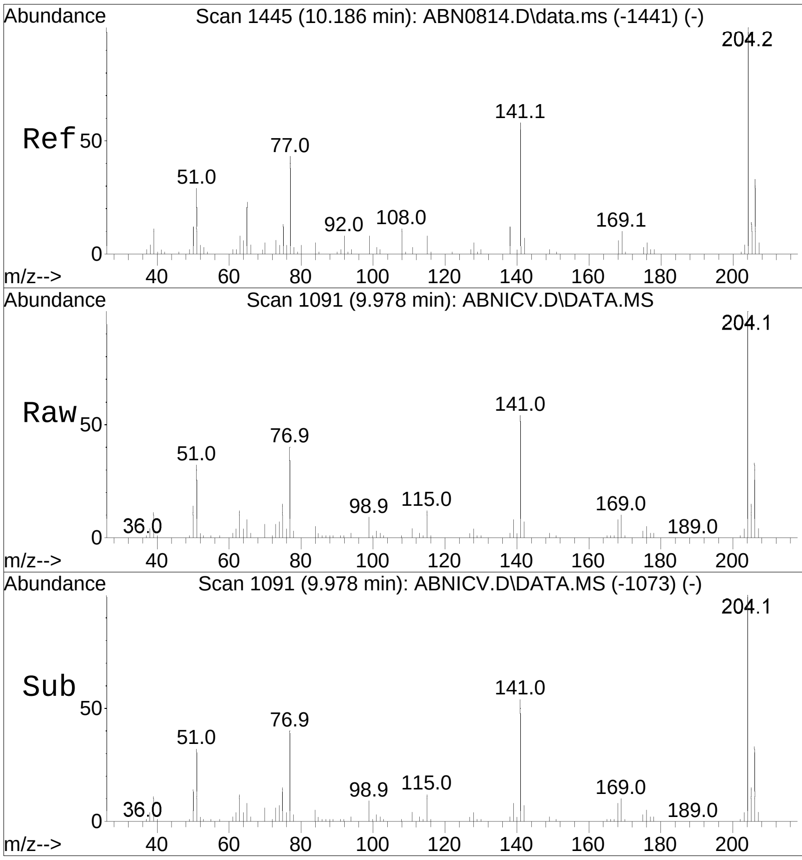


#73
Fluorene
Concen: 5.40 ug/ml
RT: 9.957 min Scan# 1088
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:166 Resp: 446877

Ion	Ratio	Lower	Upper
166	100		
165	101.8	76.2	114.2
167	13.2	10.6	15.8

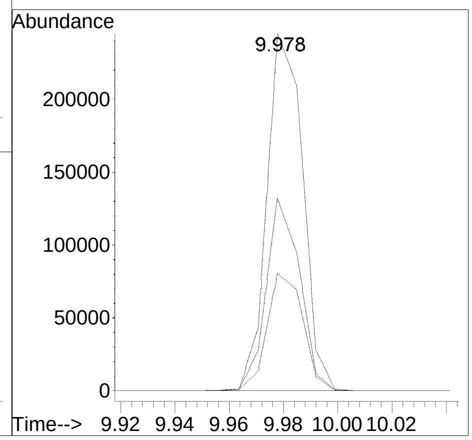


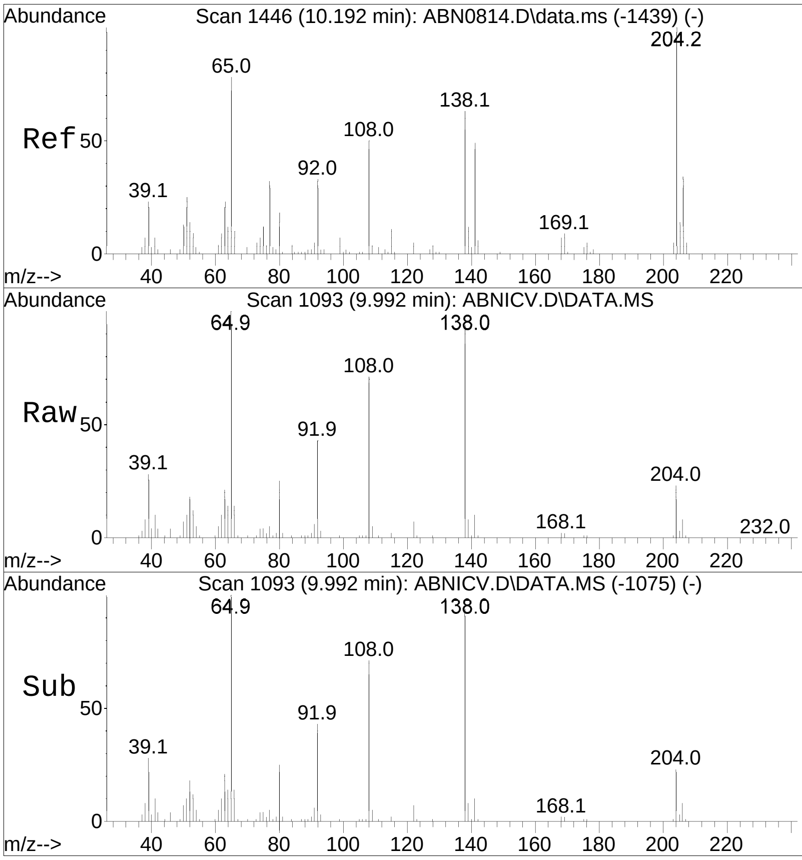


#74
4-Chlorophenyl phenyl ether
Concen: 5.26 ug/ml
RT: 9.978 min Scan# 1091
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:204 Resp: 223528

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.6
141	50.7	53.6	80.4#

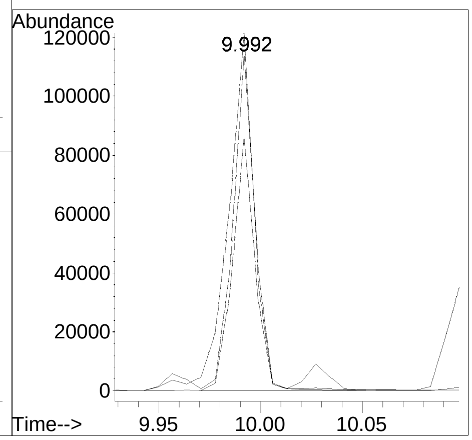


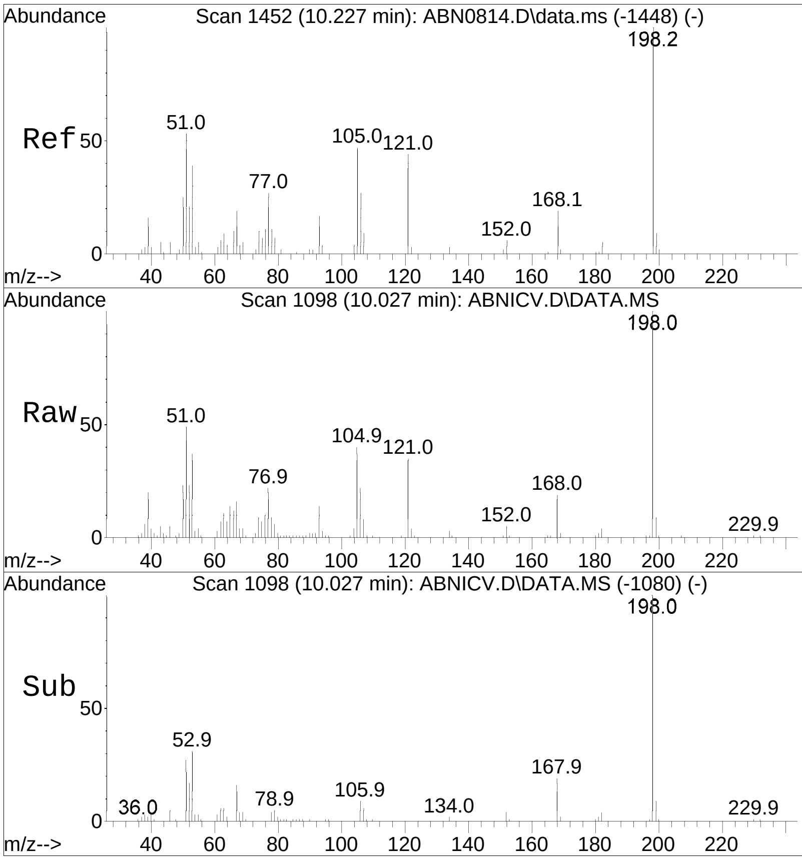


#75
4-Nitroaniline
Concen: 6.03 ug/ml
RT: 9.992 min Scan# 1093
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:138 Resp: 85975

Ion	Ratio	Lower	Upper
138	100		
108	76.1	52.1	78.1
65	124.5	115.0	172.6

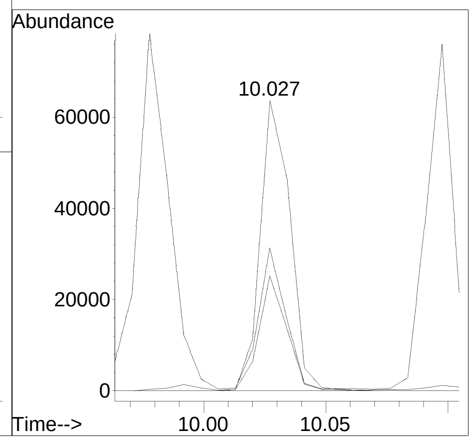


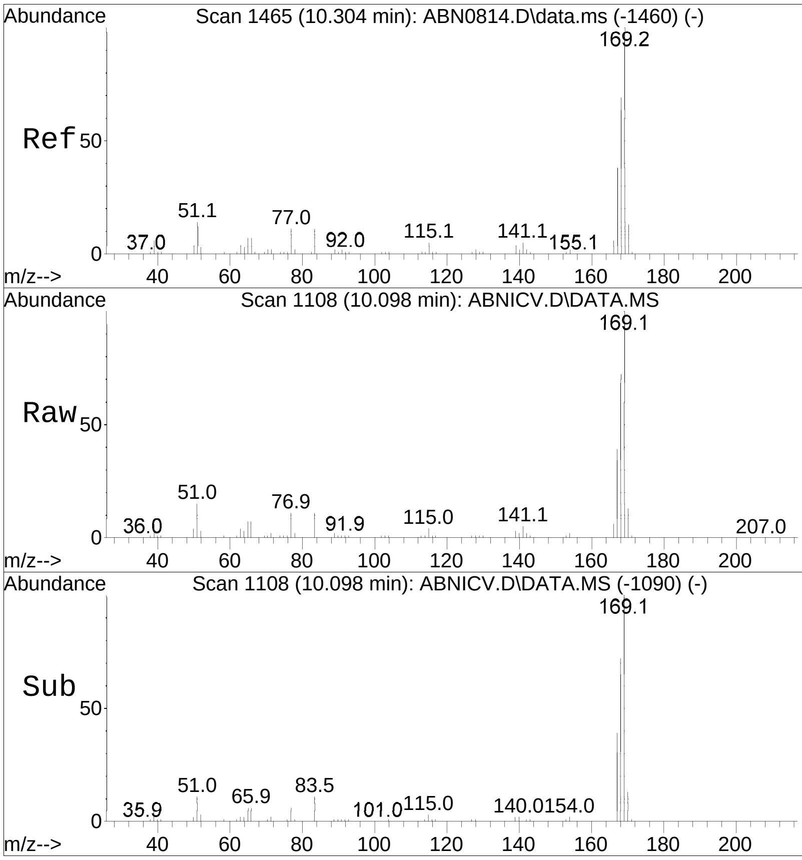


#76
4,6-Dinitro-o-cresol
Concen: 4.30 ug/ml
RT: 10.027 min Scan# 1098
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:198 Resp: 54145

Ion	Ratio	Lower	Upper
198	100		
51	44.2	76.0	114.0#
105	36.6	45.6	68.4#

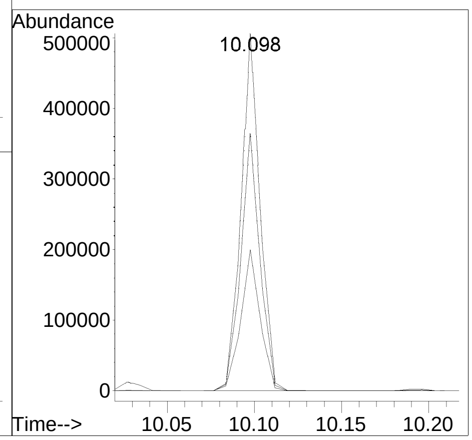


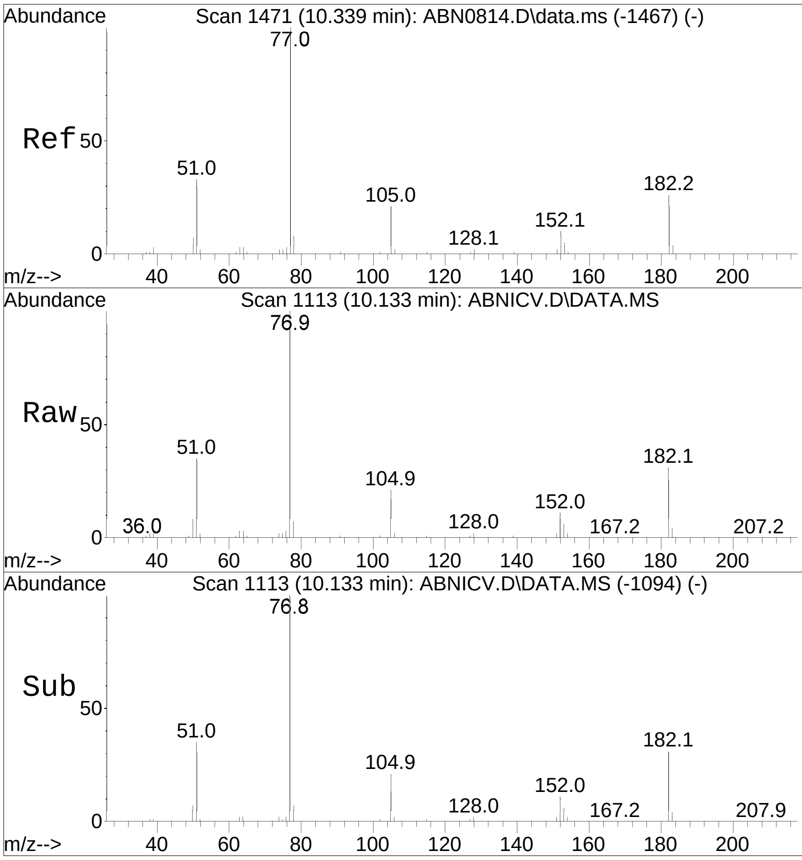


#77
NDPA/DPA
Concen: 5.54 ug/ml
RT: 10.098 min Scan# 1108
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:169 Resp: 385140

Ion	Ratio	Lower	Upper
169	100		
168	72.5	54.0	81.0
167	40.2	28.6	42.8

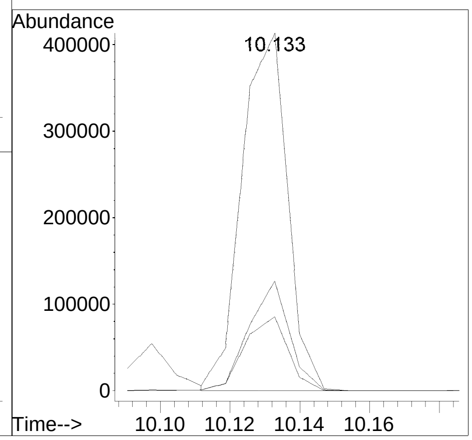


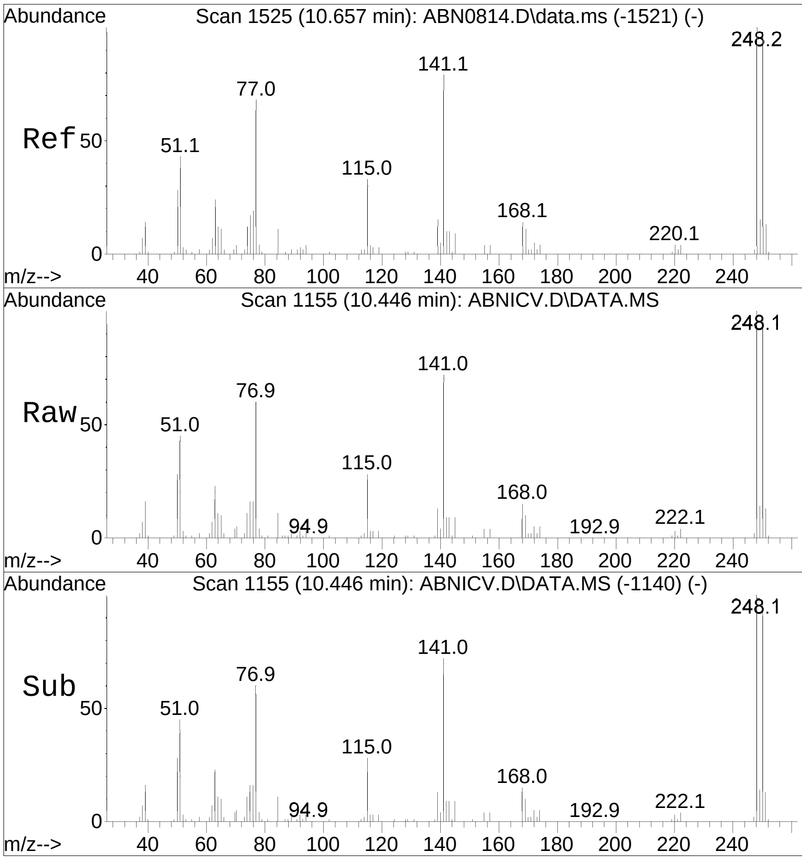


#78
Azobenzene
Concen: 5.69 ug/ml
RT: 10.133 min Scan# 1113
Delta R.T. 0.007 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion: 77 Resp: 373441

Ion	Ratio	Lower	Upper
77	100		
182	27.7	17.4	26.2#
105	20.3	15.4	23.2

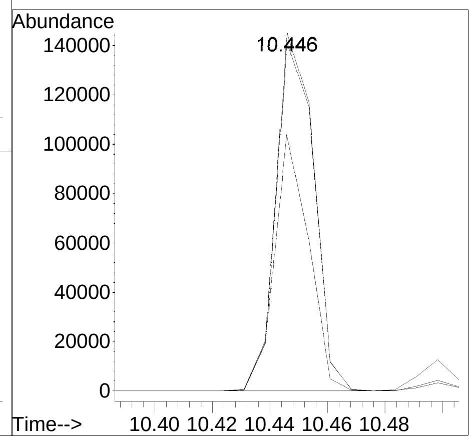


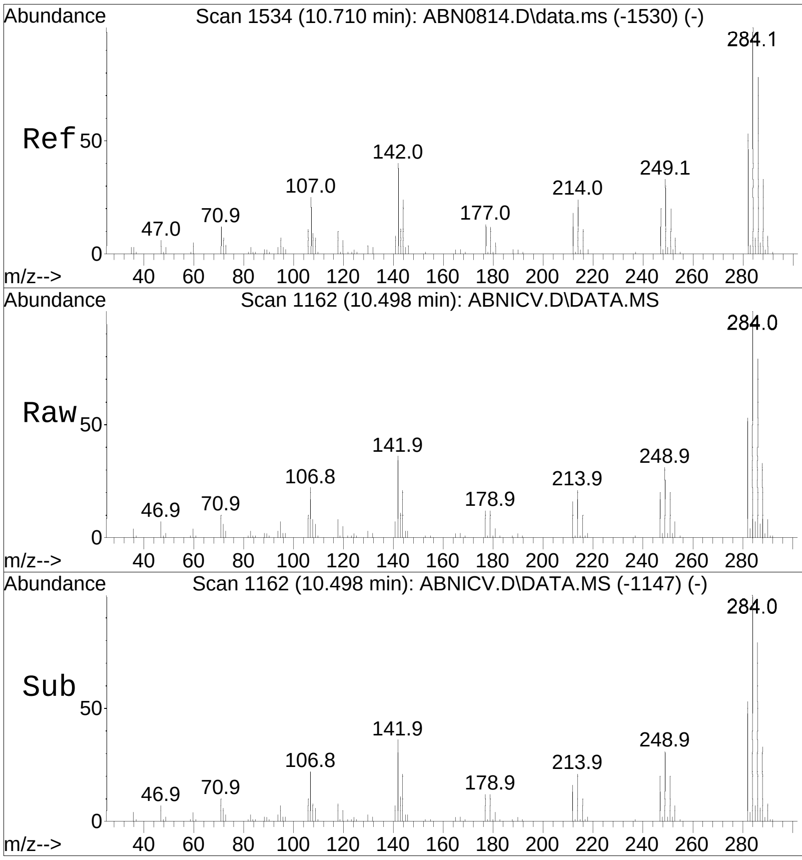


#80
4-Bromophenyl phenyl ether
Concen: 5.19 ug/ml
RT: 10.446 min Scan# 1155
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:248 Resp: 132158

Ion	Ratio	Lower	Upper
248	100		
141	65.0	76.6	114.8#
250	97.9	77.3	115.9

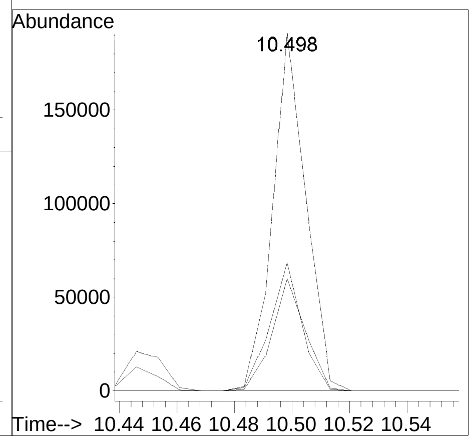


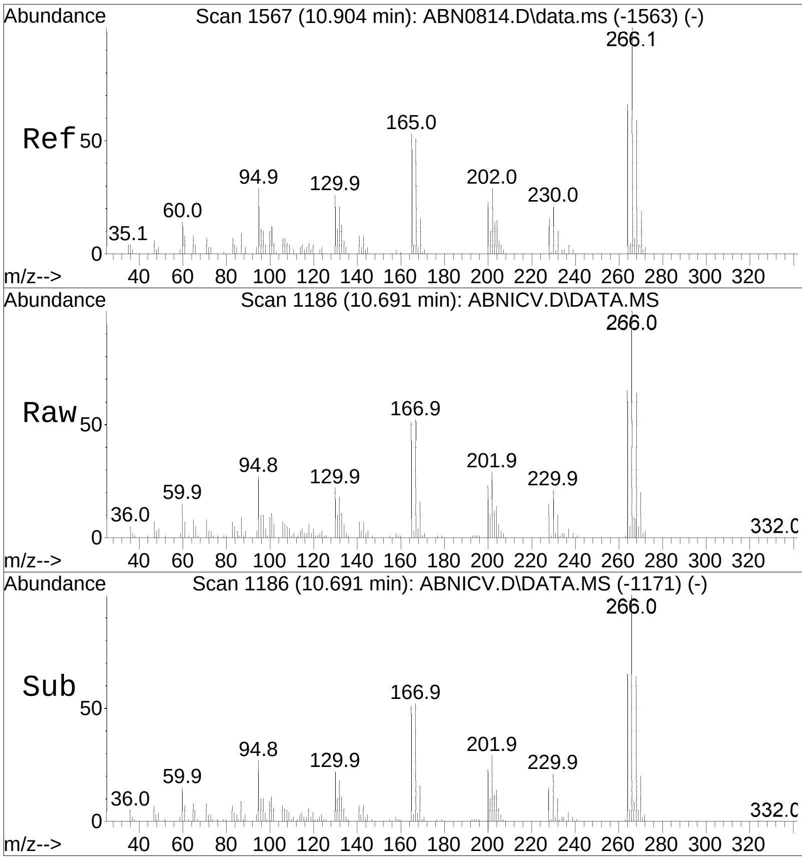


#81
Hexachlorobenzene
Concen: 5.15 ug/ml
RT: 10.498 min Scan# 1162
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:284 Resp: 153121

Ion	Ratio	Lower	Upper
284	100		
142	34.8	41.9	62.9#
249	31.6	24.1	36.1

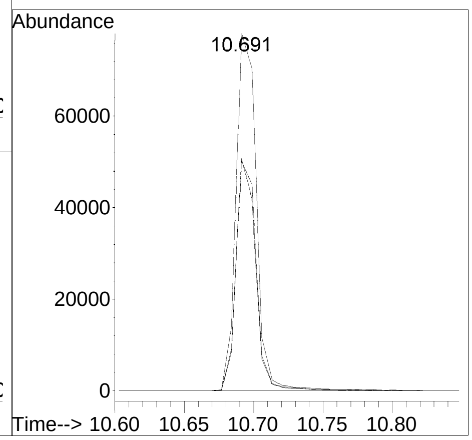


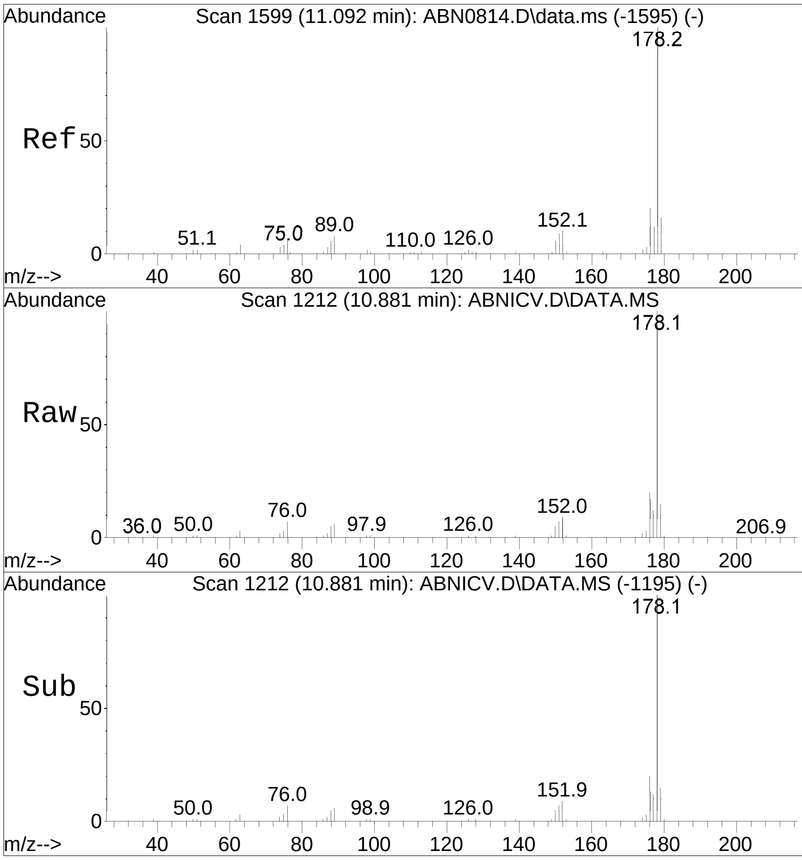


#82
Pentachlorophenol
Concen: 4.93 ug/ml
RT: 10.691 min Scan# 1186
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:266 Resp: 79930

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.7	74.5
268	63.8	50.5	75.7

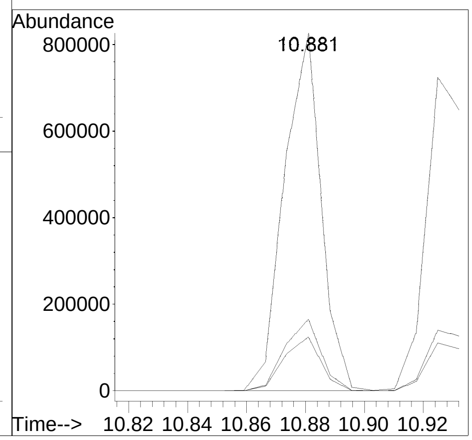


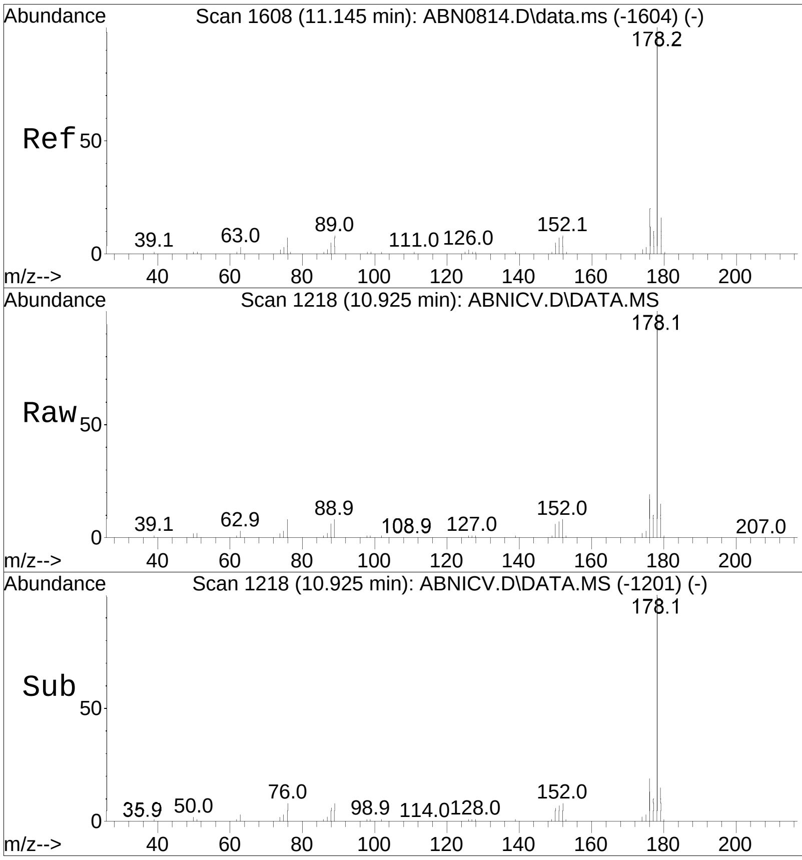


#89
Phenanthrene
Concen: 5.24 ug/ml
RT: 10.881 min Scan# 1212
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:178 Resp: 720269

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.8	15.4	23.2

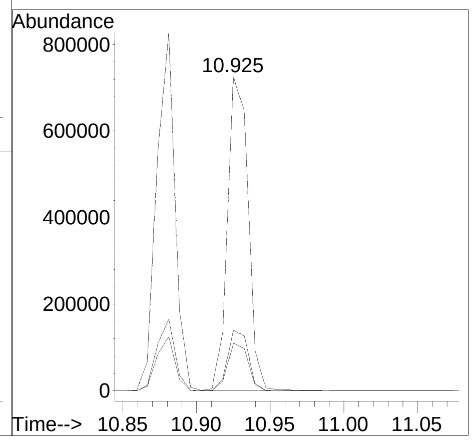


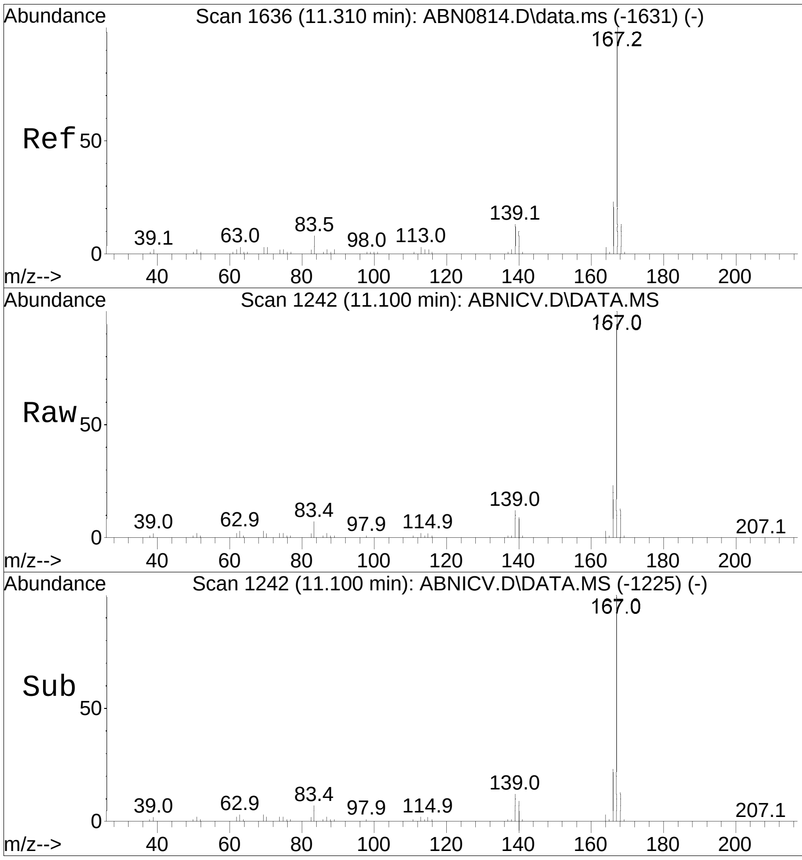


#90
Anthracene
Concen: 5.39 ug/ml
RT: 10.925 min Scan# 1218
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:178 Resp: 709870

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	19.4	14.6	22.0

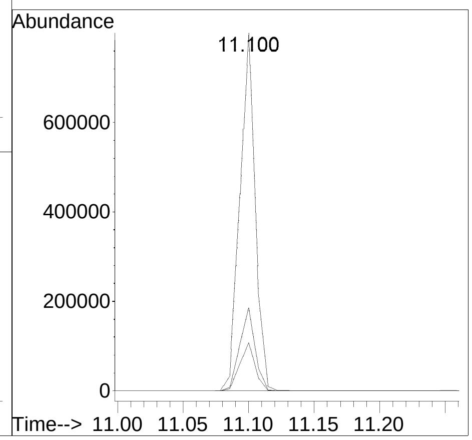


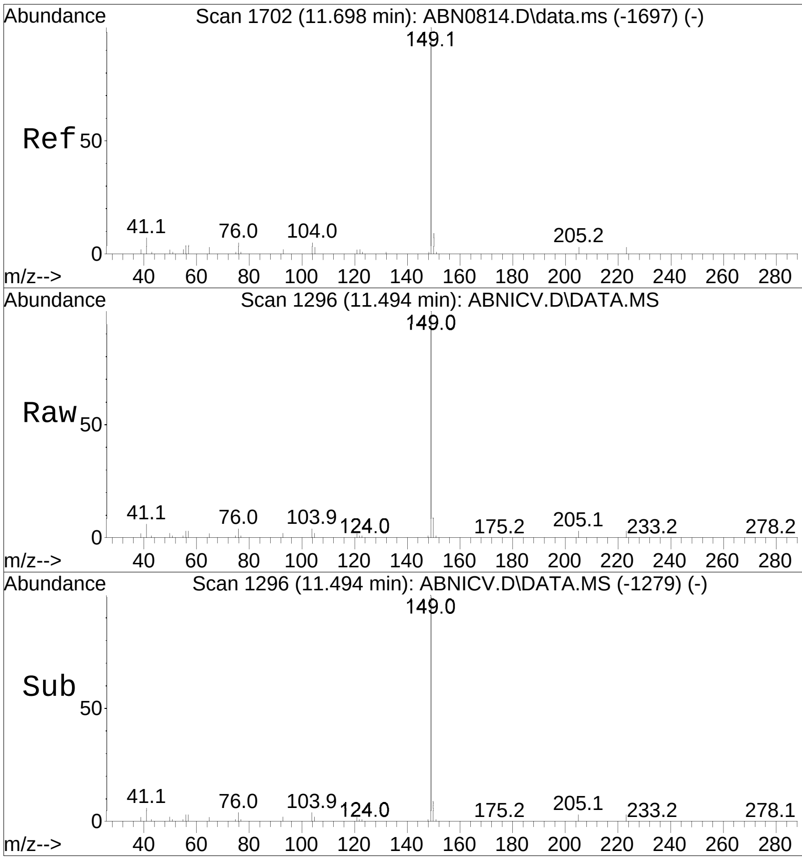


#91
Carbazole
Concen: 5.47 ug/ml
RT: 11.100 min Scan# 1242
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:167 Resp: 647707

Ion	Ratio	Lower	Upper
167	100		
168	13.5	10.6	15.8
166	23.3	17.4	26.0

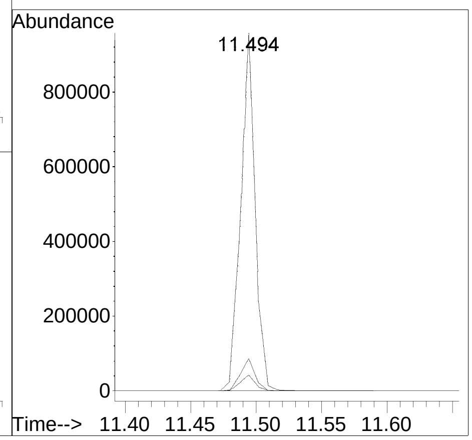


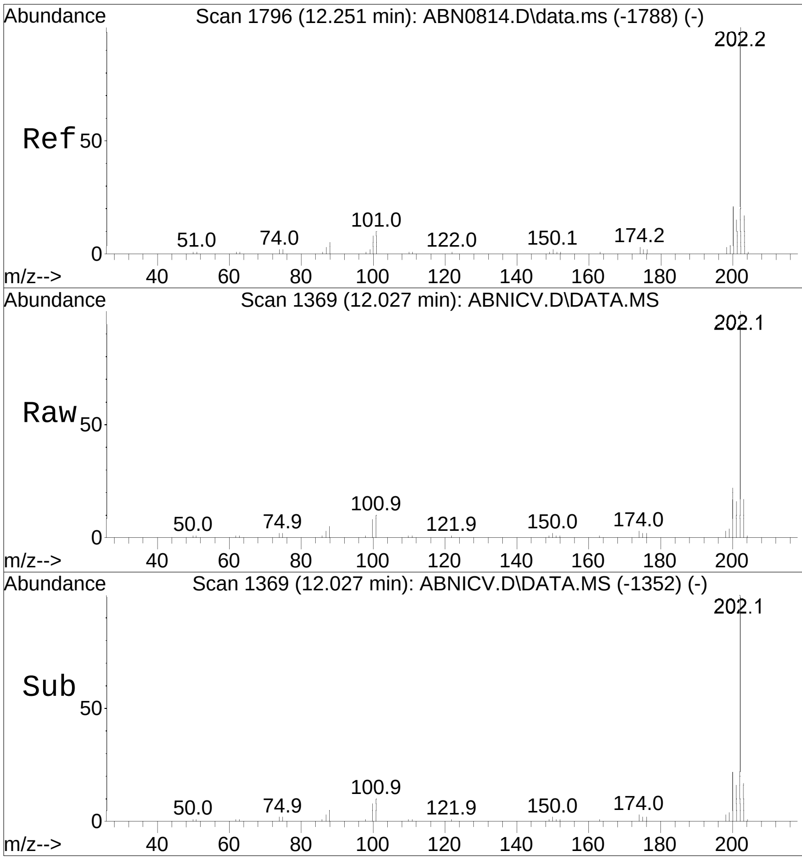


#92
Di-n-butylphthalate
Concen: 5.95 ug/ml
RT: 11.494 min Scan# 1296
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:149 Resp: 722098

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	4.9	4.5	6.7

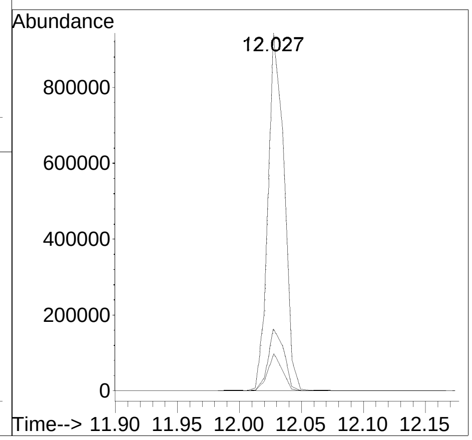


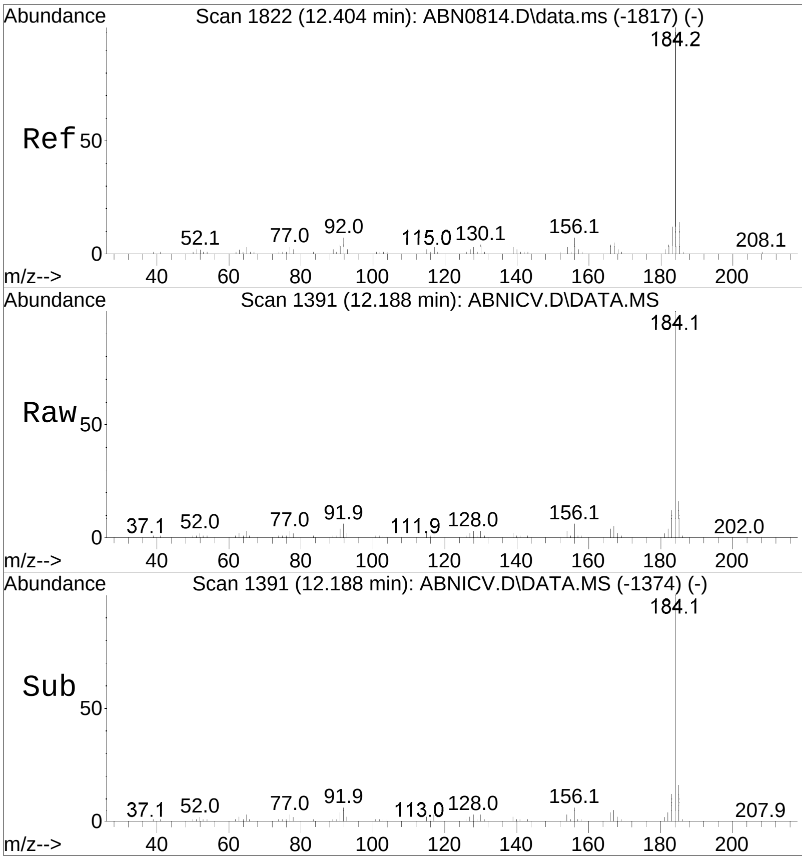


#93
Fluoranthene
Concen: 5.63 ug/ml
RT: 12.027 min Scan# 1369
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:202 Resp: 847592

Ion	Ratio	Lower	Upper
202	100		
101	9.6	13.5	20.3#
203	17.5	13.6	20.4

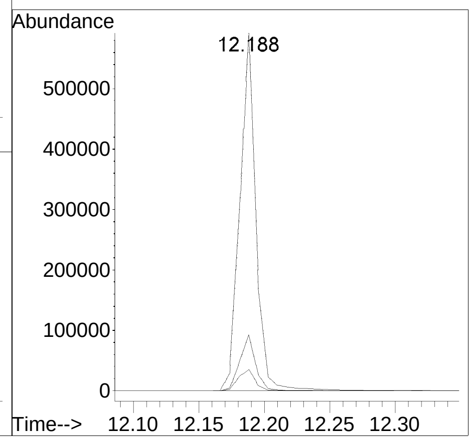


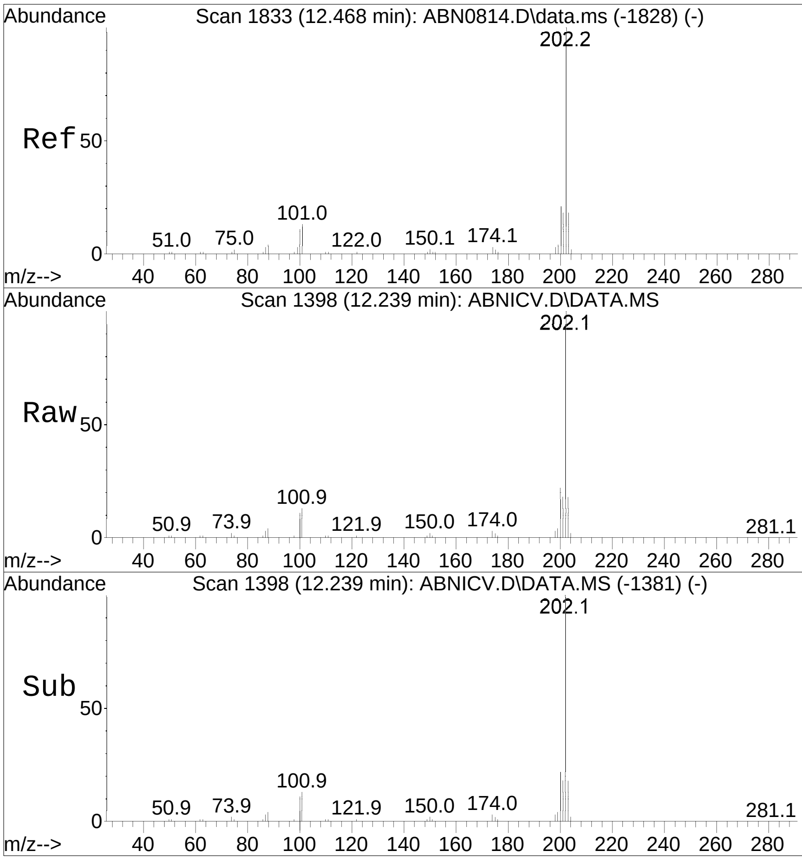


#94
Benzidine
Concen: 5.30 ug/ml
RT: 12.188 min Scan# 1391
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:184 Resp: 499202

Ion	Ratio	Lower	Upper
184	100		
92	6.5	9.1	13.7#
185	15.7	11.1	16.7

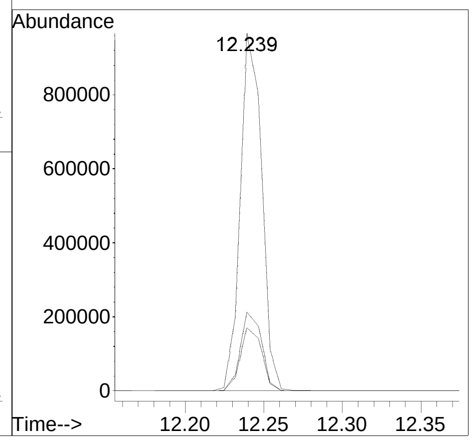


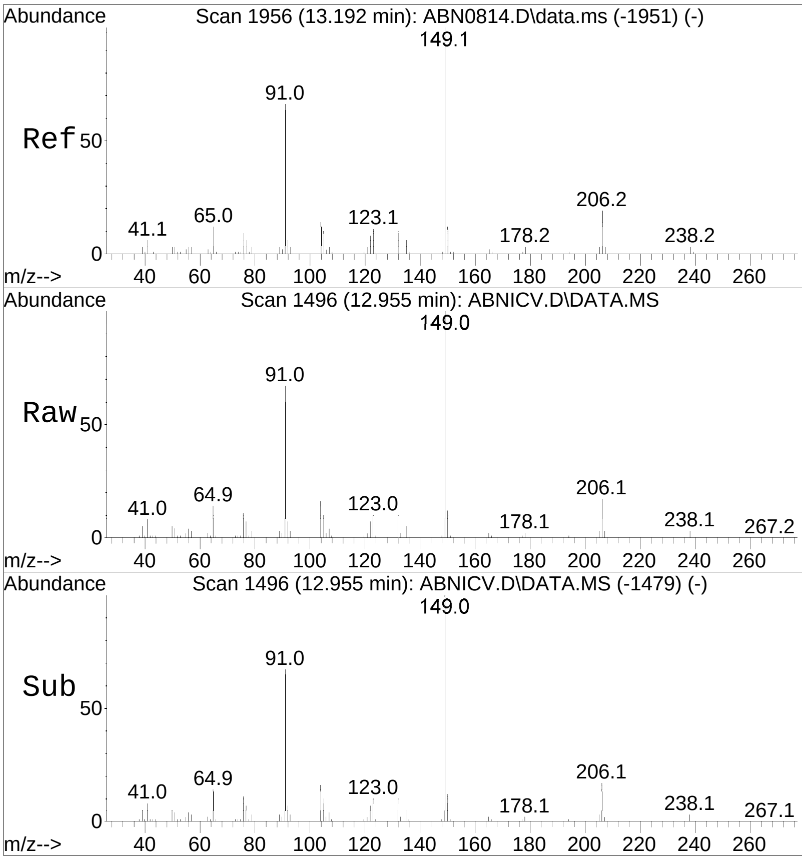


#95
Pyrene
Concen: 5.79 ug/ml
RT: 12.239 min Scan# 1398
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:202 Resp: 915124

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	17.8	14.2	21.4

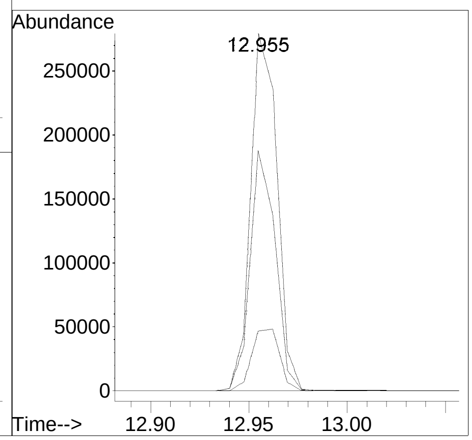


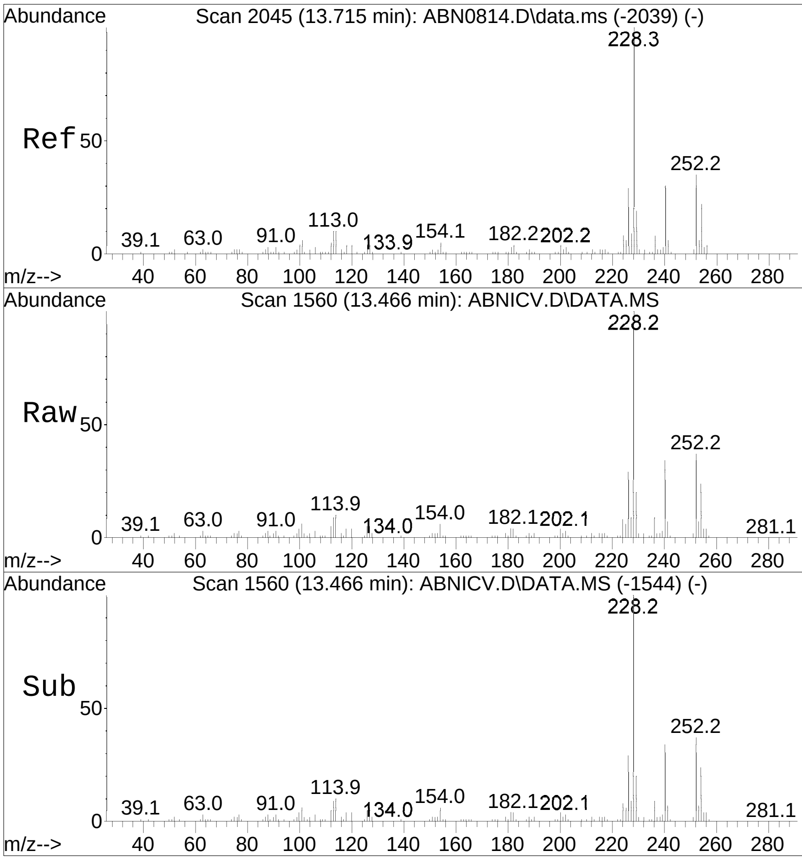


#97
Butyl benzyl phthalate
Concen: 4.41 ug/ml
RT: 12.955 min Scan# 1496
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:149 Resp: 260720

Ion	Ratio	Lower	Upper
149	100		
91	64.3	63.3	94.9
206	18.5	13.9	20.9

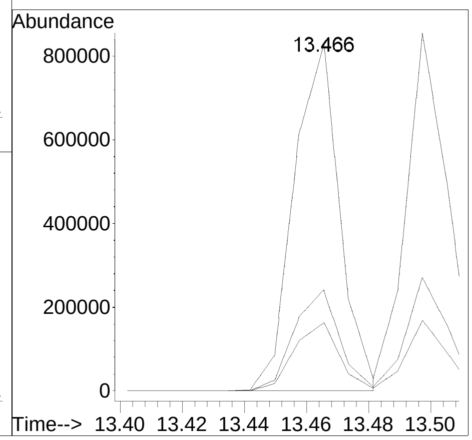


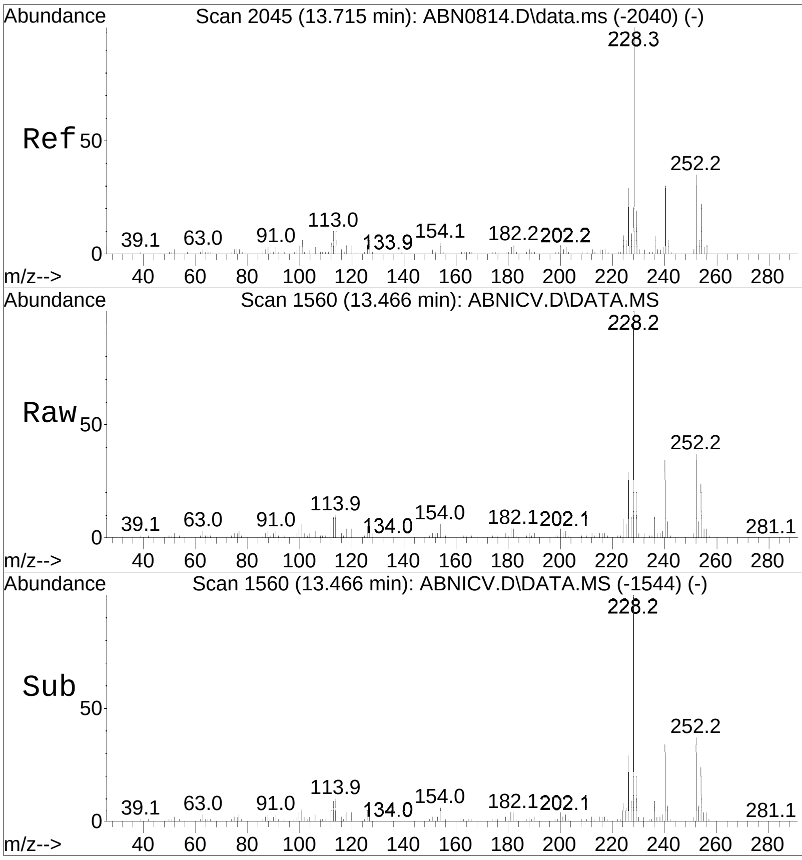


#105
Benzo(a)anthracene
Concen: 5.39 ug/ml
RT: 13.466 min Scan# 1560
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:228 Resp: 845857

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.2	33.4
229	19.5	15.6	23.4

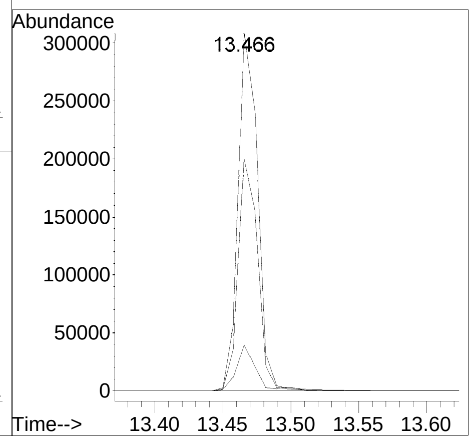


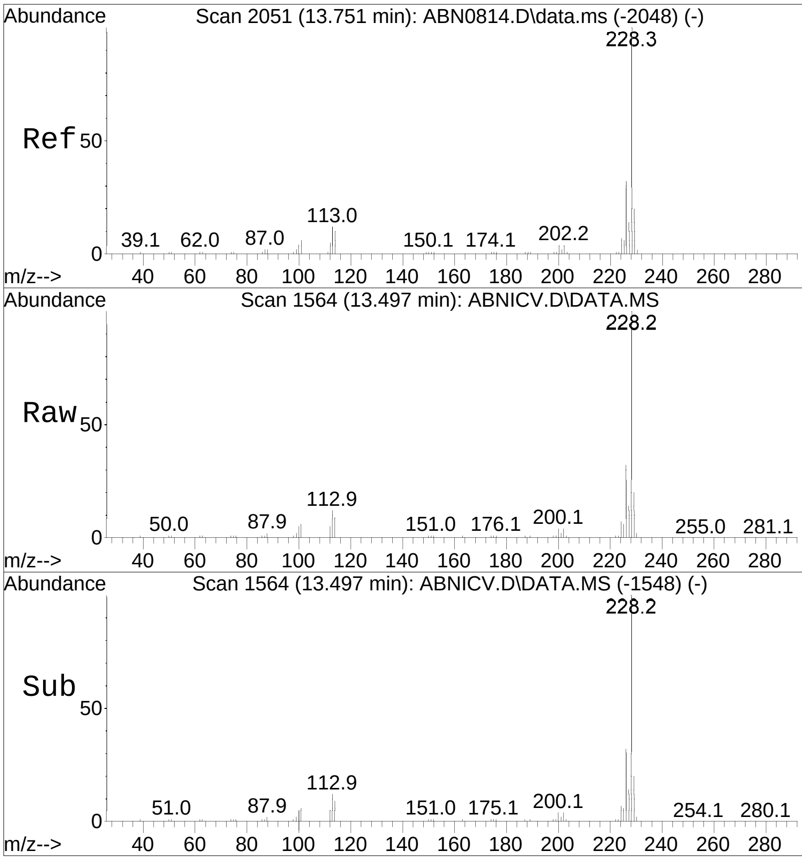


#106
3,3'-Dichlorobenzidine
Concen: 6.13 ug/ml
RT: 13.466 min Scan# 1560
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:252 Resp: 309920

Ion	Ratio	Lower	Upper
252	100		
126	12.7	14.5	21.7#
254	65.0	51.2	76.8

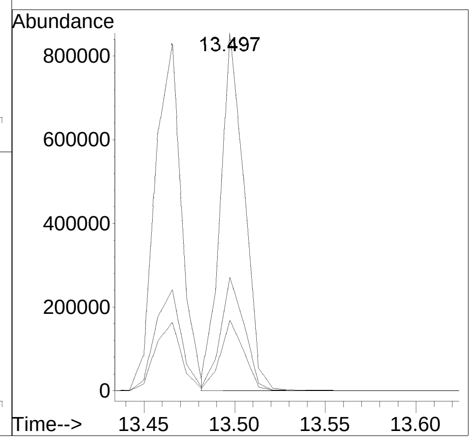


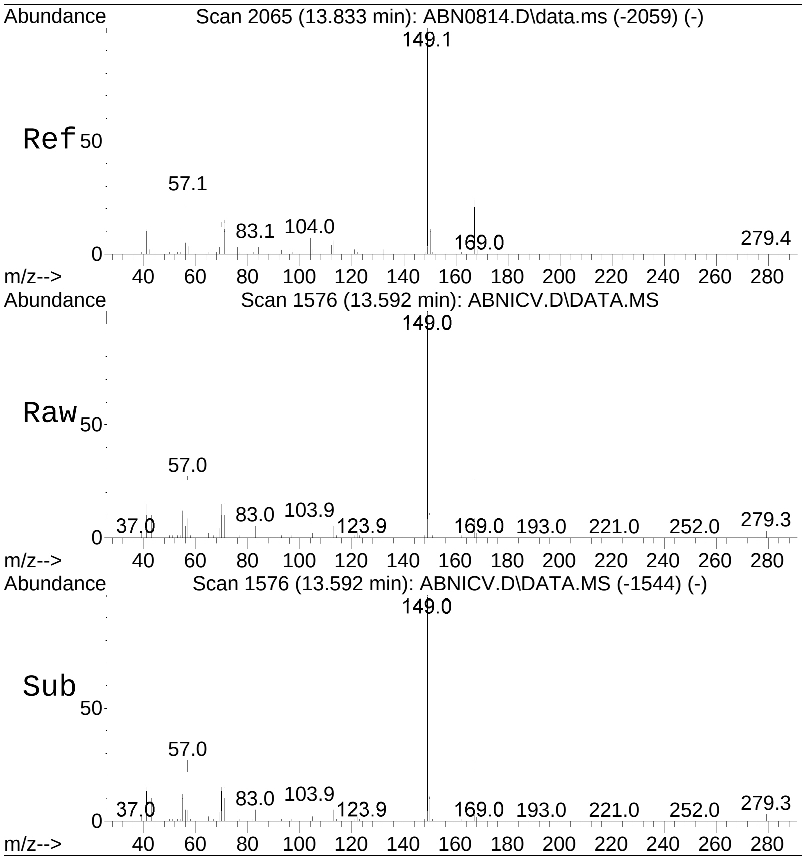


#107
Chrysene
Concen: 5.07 ug/ml
RT: 13.497 min Scan# 1564
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:228 Resp: 784428

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.0	36.0
229	19.4	15.8	23.8

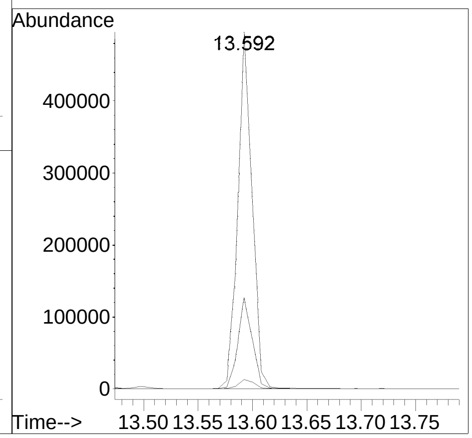


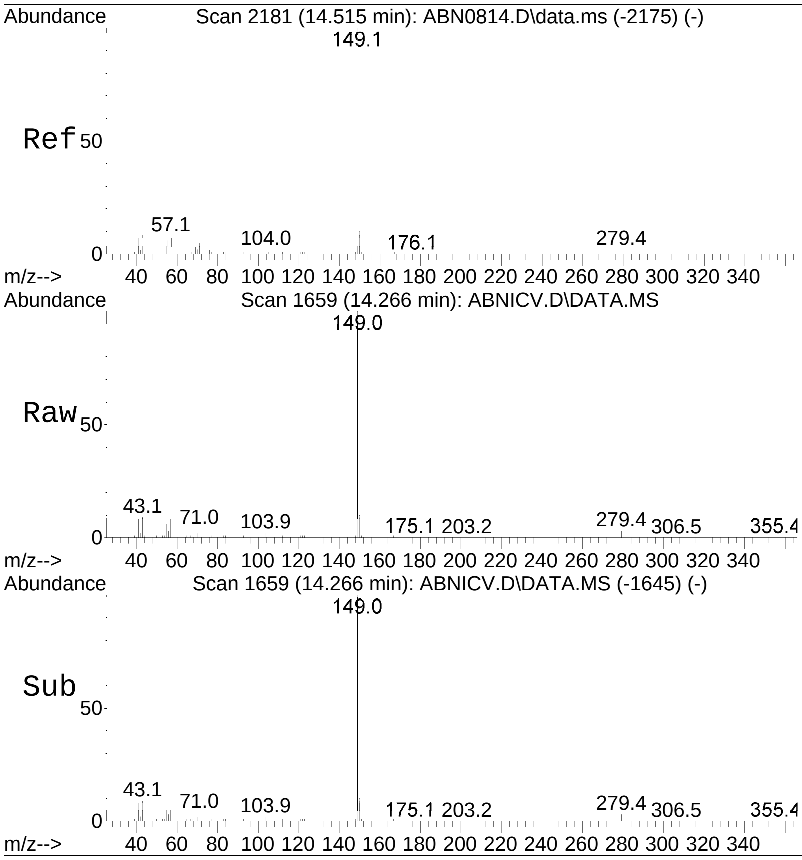


#108
Bis(2-ethylhexyl)phthalate
Concen: 5.00 ug/ml
RT: 13.592 min Scan# 1576
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:149 Resp: 446612

Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.1	33.1
279	2.7	3.0	4.4#

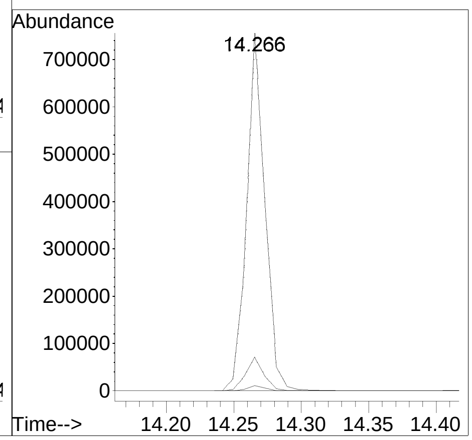


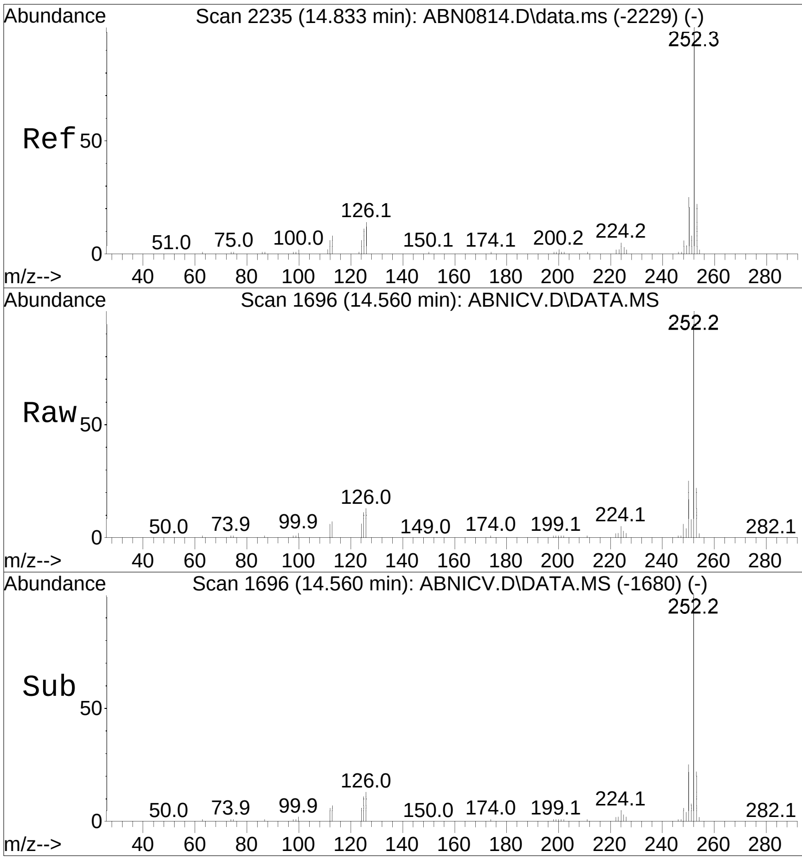


#109
Di-n-octylphthalate
Concen: 4.81 ug/ml
RT: 14.266 min Scan# 1659
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:149 Resp: 703691

Ion	Ratio	Lower	Upper
149	100		
43	9.6	18.8	28.2#
167	1.4	1.3	1.9

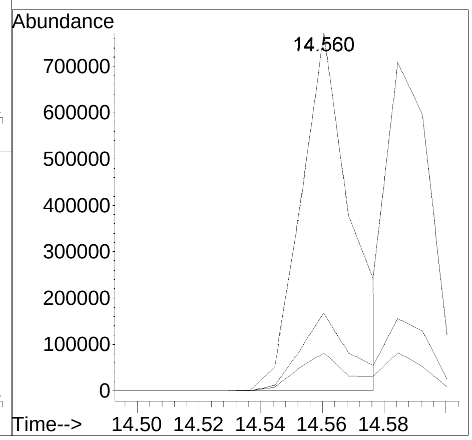


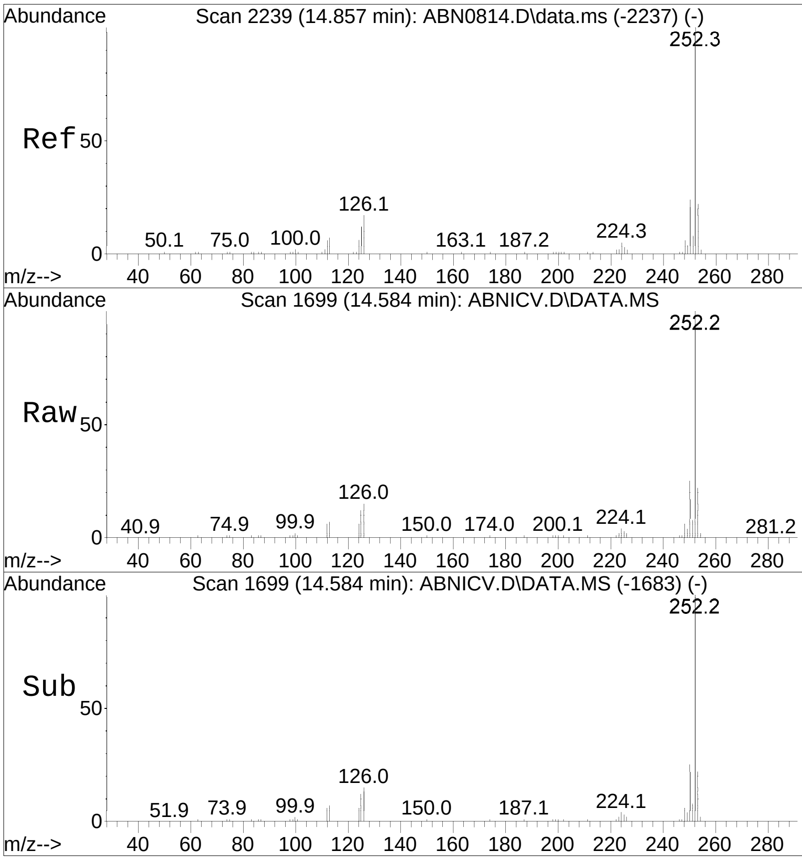


#110
Benzo(b)fluoranthene
Concen: 5.76 ug/ml
RT: 14.560 min Scan# 1696
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:252 Resp: 875200

Ion	Ratio	Lower	Upper
252	100		
125	11.2	13.3	19.9#
253	22.0	17.1	25.7

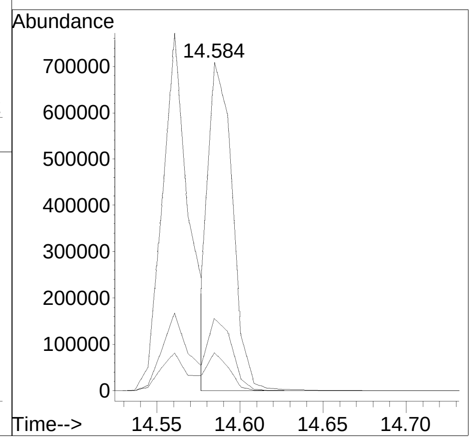


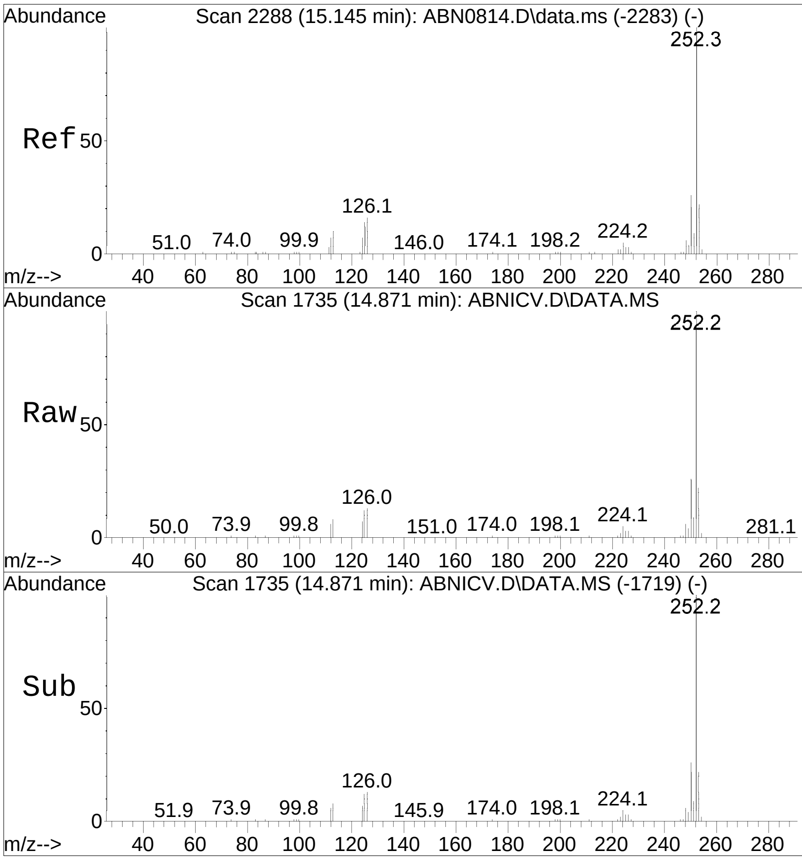


#111
Benzo(k)fluoranthene
Concen: 5.28 ug/ml
RT: 14.584 min Scan# 1699
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:252 Resp: 695733

Ion	Ratio	Lower	Upper
252	100		
125	10.0	13.0	19.6#
253	21.7	16.8	25.2

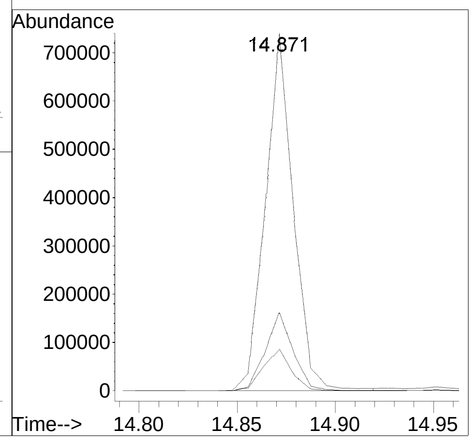


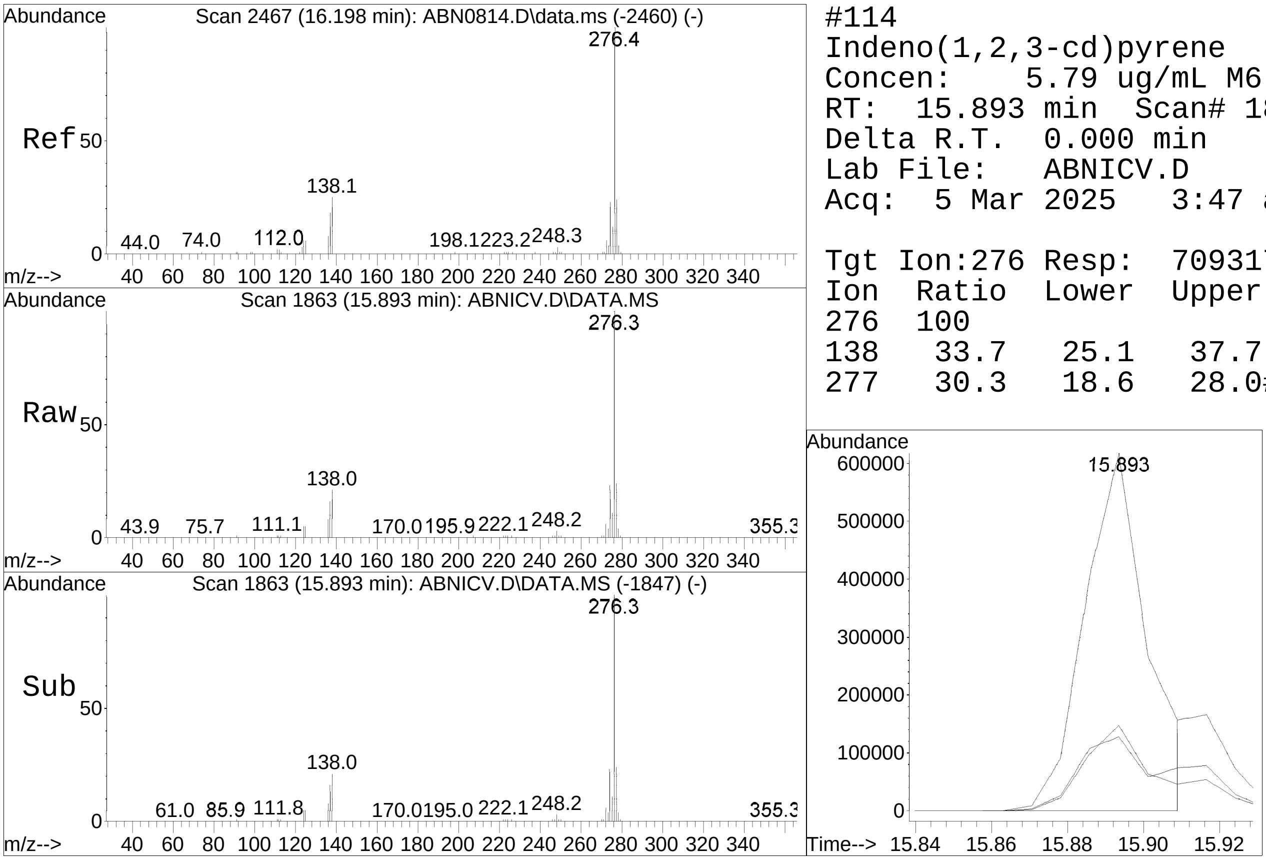


#112
Benzo(a)pyrene
Concen: 5.73 ug/ml
RT: 14.871 min Scan# 1735
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:252 Resp: 726694

Ion	Ratio	Lower	Upper
252	100		
125	11.9	14.2	21.2#
253	21.9	16.9	25.3

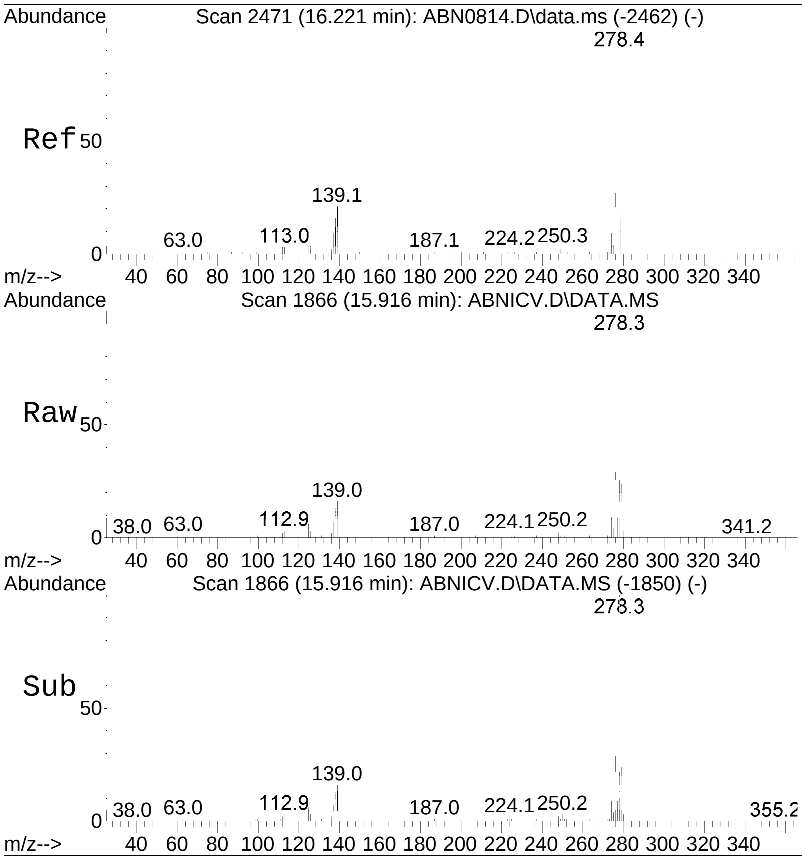




#114
Indeno(1,2,3-cd)pyrene
Concen: 5.79 ug/mL M6
RT: 15.893 min Scan# 1863
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:276 Resp: 709317

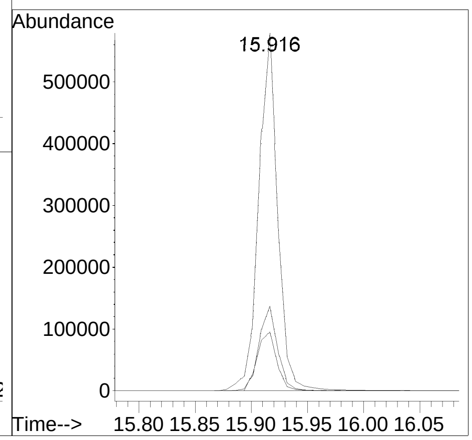
Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.1	37.7
277	30.3	18.6	28.0#

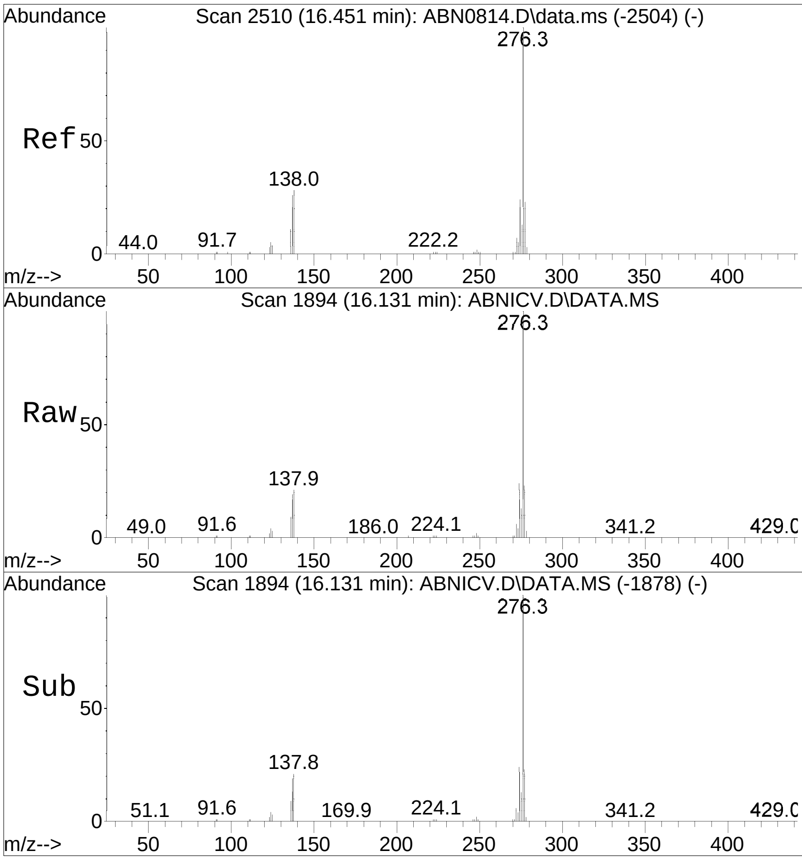


#115
Dibenzo(a,h)anthracene
Concen: 5.57 ug/ml
RT: 15.916 min Scan# 1866
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:278 Resp: 679154

Ion	Ratio	Lower	Upper
278	100		
139	17.3	20.8	31.2#
279	23.5	18.3	27.5

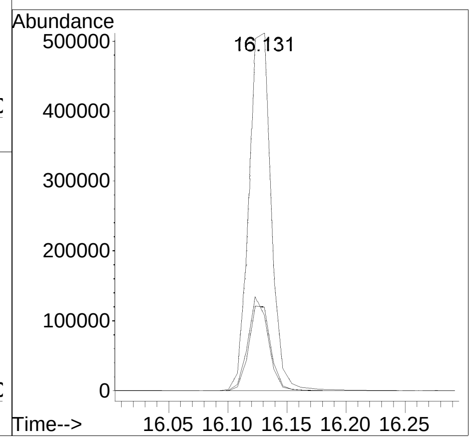




#116
Benzo(ghi)perylene
Concen: 5.41 ug/ml
RT: 16.131 min Scan# 1894
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Mar 2025 3:47 am

Tgt Ion:276 Resp: 665988

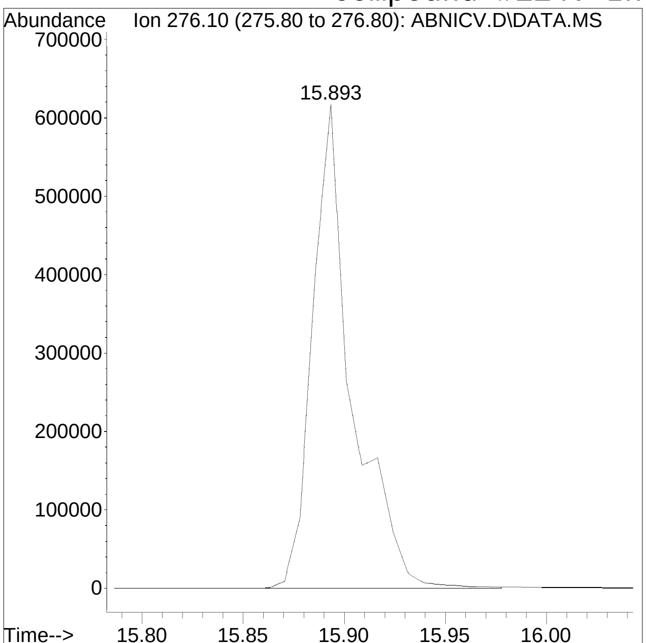
Ion	Ratio	Lower	Upper
276	100		
138	24.4	29.2	43.8#
277	23.8	18.8	28.2

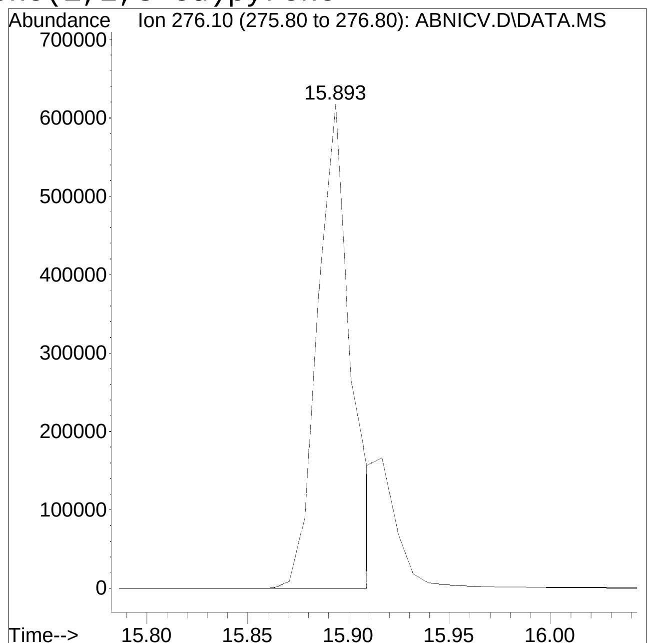


Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : ABNICV.D                   Operator    : SV107:mrg
Date Inj'd  : 3/5/2025  3:47 am          Instrument  : SV107
Sample      : CQICV1,32,,ABNICV Lot# 114Quant Date  : 3/5/2025  2:28 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 837424 Manual Peak Response = 709317 M6

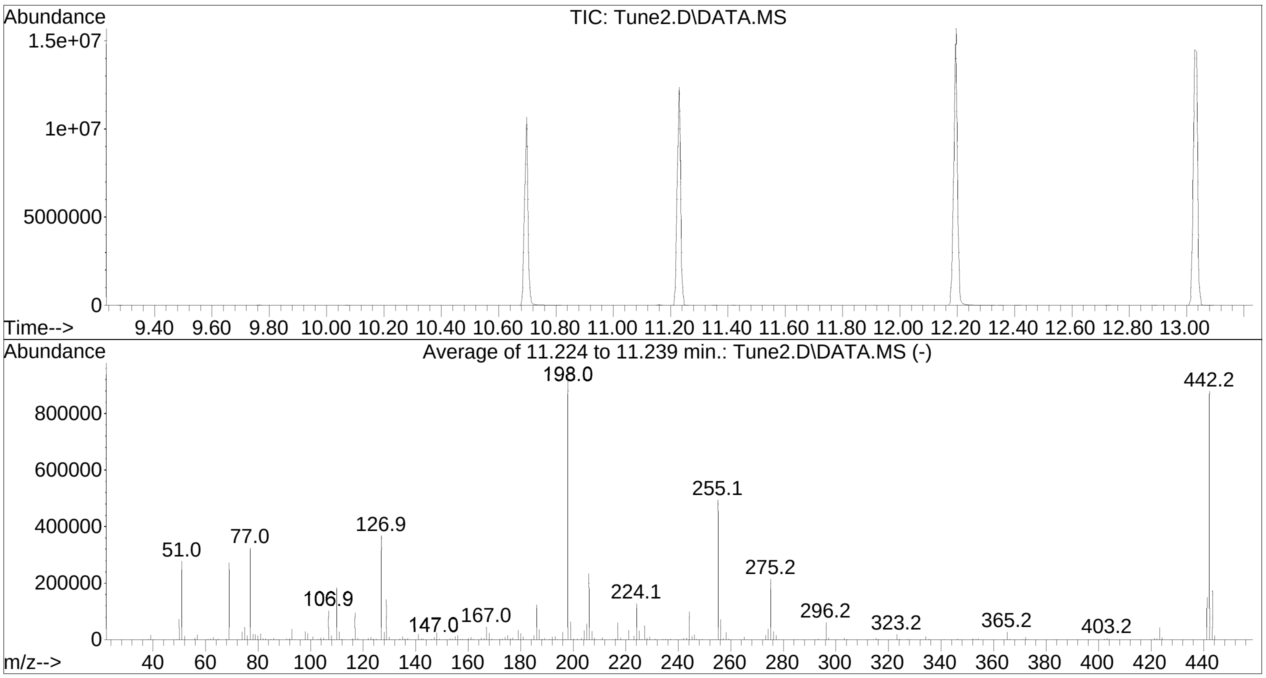
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

DFTPP

Data Path : I:\8270\SV107\250304ical\
Data File : Tune2.D
Acq On : 5 Mar 2025 4:38 am
Operator : SV107:mrg
Sample : Tune lot #11424
Misc : WG2037043
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 05 14:58:54 2025



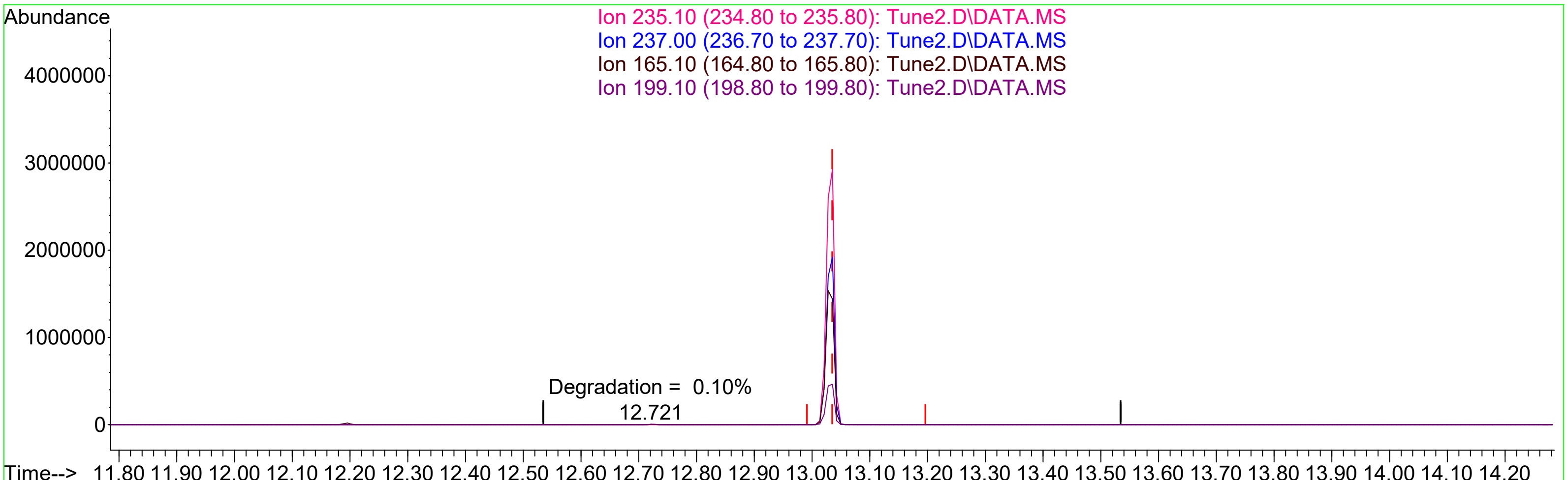
Spectrum Information: Average of 11.224 to 11.239 min.

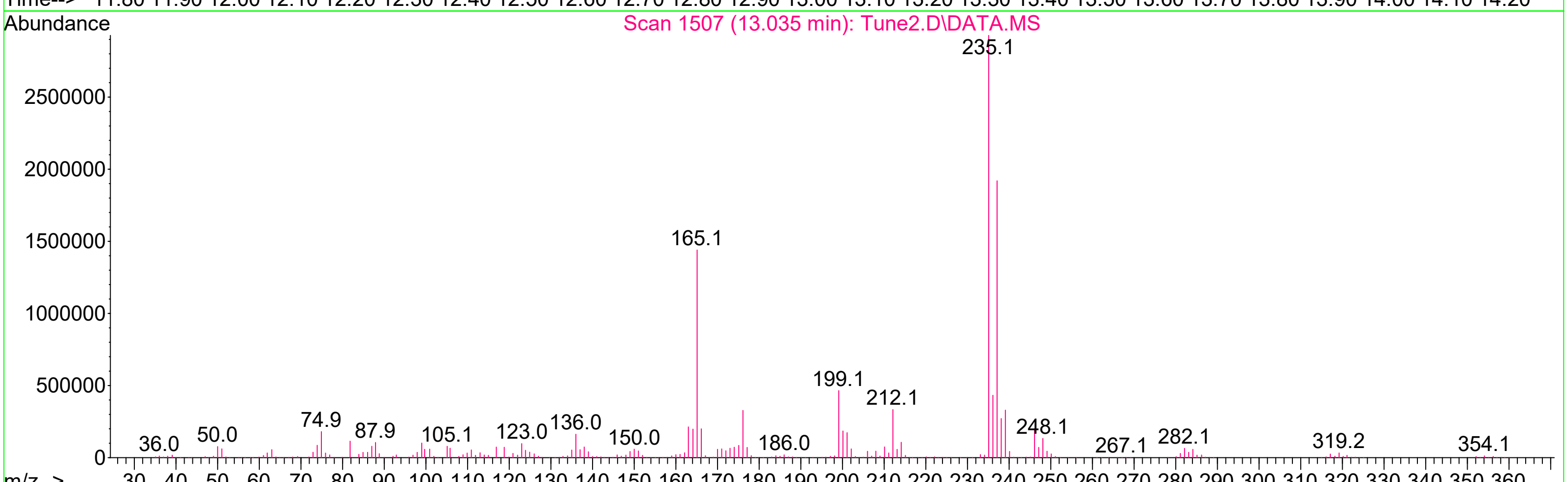
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.8	277592	PASS
68	69	0.00	2	1.5	4004	PASS
69	69	100	100	100.0	271813	PASS
70	69	0.00	2	0.5	1273	PASS
127	198	10	80	39.4	367565	PASS
197	198	0.00	2	0.4	3647	PASS
198	198	100	100	100.0	931904	PASS
199	198	5	9	6.7	62453	PASS
275	198	10	60	23.1	215096	PASS
365	198	1	100	2.9	27156	PASS
441	442	0.01	24	17.1	150019	PASS
442	198	50	100	94.3	878720	PASS
443	442	15	24	19.8	173763	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV107\250304ical\
Data File : Tune2.D
Acq On : 5 Mar 2025 4:38 am
Operator : SV107:mrg
Sample : Tune lot #11424
Misc : WG2037043
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 05 13:36:40 2025
Quant Method : I:\8270\SV107\250304ical\DftppSV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 04 11:33:21 2025
Response via : Initial Calibration





CHROMtools™ [Tune lot #11424]

(6) DDT (T)

13.035min (+ 0.000) 530.84

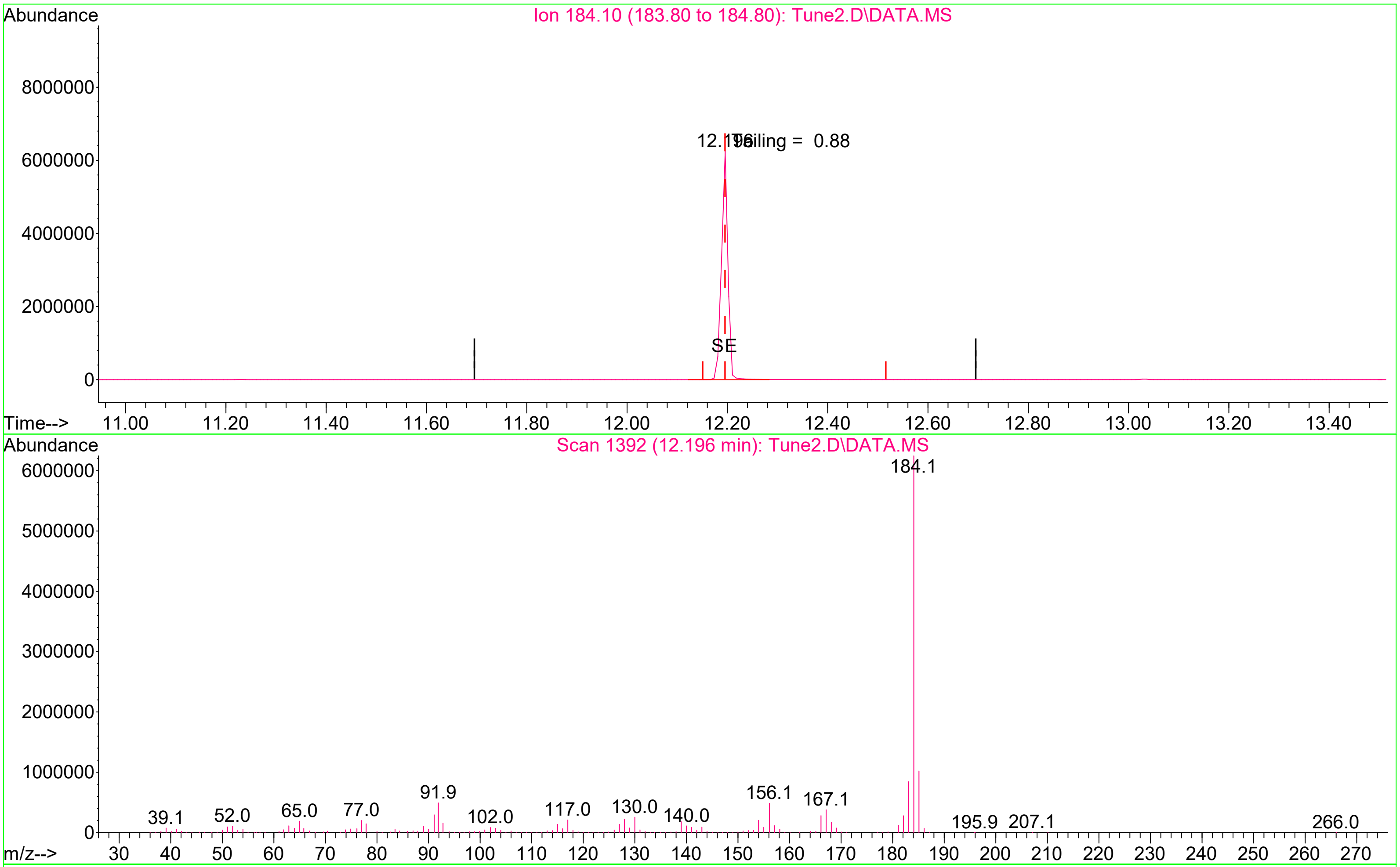
response 3235848

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.30	66.47
165.10	55.40	55.39
199.10	16.20	16.96

Quantitation Report (Qedit)

Data Path : I:\8270\SV107\250304ical\
Data File : Tune2.D
Acq On : 5 Mar 2025 4:38 am
Operator : SV107:mrg
Sample : Tune lot #11424
Misc : WG2037043
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 05 13:36:40 2025
Quant Method : I:\8270\SV107\250304ical\DftppSV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 04 11:33:21 2025
Response via : Initial Calibration



CHROMtools™ [Tune lot #11424]

(3) Benzidine (T)

12.196min (-0.000) 550.31

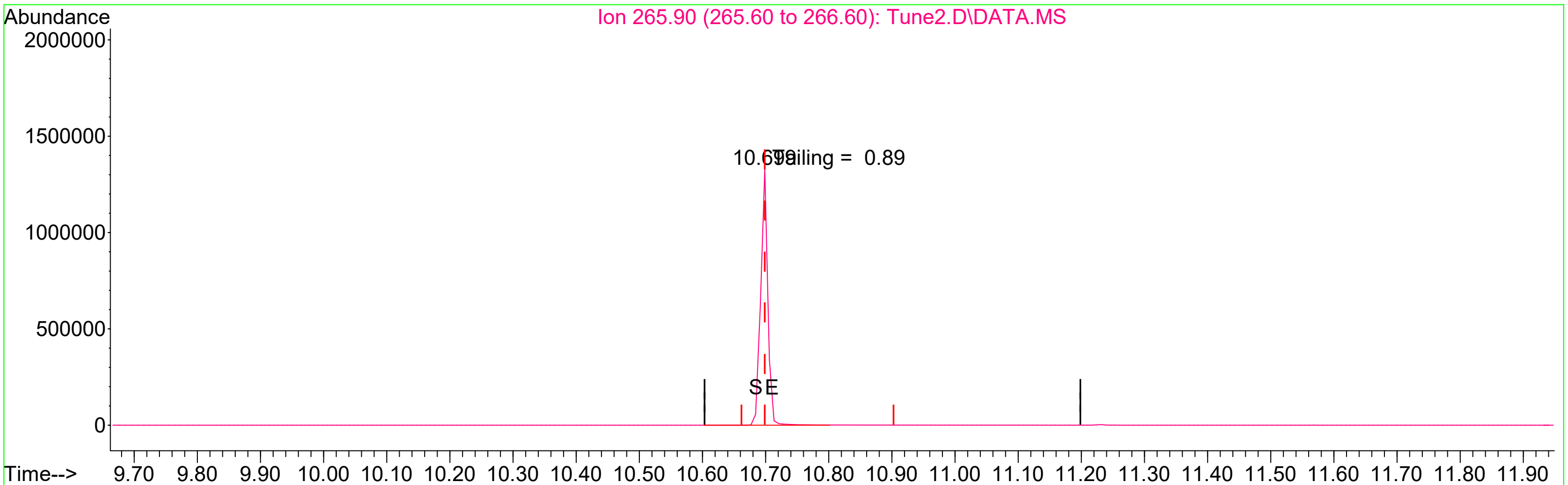
response 5602222

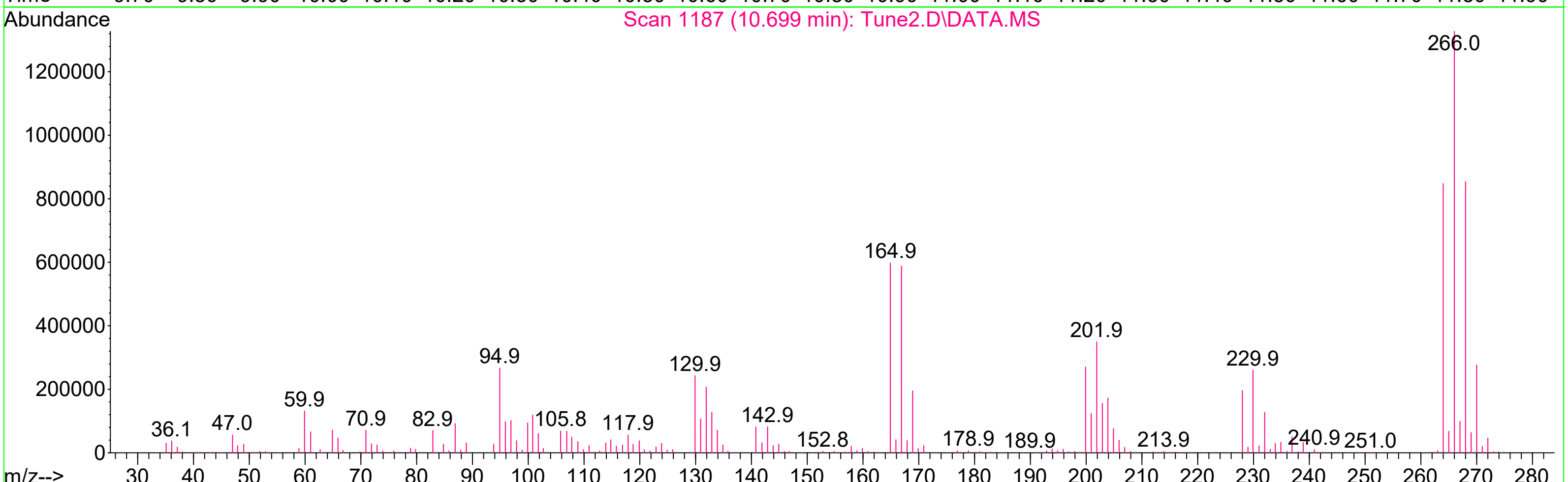
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV107\250304ical\
Data File : Tune2.D
Acq On : 5 Mar 2025 4:38 am
Operator : SV107:mrg
Sample : Tune lot #11424
Misc : WG2037043
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 05 13:36:40 2025
Quant Method : I:\8270\SV107\250304ical\DftppSV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 04 11:33:21 2025
Response via : Initial Calibration





CHROMtools™ [Tune lot #11424]

(1) Pentachlorophenol (T)

10.699min (-0.000) 499.95

response 1050077

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L9.D
Acq On : 5 Mar 2025 5:03 am
Operator : SV107:mrg
Sample : IL2,32,,AP9L50 Lot# 11434
Misc : WG2037043
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 05 14:54:08 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:54:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	6.222	152	99152	4.000 ug/ml	0.00
Standard Area 1 = 99449			Recovery	= 99.70%	
55) IS2_Naphthalene-d8	7.667	136	360835	4.000 ug/ml	0.00
Standard Area 1 = 339901			Recovery	= 106.16%	
83) IS2_Acenaphthene-d10	9.421	164	245615	4.000 ug/ml	0.00
Standard Area 1 = 224537			Recovery	= 109.39%	
98) IS2_Phenanthrene-d10	10.859	188	528445	4.000 ug/ml	# 0.00
Standard Area 1 = 484143			Recovery	= 109.15%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	5.627	105	1192165	56.862 ug/ml	96
29) Acetophenone	6.736	105	2120571	59.341 ug/ml#	84
30) m-Toluidine	6.841	106	2177019	70.664 ug/ml	96
31) 2-Chloroaniline	7.247	127	1985168	59.164 ug/ml#	93
56) a-Terpineol	7.747	59	1260360	62.826 ug/ml#	76
57) 3-Chloroaniline	7.761	65	675517	56.360 ug/ml	93
58) 2,6-Dichlorophenol	7.790	162	1508019	59.338 ug/ml	95
59) 1-chloro-2-nitrobenzene	8.056	111	646575	65.197 ug/ml#	1
60) Caprolactam	8.128	55	771957	74.921 ug/ml#	75
61) 1,2,4,5-Tetrachloroben...	8.579	216	1922797	49.783 ug/ml	98
62) Biphenyl	8.885	154	4588086	52.787 ug/ml	96
84) Dichloran	10.566	206	728851	93.546 ug/ml#	63
85) Pentachloronitrobenzene	10.713	237	618044	73.018 ug/ml#	81
99) Diphenamid	11.772	167	3653159	75.465 ug/ml#	73

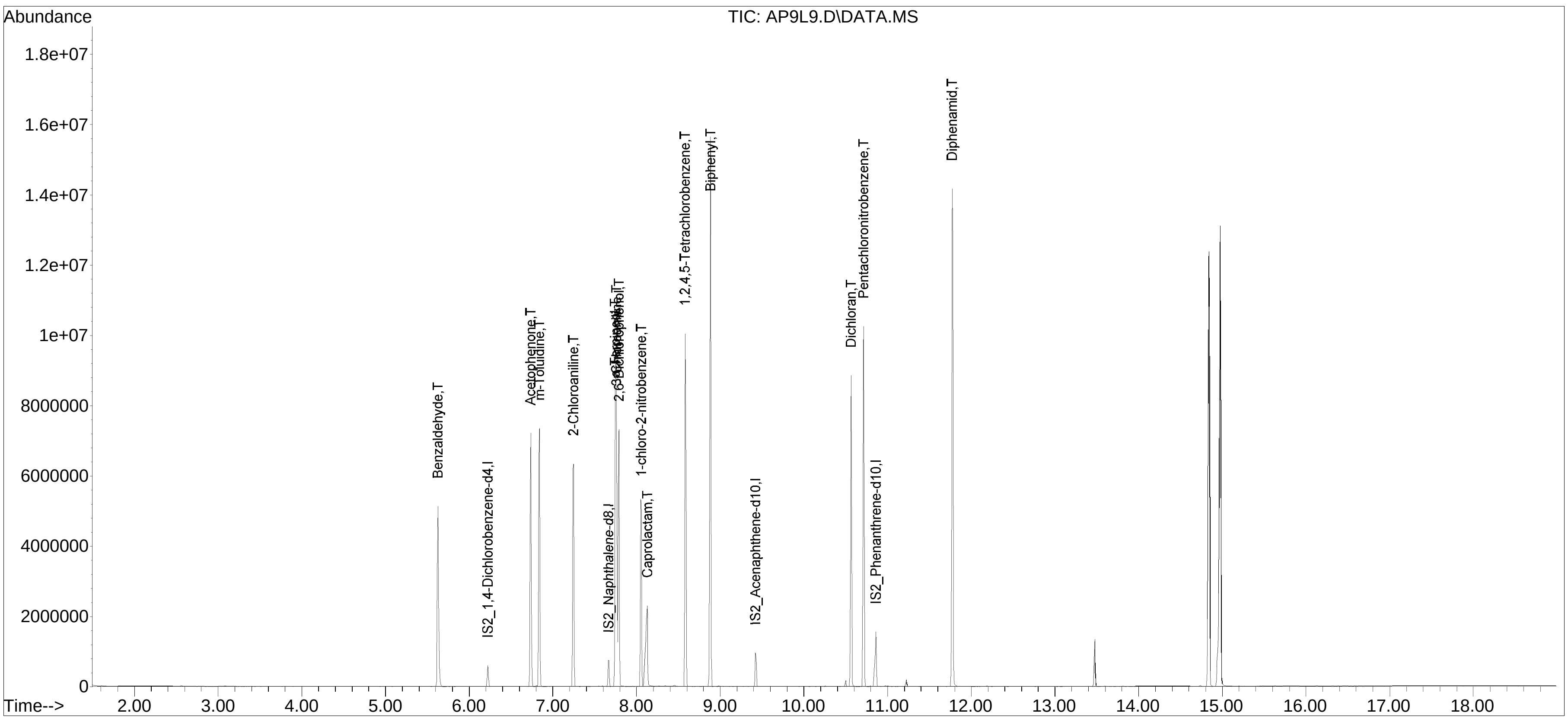
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L9.D
Acq On   : 5 Mar 2025   5:03 am
Operator : SV107:mrg
Sample   : IL2,32,,AP9L50 Lot# 11434
Misc   : WG2037043
ALS Vial : 17   Sample Multiplier: 1

Quant Time: Mar 05 14:54:08 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:54:39 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistal\AP9L6.D•



FS250303SV107RVT.m Wed Mar 05 15:28:08 2025   Page: 2

Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : AP9L9.D                    Operator    : SV107:mrg
Date Inj'd  : 3/5/2025  5:03 am          Instrument  : SV107
Sample      : IL2,32,,AP9L50 Lot# 11434 Quant Date  : 3/5/2025  2:54 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L8.D
Acq On : 5 Mar 2025 5:29 am
Operator : SV107:mrg
Sample : IL3,32,,AP9L25 Lot# 11435
Misc : WG2037043
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 05 14:53:18 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:53:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	6.222	152	101130	4.000 ug/ml	0.00
Standard Area 1 = 99449			Recovery =	101.69%	
55) IS2_Naphthalene-d8	7.660	136	366606	4.000 ug/ml	0.00
Standard Area 1 = 339901			Recovery =	107.86%	
83) IS2_Acenaphthene-d10	9.421	164	246614	4.000 ug/ml	0.00
Standard Area 1 = 224537			Recovery =	109.83%	
98) IS2_Phenanthrene-d10	10.859	188	524765	4.000 ug/ml	# 0.00
Standard Area 1 = 484143			Recovery =	108.39%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	5.627	105	643404	30.989 ug/ml	95
29) Acetophenone	6.736	105	1149411	32.759 ug/ml#	84
30) m-Toluidine	6.834	106	1166130	40.371 ug/ml	95
31) 2-Chloroaniline	7.239	127	1064636	32.234 ug/ml#	93
56) a-Terpineol	7.747	59	664975	34.112 ug/ml#	77
57) 3-Chloroaniline	7.761	65	368165	31.166 ug/ml	91
58) 2,6-Dichlorophenol	7.783	162	814713	32.781 ug/ml	95
59) 1-chloro-2-nitrobenzene	8.049	111	337657	35.224 ug/ml#	1
60) Caprolactam	8.114	55	407295	42.266 ug/ml#	76
61) 1,2,4,5-Tetrachloroben...	8.579	216	1038890	26.699 ug/ml	99
62) Biphenyl	8.885	154	2506019	28.937 ug/ml	98
84) Dichloran	10.566	206	381228	56.377 ug/ml#	61
85) Pentachloronitrobenzene	10.713	237	319972	40.583 ug/ml#	82
99) Diphenamid	11.772	167	1879201	42.516 ug/ml#	75

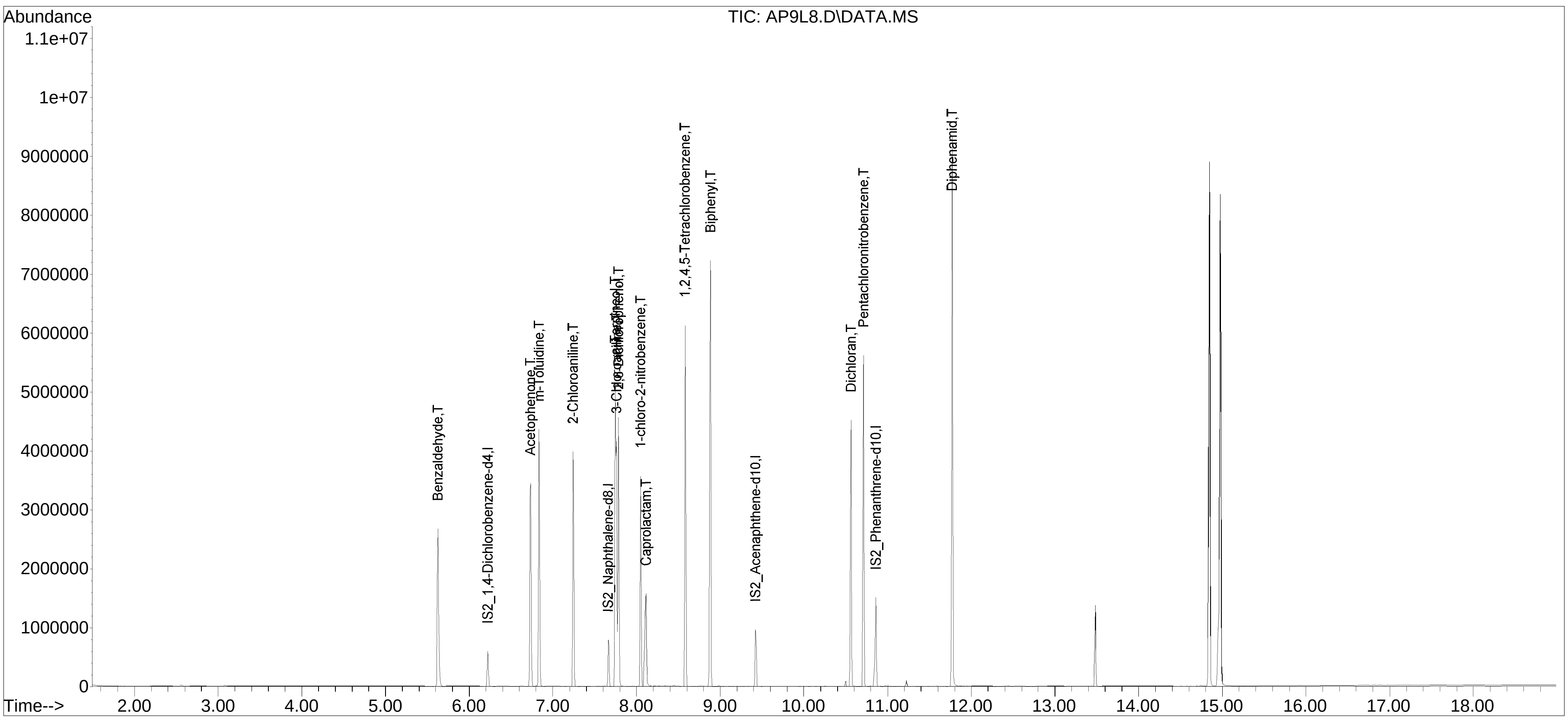
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L8.D
Acq On : 5 Mar 2025 5:29 am
Operator : SV107:mrg
Sample : IL3,32,,AP9L25 Lot# 11435
Misc : WG2037043
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 05 14:53:18 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:53:56 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: AP9L8.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 5:29 am	Instrument	: SV107
Sample	: IL3,32,,AP9L25 Lot# 11435	Quant Date	: 3/5/2025 2:54 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L7.D
Acq On : 5 Mar 2025 5:54 am
Operator : SV107:mrg
Sample : IL4,32,,AP9L10 Lot# 11436
Misc : WG2037043
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 05 14:52:42 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:53:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	6.222	152	96359	4.000 ug/ml	0.00
Standard Area 1 = 99449			Recovery =	96.89%	
55) IS2_Naphthalene-d8	7.660	136	351491	4.000 ug/ml	0.00
Standard Area 1 = 339901			Recovery =	103.41%	
83) IS2_Acenaphthene-d10	9.421	164	229827	4.000 ug/ml	0.00
Standard Area 1 = 224537			Recovery =	102.36%	
98) IS2_Phenanthrene-d10	10.859	188	508842	4.000 ug/ml	# 0.00
Standard Area 1 = 484143			Recovery =	105.10%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	5.627	105	211700	10.828 ug/ml	95
29) Acetophenone	6.736	105	372259	11.349 ug/ml#	85
30) m-Toluidine	6.834	106	373242	14.601 ug/ml	95
31) 2-Chloroaniline	7.239	127	349643	11.320 ug/ml#	93
56) a-Terpineol	7.739	59	204336	11.106 ug/ml#	76
57) 3-Chloroaniline	7.754	65	122503	10.965 ug/ml	90
58) 2,6-Dichlorophenol	7.783	162	268987	11.536 ug/ml	95
59) 1-chloro-2-nitrobenzene	8.049	111	104588	11.648 ug/ml#	1
60) Caprolactam	8.099	55	123442	14.153 ug/ml#	76
61) 1,2,4,5-Tetrachloroben...	8.579	216	358176	9.537 ug/ml	98
62) Biphenyl	8.876	154	812026	9.744 ug/ml	98
84) Dichloran	10.558	206	89284	15.226 ug/ml#	71
85) Pentachloronitrobenzene	10.713	237	98267	14.171 ug/ml#	82
99) Diphenamid	11.765	167	582703	14.463 ug/ml#	74

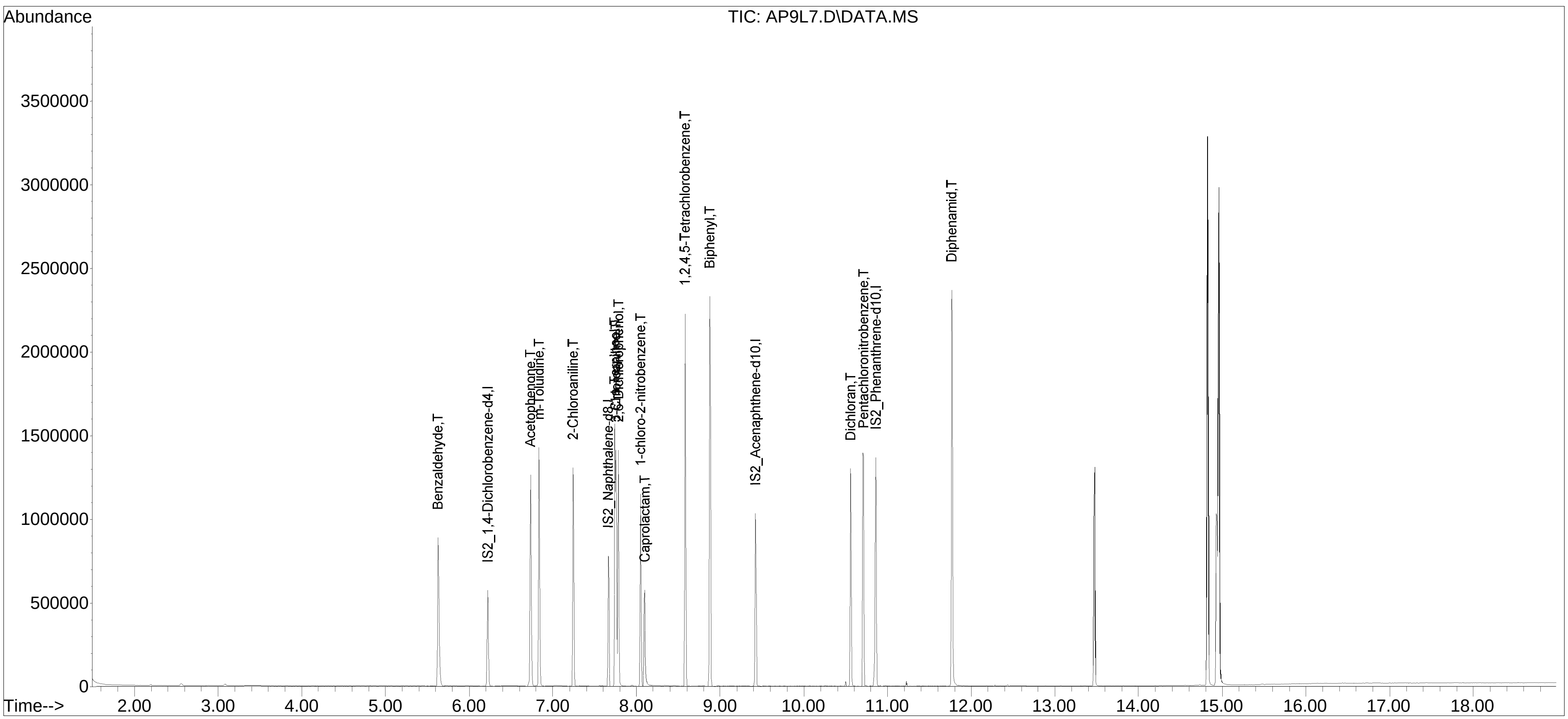
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L7.D
Acq On   : 5 Mar 2025   5:54 am
Operator : SV107:mrg
Sample   : IL4,32,,AP9L10 Lot# 11436
Misc   : WG2037043
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Mar 05 14:52:42 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:53:19 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistal\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: AP9L7.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 5:54 am	Instrument	: SV107
Sample	: IL4,32,,AP9L10 Lot# 11436	Quant Date	: 3/5/2025 2:53 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : AP9L6.D
Acq On    :  5 Mar 2025   6:20 am
Operator  : SV107:mrg
Sample    : IL5,32,,AP9L5 Lot# 11437
Misc      : WG2037043
ALS Vial  : 20   Sample Multiplier: 1

Quant Time: Mar 06 06:38:43 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 06:39:42 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   6.222  152     99449     4.000 ug/ml    0.00
   Standard Area 1 = 99449                 Recovery   =  100.00%
55) IS2_Naphthalene-d8          7.660  136    339901     4.000 ug/ml    0.00
   Standard Area 1 = 339901                 Recovery   =  100.00%
83) IS2_Acenaphthene-d10        9.421  164    224537     4.000 ug/ml    0.00
   Standard Area 1 = 224537                 Recovery   =  100.00%
98) IS2_Phenanthrene-d10       10.859  188    484143     4.000 ug/ml  # 0.00
   Standard Area 1 = 484143                 Recovery   =  100.00%

 System Monitoring Compounds

 Target Compounds                                                     Qvalue
28) Benzaldehyde                5.636  105    103717      4.858 ug/ml     97
29) Acetophenone                6.736  105    181278      4.955 ug/ml#    86
30) m-Toluidine                 6.834  106    175658      4.711 ug/ml     94
31) 2-Chloroaniline             7.239  127    165433      4.818 ug/ml#    94
56) a-Terpineol                 7.739   59     95192      4.898 ug/ml#    74
57) 3-Chloroaniline             7.754   65     59278      5.177 ug/ml     91
58) 2,6-Dichlorophenol          7.783  162    124670      5.102 ug/ml     96
59) 1-chloro-2-nitrobenzene     8.049  111     48879      5.061 ug/ml#     1
60) Caprolactam                 8.092   55     53572      4.159 ug/ml#    76
61) 1,2,4,5-Tetrachloroben...   8.579  216    177963      4.894 ug/ml     98
62) Biphenyl                    8.876  154    397660      4.827 ug/ml     98
84) Dichloran                  10.558  206     34901      3.872 ug/ml#    74
85) Pentachloronitrobenzene    10.713  237     41812      4.398 ug/ml#    81
99) Diphenamid                 11.765  167    243922      4.121 ug/ml#    74
 ---------------------------------------------------------------------------

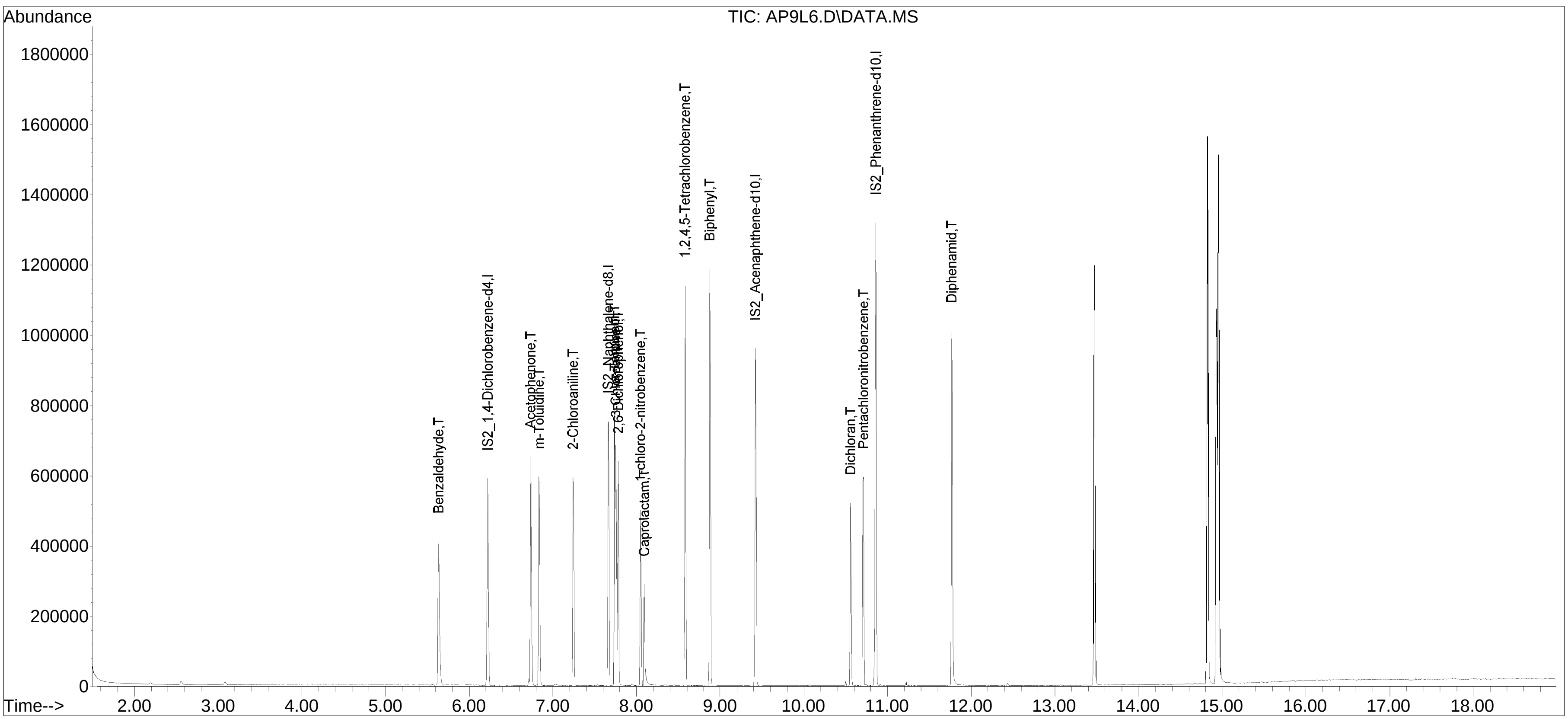
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L6.D
Acq On   : 5 Mar 2025   6:20 am
Operator : SV107:mrg
Sample   : IL5,32,,AP9L5 Lot# 11437
Misc   : WG2037043
ALS Vial : 20   Sample Multiplier: 1

Quant Time: Mar 06 06:38:43 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 06:39:42 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistal\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: AP9L6.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 6:20 am	Instrument	: SV107
Sample	: IL5,32,,AP9L5 Lot# 11437	Quant Date	: 3/6/2025 6:39 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : AP9L5.D
Acq On    :  5 Mar 2025   6:45 am
Operator  : SV107:mrg
Sample    : IL6,32,,AP9L2.5 Lot# 11438
Misc      : WG2037043
ALS Vial  : 21   Sample Multiplier: 1

Quant Time: Mar 05 14:52:07 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:52:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   6.222  152     96819     4.000 ug/ml    0.00
   Standard Area 1 = 99449                  Recovery   =   97.36%
55) IS2_Naphthalene-d8          7.660  136    336236     4.000 ug/ml    0.00
   Standard Area 1 = 339901                  Recovery   =   98.92%
83) IS2_Acenaphthene-d10        9.422  164    219721     4.000 ug/ml    0.00
   Standard Area 1 = 224537                  Recovery   =   97.86%
98) IS2_Phenanthrene-d10       10.859  188    470836     4.000 ug/ml  # 0.00
   Standard Area 1 = 484143                  Recovery   =   97.25%

 System Monitoring Compounds

 Target Compounds                                                  Qvalue
28) Benzaldehyde                5.636  105      47519      2.403 ug/ml     96
29) Acetophenone                6.736  105      82933      2.520 ug/ml#    87
30) m-Toluidine                 6.841  106      76757      3.142 ug/ml     94
31) 2-Chloroaniline             7.240  127      77569      2.499 ug/ml#    93
56) a-Terpineol                 7.740   59      42517      2.399 ug/ml#    72
57) 3-Chloroaniline             7.754   65      26033      2.423 ug/ml     92
58) 2,6-Dichlorophenol          7.783  162      54051      2.408 ug/ml     97
59) 1-chloro-2-nitrobenzene     8.049  111      21085      2.446 ug/ml#     1
60) Caprolactam                 8.092   55      20989      2.519 ug/ml#    76
61) 1,2,4,5-Tetrachloroben...   8.579  216      81380      2.224 ug/ml     98
62) Biphenyl                    8.876  154     182719      2.254 ug/ml     99
84) Dichloran                  10.558  206      13243      2.336 ug/ml#    70
85) Pentachloronitrobenzene    10.706  237      15012      2.223 ug/ml#    80
99) Diphenamid                 11.765  167      95397      2.571 ug/ml#    73
 --------------------------------------------------------------------------

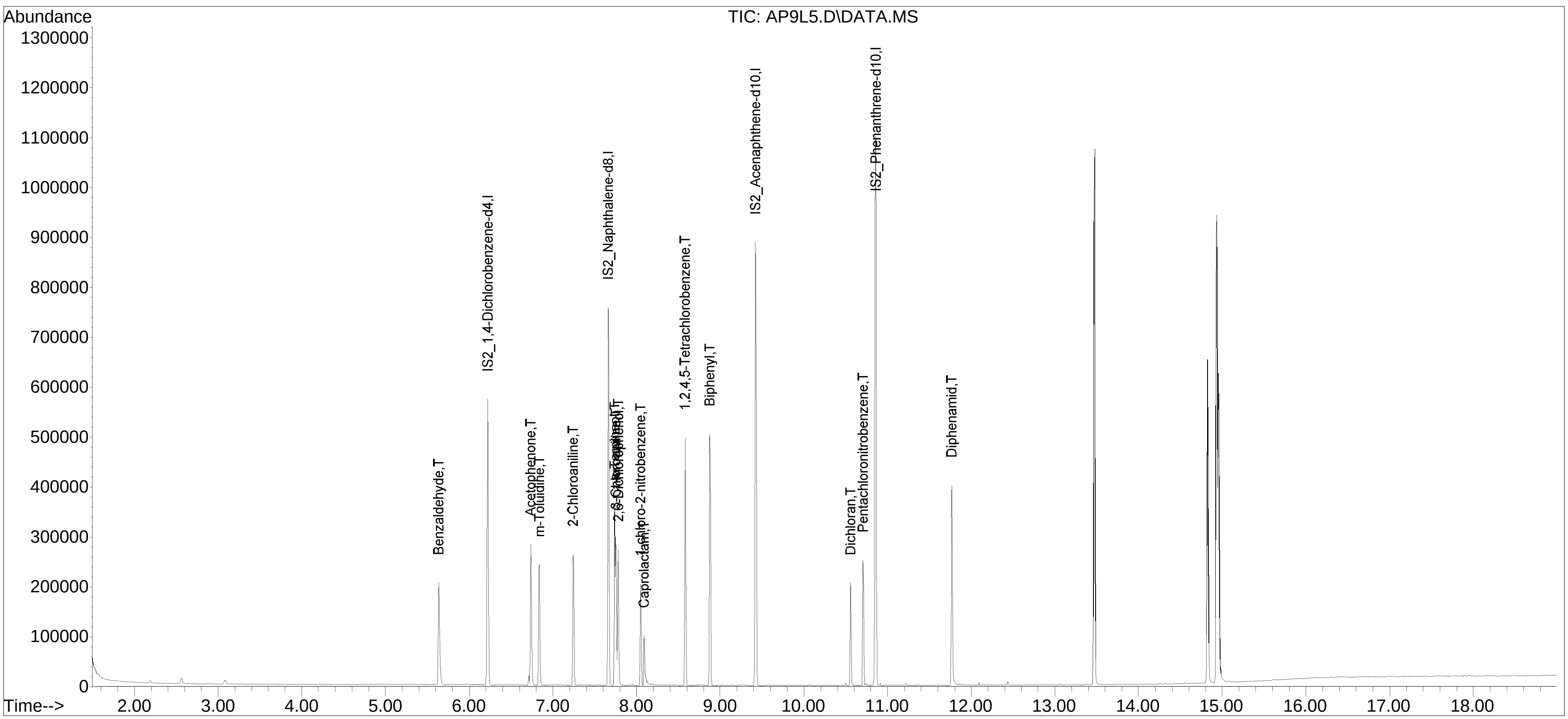
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L5.D
Acq On   : 5 Mar 2025   6:45 am
Operator : SV107:mrg
Sample   : IL6,32,,AP9L2.5 Lot# 11438
Misc   : WG2037043
ALS Vial : 21   Sample Multiplier: 1

Quant Time: Mar 05 14:52:07 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:52:48 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistal\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: AP9L5.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 6:45 am	Instrument	: SV107
Sample	: IL6,32,,AP9L2.5 Lot# 11438	Quant Date	: 3/5/2025 2:52 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L4.D
Acq On : 5 Mar 2025 7:11 am
Operator : SV107:mrg
Sample : IL7,32,,AP9L1 Lot# 11439
Misc : WG2037043
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 05 14:51:36 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:52:10 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	6.222	152	101109	4.000 ug/ml	0.00
Standard Area 1 = 99449			Recovery =	101.67%	
55) IS2_Naphthalene-d8	7.660	136	352266	4.000 ug/ml	0.00
Standard Area 1 = 339901			Recovery =	103.64%	
83) IS2_Acenaphthene-d10	9.422	164	230540	4.000 ug/ml	0.00
Standard Area 1 = 224537			Recovery =	102.67%	
98) IS2_Phenanthrene-d10	10.859	188	472204	4.000 ug/ml	# 0.00
Standard Area 1 = 484143			Recovery =	97.53%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	5.644	105	20881	1.014 ug/ml	97
29) Acetophenone	6.744	105	36166M6	1.066 ug/ml	
30) m-Toluidine	6.842	106	29455	1.217 ug/ml	95
31) 2-Chloroaniline	7.247	127	33068	1.025 ug/ml#	93
56) a-Terpineol	7.740	59	17669	0.940 ug/ml#	71
57) 3-Chloroaniline	7.754	65	11302	1.005 ug/ml	92
58) 2,6-Dichlorophenol	7.783	162	22549	0.949 ug/ml	96
59) 1-chloro-2-nitrobenzene	8.049	111	8757	0.962 ug/ml#	1
60) Caprolactam	8.092	55	8352	0.946 ug/ml#	80
61) 1,2,4,5-Tetrachloroben...	8.579	216	37067	0.959 ug/ml	98
62) Biphenyl	8.876	154	83595	0.981 ug/ml	97
84) Dichloran	10.558	206	5455	0.899 ug/ml#	68
85) Pentachloronitrobenzene	10.706	237	6862	0.961 ug/ml#	81
99) Diphenamid	11.765	167	35942	0.958 ug/ml#	74

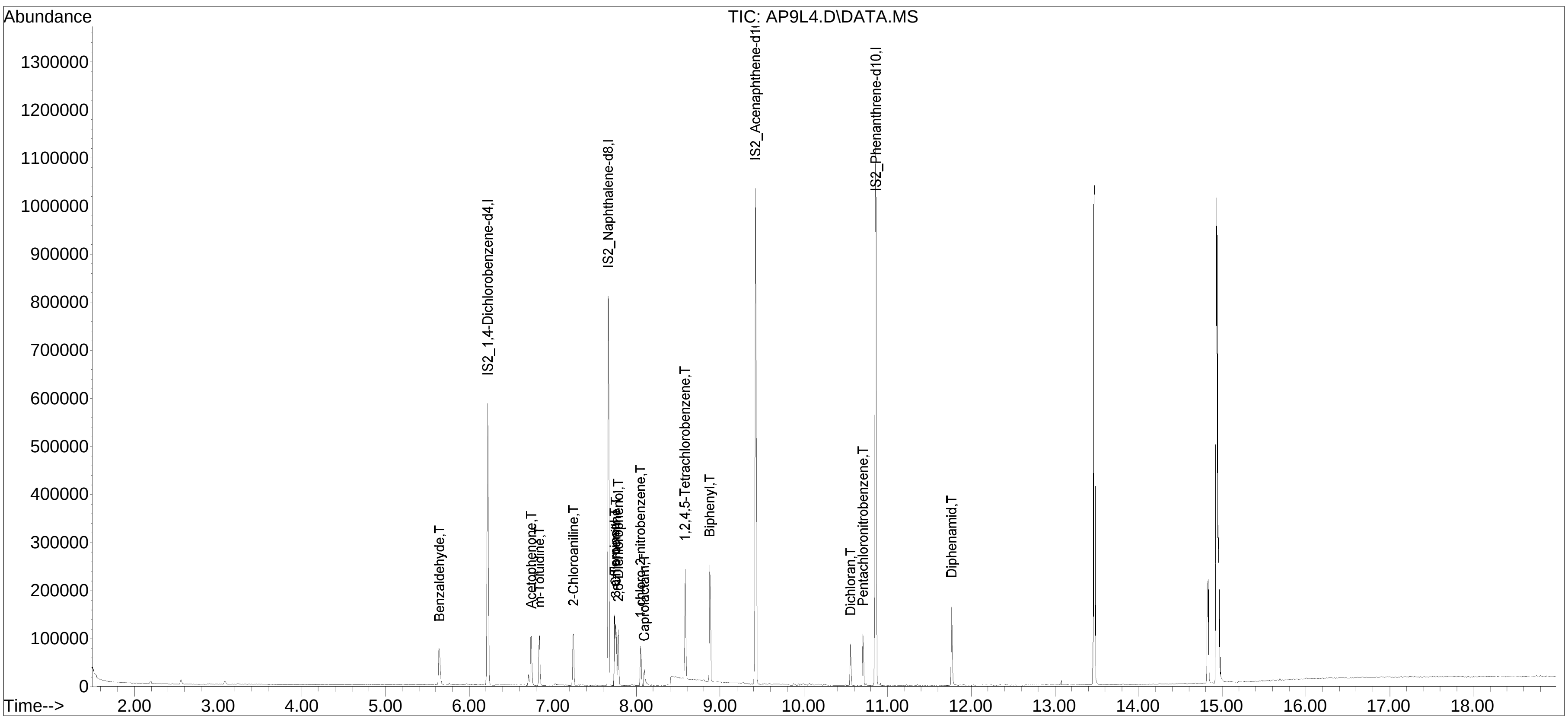
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L4.D
Acq On : 5 Mar 2025 7:11 am
Operator : SV107:mrg
Sample : IL7,32,,AP9L1 Lot# 11439
Misc : WG2037043
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 05 14:51:36 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:52:10 2025
Response via : Initial Calibration

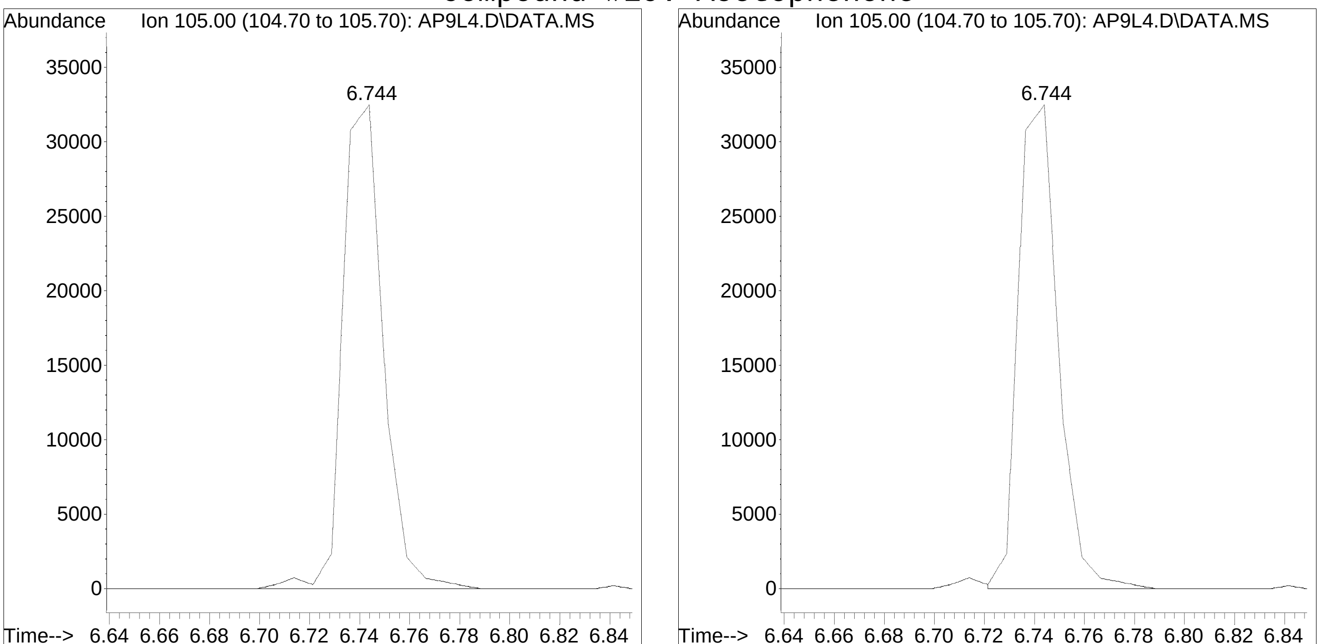
Sub List : AP9ical - AP9 ical sublistal\AP9L6.D•



Manual Integration Report

```
Data Path    : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File    : AP9L4.D                    Operator    : SV107:mrg
Date Inj'd   : 3/5/2025  7:11 am          Instrument  : SV107
Sample       : IL7,32,,AP9L1 Lot# 11439  Quant Date  : 3/5/2025  2:52 pm
```

Compound #29: Acetophenone



Original Peak Response = 36745   Manual Peak Response = 36166 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L3.D
Acq On : 5 Mar 2025 7:36 am
Operator : SV107:mrg
Sample : IL8,32,,AP9L0.5 Lot# 11440
Misc : WG2037043
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 05 14:50:58 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:51:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	6.222	152	103240	4.000	ug/ml	0.00
Standard Area 1 = 99449			Recovery =	103.81%		
55) IS2_Naphthalene-d8	7.660	136	345883	4.000	ug/ml	0.00
Standard Area 1 = 339901			Recovery =	101.76%		
83) IS2_Acenaphthene-d10	9.421	164	214577	4.000	ug/ml	0.00
Standard Area 1 = 224537			Recovery =	95.56%		
98) IS2_Phenanthrene-d10	10.859	188	433814	4.000	ug/ml	# 0.00
Standard Area 1 = 484143			Recovery =	89.60%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.644	105	11655	0.575	ug/ml	98
29) Acetophenone	6.744	105	20571	0.634	ug/ml#	87
30) m-Toluidine	6.841	106	13958	0.604	ug/ml	94
31) 2-Chloroaniline	7.247	127	17848	0.558	ug/ml	95
56) a-Terpineol	7.739	59	9611	0.528	ug/ml#	62
57) 3-Chloroaniline	7.761	65	6130	0.577	ug/ml	84
58) 2,6-Dichlorophenol	7.783	162	12375	0.542	ug/ml	95
59) 1-chloro-2-nitrobenzene	8.049	111	4980	0.579	ug/ml#	1
60) Caprolactam	8.099	55	4054	0.458	ug/ml#	73
61) 1,2,4,5-Tetrachloroben...	8.579	216	20921	0.571	ug/ml	97
62) Biphenyl	8.876	154	44613	0.545	ug/ml	100
84) Dichloran	10.558	206	2629	0.455	ug/ml#	64
85) Pentachloronitrobenzene	10.713	237	2873	0.413	ug/ml#	81
99) Diphenamid	11.765	167	16359	0.467	ug/ml#	71

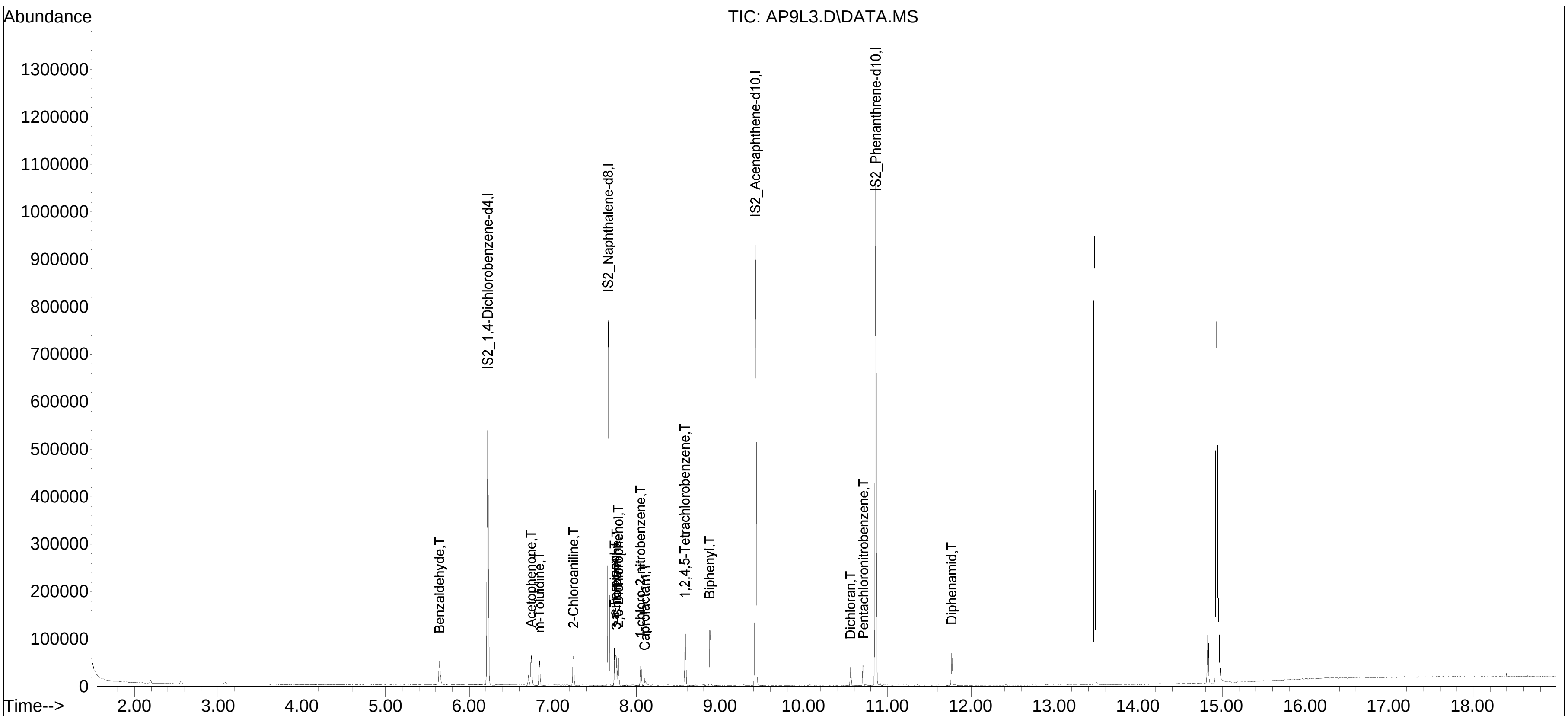
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L3.D
Acq On : 5 Mar 2025 7:36 am
Operator : SV107:mrg
Sample : IL8,32,,AP9L0.5 Lot# 11440
Misc : WG2037043
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 05 14:50:58 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:51:38 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : AP9L3.D                   Operator    : SV107:mrg
Date Inj'd  : 3/5/2025  7:36 am         Instrument  : SV107
Sample      : IL8,32,,AP9L0.5 Lot# 11440Quant Date  : 3/5/2025  2:51 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L2.D
Acq On : 5 Mar 2025 8:02 am
Operator : SV107:mrg
Sample : IL9,32,,AP9L0.2 Lot# 11441
Misc : WG2037043
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 05 14:50:24 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:50:45 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	6.222	152	104224	4.000 ug/ml	0.00
Standard Area 1 = 99449			Recovery =	104.80%	
55) IS2_Naphthalene-d8	7.660	136	345288	4.000 ug/ml	0.00
Standard Area 1 = 339901			Recovery =	101.58%	
83) IS2_Acenaphthene-d10	9.421	164	212664	4.000 ug/ml	0.00
Standard Area 1 = 224537			Recovery =	94.71%	
98) IS2_Phenanthrene-d10	10.859	188	443843	4.000 ug/ml	# 0.00
Standard Area 1 = 484143			Recovery =	91.68%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	5.644	105	3751	0.176 ug/ml	94
29) Acetophenone	6.744	105	5758	0.166 ug/ml	92
30) m-Toluidine	6.841	106	1966	0.053 ug/ml#	95
31) 2-Chloroaniline	7.247	127	5627	0.164 ug/ml#	93
56) a-Terpineol	7.739	59	3213	0.167 ug/ml#	82
57) 3-Chloroaniline	7.761	65	1865	0.166 ug/ml	90
58) 2,6-Dichlorophenol	7.783	162	3792	0.153 ug/ml	94
59) 1-chloro-2-nitrobenzene	8.056	111	1336	0.140 ug/ml#	1
60) Caprolactam	8.114	55	1666	0.183 ug/ml#	77
61) 1,2,4,5-Tetrachloroben...	8.579	216	6735	0.177 ug/ml	98
62) Biphenyl	8.876	154	14413	0.167 ug/ml	99
84) Dichloran	10.558	206	815	0.124 ug/ml#	64
85) Pentachloronitrobenzene	10.706	237	845	0.103 ug/ml#	82
99) Diphenamid	11.765	167	5319	0.131 ug/ml#	69

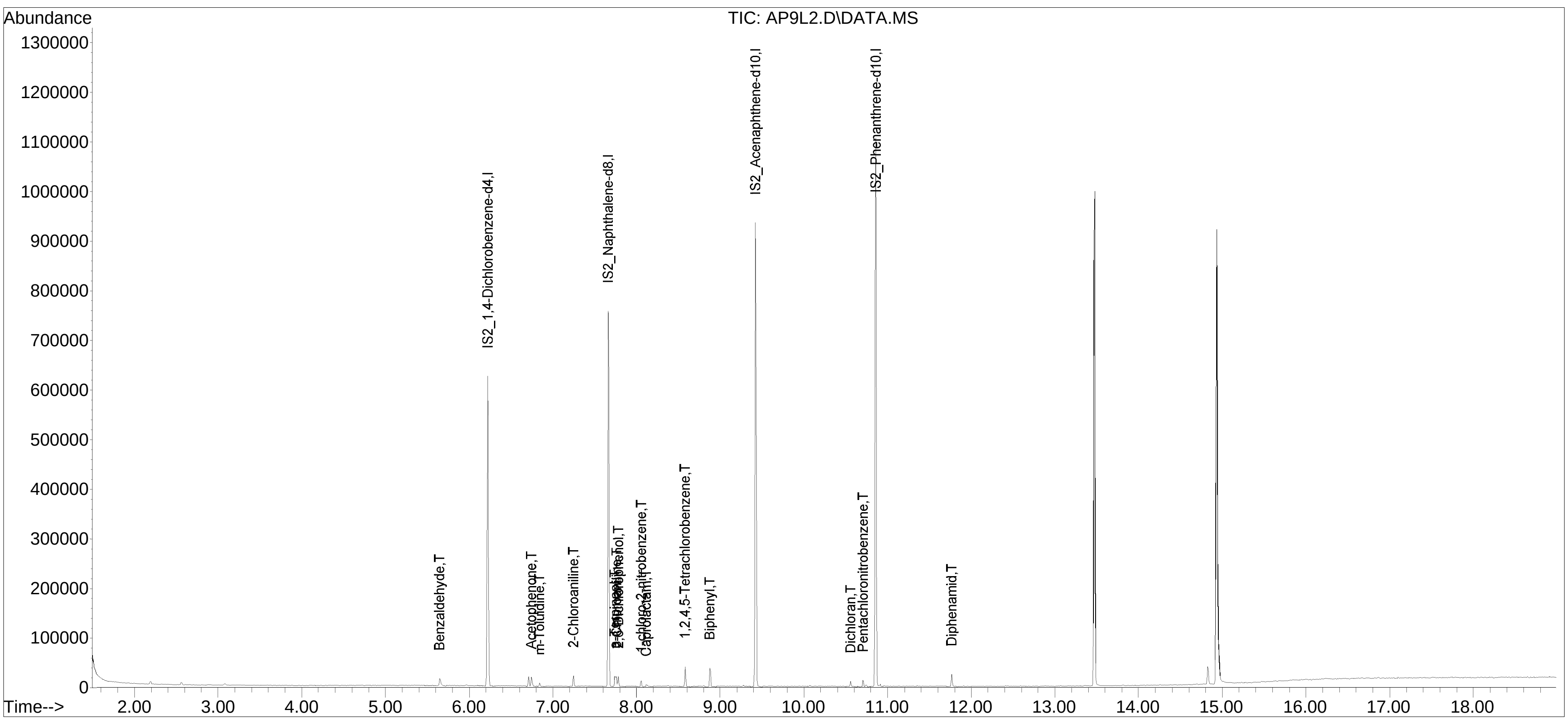
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L2.D
Acq On   : 5 Mar 2025   8:02 am
Operator : SV107:mrg
Sample   : IL9,32,,AP9L0.2 Lot# 11441
Misc   : WG2037043
ALS Vial : 24   Sample Multiplier: 1

Quant Time: Mar 05 14:50:24 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:50:45 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistal\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: AP9L2.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 8:02 am	Instrument	: SV107
Sample	: IL9,32,,AP9L0.2 Lot# 11441	Quant Date	: 3/5/2025 2:50 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : AP9L1.D
Acq On    :  5 Mar 2025   8:27 am
Operator  : SV107:mrg
Sample    : IL10,32,,AP9L0.1 Lot# 11442
Misc      : WG2037043
ALS Vial  : 25   Sample Multiplier: 1

Quant Time: Mar 05 14:49:32 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:49:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   6.222  152     88434     4.000 ug/ml    0.00
   Standard Area 1 = 99449                Recovery   =   88.92%
55) IS2_Naphthalene-d8          7.660  136    308332     4.000 ug/ml    0.00
   Standard Area 1 = 339901                Recovery   =   90.71%
83) IS2_Acenaphthene-d10        9.421  164    193994     4.000 ug/ml    0.00
   Standard Area 1 = 224537                Recovery   =   86.40%
98) IS2_Phenanthrene-d10       10.859  188    415539     4.000 ug/ml  # 0.00
   Standard Area 1 = 484143                Recovery   =   85.83%

 System Monitoring Compounds

 Target Compounds                                                 Qvalue
28) Benzaldehyde                5.653  105      1771      0.096 ug/ml#    79
29) Acetophenone                6.751  105      2677      0.083 ug/ml#    81
30) m-Toluidine                 0.000              0        N.D.
31) 2-Chloroaniline             7.247  127      2895      0.098 ug/ml#    90
56) a-Terpineol                 7.739   59      1703      0.099 ug/ml#    67
57) 3-Chloroaniline             7.761   65       935      0.087 ug/ml     89
58) 2,6-Dichlorophenol          7.783  162      2155      0.095 ug/ml     94
59) 1-chloro-2-nitrobenzene     8.056  111       815      0.092 ug/ml#     1
60) Caprolactam                 8.121   55       651M6    0.067 ug/ml
61) 1,2,4,5-Tetrachloroben...   8.579  216      3571      0.111 ug/ml#    94
62) Biphenyl                    8.876  154      8240      0.114 ug/ml     96
84) Dichloran                  10.558  206       593      0.098 ug/ml#    52
85) Pentachloronitrobenzene    10.713  237       777      0.108 ug/ml#    34
99) Diphenamid                 11.765  167      3400      0.081 ug/ml#    78
 ---------------------------------------------------------------------------

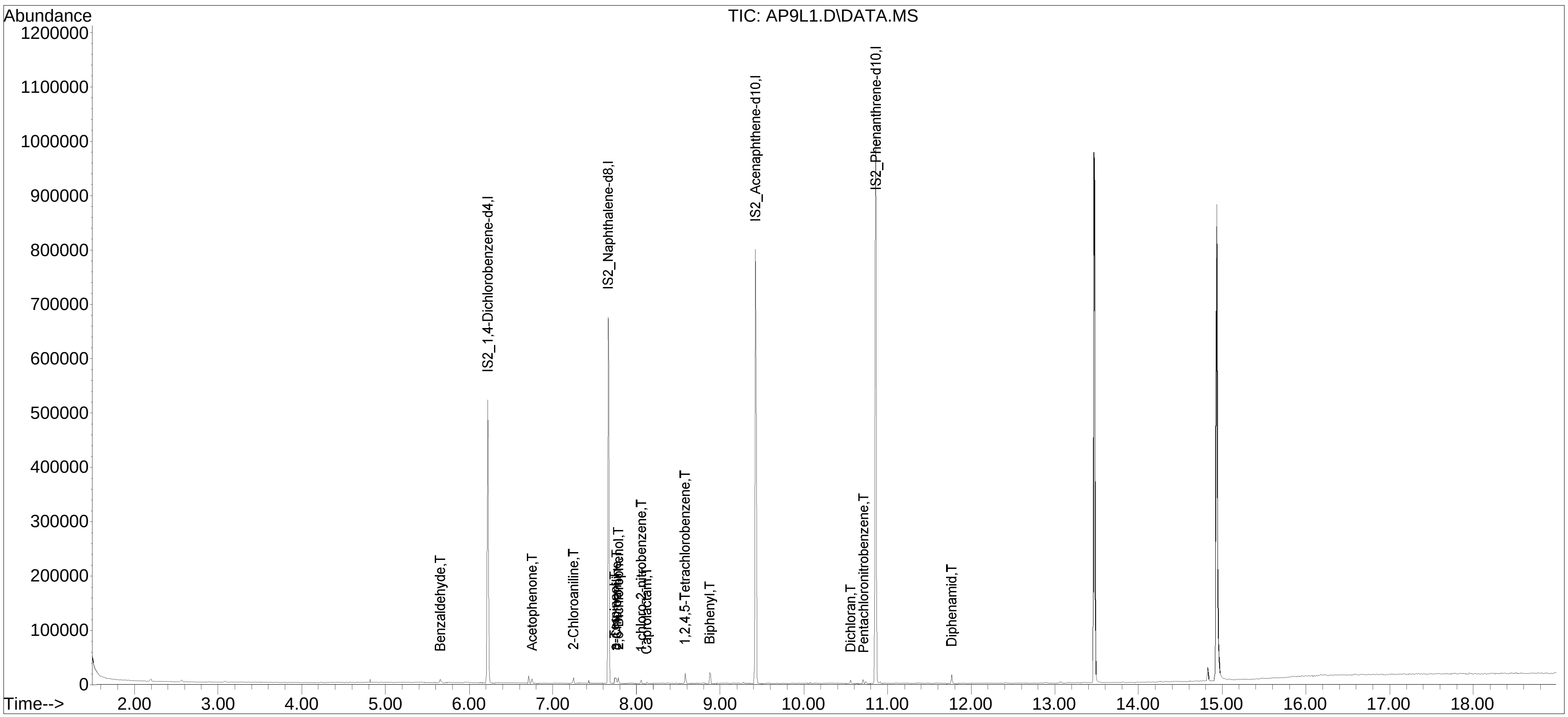
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9L1.D
Acq On : 5 Mar 2025 8:27 am
Operator : SV107:mrg
Sample : IL10,32,,AP9L0.1 Lot# 11442
Misc : WG2037043
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 05 14:49:32 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:49:32 2025
Response via : Initial Calibration

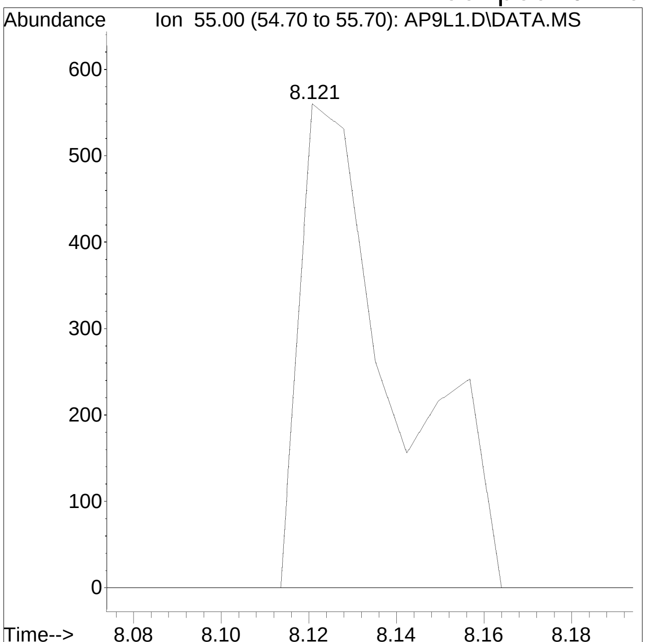
Sub List : AP9ical - AP9 ical sublistal\AP9L6.D•

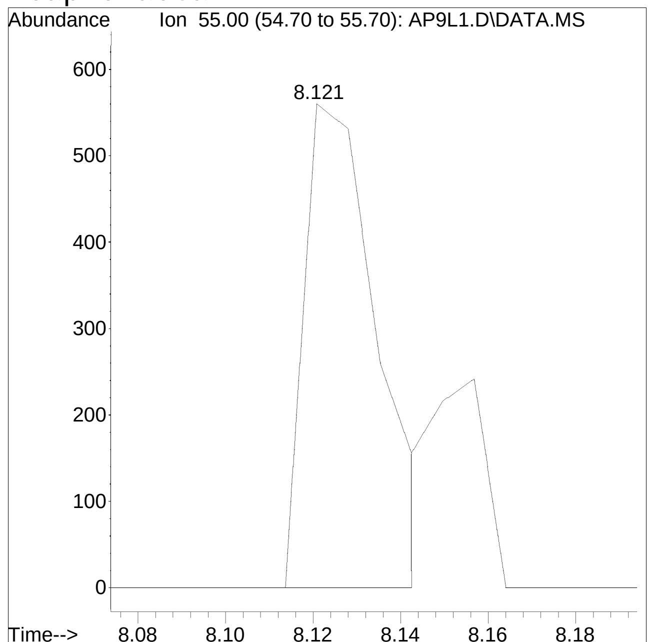


Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: AP9L1.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 8:27 am	Instrument	: SV107
Sample	: IL10,32,,AP9L0.1 Lot# 1144	Quant Date	: 3/5/2025 2:50 pm

Compound #60: Caprolactam





Original Peak Response = 849

Manual Peak Response = 651 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL9.D
Acq On : 5 Mar 2025 8:53 am
Operator : SV107:mrg
Sample : IL2,32,,ADPL50 Lot# 11443
Misc : WG2037043
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 05 14:47:02 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.222	152	87780	4.000 ug/ml	0.00
Standard Area 1 = 96160			Recovery =	91.29%	
86) IS3_Acenaphthene-d10	9.422	164	201641	4.000 ug/ml	0.00
Standard Area 1 = 199777			Recovery =	100.93%	
100) IS3_Phenanthrene-d10	10.859	188	481248	4.000 ug/ml	# 0.00
Standard Area 1 = 458036			Recovery =	105.07%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.660	88	525233	45.322 ug/ml#	74
34) n-Decane	6.120	57	1663581	53.347 ug/ml#	46
87) Atrazine	10.648	200	1520240	37.159 ug/ml	95
101) n-Octadecane	10.845	57	2662155	60.161 ug/ml#	1
102) Parathion	11.655	109	735890	36.575 ug/ml	94
103) 3,3'-Dimethylbenzidine	12.926	212	5173945	34.727 ug/ml	96

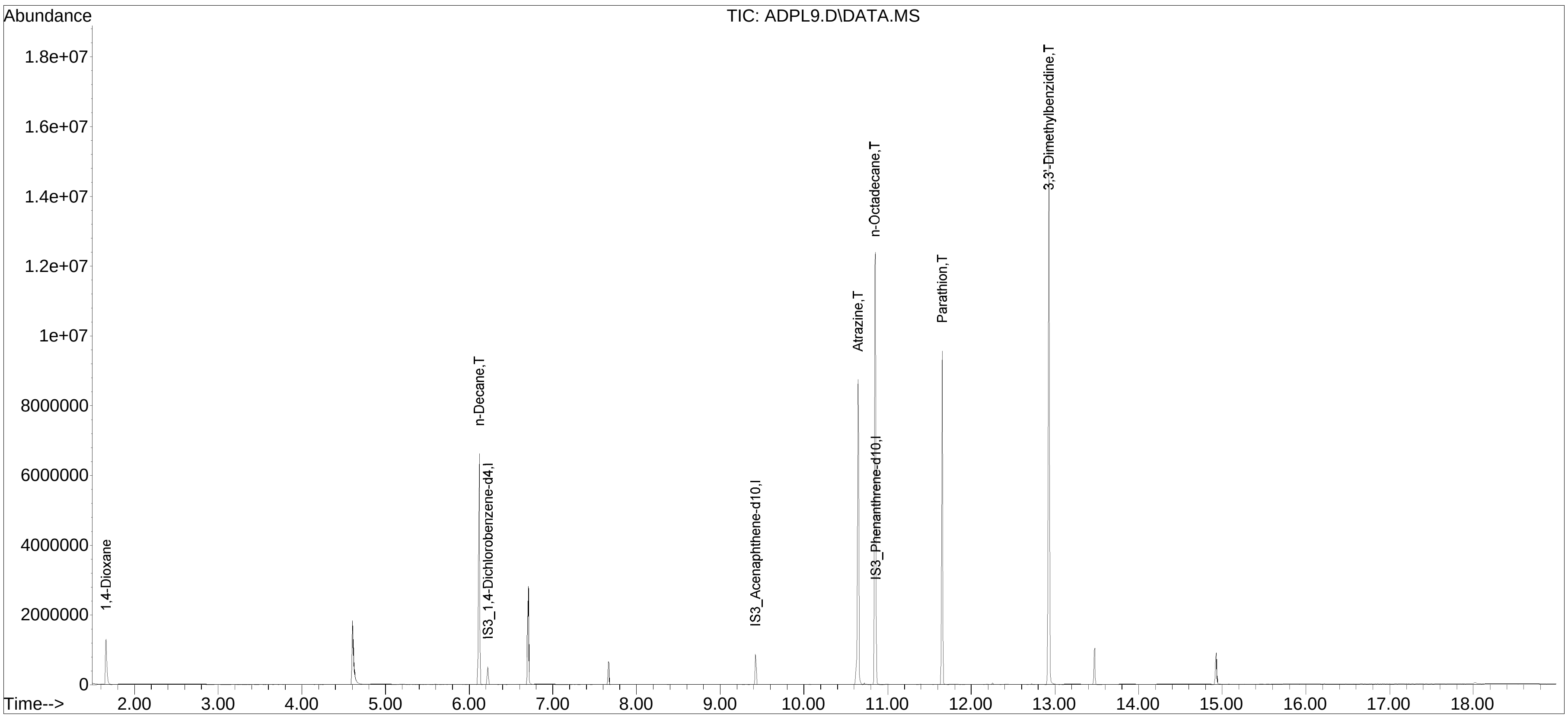
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL9.D
Acq On : 5 Mar 2025 8:53 am
Operator : SV107:mrg
Sample : IL2,32,,ADPL50 Lot# 11443
Misc : WG2037043
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 05 14:47:02 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ADPL9.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 8:53 am	Instrument	: SV107
Sample	: IL2,32,,ADPL50 Lot# 11443	Quant Date	: 3/5/2025 2:47 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL8.D
Acq On : 5 Mar 2025 9:19 am
Operator : SV107:mrg
Sample : IL3,32,,ADPL25 Lot# 11444
Misc : WG2037043
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 05 14:46:26 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.222	152	90505	4.000 ug/ml	0.00
Standard Area 1 = 96160			Recovery =	94.12%	
86) IS3_Acenaphthene-d10	9.421	164	202847	4.000 ug/ml	0.00
Standard Area 1 = 199777			Recovery =	101.54%	
100) IS3_Phenanthrene-d10	10.859	188	486496	4.000 ug/ml	# 0.00
Standard Area 1 = 458036			Recovery =	106.21%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.660	88	307580	25.742 ug/ml#	73
34) n-Decane	6.120	57	971143	30.204 ug/ml#	45
87) Atrazine	10.647	200	826748	24.982 ug/ml	94
101) n-Octadecane	10.845	57	1547857	34.602 ug/ml#	1
102) Parathion	11.648	109	381567	25.021 ug/ml	95
103) 3,3'-Dimethylbenzidine	12.926	212	3055117	24.942 ug/ml	97

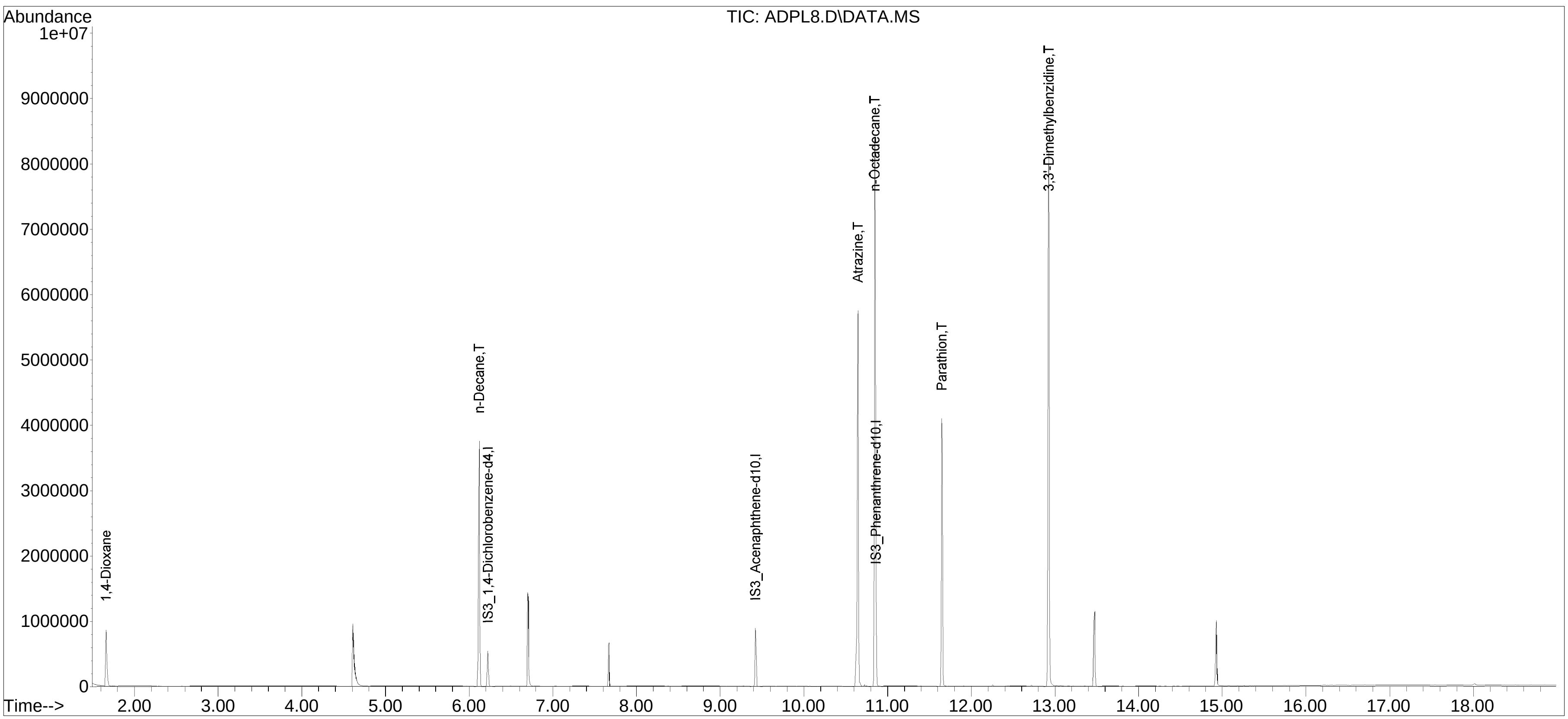
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL8.D
Acq On : 5 Mar 2025 9:19 am
Operator : SV107:mrg
Sample : IL3,32,,ADPL25 Lot# 11444
Misc : WG2037043
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 05 14:46:26 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ADPL8.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 9:19 am	Instrument	: SV107
Sample	: IL3,32,,ADPL25 Lot# 11444	Quant Date	: 3/5/2025 2:47 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL7.D
Acq On : 5 Mar 2025 9:44 am
Operator : SV107:mrg
Sample : IL4,32,,ADPL10 Lot# 11445
Misc : WG2037043
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 05 14:46:14 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.222	152	94182	4.000 ug/ml	0.00
Standard Area 1 = 96160			Recovery =	97.94%	
86) IS3_Acenaphthene-d10	9.421	164	200341	4.000 ug/ml	0.00
Standard Area 1 = 199777			Recovery =	100.28%	
100) IS3_Phenanthrene-d10	10.859	188	462174	4.000 ug/ml	# 0.00
Standard Area 1 = 458036			Recovery =	100.90%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.660	88	102343	8.231 ug/ml#	74
34) n-Decane	6.120	57	324416	9.696 ug/ml#	44
87) Atrazine	10.640	200	232045	10.104 ug/ml	96
101) n-Octadecane	10.845	57	467029	10.990 ug/ml#	1
102) Parathion	11.648	109	81068	9.908 ug/ml	94
103) 3,3'-Dimethylbenzidine	12.918	212	784798	10.339 ug/ml	98

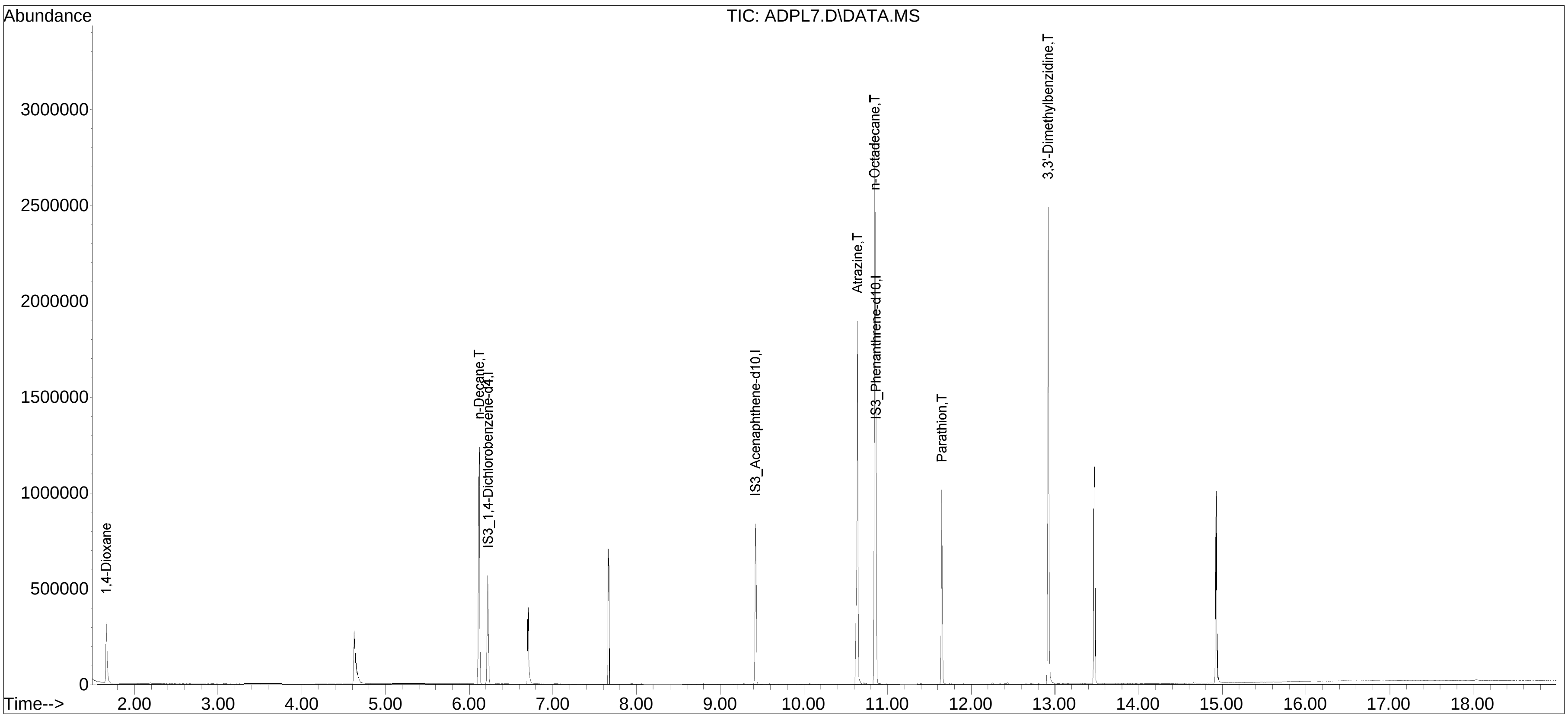
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL7.D
Acq On : 5 Mar 2025 9:44 am
Operator : SV107:mrg
Sample : IL4,32,,ADPL10 Lot# 11445
Misc : WG2037043
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 05 14:46:14 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ADPL7.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 9:44 am	Instrument	: SV107
Sample	: IL4,32,,ADPL10 Lot# 11445	Quant Date	: 3/5/2025 2:47 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL6.D
Acq On : 5 Mar 2025 10:10 am
Operator : SV107:mrg
Sample : IL5,32,,ADPL5 Lot# 11446
Misc : WG2037043
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 05 14:46:01 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
	Internal Standards					
32)	IS3_1,4-Dichlorobenzen...	6.222	152	96160	4.000 ug/ml	0.00
	Standard Area 1 = 96160			Recovery =	100.00%	
86)	IS3_Acenaphthene-d10	9.421	164	199777	4.000 ug/ml	0.00
	Standard Area 1 = 199777			Recovery =	100.00%	
100)	IS3_Phenanthrene-d10	10.859	188	458036	4.000 ug/ml	# 0.00
	Standard Area 1 = 458036			Recovery =	100.00%	
	System Monitoring Compounds					
	Target Compounds					Qvalue
33)	1,4-Dioxane	1.660	88	54408	4.286 ug/ml#	75
34)	n-Decane	6.120	57	161008	4.713 ug/ml#	44
87)	Atrazine	10.640	200	97065	4.961 ug/ml	95
101)	n-Octadecane	10.844	57	212010	5.034 ug/ml#	1
102)	Parathion	11.648	109	29950	4.924 ug/ml#	94
103)	3,3'-Dimethylbenzidine	12.918	212	289074	4.896 ug/ml	98

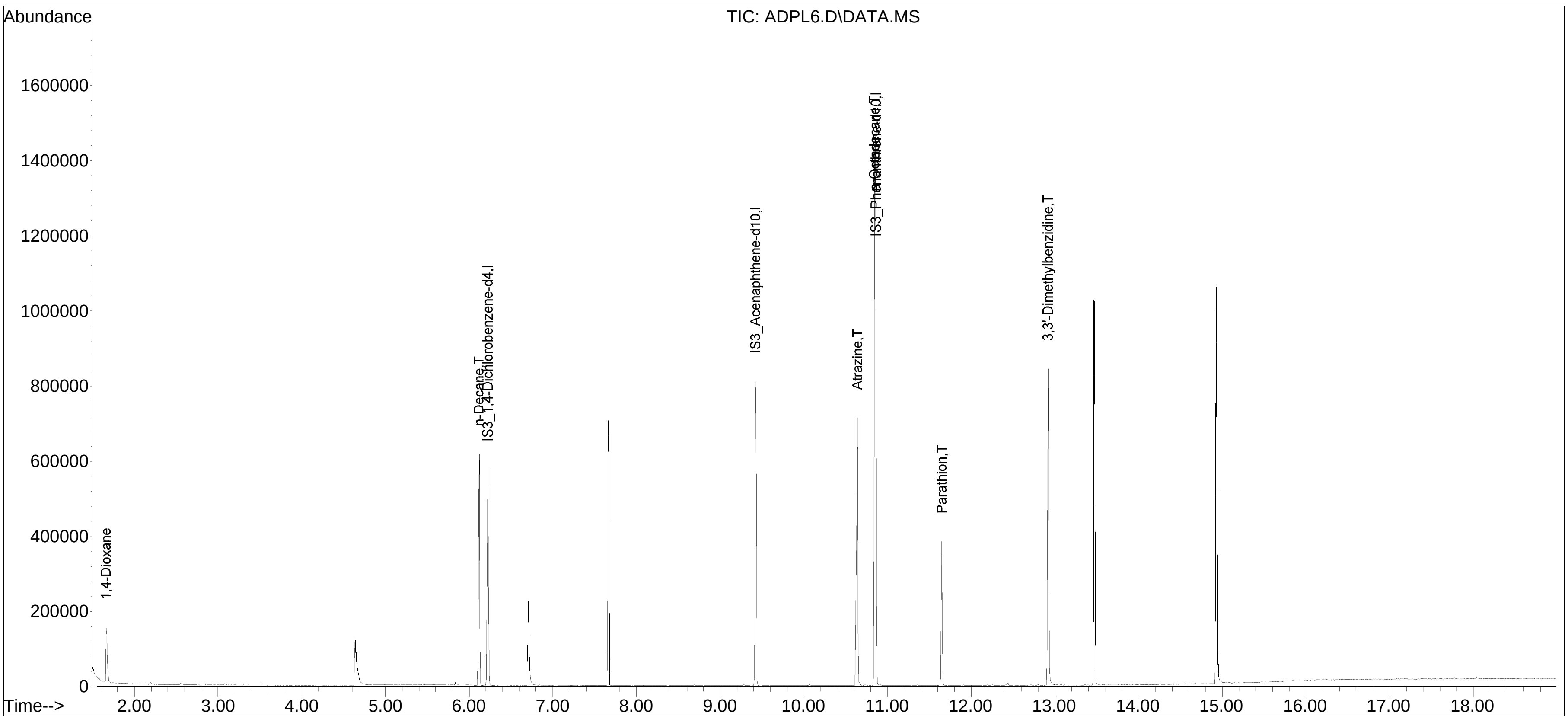
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL6.D
Acq On : 5 Mar 2025 10:10 am
Operator : SV107:mrg
Sample : IL5,32,,ADPL5 Lot# 11446
Misc : WG2037043
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 05 14:46:01 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ADPL6.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 10:10 am	Instrument	: SV107
Sample	: IL5,32,,ADPL5 Lot# 11446	Quant Date	: 3/5/2025 2:46 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ADPL5.D
Acq On    :  5 Mar 2025  10:35 am
Operator  : SV107:mrg
Sample    : IL6,32,,ADPL2.5 Lot# 11447
Misc      : WG2037043
ALS Vial  : 30   Sample Multiplier: 1

Quant Time: Mar 05 14:45:50 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ADPL6.D
Sub List     : ADPical_REV2 - ADP sublist
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.222	152	92520	4.000 ug/ml	0.00
Standard Area 1 = 96160			Recovery =	96.21%	
86) IS3_Acenaphthene-d10	9.421	164	200673	4.000 ug/ml	0.00
Standard Area 1 = 199777			Recovery =	100.45%	
100) IS3_Phenanthrene-d10	10.859	188	462662	4.000 ug/ml	# 0.00
Standard Area 1 = 458036			Recovery =	101.01%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.667	88	24431	2.000 ug/ml#	75
34) n-Decane	6.120	57	69668	2.120 ug/ml#	43
87) Atrazine	10.640	200	43345	2.405 ug/ml	96
101) n-Octadecane	10.845	57	87117	2.048 ug/ml#	1
102) Parathion	11.648	109	12968	2.489 ug/ml#	93
103) 3,3'-Dimethylbenzidine	12.918	212	106798	2.196 ug/ml	99

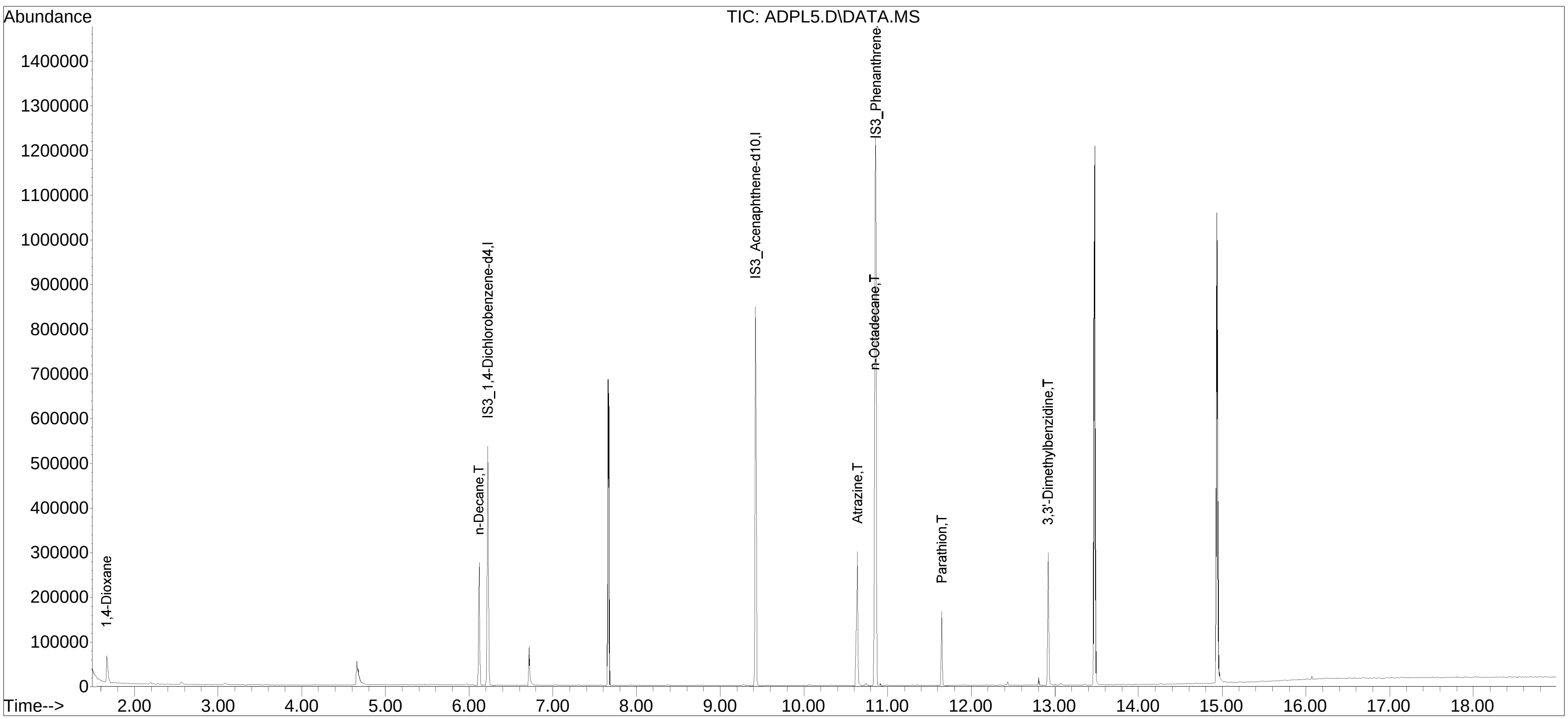
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL5.D
Acq On : 5 Mar 2025 10:35 am
Operator : SV107:mrg
Sample : IL6,32,,ADPL2.5 Lot# 11447
Misc : WG2037043
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 05 14:45:50 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ADPL5.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 10:35 am	Instrument	: SV107
Sample	: IL6,32,,ADPL2.5 Lot# 11447	Quant Date	: 3/5/2025 2:46 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL4.D
Acq On : 5 Mar 2025 11:01 am
Operator : SV107:mrg
Sample : IL7,32,,ADPL1 Lot# 11448
Misc : WG2037043
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 05 14:45:36 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.222	152	94246	4.000 ug/ml	0.00
Standard Area 1 = 96160			Recovery =	98.01%	
86) IS3_Acenaphthene-d10	9.421	164	200424	4.000 ug/ml	0.00
Standard Area 1 = 199777			Recovery =	100.32%	
100) IS3_Phenanthrene-d10	10.859	188	439809	4.000 ug/ml	# 0.00
Standard Area 1 = 458036			Recovery =	96.02%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.667	88	12515	1.006 ug/ml#	78
34) n-Decane	6.120	57	33053	0.987 ug/ml#	43
87) Atrazine	10.640	200	18322	1.063 ug/ml	97
101) n-Octadecane	10.844	57	35883	0.887 ug/ml#	1
102) Parathion	11.648	109	5493	1.190 ug/ml#	95
103) 3,3'-Dimethylbenzidine	12.918	212	33881	0.967 ug/ml	99

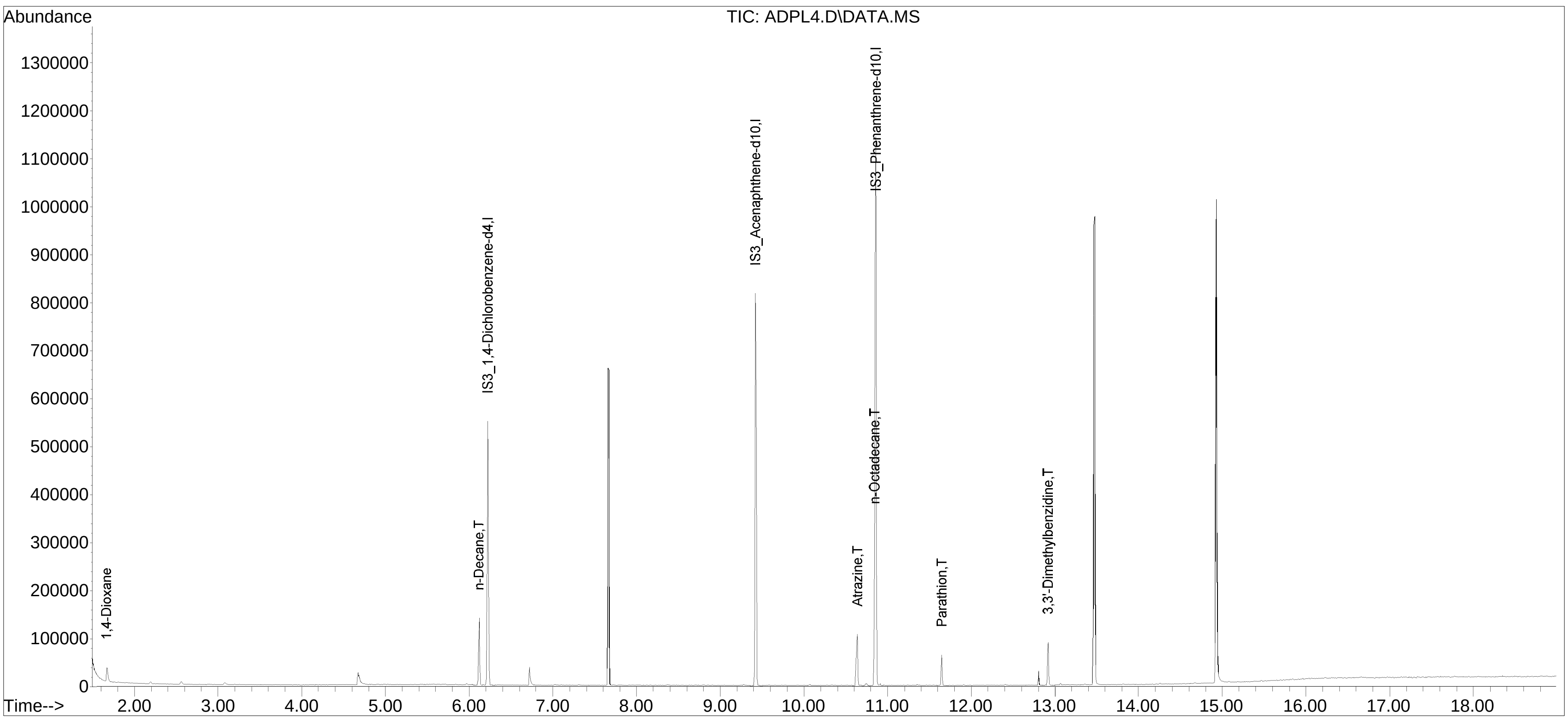
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL4.D
Acq On   : 5 Mar 2025 11:01 am
Operator : SV107:mrg
Sample   : IL7,32,,ADPL1 Lot# 11448
Misc   : WG2037043
ALS Vial : 31   Sample Multiplier: 1

Quant Time: Mar 05 14:45:36 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

Sub List   : ADPical_REV2 - ADP sublistal\ADPL6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ADPL4.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 11:01 am	Instrument	: SV107
Sample	: IL7,32,,ADPL1 Lot# 11448	Quant Date	: 3/5/2025 2:46 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL3.D
Acq On : 5 Mar 2025 11:27 am
Operator : SV107:mrg
Sample : IL8,32,,ADPL0.5 Lot# 11449
Misc : WG2037043
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 05 14:45:24 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.222	152	94373	4.000 ug/ml	0.00
Standard Area 1 = 96160			Recovery =	98.14%	
86) IS3_Acenaphthene-d10	9.421	164	194402	4.000 ug/ml	0.00
Standard Area 1 = 199777			Recovery =	97.31%	
100) IS3_Phenanthrene-d10	10.855	188	422022	4.000 ug/ml	# 0.00
Standard Area 1 = 458036			Recovery =	92.14%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.674	88	6586M6	0.529 ug/ml	
34) n-Decane	6.120	57	17508	0.522 ug/ml#	42
87) Atrazine	10.636	200	7848	0.473 ug/ml	93
101) n-Octadecane	10.848	57	16788	0.433 ug/ml#	1
102) Parathion	11.644	109	2870	0.637 ug/ml#	91
103) 3,3'-Dimethylbenzidine	12.914	212	13412	0.575 ug/ml	100

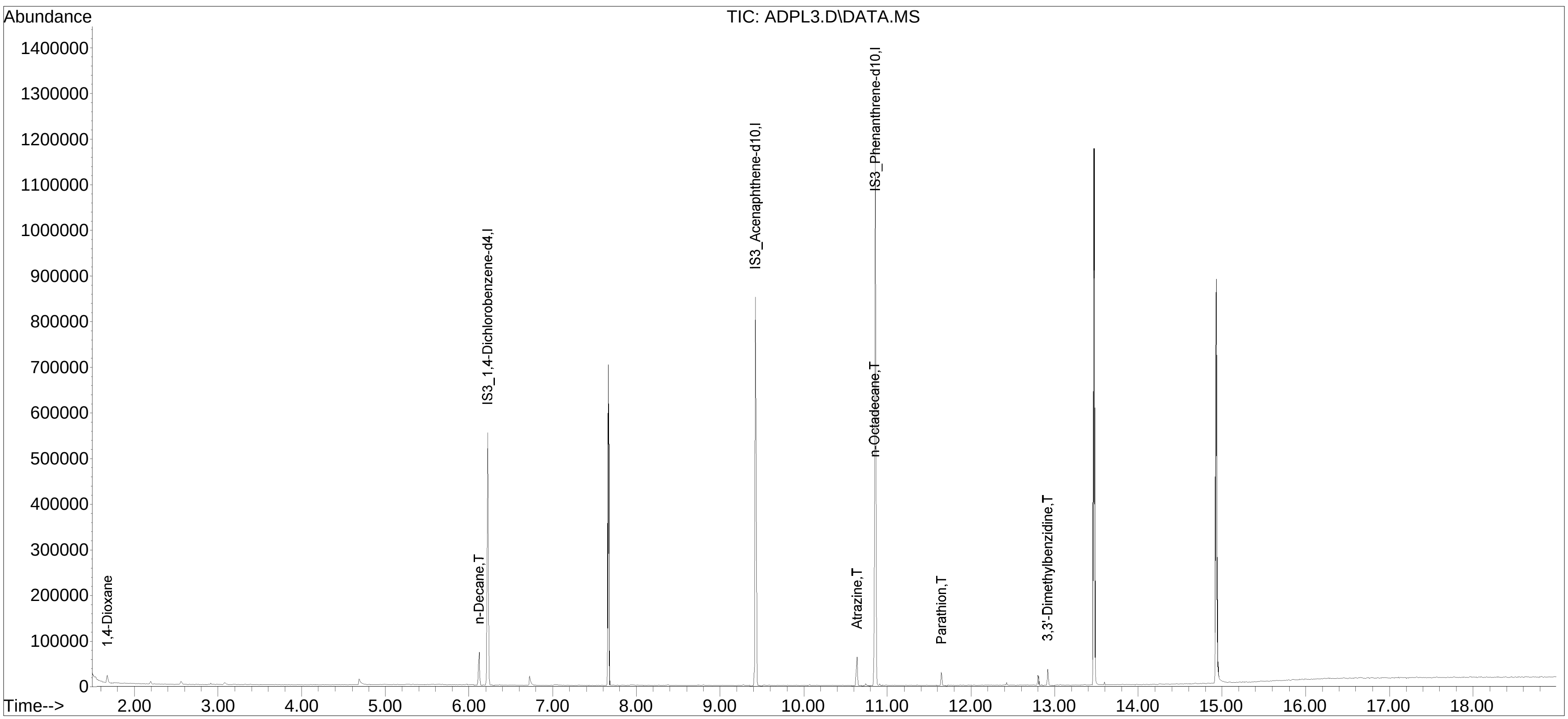
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL3.D
Acq On : 5 Mar 2025 11:27 am
Operator : SV107:mrg
Sample : IL8,32,,ADPL0.5 Lot# 11449
Misc : WG2037043
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 05 14:45:24 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

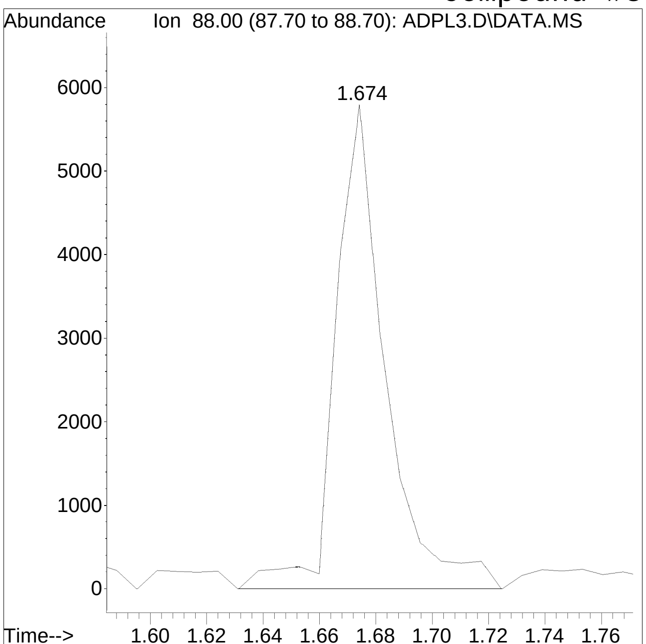
Sub List : ADPical_REV2 - ADP sublistal\ADPL6.D•

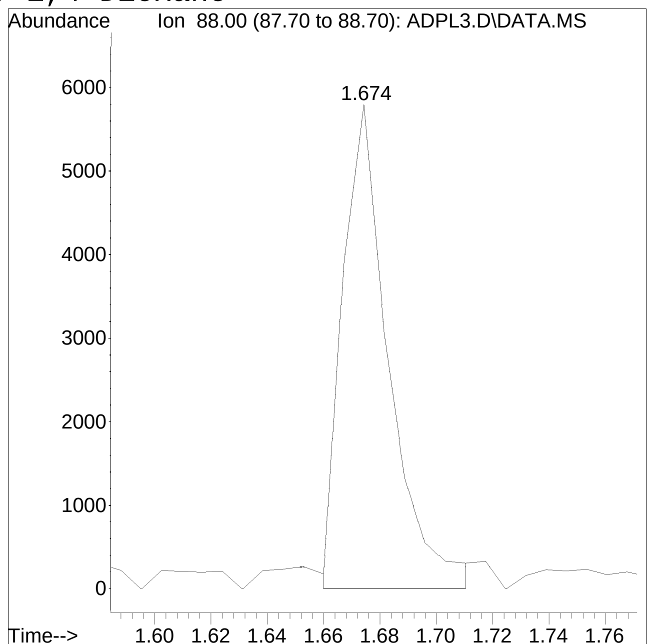


Manual Integration Report

Data Path : I:\8270\SV107\250304ical\ QMethod : FS250303SV107RVT.m
Data File : ADPL3.D Operator : SV107:mrg
Date Inj'd : 3/5/2025 11:27 am Instrument : SV107
Sample : IL8,32,,ADPL0.5 Lot# 11449 Quant Date : 3/5/2025 2:46 pm

Compound #33: 1,4-Dioxane





Original Peak Response = 7112 Manual Peak Response = 6586 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ADPL2.D
Acq On    :  5 Mar 2025  11:52 am
Operator  : SV107:mrg
Sample    : IL9,32,,ADPL0.2 Lot# 11450
Misc      : WG2037043
ALS Vial  : 33   Sample Multiplier: 1

Quant Time: Mar 05 14:45:14 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ADPL6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   6.222  152     92446     4.000 ug/ml    0.00
    Standard Area 1 = 96160                 Recovery   =   96.14%
 86) IS3_Acenaphthene-d10        9.421  164    194281     4.000 ug/ml    0.00
    Standard Area 1 = 199777                 Recovery   =   97.25%
100) IS3_Phenanthrene-d10       10.859  188    428478     4.000 ug/ml  # 0.00
    Standard Area 1 = 458036                 Recovery   =   93.55%

 System Monitoring Compounds

 Target Compounds                                                    Qvalue
 33) 1,4-Dioxane                 1.681   88       3049      0.250 ug/ml     97
 34) n-Decane                    6.120   57       5863      0.179 ug/ml#    42
 87) Atrazine                   10.640  200       3182      0.187 ug/ml     97
101) n-Octadecane               10.845   57       6140      0.156 ug/ml#     1
102) Parathion                  11.648  109       1035      0.168 ug/ml#    79
103) 3,3'-Dimethylbenzidine     12.918  212        943      0.311 ug/ml#    62
 -------------------------------------------------------------------------------

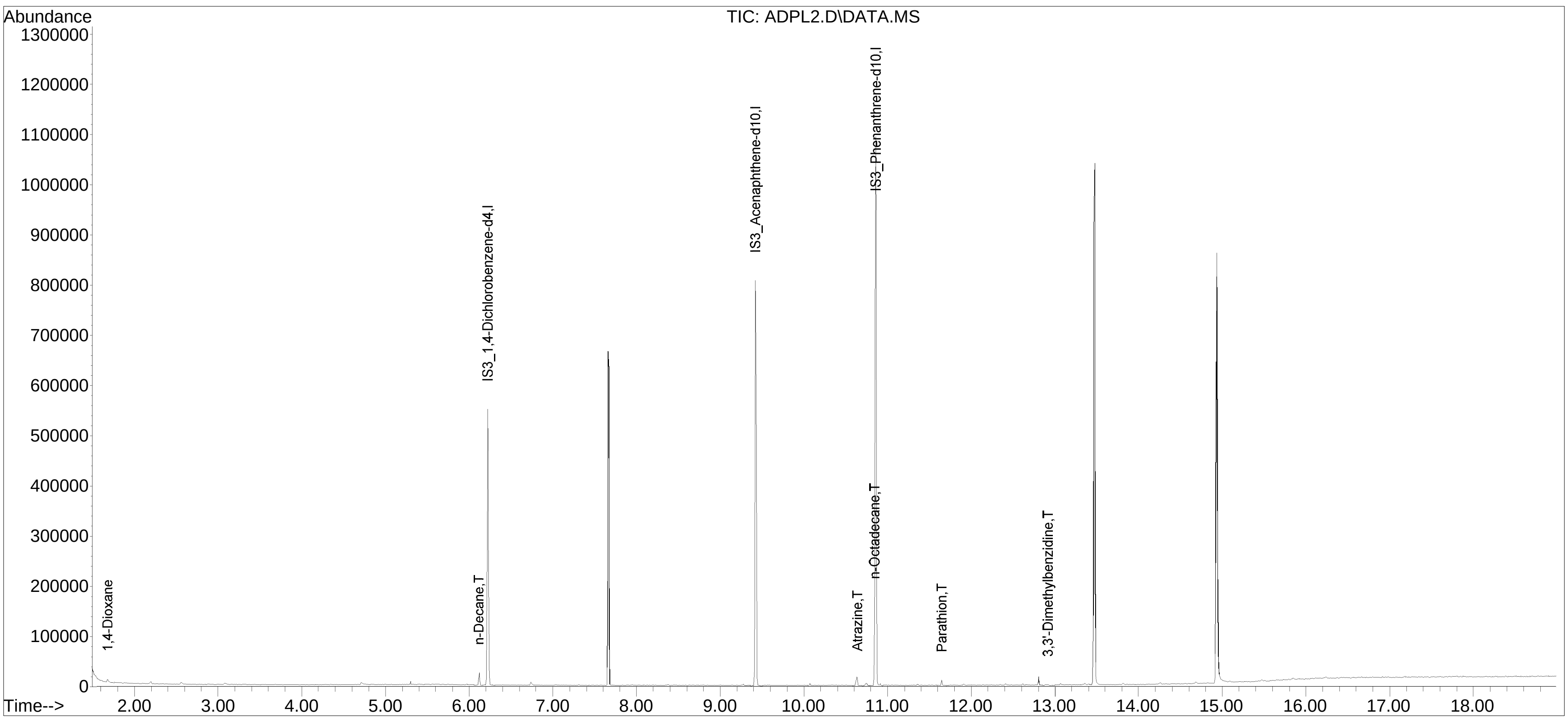
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL2.D
Acq On : 5 Mar 2025 11:52 am
Operator : SV107:mrg
Sample : IL9,32,,ADPL0.2 Lot# 11450
Misc : WG2037043
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 05 14:45:14 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : ADPL2.D                   Operator    : SV107:mrg
Date Inj'd  : 3/5/2025 11:52 am         Instrument  : SV107
Sample      : IL9,32,,ADPL0.2 Lot# 11450Quant Date  : 3/5/2025  2:46 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL1.D
Acq On : 5 Mar 2025 12:18 pm
Operator : SV107:mrg
Sample : IL10,32,,ADPL0.1 Lot# 11451
Misc : WG2037043
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 05 14:45:02 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.222	152	93407	4.000 ug/ml	0.00
Standard Area 1 = 96160			Recovery =	97.14%	
86) IS3_Acenaphthene-d10	9.421	164	198754	4.000 ug/ml	0.00
Standard Area 1 = 199777			Recovery =	99.49%	
100) IS3_Phenanthrene-d10	10.859	188	412623	4.000 ug/ml	# 0.00
Standard Area 1 = 458036			Recovery =	90.09%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.681	88	1568	0.127 ug/ml	96
34) n-Decane	6.120	57	3453	0.104 ug/ml#	43
87) Atrazine	10.640	200	1990	0.109 ug/ml	98
101) n-Octadecane	10.845	57	3627	0.096 ug/ml#	1
102) Parathion	11.648	109	637	0.069 ug/ml#	67
103) 3,3'-Dimethylbenzidine	0.000		0	N.D. d	

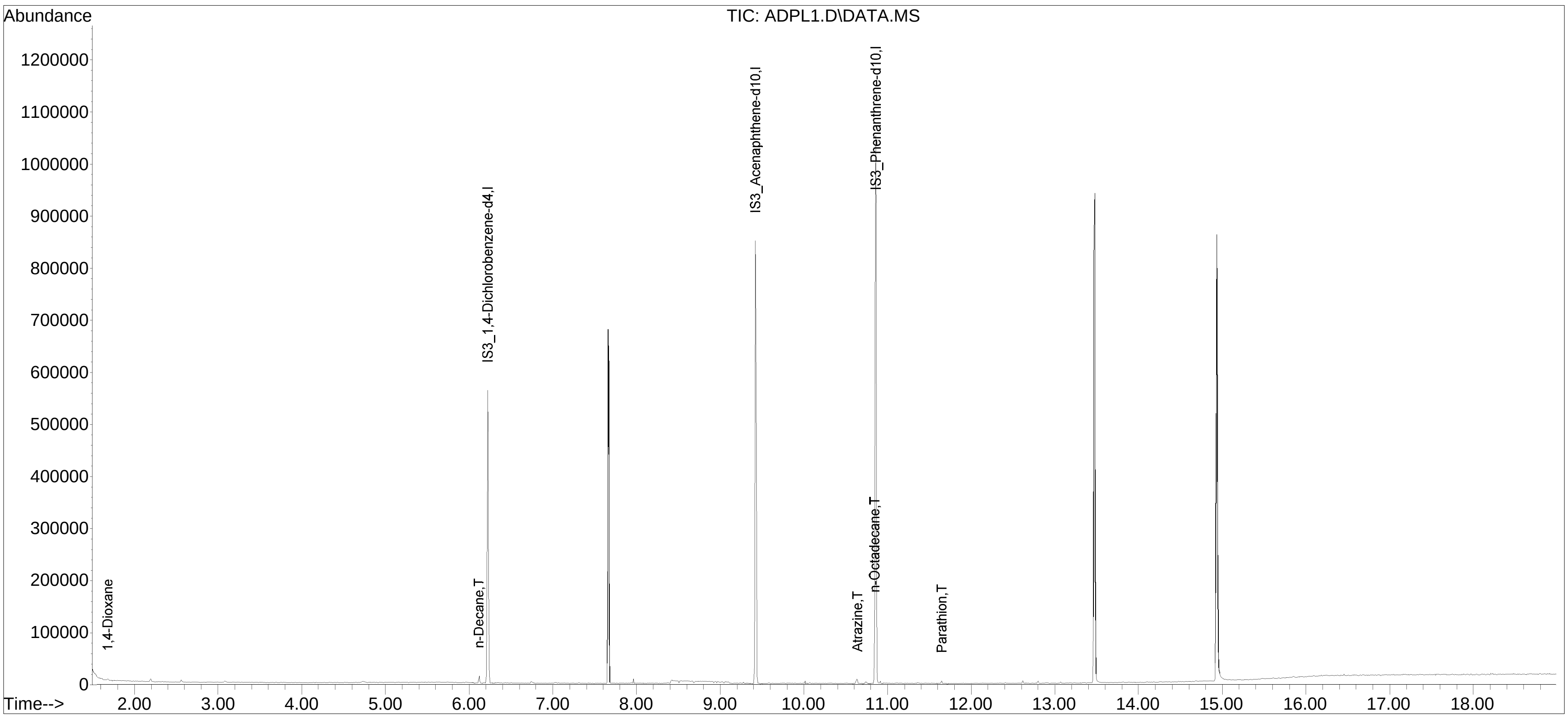
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPL1.D
Acq On : 5 Mar 2025 12:18 pm
Operator : SV107:mrg
Sample : IL10,32,,ADPL0.1 Lot# 11451
Misc : WG2037043
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 05 14:45:02 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL6.D•



Manual Integration Report

Data Path	: I:\8270\SV107\250304ical\	QMethod	: FS250303SV107RVT.m
Data File	: ADPL1.D	Operator	: SV107:mrg
Date Inj'd	: 3/5/2025 12:18 pm	Instrument	: SV107
Sample	: IL10,32,,ADPL0.1 Lot# 1145	Quant Date	: 3/5/2025 2:46 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV107\250304ical\
Data File : AP9ICV.D
Acq On : 5 Mar 2025 12:44 pm
Operator : SV107:mrg
Sample : CQICV2,32,,AP9ICV Lot# 11453
Misc : WG2037043
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 05 14:58:44 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:58:54 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	92	0.00
28	T	Benzaldehyde		0.859	1.020	-18.7	112	0.00
29	T	Acetophenone		1.472	1.787	-21.4#	112	0.00
30	T	m-Toluidine		1.500	1.736	-15.7	113	0.00
31	T	2-Chloroaniline		1.381	1.660	-20.2#	114	0.00
55	I	IS2_Naphthalene-d8		1.000	1.000	0.0	93	0.00
56	T	a-Terpineol		0.229	0.269	-17.5	111	0.00
57	T	3-Chloroaniline		0.135	0.172	-27.4#	114	0.00
58	T	2,6-Dichlorophenol		0.288	0.357	-24.0#	113	0.00
59	T	1-chloro-2-nitrobenzene		0.114	0.138	-21.1#	111	0.00
60	T	Caprolactam	*	5.000	4.642	7.2	105	0.00
61	T	1,2,4,5-Tetrachlorobenzene		0.428	0.521	-21.7#	115	0.00
62	T	Biphenyl		0.969	1.158	-19.5	115	0.00
83	I	IS2_Acenaphthene-d10		1.000	1.000	0.0	90	0.00
84	T	Dichloran	*	5.000	4.630	7.4	111	0.00
85	T	Pentachloronitrobenzene	*	5.000	5.347	-6.9	114	0.00
98	I	IS2_Phenanthrene-d10		1.000	1.000	0.0	91	0.00
99	T	Diphenamid	*	5.000	5.337	-6.7	121	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9ICV.D
Acq On : 5 Mar 2025 12:44 pm
Operator : SV107:mrg
Sample : CQICV2,32,,AP9ICV Lot# 11453
Misc : WG2037043
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 05 14:58:44 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:58:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	6.222	152	91079	4.000 ug/ml	0.00
Standard Area 1 = 99449			Recovery =	91.58%	
55) IS2_Naphthalene-d8	7.660	136	314665	4.000 ug/ml	0.00
Standard Area 1 = 339901			Recovery =	92.58%	
83) IS2_Acenaphthene-d10	9.422	164	202492	4.000 ug/ml	0.00
Standard Area 1 = 224537			Recovery =	90.18%	
98) IS2_Phenanthrene-d10	10.859	188	438377	4.000 ug/ml	# 0.00
Standard Area 1 = 484143			Recovery =	90.55%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	5.636	105	116089	5.937 ug/ml	98
29) Acetophenone	6.736	105	203459	6.072 ug/ml#	86
30) m-Toluidine	6.834	106	197670	5.789 ug/ml	96
31) 2-Chloroaniline	7.240	127	189014	6.010 ug/ml#	93
56) a-Terpineol	7.740	59	105908	5.886 ug/ml#	73
57) 3-Chloroaniline	7.754	65	67613	6.379 ug/ml	89
58) 2,6-Dichlorophenol	7.783	162	140408	6.207 ug/ml	96
59) 1-chloro-2-nitrobenzene	8.049	111	54134	6.055 ug/ml#	1
60) Caprolactam	8.092	55	56048	4.642 ug/ml#	76
61) 1,2,4,5-Tetrachloroben...	8.579	216	204905	6.086 ug/ml	97
62) Biphenyl	8.876	154	455454	5.972 ug/ml	98
84) Dichloran	10.558	206	38715	4.630 ug/ml#	70
85) Pentachloronitrobenzene	10.706	237	47459	5.347 ug/ml#	81
99) Diphenamid	11.765	167	293950	5.337 ug/ml#	73

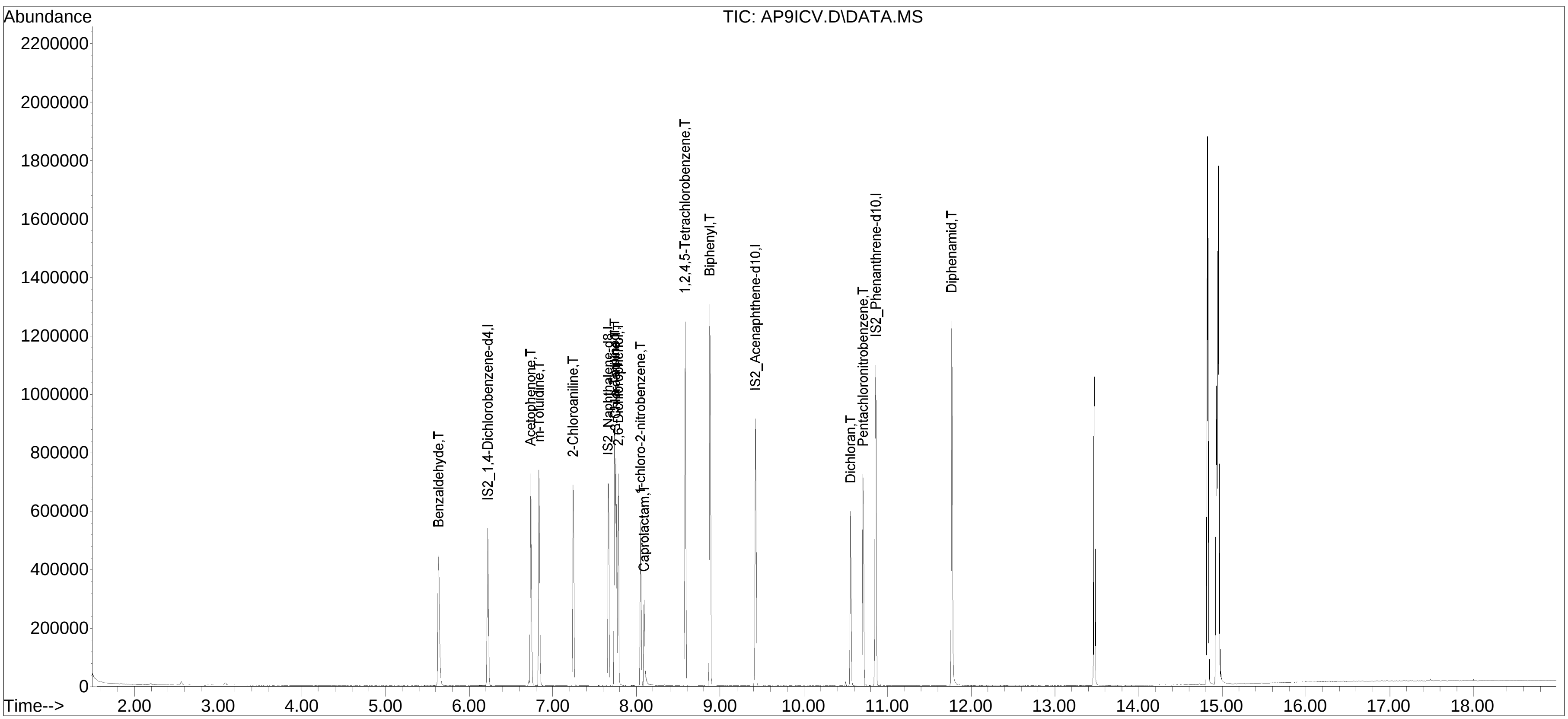
(#) = qualifier out of range (m) = manual integration (+) = signals summed

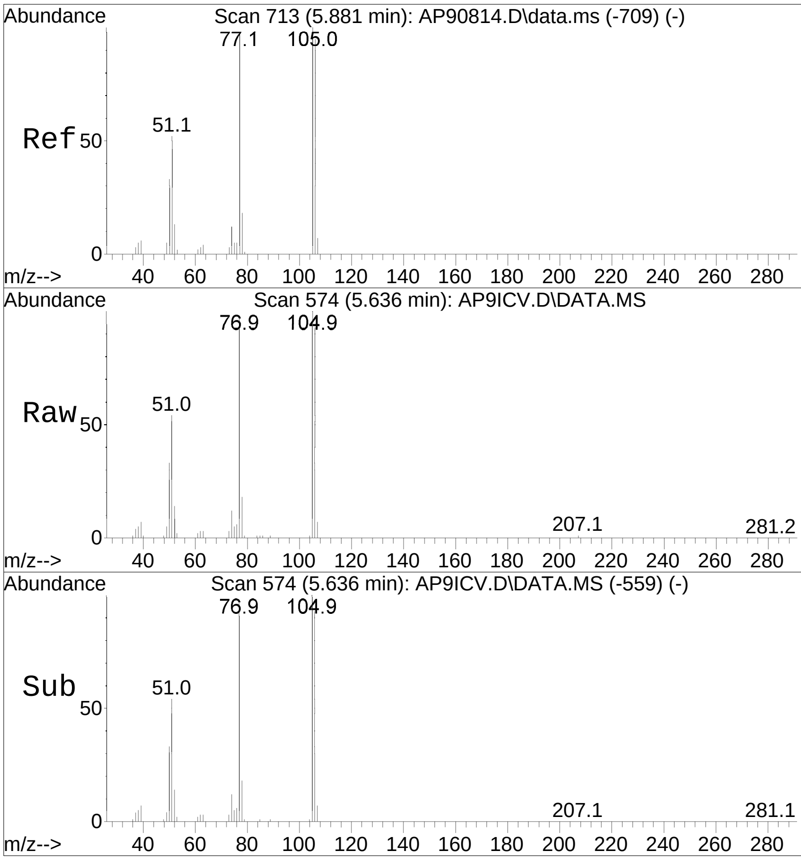
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : AP9ICV.D
Acq On : 5 Mar 2025 12:44 pm
Operator : SV107:mrg
Sample : CQICV2,32,,AP9ICV Lot# 11453
Misc : WG2037043
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 05 14:58:44 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:58:54 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L6.D•

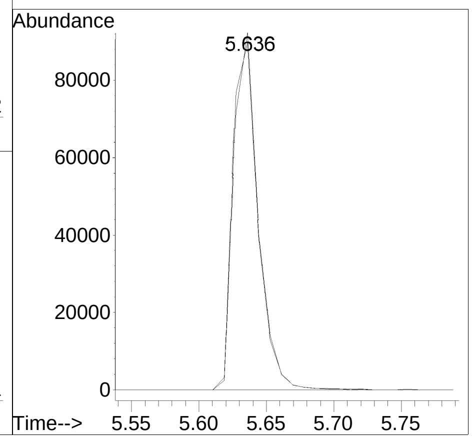


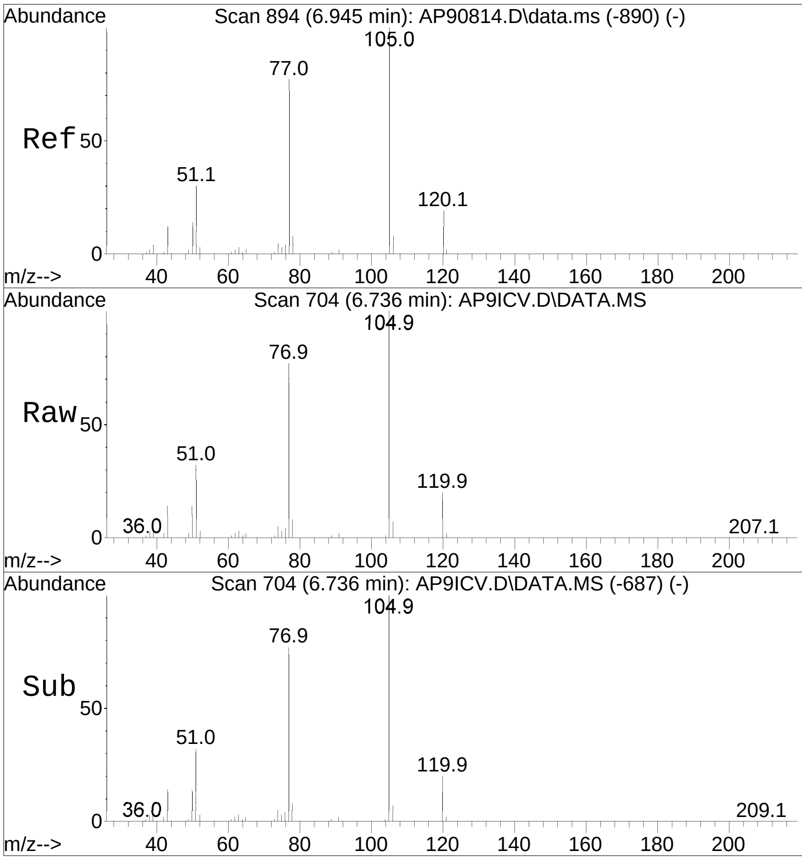


#28
Benzaldehyde
Concen: 5.94 ug/ml
RT: 5.636 min Scan# 574
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion:105 Resp: 116089

Ion	Ratio	Lower	Upper
105	100		
77	100.6	82.2	123.4

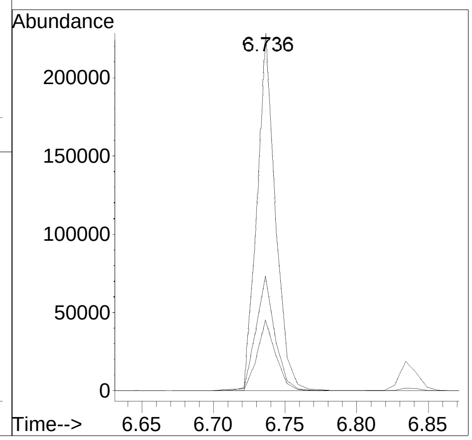


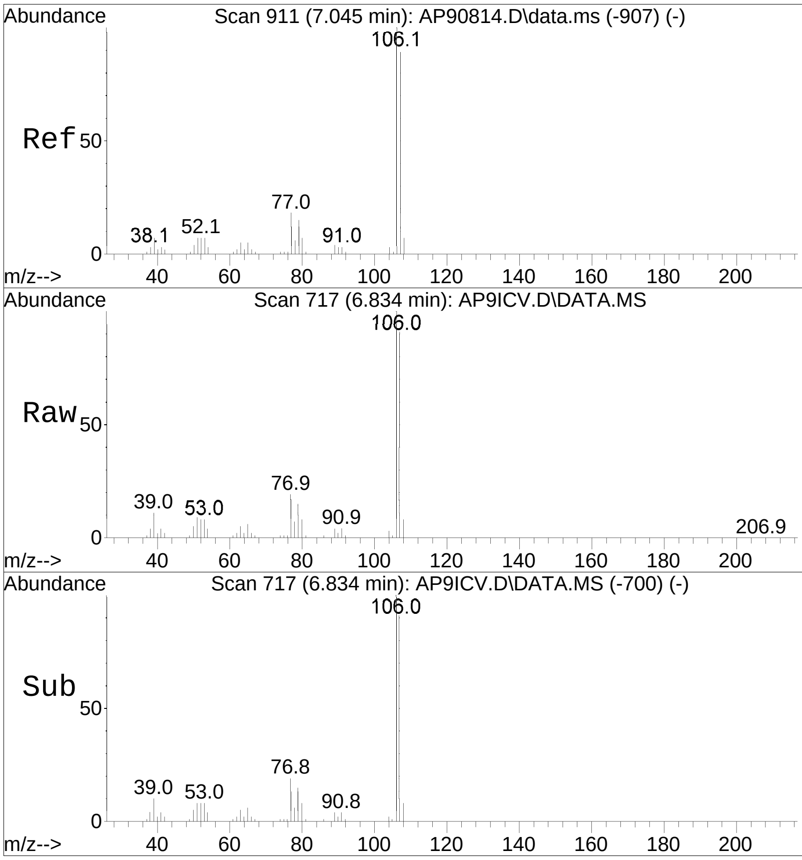


#29
Acetophenone
Concen: 6.07 ug/ml
RT: 6.736 min Scan# 704
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion:105 Resp: 203459

Ion	Ratio	Lower	Upper
105	100		
120	20.0	20.5	30.7#
51	33.4	34.9	52.3#

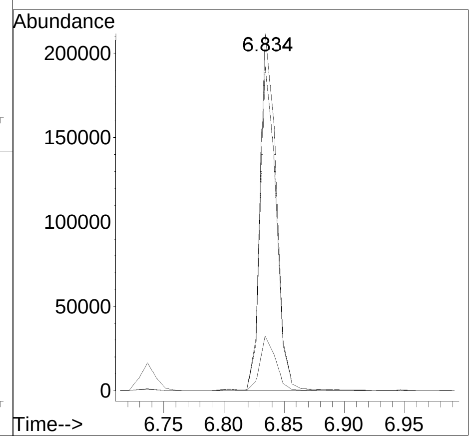


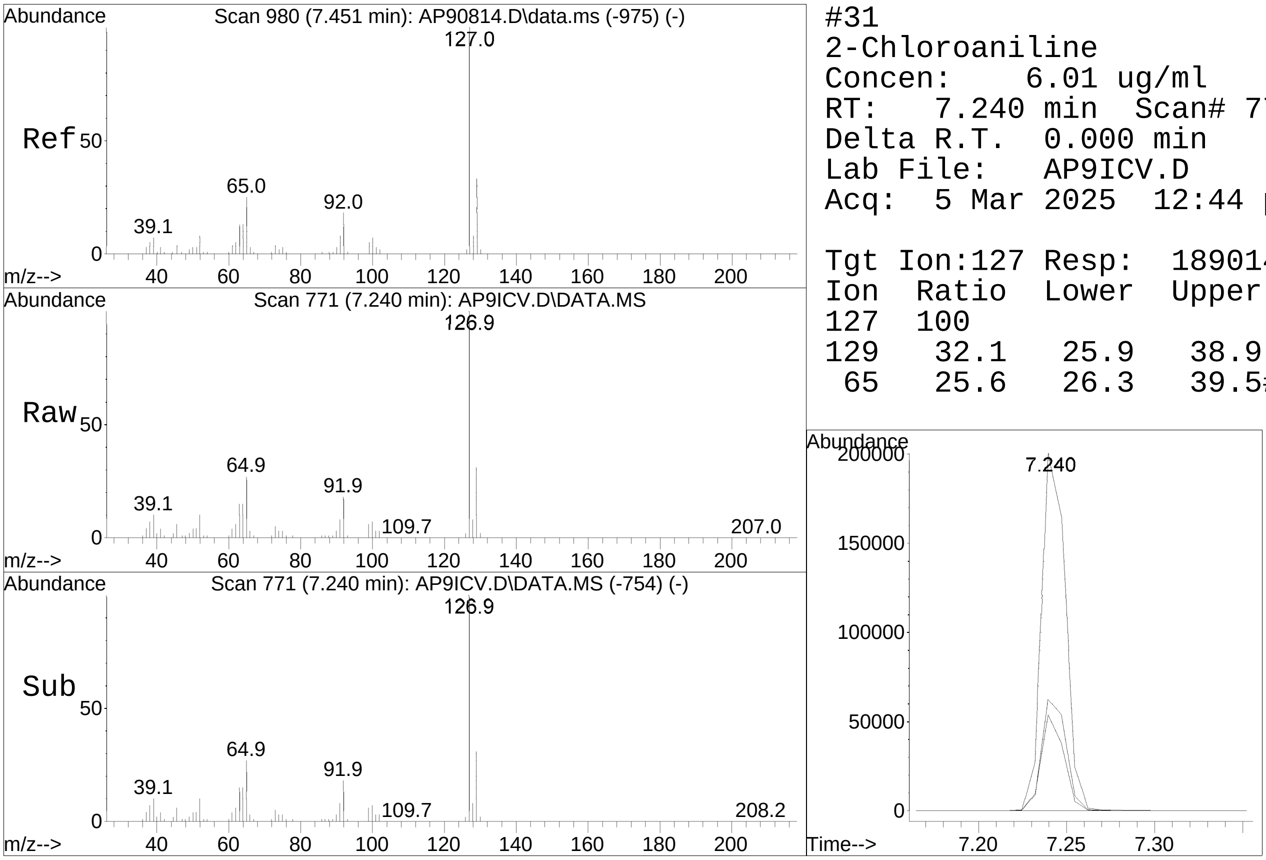


#30
m-Toluidine
Concen: 5.79 ug/ml
RT: 6.834 min Scan# 717
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion:106 Resp: 197670

Ion	Ratio	Lower	Upper
106	100		
107	90.4	75.7	113.5
79	14.7	11.8	17.8

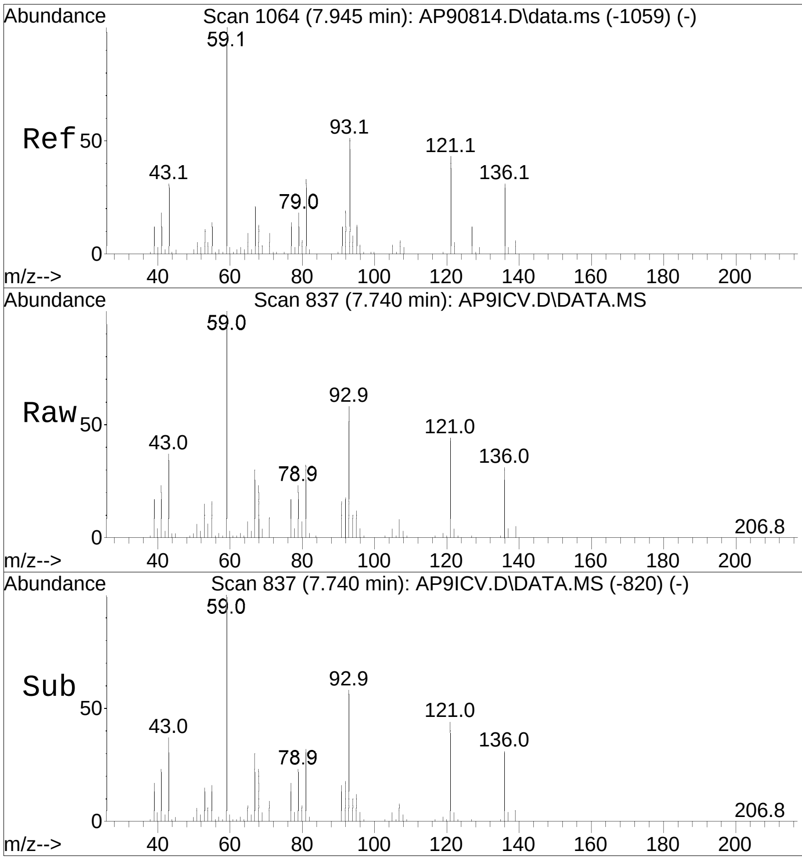




#31
2-Chloroaniline
Concen: 6.01 ug/ml
RT: 7.240 min Scan# 771
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion:127 Resp: 189014

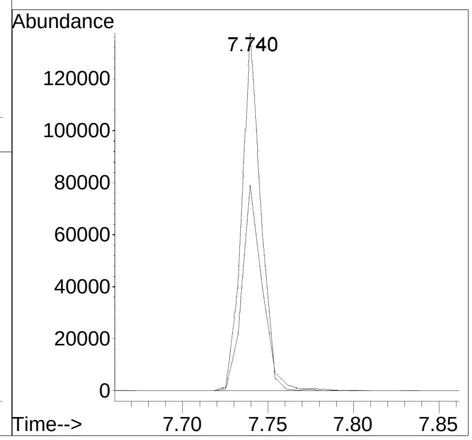
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	25.6	26.3	39.5#

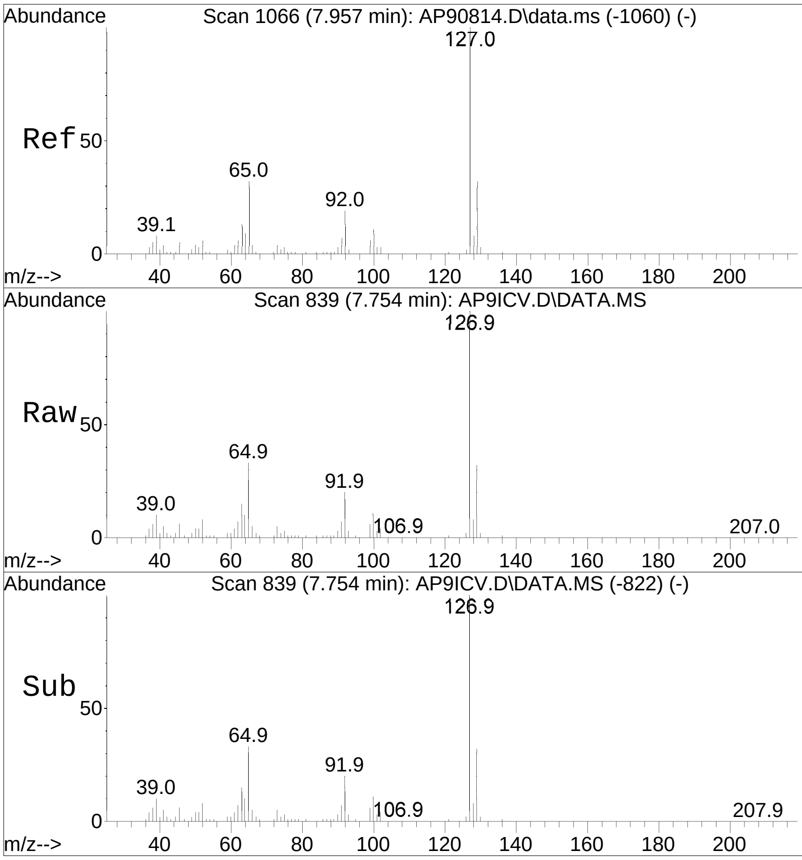


#56
a-Terpineol
Concen: 5.89 ug/ml
RT: 7.740 min Scan# 837
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion: 59 Resp: 105908

Ion	Ratio	Lower	Upper
59	100		
93	62.3	35.6	53.4#

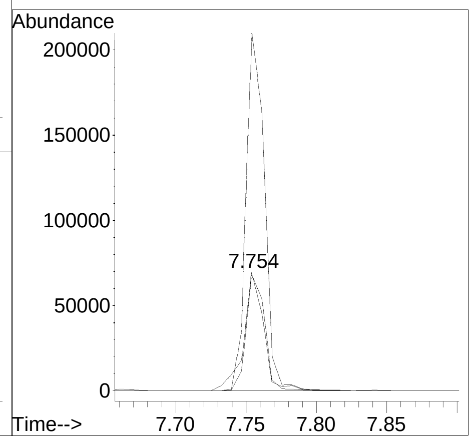


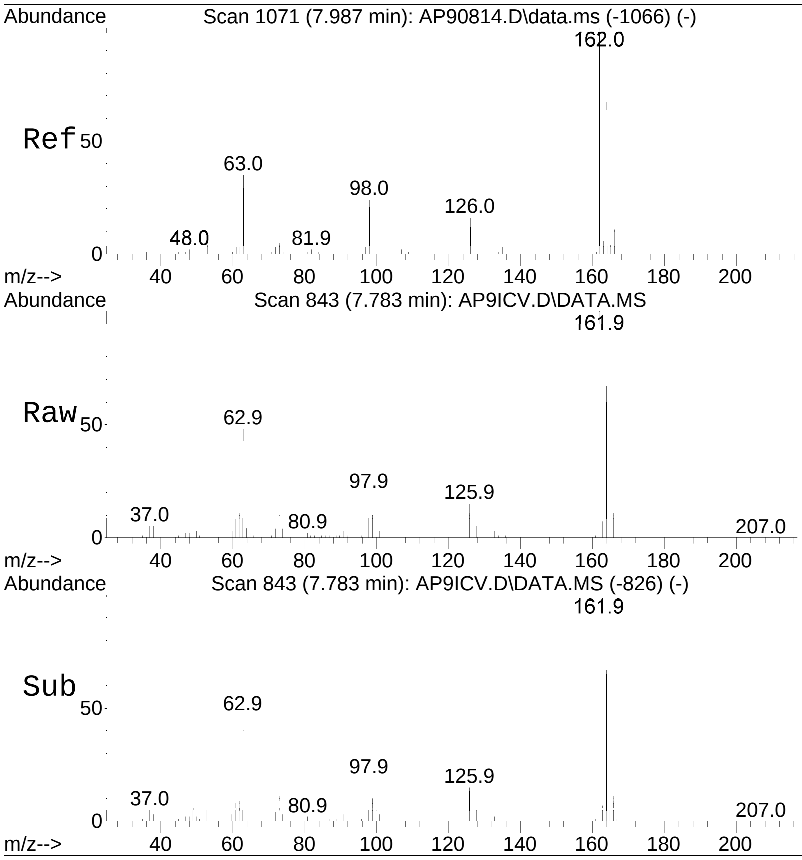


#57
3-Chloroaniline
Concen: 6.38 ug/ml
RT: 7.754 min Scan# 839
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion: 65 Resp: 67613

Ion	Ratio	Lower	Upper
65	100		
127	281.0	243.2	364.8
129	91.1	78.8	118.2

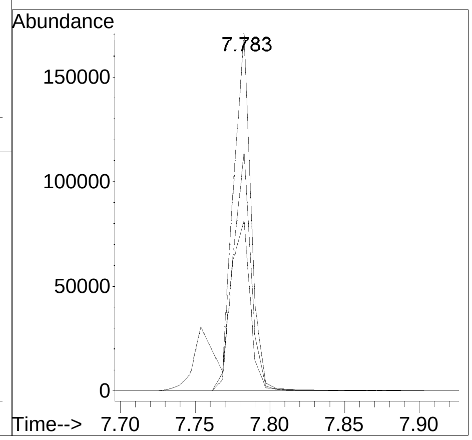


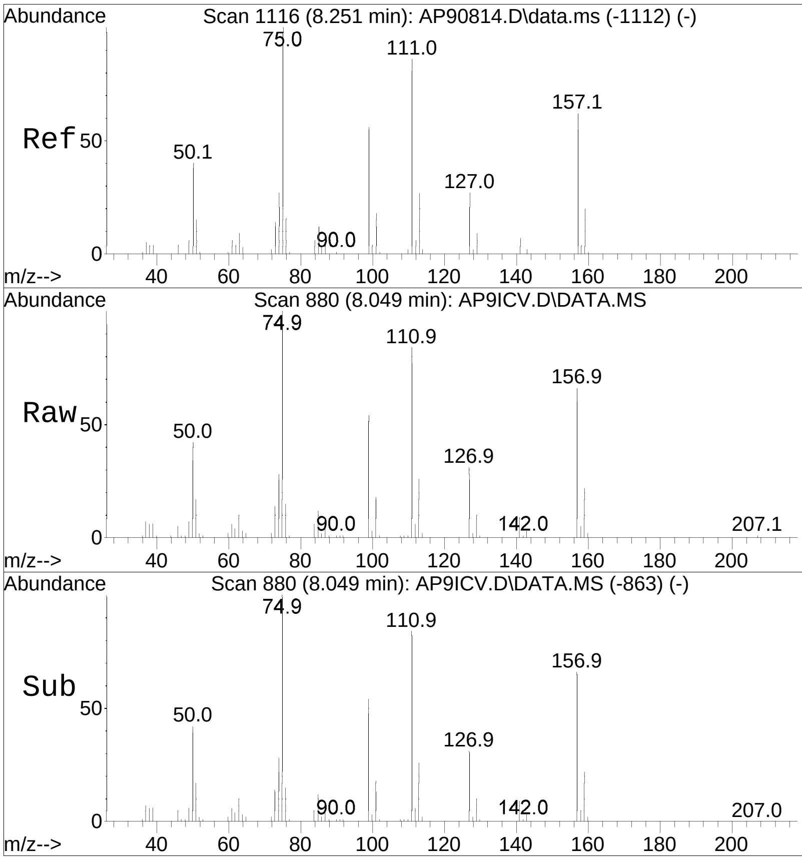


#58
2,6-Dichlorophenol
Concen: 6.21 ug/ml
RT: 7.783 min Scan# 843
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion:162 Resp: 140408

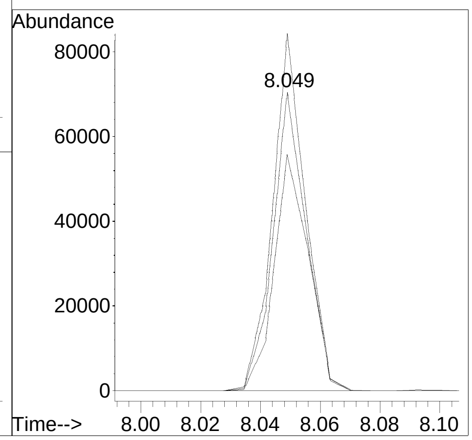
Ion	Ratio	Lower	Upper
162	100		
164	66.6	51.1	76.7
63	71.9	60.8	91.2

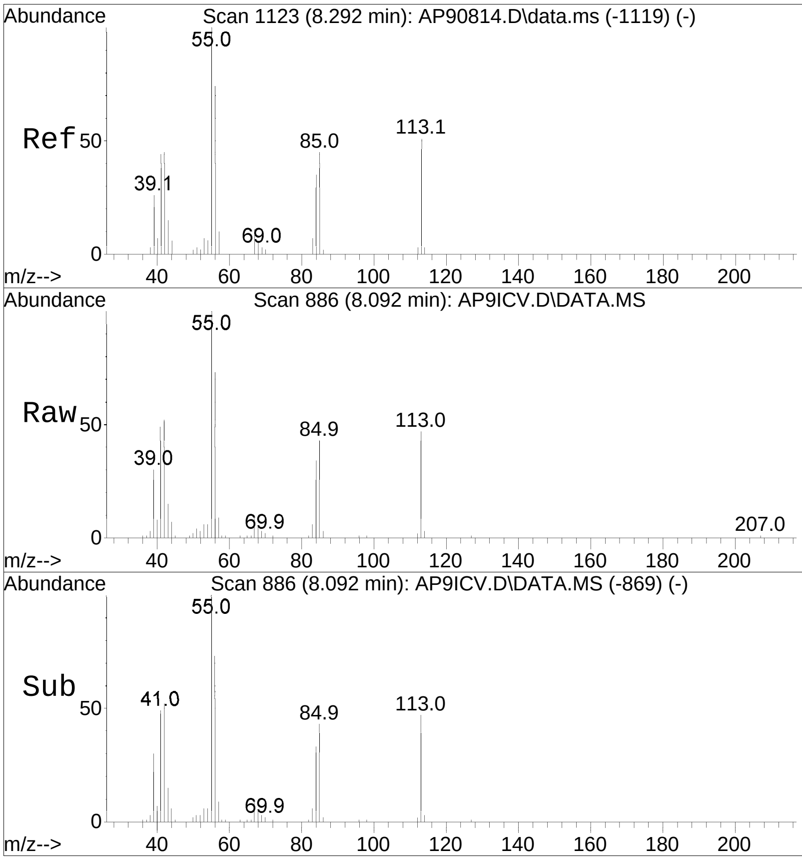




#59
1-chloro-2-nitrobenzene
Concen: 6.05 ug/ml
RT: 8.049 min Scan# 880
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion:111	Resp:		54134
Ion	Ratio	Lower	Upper
111	100		
157	82.1	0.0	0.0#
75	118.1	28.2	42.2#

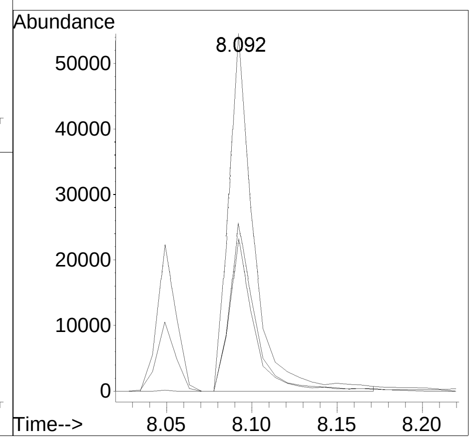




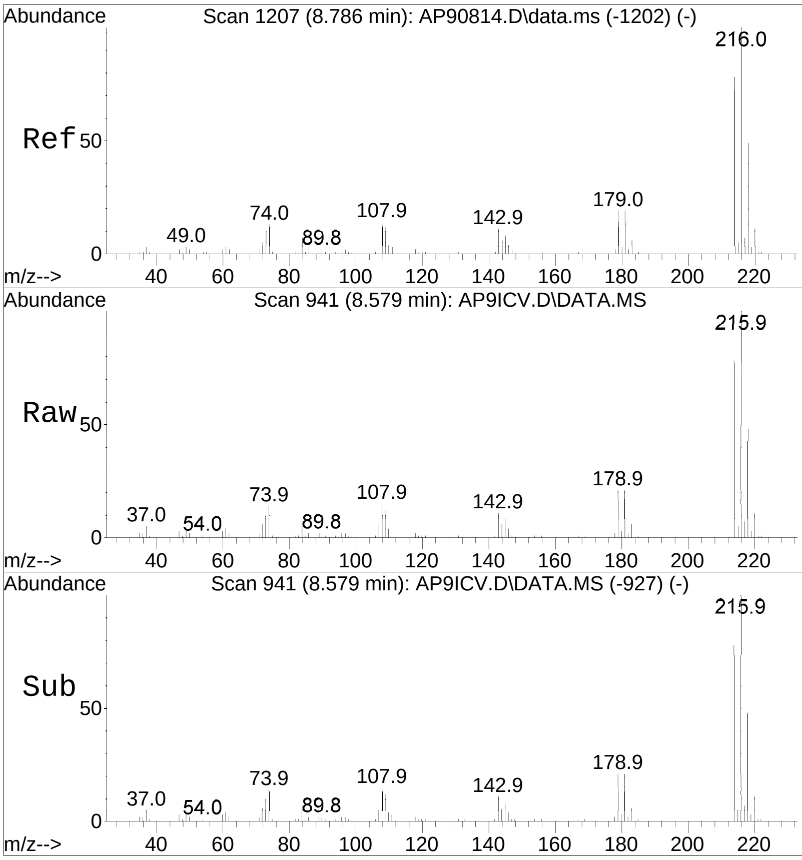
#60
Caprolactam
Concen: 4.64 ug/ml
RT: 8.092 min Scan# 886
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion: 55 Resp: 56048

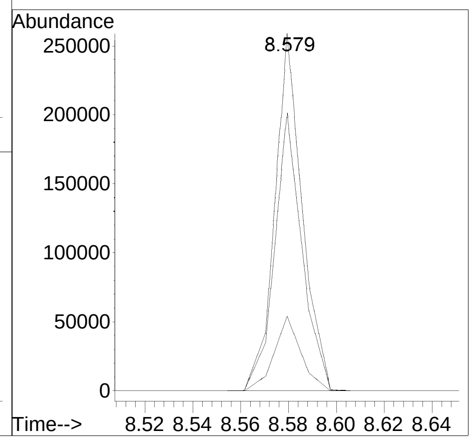
Ion	Ratio	Lower	Upper
55	100		
85	41.5	19.8	29.6#
113	47.2	29.6	44.4#

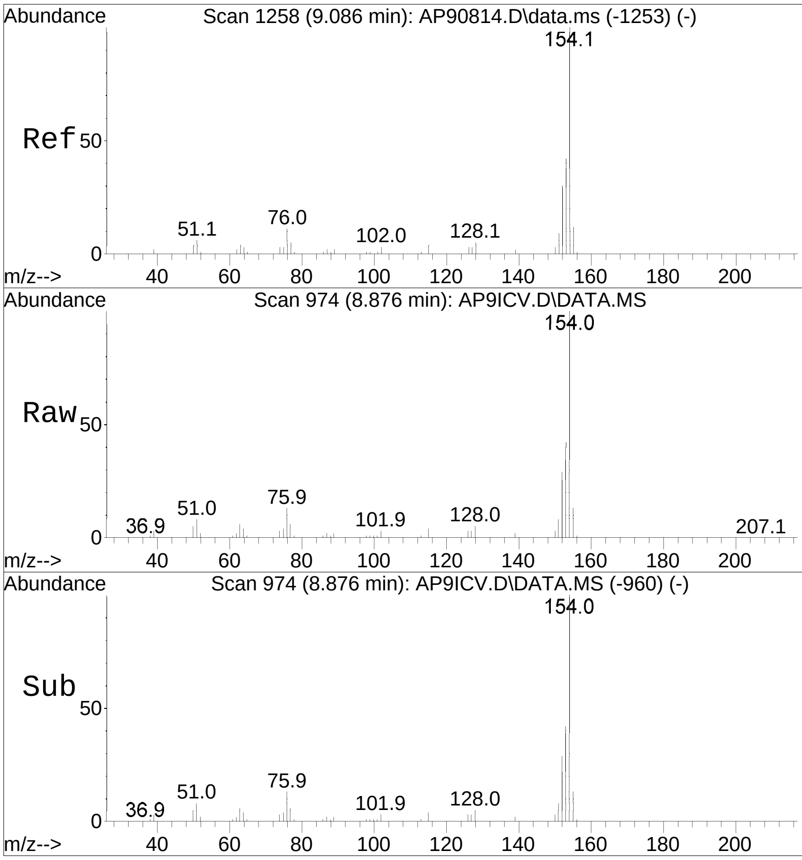


#61
1,2,4,5-Tetrachlorobenzene
Concen: 6.09 ug/ml
RT: 8.579 min Scan# 941
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm



Tgt	Ion:216	Resp:	204905
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.7	95.5
179	20.5	19.0	28.6

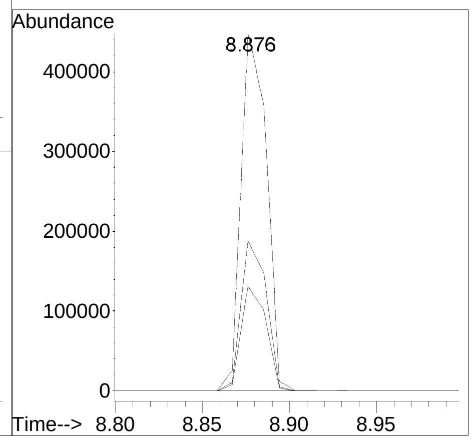


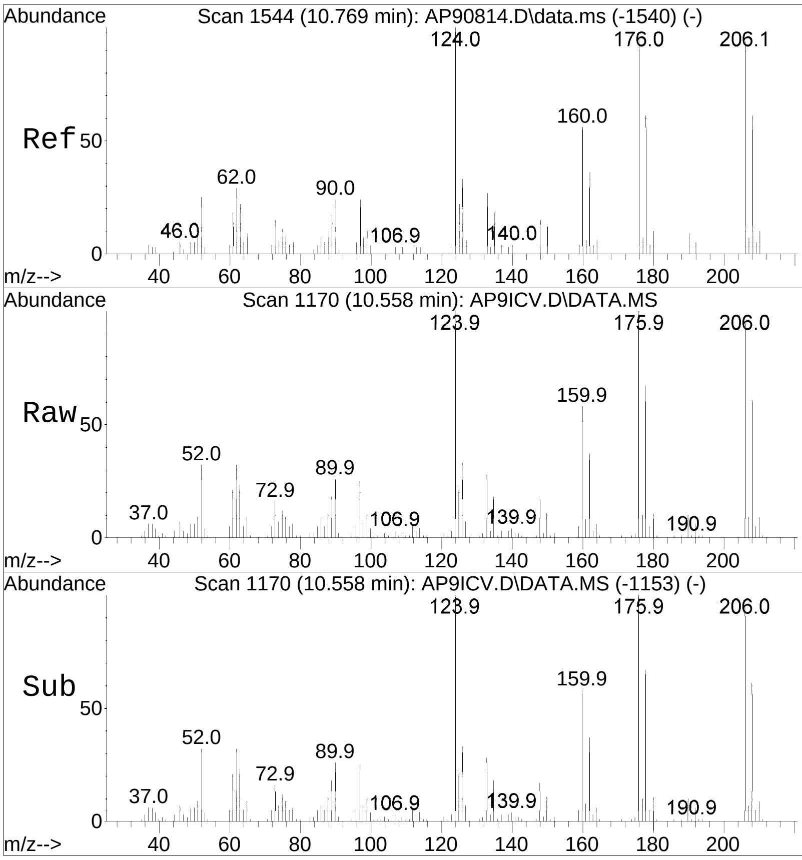


#62
Biphenyl
Concen: 5.97 ug/ml
RT: 8.876 min Scan# 974
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion:154 Resp: 455454

Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.3	48.5
152	28.9	22.5	33.7

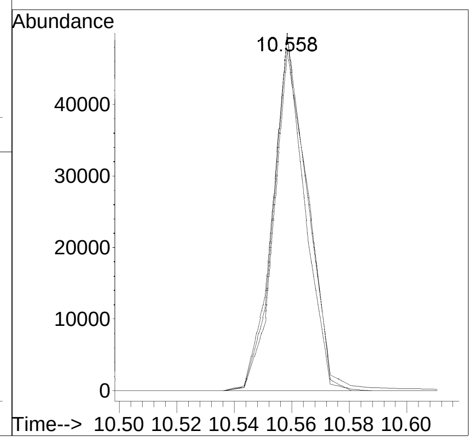


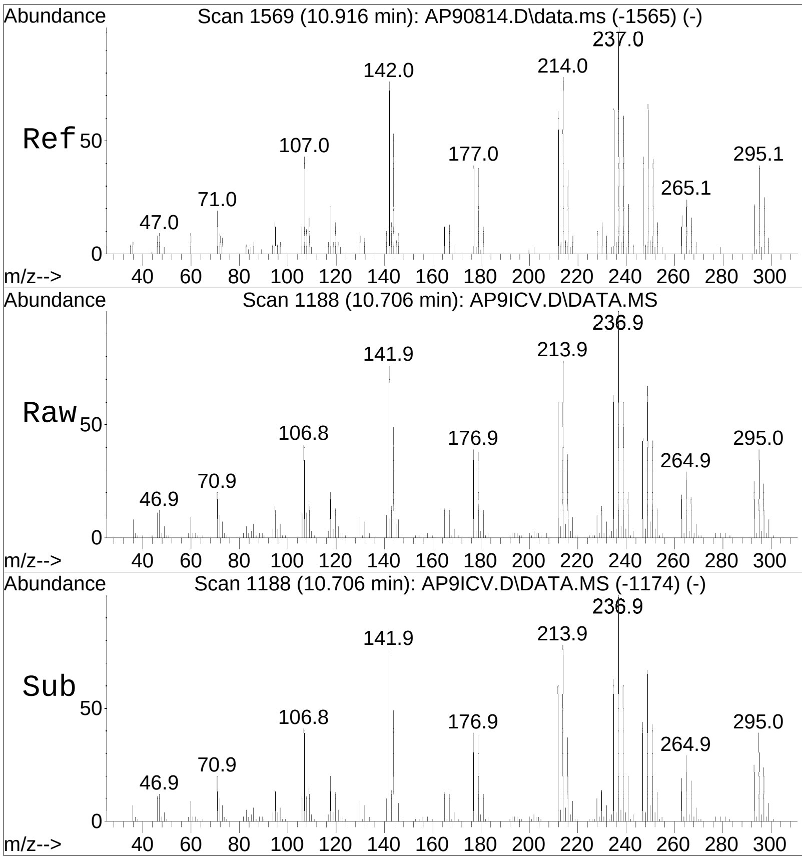


#84
Dichloran
Concen: 4.63 ug/ml
RT: 10.558 min Scan# 1170
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion:206 Resp: 38715

Ion	Ratio	Lower	Upper
206	100		
176	121.8	104.6	157.0
124	99.2	130.5	195.7#

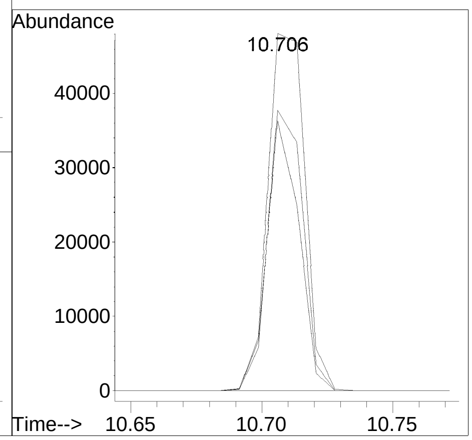


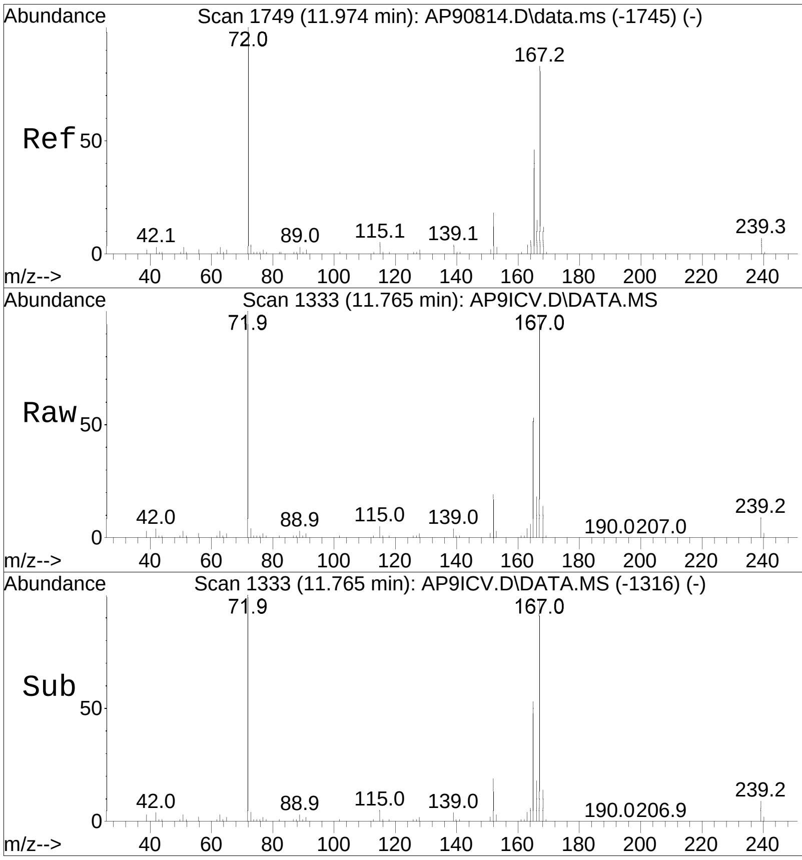


#85
Pentachloronitrobenzene
Concen: 5.35 ug/ml
RT: 10.706 min Scan# 1188
Delta R.T. -0.007 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion:237 Resp: 47459

Ion	Ratio	Lower	Upper
237	100		
142	65.3	77.0	115.4#
214	74.4	58.2	87.4

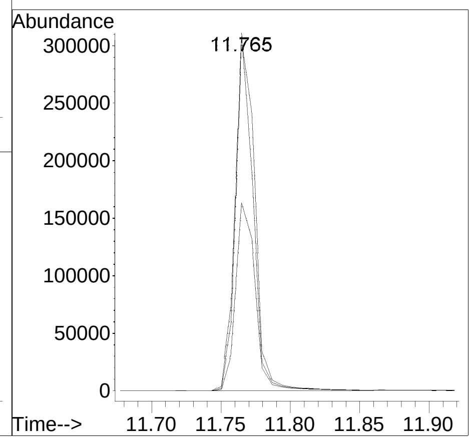




#99
Diphenamid
Concen: 5.34 ug/ml
RT: 11.765 min Scan# 1333
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 5 Mar 2025 12:44 pm

Tgt Ion:167 Resp: 293950

Ion	Ratio	Lower	Upper
167	100		
72	93.8	109.7	164.5#
165	55.0	41.8	62.6



Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : AP9ICV.D                  Operator    : SV107:mrg
Date Inj'd  : 3/5/2025 12:44 pm         Instrument  : SV107
Sample      : CQICV2,32,,AP9ICV Lot# 114Quant Date  : 3/5/2025  2:59 pm
```

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV107\250304ical\
Data File : ADPICV.D
Acq On : 5 Mar 2025 1:09 pm
Operator : SV107:mrg
Sample : CQICV,32,,ADPICV Lot# 11454
Misc : WG2037043
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 05 14:47:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	94	0.00
33		1,4-Dioxane		0.528	0.461	12.7	96	-0.02
34	T	n-Decane		1.421	1.420	0.1	100	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	96	0.00
87	T	Atrazine	*	5.000	5.310	-6.2	104	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	99	0.00
101	T	n-Octadecane		0.368	0.389	-5.7	104	0.00
102	T	Parathion	*	5.000	5.125	-2.5	104	0.00
103	T	3,3'-Dimethylbenzidine	*	5.000	4.971	0.6	101	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250304ical\
Data File : ADPICV.D
Acq On    :  5 Mar 2025   1:09 pm
Operator  : SV107:mrg
Sample    : CQICV,32,,ADPICV Lot# 11454
Misc      : WG2037043
ALS Vial  : 36   Sample Multiplier: 1

Quant Time: Mar 05 14:47:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250304ical\ADPL6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   6.222  152     90569     4.000 ug/ml    0.00
    Standard Area 1 = 96160                 Recovery   =   94.19%
 86) IS3_Acenaphthene-d10        9.421  164    191139     4.000 ug/ml    0.00
    Standard Area 1 = 199777                 Recovery   =   95.68%
100) IS3_Phenanthrene-d10       10.859  188    451730     4.000 ug/ml  # 0.00
    Standard Area 1 = 458036                 Recovery   =   98.62%

 System Monitoring Compounds

 Target Compounds                                                   Qvalue
 33) 1,4-Dioxane                 1.660   88     52148      4.361 ug/ml#    75
 34) n-Decane                    6.120   57    160788      4.997 ug/ml#    44
 87) Atrazine                   10.640  200    100565      5.310 ug/ml     95
101) n-Octadecane               10.845   57    219612      5.287 ug/ml#     1
102) Parathion                  11.648  109     31155      5.125 ug/ml#    95
103) 3,3'-Dimethylbenzidine     12.918  212    290640      4.971 ug/ml     97
 --------------------------------------------------------------------------

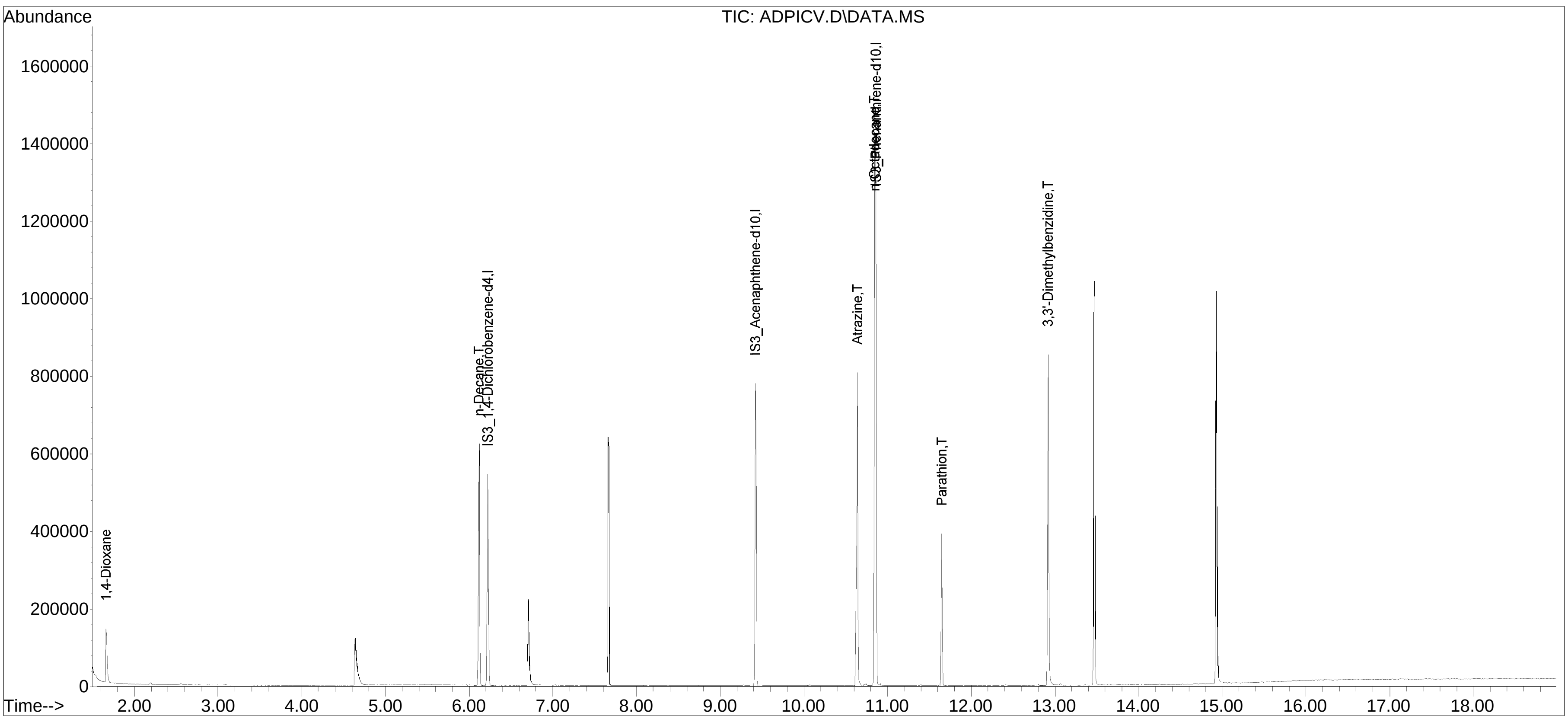
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

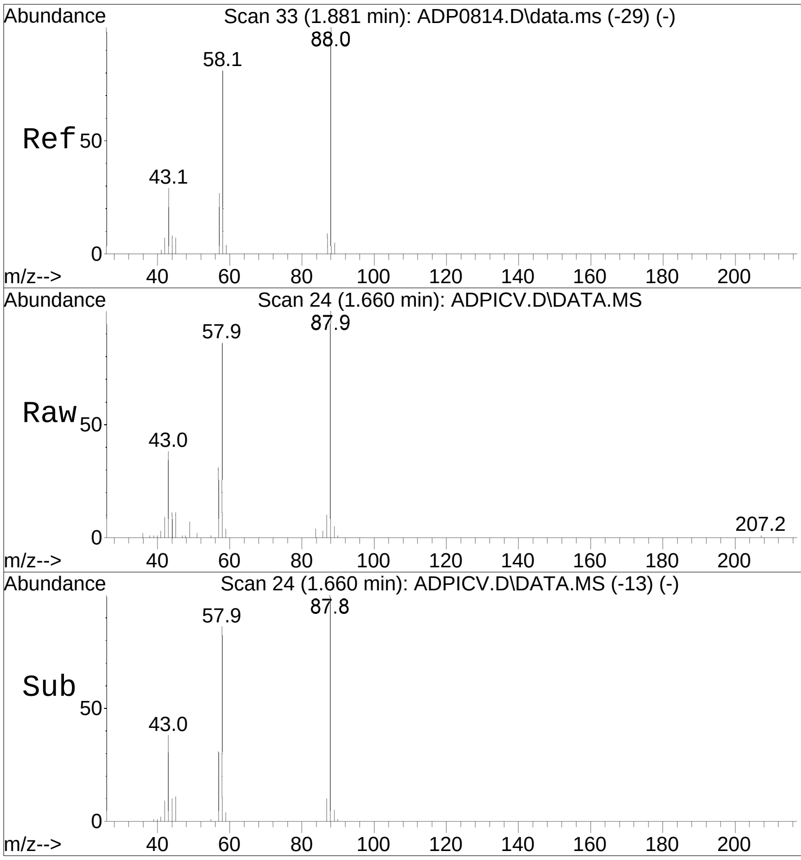
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250304ical\
Data File : ADPICV.D
Acq On   : 5 Mar 2025   1:09 pm
Operator : SV107:mrg
Sample   : CQICV,32,,ADPICV Lot# 11454
Misc   : WG2037043
ALS Vial : 36   Sample Multiplier: 1

Quant Time: Mar 05 14:47:12 2025
Quant Method : I:\8270\SV107\250304ical\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 14:45:15 2025
Response via : Initial Calibration

Sub List   : ADPical_REV2 - ADP sublistal\ADPL6.D•

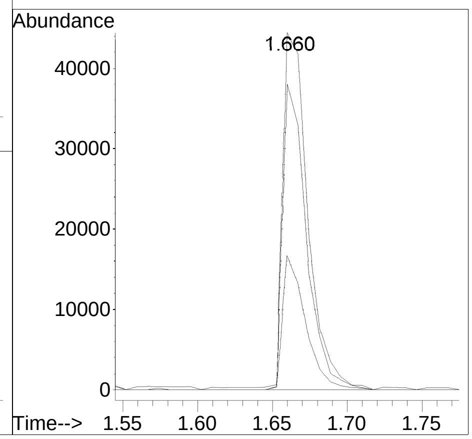


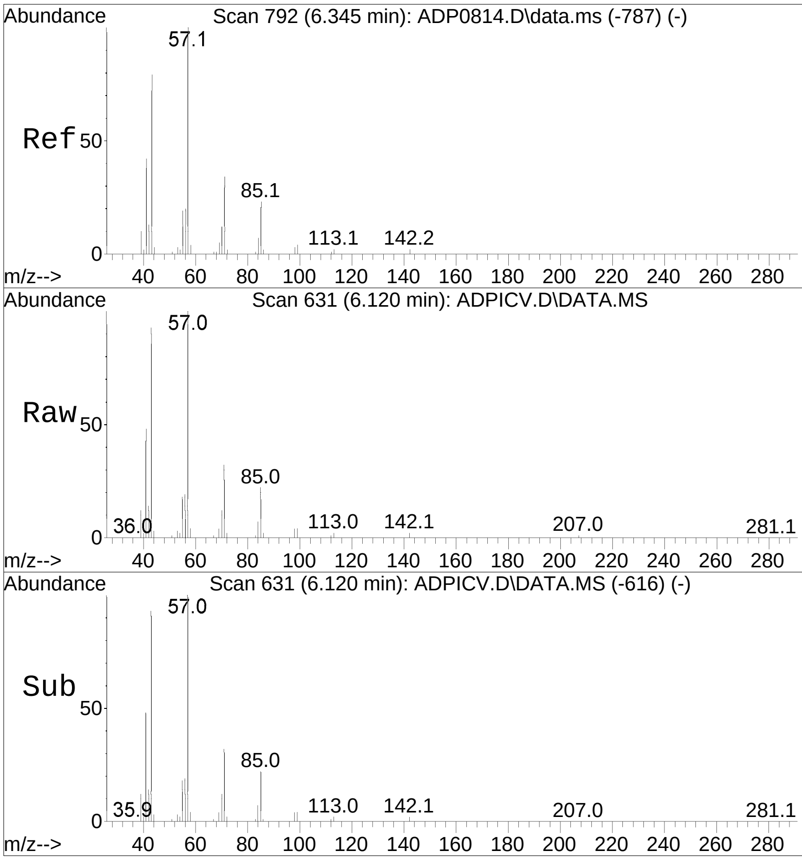


#33
1,4-Dioxane
Concen: 4.36 ug/ml
RT: 1.660 min Scan# 24
Delta R.T. -0.022 min
Lab File: ADPICV.D
Acq: 5 Mar 2025 1:09 pm

Tgt Ion: 88 Resp: 52148

Ion	Ratio	Lower	Upper
88	100		
58	79.6	44.8	67.2#
43	33.9	22.4	33.6#

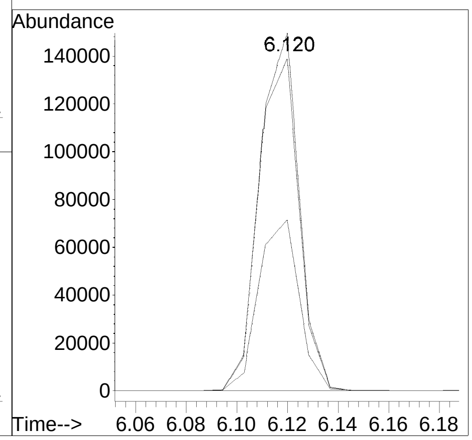


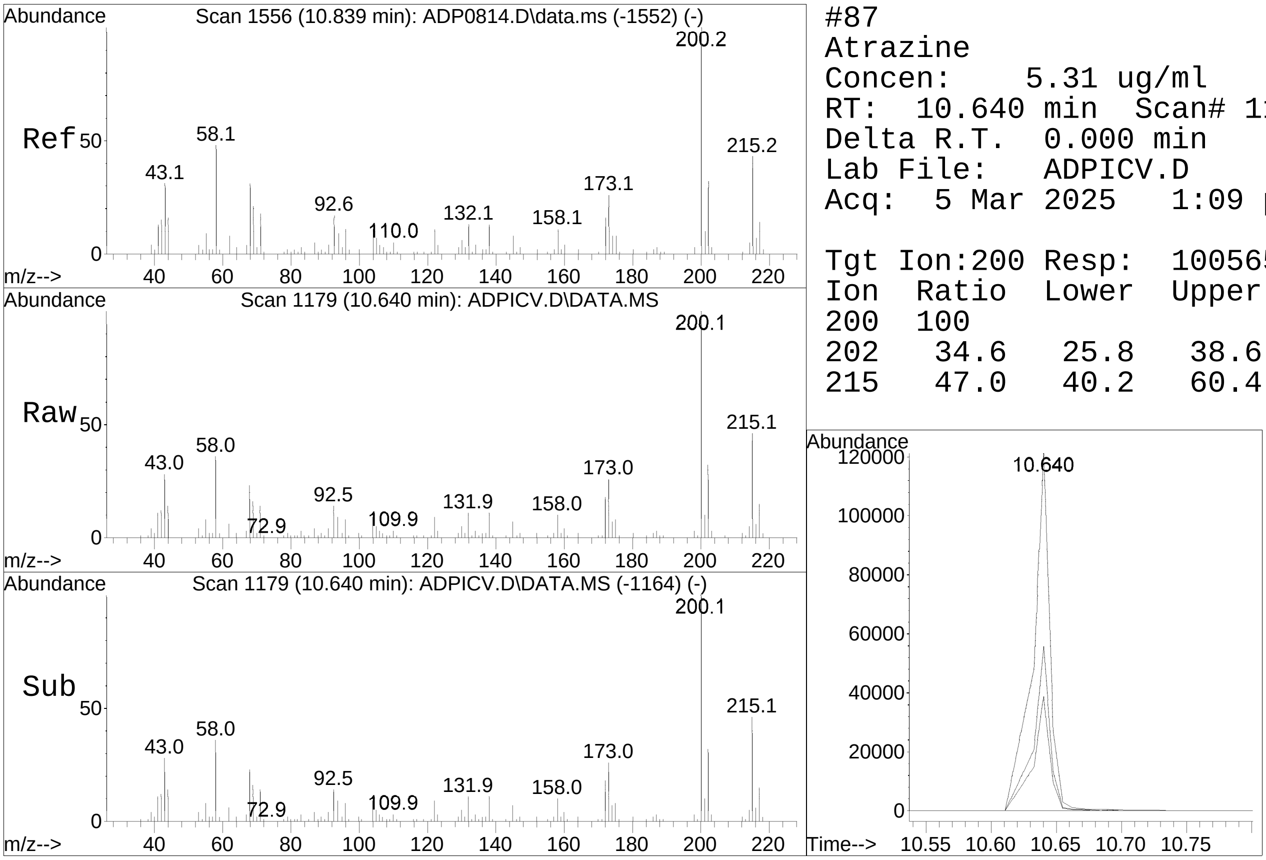


#34
n-Decane
Concen: 5.00 ug/ml
RT: 6.120 min Scan# 631
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 5 Mar 2025 1:09 pm

Tgt Ion: 57 Resp: 160788

Ion	Ratio	Lower	Upper
57	100		
43	95.6	0.2	0.2#
41	49.5	0.2	0.2#

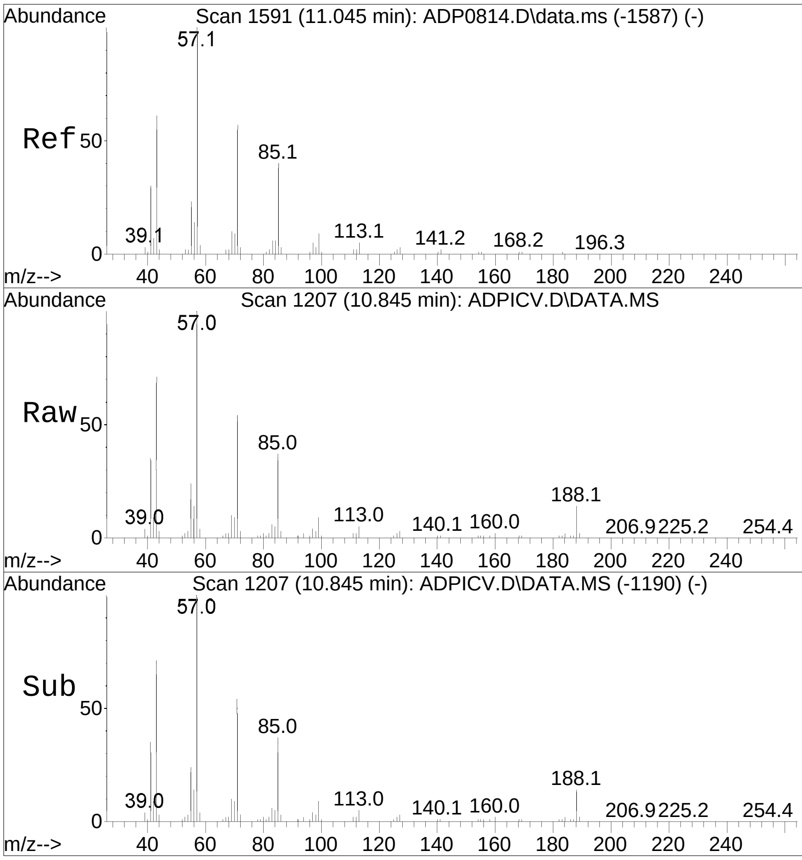




#87
Atrazine
Concen: 5.31 ug/ml
RT: 10.640 min Scan# 1179
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 5 Mar 2025 1:09 pm

Tgt Ion:200 Resp: 100565

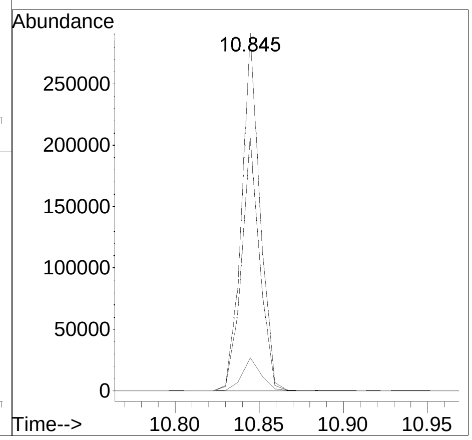
Ion	Ratio	Lower	Upper
200	100		
202	34.6	25.8	38.6
215	47.0	40.2	60.4

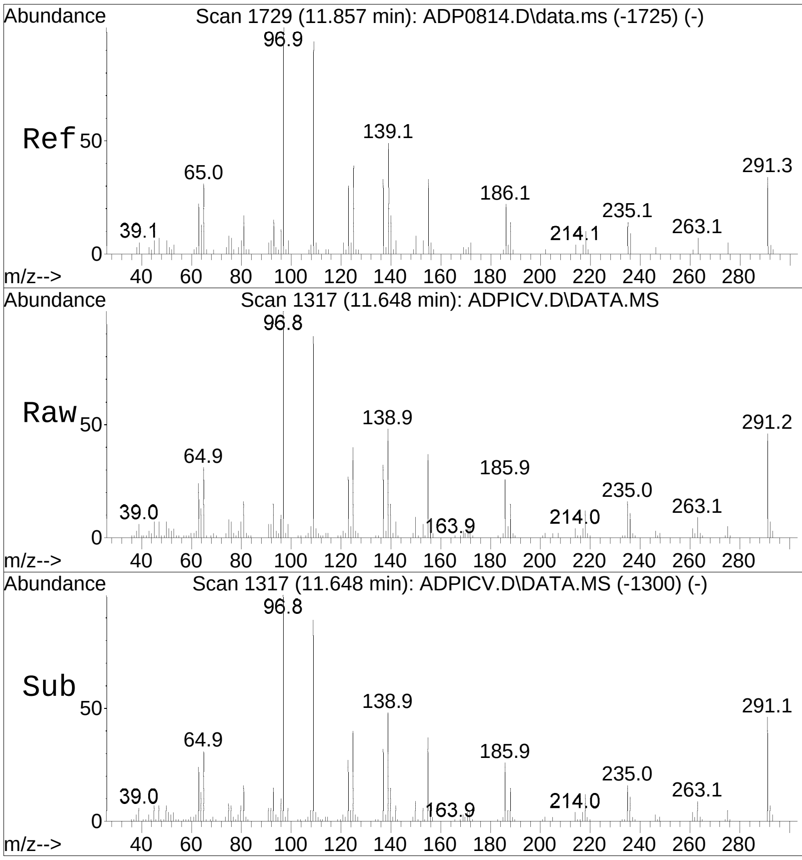


#101
n-Octadecane
Concen: 5.29 ug/ml
RT: 10.845 min Scan# 1207
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 5 Mar 2025 1:09 pm

Tgt Ion: 57 Resp: 219612

Ion	Ratio	Lower	Upper
57	100		
43	71.2	9.0	13.6#
70	9.5	0.2	0.2#

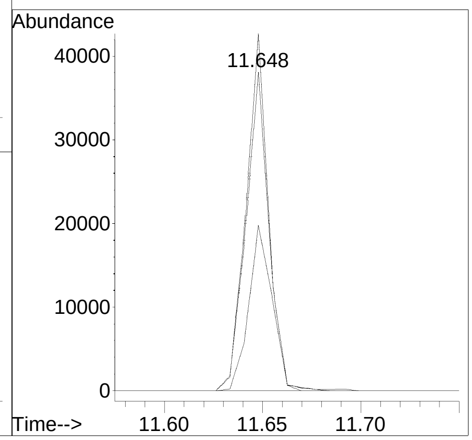


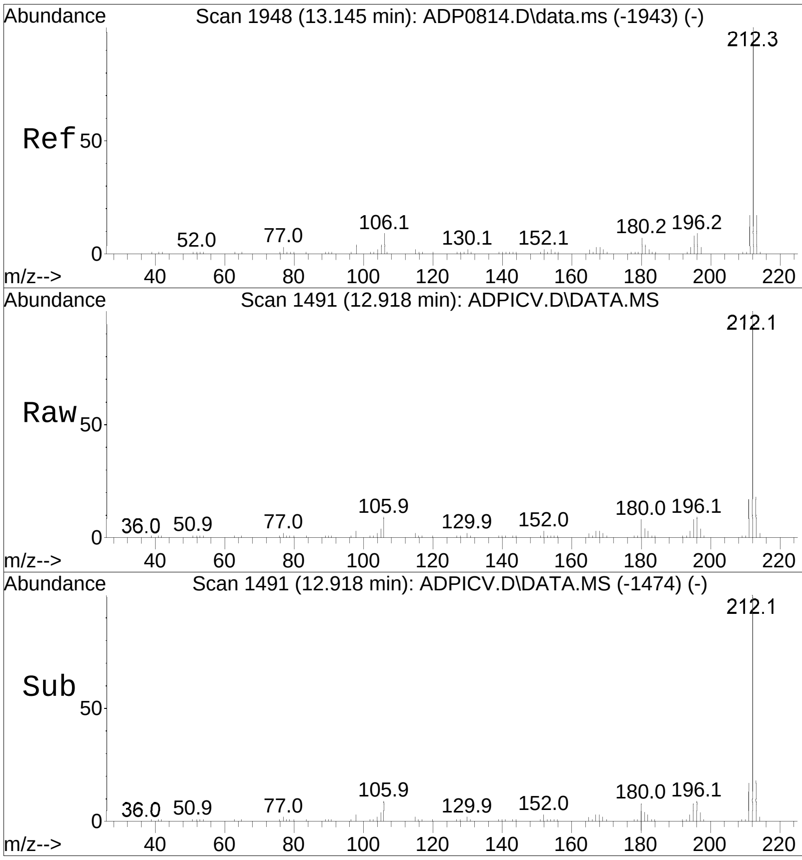


#102
Parathion
Concen: 5.13 ug/ml
RT: 11.648 min Scan# 1317
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 5 Mar 2025 1:09 pm

Tgt Ion:109 Resp: 31155

Ion	Ratio	Lower	Upper
109	100		
97	107.6	87.4	131.2
291	52.2	34.2	51.2#

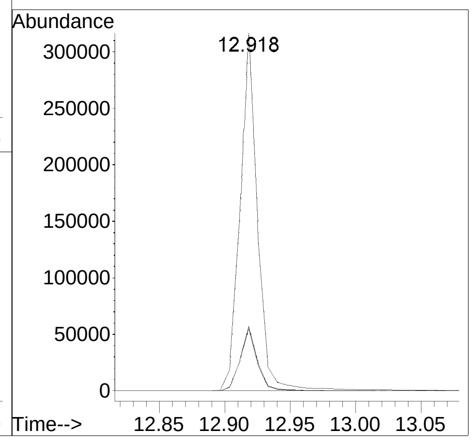




#103
3,3'-Dimethylbenzidine
Concen: 4.97 ug/ml
RT: 12.918 min Scan# 1491
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 5 Mar 2025 1:09 pm

Tgt Ion:212 Resp: 290640

Ion	Ratio	Lower	Upper
212	100		
211	17.1	12.9	19.3
213	18.0	13.2	19.8



Manual Integration Report

```
Data Path   : I:\8270\SV107\250304ical\ QMethod     : FS250303SV107RVT.m
Data File   : ADPICV.D                   Operator    : SV107:mrg
Date Inj'd  : 3/5/2025  1:09 pm          Instrument  : SV107
Sample      : CQICV,32,,ADPICV Lot# 1145Quant Date  : 3/5/2025  2:48 pm
```

There are no manual integrations or false positives in this file.

Method Path : I:\8270\SV107\250304ical\
Method File : FS250303SV107RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 05 14:58:54 2025

		COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
37	T	Benzoic Acid	Q	ug/ml	5.0	4.581	-8.4	0.10	0.082	-18.0
49	T	1,4-Dinitrobenzene	L	ug/ml	5.0	4.204	-15.9	0.50	0.704	40.8
60	T	Caprolactam	L	ug/ml	5.0	4.159	-16.8	0.50	0.722	44.4
66	T	2,4-Dinitrophenol	Q	ug/ml	5.0	4.639	-7.2	0.20	0.285	42.5
76	T	4,6-Dinitro-o-cresol	L	ug/ml	5.0	4.380	-12.4	0.50	0.712	42.4
84	T	Dichloran	Q	ug/ml	5.0	3.872	-22.6	0.50	0.749	49.8
85	T	Pentachloronitrobenzene	L	ug/ml	5.0	4.398	-12.0	1.00	1.318	31.8
87	T	Atrazine	Q	ug/ml	5.0	4.961	-0.8	0.10	0.109	9.0
94	T	Benzidine	L	ug/ml	5.0	4.745	-5.1	0.50	0.621	24.2
97	T	Butyl benzyl phthalate	L	ug/ml	5.0	4.342	-13.2	0.50	0.727	45.4
99	T	Diphenamid	L	ug/ml	5.0	4.121	-17.6	0.50	0.722	44.4
102	T	Parathion	Q	ug/ml	5.0	4.924	-1.5	0.10	0.069	-31.0
103	T	3,3'-Dimethylbenzidine	Q	ug/ml	5.0	4.896	-2.1	0.50	0.575	15.0
108	T	Bis(2-ethylhexyl)phthalate	Q	ug/ml	5.0	4.902	-2.0	0.20	0.281	40.5
109	T	Di-n-octylphthalate	Q	ug/ml	5.0	4.649	-7.0	0.50	0.677	35.4

Calibration Correlation Report

		COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
37	T	Benzoic Acid	Quadratic	0.998513	0.022653	0.10967	0.000110453
49	T	1,4-Dinitrobenzene	Linear	0.993569	0.000000	0.160286	-0.0164888
60	T	Caprolactam	Linear	0.991919	0.000000	0.16976	-0.0189073
66	T	2,4-Dinitrophenol	Quadratic	0.996799	0.003311	0.140205	-0.00725341
76	T	4,6-Dinitro-o-cresol	Linear	0.994119	0.000000	0.241159	-0.0253856
84	T	Dichloran	Quadratic	0.984704	0.005621	0.176864	-0.0210489
85	T	Pentachloronitrobenzene	Linear	0.994769	0.000000	0.203149	-0.0371623
87	T	Atrazine	Quadratic	0.999862	0.052240	0.326159	0.00104804
94	T	Benzidine	Linear	0.998067	0.000000	0.829246	-0.0730617
97	T	Butyl benzyl phthalate	Linear	0.992842	0.000000	0.54434	-0.0646317
99	T	Diphenamid	Linear	0.992127	0.000000	0.548445	-0.061281
102	T	Parathion	Quadratic	0.999657	0.014504	0.0345046	0.000941376
103	T	3,3'-Dimethylbenzidine	Quadratic	0.999176	0.093950	0.42632	-0.0314679
108	T	Bis(2-ethylhexyl)phthalate	Quadratic	0.997028	0.014214	0.719168	-0.031588
109	T	Di-n-octylphthalate	Quadratic	0.995266	0.022356	1.24644	-0.130424

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2511919	
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504	
Instrument ID	: SV107	Calibration Date	: 03/09/25 11:22	
Lab File ID	: ABN0309	Init. Calib. Date(s)	: 03/04/25	03/05/25
Sample No	: WG2038279-3	Init. Calib. Times	: 21:51	12:18
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	96	0
n-Nitrosodimethylamine	0.675	0.735	-	-8.9	20	101	0
Pyridine	1.237	0.821	-	33.6*	20	67	0
2-Fluorophenol	1.016	1.093	-	-7.6	20	103	0
Aniline	1.57	1.699	-	-8.2	20	100	0
2-Chlorophenol	1.138	1.199	-	-5.4	20	102	0
Phenol-d6	1.238	1.256	-	-1.5	20	97	0
Phenol	1.39	1.401	-	-0.8	20	98	0
Bis(2-chloroethyl)ether	1.108	1.117	-	-0.8	20	101	0
1,3-Dichlorobenzene	1.505	1.441	-	4.3	20	96	0
1,4-Dichlorobenzene	1.552	1.449	-	6.6	20	95	0
1,2-Dichlorobenzene	1.469	1.373	-	6.5	20	94	0
Benzyl alcohol	0.85	0.908	-	-6.8	20	100	0
Bis(2-chloroisopropyl)ethe	1.811	2.175	-	-20.1*	20	119	0
2-Methylphenol	1.021	1.218	-	-19.3	20	114	0
Hexachloroethane	0.519	0.544	-	-4.8	20	103	0
n-Nitrosodi-n-propylamine	0.804	0.811	-	-0.9	20	94	0
3-Methylphenol/4-Methylphe	1.078	1.095	-	-1.6	20	97	0
Nitrobenzene-d5	1.126	1.138	-	-1.1	20	95	0
Nitrobenzene	1.14	1.173	-	-2.9	20	96	0
Isophorone	2.19	2.122	-	3.1	20	91	0
2-Nitrophenol	0.54	0.575	-	-6.5	20	105	0
2,4-Dimethylphenol	1.161	1.167	-	-0.5	20	94	0
Bis(2-chloroethoxy)methane	1.589	1.726	-	-8.6	20	99	0
2,4-Dichlorophenol	1.18	1.355	-	-14.8	20	107	0
1,2,4-Trichlorobenzene	1.517	1.309	-	13.7	20	88	0
IS1_Naphthalene-d8	1	1	-	0	20	96	0
Naphthalene	1.028	0.984	-	4.3	20	97	0
Benzoic Acid	5	5.389	-	-7.8	20	117	0
4-Chloroaniline	0.13	0.123	-	5.4	20	93	0
Hexachlorobutadiene	0.247	0.214	-	13.4	20	89	0
p-Chloro-m-cresol	0.273	0.276	-	-1.1	20	93	0
2-Methylnaphthalene	0.657	0.608	-	7.5	20	92	0
1-Methylnaphthalene	0.236	0.22	-	6.8	20	92	0
Hexachlorocyclopentadiene	0.278	0.243	-	12.6	20	83	0
2,4,6-Trichlorophenol	0.264	0.244	-	7.6	20	85	0
2,4,5-Trichlorophenol	0.275	0.258	-	6.2	20	87	0
2-Fluorobiphenyl	0.982	0.795	-	19	20	81	0
2-Chloronaphthalene	0.795	0.692	-	13	20	88	0
2-Nitroaniline	0.194	0.187	-	3.6	20	91	0
1,4-Dinitrobenzene	5	0.813	-	83.7*	20	10	0
1,3-Dinitrobenzene	0.128	0.114	-	10.9	20	84	0
Dimethyl phthalate	0.963	0.813	-	15.6	20	79	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV107	**Calibration Date**	: 03/09/25 11:22
Lab File ID	: ABN0309	**Init. Calib. Date(s)**	: 03/04/25 03/05/25
Sample No	: WG2038279-3	**Init. Calib. Times**	: 21:51 12:18
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.211	1.143	-	5.6	20	89	0
2,6-Dinitrotoluene	0.18	0.165	-	8.3	20	83	0
1,2-Dinitrobenzene	0.077	0.074	-	3.9	20	84	0
IS1_Acenaphthene-d10	1	1	-	0	20	85	0
3-Nitroaniline	0.26	0.289	-	-11.2	20	84	0
Acenaphthene	1.082	1.034	-	4.4	20	88	0
2,4-Dinitrophenol	5	5.577	-	-11.5	20	104	0
Dibenzofuran	1.846	1.734	-	6.1	20	82	0
2,4-Dinitrotoluene	0.377	0.382	-	-1.3	20	81	0
4-Nitrophenol	0.2	0.232	-	-16	20	93	0
2,3,5,6-Tetrachlorophenol	0.33	0.351	-	-6.4	20	83	0
2,3,4,6-Tetrachlorophenol	0.355	0.397	-	-11.8	20	83	0
Diethyl phthalate	1.332	1.32	-	0.9	20	82	0
Fluorene	1.43	1.375	-	3.8	20	83	0
4-Chlorophenyl phenyl ethe	0.733	0.668	-	8.9	20	82	0
4-Nitroaniline	0.246	0.283	-	-15	20	86	0
4,6-Dinitro-o-cresol	5	5.188	-	-3.8	20	102	0
NDPA/DPA	1.2	1.164	-	3	20	82	0
Azobenzene	1.133	1.212	-	-7	20	86	0
2,4,6-Tribromophenol	0.201	0.149	-	25.9*	20	58	0
4-Bromophenyl phenyl ether	0.439	0.369	-	15.9	20	73	0
Hexachlorobenzene	0.513	0.388	-	24.4*	20	68	0
Pentachlorophenol	0.28	0.251	-	10.4	20	75	0
IS1_Phenanthrene-d10	1	1	-	0	20	79	0
Phenanthrene	1.129	1.08	-	4.3	20	80	0
Anthracene	1.081	1.093	-	-1.1	20	80	0
Carbazole	0.973	1.022	-	-5	20	81	0
Di-n-butylphthalate	0.996	1.151	-	-15.6	20	83	0
Fluoranthene	1.236	1.309	-	-5.9	20	81	0
Benzidine	5	5.669	-	-13.4	20	96	0
Pyrene	1.297	1.397	-	-7.7	20	81	0
4-Terphenyl-d14	0.965	0.898	-	6.9	20	73	0
Butyl benzyl phthalate	5	5.167	-	-3.3	20	96	0
IS1_Chrysene-d12	1	1	-	0	20	80	0
Benzo(a)anthracene	1.249	1.369	-	-9.6	20	87	0
3,3'-Dichlorobenzidine	0.403	0.464	-	-15.1	20	80	0
Chrysene	1.233	1.153	-	6.5	20	81	0
Bis(2-ethylhexyl)phthalate	5	5.391	-	-7.8	20	89	0
Di-n-octylphthalate	5	6.069	-	-21.4*	20	108	0
Benzo(b)fluoranthene	1.211	1.175	-	3	20	72	0
Benzo(k)fluoranthene	1.049	1.11	-	-5.8	20	89	0
Benzo(a)pyrene	1.009	1.107	-	-9.7	20	84	0
IS1_Perylene-d12	1	1	-	0	20	81	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV107**	**Calibration Date**	**: 03/09/25 11:22**
Lab File ID	**: ABN0309**	**Init. Calib. Date(s)**	**: 03/04/25 03/05/25**
Sample No	**: WG2038279-3**	**Init. Calib. Times**	**: 21:51 12:18**
Channel	**:**		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.005	1.114	-	-10.8	20	84	0
Dibenzo(a,h)anthracene	1	1.044	-	-4.4	20	82	0
Benzo(ghi)perylene	1.011	1.059	-	-4.7	20	84	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919	
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504	
Instrument ID	: SV107	**Calibration Date**	: 03/09/25 11:47	
Lab File ID	: AP90309	**Init. Calib. Date(s)**	: 03/04/25	03/05/25
Sample No	: WG2038279-4	**Init. Calib. Times**	: 21:51	12:18
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	121	0
Benzaldehyde	0.859	0.764	-	11.1	20	111	0
Acetophenone	1.472	1.503	-	-2.1	20	125	0
m-Toluidine	1.5	1.31	-	12.7	20	112	0
2-Chloroaniline	1.381	1.385	-	-0.3	20	126	0
IS2_Naphthalene-d8	1	1	-	0	20	123	0
a-Terpineol	0.229	0.274	-	-19.7	20	151	0
3-Chloroaniline	0.135	0.13	-	3.7	20	115	0
2,6-Dichlorophenol	0.288	0.288	-	0	20	121	0
1-chloro-2-nitrobenzene	0.114	0.125	-	-9.6	20	134	0
Caprolactam	5	4.056	-	18.9	20	120	0
1,2,4,5-Tetrachlorobenzene	0.428	0.363	-	15.2	20	107	0
Biphenyl	0.969	0.814	-	16	20	107	0
IS2_Acenaphthene-d10	1	1	-	0	20	106	0
Dichloran	5	4.124	-	17.5	20	114	0
Pentachloronitrobenzene	5	4.223	-	15.5	20	101	0
IS2_Phenanthrene-d10	1	1	-	0	20	90	0
Diphenamid	5	4.306	-	13.9	20	95	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919	
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504	
Instrument ID	: SV107	**Calibration Date**	: 03/09/25 12:13	
Lab File ID	: ADP0309	**Init. Calib. Date(s)**	: 03/04/25	03/05/25
Sample No	: WG2038279-5	**Init. Calib. Times**	: 21:51	12:18
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	110	0
1,4-Dioxane	0.528	0.43	-	18.6	20	104	0
n-Decane	1.421	1.289	-	9.3	20	105	0
IS3_Acenaphthene-d10	1	1	-	0	20	106	0
Atrazine	5	1.076	-	78.5*	20	20	0
IS3_Phenanthrene-d10	1	1	-	0	20	97	0
n-Octadecane	0.368	0.384	-	-4.3	20	101	0
Parathion	5	6.221	-	-24.4*	20	133	0
3,3'-Dimethylbenzidine	5	5.635	-	-12.7	20	116	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV107\250309RVTa\
Data File : ABN0309.D
Acq On : 9 Mar 2025 11:22 am
Operator : SV107:slr
Sample : WG2038279-3,32,,ABN 11297 gmr0304A
Misc : WG2038279,,ical22052
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 09 12:33:50 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	96	0.00
2	t	n-Nitrosodimethylamine		0.675	0.735	-8.9	101	0.00
3	t	Pyridine		1.237	0.821	33.6#	67	0.00
4	S	2-Fluorophenol		1.016	1.093	-7.6	103	0.00
5	T	Aniline		1.570	1.699	-8.2	100	0.00
6	t	2-Chlorophenol		1.138	1.199	-5.4	102	0.00
7	S	Phenol-d6		1.238	1.256	-1.5	97	0.00
8	T	Phenol		1.390	1.401	-0.8	98	0.00
9	T	Bis(2-chloroethyl)ether		1.108	1.117	-0.8	101	0.00
10	T	1,3-Dichlorobenzene		1.505	1.441	4.3	96	0.00
11	T	1,4-Dichlorobenzene		1.552	1.449	6.6	95	0.00
12	T	1,2-Dichlorobenzene		1.469	1.373	6.5	94	0.00
13	t	Benzyl alcohol		0.850	0.908	-6.8	100	0.00
14	T	Bis(2-chloroisopropyl)ether		1.811	2.175	-20.1#	119	0.00
15	T	2-Methylphenol		1.021	1.218	-19.3	114	0.00
16	T	Hexachloroethane		0.519	0.544	-4.8	103	0.00
17	T	n-Nitrosodi-n-propylamine		0.804	0.811	-0.9	94	0.00
18	T	3-Methylphenol/4-Methylphen		1.078	1.095	-1.6	97	0.00
19	S	Nitrobenzene-d5		1.126	1.138	-1.1	95	0.00
20	T	Nitrobenzene		1.140	1.173	-2.9	96	0.00
21	T	Isophorone		2.190	2.122	3.1	91	0.00
22	T	2-Nitrophenol		0.540	0.575	-6.5	105	0.00
23	T	2,4-Dimethylphenol		1.161	1.167	-0.5	94	0.00
24	T	Bis(2-chloroethoxy)methane		1.589	1.726	-8.6	99	0.00
25	T	2,4-Dichlorophenol		1.180	1.355	-14.8	107	0.00
26	T	1,2,4-Trichlorobenzene		1.517	1.309	13.7	88	0.00
35	I	IS1_Naphthalene-d8		1.000	1.000	0.0	96	0.00
36	T	Naphthalene		1.028	0.984	4.3	97	0.00
37	T	Benzoic Acid	*	5.000	5.389	-7.8	117	0.00
38	T	4-Chloroaniline		0.130	0.123	5.4	93	0.00
39	T	Hexachlorobutadiene		0.247	0.214	13.4	89	0.00
40	T	p-Chloro-m-cresol		0.273	0.276	-1.1	93	0.00
41	T	2-Methylnaphthalene		0.657	0.608	7.5	92	0.00
42	T	1-Methylnaphthalene		0.236	0.220	6.8	92	0.00
43	T	Hexachlorocyclopentadiene		0.278	0.243	12.6	83	0.00
44	T	2,4,6-Trichlorophenol		0.264	0.244	7.6	85	0.00
45	T	2,4,5-Trichlorophenol		0.275	0.258	6.2	87	0.00
46	S	2-Fluorobiphenyl		0.982	0.795	19.0	81	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV107\250309RVTa\
Data File : ABN0309.D
Acq On : 9 Mar 2025 11:22 am
Operator : SV107:slr
Sample : WG2038279-3,32,,ABN 11297 gmr0304A
Misc : WG2038279,,ical22052
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 09 12:33:50 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.795	0.692	13.0	88	0.00
48	T	2-Nitroaniline		0.194	0.187	3.6	91	0.00
49	T	1,4-Dinitrobenzene	*	5.000	0.813	83.7#	10	0.00
50	T	1,3-Dinitrobenzene		0.128	0.114	10.9	84	0.00
51	T	Dimethyl phthalate		0.963	0.813	15.6	79	0.00
52	T	Acenaphthylene		1.211	1.143	5.6	89	0.00
53	T	2,6-Dinitrotoluene		0.180	0.165	8.3	83	0.00
54	T	1,2-Dinitrobenzene		0.077	0.074	3.9	84	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	85	0.00
64	T	3-Nitroaniline		0.260	0.289	-11.2	84	0.00
65	T	Acenaphthene		1.082	1.034	4.4	88	0.00
66	T	2,4-Dinitrophenol	*	5.000	5.577	-11.5	104	0.00
67	T	Dibenzofuran		1.846	1.734	6.1	82	0.00
68	T	2,4-Dinitrotoluene		0.377	0.382	-1.3	81	0.00
69	T	4-Nitrophenol		0.200	0.232	-16.0	93	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.330	0.351	-6.4	83	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.355	0.397	-11.8	83	0.00
72	T	Diethyl phthalate		1.332	1.320	0.9	82	0.00
73	T	Fluorene		1.430	1.375	3.8	83	0.00
74	T	4-Chlorophenyl phenyl ether		0.733	0.668	8.9	82	0.00
75	T	4-Nitroaniline		0.246	0.283	-15.0	86	0.00
76	T	4,6-Dinitro-o-cresol	*	5.000	5.188	-3.8	102	0.00
77	T	NDPA/DPA		1.200	1.164	3.0	82	0.00
78	T	Azobenzene		1.133	1.212	-7.0	86	0.00
79	S	2,4,6-Tribromophenol		0.201	0.149	25.9#	58	0.00
80	T	4-Bromophenyl phenyl ether		0.439	0.369	15.9	73	0.00
81	T	Hexachlorobenzene		0.513	0.388	24.4#	68	0.00
82	T	Pentachlorophenol		0.280	0.251	10.4	75	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	79	0.00
89	T	Phenanthrene		1.129	1.080	4.3	80	0.00
90	T	Anthracene		1.081	1.093	-1.1	80	0.00
91	T	Carbazole		0.973	1.022	-5.0	81	0.00
92	T	Di-n-butylphthalate		0.996	1.151	-15.6	83	0.00
93	T	Fluoranthene		1.236	1.309	-5.9	81	0.00
94	T	Benzidine	*	5.000	5.669	-13.4	96	0.00
95	T	Pyrene		1.297	1.397	-7.7	81	0.00
96	S	4-Terphenyl-d14		0.965	0.898	6.9	73	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV107\250309RVTa\
Data File : ABN0309.D
Acq On : 9 Mar 2025 11:22 am
Operator : SV107:slr
Sample : WG2038279-3,32,,ABN 11297 gmr0304A
Misc : WG2038279,,ical22052
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 09 12:33:50 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	*	5.000	5.167	-3.3	96	0.00
104	I	IS1_Chrysene-d12		1.000	1.000	0.0	80	0.00
105	T	Benzo(a)anthracene		1.249	1.369	-9.6	87	0.00
106	T	3,3'-Dichlorobenzidine		0.403	0.464	-15.1	80	0.00
107	T	Chrysene		1.233	1.153	6.5	81	0.00
108	T	Bis(2-ethylhexyl)phthalate	*	5.000	5.391	-7.8	89	0.00
109	T	Di-n-octylphthalate	*	5.000	6.069	-21.4#	108	0.00
110	T	Benzo(b)fluoranthene		1.211	1.175	3.0	72	0.00
111	T	Benzo(k)fluoranthene		1.049	1.110	-5.8	89	0.00
112	T	Benzo(a)pyrene		1.009	1.107	-9.7	84	0.00
113	I	IS1_Perylene-d12		1.000	1.000	0.0	81	0.00
114	T	Indeno(1,2,3-cd)pyrene		1.005	1.114	-10.8	84	0.00
115	T	Dibenzo(a,h)anthracene		1.000	1.044	-4.4	82	0.00
116	T	Benzo(ghi)perylene		1.011	1.059	-4.7	84	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : ABN0309.D
Acq On   : 9 Mar 2025 11:22 am
Operator : SV107:slr
Sample   : WG2038279-3,32,,ABN 11297 gmr0304A
Misc   : WG2038279,,ical22052
ALS Vial : 142   Sample Multiplier: 1

Quant Time: Mar 09 12:33:50 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Sub List   : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	6.205	152	98614	4.000 ug/ml	0.00
35) IS1_Naphthalene-d8	7.646	136	354239	4.000 ug/ml	0.00
63) IS1_Acenaphthene-d10	9.412	164	210099	4.000 ug/ml	0.00
88) IS1_Phenanthrene-d10	10.837	188	411555	4.000 ug/ml	0.00
104) IS1_Chrysene-d12	13.442	240	416424	4.000 ug/ml	0.00
113) IS1_Perylene-d12	14.903	264	407947	4.000 ug/ml	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	4.158	112	134675	5.379 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	268.95%#	
7) Phenol-d6	5.839	99	154871	5.076 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	253.80%#	
19) Nitrobenzene-d5	6.879	82	140237	5.051 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	505.10%#	
46) 2-Fluorobiphenyl	8.777	172	352199	4.051 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	405.10%#	
79) 2,4,6-Tribromophenol	10.175	330	39190	3.706 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	185.30%#	
96) 4-Terphenyl-d14	12.415	244	462195	4.655 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	465.50%#	
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	1.918	74	90631	5.446 ug/ml#	74
3) Pyridine	1.947	79	101229	3.319 ug/ml#	71
5) Aniline	5.788	93	209475	5.413 ug/ml	97
6) 2-Chlorophenol	5.933	128	147831	5.270 ug/ml	92
8) Phenol	5.856	94	172728	5.041 ug/ml	98
9) Bis(2-chloroethyl)ether	5.933	93	137658	5.039 ug/ml#	82
10) 1,3-Dichlorobenzene	6.128	146	177610	4.787 ug/ml	95
11) 1,4-Dichlorobenzene	6.222	146	178601	4.669 ug/ml	96
12) 1,2-Dichlorobenzene	6.409	146	169294	4.676 ug/ml	96
13) Benzyl alcohol	6.426	79	111895	5.338 ug/ml	99
14) Bis(2-chloroisopropyl)...	6.609	45	268096	6.004 ug/ml#	59
15) 2-Methylphenol	6.609	108	150161	5.966 ug/ml	98
16) Hexachloroethane	6.796	117	67074	5.247 ug/ml#	59
17) n-Nitrosodi-n-propylamine	6.759	70	99973	5.041 ug/ml	93
18) 3-Methylphenol/4-Methy...	6.796	108	134981	5.081 ug/ml	99
20) Nitrobenzene	6.901	77	144534	5.144 ug/ml	98
21) Isophorone	7.179	82	261544	4.843 ug/ml	98
22) 2-Nitrophenol	7.262	139	70893	5.329 ug/ml	90

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : ABN0309.D
Acq On : 9 Mar 2025 11:22 am
Operator : SV107:slr
Sample : WG2038279-3,32,,ABN 11297 gmr0304A
Misc : WG2038279,,ical22052
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 09 12:33:50 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	7.367	107	143879	5.026	ug/ml	99
24) Bis(2-chloroethoxy)met...	7.457	93	212811	5.434	ug/ml	98
25) 2,4-Dichlorophenol	7.531	162	166971	5.740	ug/ml#	90
26) 1,2,4-Trichlorobenzene	7.603	180	161417	4.316	ug/ml	97
36) Naphthalene	7.667	128	435605	4.785	ug/ml	99
37) Benzoic Acid	7.465	105	66940	5.389	ug/ml	92
38) 4-Chloroaniline	7.761	65	54444	4.735	ug/ml	83
39) Hexachlorobutadiene	7.840	225	94822	4.338	ug/ml	98
40) p-Chloro-m-cresol	8.292	107	122117	5.047	ug/ml	95
41) 2-Methylnaphthalene	8.390	142	269027	4.626	ug/ml	95
42) 1-Methylnaphthalene	8.480	115	97435	4.670	ug/ml	97
43) Hexachlorocyclopentadiene	8.570	237	107420	4.371	ug/ml	97
44) 2,4,6-Trichlorophenol	8.687	196	108144	4.619	ug/ml	99
45) 2,4,5-Trichlorophenol	8.723	196	114133	4.679	ug/ml	99
47) 2-Chloronaphthalene	8.867	162	306201	4.351	ug/ml	95
48) 2-Nitroaniline	8.984	138	82831	4.816	ug/ml	88
49) 1,4-Dinitrobenzene	9.110	168	5697	0.813	ug/ml#	72
50) 1,3-Dinitrobenzene	9.196	168	50658	4.484	ug/ml#	1
51) Dimethyl phthalate	9.186	163	359844	4.220	ug/ml#	98
52) Acenaphthylene	9.265	152	506044	4.719	ug/ml	99
53) 2,6-Dinitrotoluene	9.235	165	73067	4.571	ug/ml#	78
54) 1,2-Dinitrobenzene	9.275	168	32947	4.853	ug/ml#	1
64) 3-Nitroaniline	9.382	138	75852	5.555	ug/ml#	96
65) Acenaphthene	9.441	154	271622	4.779	ug/ml	90
66) 2,4-Dinitrophenol	9.490	184	40897	5.577	ug/ml#	85
67) Dibenzofuran	9.607	168	455516	4.698	ug/ml#	84
68) 2,4-Dinitrotoluene	9.617	165	100244	5.058	ug/ml#	82
69) 4-Nitrophenol	9.578	65	60938	5.795	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	9.705	232	92079	5.315	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	9.744	232	104200	5.582	ug/ml	97
72) Diethyl phthalate	9.879	149	346773	4.956	ug/ml	97
73) Fluorene	9.943	166	361181	4.810	ug/ml	92
74) 4-Chlorophenyl phenyl ...	9.964	204	175503	4.556	ug/ml#	88
75) 4-Nitroaniline	9.971	138	74359	5.752	ug/ml	86
76) 4,6-Dinitro-o-cresol	10.013	198	60379	5.188	ug/ml#	60
77) NDPA/DPA	10.076	169	305792	4.850	ug/ml	94
78) Azobenzene	10.112	77	318240	5.346	ug/ml	93
80) 4-Bromophenyl phenyl e...	10.431	248	96937	4.201	ug/ml#	89
81) Hexachlorobenzene	10.476	284	101850	3.781	ug/ml	87
82) Pentachlorophenol	10.677	266	65893	4.478	ug/ml	100
89) Phenanthrene	10.859	178	555847	4.783	ug/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : ABN0309.D
Acq On : 9 Mar 2025 11:22 am
Operator : SV107:slr
Sample : WG2038279-3,32,,ABN 11297 gmr0304A
Misc : WG2038279,,ical22052
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 09 12:33:50 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90)	Anthracene	10.910	178	562203	5.056	ug/ml	99
91)	Carbazole	11.078	167	525873	5.255	ug/ml	99
92)	Di-n-butylphthalate	11.473	149	591923	5.774	ug/ml	99
93)	Fluoranthene	12.006	202	673448	5.294	ug/ml#	92
94)	Benzidine	12.166	184	453611	5.669	ug/ml#	95
95)	Pyrene	12.217	202	718672	5.385	ug/ml	99
97)	Butyl benzyl phthalate	12.933	149	262761	5.167	ug/ml	89
105)	Benzo(a)anthracene	13.434	228	712726	5.482	ug/ml	98
106)	3,3'-Dichlorobenzidine	13.442	252	241641	5.762	ug/ml#	97
107)	Chrysene	13.474	228	600093	4.675	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	13.569	149	401225	5.391	ug/ml#	95
109)	Di-n-octylphthalate	14.234	149	754599	6.069	ug/ml#	73
110)	Benzo(b)fluoranthene	14.537	252	611751	4.853	ug/ml#	96
111)	Benzo(k)fluoranthene	14.561	252	577784	5.292	ug/ml#	95
112)	Benzo(a)pyrene	14.848	252	576130	5.484	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	15.863	276	567977M6	5.541	ug/mL	
115)	Dibenzo(a,h)anthracene	15.886	278	532571	5.219	ug/ml#	92
116)	Benzo(ghi)perylene	16.093	276	540182	5.240	ug/ml#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : ABN0309.D
Acq On   : 9 Mar 2025 11:22 am
Operator : SV107:slr
Sample   : WG2038279-3,32,,ABN 11297 gmr0304A
Misc   : WG2038279,,ical22052
ALS Vial : 142   Sample Multiplier: 1

Quant Time: Mar 09 12:33:50 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
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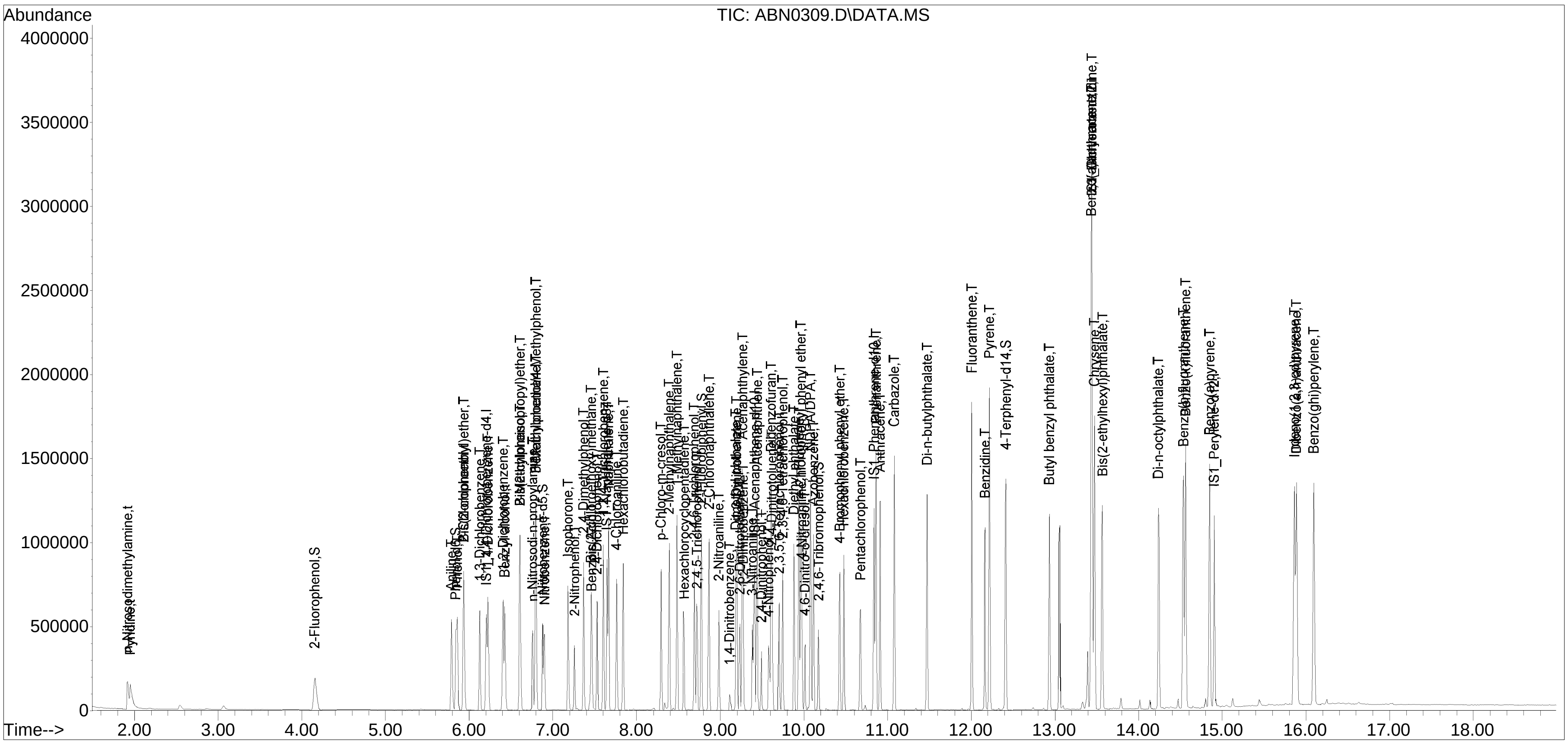
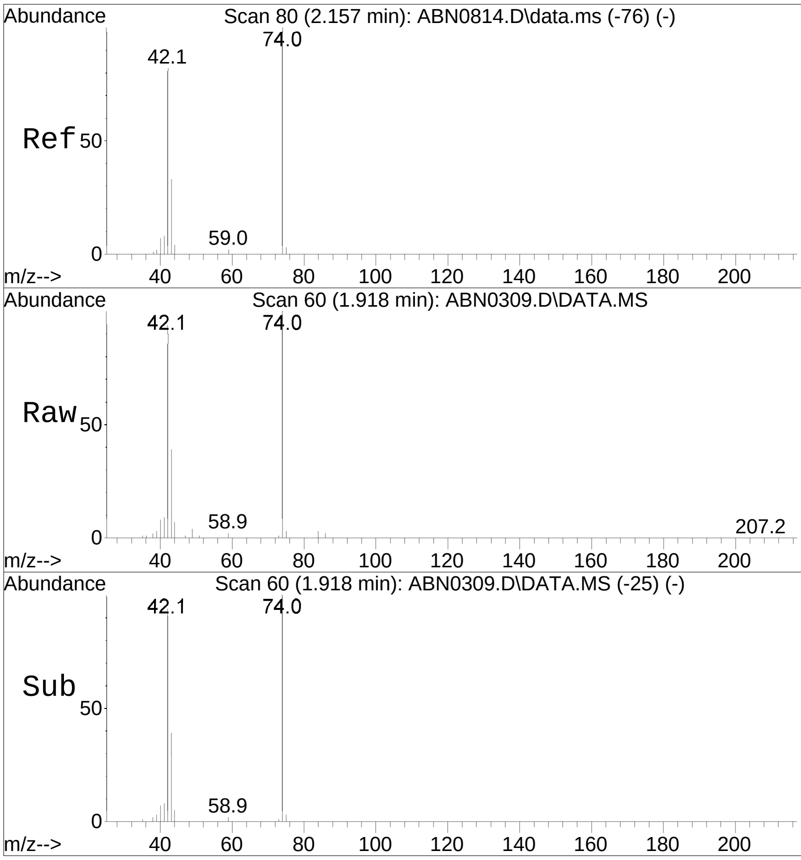
Sub List   : ABNical - ABN ical sublist

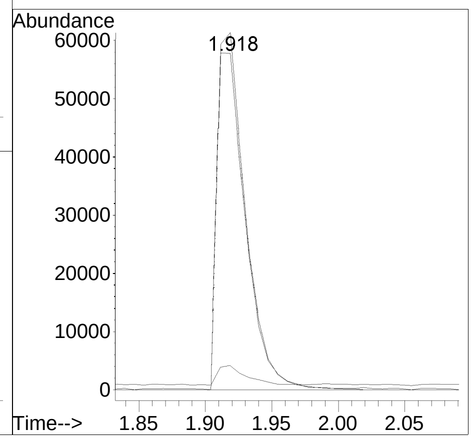


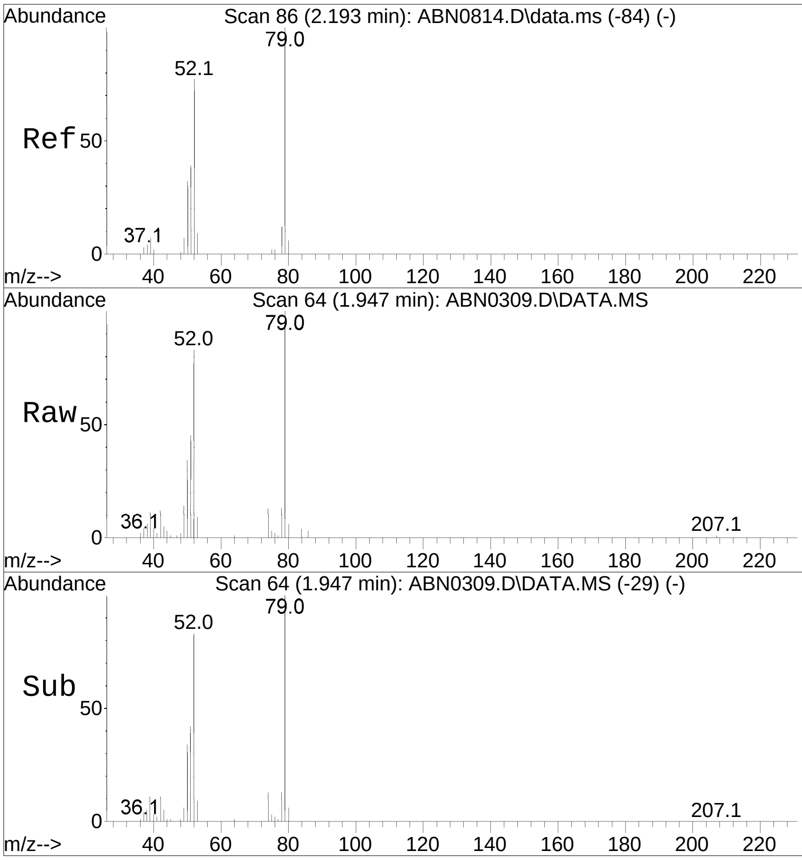


#2
n-Nitrosodimethylamine
Concen: 5.45 ug/ml
RT: 1.918 min Scan# 60
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 74 Resp: 90631

Ion	Ratio	Lower	Upper
74	100		
42	94.3	100.0	150.0#
44	5.8	6.7	10.1#

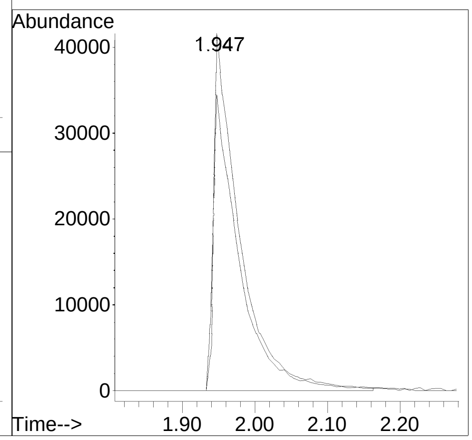


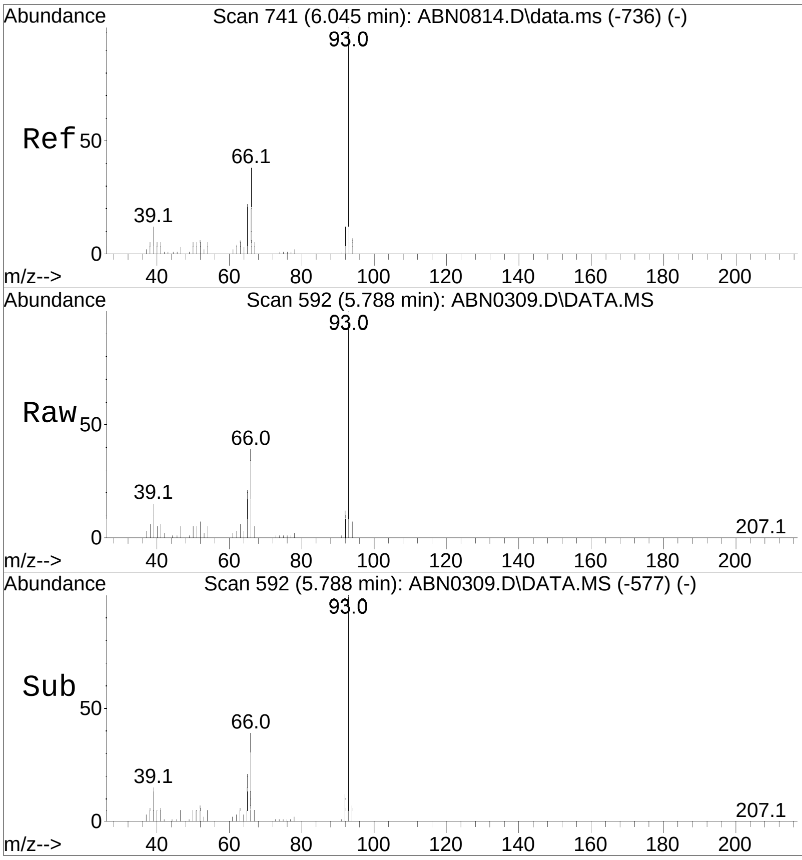


#3
Pyridine
Concen: 3.32 ug/ml
RT: 1.947 min Scan# 64
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 79 Resp: 101229

Ion	Ratio	Lower	Upper
79	100		
52	85.0	93.1	139.7#

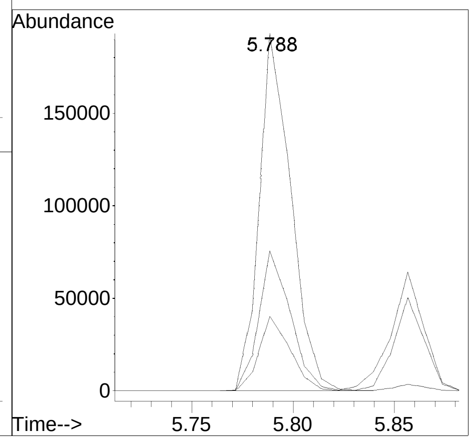


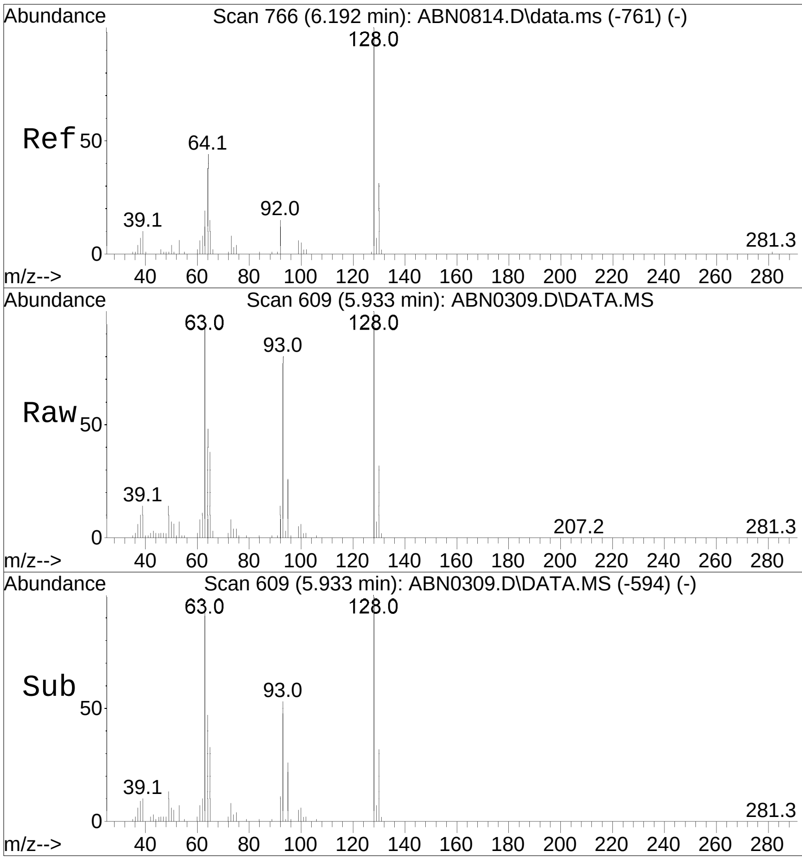


#5
Aniline
Concen: 5.41 ug/ml
RT: 5.788 min Scan# 592
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 93 Resp: 209475

Ion	Ratio	Lower	Upper
93	100		
66	39.2	32.6	49.0
65	20.6	17.6	26.4

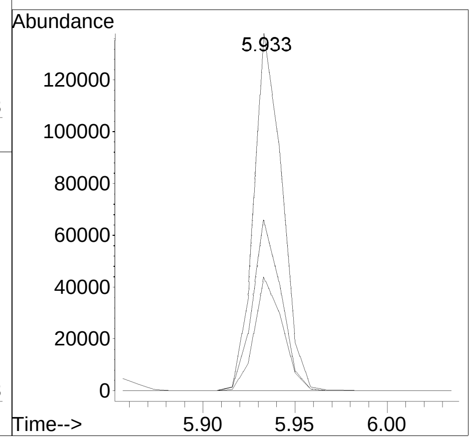


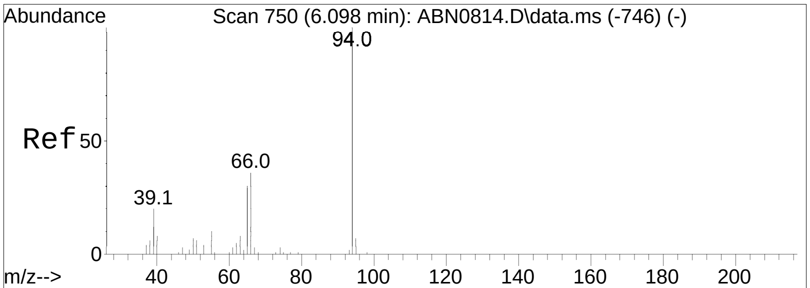


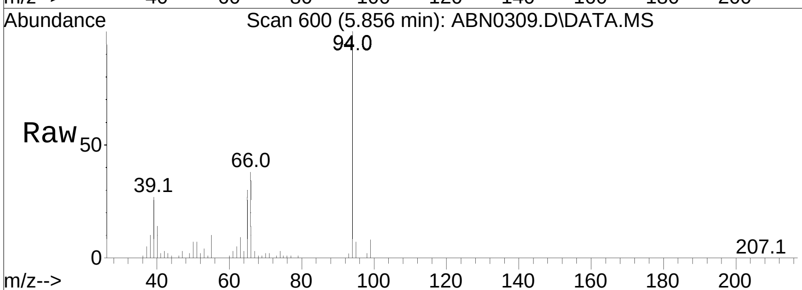
#6
2-Chlorophenol
Concen: 5.27 ug/ml
RT: 5.933 min Scan# 609
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

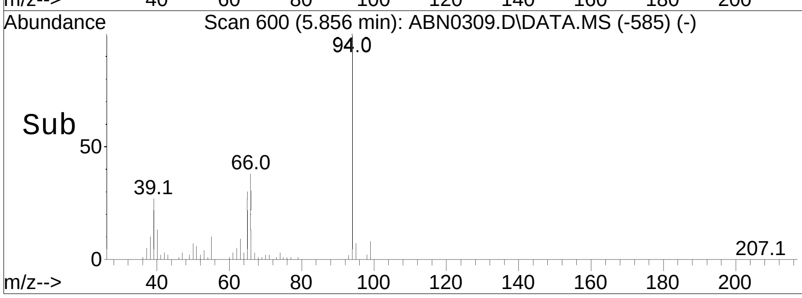
Tgt Ion:128 Resp: 147831

Ion	Ratio	Lower	Upper
128	100		
64	48.0	45.1	67.7
130	31.7	26.2	39.4





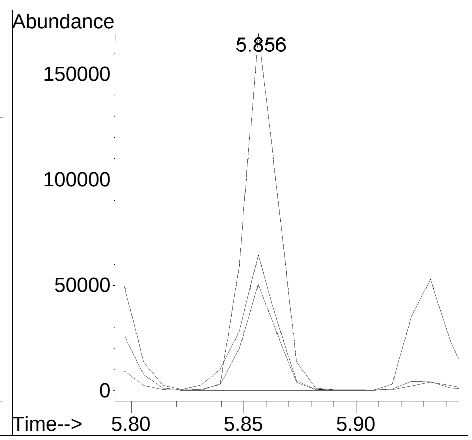


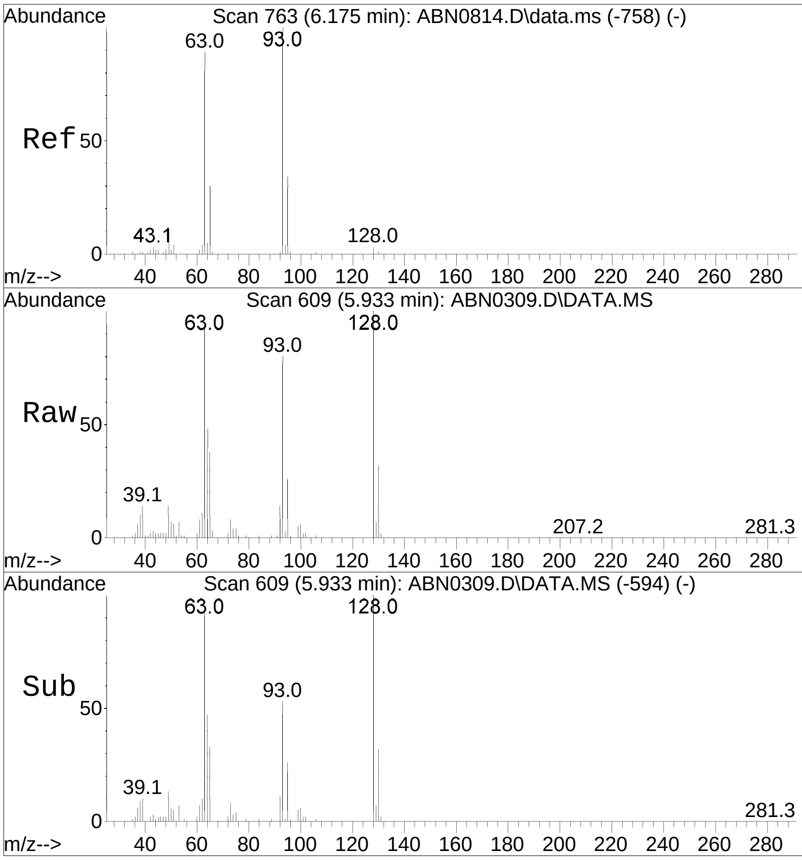


#8
Phenol
Concen: 5.04 ug/ml
RT: 5.856 min Scan# 600
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 94 Resp: 172728

Ion	Ratio	Lower	Upper
94	100		
65	30.7	26.0	39.0
66	42.1	33.8	50.8

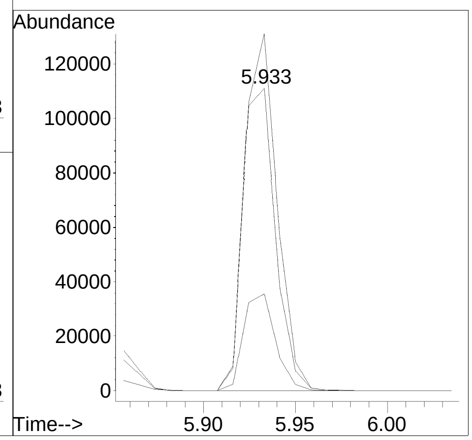


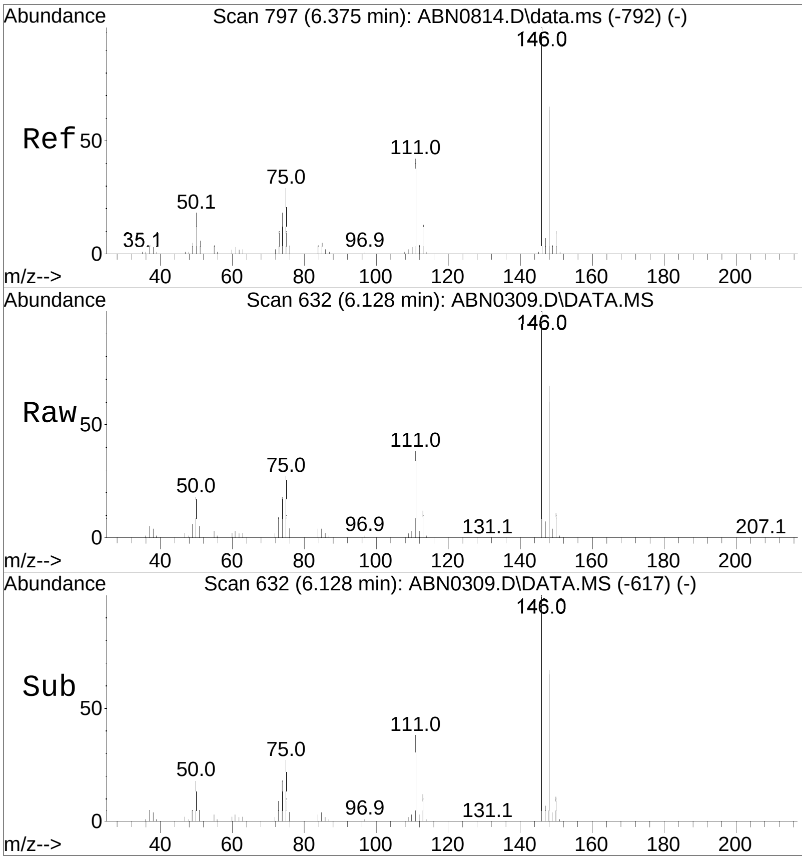


#9
Bis(2-chloroethyl)ether
Concen: 5.04 ug/ml
RT: 5.933 min Scan# 609
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 93 Resp: 137658

Ion	Ratio	Lower	Upper
93	100		
63	116.5	74.6	111.8#
95	31.4	25.9	38.9

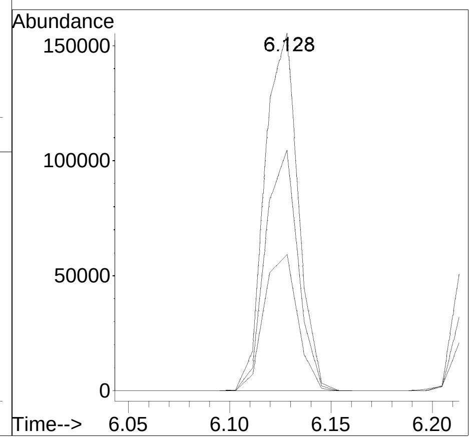


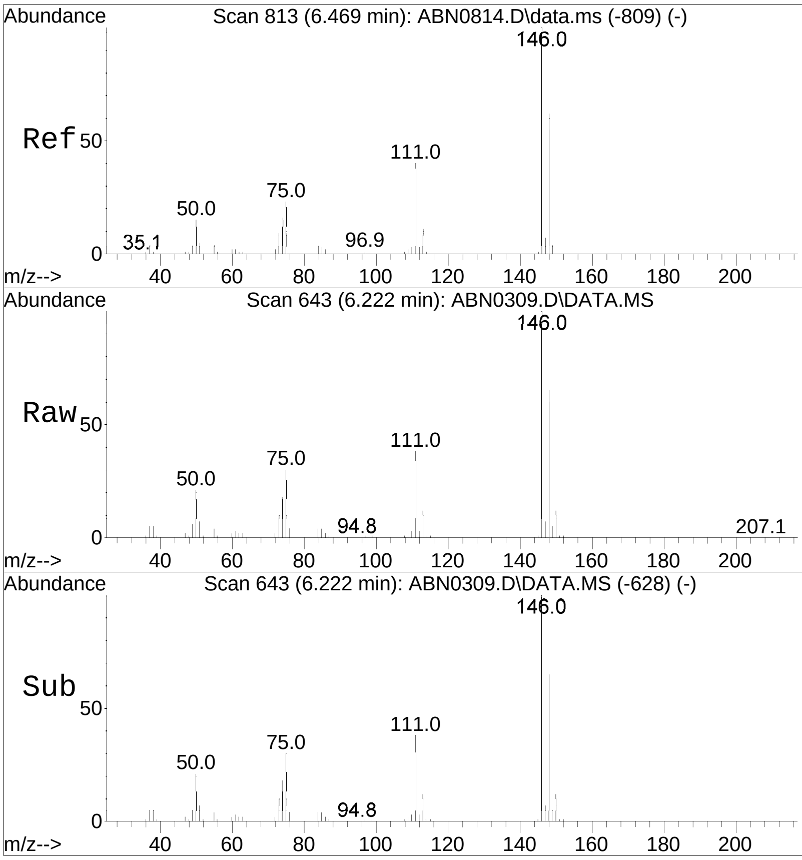


#10
1,3-Dichlorobenzene
Concen: 4.79 ug/ml
RT: 6.128 min Scan# 632
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:146 Resp: 177610

Ion	Ratio	Lower	Upper
146	100		
111	38.7	34.3	51.5
148	65.9	50.8	76.2

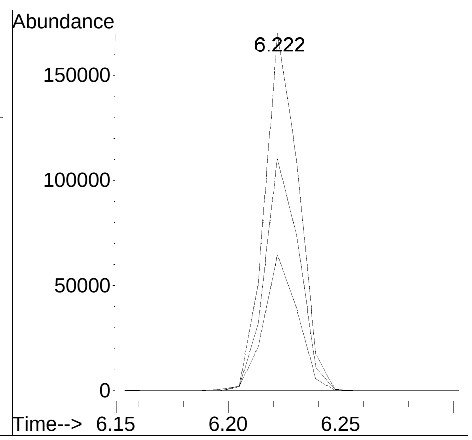


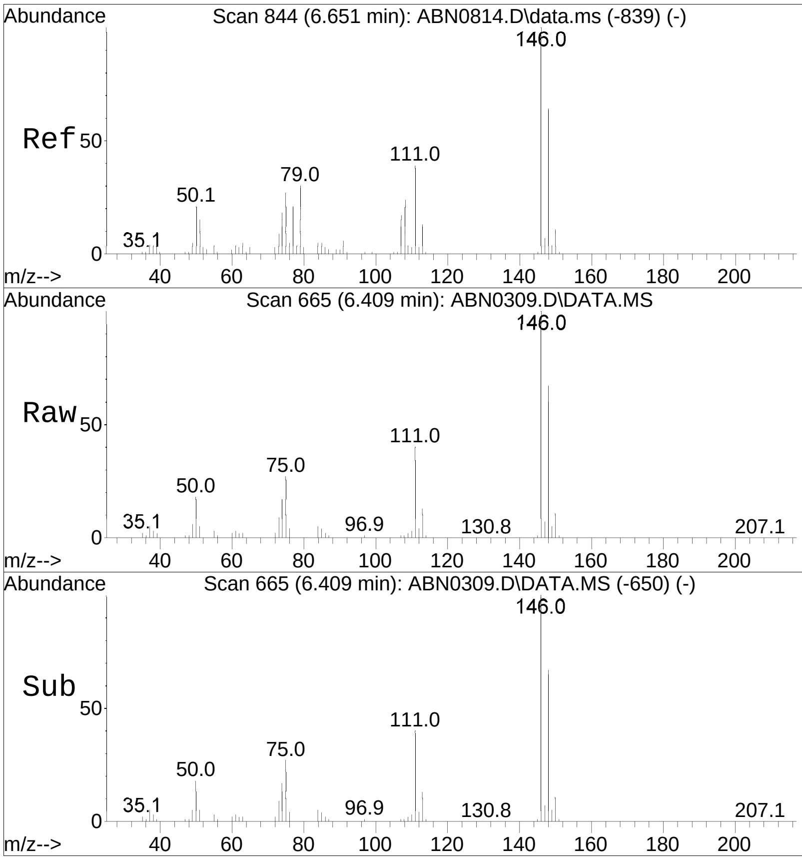


#11
1,4-Dichlorobenzene
Concen: 4.67 ug/ml
RT: 6.222 min Scan# 643
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:146 Resp: 178601

Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.7	76.1
111	38.0	33.4	50.0

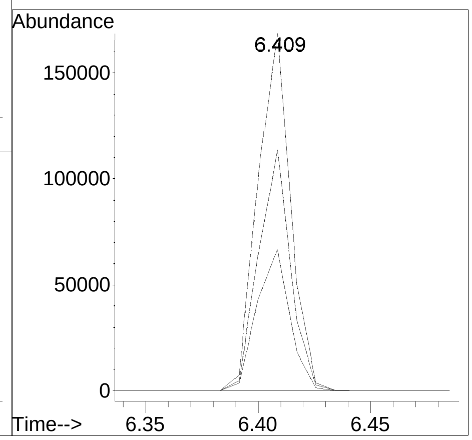


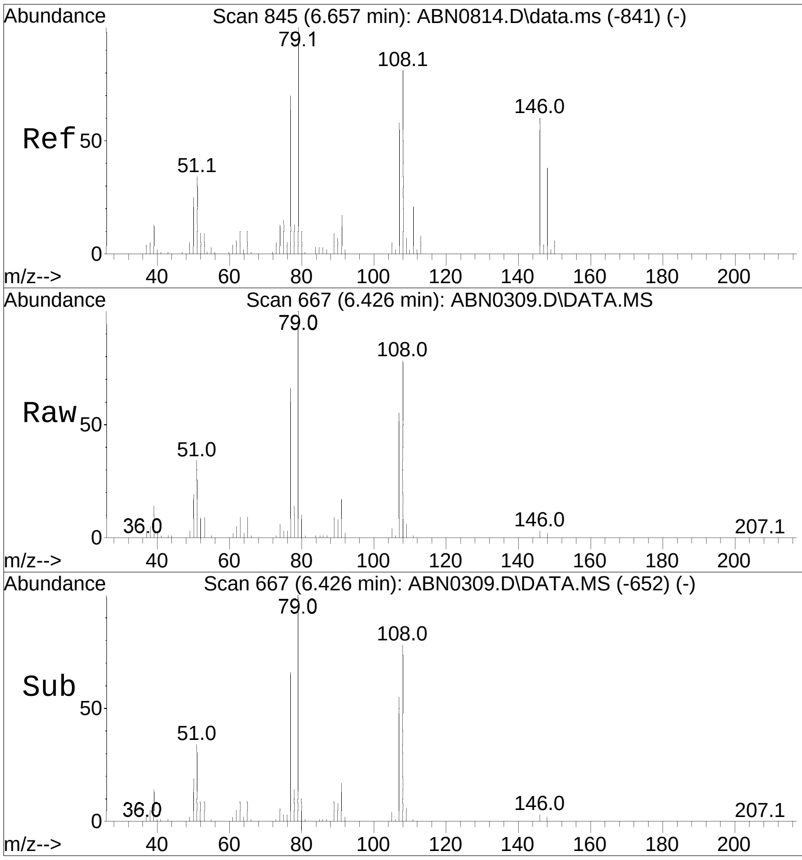


#12
1,2-Dichlorobenzene
Concen: 4.68 ug/ml
RT: 6.409 min Scan# 665
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:146 Resp: 169294

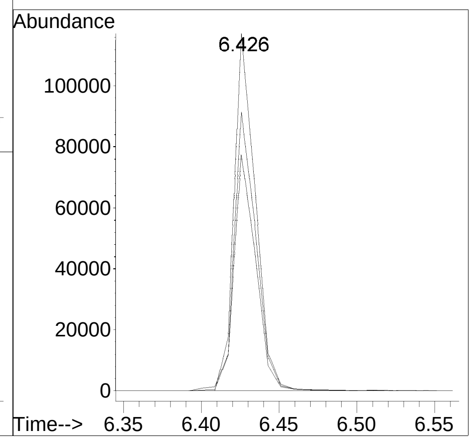
Ion	Ratio	Lower	Upper
146	100		
111	40.1	34.6	52.0
148	65.9	50.2	75.4

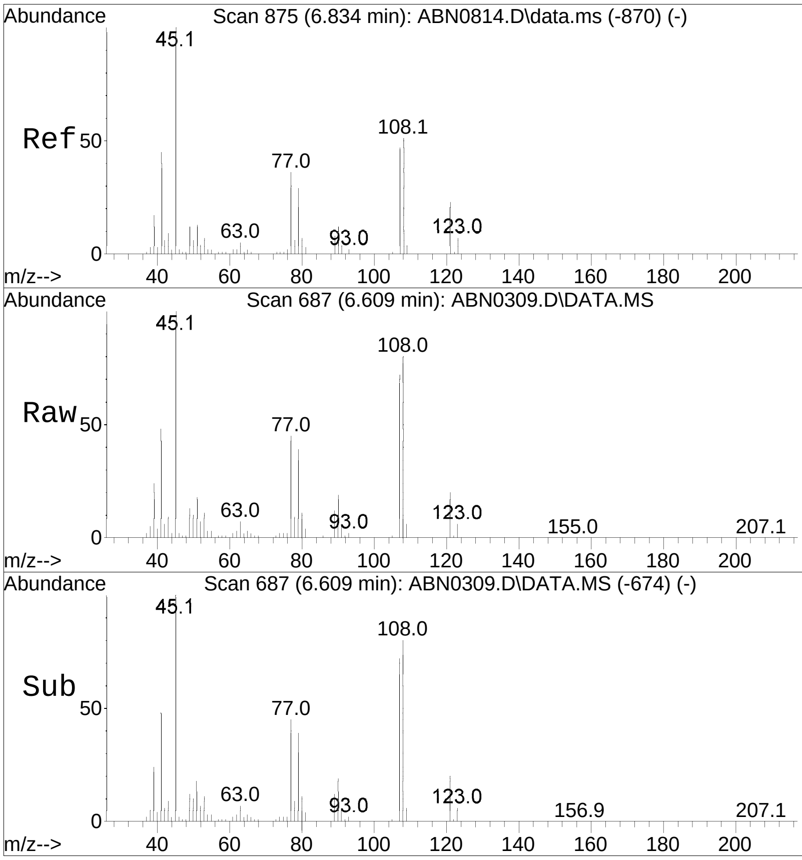




#13
Benzyl alcohol
Concen: 5.34 ug/ml
RT: 6.426 min Scan# 667
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 79	Resp:		111895
Ion	Ratio	Lower	Upper
79	100		
77	67.7	54.9	82.3
108	80.0	63.1	94.7

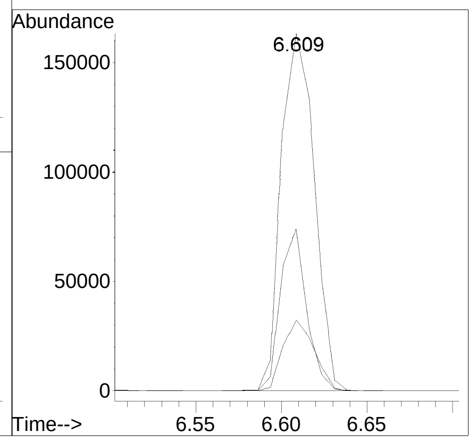


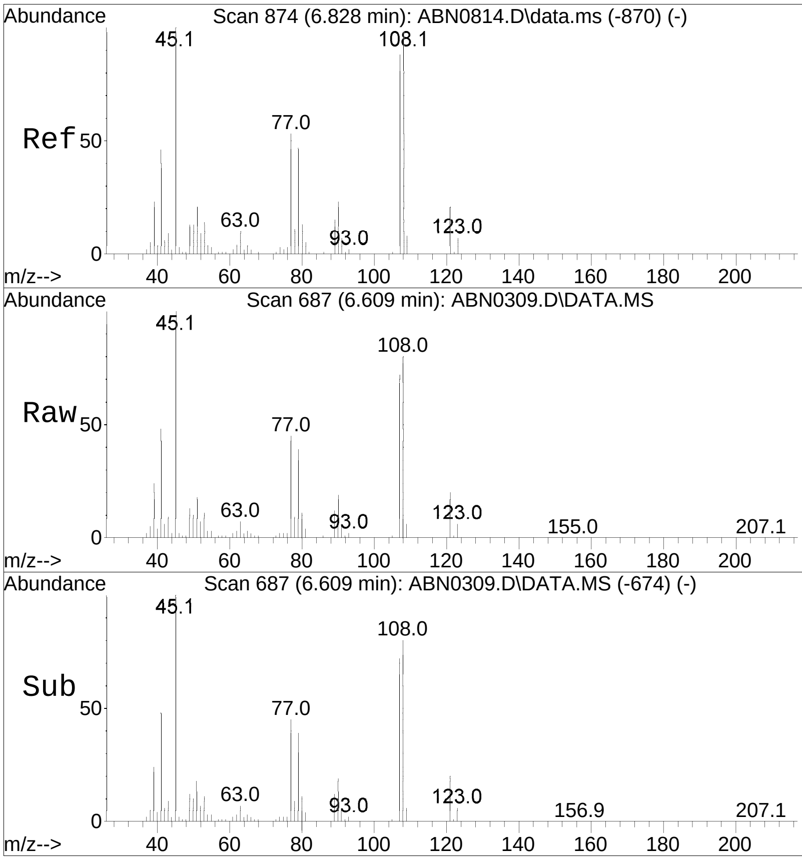


#14
Bis(2-chloroisopropyl)ether
Concen: 6.00 ug/ml
RT: 6.609 min Scan# 687
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 45 Resp: 268096

Ion	Ratio	Lower	Upper
45	100		
121	19.2	9.8	14.6#
77	35.0	6.1	9.1#

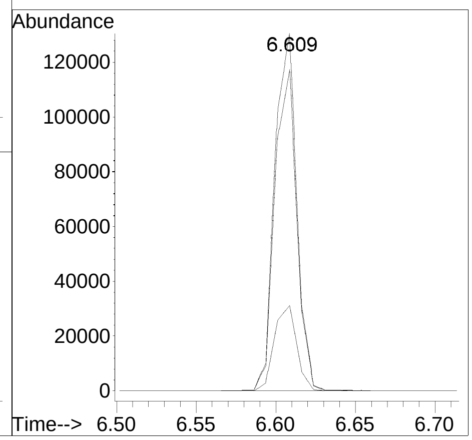


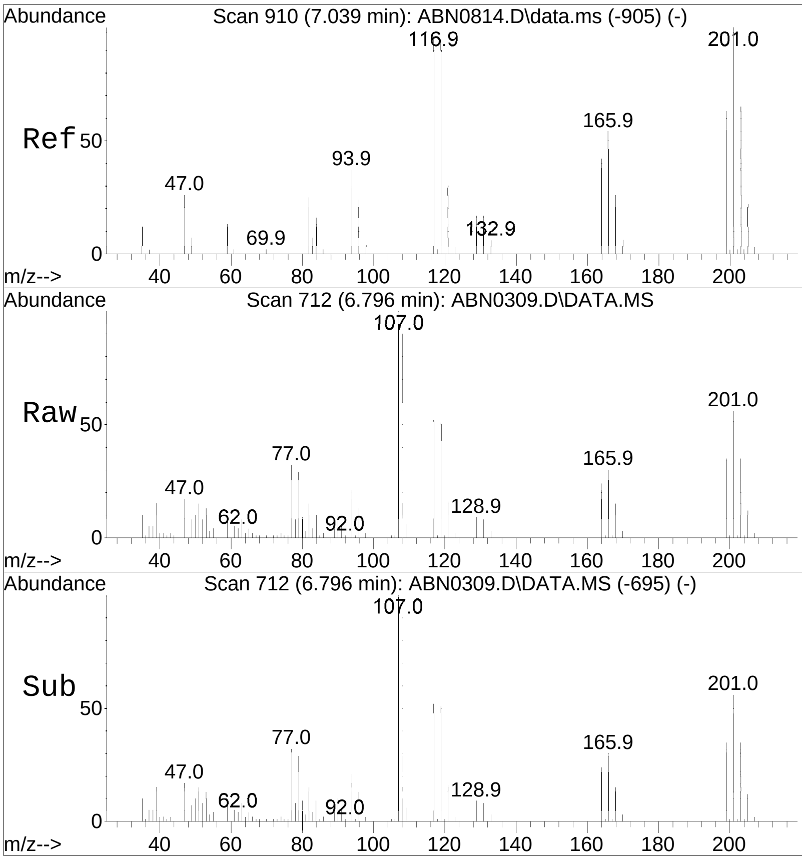


#15
2-Methylphenol
Concen: 5.97 ug/ml
RT: 6.609 min Scan# 687
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:108 Resp: 150161

Ion	Ratio	Lower	Upper
108	100		
107	89.2	70.7	106.1
90	25.9	18.7	28.1

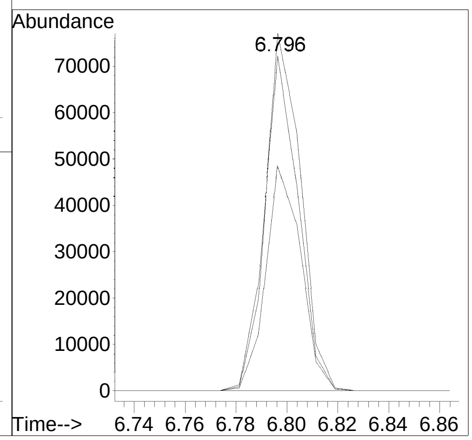


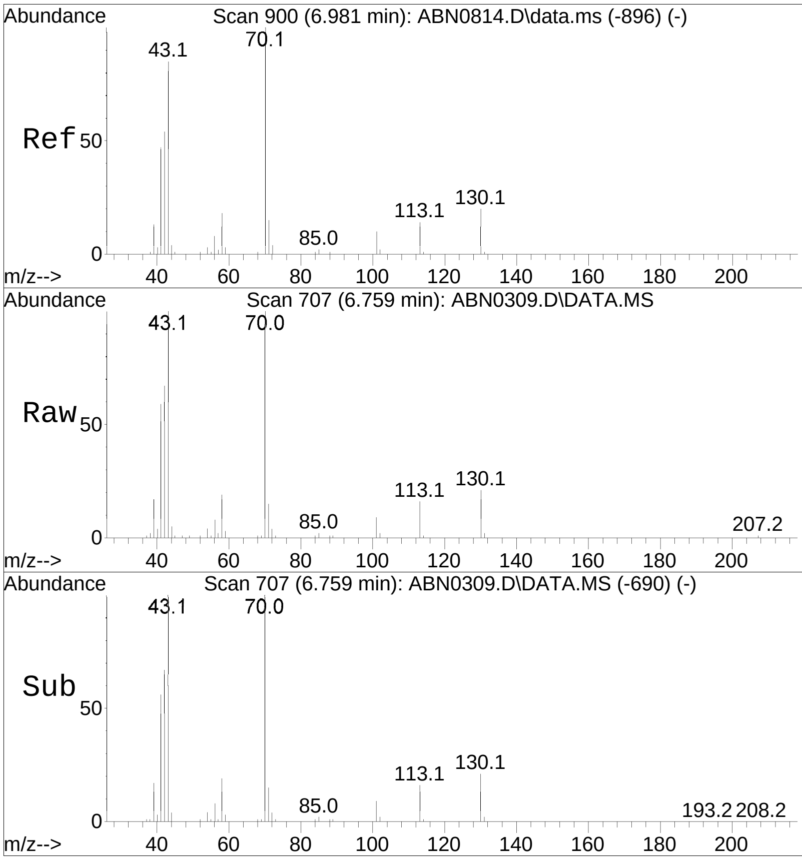


#16
Hexachloroethane
Concen: 5.25 ug/ml
RT: 6.796 min Scan# 712
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:117 Resp: 67074

Ion	Ratio	Lower	Upper
117	100		
201	110.2	58.6	87.8#
199	69.7	36.9	55.3#

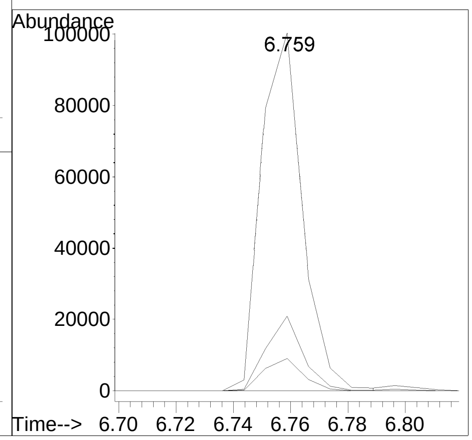


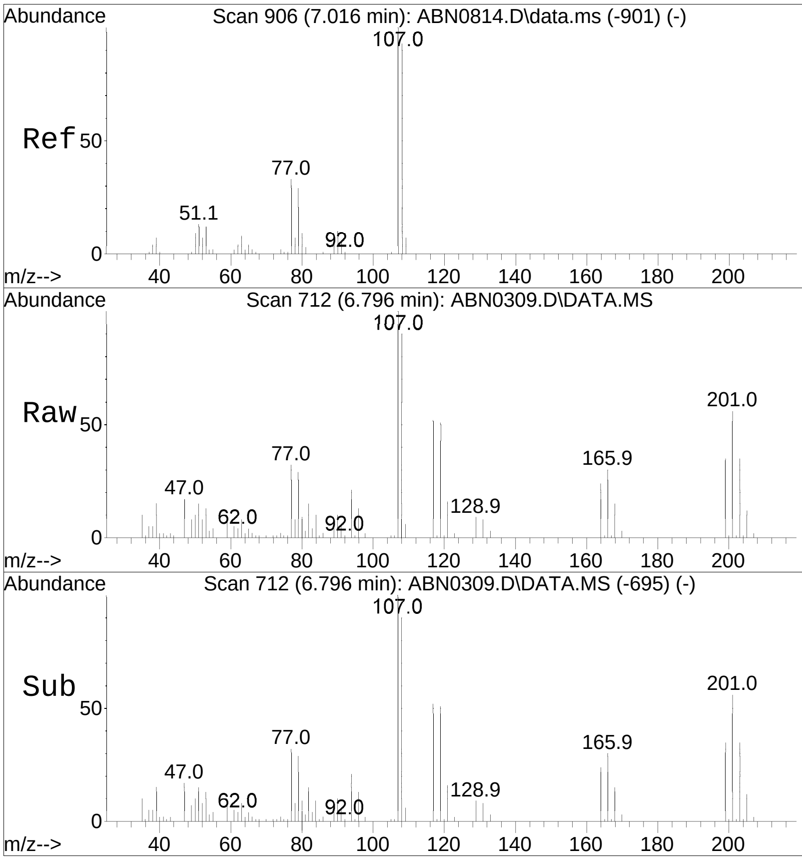


#17
n-Nitrosodi-n-propylamine
Concen: 5.04 ug/ml
RT: 6.759 min Scan# 707
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 70 Resp: 99973

Ion	Ratio	Lower	Upper
70	100		
130	18.7	18.2	27.4
101	8.6	7.8	11.8

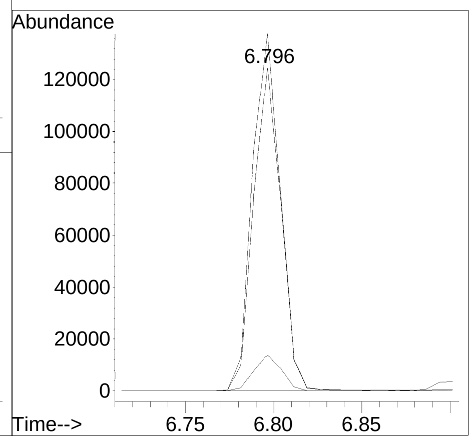


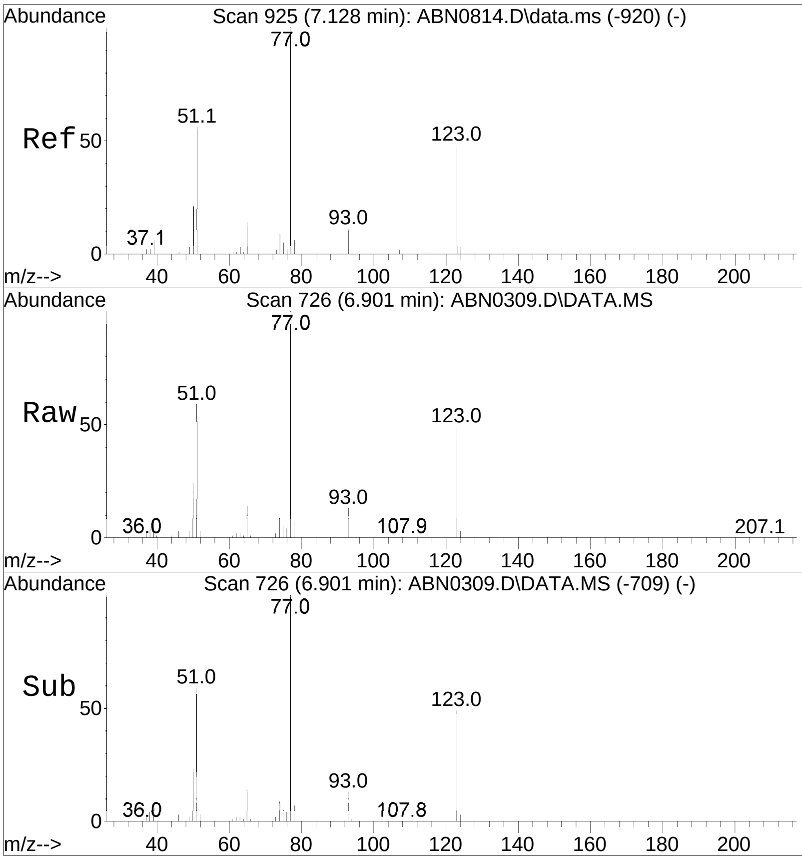


#18
3-Methylphenol/4-Methylphenol
Concen: 5.08 ug/ml
RT: 6.796 min Scan# 712
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:108 Resp: 134981

Ion	Ratio	Lower	Upper
108	100		
107	112.2	88.6	132.8
90	11.0	8.8	13.2

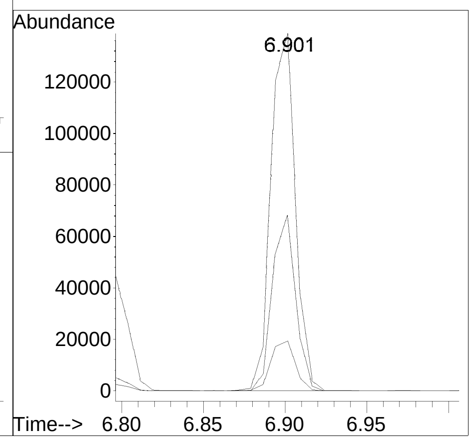


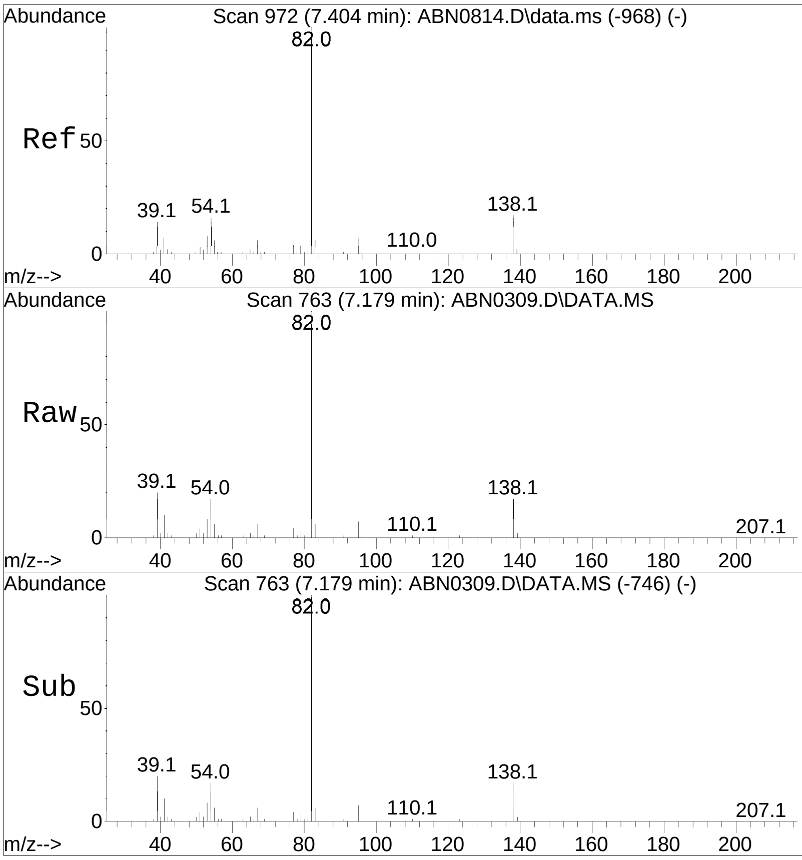


#20
Nitrobenzene
Concen: 5.14 ug/ml
RT: 6.901 min Scan# 726
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 77 Resp: 144534

Ion	Ratio	Lower	Upper
77	100		
123	46.8	36.3	54.5
65	14.0	11.6	17.4

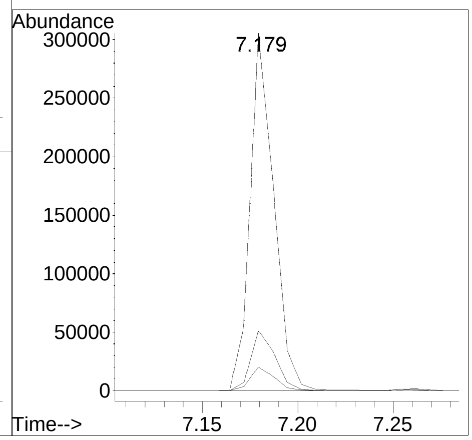


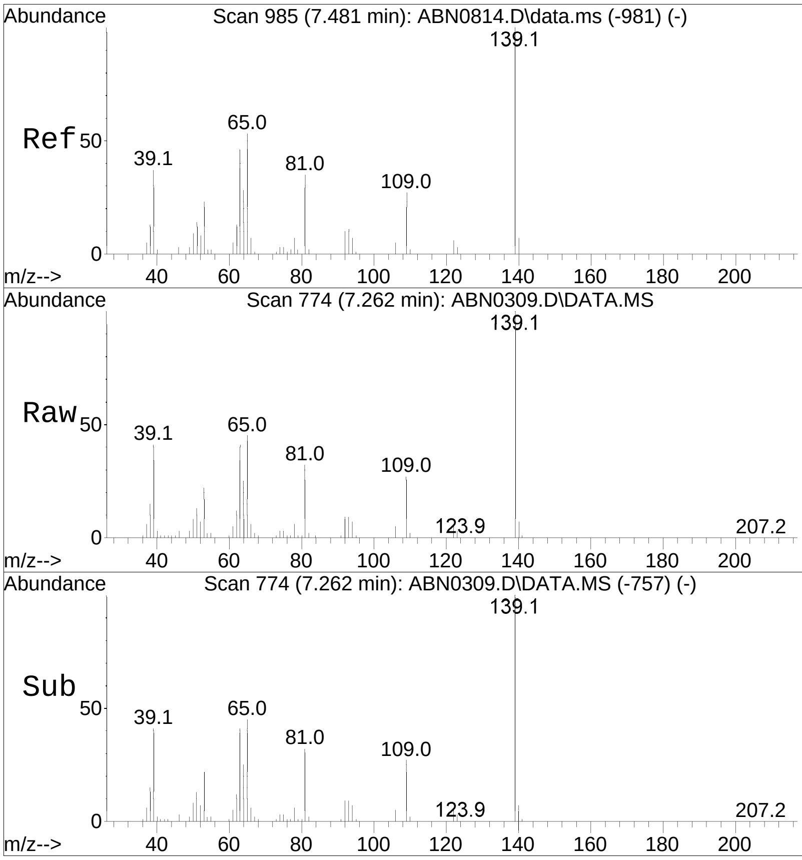


#21
Isophorone
Concen: 4.84 ug/ml
RT: 7.179 min Scan# 763
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 82 Resp: 261544

Ion	Ratio	Lower	Upper
82	100		
138	17.3	14.7	22.1
95	6.7	5.2	7.8

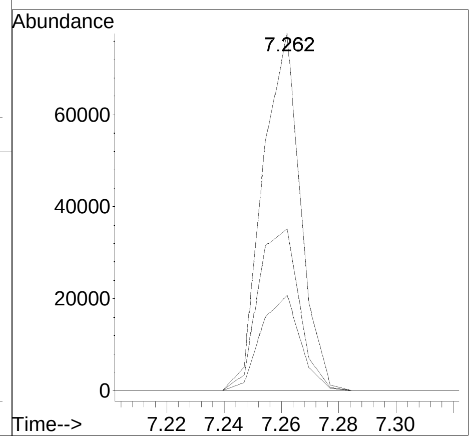


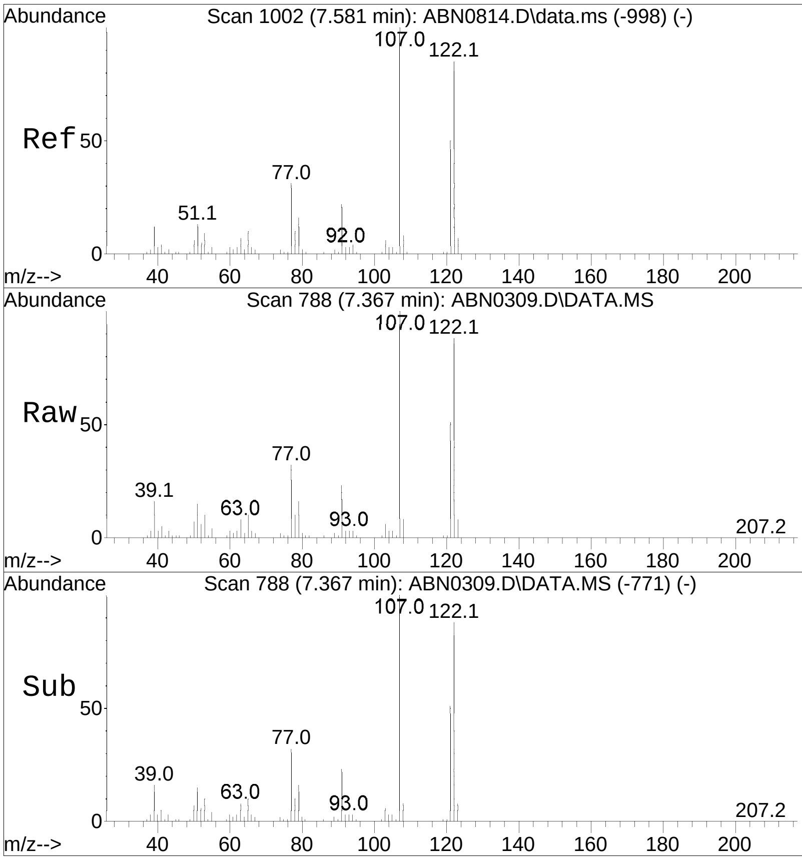


#22
2-Nitrophenol
Concen: 5.33 ug/ml
RT: 7.262 min Scan# 774
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:139 Resp: 70893

Ion	Ratio	Lower	Upper
139	100		
109	28.0	19.4	29.0
65	49.5	46.1	69.1

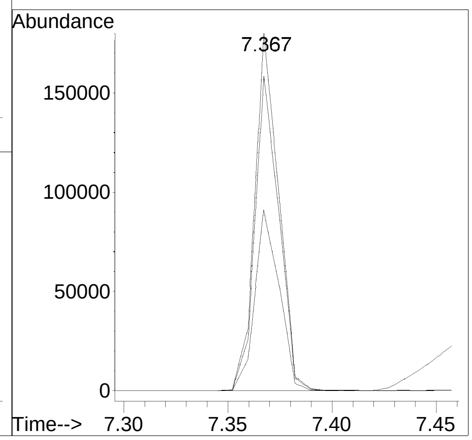


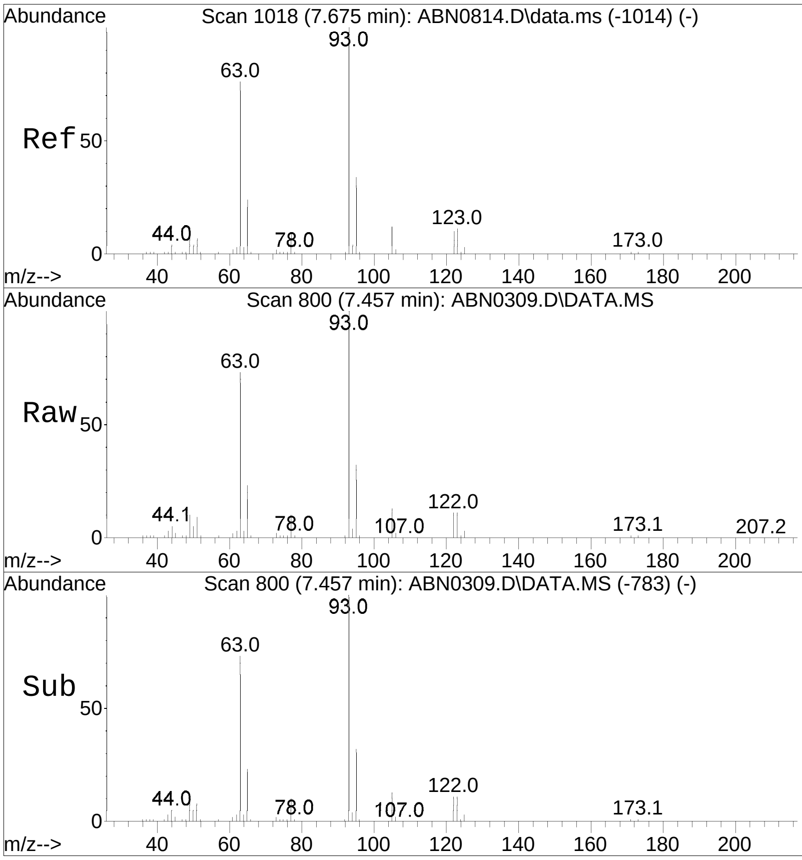


#23
2,4-Dimethylphenol
Concen: 5.03 ug/ml
RT: 7.367 min Scan# 788
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:107 Resp: 143879

Ion	Ratio	Lower	Upper
107	100		
121	51.5	40.0	60.0
122	88.1	70.2	105.4

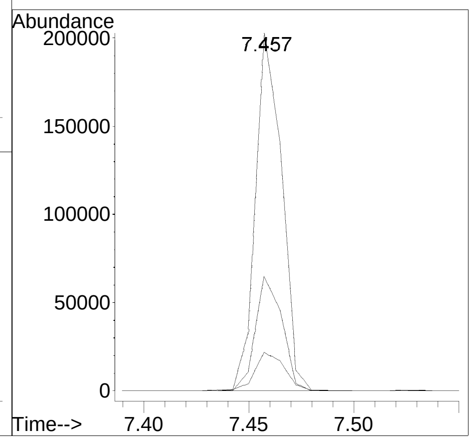


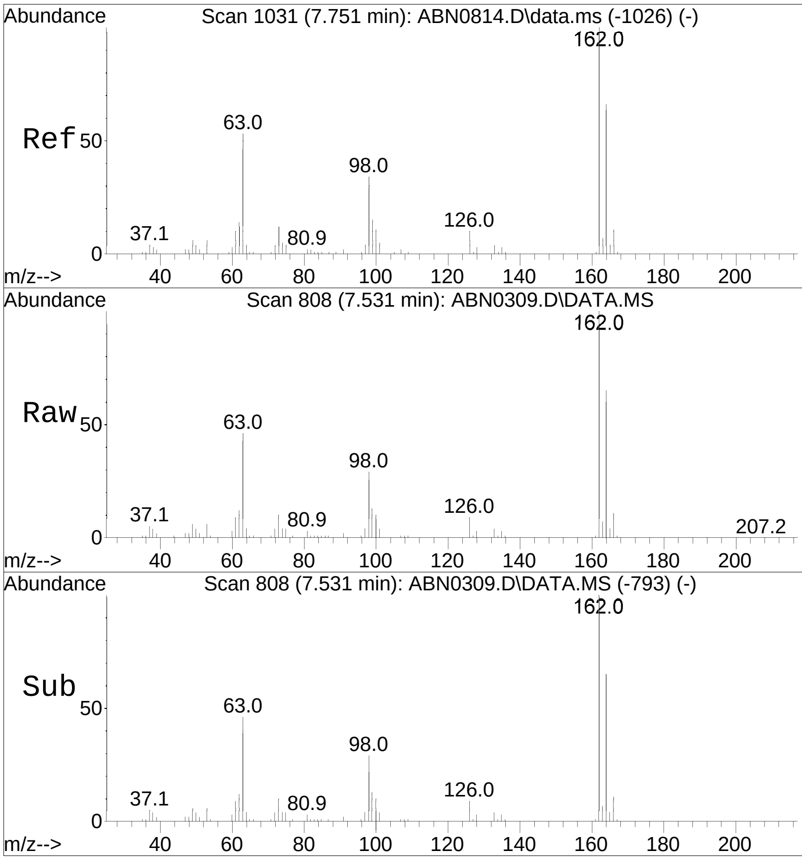


#24
Bis(2-chloroethoxy)methane
Concen: 5.43 ug/ml
RT: 7.457 min Scan# 800
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 93 Resp: 212811

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.8	38.8
123	12.1	10.1	15.1

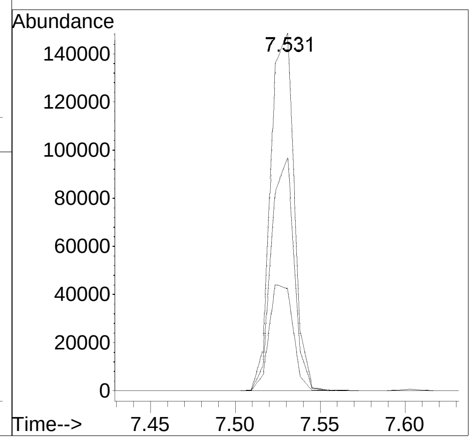


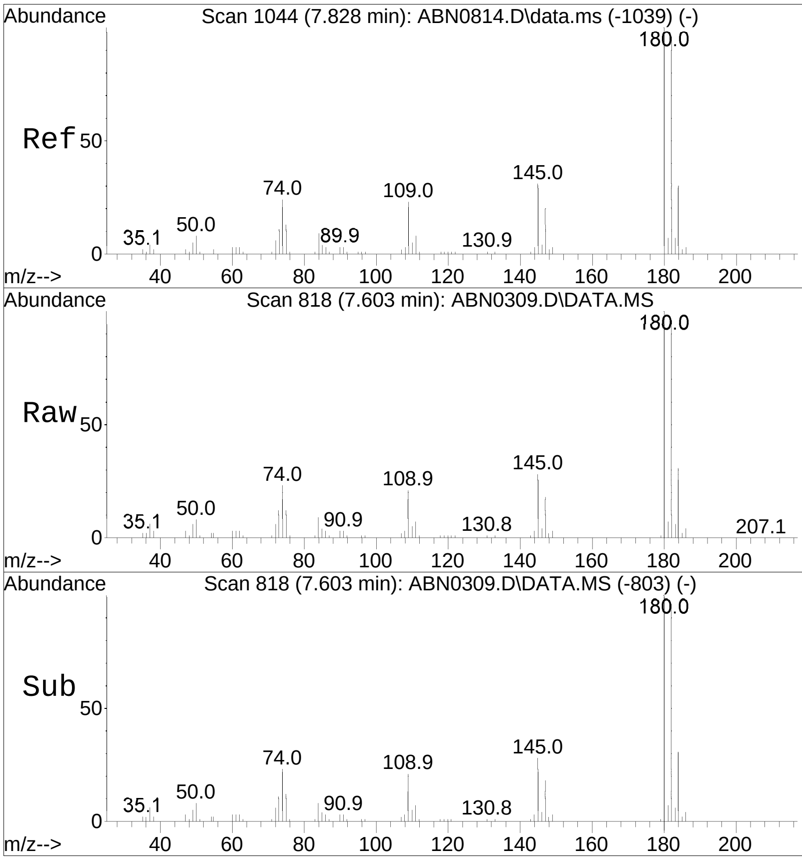


#25
2,4-Dichlorophenol
Concen: 5.74 ug/ml
RT: 7.531 min Scan# 808
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:162 Resp: 166971

Ion	Ratio	Lower	Upper
162	100		
164	64.4	51.0	76.4
98	25.8	32.2	48.2#

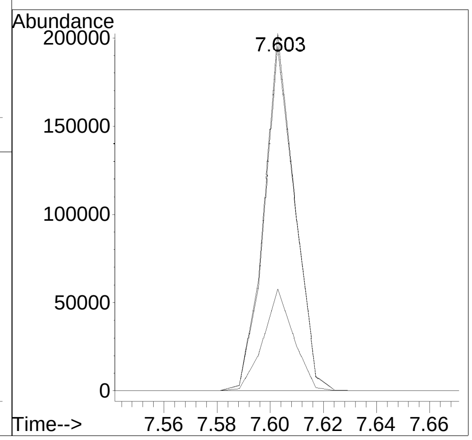


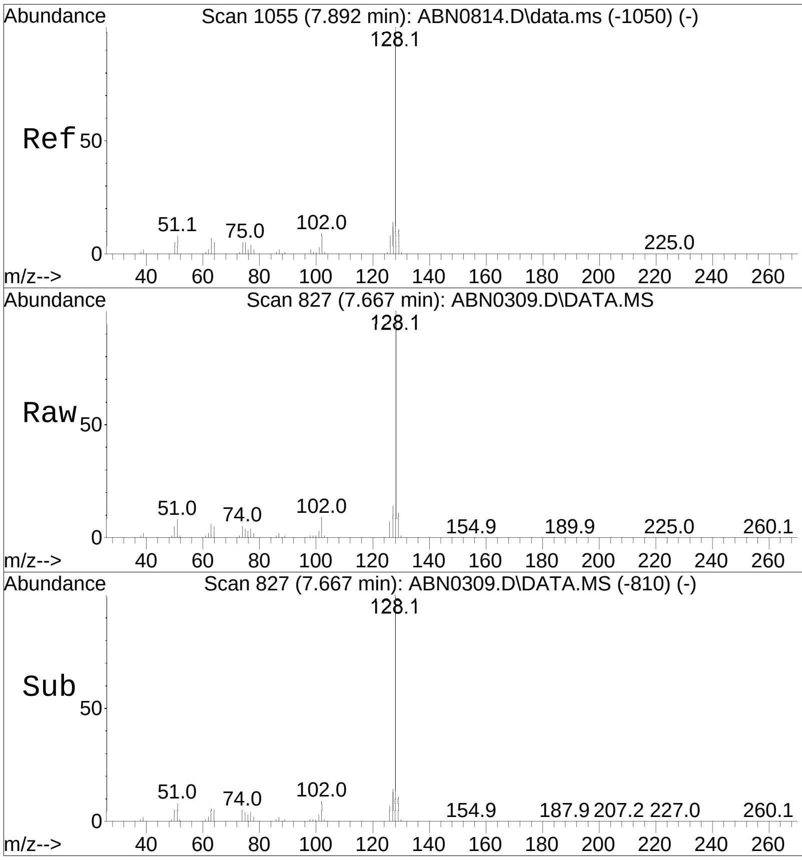


#26
1,2,4-Trichlorobenzene
Concen: 4.32 ug/ml
RT: 7.603 min Scan# 818
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:180 Resp: 161417

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.0	114.0
145	28.3	25.7	38.5

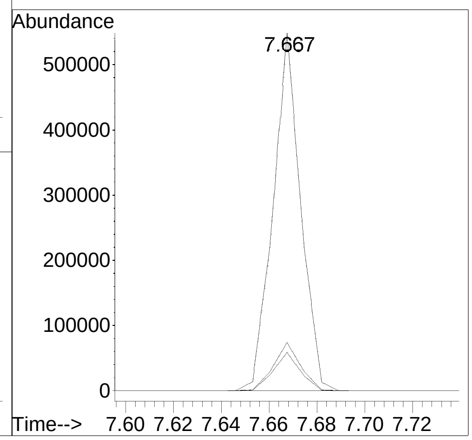


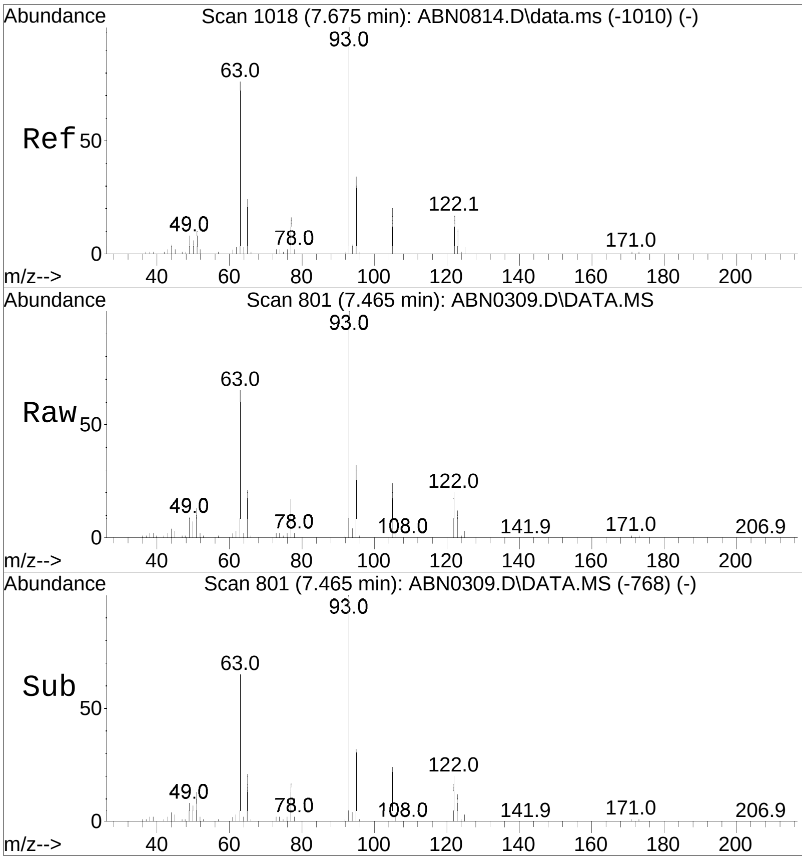


#36
Naphthalene
Concen: 4.78 ug/ml
RT: 7.667 min Scan# 827
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:128 Resp: 435605

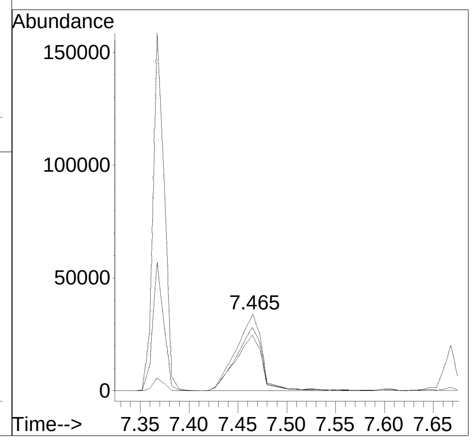
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.5	10.3	15.5

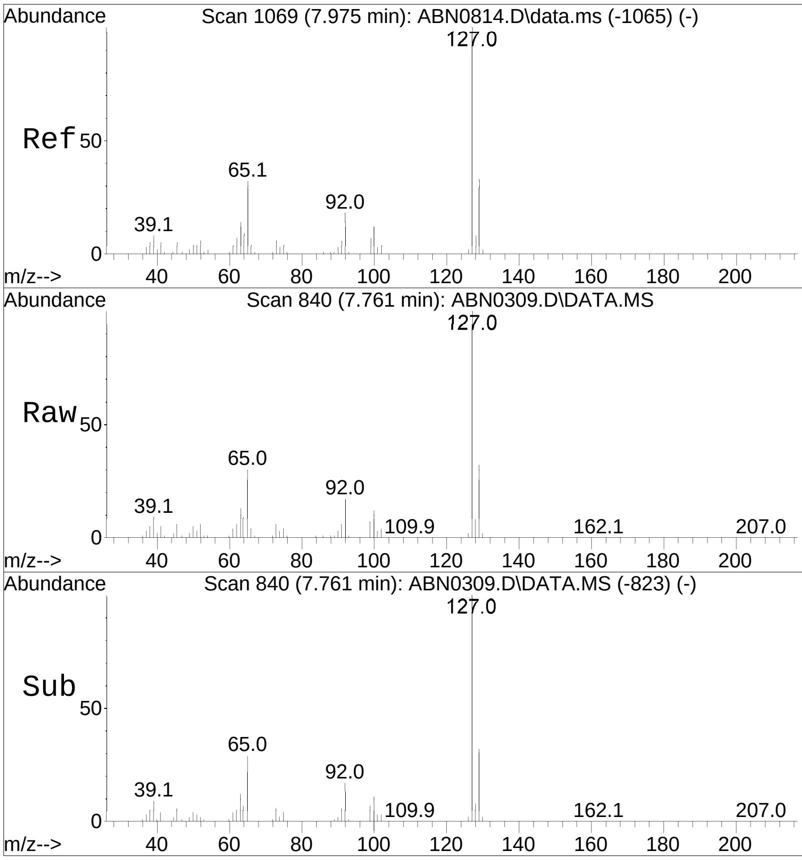





```
#37
Benzoic Acid
Concen:    5.39 ug/ml
RT:   7.465 min  Scan# 801
Delta R.T.  0.000 min
Lab File:   ABN0309.D
Acq:  9 Mar 2025  11:22 am

Tgt Ion:105 Resp:   66940
Ion  Ratio  Lower  Upper
105  100
122   84.0   59.9   89.9
 77   78.8   60.1   90.1
```

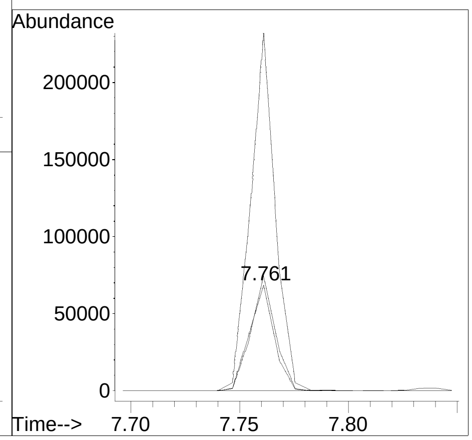


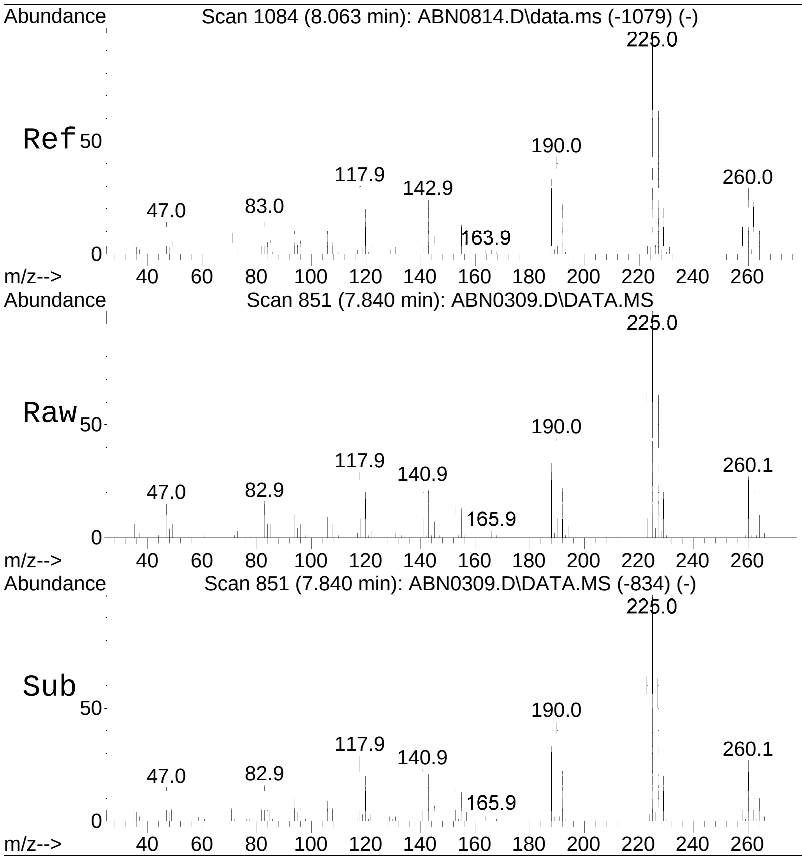


#38
4-Chloroaniline
Concen: 4.73 ug/ml
RT: 7.761 min Scan# 840
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 65 Resp: 54444

Ion	Ratio	Lower	Upper
65	100		
127	333.6	237.6	356.4
129	106.9	76.3	114.5

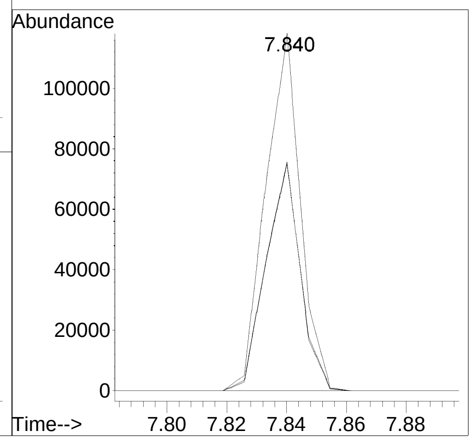


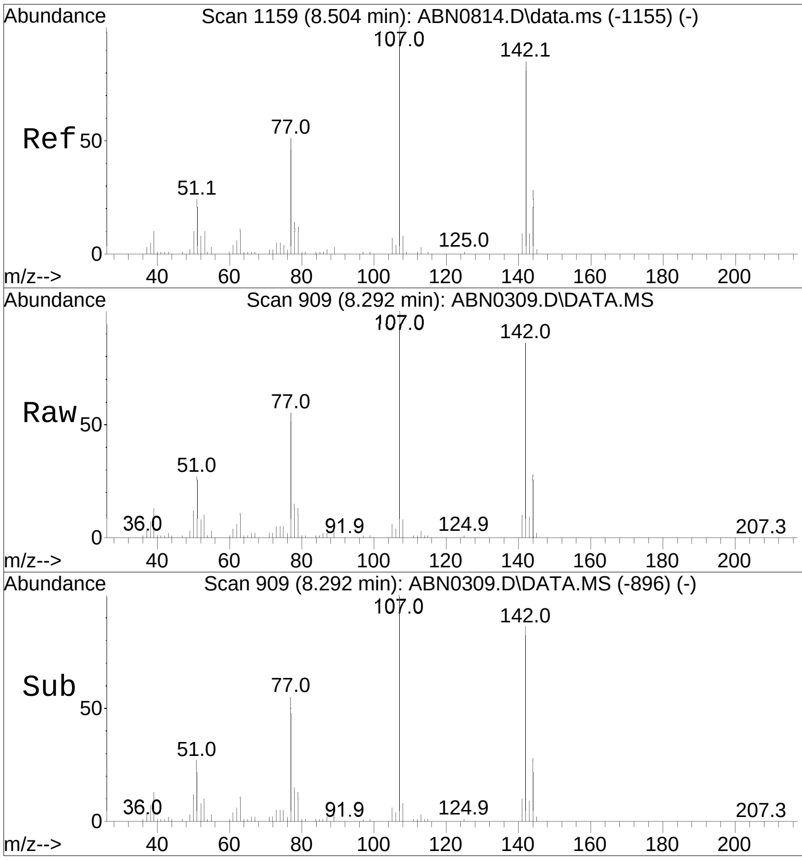


#39
Hexachlorobutadiene
Concen: 4.34 ug/ml
RT: 7.840 min Scan# 851
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:225 Resp: 94822

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	63.2	52.2	78.2

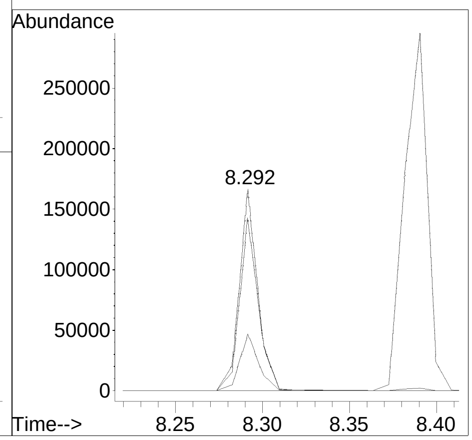


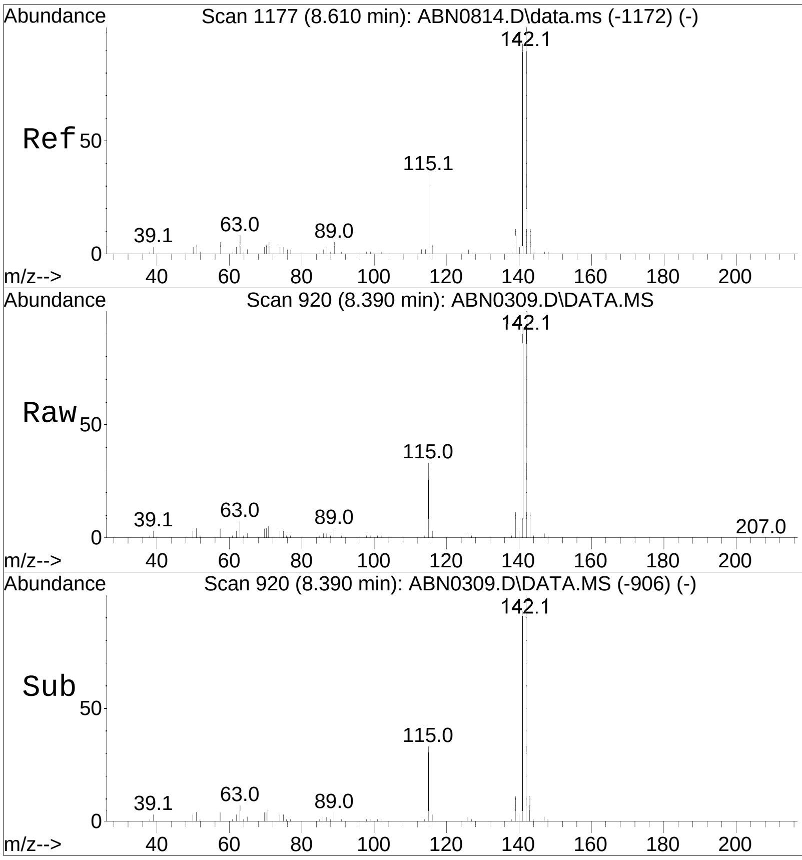


#40
p-Chloro-m-cresol
Concen: 5.05 ug/ml
RT: 8.292 min Scan# 909
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:107 Resp: 122117

Ion	Ratio	Lower	Upper
107	100		
144	28.5	20.9	31.3
142	87.4	66.1	99.1

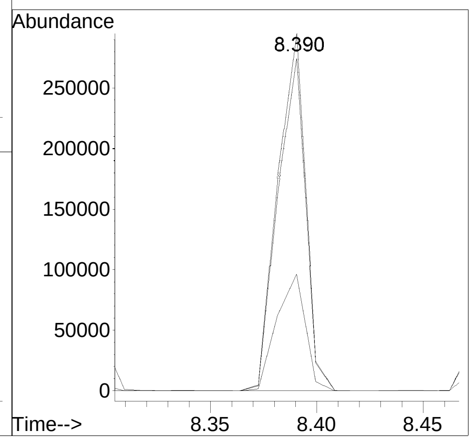


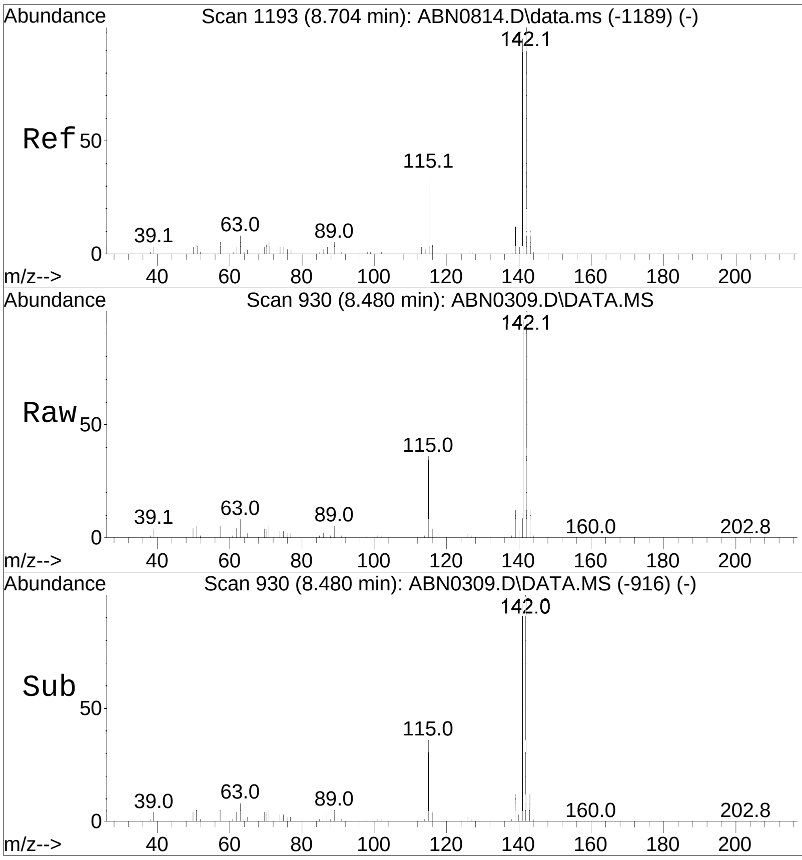


#41
2-Methylnaphthalene
Concen: 4.63 ug/ml
RT: 8.390 min Scan# 920
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:142 Resp: 269027

Ion	Ratio	Lower	Upper
142	100		
141	93.2	69.6	104.4
115	33.6	26.6	40.0

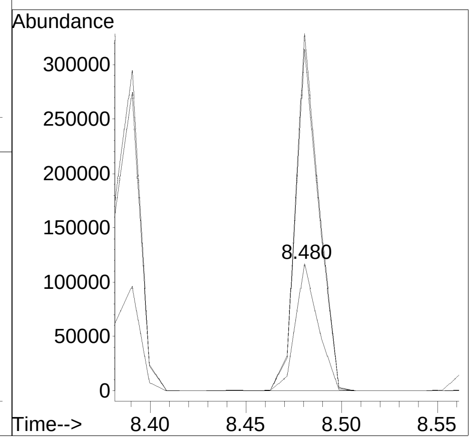


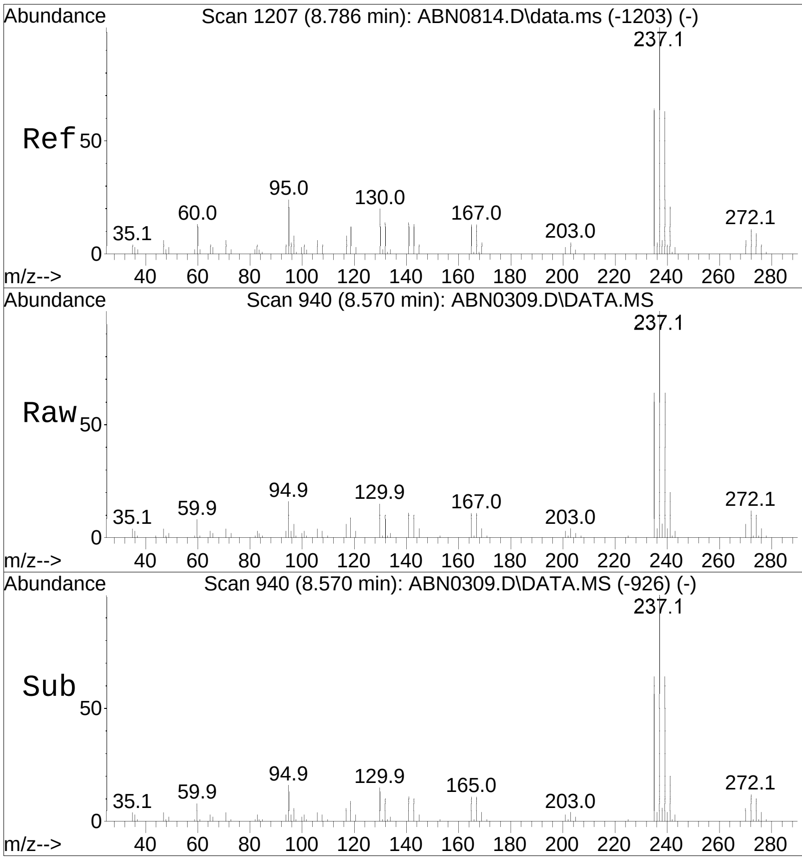


#42
1-Methylnaphthalene
Concen: 4.67 ug/ml
RT: 8.480 min Scan# 930
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:115 Resp: 97435

Ion	Ratio	Lower	Upper
115	100		
141	269.9	207.8	311.6
142	282.8	226.8	340.2

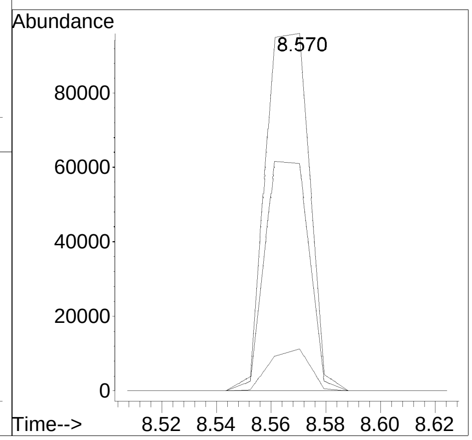


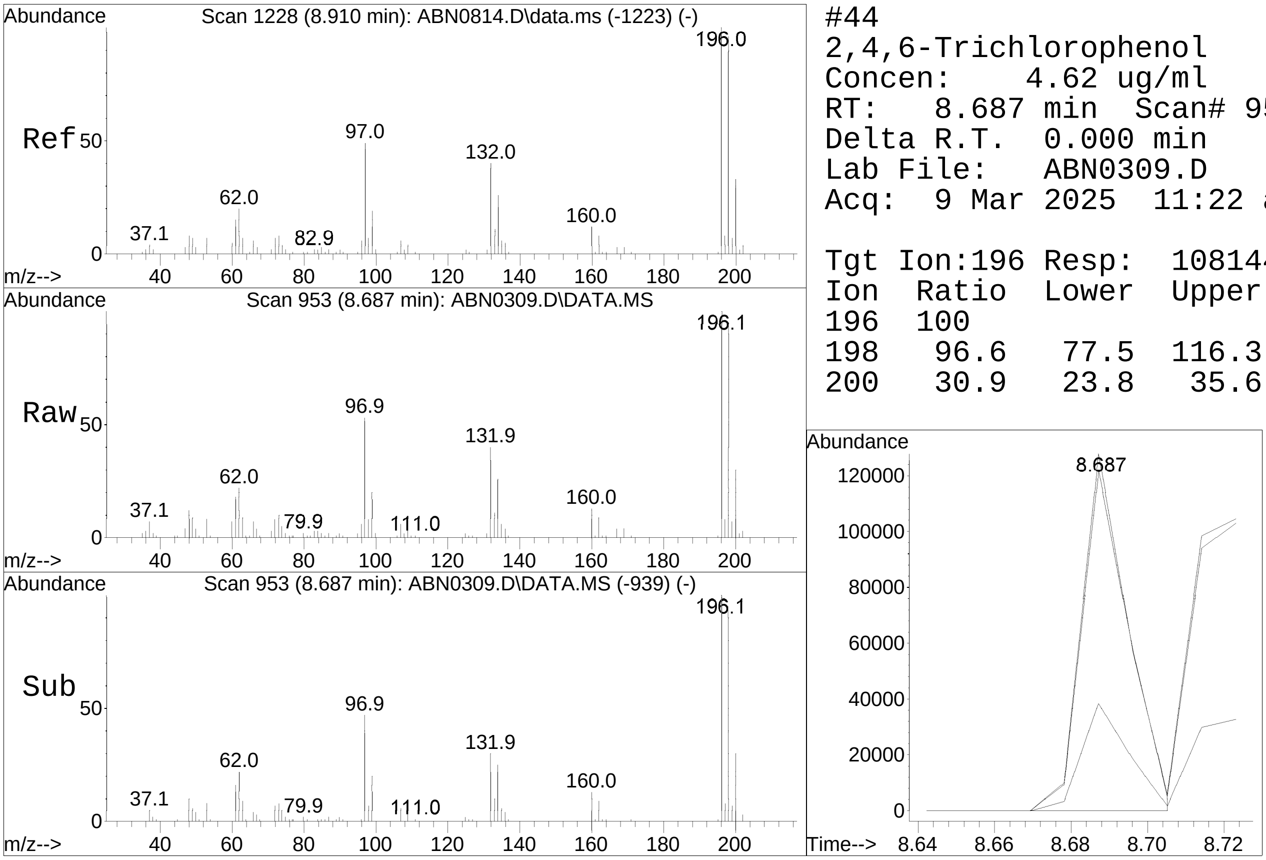


#43
Hexachlorocyclopentadiene
Concen: 4.37 ug/ml
RT: 8.570 min Scan# 940
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:237 Resp: 107420

Ion	Ratio	Lower	Upper
237	100		
235	64.2	49.7	74.5
272	10.8	9.8	14.6

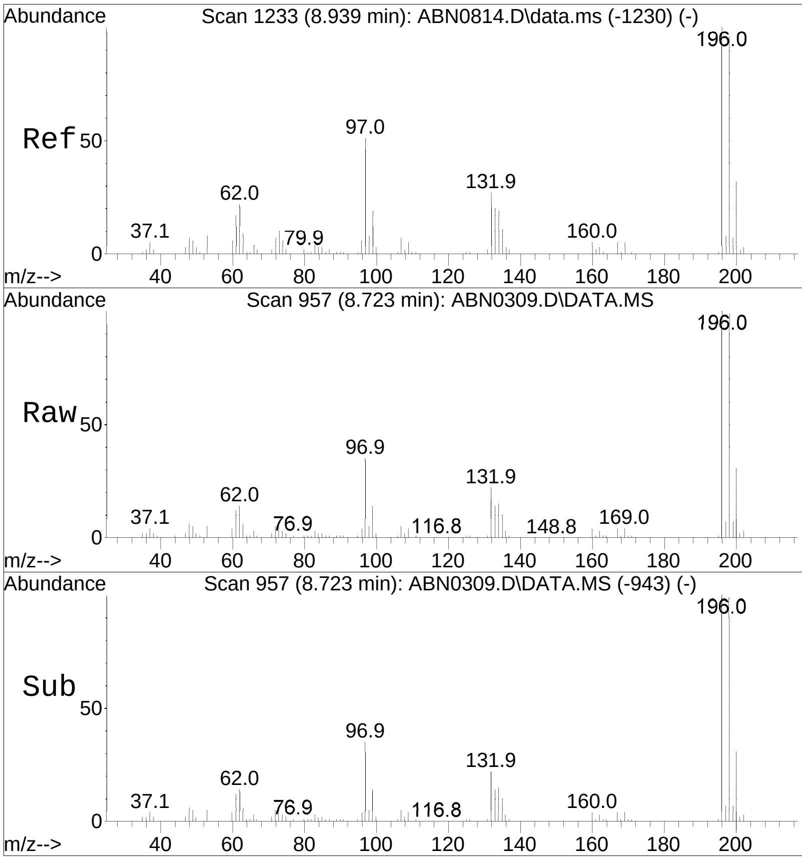




#44
2,4,6-Trichlorophenol
Concen: 4.62 ug/ml
RT: 8.687 min Scan# 953
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:196 Resp: 108144

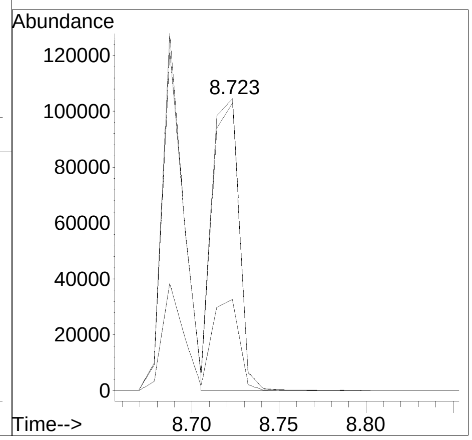
Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.5	116.3
200	30.9	23.8	35.6

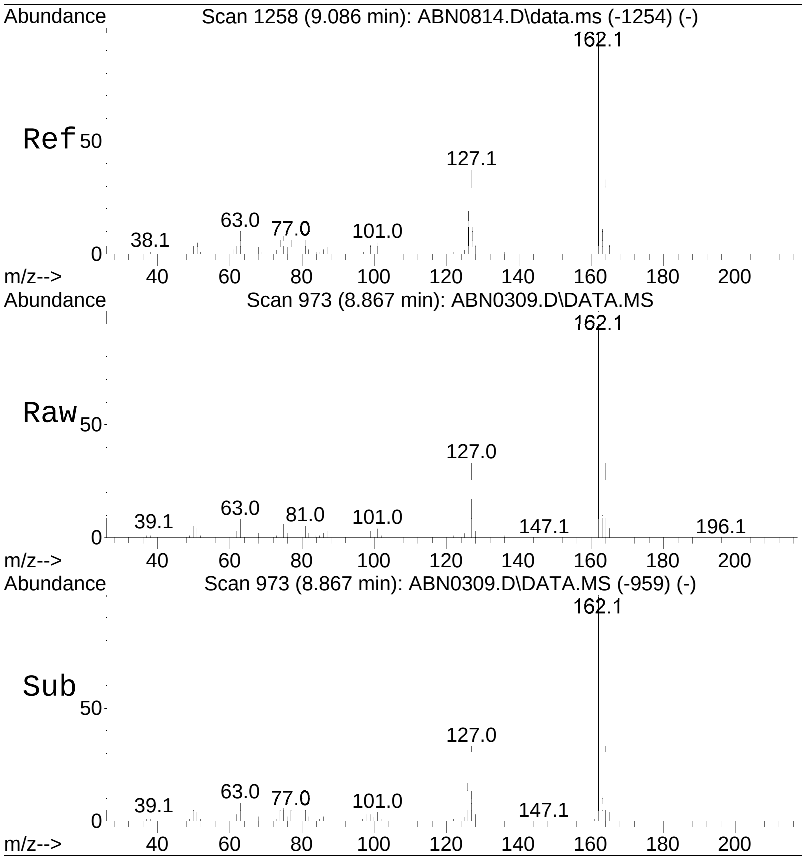


#45
2,4,5-Trichlorophenol
Concen: 4.68 ug/ml
RT: 8.723 min Scan# 957
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:196 Resp: 114133

Ion	Ratio	Lower	Upper
196	100		
200	30.8	25.4	38.0
198	97.2	78.0	117.0

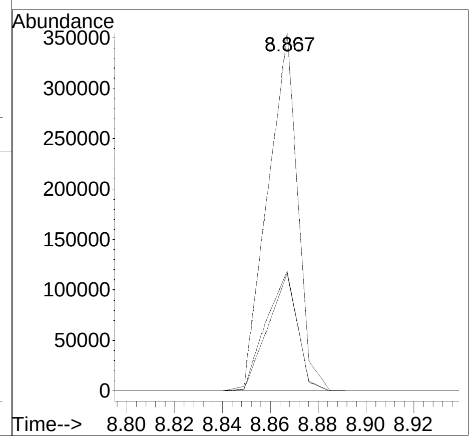


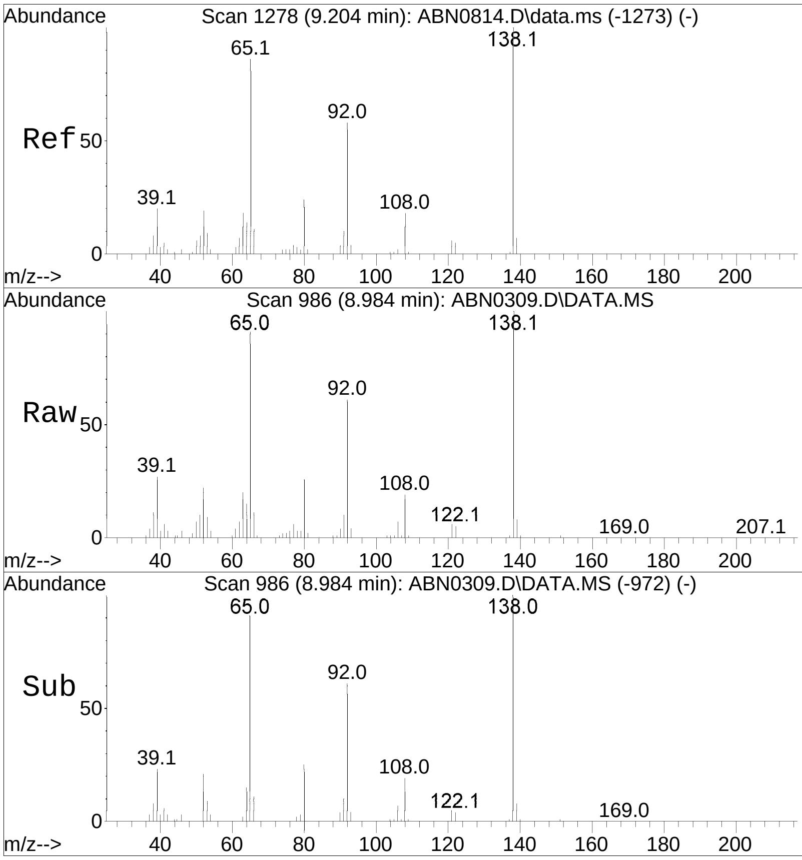


#47
2-Chloronaphthalene
Concen: 4.35 ug/ml
RT: 8.867 min Scan# 973
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:162 Resp: 306201

Ion	Ratio	Lower	Upper
162	100		
127	34.7	32.2	48.4
164	32.6	25.7	38.5

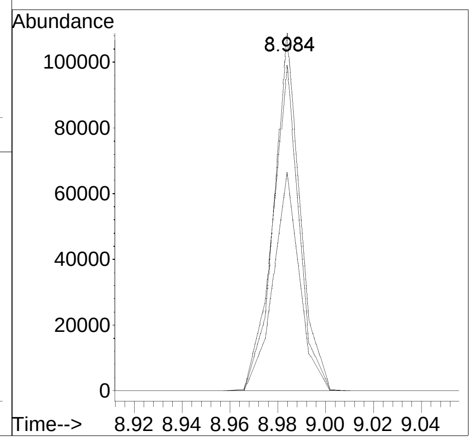


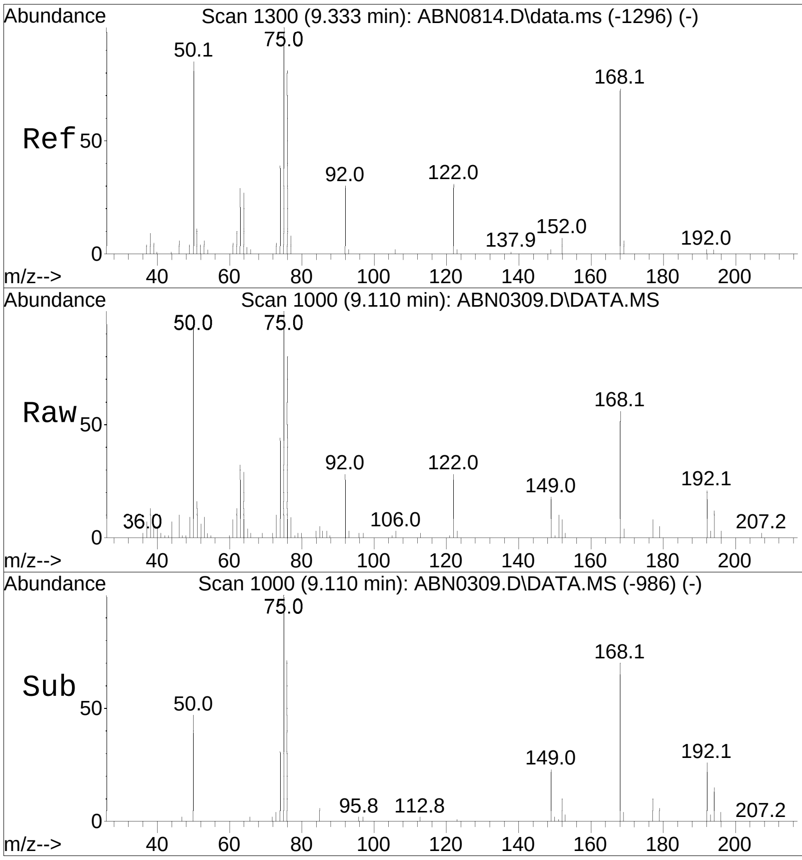


#48
2-Nitroaniline
Concen: 4.82 ug/ml
RT: 8.984 min Scan# 986
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:138 Resp: 82831

Ion	Ratio	Lower	Upper
138	100		
92	61.3	53.5	80.3
65	92.3	86.3	129.5

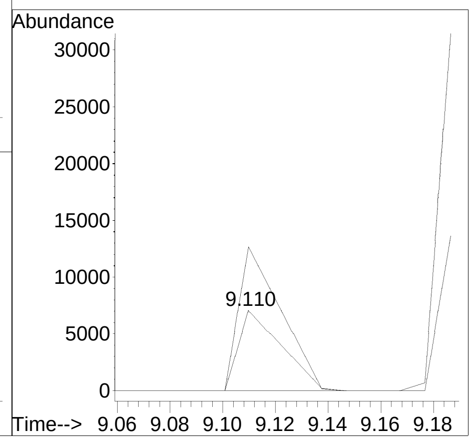


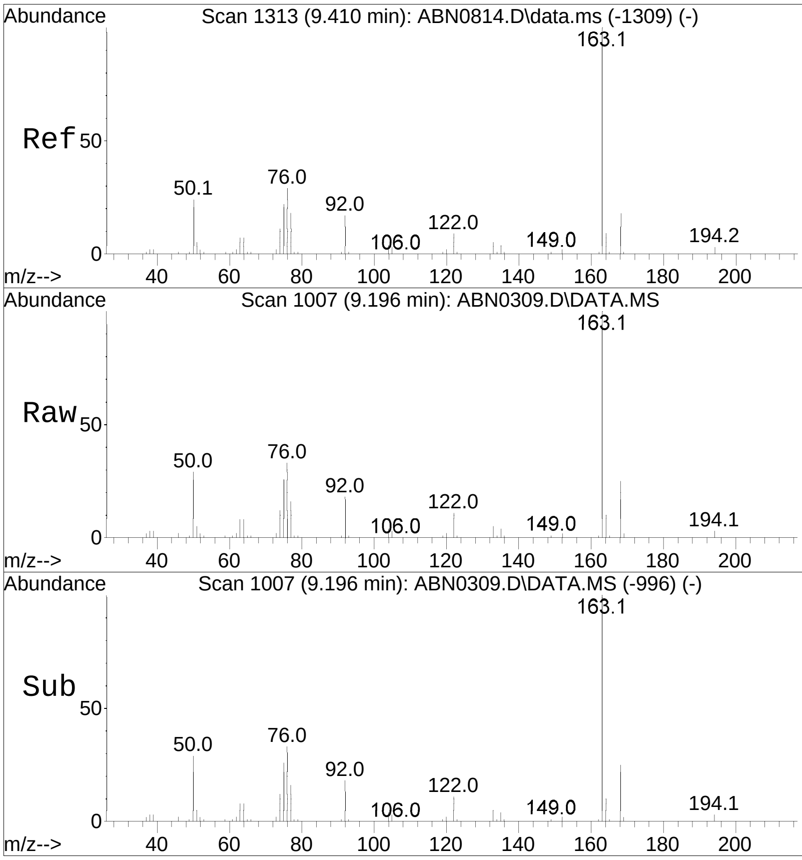


#49
1,4-Dinitrobenzene
Concen: 0.81 ug/ml
RT: 9.110 min Scan# 1000
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:168 Resp: 5697

Ion	Ratio	Lower	Upper
168	100		
75	187.9	121.8	182.8#

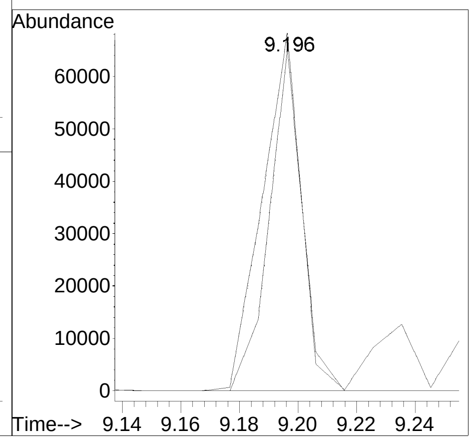


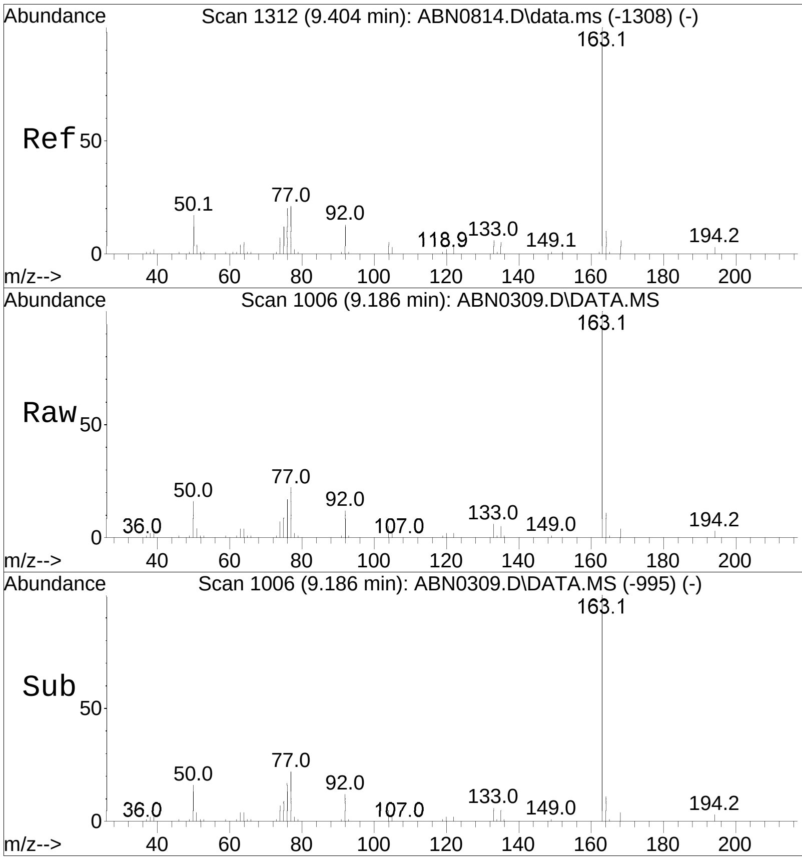


#50
1,3-Dinitrobenzene
Concen: 4.48 ug/ml
RT: 9.196 min Scan# 1007
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:168 Resp: 50658

Ion	Ratio	Lower	Upper
168	100		
75	122.5	22.7	34.1#

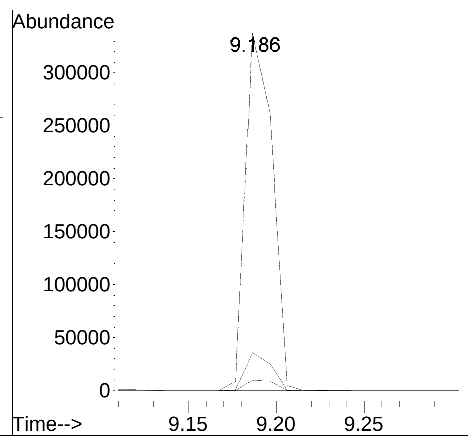


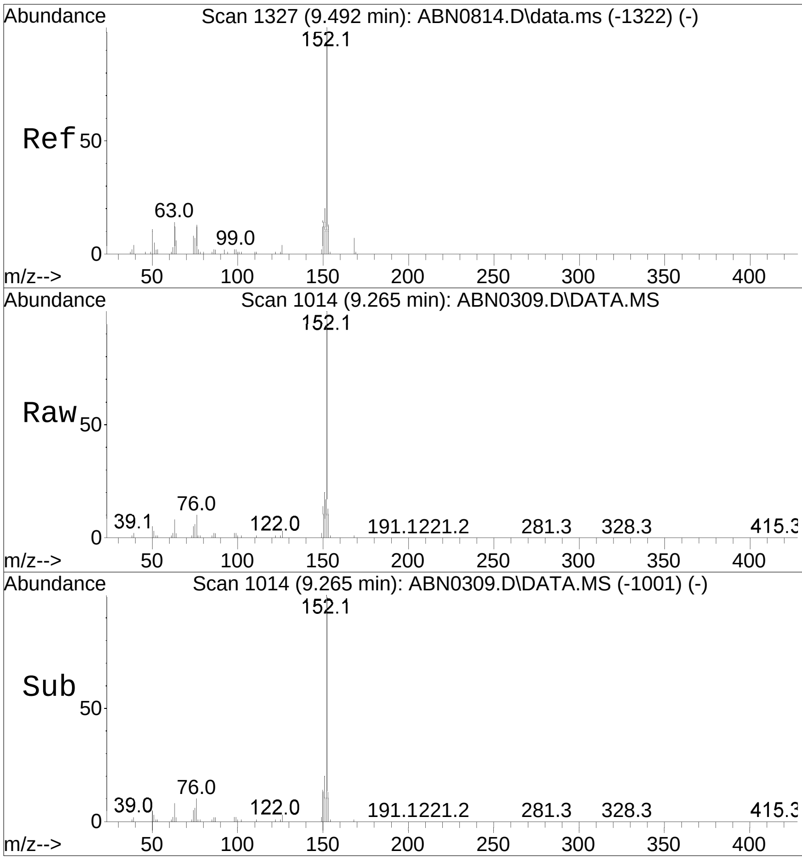


#51
Dimethyl phthalate
Concen: 4.22 ug/ml
RT: 9.186 min Scan# 1006
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:163 Resp: 359844

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.5	5.3#
164	10.2	7.9	11.9

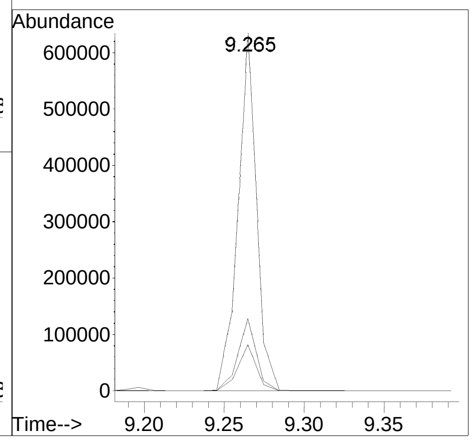


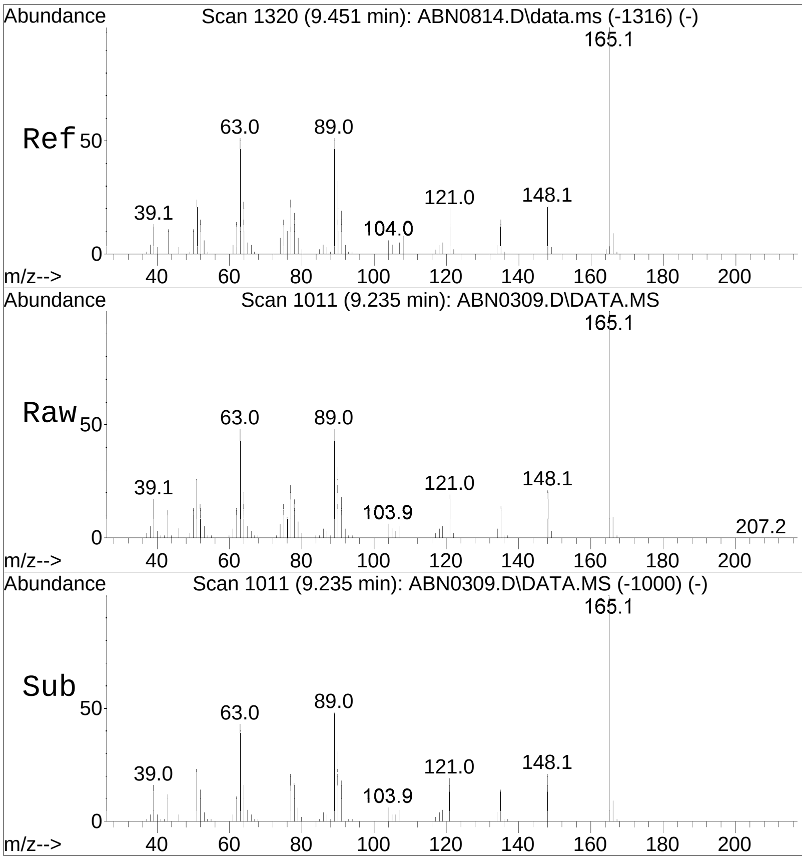


#52
Acenaphthylene
Concen: 4.72 ug/ml
RT: 9.265 min Scan# 1014
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:152 Resp: 506044

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.0	10.5	15.7

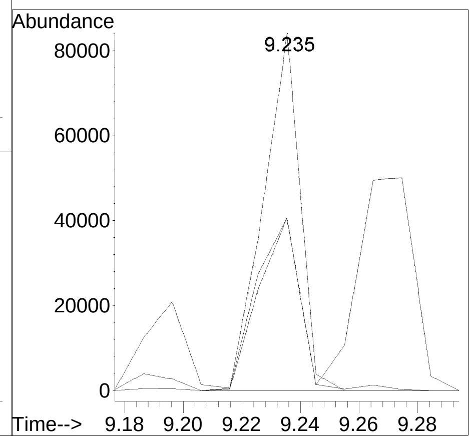


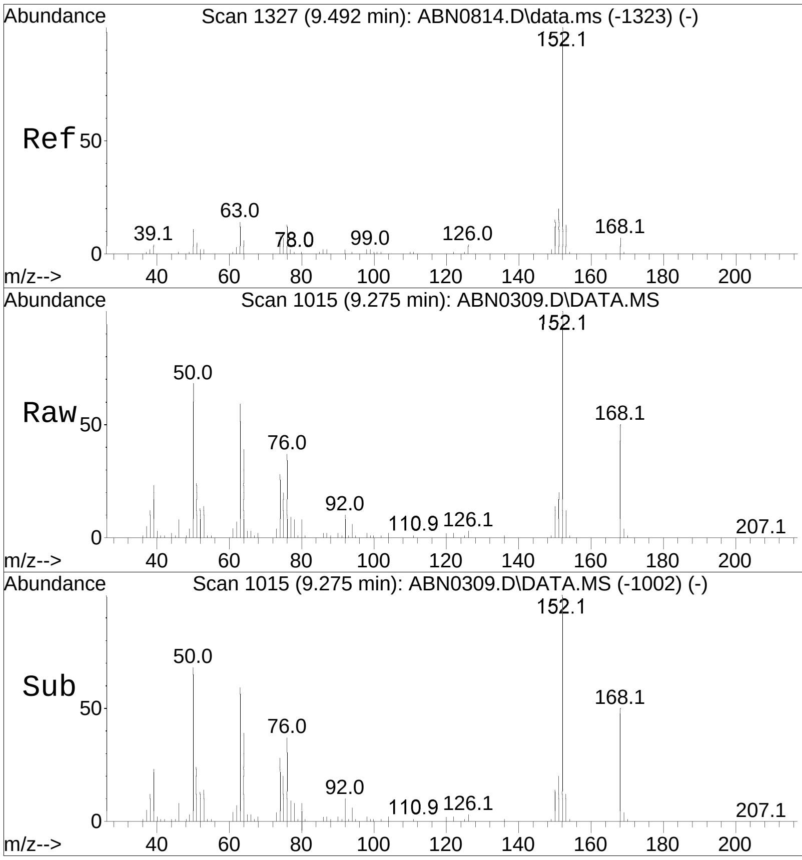


#53
2,6-Dinitrotoluene
Concen: 4.57 ug/ml
RT: 9.235 min Scan# 1011
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:165 Resp: 73067

Ion	Ratio	Lower	Upper
165	100		
89	54.9	54.2	81.2
63	55.8	64.2	96.2#

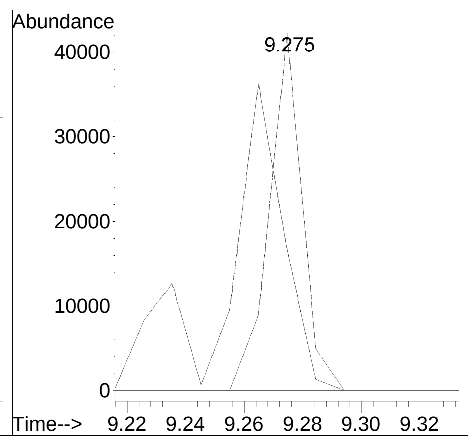


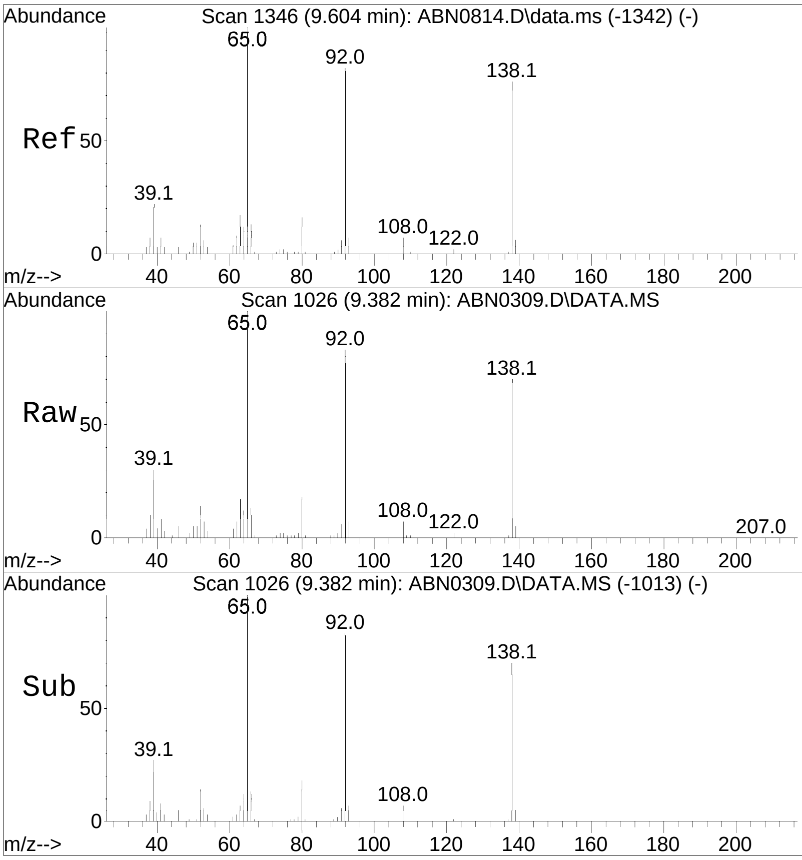


#54
1,2-Dinitrobenzene
Concen: 4.85 ug/ml
RT: 9.275 min Scan# 1015
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:168 Resp: 32947

Ion	Ratio	Lower	Upper
168	100		
75	152.2	30.9	46.3#

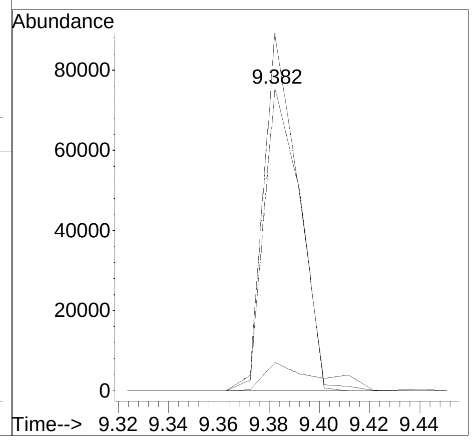


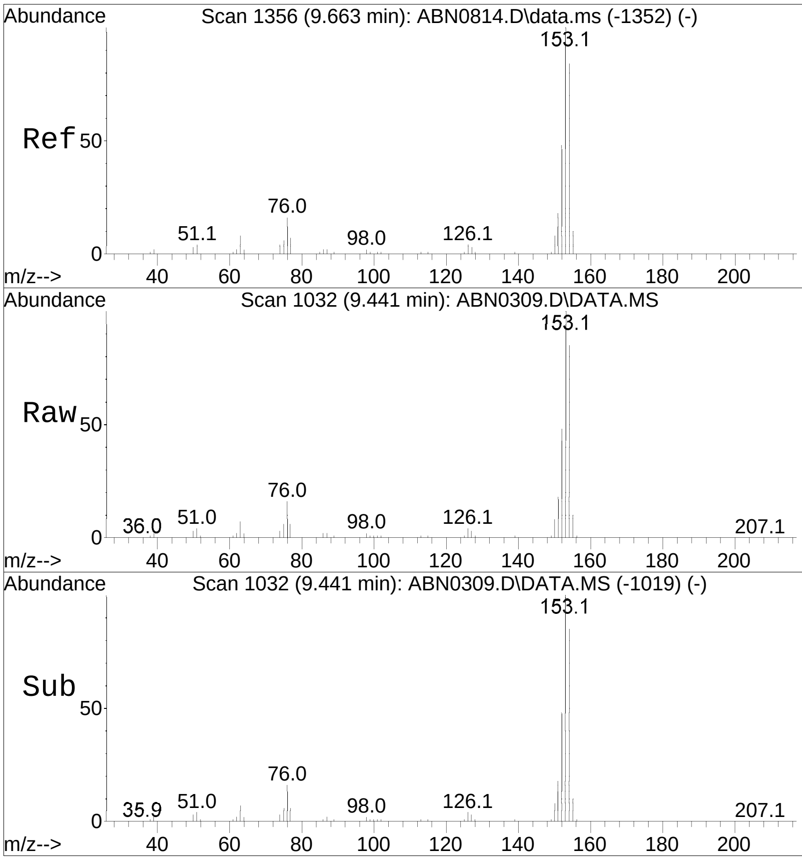


#64
3-Nitroaniline
Concen: 5.55 ug/ml
RT: 9.382 min Scan# 1026
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:138 Resp: 75852

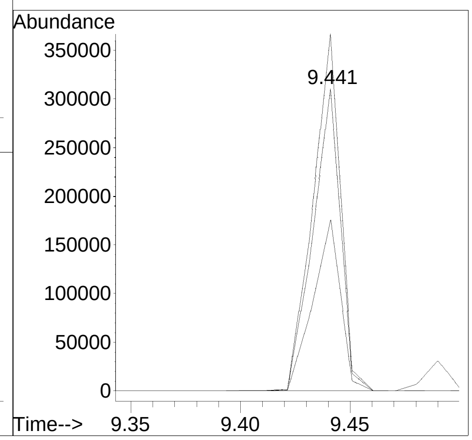
Ion	Ratio	Lower	Upper
138	100		
92	112.3	93.4	140.2
108	14.5	9.5	14.3#

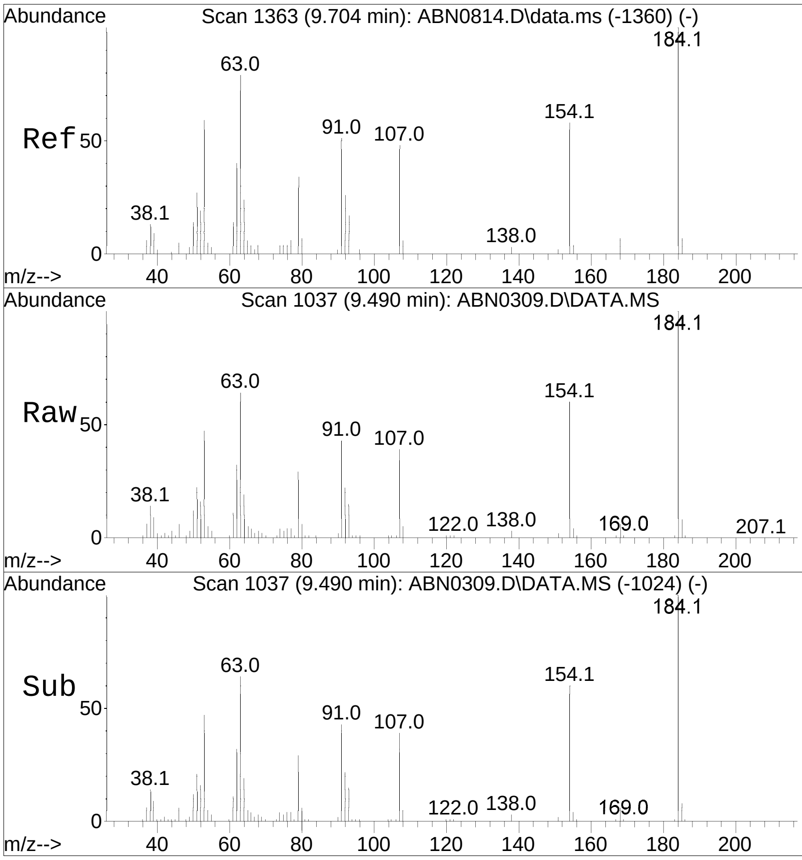





```
#65
Acenaphthene
Concen:    4.78 ug/ml
RT:   9.441 min  Scan# 1032
Delta R.T.  0.000 min
Lab File:   ABN0309.D
Acq:  9 Mar 2025  11:22 am

Tgt Ion:154 Resp:  271622
Ion  Ratio  Lower  Upper
154  100
153  117.7   85.3  127.9
152   56.7   41.4   62.0
```

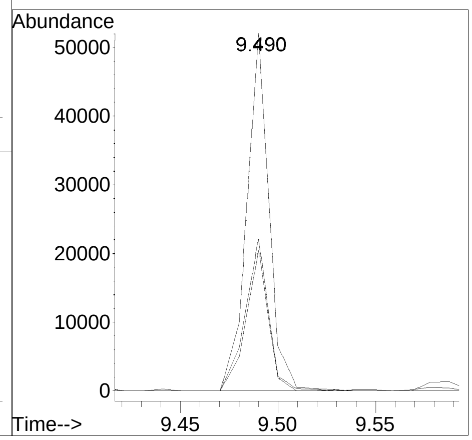


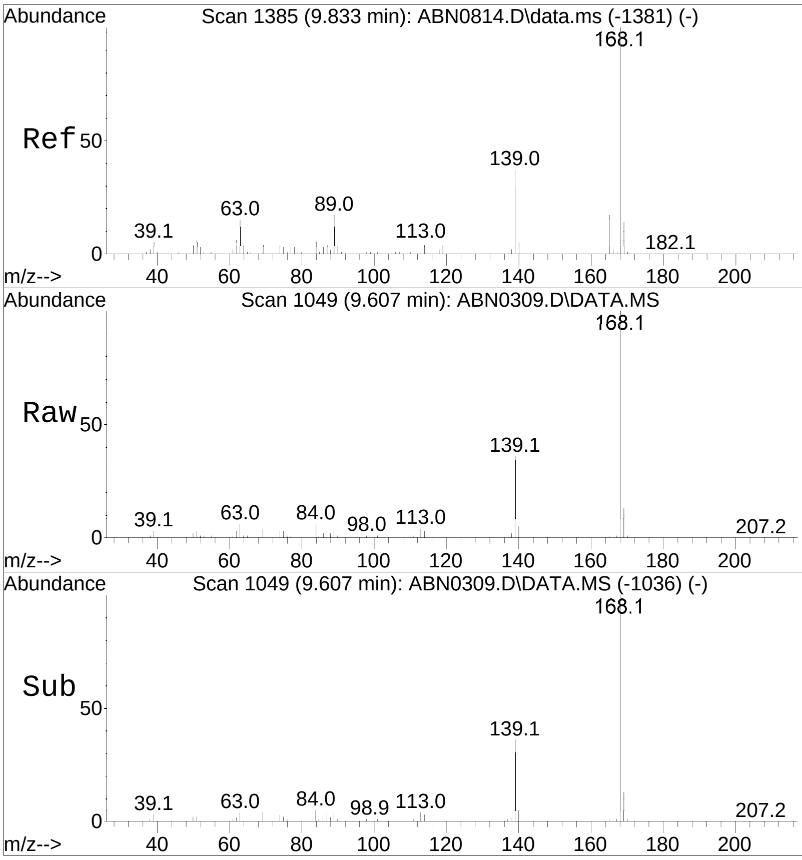


#66
2,4-Dinitrophenol
Concen: 5.58 ug/ml
RT: 9.490 min Scan# 1037
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:184 Resp: 40897

Ion	Ratio	Lower	Upper
184	100		
107	39.4	37.7	56.5
91	44.8	46.3	69.5#

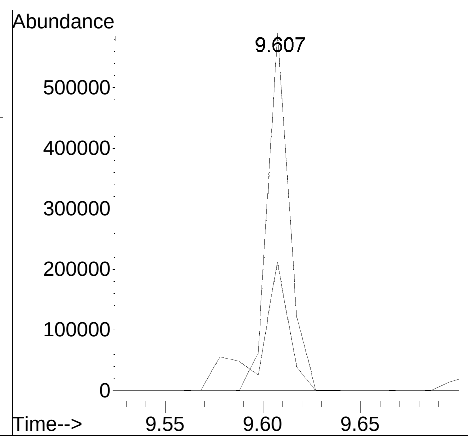


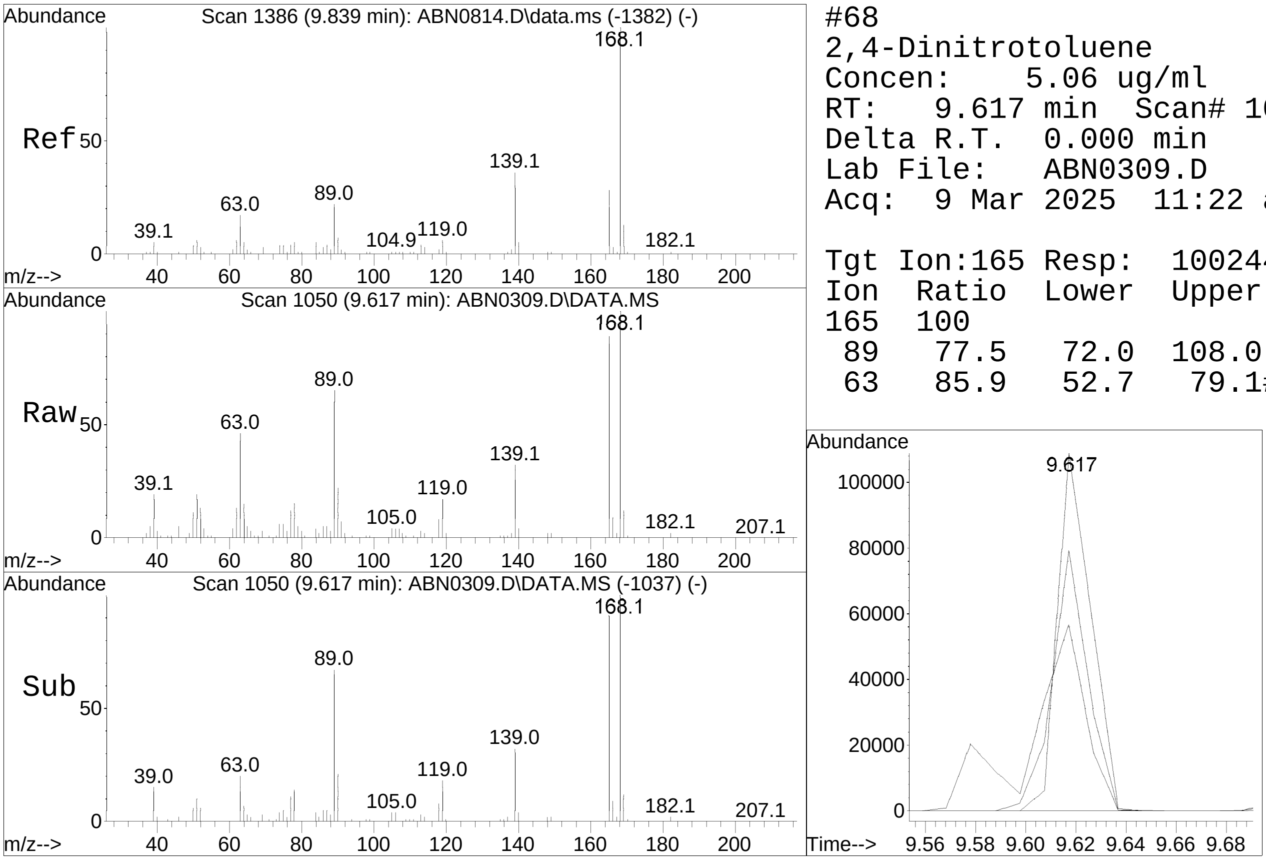


#67
Dibenzofuran
Concen: 4.70 ug/ml
RT: 9.607 min Scan# 1049
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:168 Resp: 455516

Ion	Ratio	Lower	Upper
168	100		
139	49.2	31.4	47.2#

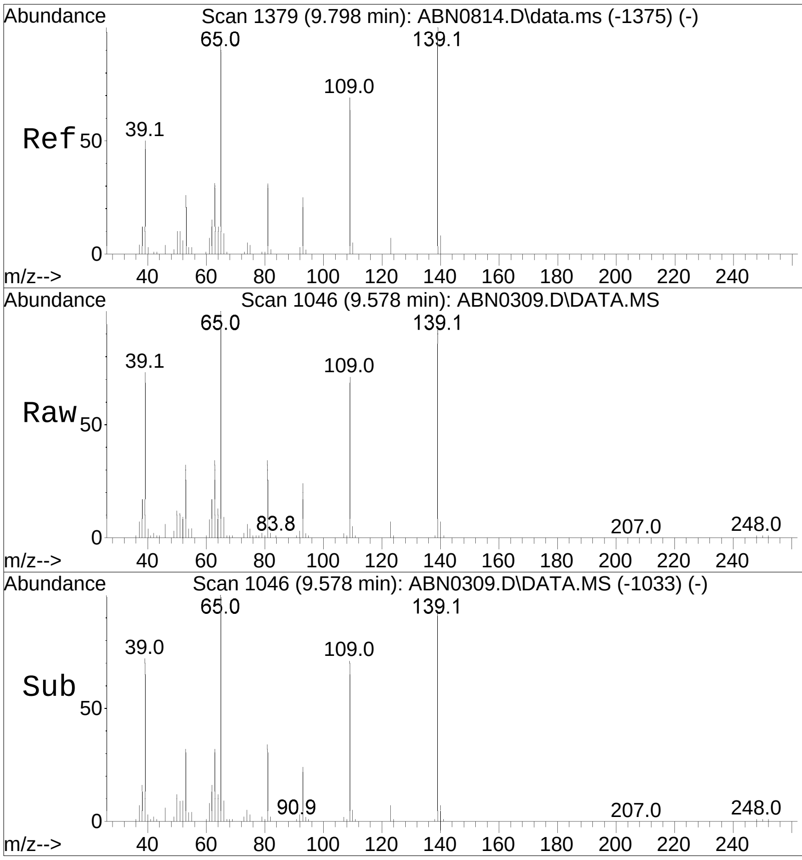




#68
2,4-Dinitrotoluene
Concen: 5.06 ug/ml
RT: 9.617 min Scan# 1050
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:165 Resp: 100244

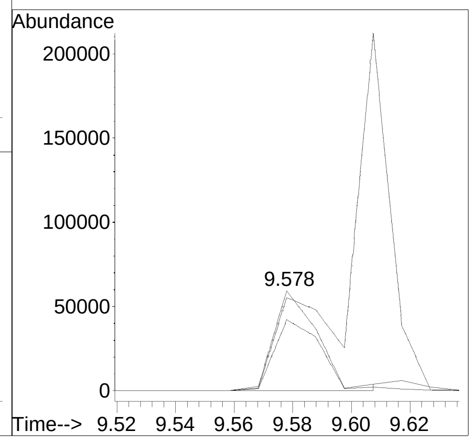
Ion	Ratio	Lower	Upper
165	100		
89	77.5	72.0	108.0
63	85.9	52.7	79.1#

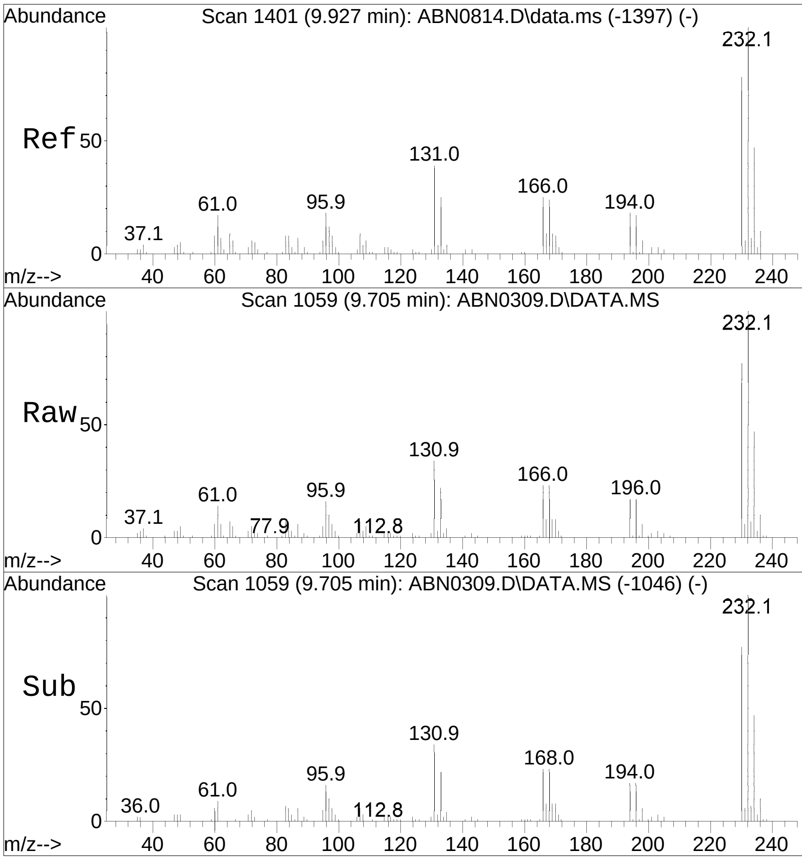


#69
4-Nitrophenol
Concen: 5.79 ug/ml
RT: 9.578 min Scan# 1046
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 65 Resp: 60938

Ion	Ratio	Lower	Upper
65	100		
109	76.7	47.4	71.2#
139	368.0	76.6	115.0#

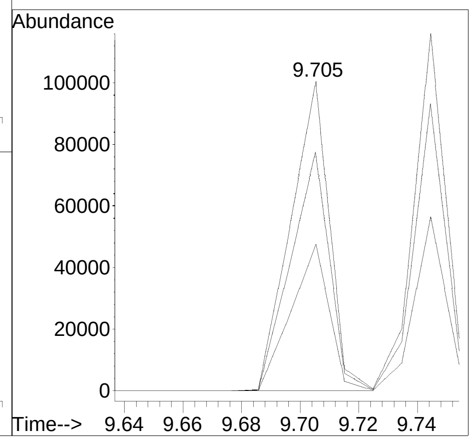


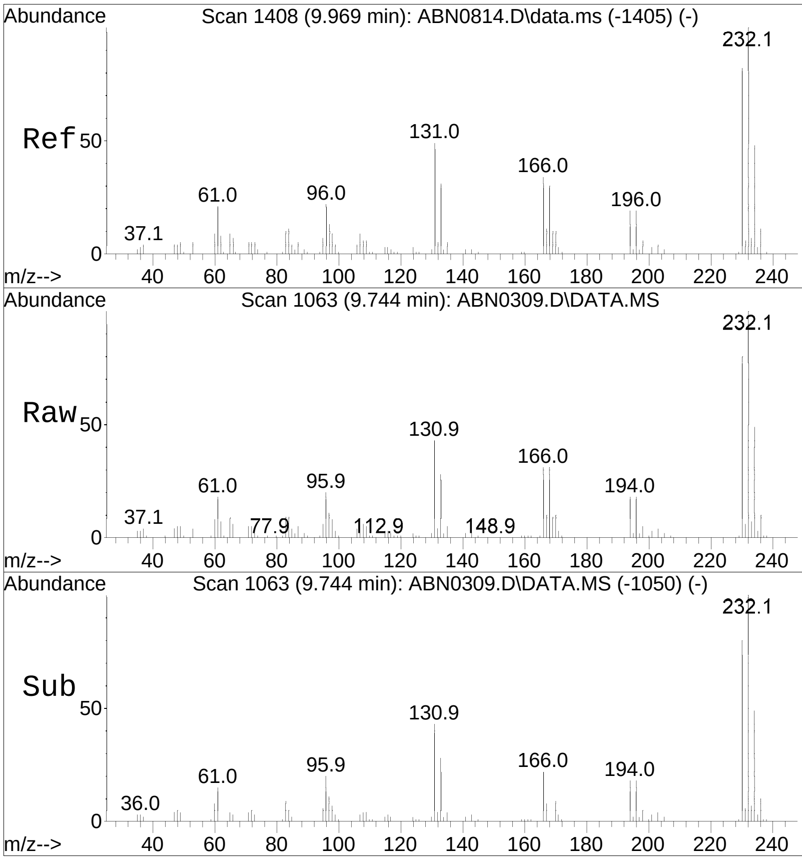


#70
2,3,5,6-Tetrachlorophenol
Concen: 5.32 ug/ml
RT: 9.705 min Scan# 1059
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:232 Resp: 92079

Ion	Ratio	Lower	Upper
232	100		
230	77.5	64.2	96.4
234	46.9	38.1	57.1

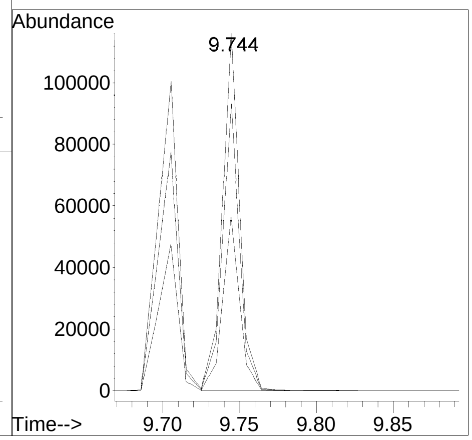


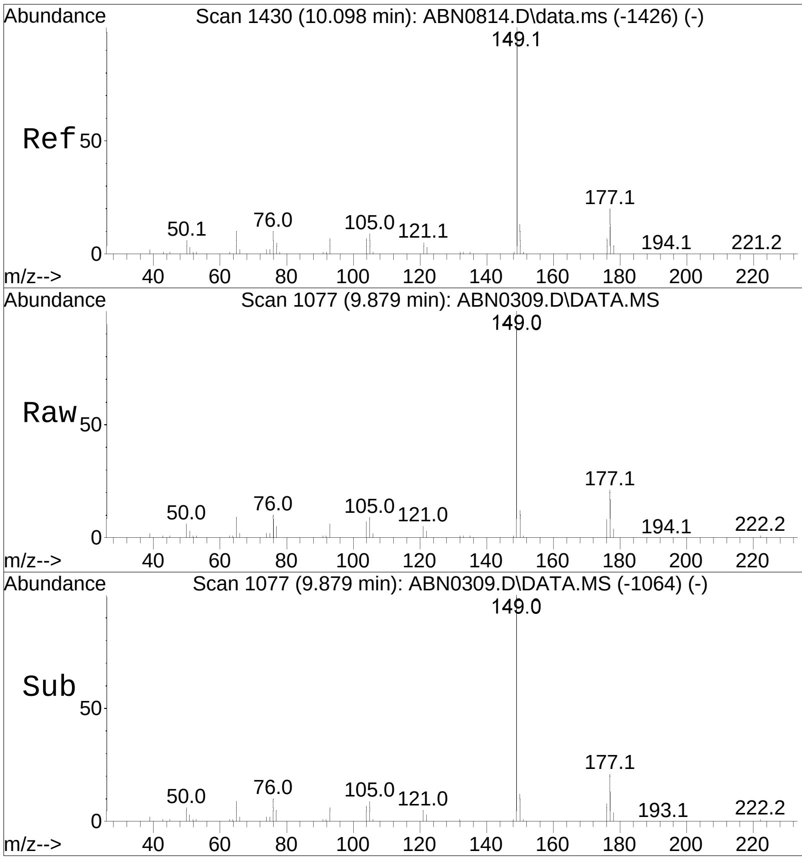


#71
2,3,4,6-Tetrachlorophenol
Concen: 5.58 ug/ml
RT: 9.744 min Scan# 1063
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:232 Resp: 104200

Ion	Ratio	Lower	Upper
232	100		
230	79.7	61.8	92.8
234	42.1	36.2	54.2

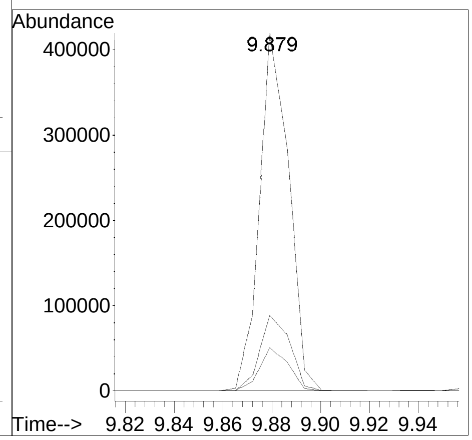


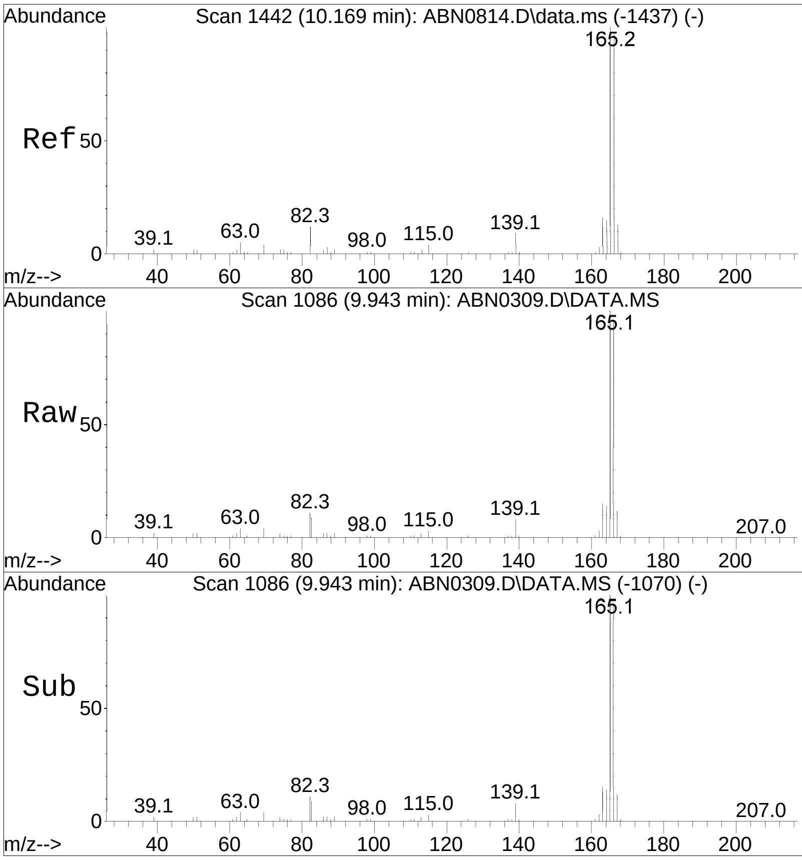


#72
Diethyl phthalate
Concen: 4.96 ug/ml
RT: 9.879 min Scan# 1077
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:149 Resp: 346773

Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.0	9.4	14.2

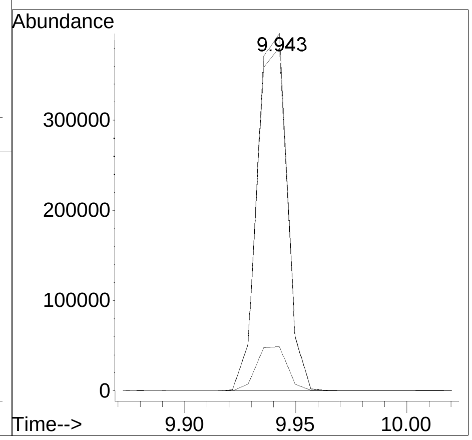


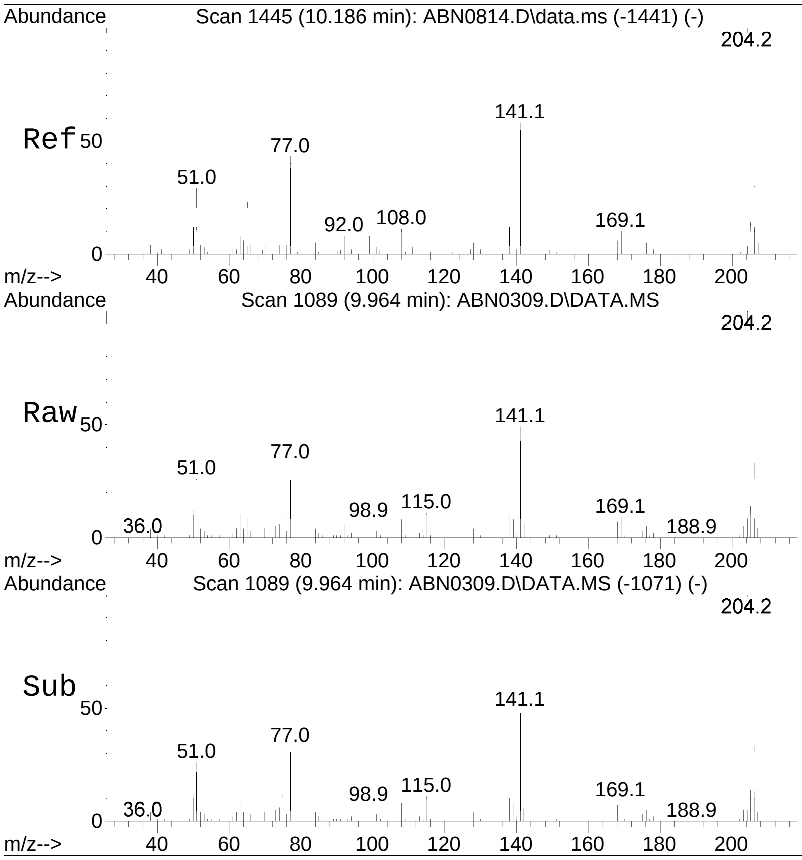


#73
Fluorene
Concen: 4.81 ug/ml
RT: 9.943 min Scan# 1086
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:166 Resp: 361181

Ion	Ratio	Lower	Upper
166	100		
165	103.6	76.2	114.2
167	13.3	10.6	15.8

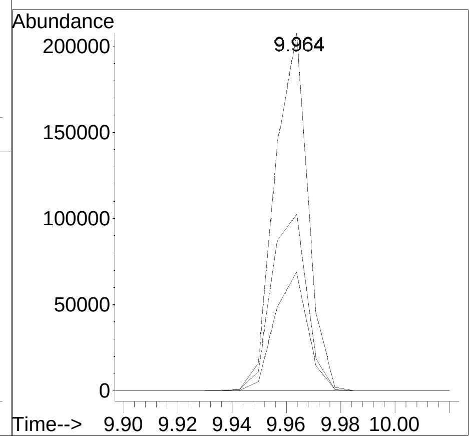


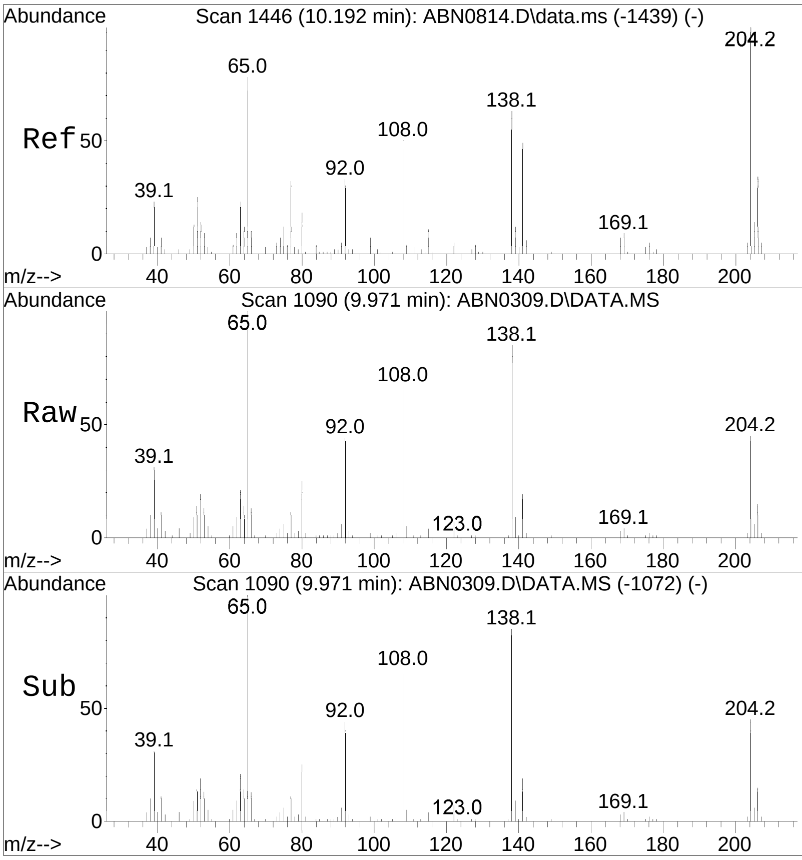


#74
4-Chlorophenyl phenyl ether
Concen: 4.56 ug/ml
RT: 9.964 min Scan# 1089
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:204 Resp: 175503

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	53.3	53.6	80.4#

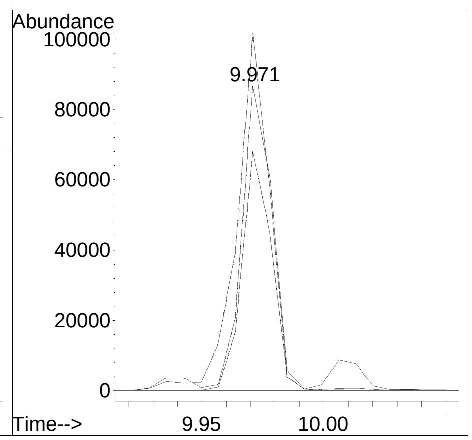


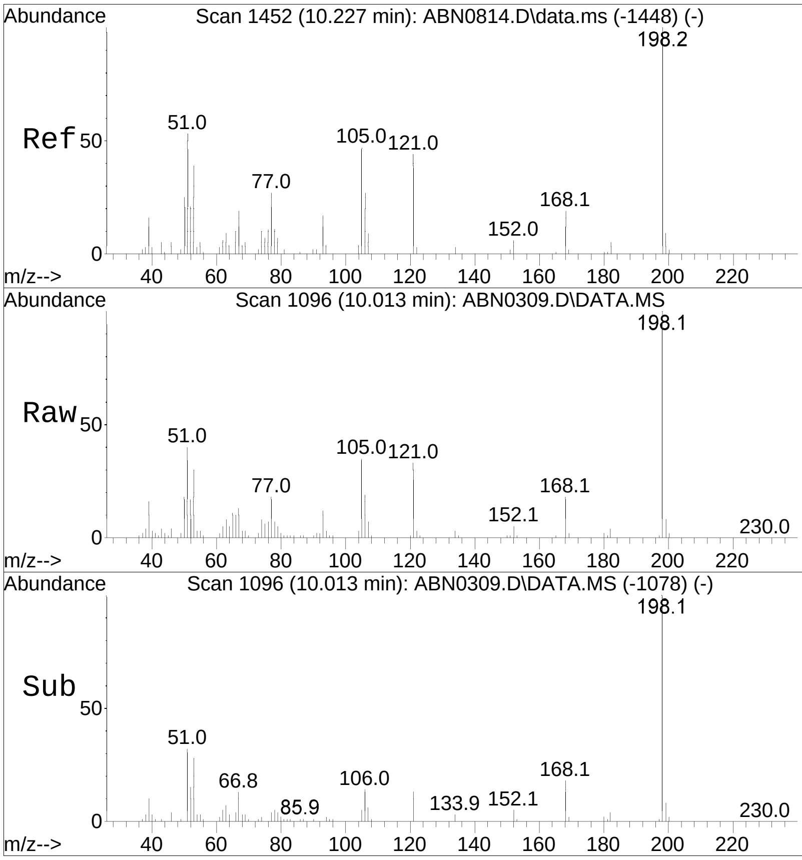


#75
4-Nitroaniline
Concen: 5.75 ug/ml
RT: 9.971 min Scan# 1090
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:138 Resp: 74359

Ion	Ratio	Lower	Upper
138	100		
108	76.8	52.1	78.1
65	126.7	115.0	172.6

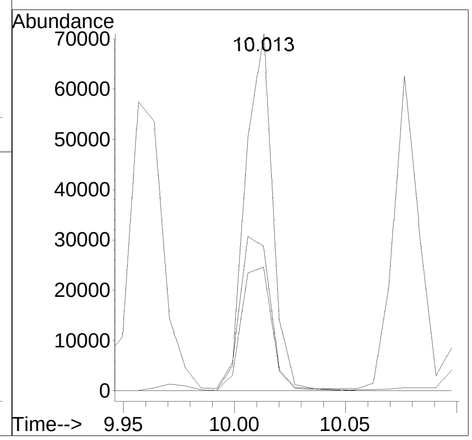


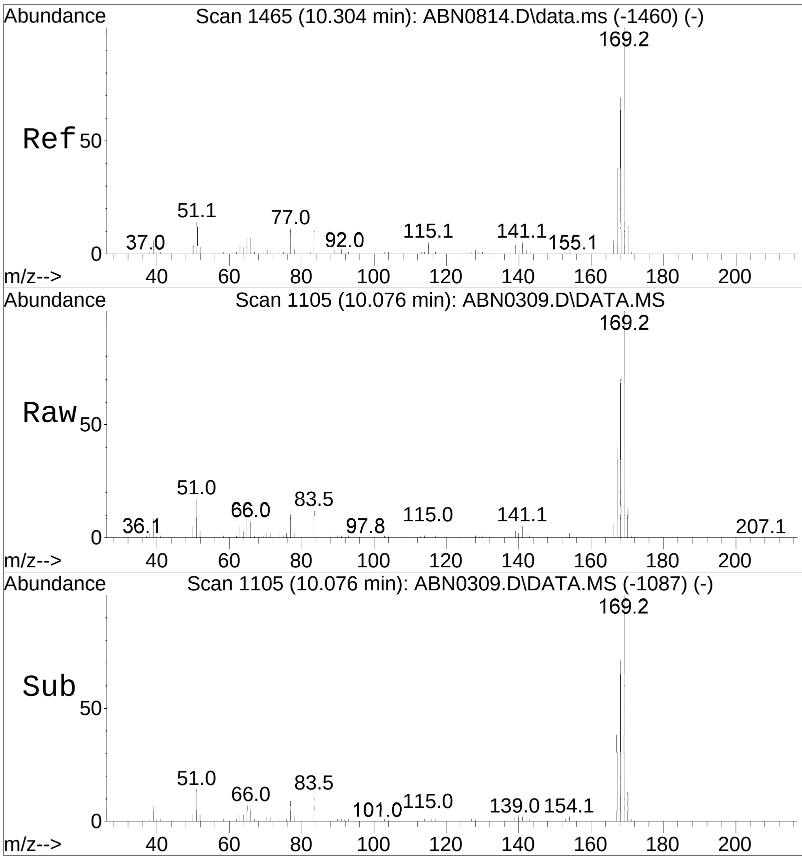


#76
4,6-Dinitro-o-cresol
Concen: 5.19 ug/ml
RT: 10.013 min Scan# 1096
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:198 Resp: 60379

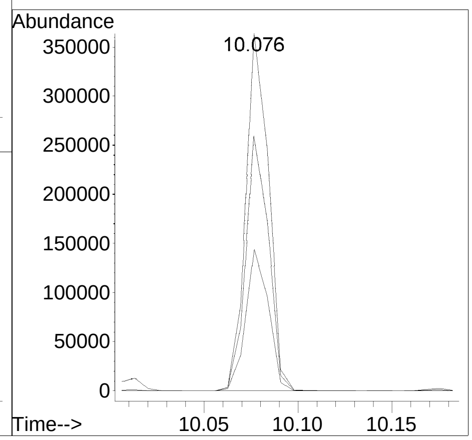
Ion	Ratio	Lower	Upper
198	100		
51	47.8	76.0	114.0#
105	39.0	45.6	68.4#

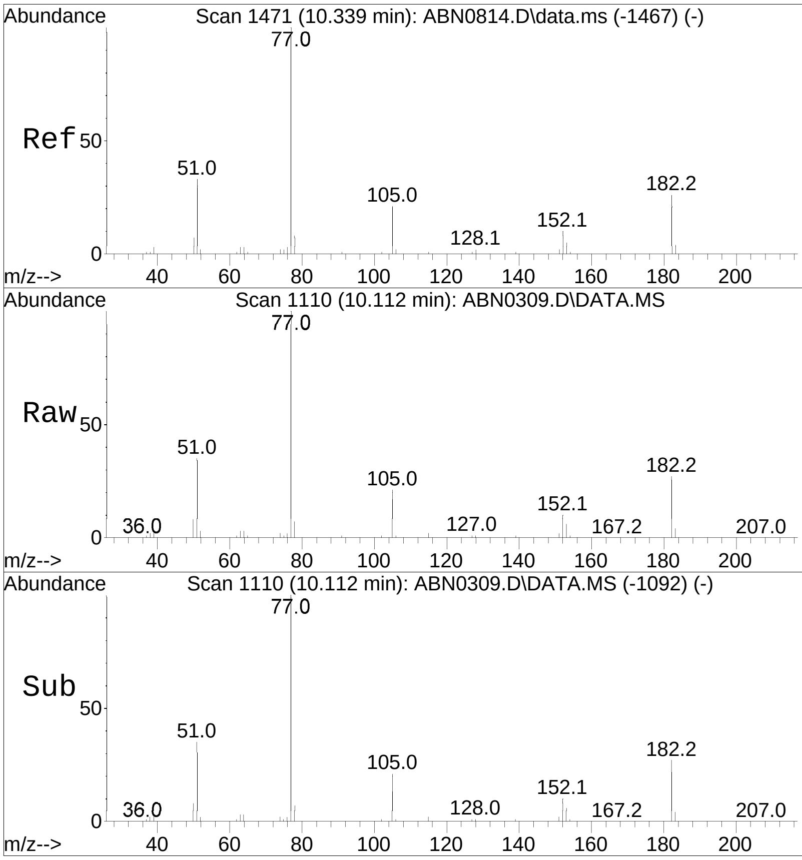





```
#77
NDPA/DPA
Concen:    4.85 ug/ml
RT:  10.076 min  Scan# 1105
Delta R.T.  0.000 min
Lab File:   ABN0309.D
Acq:  9 Mar 2025  11:22 am

Tgt Ion:169 Resp:  305792
Ion  Ratio  Lower  Upper
169  100
168   71.5   54.0   81.0
167   39.8   28.6   42.8
```

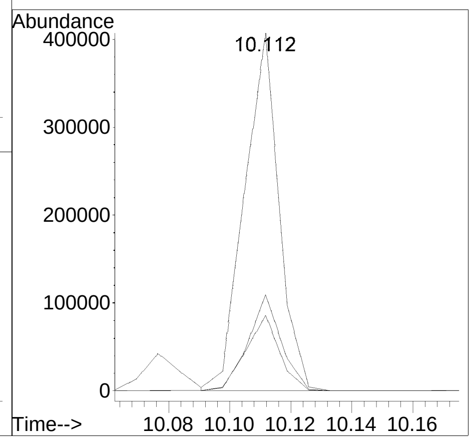


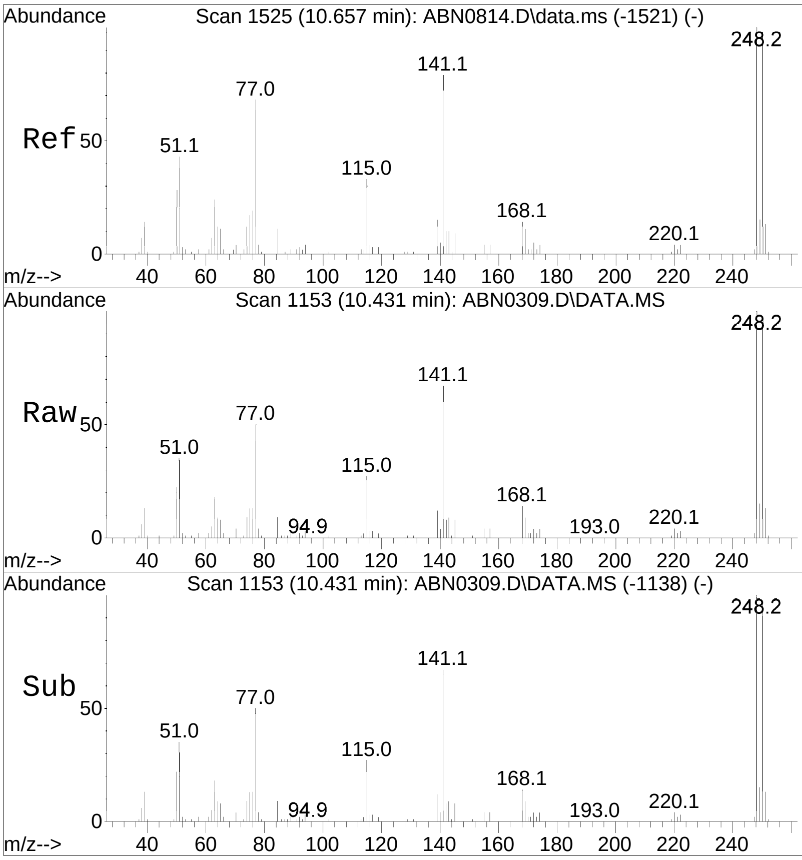


#78
Azobenzene
Concen: 5.35 ug/ml
RT: 10.112 min Scan# 1110
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion: 77 Resp: 318240

Ion	Ratio	Lower	Upper
77	100		
182	26.1	17.4	26.2
105	21.0	15.4	23.2

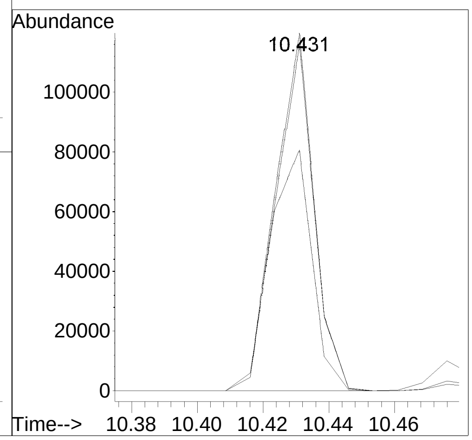


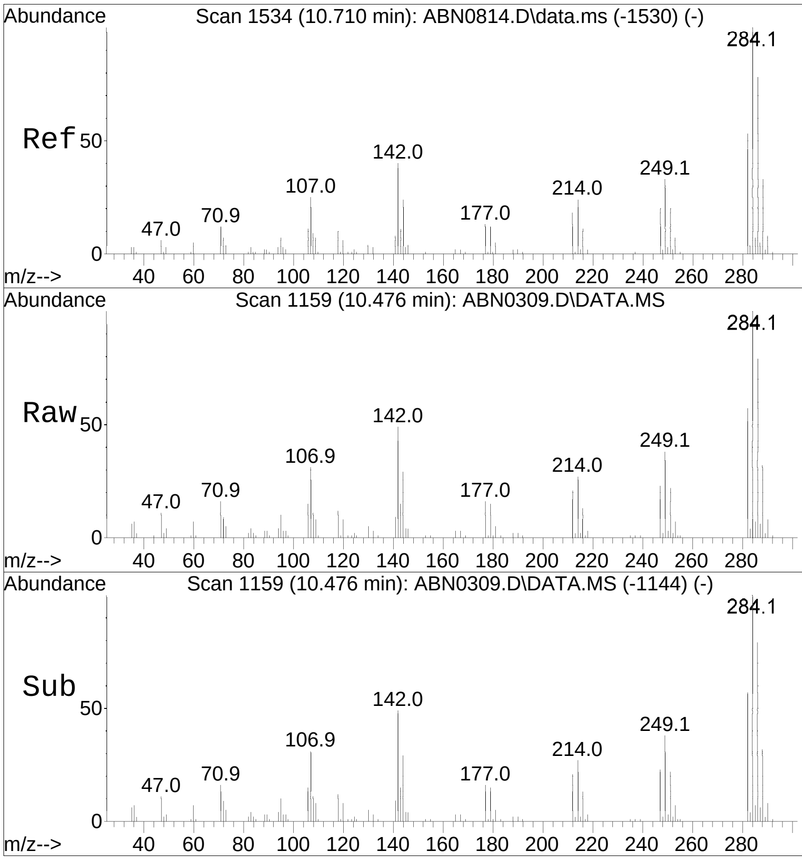


#80
4-Bromophenyl phenyl ether
Concen: 4.20 ug/ml
RT: 10.431 min Scan# 1153
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:248 Resp: 96937

Ion	Ratio	Lower	Upper
248	100		
141	73.6	76.6	114.8#
250	96.3	77.3	115.9

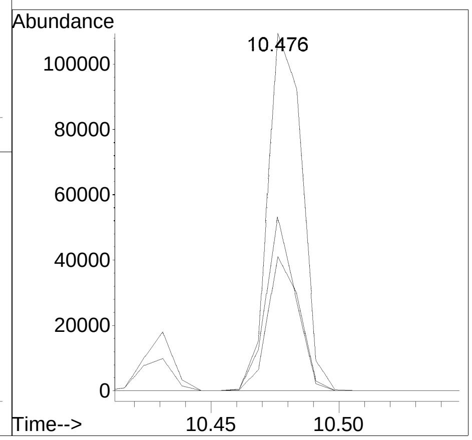


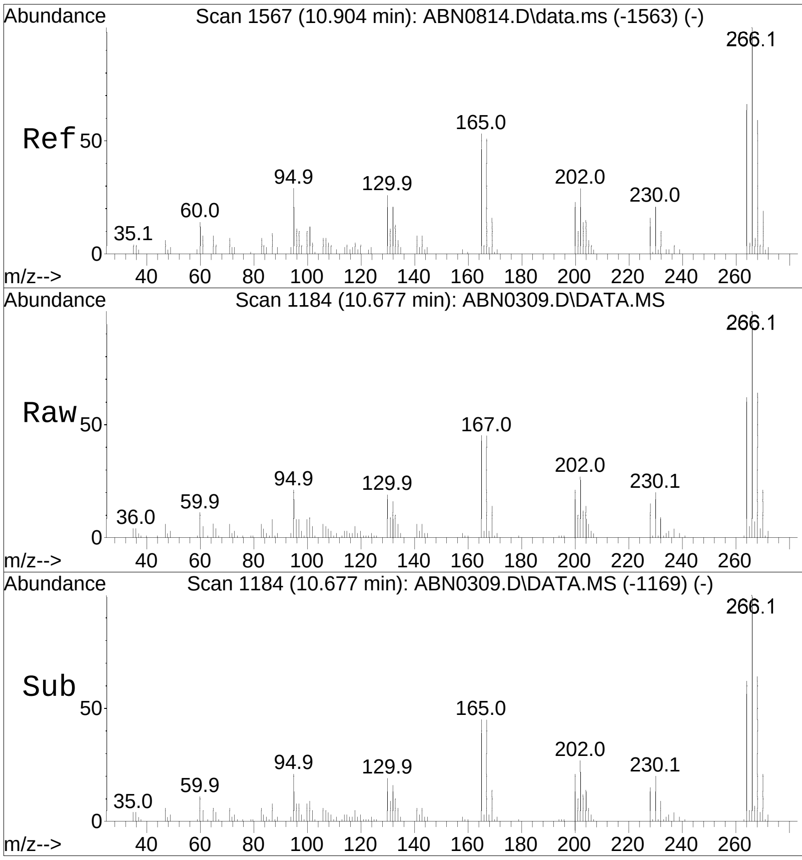


#81
Hexachlorobenzene
Concen: 3.78 ug/ml
RT: 10.476 min Scan# 1159
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:284 Resp: 101850

Ion	Ratio	Lower	Upper
284	100		
142	42.3	41.9	62.9
249	35.4	24.1	36.1

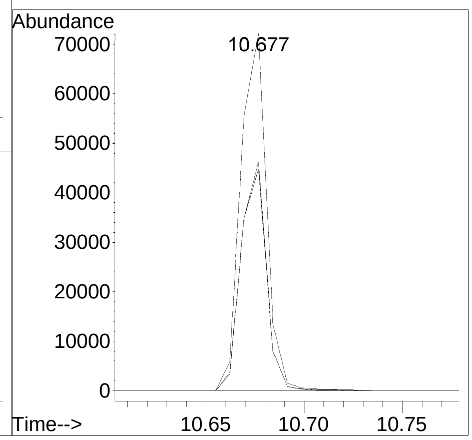


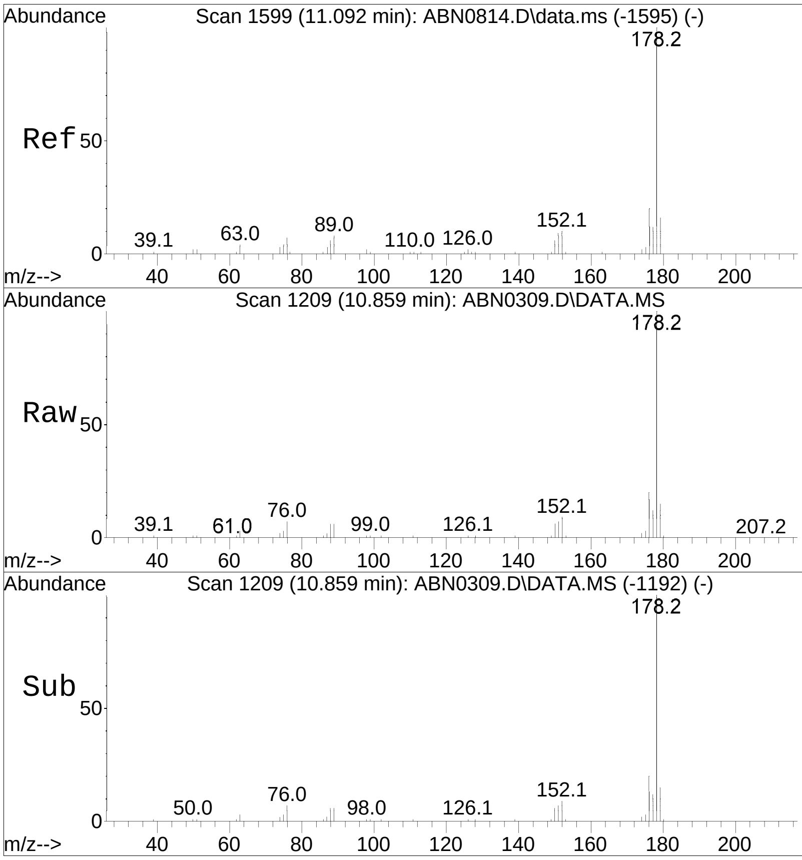


#82
Pentachlorophenol
Concen: 4.48 ug/ml
RT: 10.677 min Scan# 1184
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:266 Resp: 65893

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.7	74.5
268	63.0	50.5	75.7

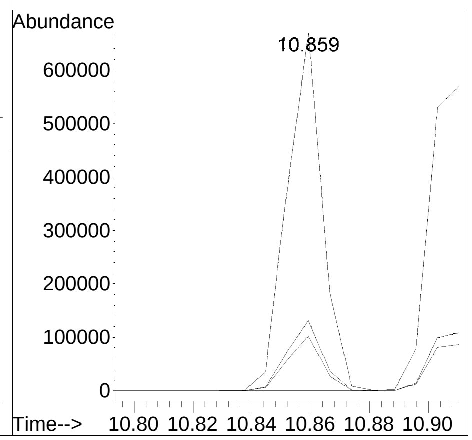


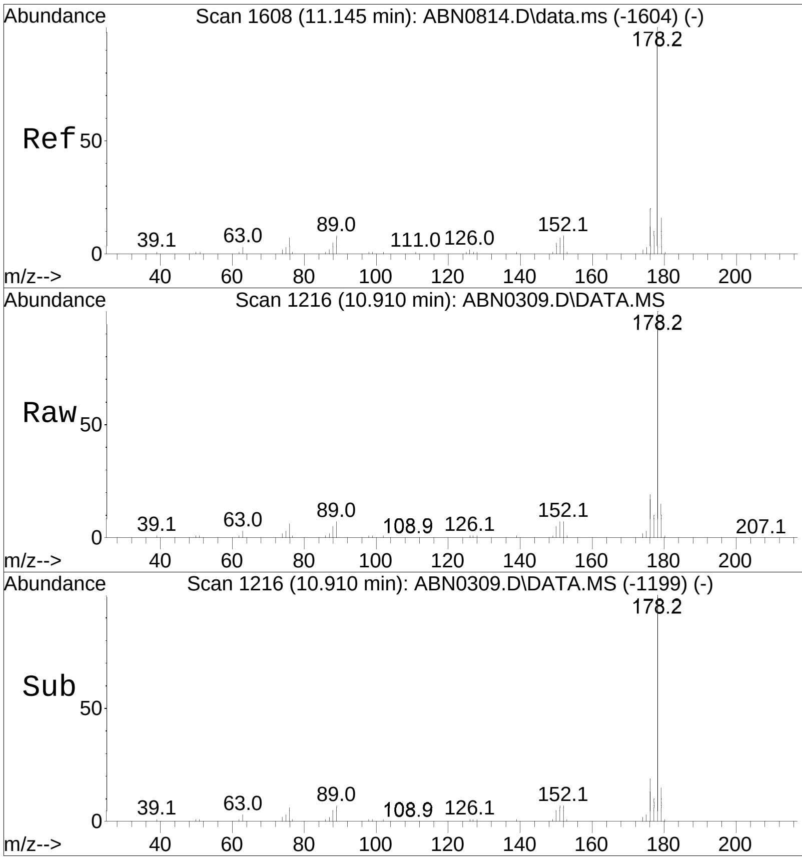


#89
Phenanthrene
Concen: 4.78 ug/ml
RT: 10.859 min Scan# 1209
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:178 Resp: 555847

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.5	15.4	23.2

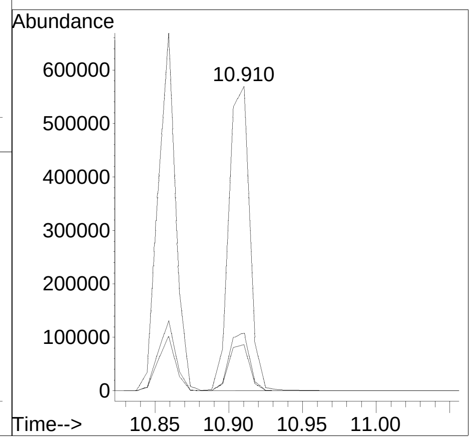


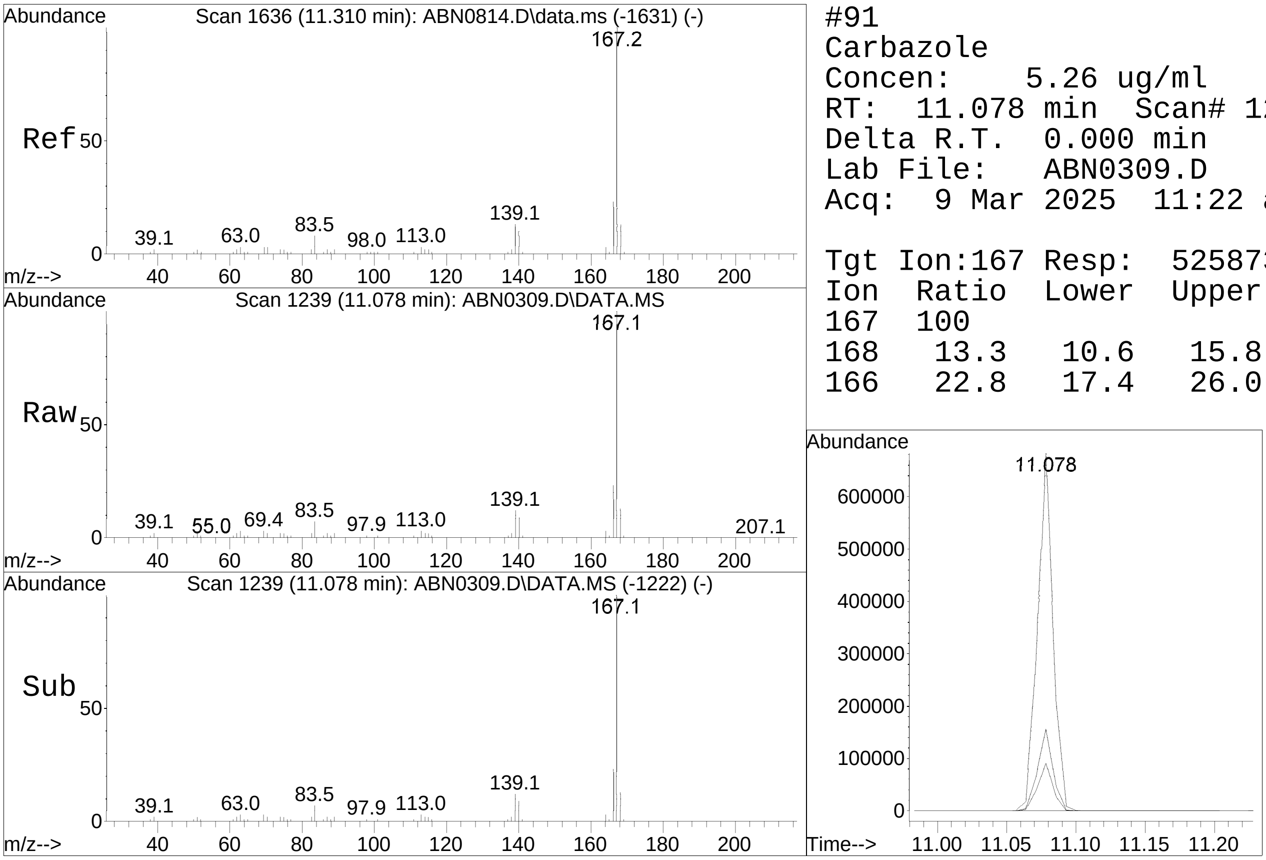


#90
Anthracene
Concen: 5.06 ug/ml
RT: 10.910 min Scan# 1216
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:178 Resp: 562203

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	18.9	14.6	22.0

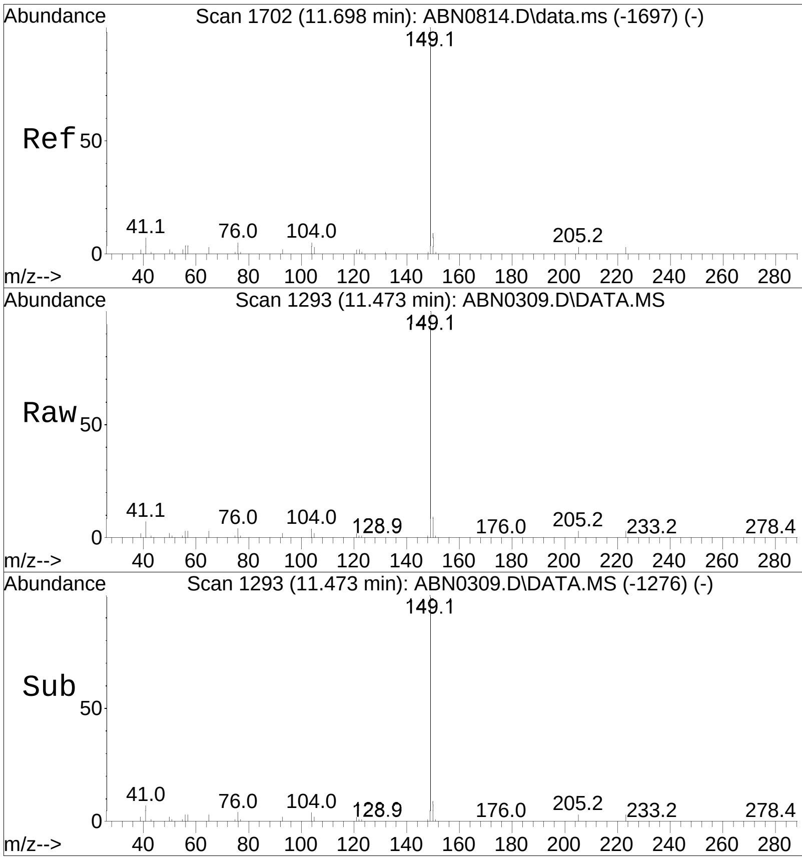




#91
Carbazole
Concen: 5.26 ug/ml
RT: 11.078 min Scan# 1239
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:167 Resp: 525873

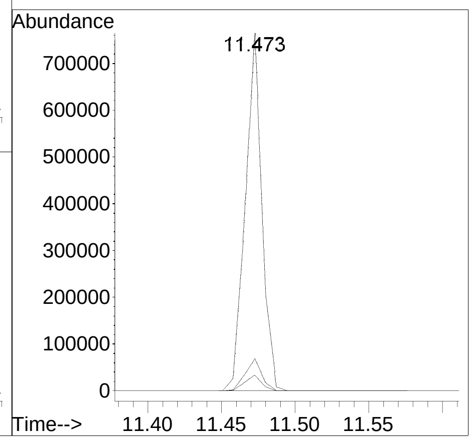
Ion	Ratio	Lower	Upper
167	100		
168	13.3	10.6	15.8
166	22.8	17.4	26.0

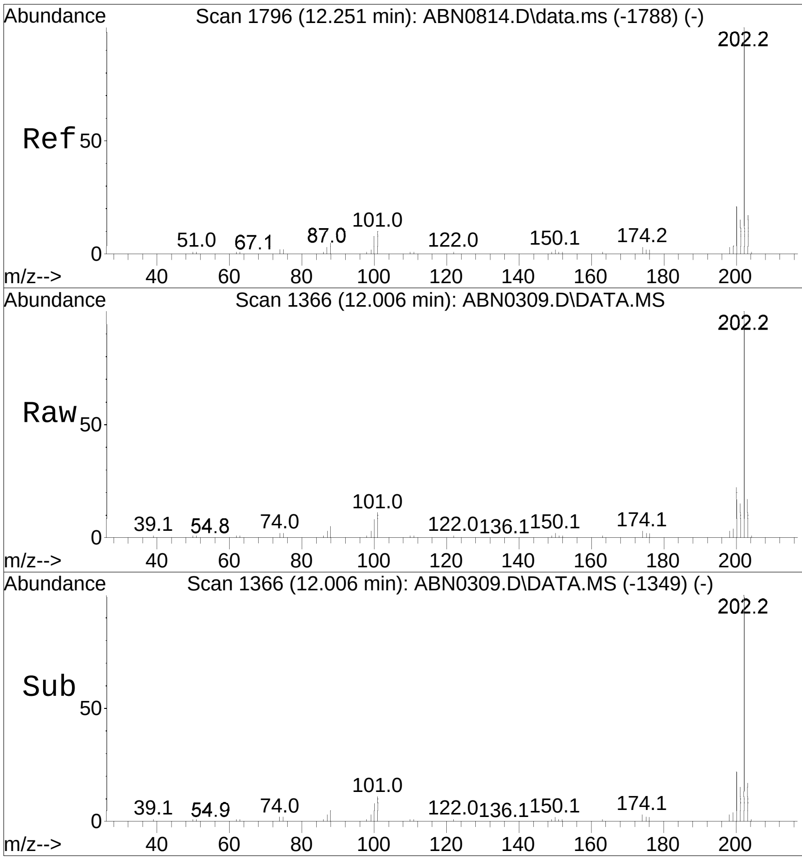


#92
Di-n-butylphthalate
Concen: 5.77 ug/ml
RT: 11.473 min Scan# 1293
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:149 Resp: 591923

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.0	10.6
104	4.6	4.5	6.7

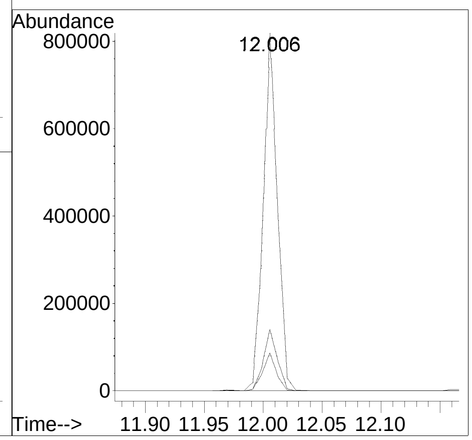


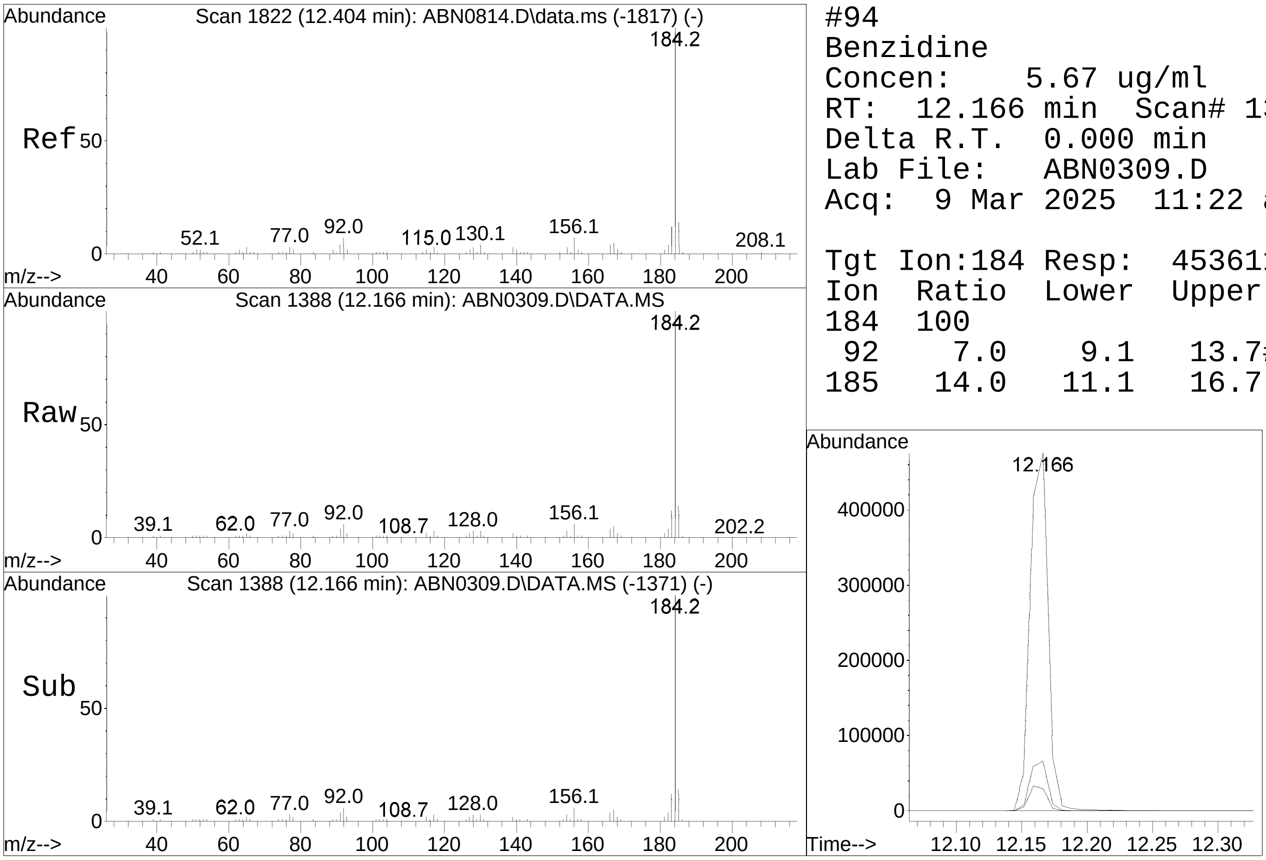


#93
Fluoranthene
Concen: 5.29 ug/ml
RT: 12.006 min Scan# 1366
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:202 Resp: 673448

Ion	Ratio	Lower	Upper
202	100		
101	10.4	13.5	20.3#
203	17.1	13.6	20.4

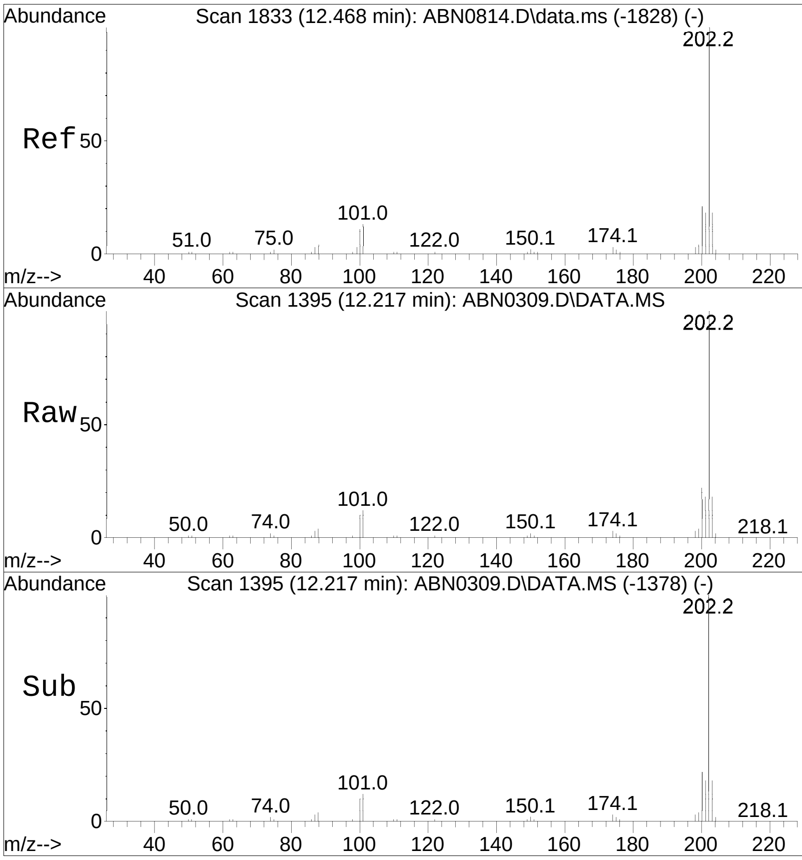




#94
Benzidine
Concen: 5.67 ug/ml
RT: 12.166 min Scan# 1388
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:184 Resp: 453611

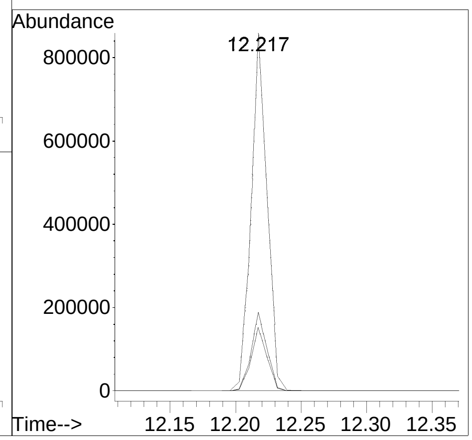
Ion	Ratio	Lower	Upper
184	100		
92	7.0	9.1	13.7#
185	14.0	11.1	16.7

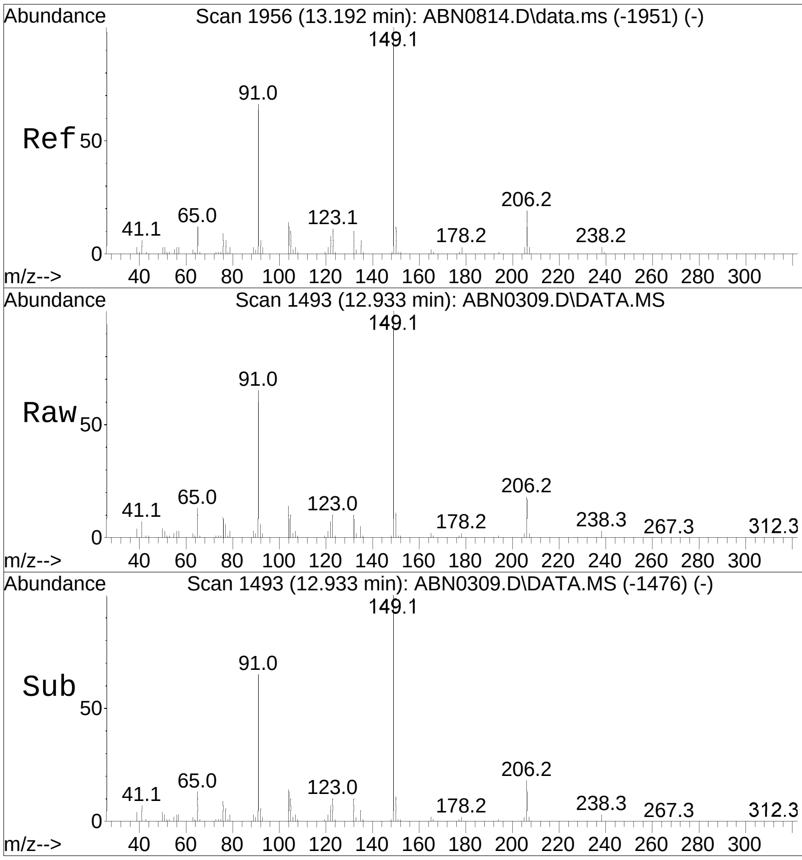


#95
Pyrene
Concen: 5.38 ug/ml
RT: 12.217 min Scan# 1395
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:202 Resp: 718672

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	17.9	14.2	21.4

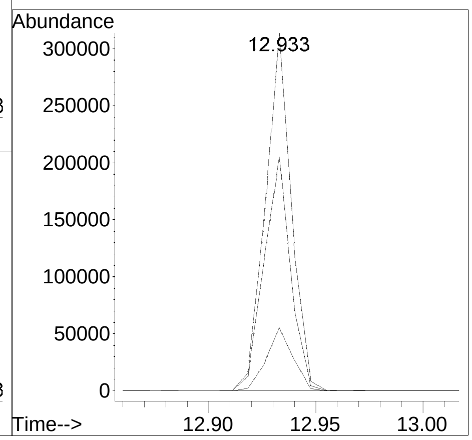


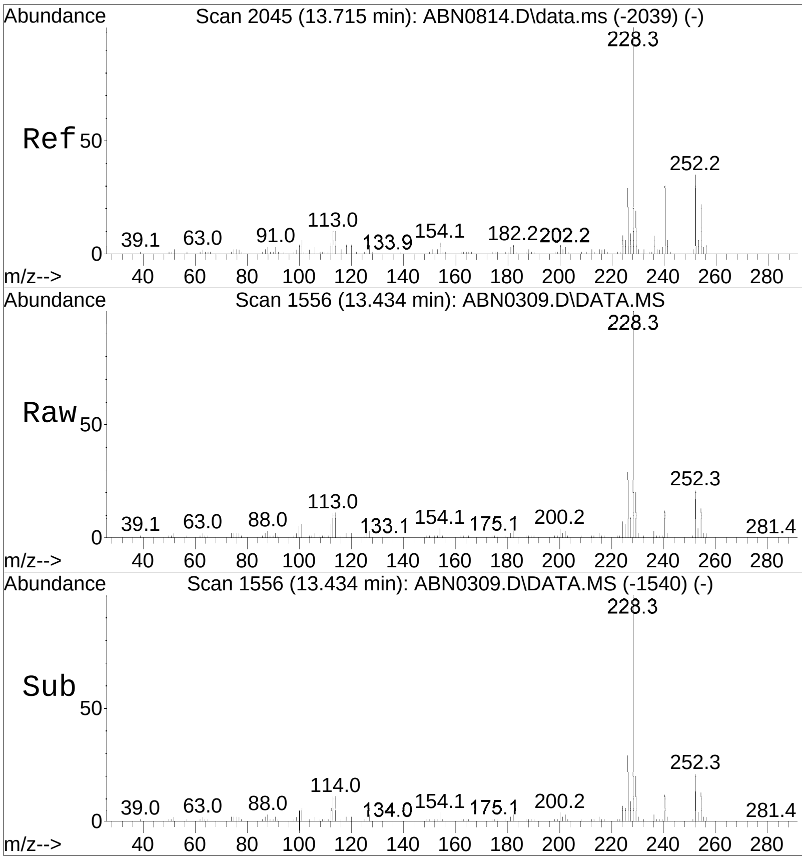


#97
Butyl benzyl phthalate
Concen: 5.17 ug/ml
RT: 12.933 min Scan# 1493
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:149 Resp: 262761

Ion	Ratio	Lower	Upper
149	100		
91	67.2	63.3	94.9
206	18.0	13.9	20.9

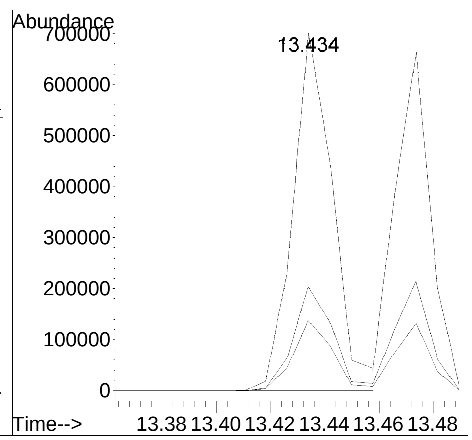


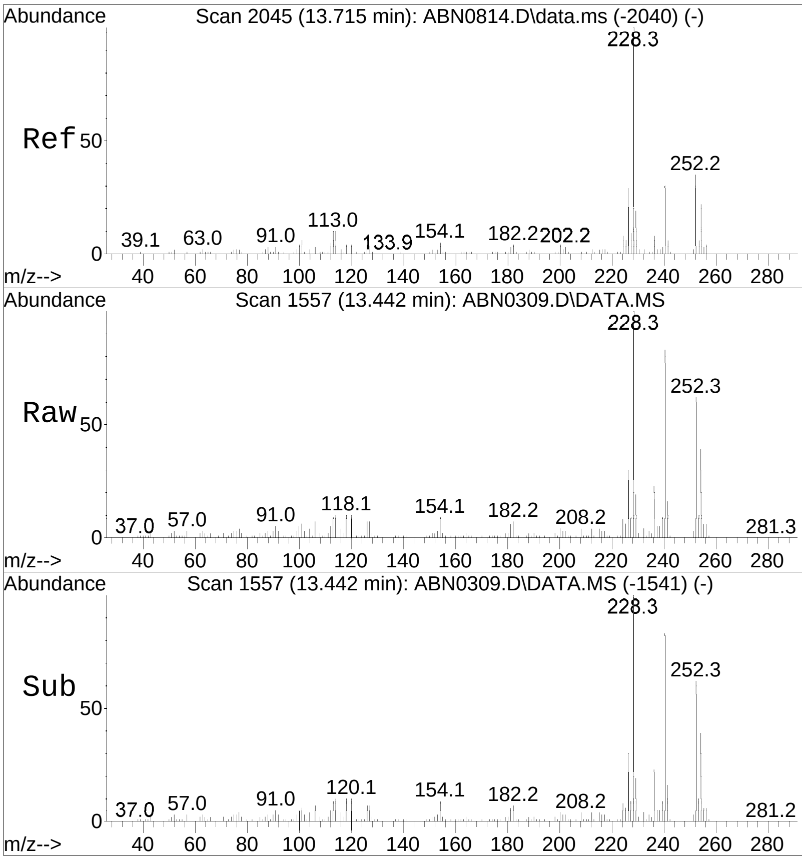


#105
Benzo(a)anthracene
Concen: 5.48 ug/ml
RT: 13.434 min Scan# 1556
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:228 Resp: 712726

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.4
229	19.6	15.6	23.4

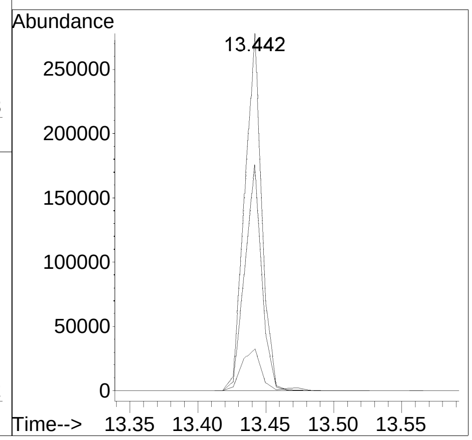


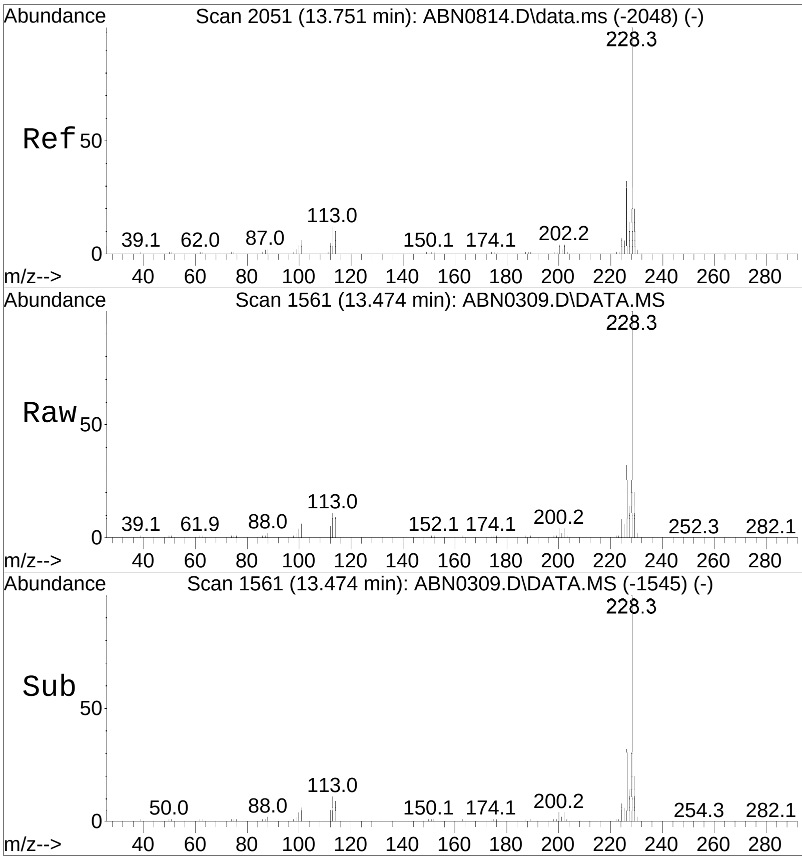


#106
3,3'-Dichlorobenzidine
Concen: 5.76 ug/ml
RT: 13.442 min Scan# 1557
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:252 Resp: 241641

Ion	Ratio	Lower	Upper
252	100		
126	14.3	14.5	21.7#
254	62.9	51.2	76.8

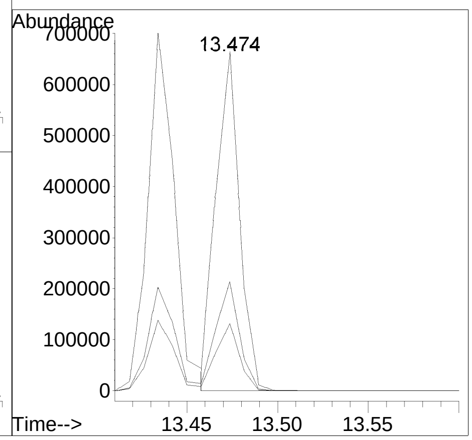


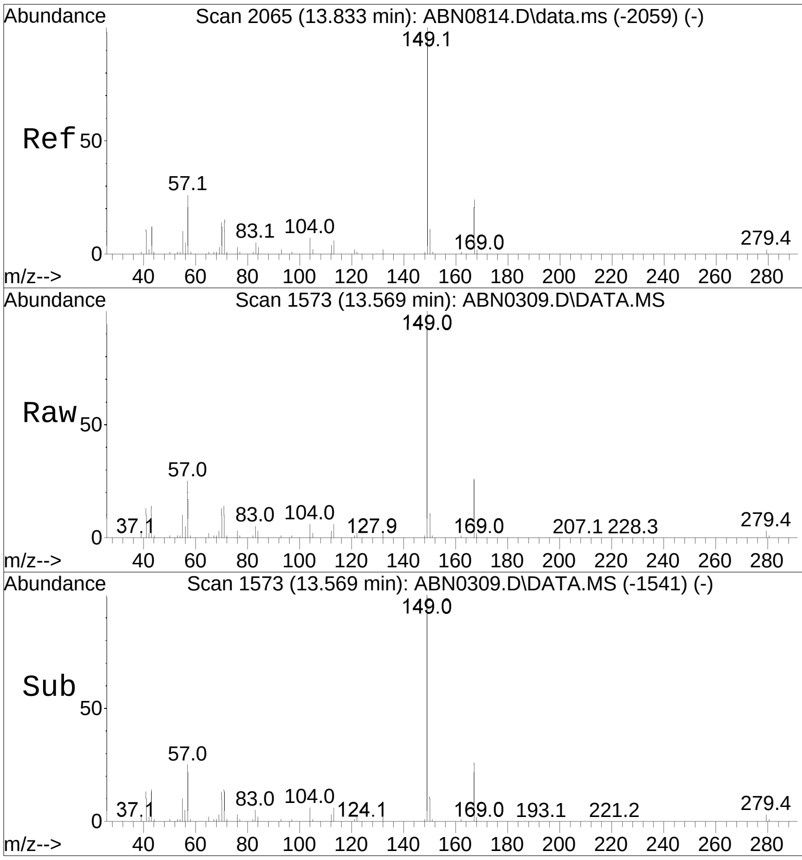


#107
Chrysene
Concen: 4.68 ug/ml
RT: 13.474 min Scan# 1561
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:228 Resp: 600093

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.0	36.0
229	19.6	15.8	23.8

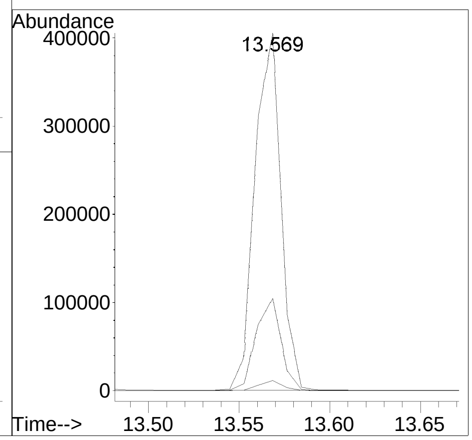


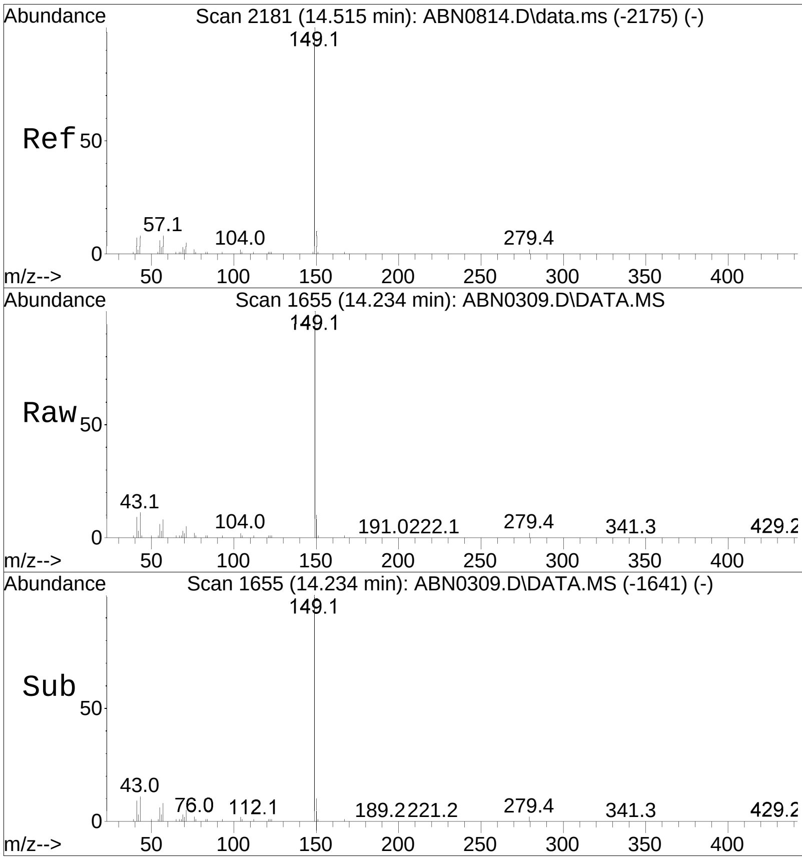


#108
Bis(2-ethylhexyl)phthalate
Concen: 5.39 ug/ml
RT: 13.569 min Scan# 1573
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:149 Resp: 401225

Ion	Ratio	Lower	Upper
149	100		
167	25.1	22.1	33.1
279	2.5	3.0	4.4#

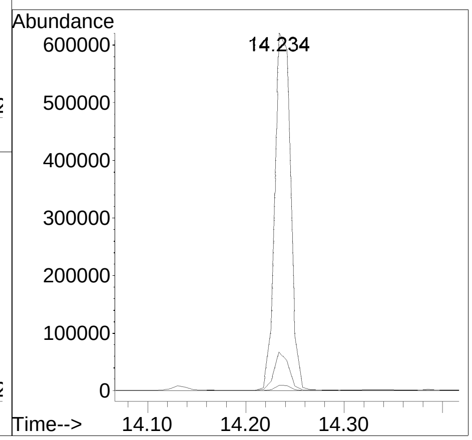


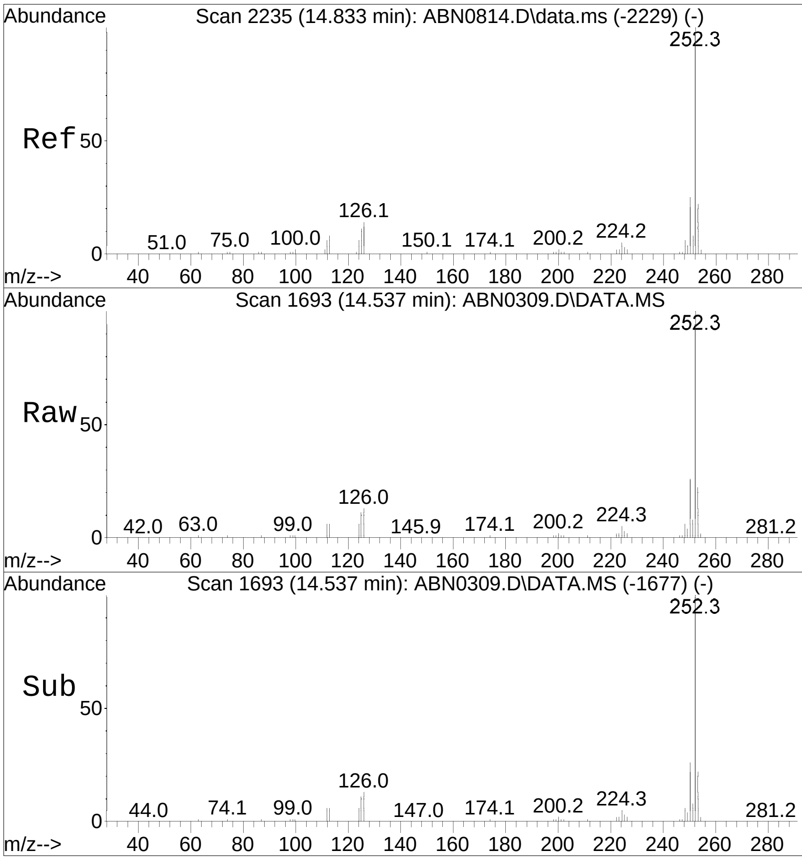


#109
Di-n-octylphthalate
Concen: 6.07 ug/ml
RT: 14.234 min Scan# 1655
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:149 Resp: 754599

Ion	Ratio	Lower	Upper
149	100		
43	9.2	18.8	28.2#
167	1.3	1.3	1.9

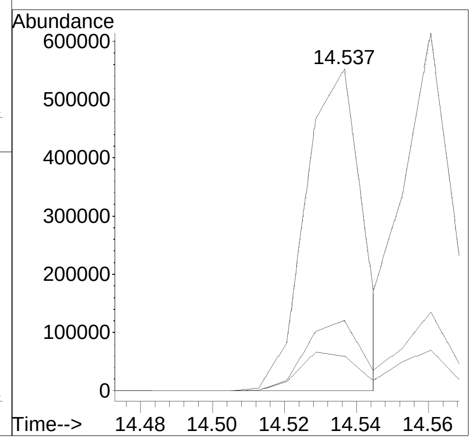


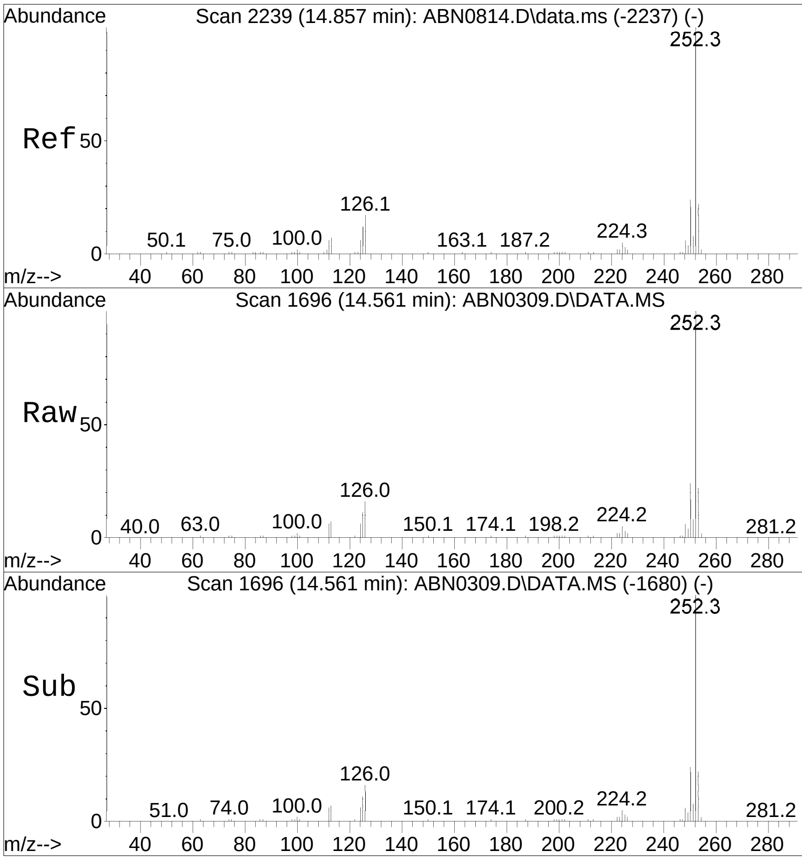


#110
Benzo(b)fluoranthene
Concen: 4.85 ug/ml
RT: 14.537 min Scan# 1693
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:252 Resp: 611751

Ion	Ratio	Lower	Upper
252	100		
125	12.6	13.3	19.9#
253	21.6	17.1	25.7

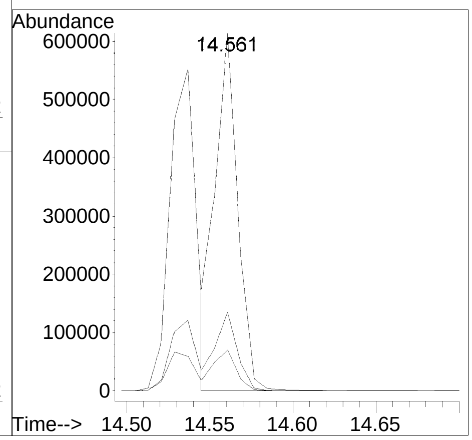


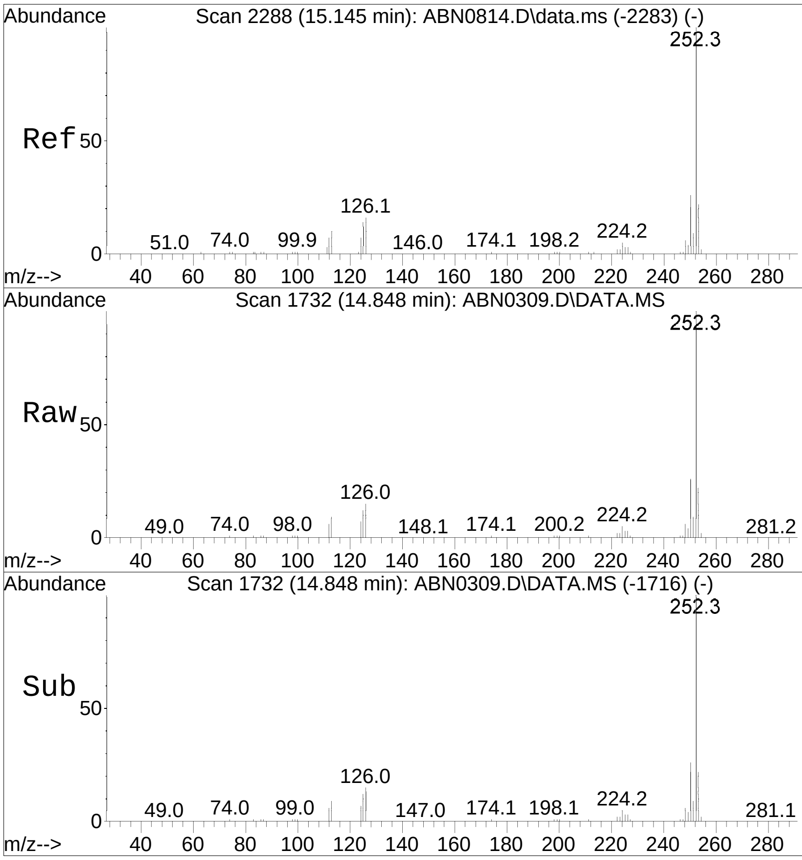


#111
Benzo(k)fluoranthene
Concen: 5.29 ug/ml
RT: 14.561 min Scan# 1696
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:252 Resp: 577784

Ion	Ratio	Lower	Upper
252	100		
125	11.8	13.0	19.6#
253	21.6	16.8	25.2

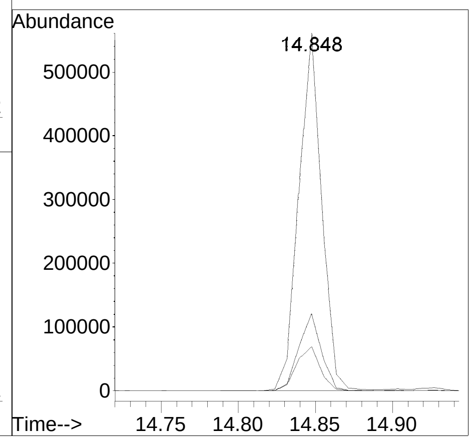


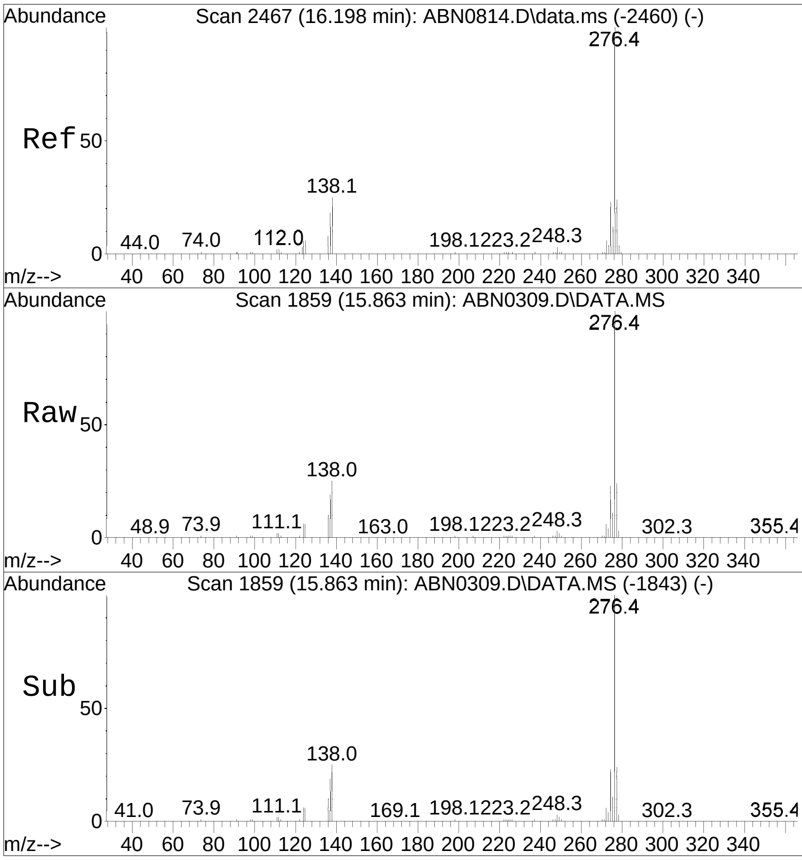


#112
Benzo(a)pyrene
Concen: 5.48 ug/ml
RT: 14.848 min Scan# 1732
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:252 Resp: 576130

Ion	Ratio	Lower	Upper
252	100		
125	13.1	14.2	21.2#
253	21.5	16.9	25.3

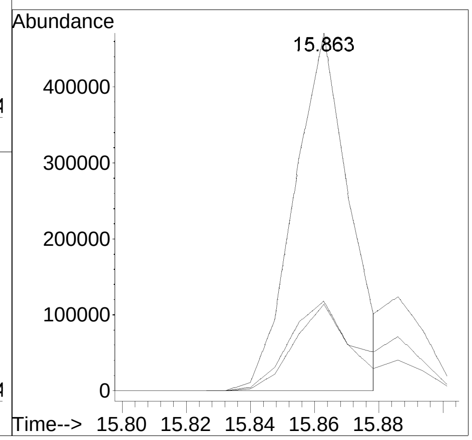


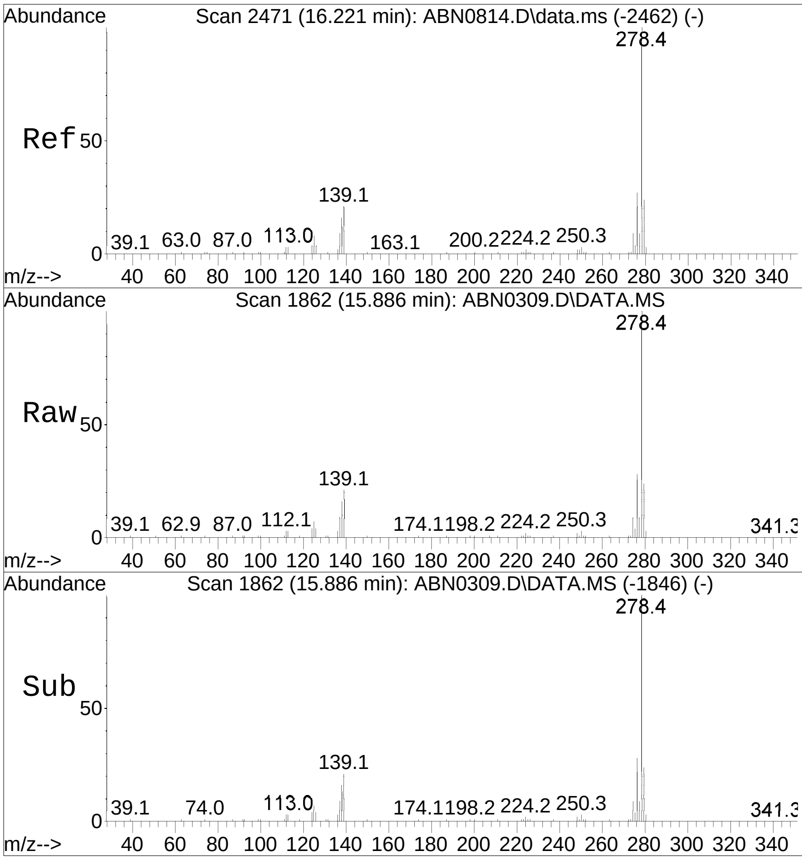


#114
Indeno(1,2,3-cd)pyrene
Concen: 5.54 ug/mL M6
RT: 15.863 min Scan# 1859
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:276 Resp: 567977

Ion	Ratio	Lower	Upper
276	100		
138	38.8	25.1	37.7#
277	30.6	18.6	28.0#

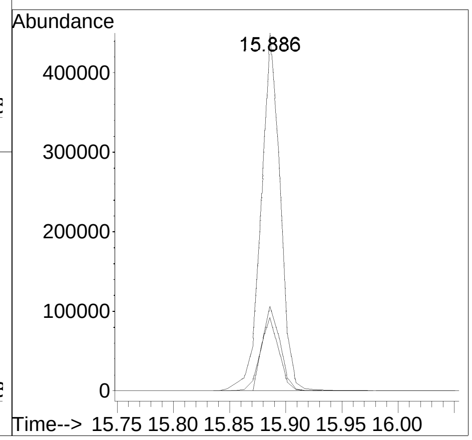


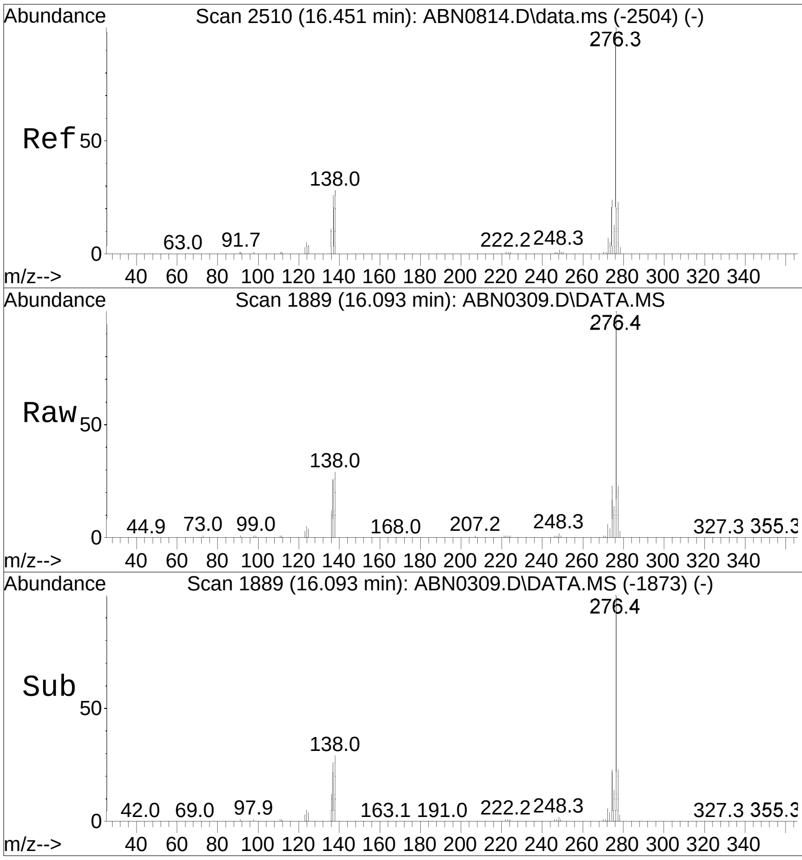


#115
Dibenzo(a,h)anthracene
Concen: 5.22 ug/ml
RT: 15.886 min Scan# 1862
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:278 Resp: 532571

Ion	Ratio	Lower	Upper
278	100		
139	18.8	20.8	31.2#
279	23.2	18.3	27.5

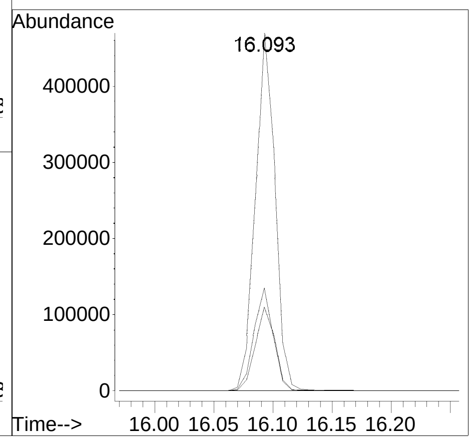




#116
Benzo(ghi)perylene
Concen: 5.24 ug/ml
RT: 16.093 min Scan# 1889
Delta R.T. 0.000 min
Lab File: ABN0309.D
Acq: 9 Mar 2025 11:22 am

Tgt Ion:276 Resp: 540182

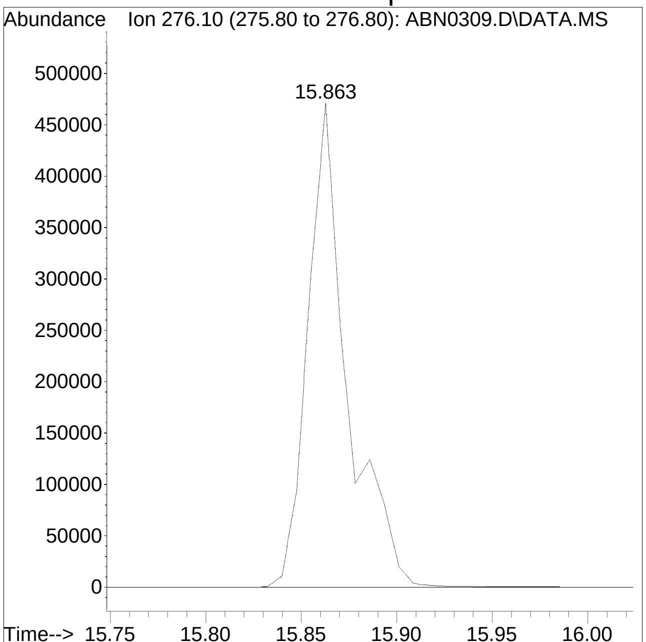
Ion	Ratio	Lower	Upper
276	100		
138	28.4	29.2	43.8#
277	23.8	18.8	28.2

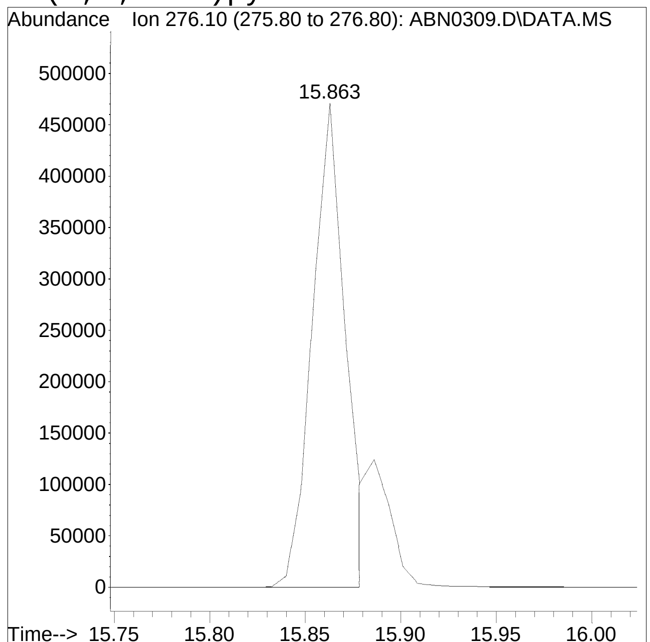


Manual Integration Report

```
Data Path    : I:\8270\SV107\250309RVTa\ QMethod      : FS250303SV107RVT.m
Data File    : ABN0309.D                 Operator     : SV107:slr
Date Inj'd   : 3/9/2025 11:22 am         Instrument   : SV107
Sample       : WG2038279-3,32,,ABN 11297 Quant Date   : 3/9/2025 12:34 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 675465   Manual Peak Response = 567977 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV107\250309RVTa\
Data File : AP90309.D
Acq On : 9 Mar 2025 11:47 am
Operator : SV107:slr
Sample : WG2038279-4,32,,AP9 11152 gmr0304A
Misc : WG2038279,,ical22052
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Mar 09 12:34:12 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	121	0.00
28	T	Benzaldehyde		0.859	0.764	11.1	111	0.00
29	T	Acetophenone		1.472	1.503	-2.1	125	0.00
30	T	m-Toluidine		1.500	1.310	12.7	112	0.00
31	T	2-Chloroaniline		1.381	1.385	-0.3	126	0.00
55	I	IS2_Naphthalene-d8		1.000	1.000	0.0	123	0.00
56	T	a-Terpineol		0.229	0.274	-19.7	151	0.00
57	T	3-Chloroaniline		0.135	0.130	3.7	115	0.00
58	T	2,6-Dichlorophenol		0.288	0.288	0.0	121	0.00
59	T	1-chloro-2-nitrobenzene		0.114	0.125	-9.6	134	0.00
60	T	Caprolactam	*	5.000	4.056	18.9	120	0.00
61	T	1,2,4,5-Tetrachlorobenzene		0.428	0.363	15.2	107	0.00
62	T	Biphenyl		0.969	0.814	16.0	107	0.00
83	I	IS2_Acenaphthene-d10		1.000	1.000	0.0	106	0.00
84	T	Dichloran	*	5.000	4.124	17.5	114	0.00
85	T	Pentachloronitrobenzene	*	5.000	4.223	15.5	101	0.00
98	I	IS2_Phenanthrene-d10		1.000	1.000	0.0	90	0.00
99	T	Diphenamid	*	5.000	4.306	13.9	95	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : AP90309.D
Acq On : 9 Mar 2025 11:47 am
Operator : SV107:slr
Sample : WG2038279-4,32,,AP9 11152 gmr0304A
Misc : WG2038279,,ical22052
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Mar 09 12:34:12 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	6.205	152	120276	4.000	ug/ml	0.00
55) IS2_Naphthalene-d8	7.646	136	418637	4.000	ug/ml	0.00
83) IS2_Acenaphthene-d10	9.412	164	236989	4.000	ug/ml	0.00
98) IS2_Phenanthrene-d10	10.837	188	436254	4.000	ug/ml	# 0.00
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.610	105	114834	4.447	ug/ml	95
29) Acetophenone	6.721	105	225920	5.106	ug/ml#	84
30) m-Toluidine	6.819	106	196973	4.368	ug/ml	95
31) 2-Chloroaniline	7.224	127	208198	5.013	ug/ml#	93
56) a-Terpineol	7.725	59	143445	5.992	ug/ml#	86
57) 3-Chloroaniline	7.739	65	67876	4.813	ug/ml	91
58) 2,6-Dichlorophenol	7.761	162	150816	5.011	ug/ml	97
59) 1-chloro-2-nitrobenzene	8.034	111	65395	5.498	ug/ml#	1
60) Caprolactam	8.078	55	64154	4.056	ug/ml#	73
61) 1,2,4,5-Tetrachloroben...	8.561	216	190057	4.243	ug/ml	98
62) Biphenyl	8.867	154	426077	4.199	ug/ml	98
84) Dichloran	10.543	206	39640	4.124	ug/ml#	65
85) Pentachloronitrobenzene	10.691	237	42024	4.223	ug/ml#	82
99) Diphenamid	11.743	167	230828	4.306	ug/ml#	78

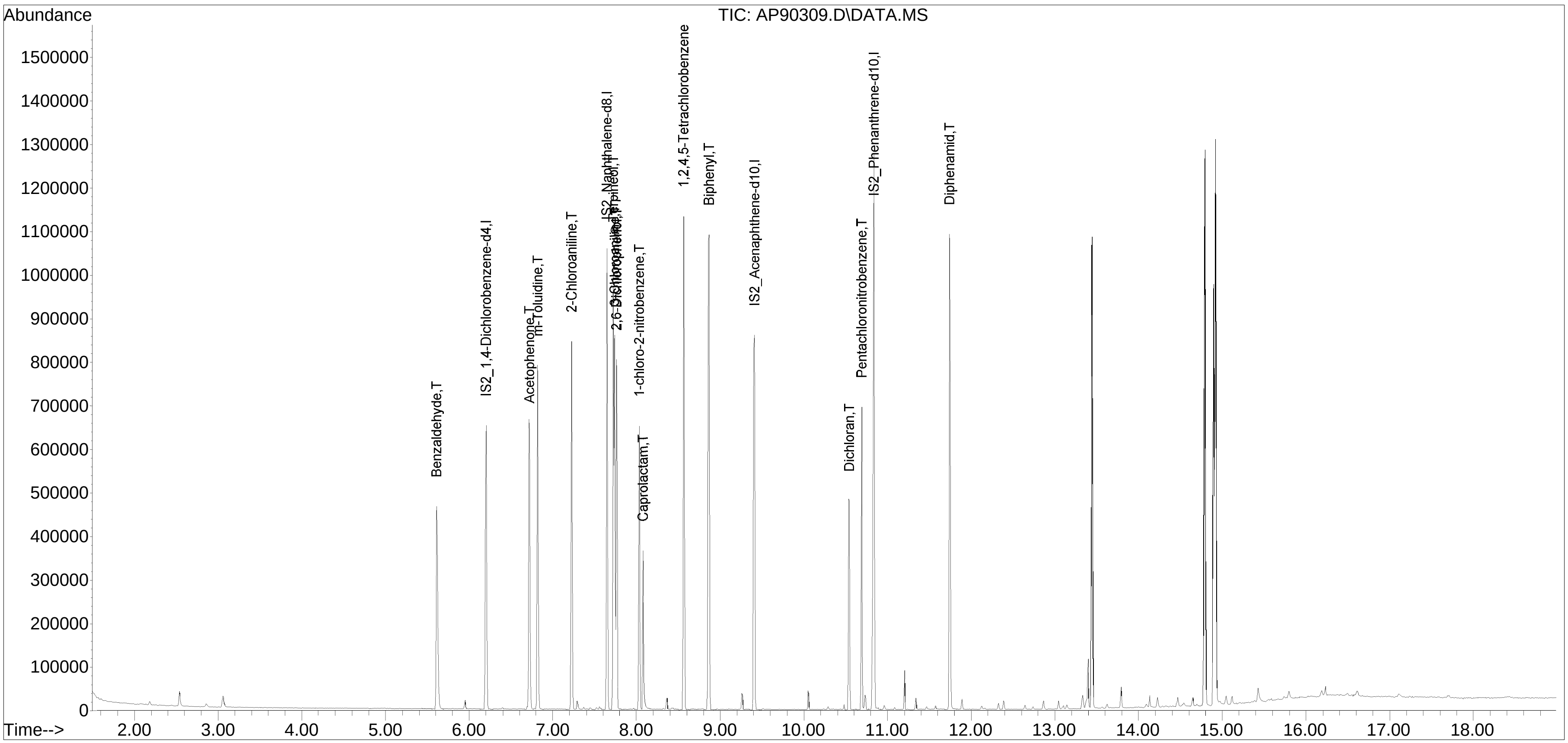
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

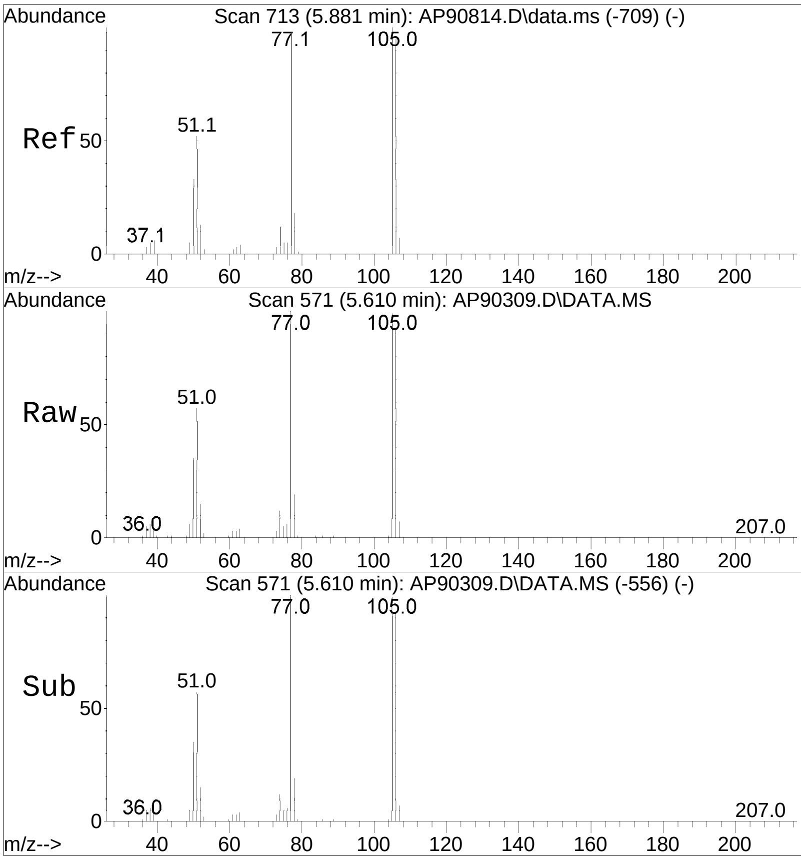
Data Path : I:\8270\SV107\250309RVTa\
Data File : AP90309.D
Acq On   : 9 Mar 2025 11:47 am
Operator : SV107:slr
Sample   : WG2038279-4,32,,AP9 11152 gmr0304A
Misc   : WG2038279,,ical22052
ALS Vial : 143   Sample Multiplier: 1

Quant Time: Mar 09 12:34:12 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublist



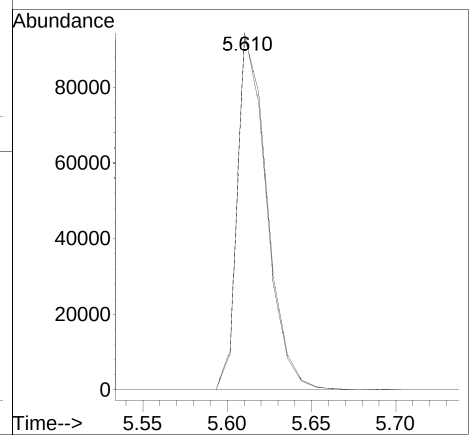
FS250303SV107RVT.m Mon Mar 10 11:43:38 2025   Page: 2

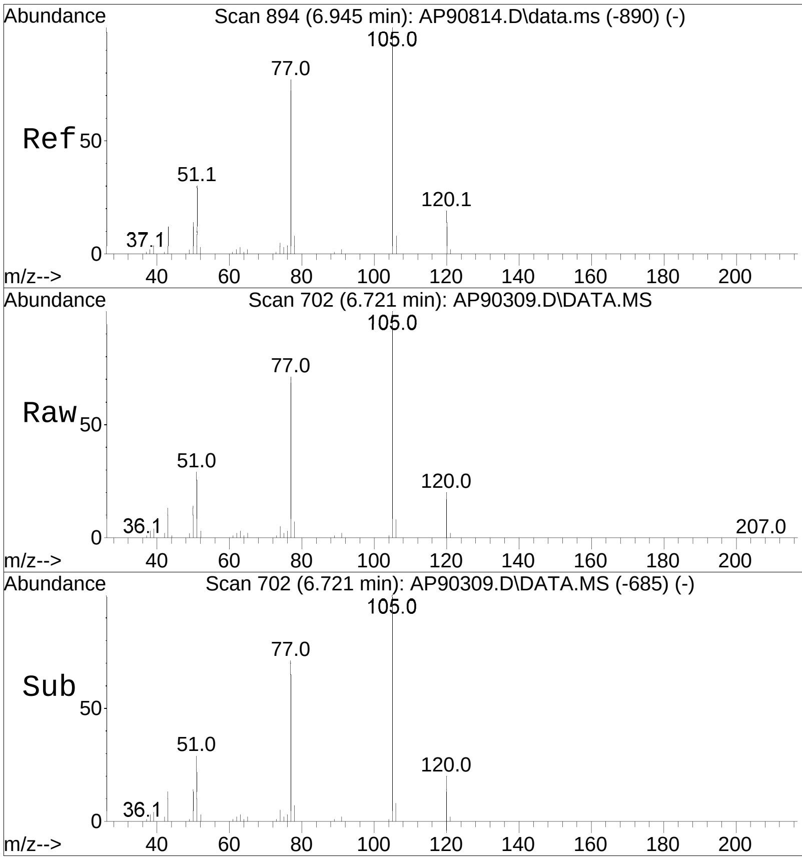


#28
Benzaldehyde
Concen: 4.45 ug/ml
RT: 5.610 min Scan# 571
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:105 Resp: 114834

Ion	Ratio	Lower	Upper
105	100		
77	98.2	82.2	123.4

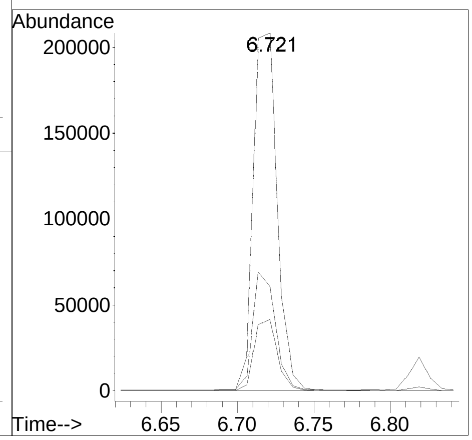


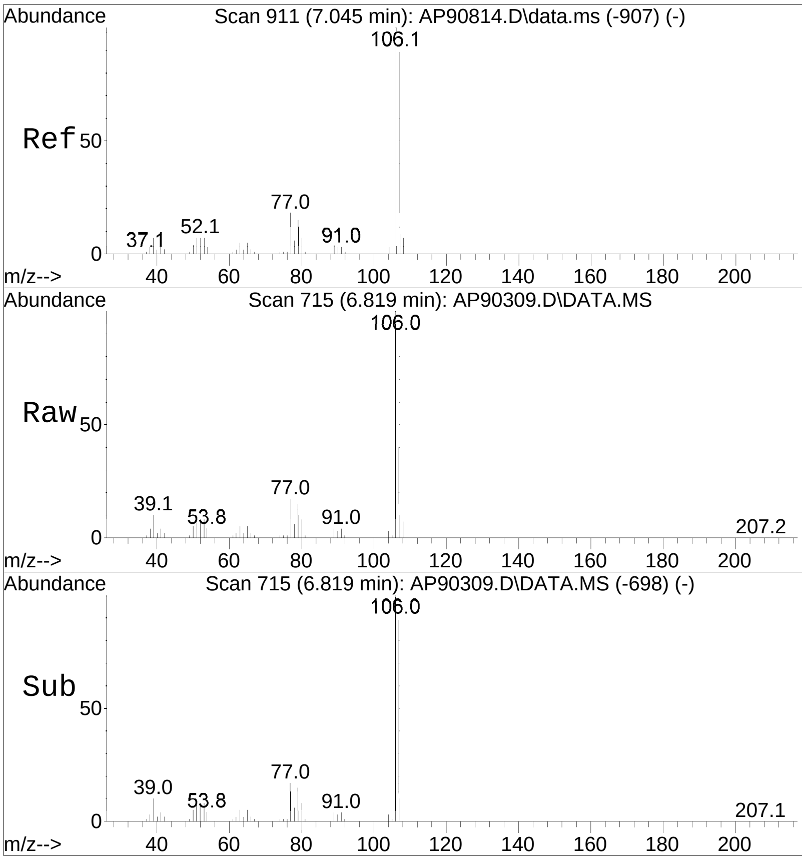


#29
Acetophenone
Concen: 5.11 ug/ml
RT: 6.721 min Scan# 702
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:105 Resp: 225920

Ion	Ratio	Lower	Upper
105	100		
120	19.4	20.5	30.7#
51	31.4	34.9	52.3#

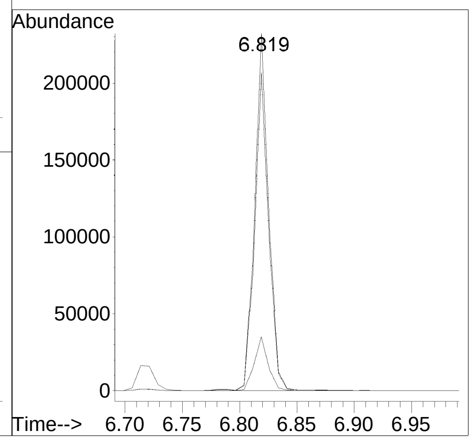


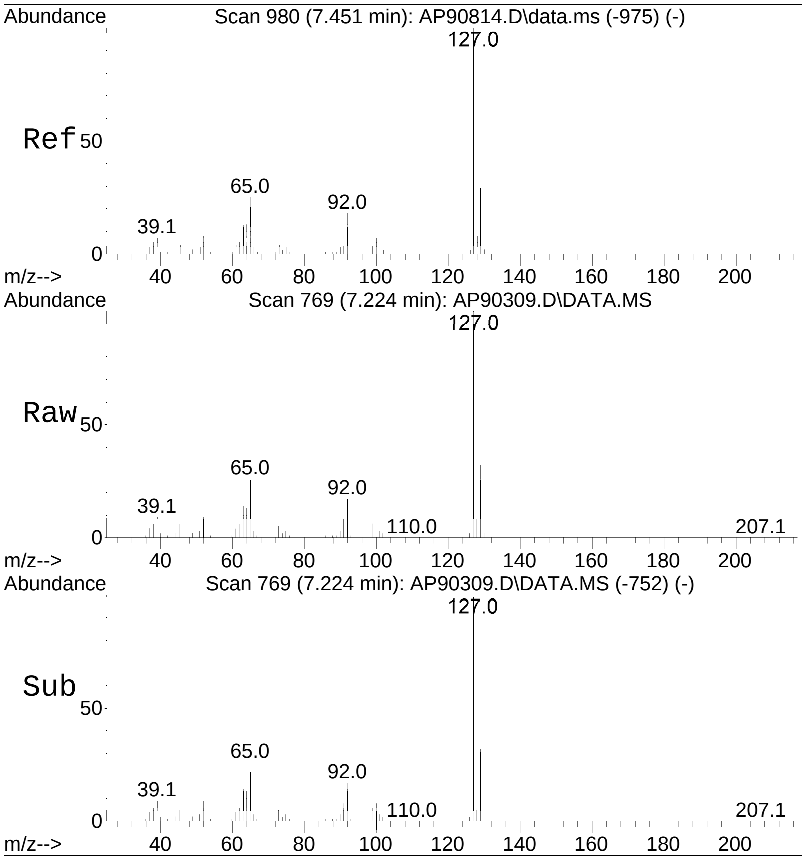


#30
m-Toluidine
Concen: 4.37 ug/ml
RT: 6.819 min Scan# 715
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:106 Resp: 196973

Ion	Ratio	Lower	Upper
106	100		
107	88.7	75.7	113.5
79	14.9	11.8	17.8

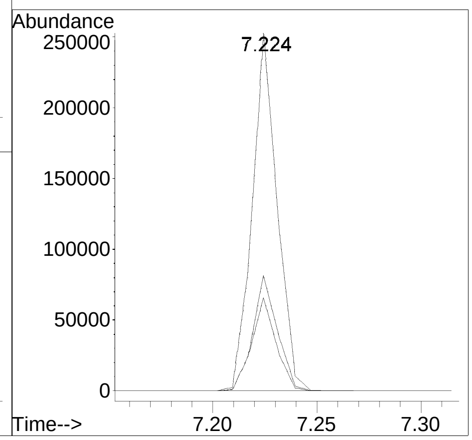


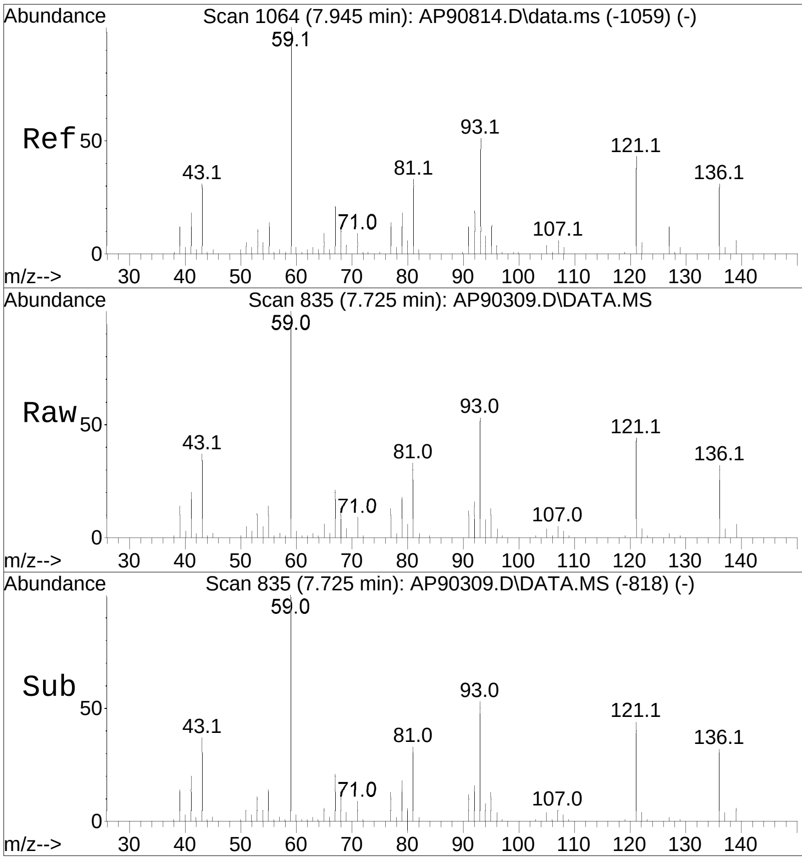


#31
2-Chloroaniline
Concen: 5.01 ug/ml
RT: 7.224 min Scan# 769
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:127 Resp: 208198

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	25.6	26.3	39.5#

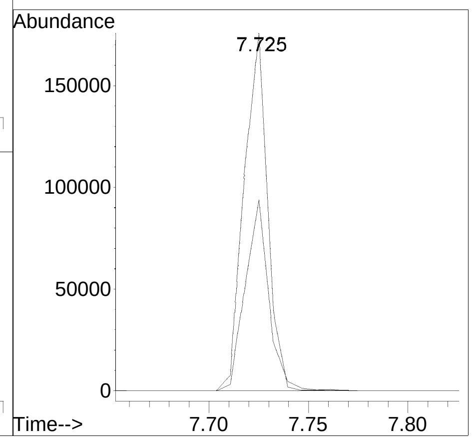


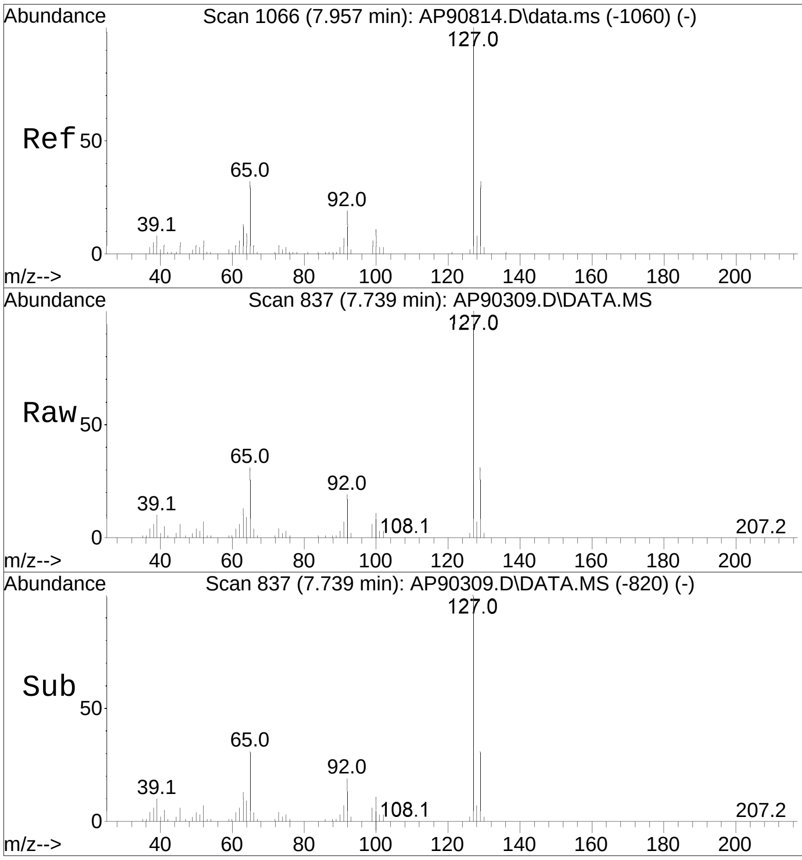


#56
a-Terpineol
Concen: 5.99 ug/ml
RT: 7.725 min Scan# 835
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion: 59 Resp: 143445

Ion	Ratio	Lower	Upper
59	100		
93	53.9	35.6	53.4#

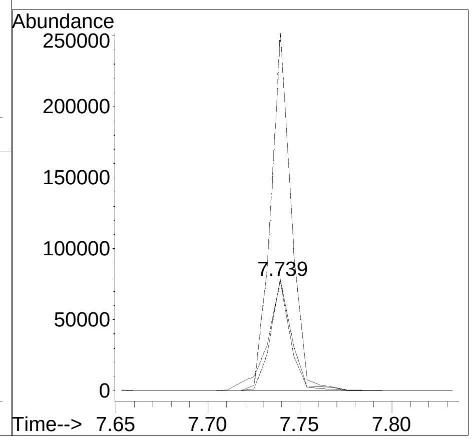


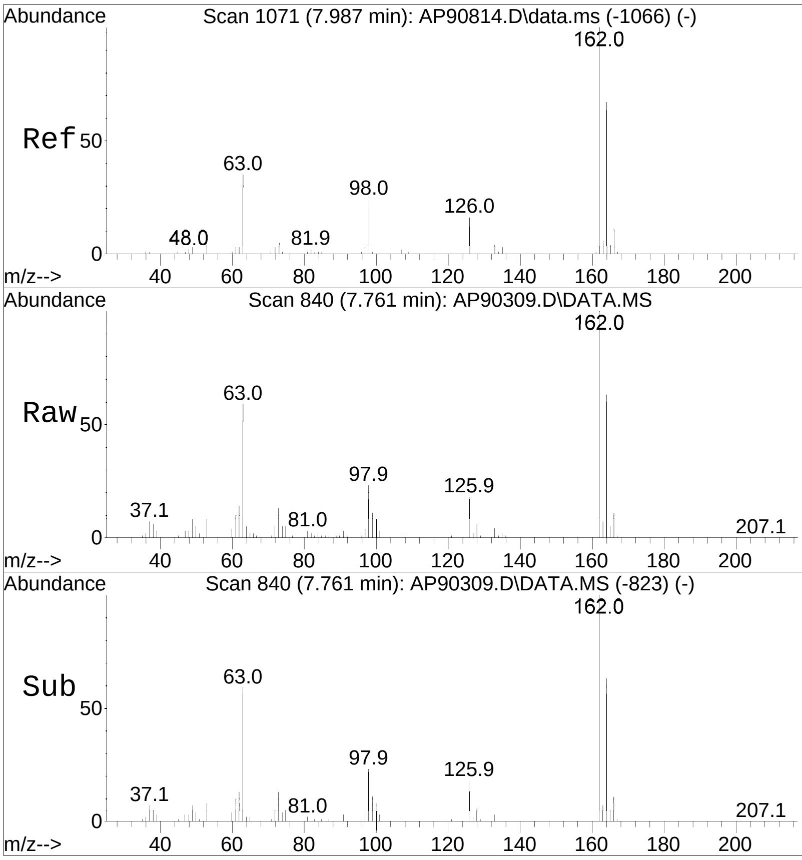


#57
3-Chloroaniline
Concen: 4.81 ug/ml
RT: 7.739 min Scan# 837
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion: 65 Resp: 67876

Ion	Ratio	Lower	Upper
65	100		
127	286.5	243.2	364.8
129	90.4	78.8	118.2

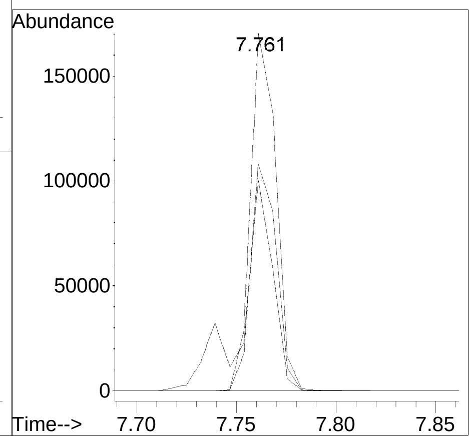


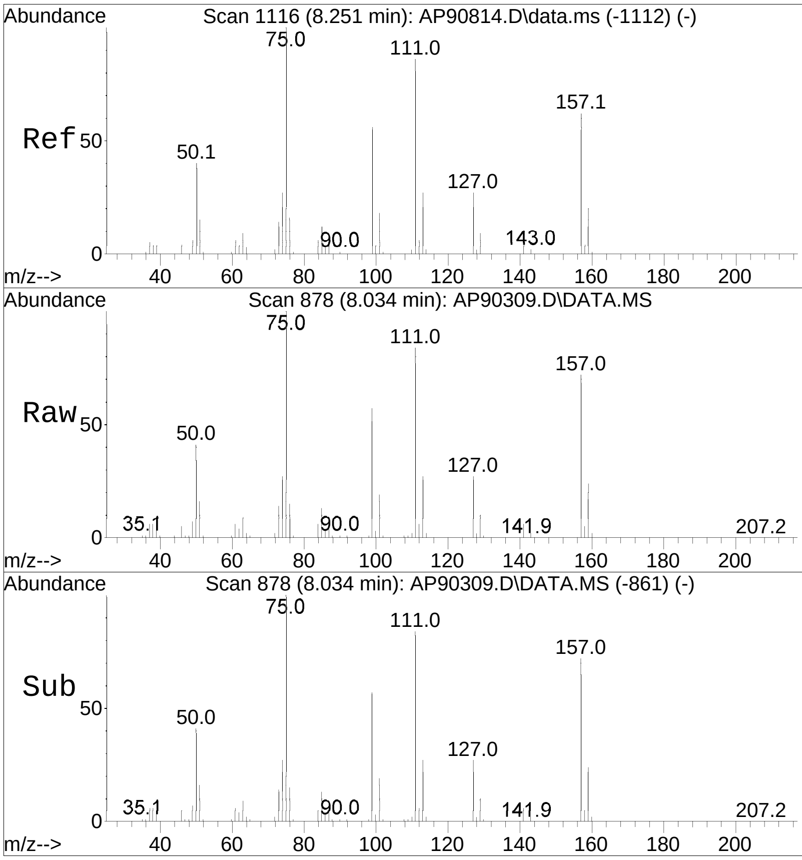


#58
2,6-Dichlorophenol
Concen: 5.01 ug/ml
RT: 7.761 min Scan# 840
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:162 Resp: 150816

Ion	Ratio	Lower	Upper
162	100		
164	64.1	51.1	76.7
63	71.7	60.8	91.2

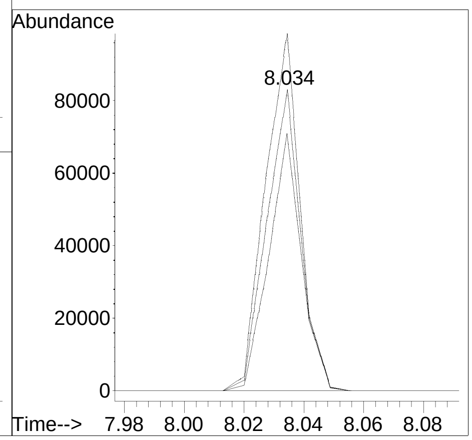


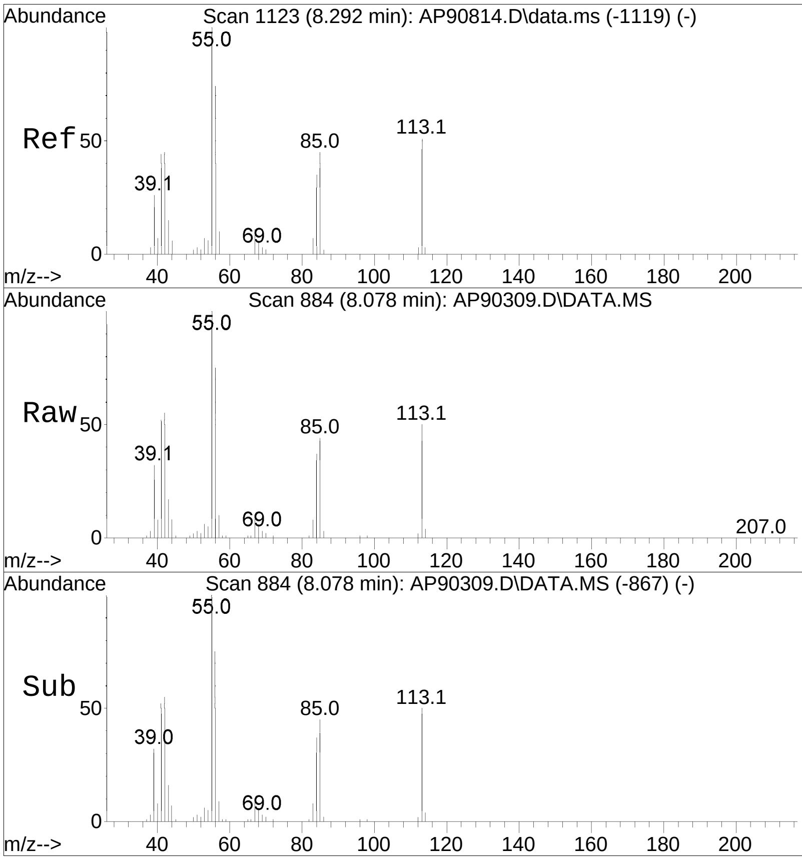


#59
1-chloro-2-nitrobenzene
Concen: 5.50 ug/ml
RT: 8.034 min Scan# 878
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:111 Resp: 65395

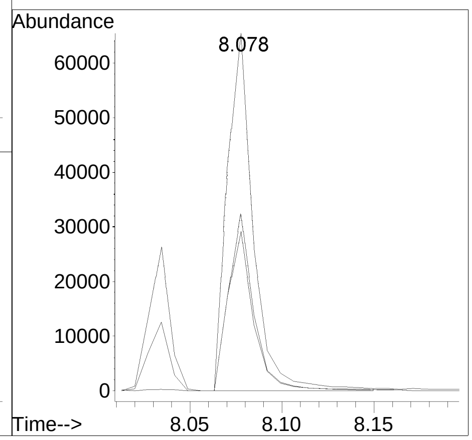
Ion	Ratio	Lower	Upper
111	100		
157	81.9	0.0	0.0#
75	120.5	28.2	42.2#

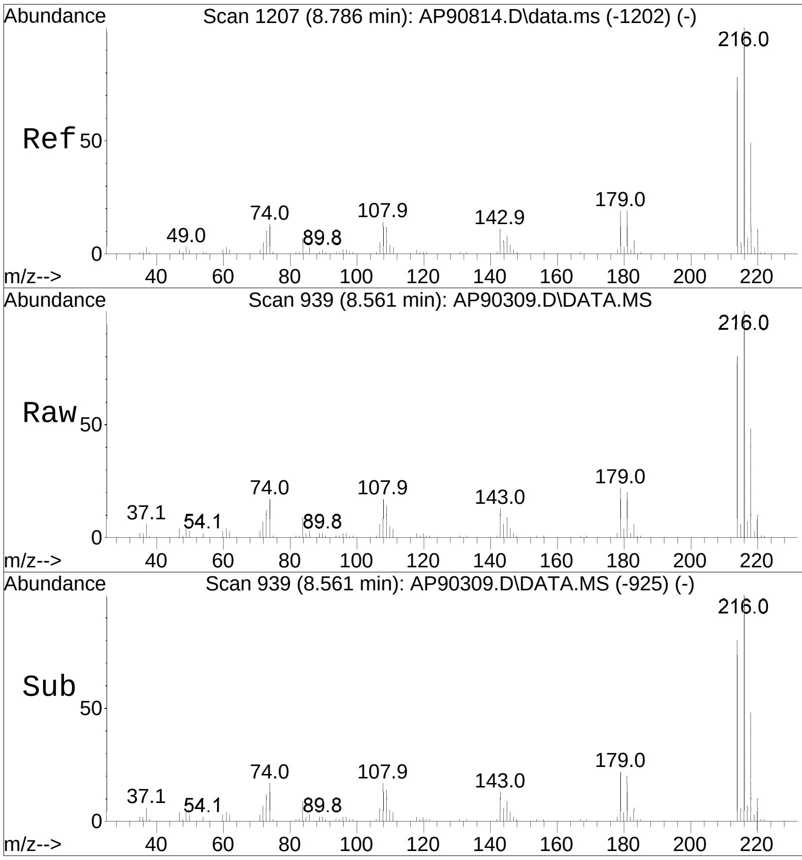





```
#60
Caprolactam
Concen:    4.06 ug/ml
RT:   8.078 min  Scan# 884
Delta R.T.  0.000 min
Lab File:   AP90309.D
Acq:  9 Mar 2025  11:47 am

Tgt Ion: 55 Resp:   64154
Ion  Ratio  Lower  Upper
 55  100
 85   44.7   19.8   29.6#
113   48.3   29.6   44.4#
```

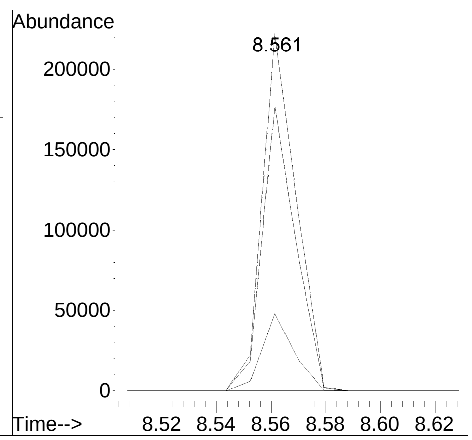


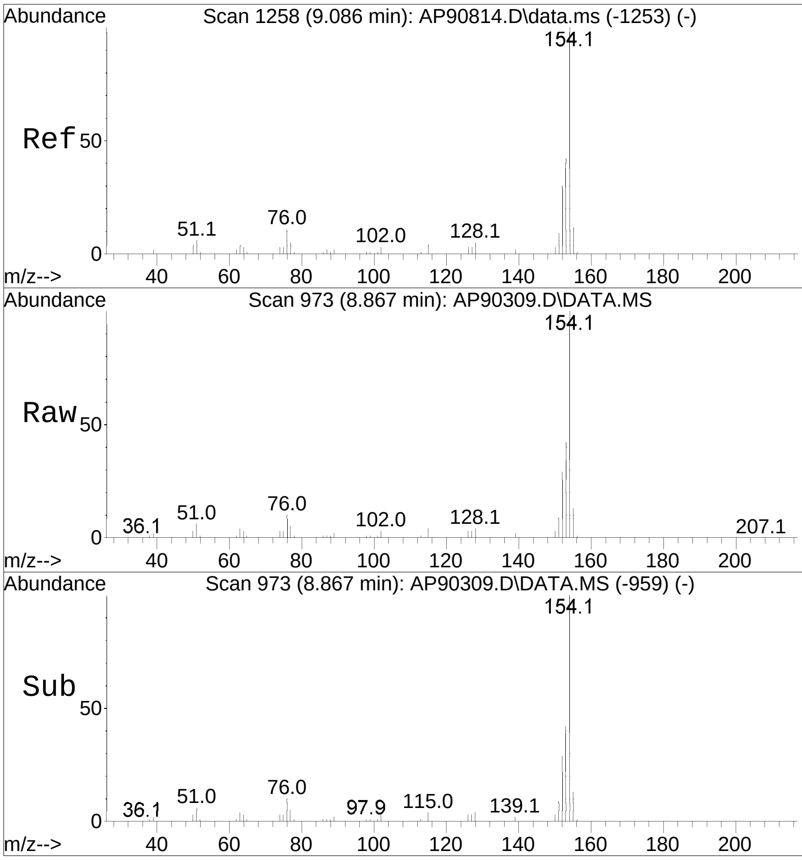


#61
1,2,4,5-Tetrachlorobenzene
Concen: 4.24 ug/ml
RT: 8.561 min Scan# 939
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:216 Resp: 190057

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.7	95.5
179	20.5	19.0	28.6

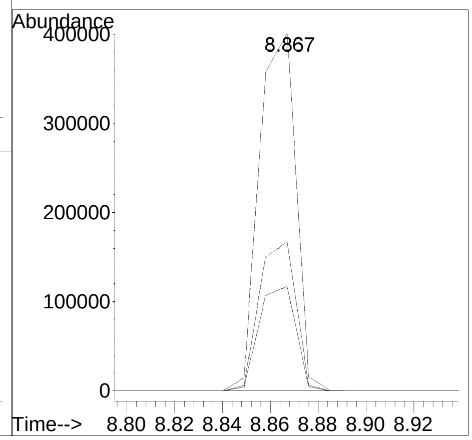


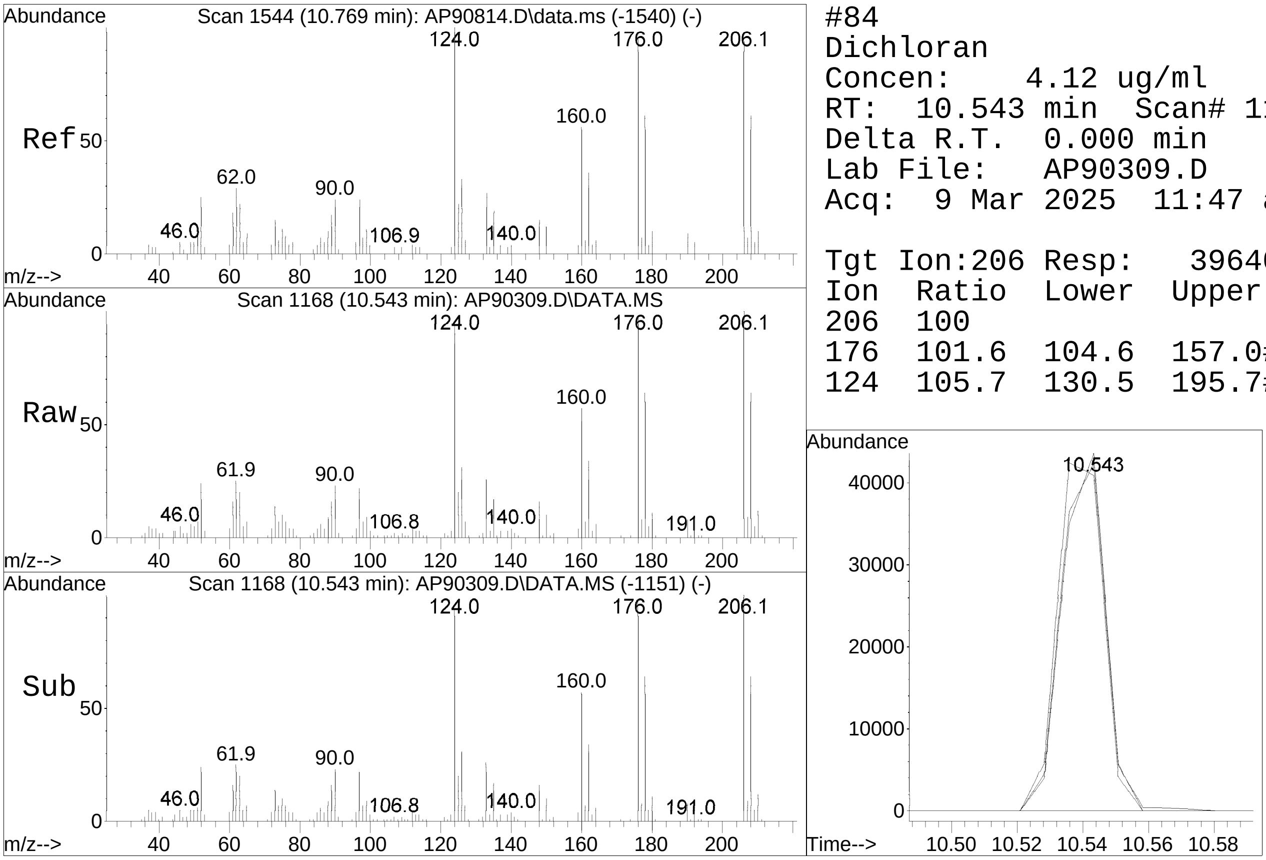


#62
Biphenyl
Concen: 4.20 ug/ml
RT: 8.867 min Scan# 973
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:154 Resp: 426077

Ion	Ratio	Lower	Upper
154	100		
153	41.7	32.3	48.5
152	29.5	22.5	33.7

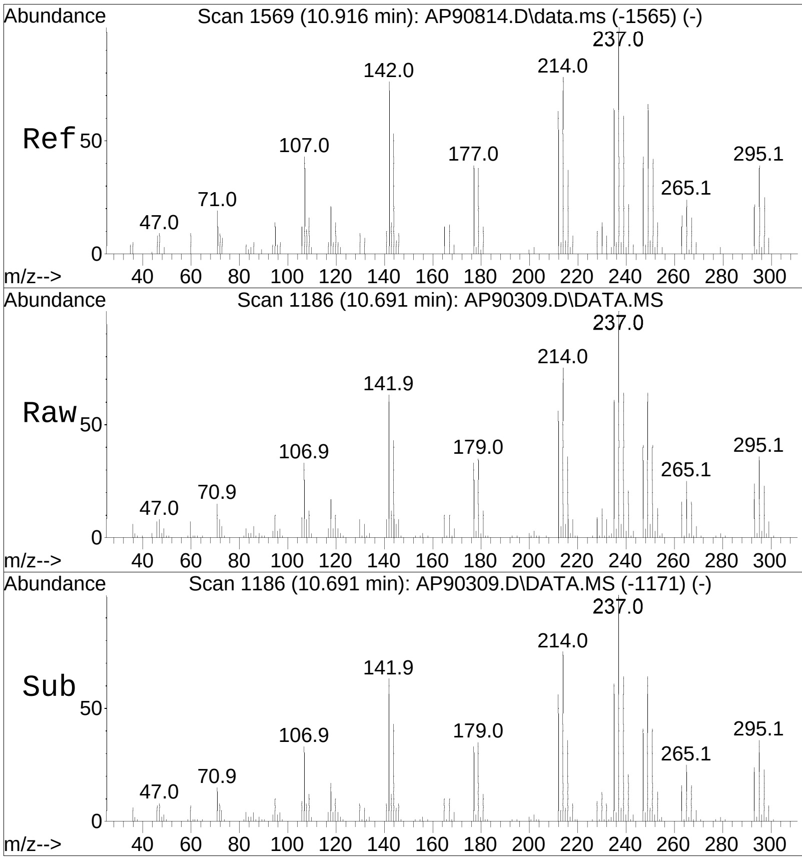




#84
Dichloran
Concen: 4.12 ug/ml
RT: 10.543 min Scan# 1168
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:206 Resp: 39640

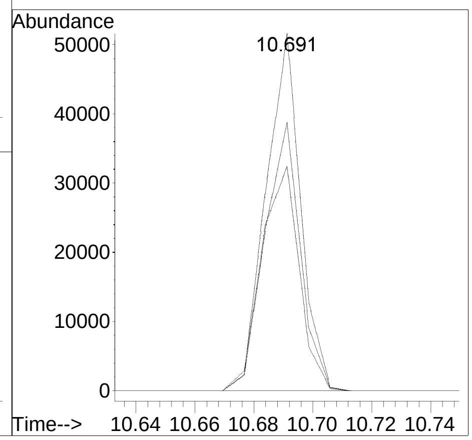
Ion	Ratio	Lower	Upper
206	100		
176	101.6	104.6	157.0#
124	105.7	130.5	195.7#

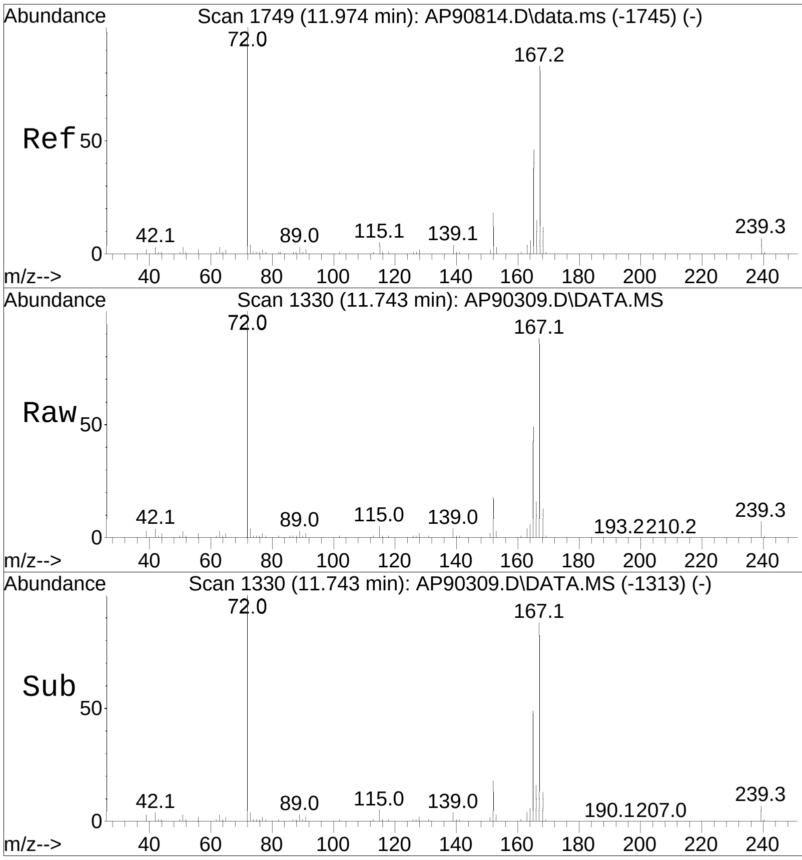


#85
Pentachloronitrobenzene
Concen: 4.22 ug/ml
RT: 10.691 min Scan# 1186
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:237 Resp: 42024

Ion	Ratio	Lower	Upper
237	100		
142	68.7	77.0	115.4#
214	77.0	58.2	87.4

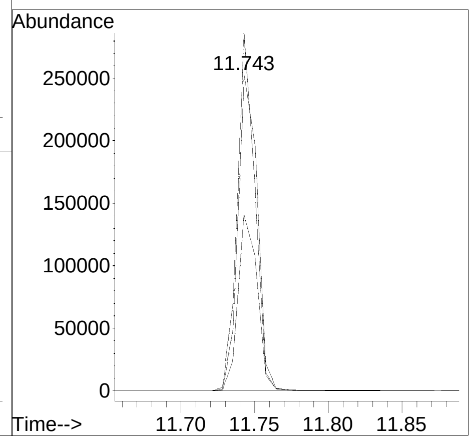




#99
Diphenamid
Concen: 4.31 ug/ml
RT: 11.743 min Scan# 1330
Delta R.T. 0.000 min
Lab File: AP90309.D
Acq: 9 Mar 2025 11:47 am

Tgt Ion:167 Resp: 230828

Ion	Ratio	Lower	Upper
167	100		
72	102.8	109.7	164.5#
165	55.8	41.8	62.6



Manual Integration Report

Data Path	: I:\8270\SV107\250309RVTa\	QMethod	: FS250303SV107RVT.m
Data File	: AP90309.D	Operator	: SV107:slr
Date Inj'd	: 3/9/2025 11:47 am	Instrument	: SV107
Sample	: WG2038279-4,32,,AP9 11152	Quant Date	: 3/9/2025 12:35 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV107\250309RVTa\
Data File : ADP0309.D
Acq On : 9 Mar 2025 12:13 pm
Operator : SV107:slr
Sample : WG2038279-5,32,,ADP 11153 gmr0304A
Misc : WG2038279,,ical22052
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Mar 09 12:34:01 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	110	0.00
33		1,4-Dioxane		0.528	0.430	18.6	104	0.00
34	T	n-Decane		1.421	1.289	9.3	105	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	106	0.00
87	T	Atrazine	*	5.000	1.076	78.5#	20	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	97	0.00
101	T	n-Octadecane		0.368	0.384	-4.3	101	0.00
102	T	Parathion	*	5.000	6.221	-24.4#	133	0.00
103	T	3,3'-Dimethylbenzidine	*	5.000	5.635	-12.7	116	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : ADP0309.D
Acq On : 9 Mar 2025 12:13 pm
Operator : SV107:slr
Sample : WG2038279-5,32,,ADP 11153 gmr0304A
Misc : WG2038279,,ical22052
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Mar 09 12:34:01 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.205	152	105330	4.000 ug/ml	0.00
86) IS3_Acenaphthene-d10	9.411	164	211502	4.000 ug/ml	0.00
100) IS3_Phenanthrene-d10	10.837	188	444075	4.000 ug/ml	# 0.00
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.660	88	56566	4.068 ug/ml#	72
34) n-Decane	6.094	57	169700	4.535 ug/ml#	39
87) Atrazine	10.610	200	19581	1.076 ug/ml	92
101) n-Octadecane	10.823	57	213414	5.227 ug/ml#	1
102) Parathion	11.626	109	39827	6.221 ug/ml	97
103) 3,3'-Dimethylbenzidine	12.889	212	335516	5.635 ug/ml	99

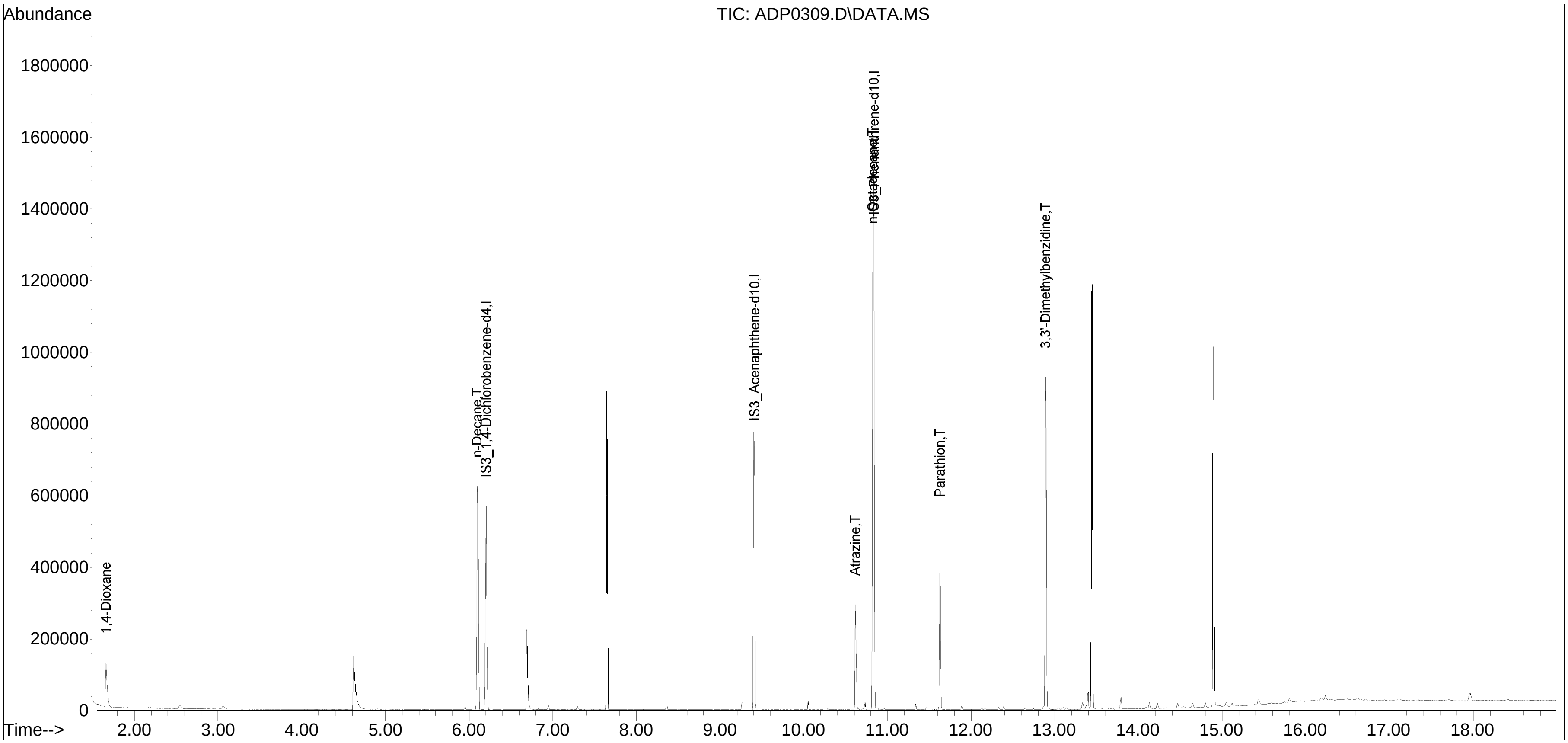
(#) = qualifier out of range (m) = manual integration (+) = signals summed

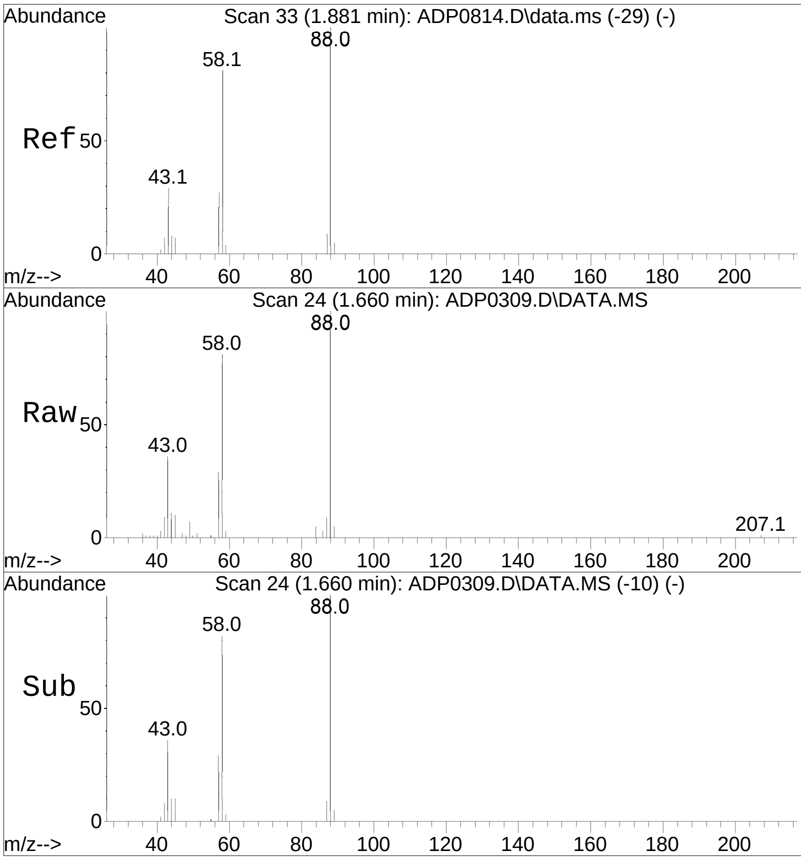
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : ADP0309.D
Acq On   : 9 Mar 2025 12:13 pm
Operator : SV107:slr
Sample   : WG2038279-5,32,,ADP 11153 gmr0304A
Misc   : WG2038279,,ical22052
ALS Vial : 144   Sample Multiplier: 1

Quant Time: Mar 09 12:34:01 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:40 2025
Response via : Initial Calibration

Sub List   : ADPical_REV2 - ADP sublist

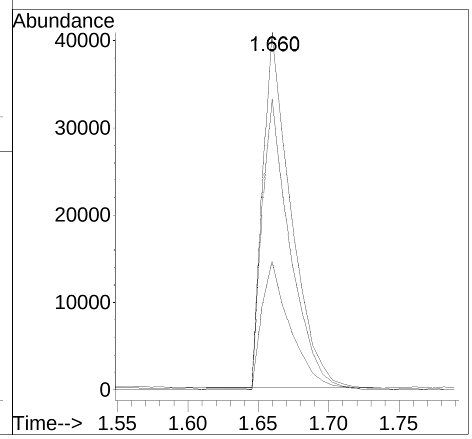


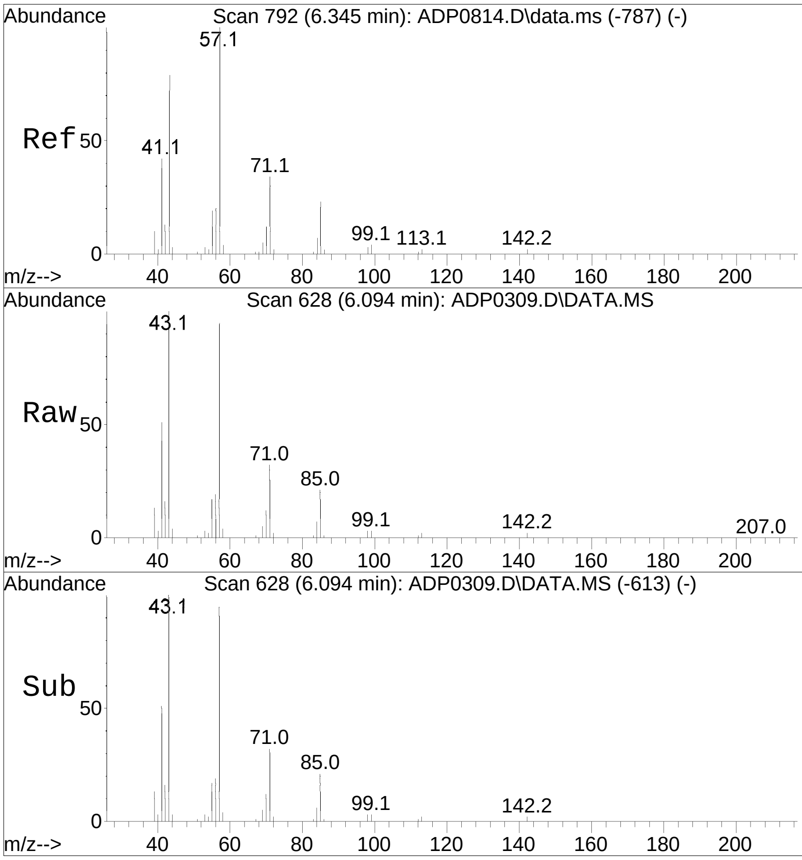


#33
1,4-Dioxane
Concen: 4.07 ug/ml
RT: 1.660 min Scan# 24
Delta R.T. 0.000 min
Lab File: ADP0309.D
Acq: 9 Mar 2025 12:13 pm

Tgt Ion: 88 Resp: 56566

Ion	Ratio	Lower	Upper
88	100		
58	81.5	44.8	67.2#
43	35.5	22.4	33.6#

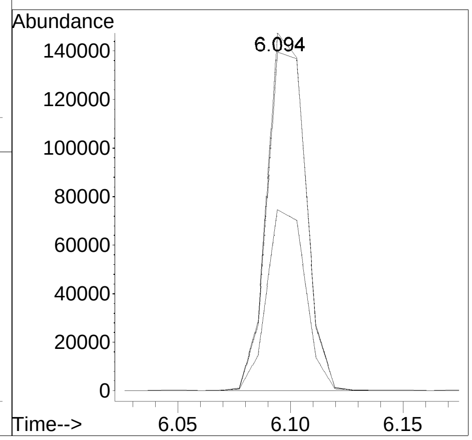


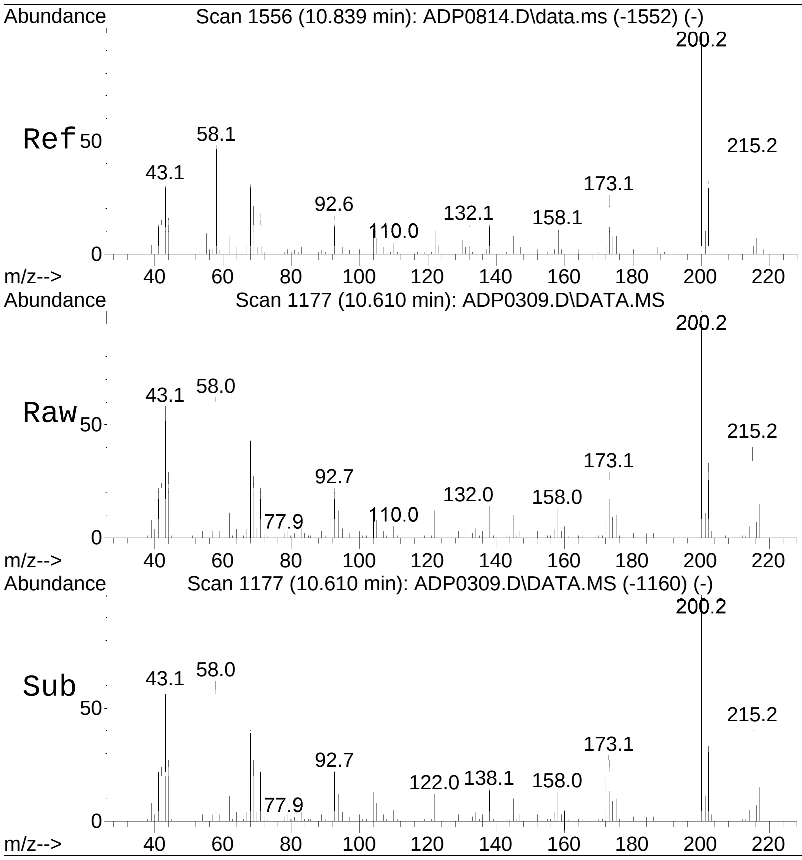


#34
n-Decane
Concen: 4.54 ug/ml
RT: 6.094 min Scan# 628
Delta R.T. 0.000 min
Lab File: ADP0309.D
Acq: 9 Mar 2025 12:13 pm

Tgt Ion: 57 Resp: 169700

Ion	Ratio	Lower	Upper
57	100		
43	102.8	0.2	0.2#
41	52.8	0.2	0.2#

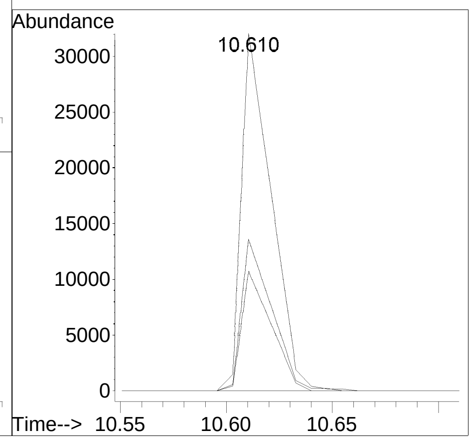




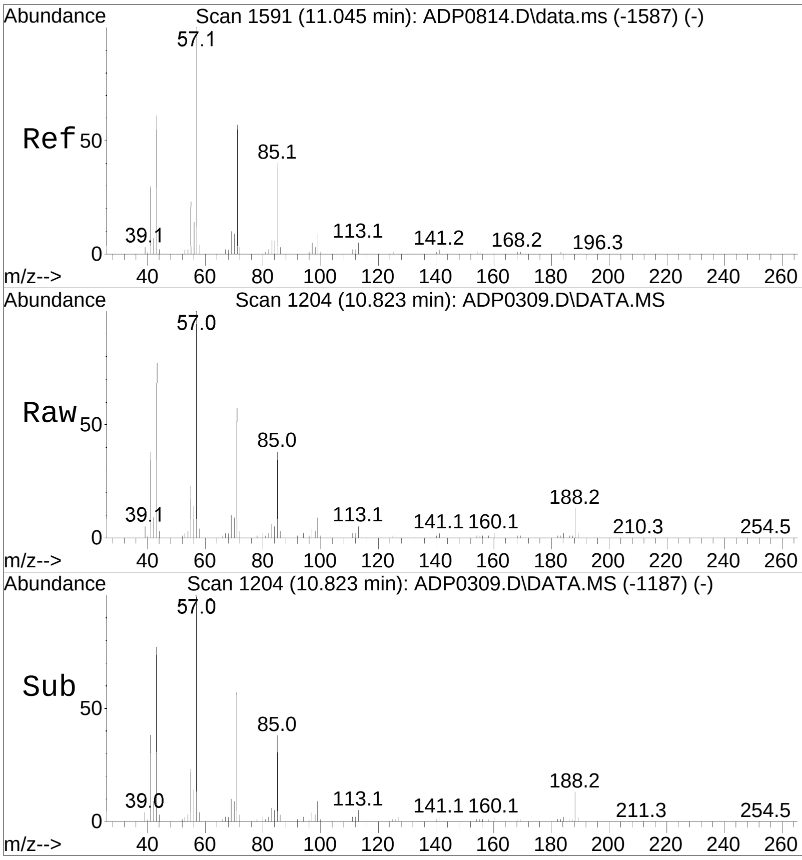
#87
Atrazine
Concen: 1.08 ug/ml
RT: 10.610 min Scan# 1177
Delta R.T. 0.000 min
Lab File: ADP0309.D
Acq: 9 Mar 2025 12:13 pm

Tgt Ion:200 Resp: 19581

Ion	Ratio	Lower	Upper
200	100		
202	35.9	25.8	38.6
215	44.0	40.2	60.4



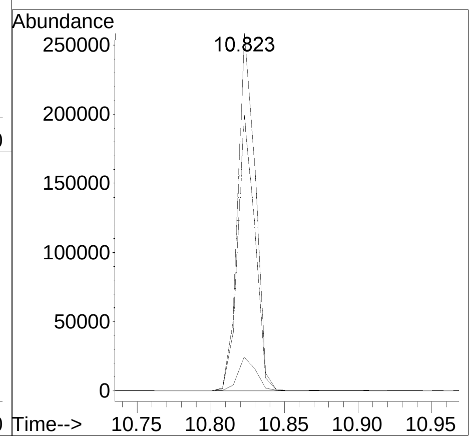
ADP0309.D FS250303SV107RVT.m Mon Mar 10 11:38:46 2025 Page 5

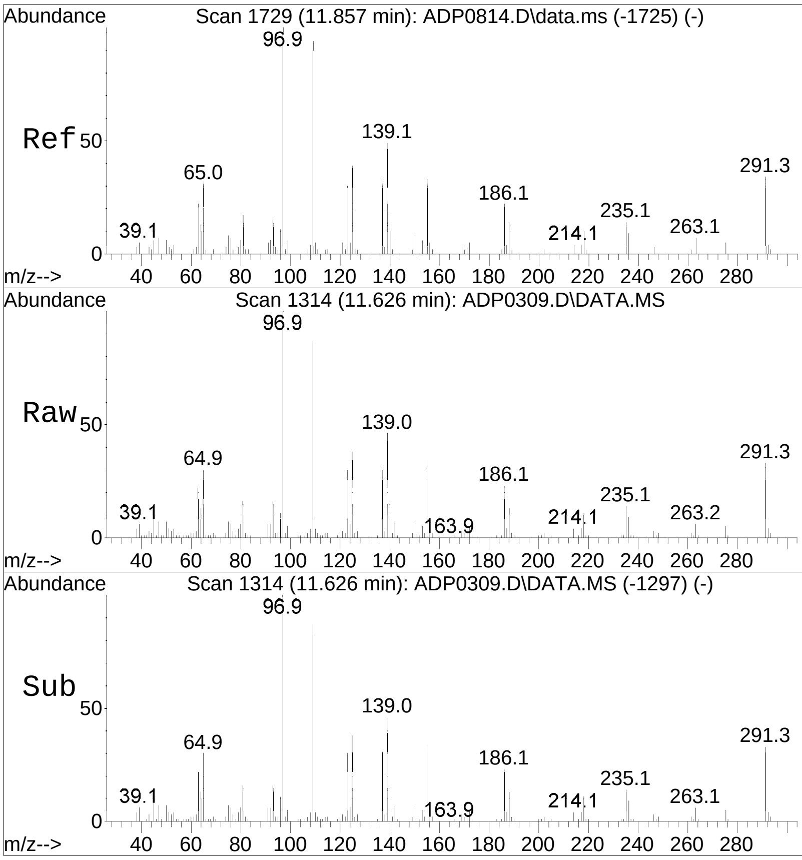


#101
n-Octadecane
Concen: 5.23 ug/ml
RT: 10.823 min Scan# 1204
Delta R.T. 0.000 min
Lab File: ADP0309.D
Acq: 9 Mar 2025 12:13 pm

Tgt Ion: 57 Resp: 213414

Ion	Ratio	Lower	Upper
57	100		
43	76.6	9.0	13.6#
70	9.6	0.2	0.2#

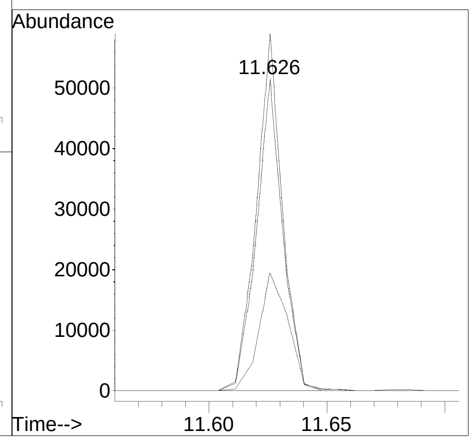


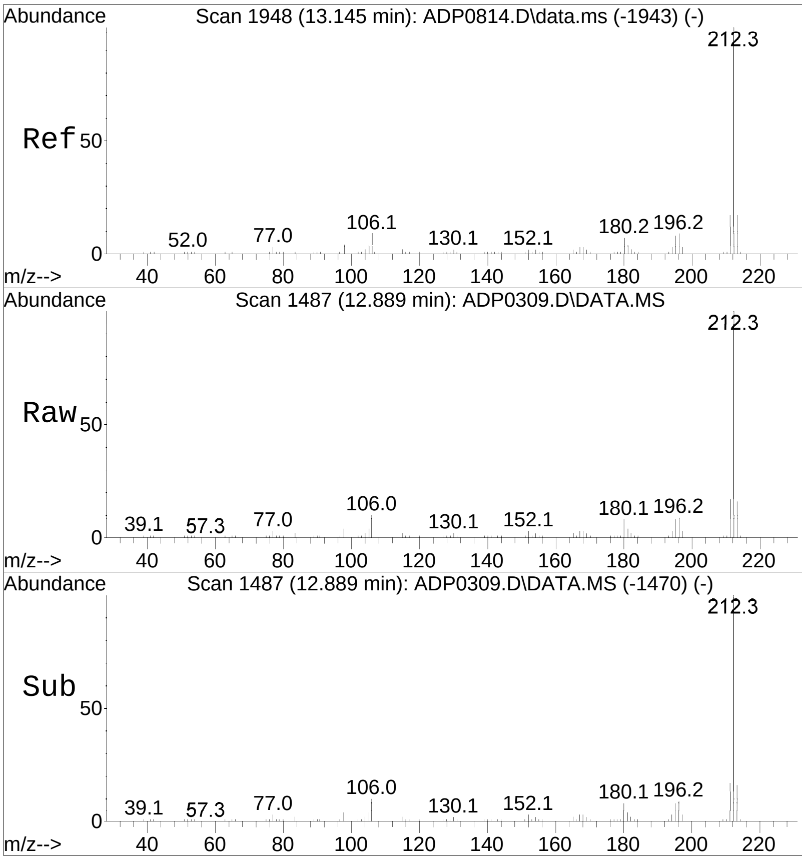


#102
Parathion
Concen: 6.22 ug/ml
RT: 11.626 min Scan# 1314
Delta R.T. 0.000 min
Lab File: ADP0309.D
Acq: 9 Mar 2025 12:13 pm

Tgt Ion:109 Resp: 39827

Ion	Ratio	Lower	Upper
109	100		
97	113.3	87.4	131.2
291	41.6	34.2	51.2

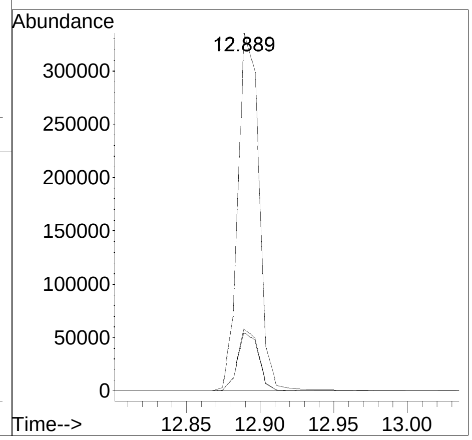




#103
3,3'-Dimethylbenzidine
Concen: 5.63 ug/ml
RT: 12.889 min Scan# 1487
Delta R.T. 0.000 min
Lab File: ADP0309.D
Acq: 9 Mar 2025 12:13 pm

Tgt Ion:212 Resp: 335516

Ion	Ratio	Lower	Upper
212	100		
211	17.0	12.9	19.3
213	16.2	13.2	19.8



Manual Integration Report

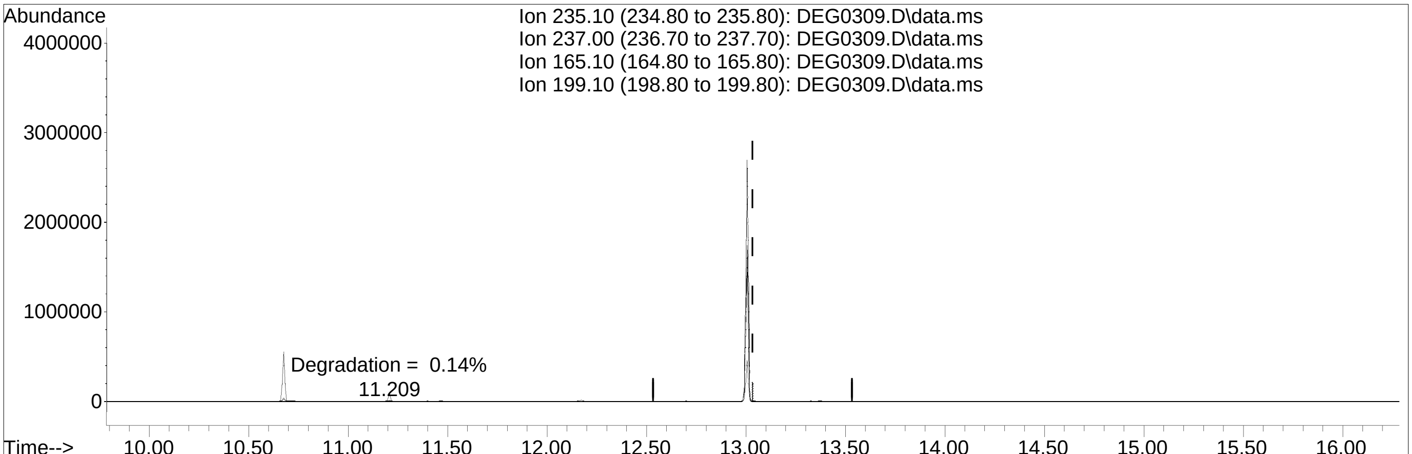
Data Path	: I:\8270\SV107\250309RVTa\	QMethod	: FS250303SV107RVT.m
Data File	: ADP0309.D	Operator	: SV107:slr
Date Inj'd	: 3/9/2025 12:13 pm	Instrument	: SV107
Sample	: WG2038279-5,32,,ADP 11153	Quant Date	: 3/9/2025 12:34 pm

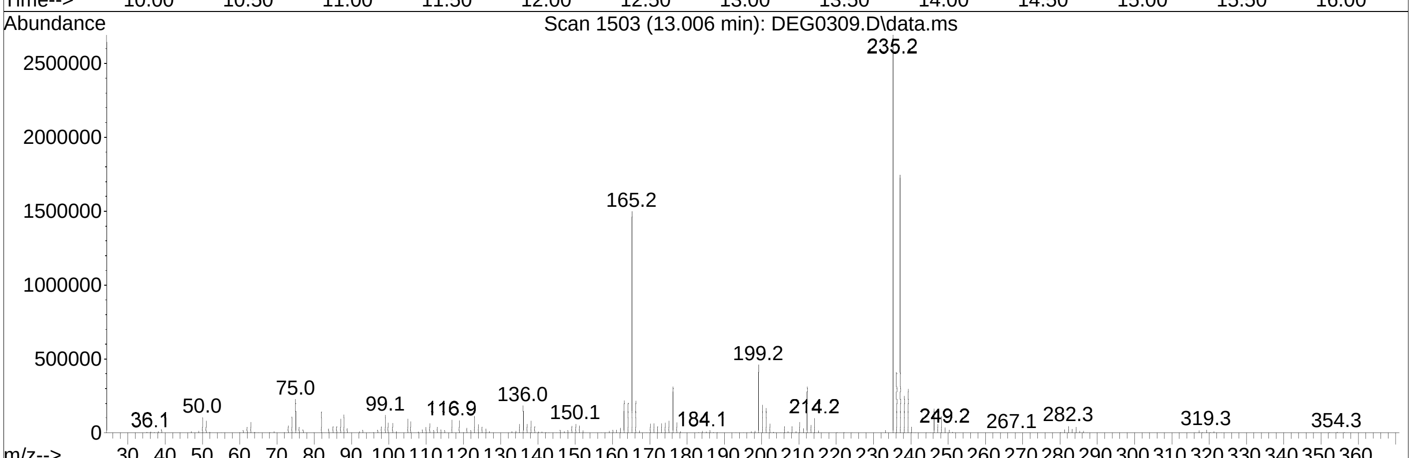
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\SV107\250309RVTa\
Data File : DEG0309.D
Acq On : 9 Mar 2025 10:56 am
Operator : SV107:slr
Sample : WG2038279-2,32,,Degdftpp Lot #11407 (Sig #1); wg-1,32,,Degdftpp Lo
Misc : WG2038279,,ical22052 (Sig #1); wg,,ical22052 (Sig #2)
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 09 11:16:25 2025
Quant Method : I:\8270\SV107\250309RVTa\DftppSV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 13:38:17 2025
Response via : Initial Calibration





TIC: DEG0309.D\data.ms

(6) DDT (T)

13.006min (-0.029) 424.99

response 2590648

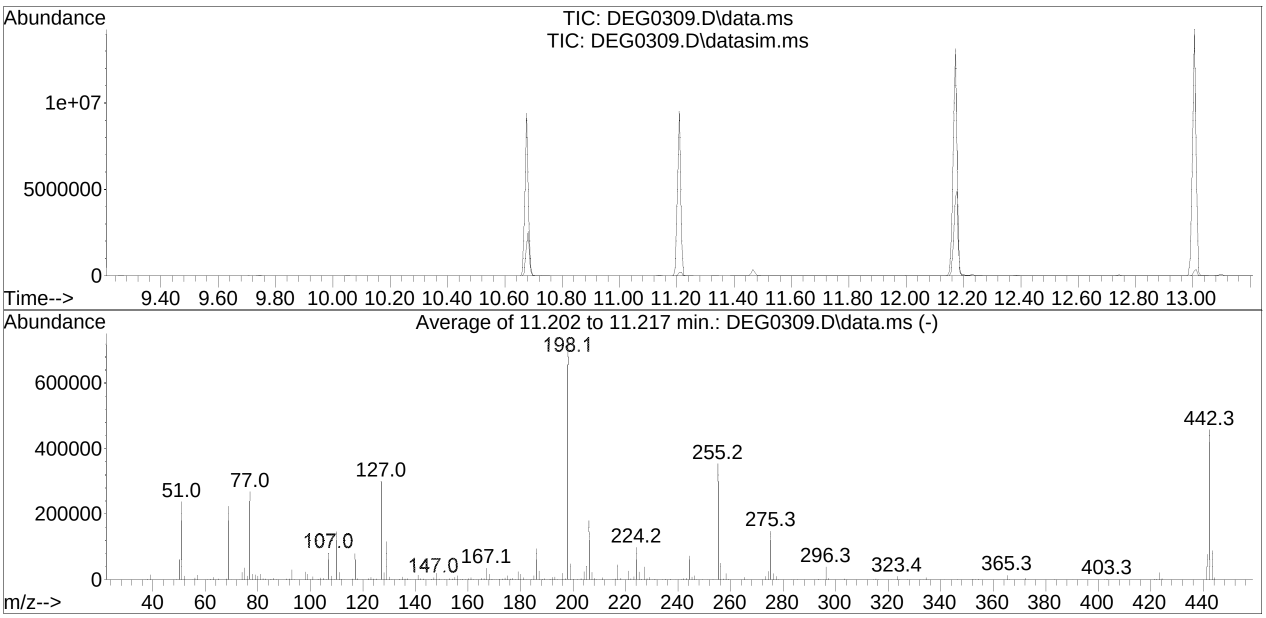
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.30	64.26
165.10	55.40	54.03
199.10	16.20	14.78

DFTPP

Data Path : I:\8270\SV107\250309RVTa\
Data File : DEG0309.D
Acq On : 9 Mar 2025 10:56 am
Operator : SV107:cmm
Sample : WG2038279-1,32,,Degdftpp Lot #11407 (Sig #1); wg-1,32,,Degdftpp Lo
Misc : WG2038279,,ical22052 (Sig #1); wg,,ical22052 (Sig #2)
ALS Vial : 141 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p

Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Mar 07 13:23:06 2025



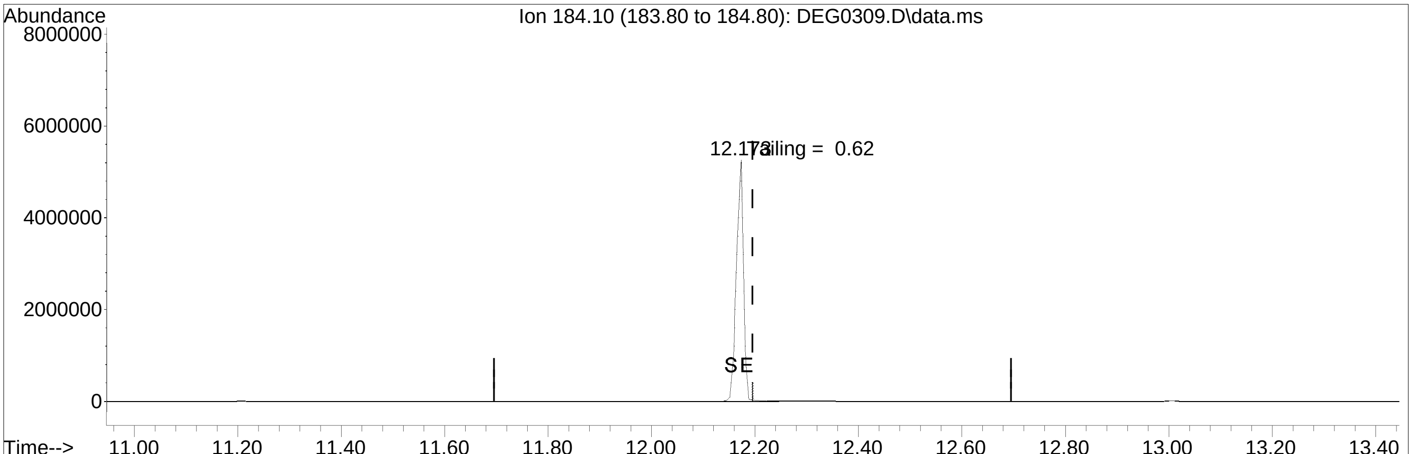
Spectrum Information: Average of 11.202 to 11.217 min.

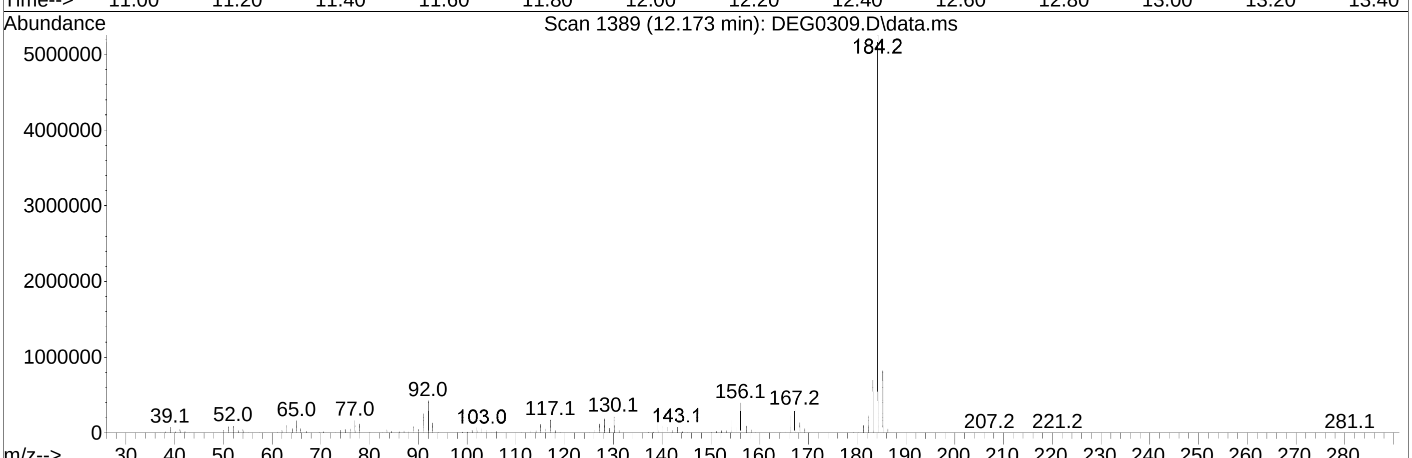
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.3	238282	PASS
68	69	0.00	2	1.5	3394	PASS
69	69	100	100	100.0	224802	PASS
70	69	0.00	2	0.5	1058	PASS
127	198	10	80	42.0	300741	PASS
197	198	0.00	2	0.7	5082	PASS
198	198	100	100	100.0	715627	PASS
199	198	5	9	6.8	48928	PASS
275	198	10	60	20.8	148659	PASS
365	198	1	100	2.0	14552	PASS
441	442	0.01	24	16.8	76936	PASS
442	198	50	100	63.9	457408	PASS
443	442	15	24	19.6	89861	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV107\250309RVTa\
Data File : DEG0309.D
Acq On : 9 Mar 2025 10:56 am
Operator : SV107:slr
Sample : WG2038279-6,32,,Degdftpp Lot #11407 (Sig #1); wg-1,32,,Degdftpp Lo
Misc : WG2038279,,ical22052 (Sig #1); wg,,ical22052 (Sig #2)
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 09 11:16:25 2025
Quant Method : I:\8270\SV107\250309RVTa\DftppSV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 13:38:17 2025
Response via : Initial Calibration





TIC: DEG0309.D\data.ms

(3) Benzidine (T)

12.173min (-0.023) 470.75

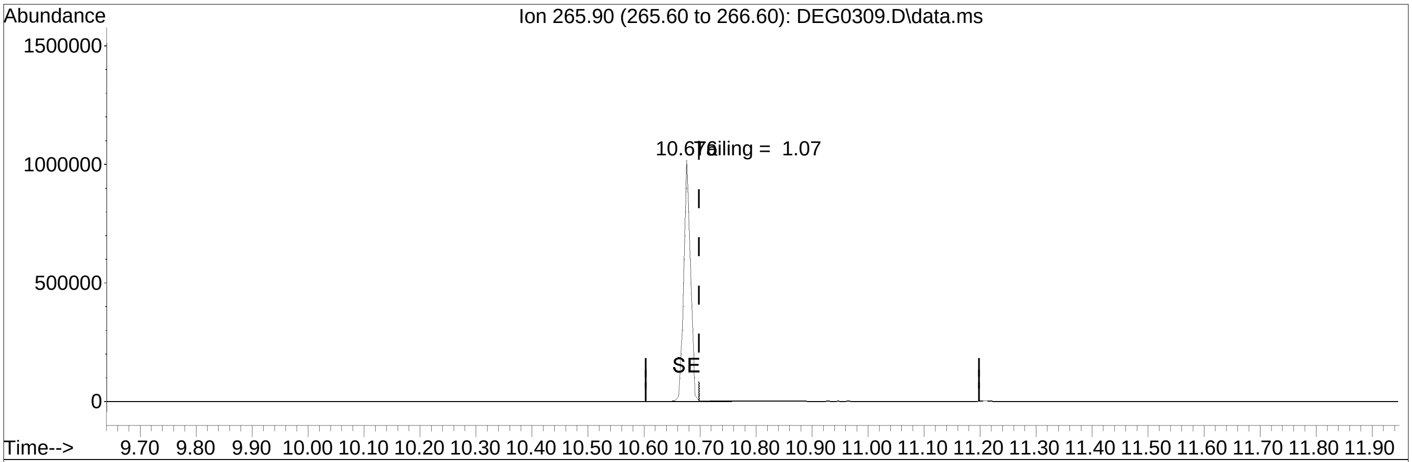
response 4792226

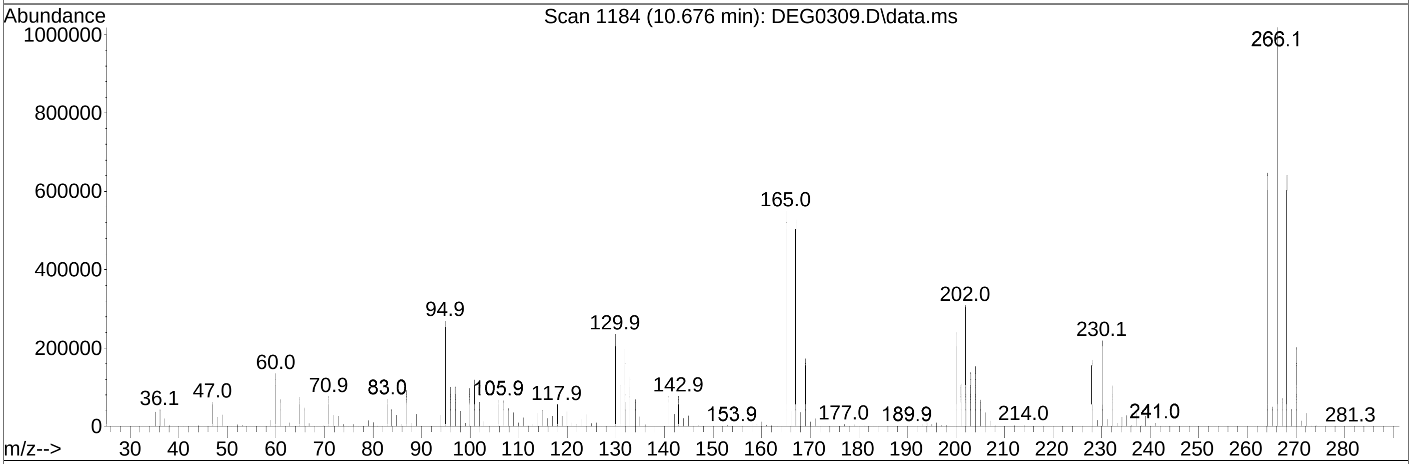
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV107\250309RVTa\
Data File : DEG0309.D
Acq On : 9 Mar 2025 10:56 am
Operator : SV107:slr
Sample : WG2038279-7,32,,Degdftpp Lot #11407 (Sig #1); wg-1,32,,Degdftpp Lo
Misc : WG2038279,,ical22052 (Sig #1); wg,,ical22052 (Sig #2)
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 09 11:16:25 2025
Quant Method : I:\8270\SV107\250309RVTa\DftppSV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 05 13:38:17 2025
Response via : Initial Calibration





TIC: DEG0309.D\data.ms

(1) Pentachlorophenol (T)

10.676min (-0.023) 389.04

response 817122

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Semivolatiles Raw QC Data

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On    :  9 Mar 2025  12:38 pm
Operator  : SV107:slr
Sample    : WG2037999-1,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 10 14:01:40 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA

       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
-------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.205  152     73461     4.000 ug/ml    0.00
   Standard Area 1 = 98614                 Recovery   =   74.49%
27) IS2_1,4-Dichlorobenzen...   6.205  152     73461     4.000 ug/ml    0.00
   Standard Area 3 = 120276                 Recovery   =   61.08%
32) IS3_1,4-Dichlorobenzen...   6.205  152     73461     4.000 ug/ml    0.00
   Standard Area 2 = 105330                 Recovery   =   69.74%
35) IS1_Naphthalene-d8          7.646  136    257551     4.000 ug/ml    0.00
   Standard Area 1 = 354239                 Recovery   =   72.71%
55) IS2_Naphthalene-d8          7.646  136    257551     4.000 ug/ml    0.00
   Standard Area 3 = 418637                 Recovery   =   61.52%
63) IS1_Acenaphthene-d10        9.402  164    143202     4.000 ug/ml    0.00
   Standard Area 1 = 210099                 Recovery   =   68.16%
83) IS2_Acenaphthene-d10        9.402  164    143202     4.000 ug/ml    0.00
   Standard Area 3 = 236989                 Recovery   =   60.43%
86) IS3_Acenaphthene-d10        9.402  164    143202     4.000 ug/ml    0.00
   Standard Area 2 = 211502                 Recovery   =   67.71%
88) IS1_Phenanthrene-d10       10.837  188    279475     4.000 ug/ml    0.00
   Standard Area 1 = 411555                 Recovery   =   67.91%
100) IS3_Phenanthrene-d10      10.837  188    279475     4.000 ug/ml  # 0.00
   Standard Area 2 = 444075                 Recovery   =   62.93%
104) IS1_Chrysene-d12          13.442  240    254620     4.000 ug/ml    0.00
   Standard Area 1 = 416424                 Recovery   =   61.14%
113) IS1_Perylene-d12          14.896  264    267130     4.000 ug/ml    0.00
   Standard Area 1 = 407947                 Recovery   =   65.48%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.165  112     18932     1.015 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   50.75%
 7) Phenol-d6                   5.848   99     16554     0.728 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   36.40%
19) Nitrobenzene-d5             6.879   82     16551     0.800 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   80.00%
46) 2-Fluorobiphenyl            8.768  172     44282     0.701 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   70.10%
79) 2,4,6-Tribromophenol       10.175  330      6866     0.953 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   47.65%
```

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On    :  9 Mar 2025  12:38 pm
Operator  : SV107:slr
Sample    : WG2037999-1,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 10 14:01:40 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	12.407	244	58616	0.869	ug/ml	0.00

Spiked Amount 1.000 Range 30 - 130 Recovery = 86.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.	d	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene	0.000		0	N.D.		
12) 1,2-Dichlorobenzene	0.000		0	N.D.		
13) Benzyl alcohol	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
36) Naphthalene	0.000		0	N.D.		
37) Benzoic Acid	7.435	105	1036	0.142	ug/ml#	85
38) 4-Chloroaniline	0.000		0	N.D.		
39) Hexachlorobutadiene	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
41) 2-Methylnaphthalene	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
47) 2-Chloronaphthalene	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.		
52) Acenaphthylene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On : 9 Mar 2025 12:38 pm
Operator : SV107:slr
Sample : WG2037999-1,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 14:01:40 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 2,6-Dinitrotoluene	0.000		0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
65) Acenaphthene	0.000		0	N.D. d	
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	0.000		0	N.D.	
68) 2,4-Dinitrotoluene	0.000		0	N.D.	
69) 4-Nitrophenol	0.000		0	N.D.	
72) Diethyl phthalate	0.000		0	N.D.	
73) Fluorene	0.000		0	N.D.	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
81) Hexachlorobenzene	0.000		0	N.D.	
82) Pentachlorophenol	0.000		0	N.D.	
89) Phenanthrene	0.000		0	N.D.	
90) Anthracene	0.000		0	N.D.	
91) Carbazole	0.000		0	N.D.	
92) Di-n-butylphthalate	0.000		0	N.D. d	
93) Fluoranthene	0.000		0	N.D.	
95) Pyrene	0.000		0	N.D.	
97) Butyl benzyl phthalate	0.000		0	N.D.	
105) Benzo(a)anthracene	0.000		0	N.D. d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
107) Chrysene	0.000		0	N.D. d	
108) Bis(2-ethylhexyl)phtha...	13.561	149	2702	0.234 ug/ml#	89
109) Di-n-octylphthalate	0.000		0	N.D. d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	
111) Benzo(k)fluoranthene	0.000		0	N.D.	
112) Benzo(a)pyrene	0.000		0	N.D. d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.	
116) Benzo(ghi)perylene	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On    :  9 Mar 2025  12:38 pm
Operator  : SV107:slr
Sample    : WG2037999-1,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 10 14:01:40 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA

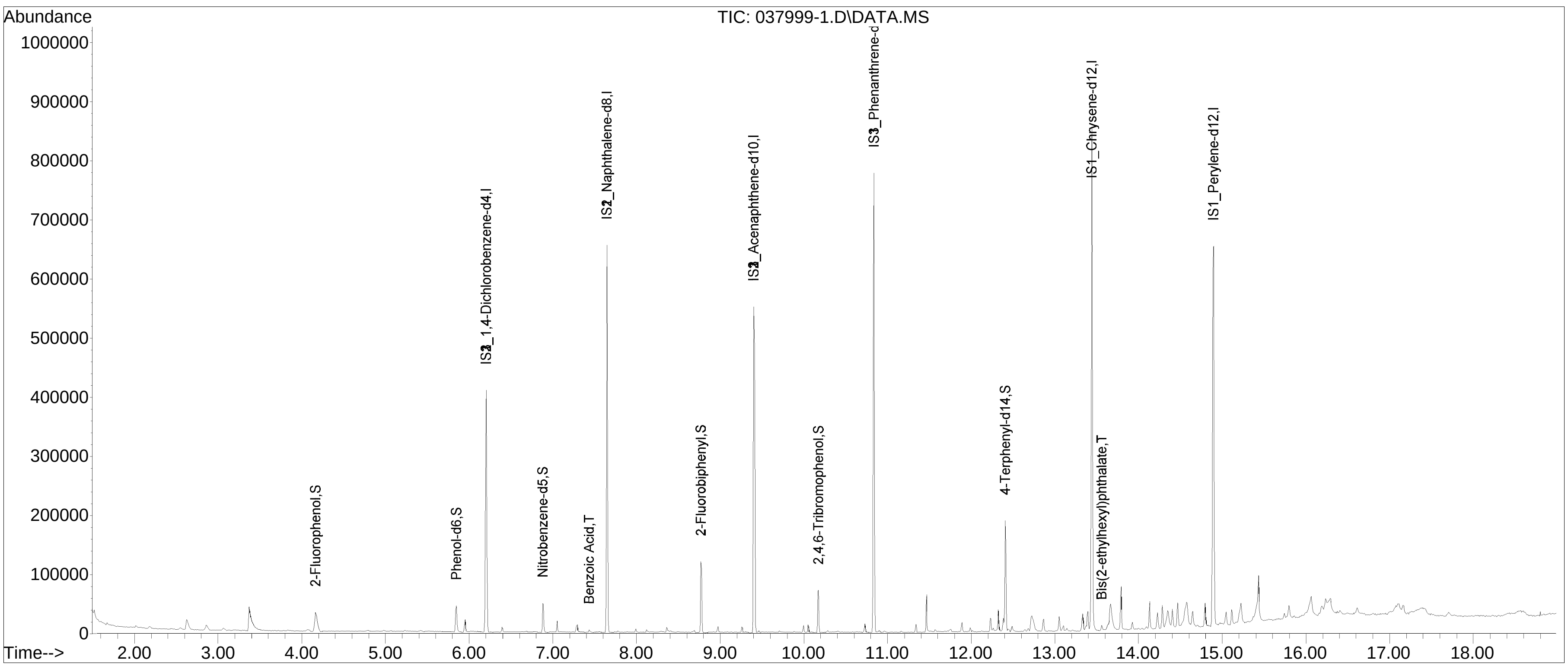
        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

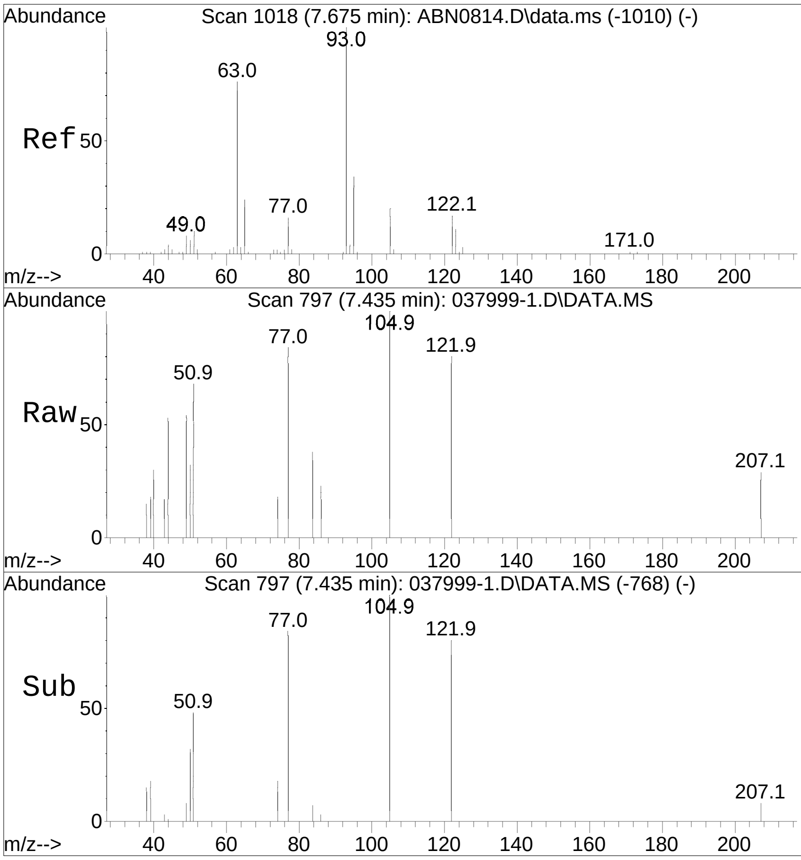
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On : 9 Mar 2025 12:38 pm
Operator : SV107:slr
Sample : WG2037999-1,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 14:01:40 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MARVTa\AP90309.D•

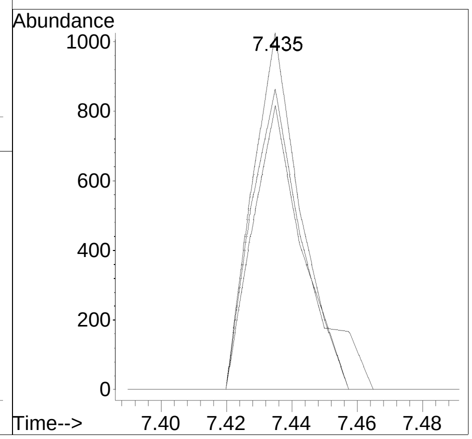


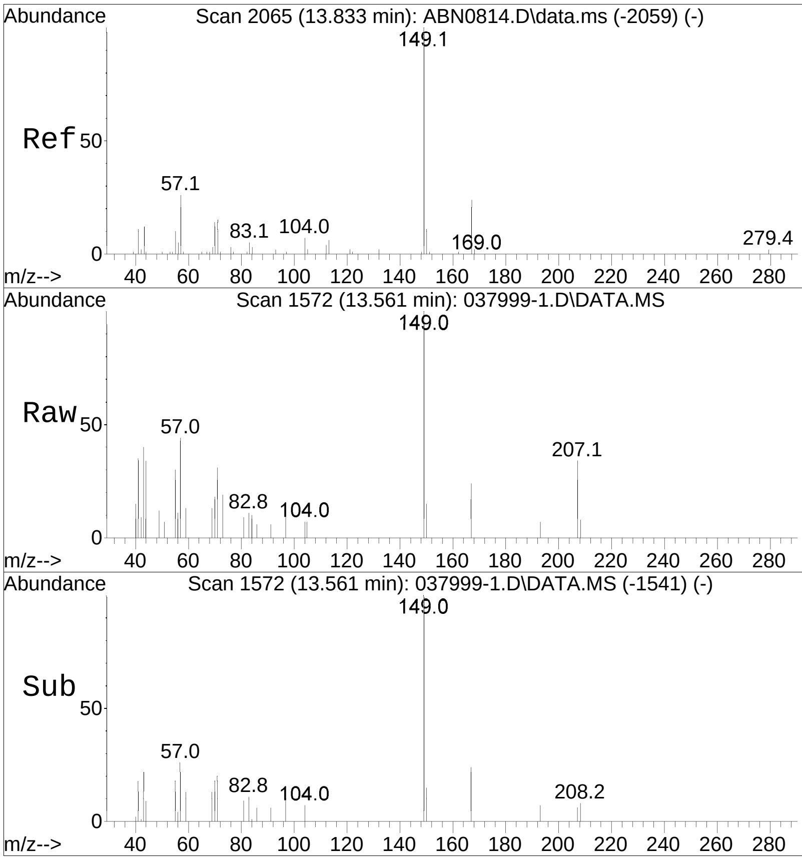


#37
Benzoic Acid
Concen: 0.14 ug/ml
RT: 7.435 min Scan# 797
Delta R.T. -0.030 min
Lab File: 037999-1.D
Acq: 9 Mar 2025 12:38 pm

Tgt Ion:105 Resp: 1036

Ion	Ratio	Lower	Upper
105	100		
122	81.8	59.9	89.9
77	94.4	60.1	90.1#

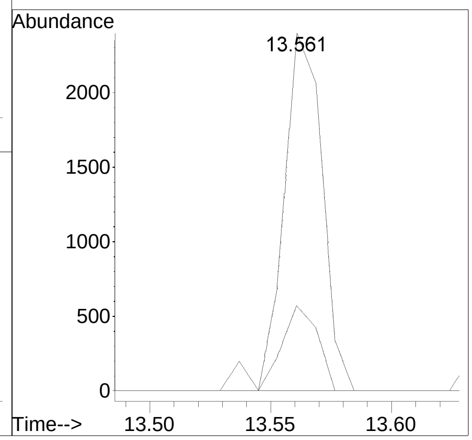




#108
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ug/ml
RT: 13.561 min Scan# 1572
Delta R.T. -0.008 min
Lab File: 037999-1.D
Acq: 9 Mar 2025 12:38 pm

Tgt Ion:149 Resp: 2702

Ion	Ratio	Lower	Upper
149	100		
167	21.6	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV107\250309RVTa\	QMethod	: FS250303SV107RVT.m
Data File	: 037999-1.D	Operator	: SV107:slr
Date Inj'd	: 3/9/2025 12:38 pm	Instrument	: SV107
Sample	: WG2037999-1,32,,cmm	Quant Date	: 3/9/2025 12:57 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On : 9 Mar 2025 12:38 pm
Operator : SV107:slr
Sample : WG2037999-1,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 037999-1.D\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.012	72	73	79	rVB5	2918	3828	0.47%	0.060%
2	2.177	93	96	105	rVB3	3556	7296	0.90%	0.114%
3	2.551	145	148	154	rVV5	2888	5123	0.63%	0.080%
4	2.623	154	158	171	rVB	16996	37751	4.67%	0.588%
5	2.867	186	192	200	rVB	8472	20148	2.49%	0.314%
6	3.068	216	220	225	rVB4	3888	8249	1.02%	0.128%
7	3.368	257	260	283	rBV	40453	114935	14.22%	1.790%
8	3.832	325	327	334	rBV4	1238	2300	0.28%	0.036%
9	4.068	357	361	368	rVV4	2305	5530	0.68%	0.086%
10	4.165	370	375	384	rVB	32048	68764	8.51%	1.071%
11	4.795	461	466	472	rVB7	1693	3603	0.45%	0.056%
12	4.982	489	493	497	rVB5	1781	2966	0.37%	0.046%
13	5.228	524	526	529	rBV	1572	2751	0.34%	0.043%
14	5.415	544	548	553	rVB6	1832	3943	0.49%	0.061%
15	5.848	595	599	604	rBV	44337	53160	6.58%	0.828%
16	5.950	607	611	616	rBV	20797	21905	2.71%	0.341%
17	6.205	637	641	646	rVB	409012	417872	51.70%	6.507%
18	6.392	660	663	667	rVB	8005	8335	1.03%	0.130%
19	6.624	683	689	693	rBV5	673	2165	0.27%	0.034%
20	6.684	693	697	701	rVB5	1472	2117	0.26%	0.033%
21	6.879	720	723	731	rVB	49305	54341	6.72%	0.846%
22	7.052	743	746	751	rBV	18068	14419	1.78%	0.225%
23	7.292	773	778	783	rBV3	11976	19899	2.46%	0.310%
24	7.435	792	797	803	rVB4	4624	7001	0.87%	0.109%
25	7.552	808	811	817	rVV4	1319	2152	0.27%	0.034%
26	7.646	819	824	830	rVV	655374	526302	65.12%	8.196%
27	7.776	839	842	847	rVB4	1992	2856	0.35%	0.044%
28	7.891	852	858	866	rBV5	1256	2964	0.37%	0.046%

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On : 9 Mar 2025 12:38 pm
Operator : SV107:slr
Sample : WG2037999-1,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.991	868	872	877	rVB4	5994	5326	0.66%	0.083%
30	8.121	887	890	895	rBV4	4344	4353	0.54%	0.068%
31	8.164	895	896	903	rVB5	629	1808	0.22%	0.028%
32	8.292	903	909	914	rBV7	1568	4824	0.60%	0.075%
33	8.355	914	916	920	rBV	7776	10585	1.31%	0.165%
34	8.489	928	931	935	rBV4	1225	2529	0.31%	0.039%
35	8.687	948	953	957	rBV5	3339	5926	0.73%	0.092%
36	8.768	958	962	968	rVB	120285	129702	16.05%	2.020%
37	8.975	981	985	992	rVB4	9969	10562	1.31%	0.164%
38	9.255	1009	1013	1017	rBV	8842	10814	1.34%	0.168%
39	9.402	1024	1028	1032	rBV	551131	621655	76.91%	9.681%
40	9.461	1032	1034	1036	rVB	3332	3066	0.38%	0.048%
41	9.705	1056	1059	1068	rBV5	2693	5155	0.64%	0.080%
42	9.992	1089	1093	1097	rBV2	11655	10015	1.24%	0.156%
43	10.048	1097	1101	1104	rBV	12865	11598	1.43%	0.181%
44	10.175	1112	1119	1123	rBV	71684	71162	8.80%	1.108%
45	10.288	1131	1135	1139	rVB4	2814	3245	0.40%	0.051%
46	10.409	1146	1150	1155	rVB2	2517	4831	0.60%	0.075%
47	10.728	1186	1191	1195	rVB2	13983	14087	1.74%	0.219%
48	10.837	1202	1206	1211	rBV	777223	685718	84.84%	10.678%
49	10.903	1211	1215	1219	rVV3	3200	5496	0.68%	0.086%
50	10.962	1219	1223	1230	rVB3	2919	6216	0.77%	0.097%
51	11.056	1230	1236	1239	rBV5	1394	3321	0.41%	0.052%
52	11.159	1246	1250	1256	rBV3	2161	2672	0.33%	0.042%
53	11.334	1269	1274	1277	rBV	13797	13468	1.67%	0.210%
54	11.465	1288	1292	1298	rBV2	62877	63893	7.90%	0.995%
55	11.568	1303	1306	1310	rVV3	3470	4464	0.55%	0.070%
56	11.757	1324	1332	1340	rVB4	3999	8582	1.06%	0.134%
57	11.889	1343	1350	1354	rBV	16110	17287	2.14%	0.269%
58	11.984	1358	1363	1366	rBV	6929	7425	0.92%	0.116%
59	12.013	1366	1367	1371	rVB3	2054	2033	0.25%	0.032%
60	12.123	1380	1382	1387	rBV5	1629	2378	0.29%	0.037%

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On : 9 Mar 2025 12:38 pm
Operator : SV107:slr
Sample : WG2037999-1,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Title : Semivolatiles by GC/MS by modified 8270

61	12.225	1392	1396	1399	rBV	21968	23066	2.85%	0.359%
62	12.320	1405	1409	1414	rVV	35581	31768	3.93%	0.495%
63	12.407	1414	1421	1429	rVB	187594	196132	24.27%	3.054%
64	12.488	1429	1432	1443	rVB	9365	17179	2.13%	0.268%
65	12.641	1449	1453	1456	rBV3	3013	4263	0.53%	0.066%
66	12.685	1456	1459	1461	rVV4	4719	5202	0.64%	0.081%
67	12.729	1461	1465	1475	rVV2	25666	65739	8.13%	1.024%
68	12.867	1480	1484	1490	rVB	20618	24920	3.08%	0.388%
69	13.050	1502	1509	1512	rBV	24765	28042	3.47%	0.437%
70	13.102	1512	1514	1516	rVV	9170	9179	1.14%	0.143%
71	13.141	1516	1519	1525	rVB	5054	7285	0.90%	0.113%
72	13.212	1525	1528	1534	rVB7	2229	4393	0.54%	0.068%
73	13.331	1537	1543	1546	rBV	29737	38738	4.79%	0.603%
74	13.394	1546	1551	1553	rVV2	32337	43414	5.37%	0.676%
75	13.442	1553	1557	1569	rVB	850342	808261	100.00%	12.587%
76	13.561	1569	1572	1577	rBV2	8953	12292	1.52%	0.191%
77	13.664	1577	1585	1595	rVV	43635	111314	13.77%	1.733%
78	13.790	1597	1601	1607	rVB	72434	79515	9.84%	1.238%
79	13.925	1614	1618	1621	rBV2	12137	13409	1.66%	0.209%
80	14.044	1630	1633	1636	rBV4	2328	3026	0.37%	0.047%
81	14.091	1636	1639	1641	rBV	4610	6233	0.77%	0.097%
82	14.131	1641	1644	1649	rVB	46638	50041	6.19%	0.779%
83	14.226	1650	1654	1657	rBV	27439	40340	4.99%	0.628%
84	14.282	1657	1661	1664	rBV	39192	41556	5.14%	0.647%
85	14.345	1664	1669	1674	rVV	29060	67033	8.29%	1.044%
86	14.401	1674	1676	1680	rVV	30898	32328	4.00%	0.503%
87	14.465	1680	1684	1687	rVV	41304	46656	5.77%	0.727%
88	14.569	1689	1697	1702	rVV	41158	121780	15.07%	1.896%
89	14.648	1704	1707	1712	rVB	25121	34720	4.30%	0.541%
90	14.792	1722	1725	1729	rBV	39896	42245	5.23%	0.658%
91	14.896	1734	1738	1745	rBV	643824	754042	93.29%	11.742%

LSC Area Percent Report

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On   : 9 Mar 2025 12:38 pm
Operator : SV107:slr
Sample   : WG2037999-1,32,,cmm
Misc   : wg2038279,WG2037999,ical22052
ALS Vial : 1   Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON   Filtering: 5
Sampling : 1   Min Area: 400 Area counts
Start Thrs: 0.2   Max Peaks: 100
Stop Thrs : 0   Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method   : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Title   : Semivolatiles by GC/MS by modified 8270

92	15.047	1753	1757	1762	rVB	21454	26570	3.29%	0.414%
93	15.111	1763	1765	1769	rBV	25755	31440	3.89%	0.490%
94	15.222	1773	1779	1785	rVB	33697	70025	8.66%	1.090%
95	15.430	1795	1805	1814	rVB3	76346	162207	20.07%	2.526%
96	15.740	1840	1843	1845	rBV2	9750	11367	1.41%	0.177%
97	15.794	1846	1850	1855	rVB2	21158	32549	4.03%	0.507%
98	16.062	1879	1885	1895	rVB2	32205	90464	11.19%	1.409%
99	16.185	1898	1901	1904	rBV3	12363	23681	2.93%	0.369%
100	16.231	1904	1907	1910	rBV5	17933	32294	4.00%	0.503%

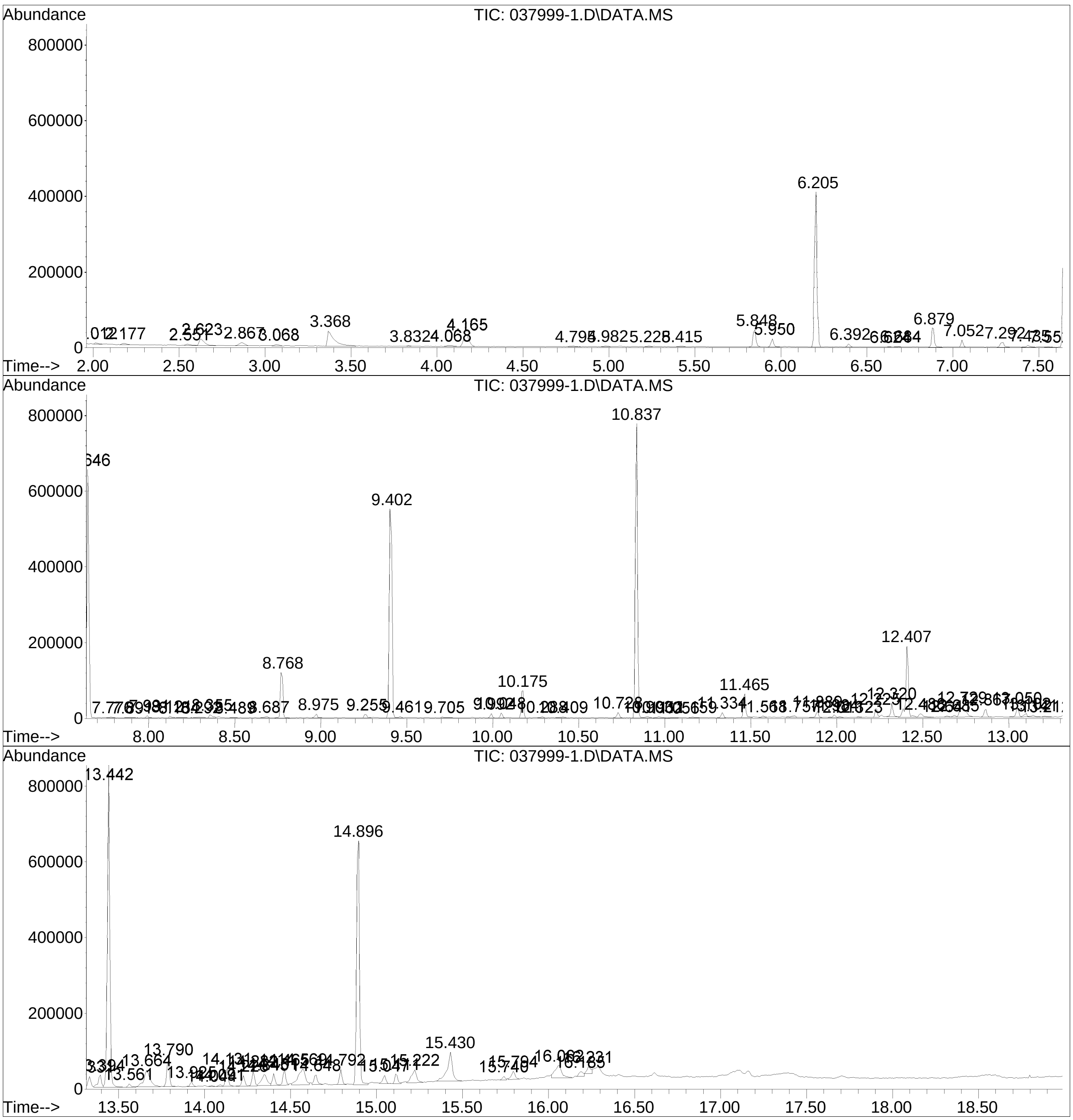
Sum of corrected areas: 6421579

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On : 9 Mar 2025 12:38 pm
Operator : SV107:slr
Sample : WG2037999-1,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On    :  9 Mar 2025  12:38 pm
Operator  : SV107:slr
Sample    : WG2037999-1,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 1   Sample Multiplier: 1

Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270

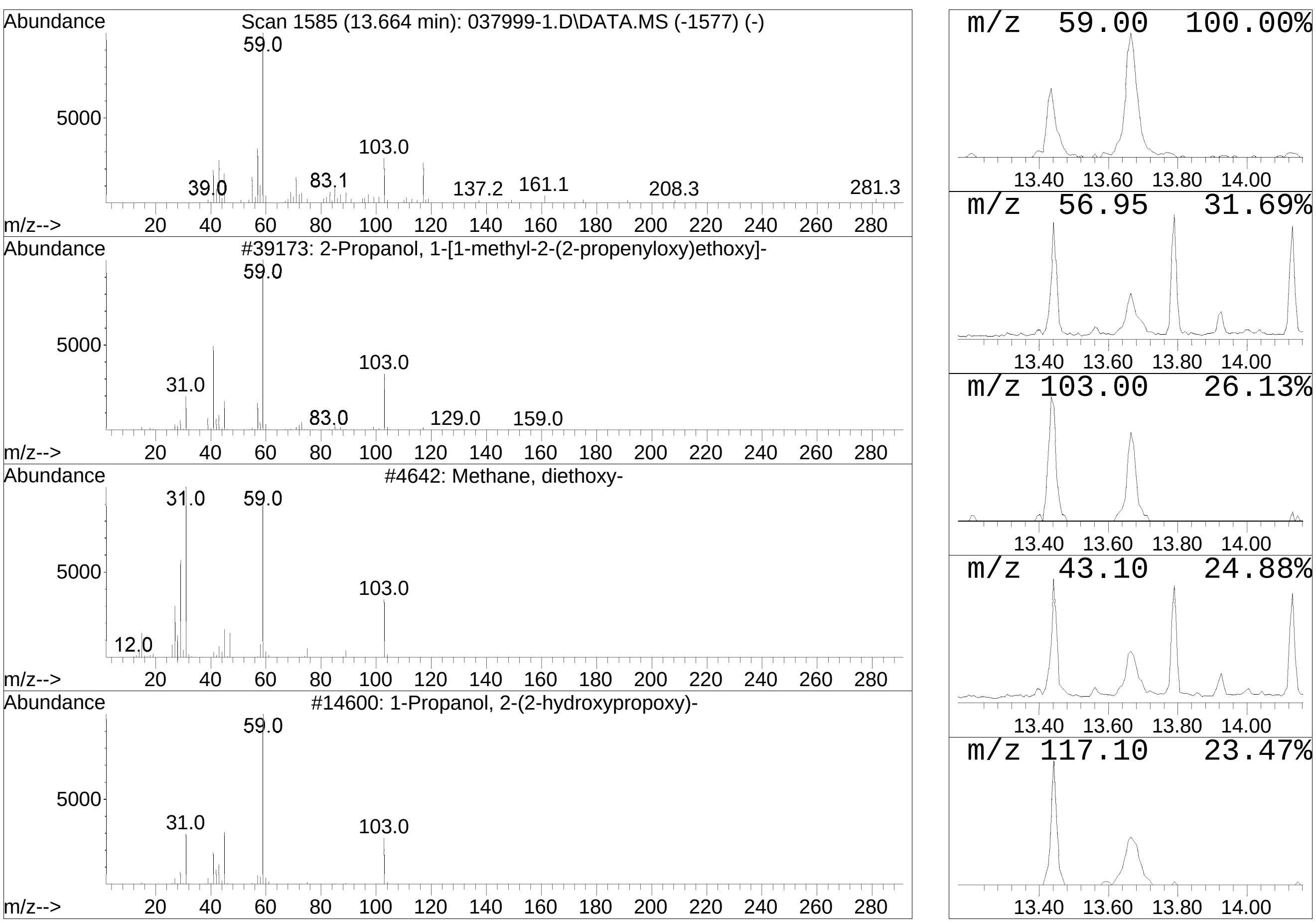
TIC Library   : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p
```

****

Peak Number 2 Unknown — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	0.55 ug/ml	111314	IS1_Chrysene-d12	13.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	53
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	52
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
4	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	50
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50



Library Search Compound Report

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On : 9 Mar 2025 12:38 pm
Operator : SV107:slr
Sample : WG2037999-1,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270

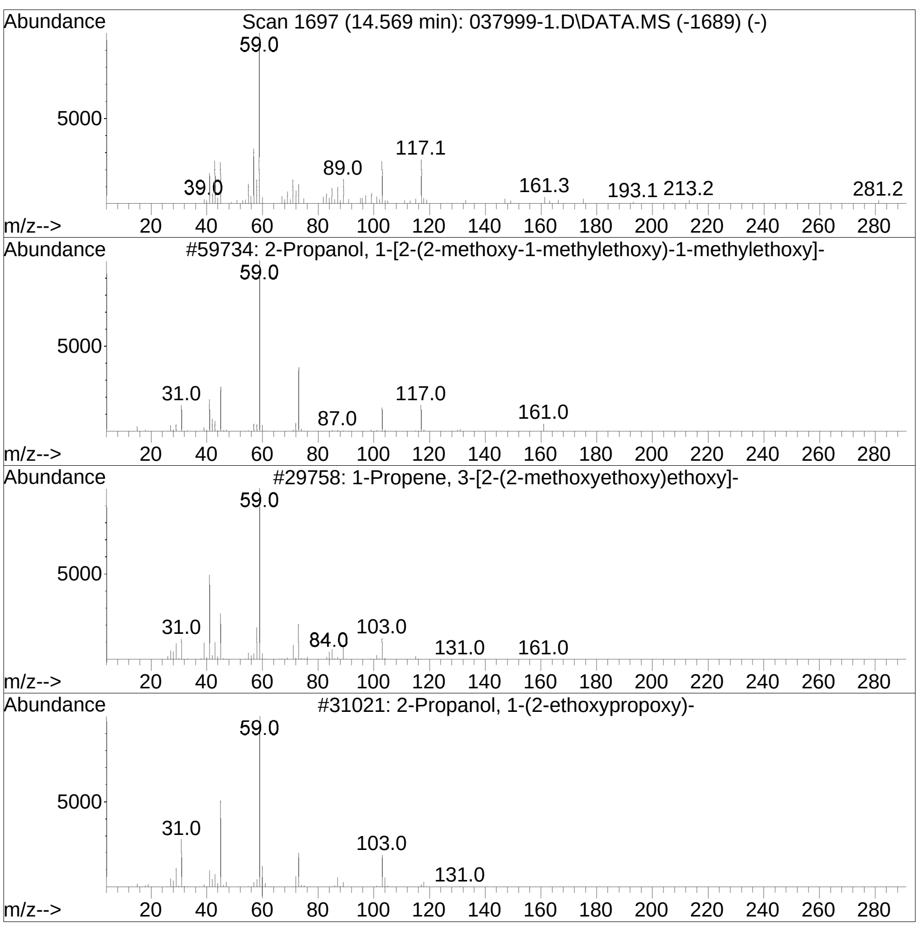
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

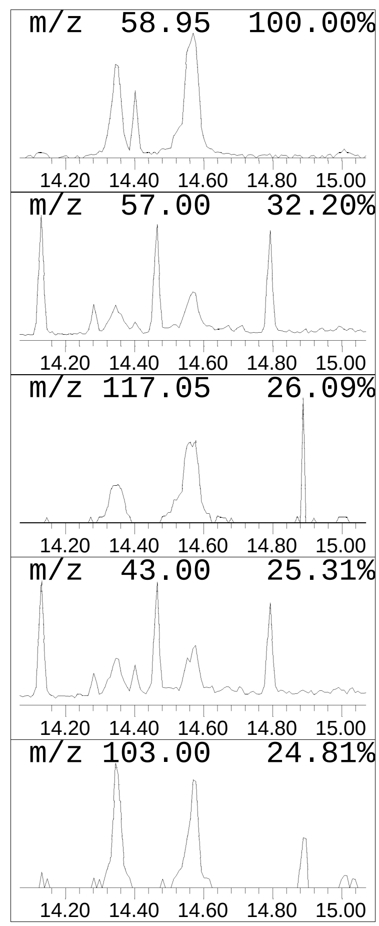
****

Peak Number 3 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.569	0.65 ug/ml	121780	IS1_Perylene-d12	14.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	59
2	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	59
3	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	53
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	49





Library Search Compound Report

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Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On    :  9 Mar 2025  12:38 pm
Operator  : SV107:slr
Sample    : WG2037999-1,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 1   Sample Multiplier: 1

Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270

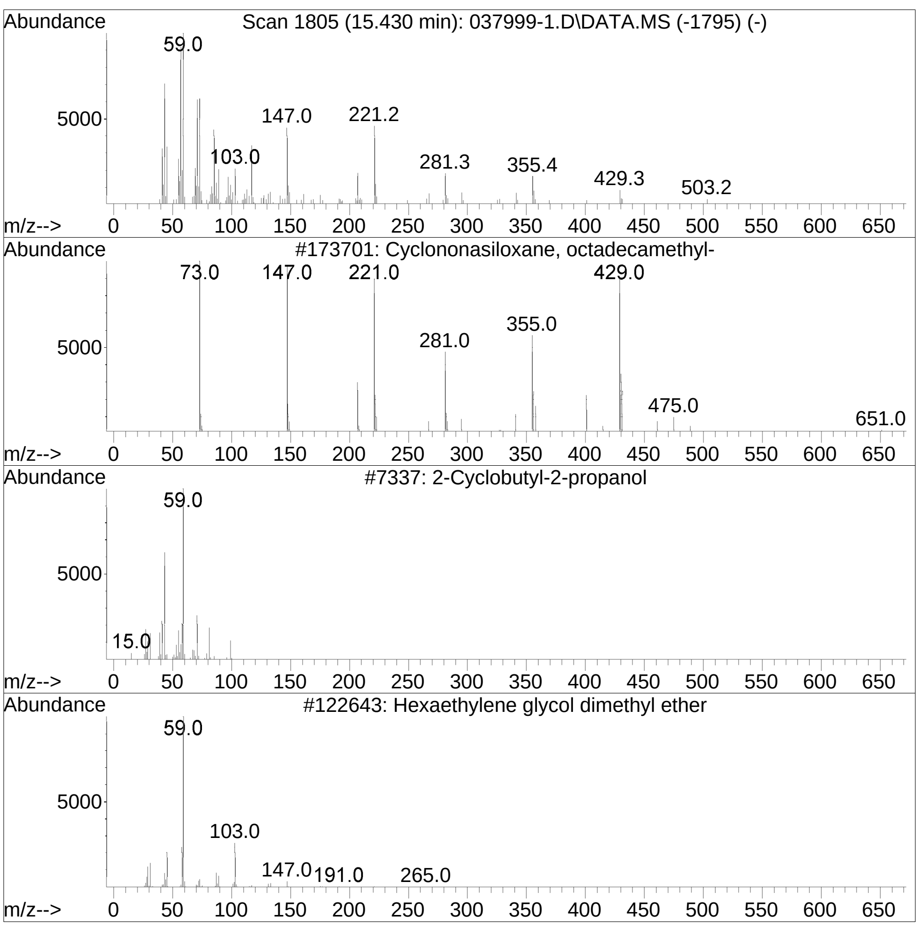
TIC Library   : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p
```

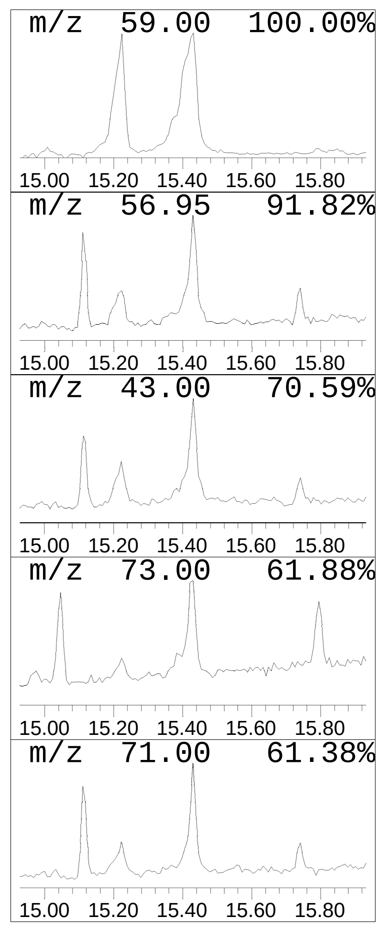
****

Peak Number 4 Unknown — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.430	0.86 ug/ml	162207	IS1_Perylene-d12	14.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	30
2	2-Cyclobutyl-2-propanol	114	C7H14O	059383-67-4	22
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	22
4	Propenoic acid, 3-[4-(2-methoxye...	267	C12H13NO6	284665-31-2	22
5	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	22





Library Search Compound Report

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Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On    :  9 Mar 2025  12:38 pm
Operator  : SV107:slr
Sample    : WG2037999-1,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 1   Sample Multiplier: 1

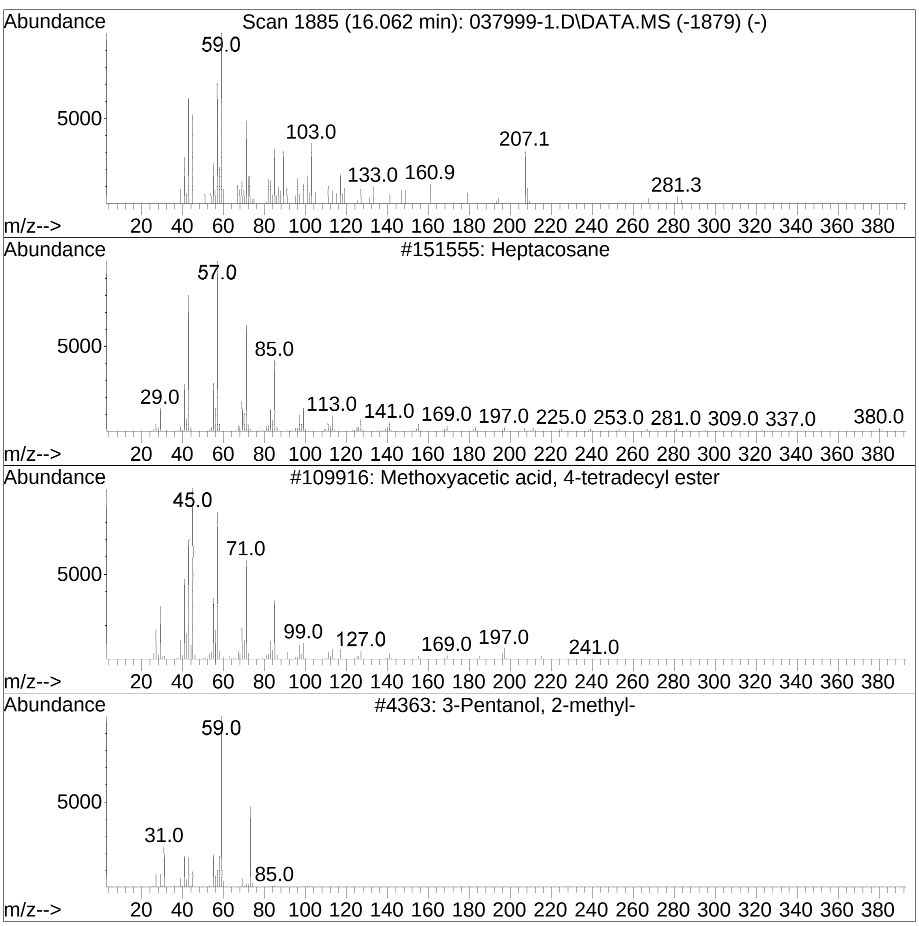
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270

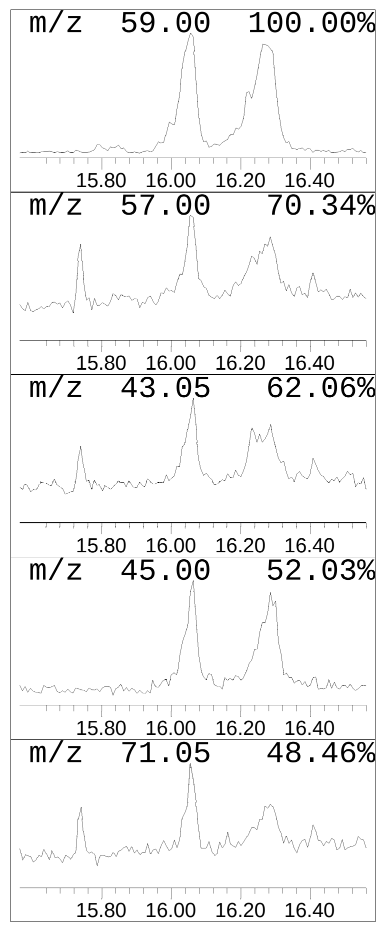
TIC Library   : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

**********************************************************************
Peak Number  5  Unknown                         Concentration Rank  5
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.062	0.48 ug/ml	90464	IS1_Perylene-d12	14.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	15
2	Methoxyacetic acid, 4-tetradecyl...	286	C17H34O3	1000282-05-0	14
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	14
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	11
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	11





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-1.D
Acq On : 9 Mar 2025 12:38 pm
Operator : SV107:slr
Sample : WG2037999-1,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	13.664	0.6	ug/ml	111314	12	13.442	808261	4.0
Unknown	14.569	0.6	ug/ml	121780	13	14.896	754042	4.0
Unknown	15.430	0.9	ug/ml	162207	13	14.896	754042	4.0
Unknown	16.062	0.5	ug/ml	90464	13	14.896	754042	4.0

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-2.D
Acq On    :  9 Mar 2025   1:03 pm
Operator  : SV107:slr
Sample    : WG2037999-2,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 10 14:03:43 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.205  152     66383     4.000 ug/ml    0.00
   Standard Area 1 = 98614                 Recovery   =   67.32%
27) IS2_1,4-Dichlorobenzen...   6.205  152     66383     4.000 ug/ml    0.00
   Standard Area 3 = 120276                 Recovery   =   55.19%
32) IS3_1,4-Dichlorobenzen...   6.205  152     66383     4.000 ug/ml    0.00
   Standard Area 2 = 105330                 Recovery   =   63.02%
35) IS1_Naphthalene-d8          7.646  136    238480     4.000 ug/ml    0.00
   Standard Area 1 = 354239                 Recovery   =   67.32%
55) IS2_Naphthalene-d8          7.646  136    238480     4.000 ug/ml    0.00
   Standard Area 3 = 418637                 Recovery   =   56.97%
63) IS1_Acenaphthene-d10        9.412  164    138969     4.000 ug/ml    0.00
   Standard Area 1 = 210099                 Recovery   =   66.14%
83) IS2_Acenaphthene-d10        9.412  164    138969     4.000 ug/ml    0.00
   Standard Area 3 = 236989                 Recovery   =   58.64%
86) IS3_Acenaphthene-d10        9.412  164    138969     4.000 ug/ml    0.00
   Standard Area 2 = 211502                 Recovery   =   65.71%
88) IS1_Phenanthrene-d10       10.837  188    275292     4.000 ug/ml    0.00
   Standard Area 1 = 411555                 Recovery   =   66.89%
100) IS3_Phenanthrene-d10      10.837  188    275292     4.000 ug/ml  # 0.00
   Standard Area 2 = 444075                 Recovery   =   61.99%
104) IS1_Chrysene-d12          13.442  240    248677     4.000 ug/ml    0.00
   Standard Area 1 = 416424                 Recovery   =   59.72%
113) IS1_Perylene-d12          14.895  264    251958     4.000 ug/ml    0.00
   Standard Area 1 = 407947                 Recovery   =   61.76%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.172  112     24881     1.476 ug/ml   0.01
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   73.80%
 7) Phenol-d6                   5.848   99     22492     1.095 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   54.75%
19) Nitrobenzene-d5             6.879   82     16802     0.899 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   89.90%
46) 2-Fluorobiphenyl            8.777  172     43097     0.736 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   73.60%
79) 2,4,6-Tribromophenol       10.175  330     10319     1.475 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   73.75%
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-2.D
Acq On : 9 Mar 2025 1:03 pm
Operator : SV107:slr
Sample : WG2037999-2,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 14:03:43 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
96) 4-Terphenyl-d14	12.414	244	60669	0.913 ug/ml	0.00

Spiked Amount 1.000 Range 30 - 130 Recovery = 91.30%

Target Compounds					Qvalue
6) 2-Chlorophenol	5.941	128	38604	2.044 ug/ml	92
8) Phenol	5.856	94	28348	1.229 ug/ml	99
9) Bis(2-chloroethyl)ether	5.933	93	38138	2.074 ug/ml#	85
10) 1,3-Dichlorobenzene	6.128	146	28068	1.124 ug/ml	98
11) 1,4-Dichlorobenzene	6.222	146	29388	1.141 ug/ml	98
12) 1,2-Dichlorobenzene	6.409	146	29499	1.210 ug/ml	95
13) Benzyl alcohol	6.426	79	29333	2.079 ug/ml	98
14) Bis(2-chloroisopropyl)...	6.609	45	67025	2.230 ug/ml#	56
15) 2-Methylphenol	6.609	108	37617	2.220 ug/ml	95
16) Hexachloroethane	6.796	117	8913	1.036 ug/ml#	59
17) n-Nitrosodi-n-propylamine	6.759	70	26973	2.020 ug/ml	95
18) 3-Methylphenol/4-Methy...	6.796	108	33400	1.868 ug/ml	88
20) Nitrobenzene	6.901	77	37263	1.970 ug/ml	99
21) Isophorone	7.187	82	69866	1.922 ug/ml	98
22) 2-Nitrophenol	7.262	139	17776	1.985 ug/ml	91
23) 2,4-Dimethylphenol	7.367	107	23214	1.205 ug/ml	98
24) Bis(2-chloroethoxy)met...	7.457	93	61841	2.346 ug/ml	98
25) 2,4-Dichlorophenol	7.531	162	38900	1.987 ug/ml#	94
26) 1,2,4-Trichlorobenzene	7.603	180	28186	1.120 ug/ml	97
29) Acetophenone	6.721	105	59344	2.430 ug/ml#	88
36) Naphthalene	7.667	128	90571	1.478 ug/ml	99
37) Benzoic Acid	7.442	105	12472	1.746 ug/ml	94
38) 4-Chloroaniline	7.761	65	8144M3	1.052 ug/ml	
39) Hexachlorobutadiene	7.840	225	12767	0.868 ug/ml	95
40) p-Chloro-m-cresol	8.292	107	33161	2.036 ug/ml	95
41) 2-Methylnaphthalene	8.390	142	56718	1.449 ug/ml	95
43) Hexachlorocyclopentadiene	8.561	237	13456	0.813 ug/ml#	98
44) 2,4,6-Trichlorophenol	8.687	196	30234	1.918 ug/ml	97
45) 2,4,5-Trichlorophenol	8.723	196	32952	2.006 ug/ml	99
47) 2-Chloronaphthalene	8.867	162	73648	1.555 ug/ml	98
48) 2-Nitroaniline	8.984	138	21605	1.866 ug/ml	92
51) Dimethyl phthalate	9.186	163	105661	1.841 ug/ml#	99
52) Acenaphthylene	9.265	152	131434	1.820 ug/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-2.D
Acq On : 9 Mar 2025 1:03 pm
Operator : SV107:slr
Sample : WG2037999-2,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 14:03:43 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 2,6-Dinitrotoluene	9.235	165	19347	1.798 ug/ml#	81
61) 1,2,4,5-Tetrachloroben...	8.561	216	36832	1.444 ug/ml	98
62) Biphenyl	8.867	154	94902	1.642 ug/ml	98
64) 3-Nitroaniline	9.382	138	19495	2.158 ug/ml#	96
65) Acenaphthene	9.441	154	72573	1.930 ug/ml	92
66) 2,4-Dinitrophenol	9.490	184	10382	2.307 ug/ml	91
67) Dibenzofuran	9.607	168	129634	2.021 ug/ml	92
68) 2,4-Dinitrotoluene	9.617	165	27174	2.073 ug/ml#	86
69) 4-Nitrophenol	9.578	65	12461	1.791 ug/ml#	1
72) Diethyl phthalate	9.879	149	102631	2.217 ug/ml	97
73) Fluorene	9.936	166	100881	2.031 ug/ml	92
74) 4-Chlorophenyl phenyl ...	9.964	204	51230	2.011 ug/ml#	87
75) 4-Nitroaniline	9.971	138	19868	2.323 ug/ml	88
76) 4,6-Dinitro-o-cresol	10.013	198	14561	2.159 ug/ml#	62
77) NDPA/DPA	10.076	169	87035	2.087 ug/ml	94
80) 4-Bromophenyl phenyl e...	10.431	248	28457	1.864 ug/ml#	88
81) Hexachlorobenzene	10.476	284	29848	1.675 ug/ml#	87
82) Pentachlorophenol	10.677	266	18673	1.918 ug/ml	98
89) Phenanthrene	10.859	178	167735	2.158 ug/ml	99
90) Anthracene	10.910	178	166749	2.242 ug/ml	99
91) Carbazole	11.078	167	155665	2.326 ug/ml	98
92) Di-n-butylphthalate	11.473	149	171668	2.503 ug/ml	99
93) Fluoranthene	12.006	202	198365	2.331 ug/ml#	91
95) Pyrene	12.217	202	204093	2.286 ug/ml	99
97) Butyl benzyl phthalate	12.933	149	73934	2.448 ug/ml	88
105) Benzo(a)anthracene	13.434	228	189462	2.440 ug/ml	99
106) 3,3'-Dichlorobenzidine	13.442	252	42501	1.697 ug/ml	99
107) Chrysene	13.474	228	183645	2.396 ug/ml	97
108) Bis(2-ethylhexyl)phtha...	13.568	149	112545	2.658 ug/ml#	94
109) Di-n-octylphthalate	14.234	149	219479	3.205 ug/ml#	71
110) Benzo(b)fluoranthene	14.529	252	198480	2.637 ug/ml#	95
111) Benzo(k)fluoranthene	14.553	252	165310	2.535 ug/ml#	94
112) Benzo(a)pyrene	14.840	252	163892	2.613 ug/ml#	95
114) Indeno(1,2,3-cd)pyrene	15.863	276	170723M6	2.697 ug/mL	
115) Dibenzo(a,h)anthracene	15.886	278	157969	2.507 ug/ml#	93
116) Benzo(ghi)perylene	16.085	276	154568	2.428 ug/ml#	92

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-2.D
Acq On    :  9 Mar 2025   1:03 pm
Operator  : SV107:slr
Sample    : WG2037999-2,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 10 14:03:43 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-2.D
Acq On    :  9 Mar 2025   1:03 pm
Operator  : SV107:slr
Sample    : WG2037999-2,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 10 14:03:43 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

Sub List     : 8270TCL_REV2 - TCL/CT/MARVTa\AP90309.D•
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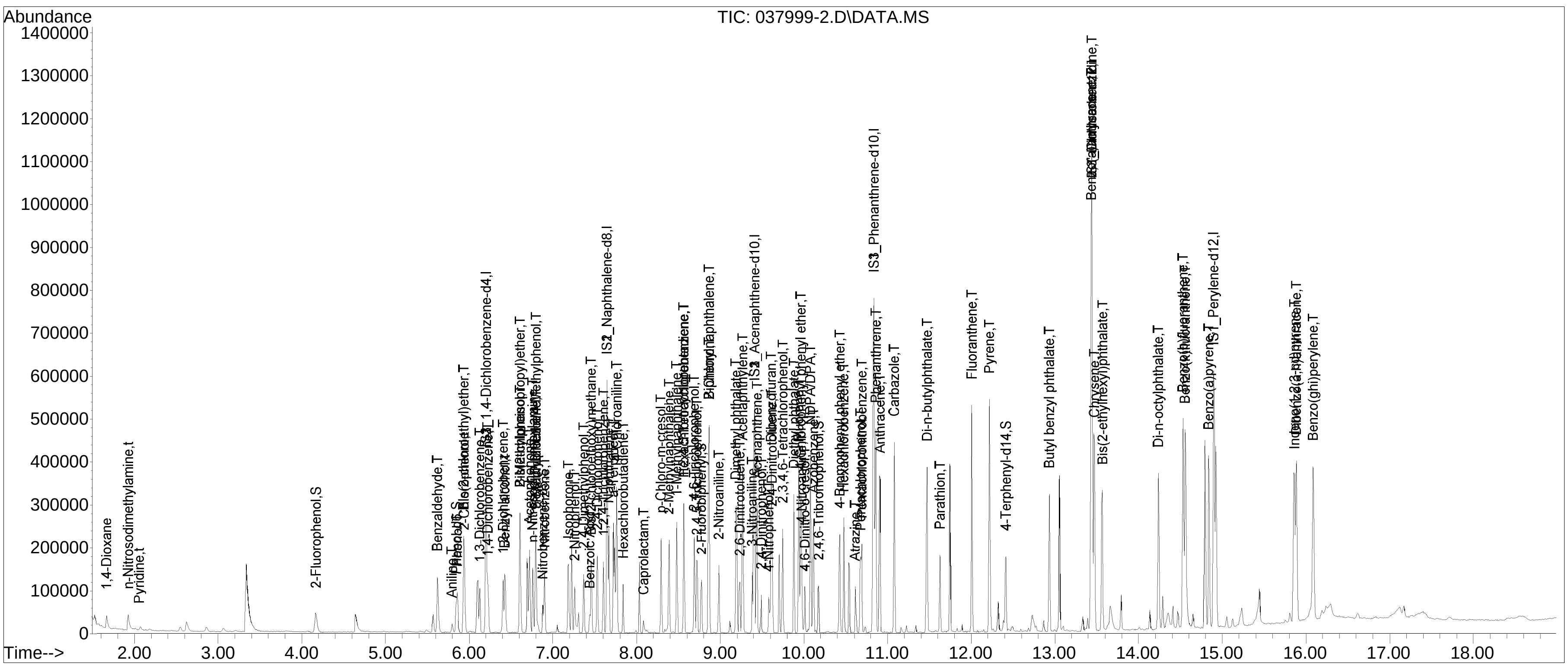
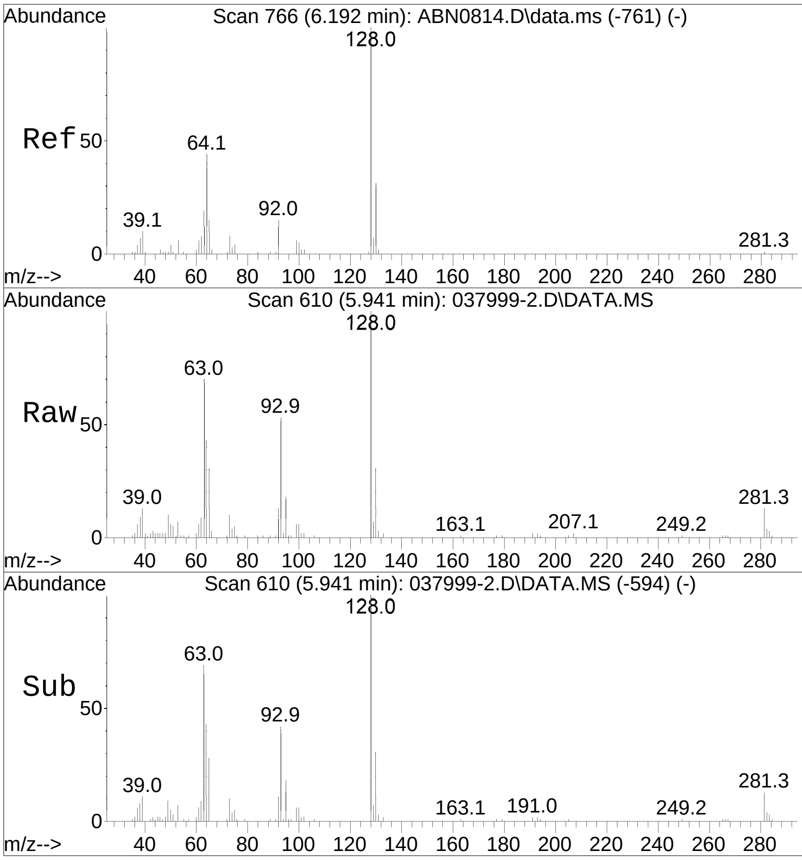
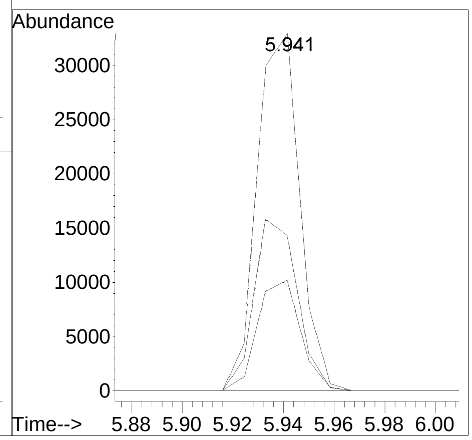


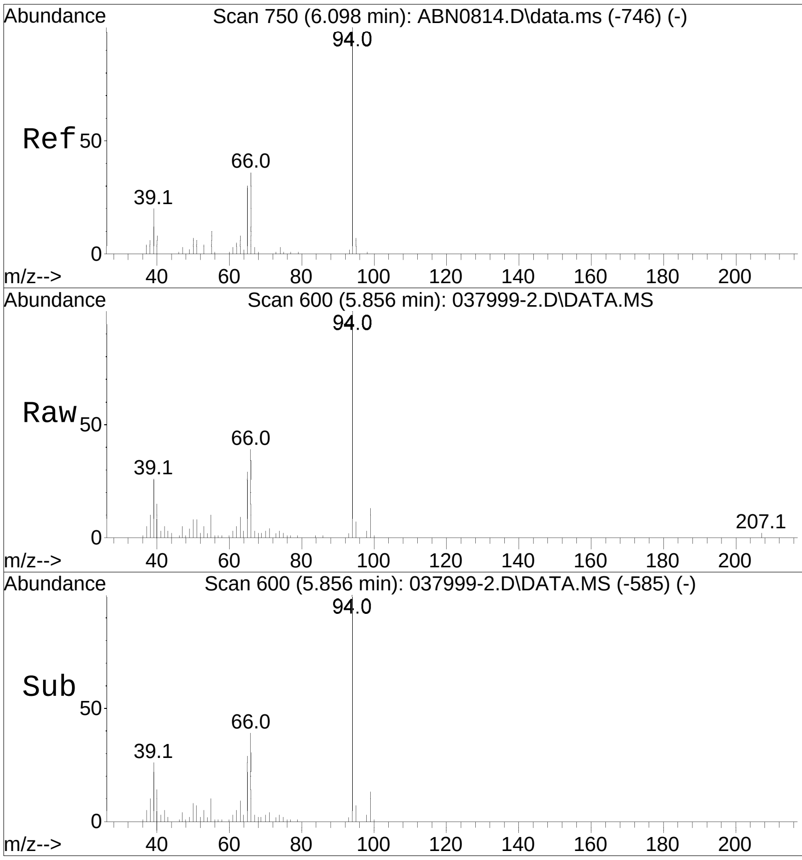


#6
2-Chlorophenol
Concen: 2.04 ug/ml
RT: 5.941 min Scan# 610
Delta R.T. 0.008 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:128 Resp: 38604

Ion	Ratio	Lower	Upper
128	100		
64	48.6	45.1	67.7
130	31.3	26.2	39.4

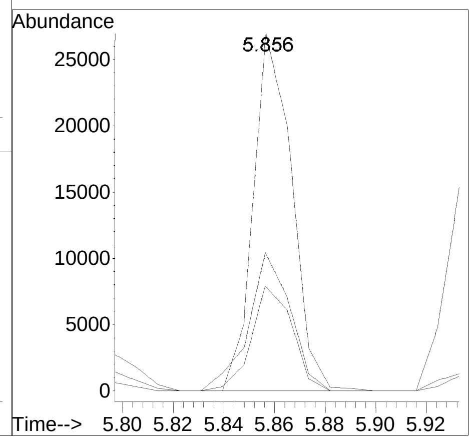


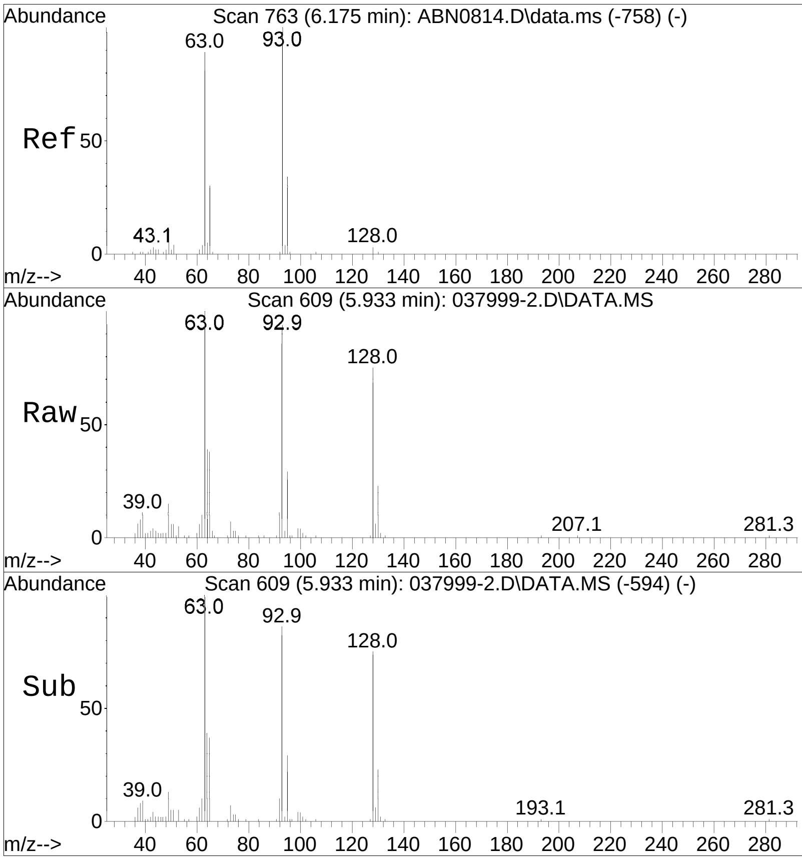


#8
Phenol
Concen: 1.23 ug/ml
RT: 5.856 min Scan# 600
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion: 94 Resp: 28348

Ion	Ratio	Lower	Upper
94	100		
65	31.0	26.0	39.0
66	42.2	33.8	50.8

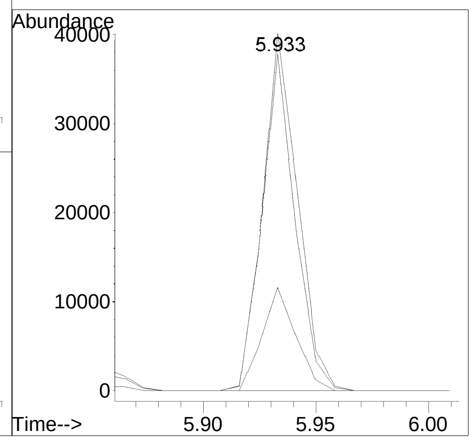


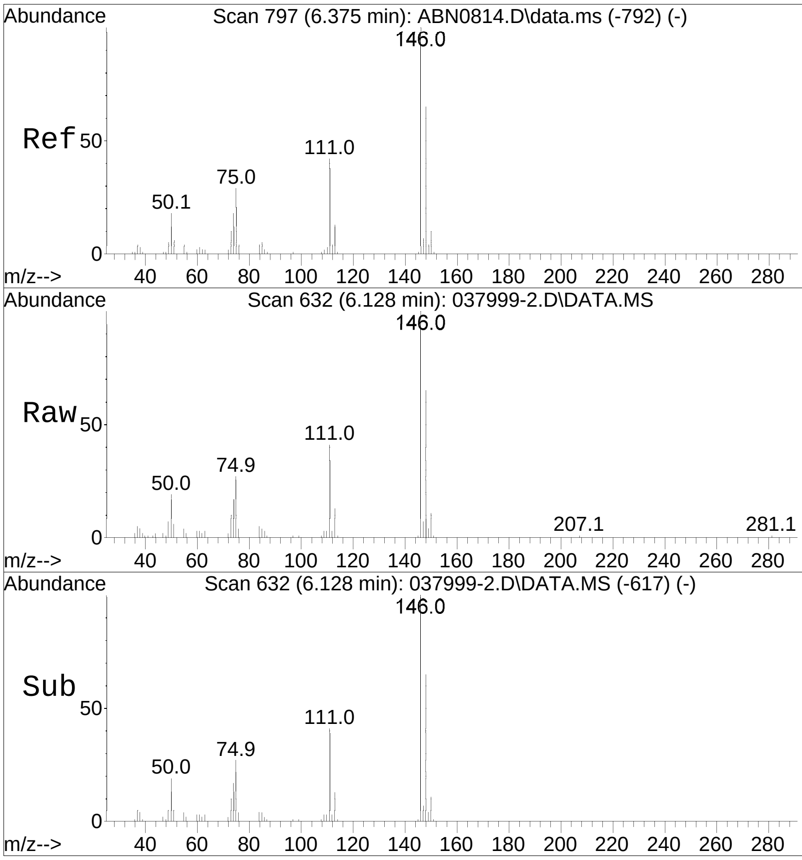


#9
Bis(2-chloroethyl)ether
Concen: 2.07 ug/ml
RT: 5.933 min Scan# 609
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion: 93 Resp: 38138

Ion	Ratio	Lower	Upper
93	100		
63	112.2	74.6	111.8#
95	31.6	25.9	38.9

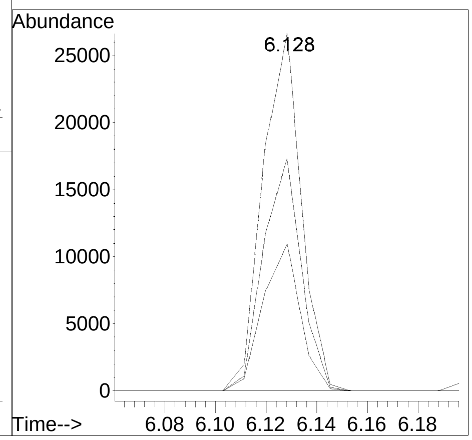


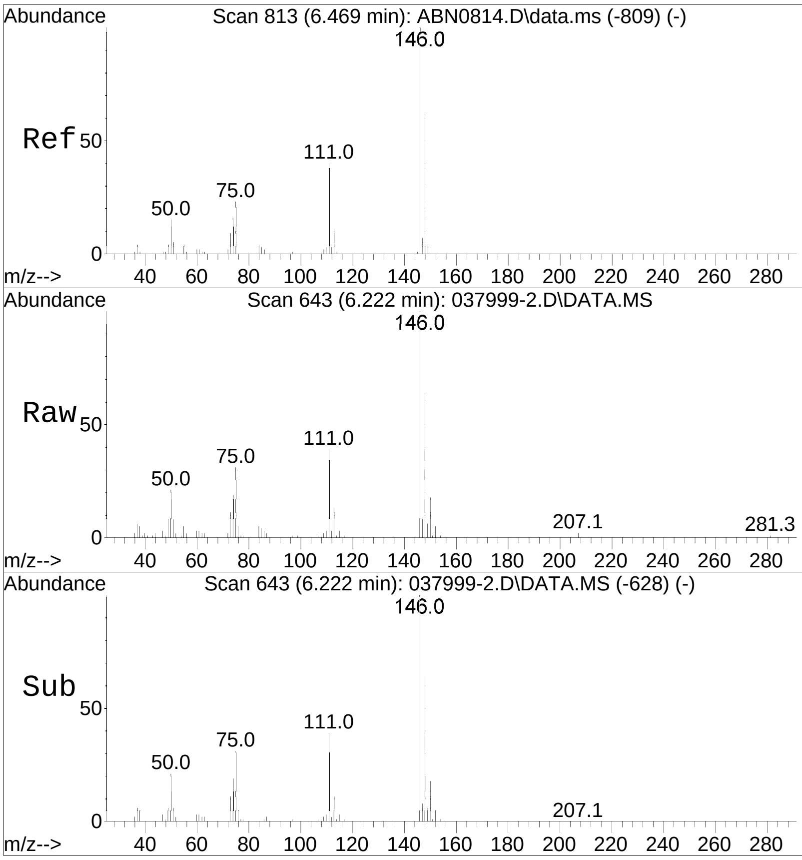


#10
1,3-Dichlorobenzene
Concen: 1.12 ug/ml
RT: 6.128 min Scan# 632
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:146 Resp: 28068

Ion	Ratio	Lower	Upper
146	100		
111	40.2	34.3	51.5
148	64.5	50.8	76.2

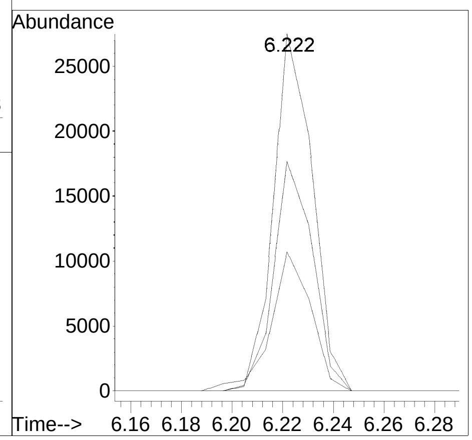


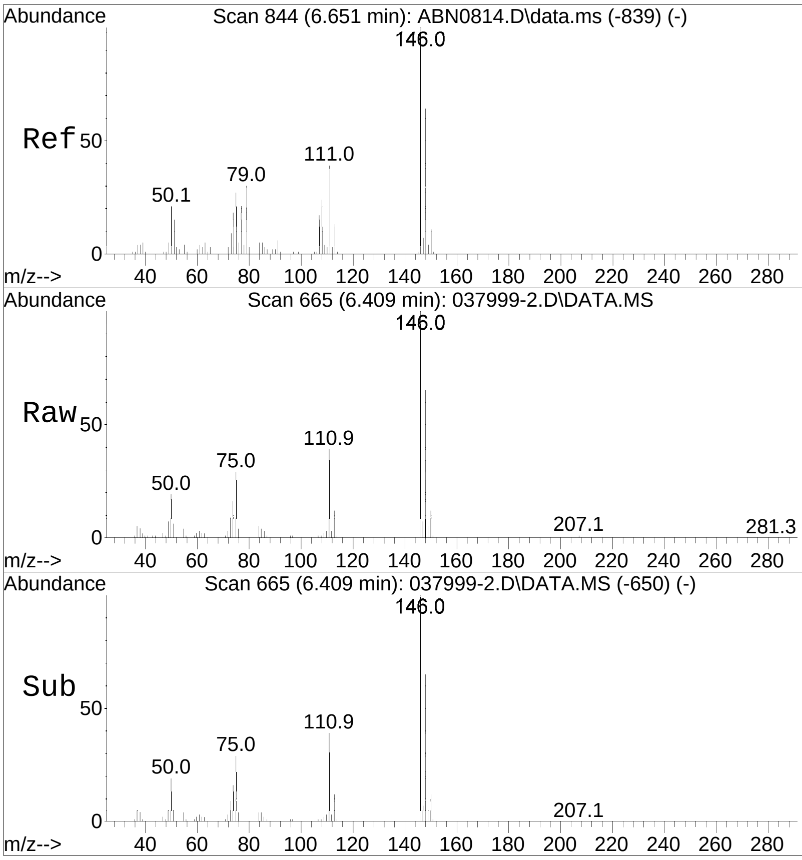


#11
1,4-Dichlorobenzene
Concen: 1.14 ug/ml
RT: 6.222 min Scan# 643
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:146 Resp: 29388

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.7	76.1
111	40.4	33.4	50.0

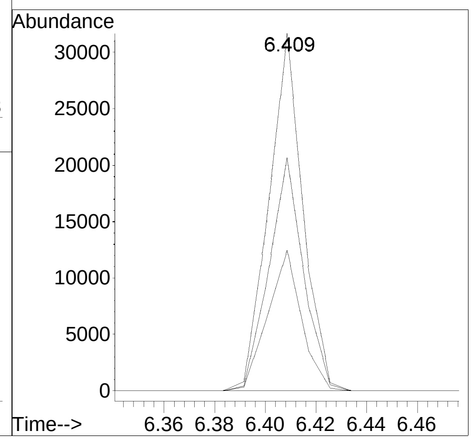


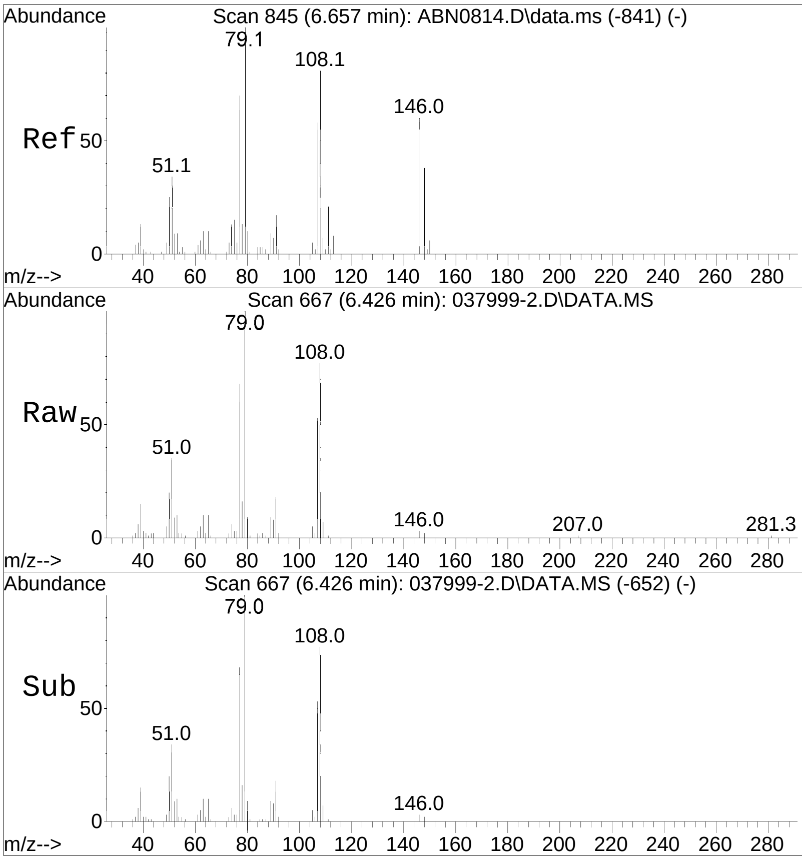


#12
1,2-Dichlorobenzene
Concen: 1.21 ug/ml
RT: 6.409 min Scan# 665
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:146 Resp: 29499

Ion	Ratio	Lower	Upper
146	100		
111	39.2	34.6	52.0
148	66.1	50.2	75.4

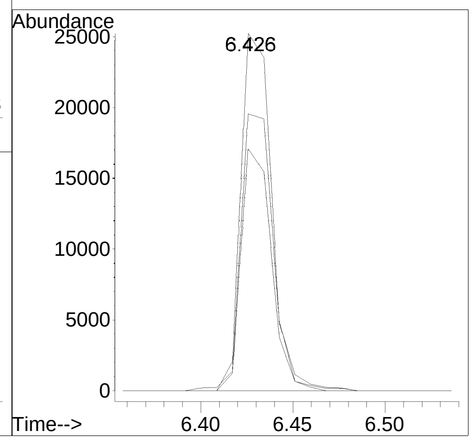


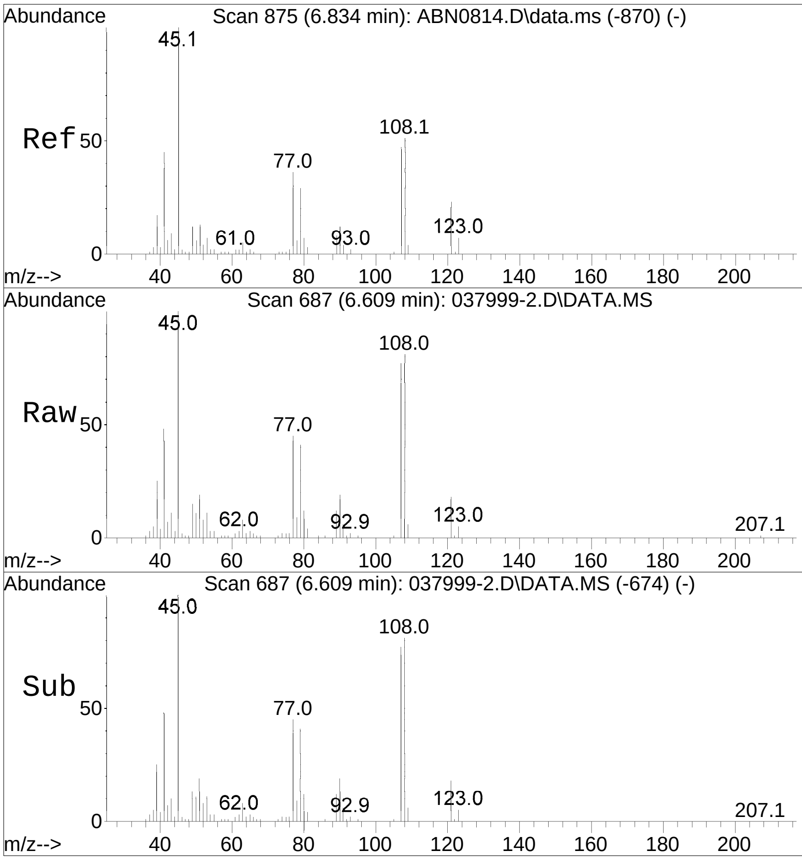


#13
Benzyl alcohol
Concen: 2.08 ug/ml
RT: 6.426 min Scan# 667
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025   1:03 pm

Tgt Ion: 79 Resp: 29333

Ion	Ratio	Lower	Upper
79	100		
77	67.5	54.9	82.3
108	80.5	63.1	94.7

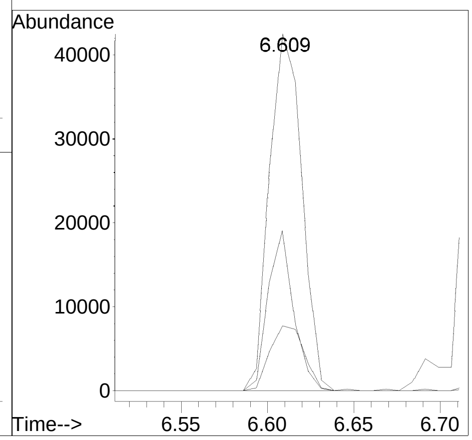


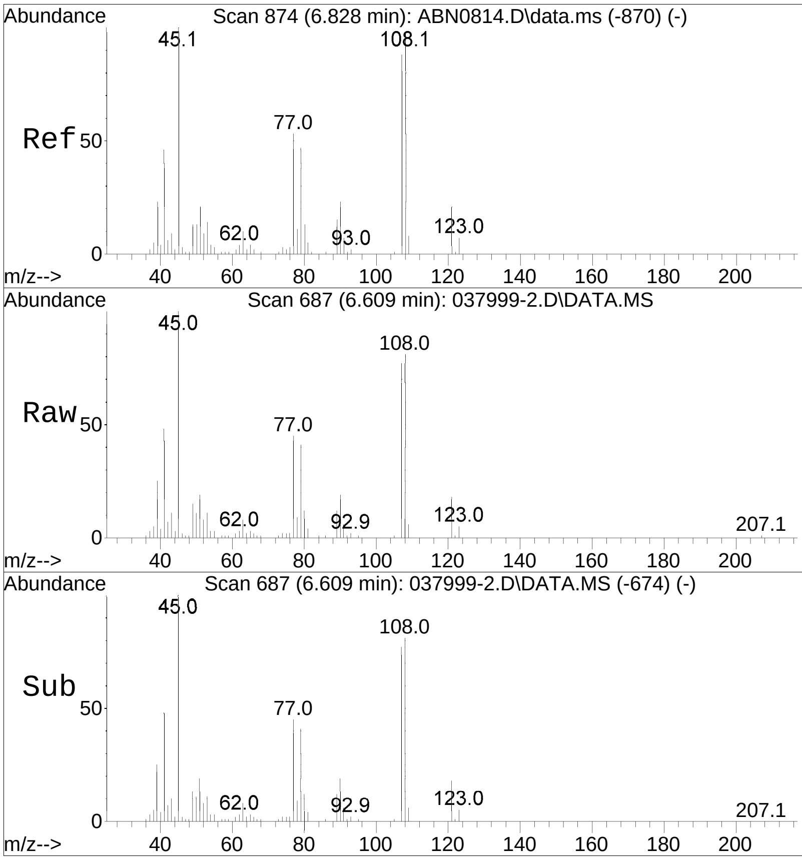


#14
Bis(2-chloroisopropyl)ether
Concen: 2.23 ug/ml
RT: 6.609 min Scan# 687
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion: 45 Resp: 67025

Ion	Ratio	Lower	Upper
45	100		
121	19.9	9.8	14.6#
77	36.7	6.1	9.1#

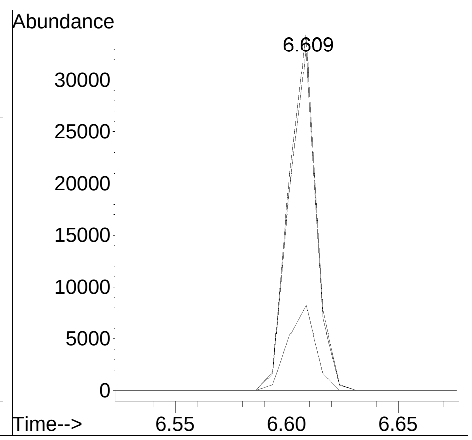


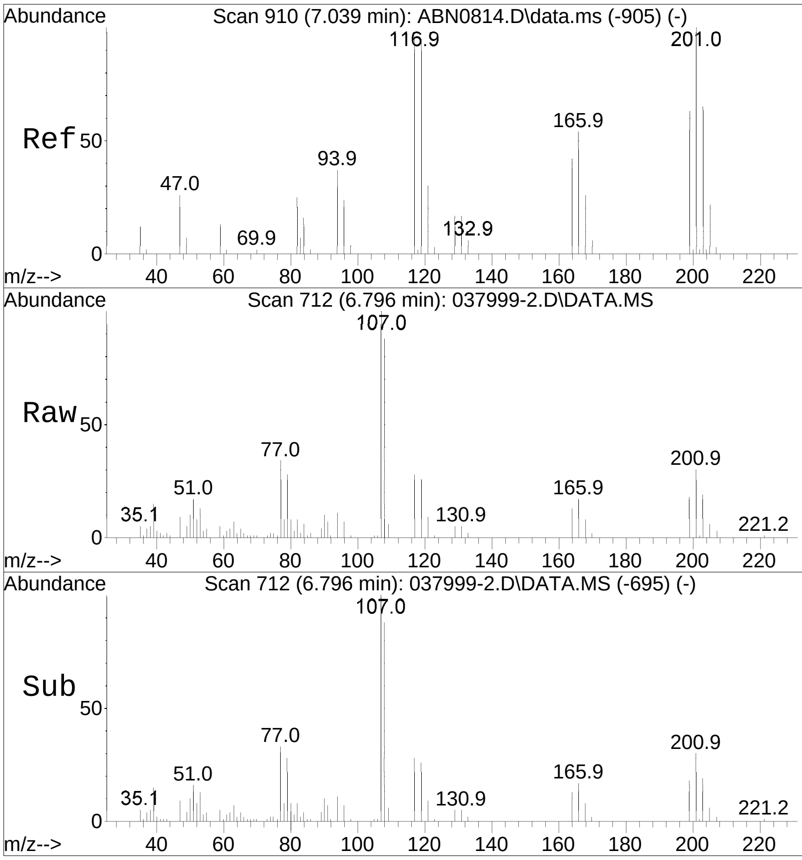


#15
2-Methylphenol
Concen: 2.22 ug/ml
RT: 6.609 min Scan# 687
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:108 Resp: 37617

Ion	Ratio	Lower	Upper
108	100		
107	93.9	70.7	106.1
90	24.8	18.7	28.1

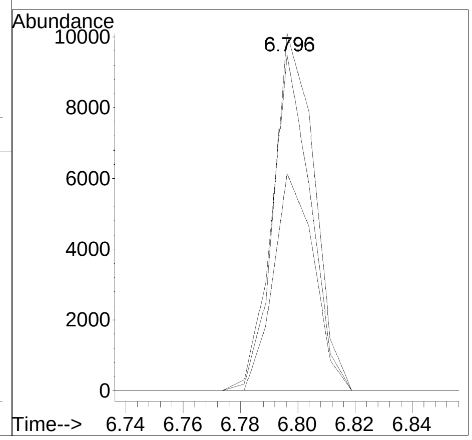


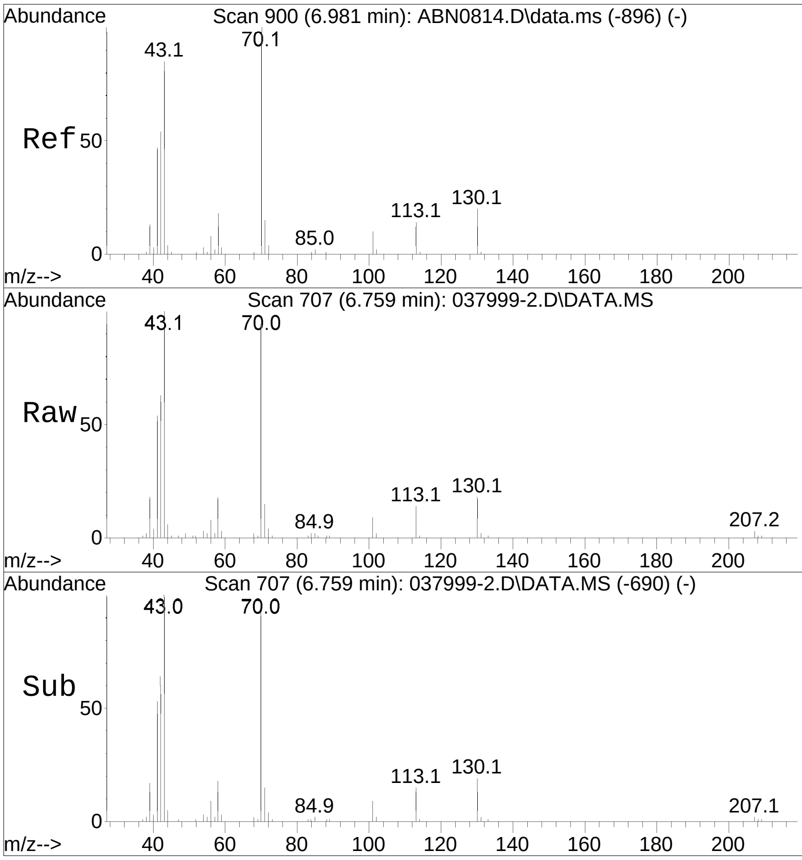


#16
Hexachloroethane
Concen: 1.04 ug/ml
RT: 6.796 min Scan# 712
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:117 Resp: 8913

Ion	Ratio	Lower	Upper
117	100		
201	111.8	58.6	87.8#
199	68.0	36.9	55.3#

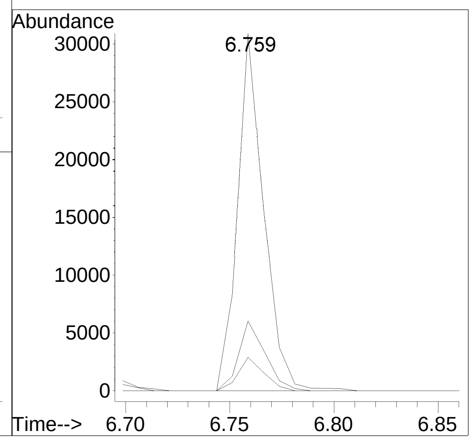


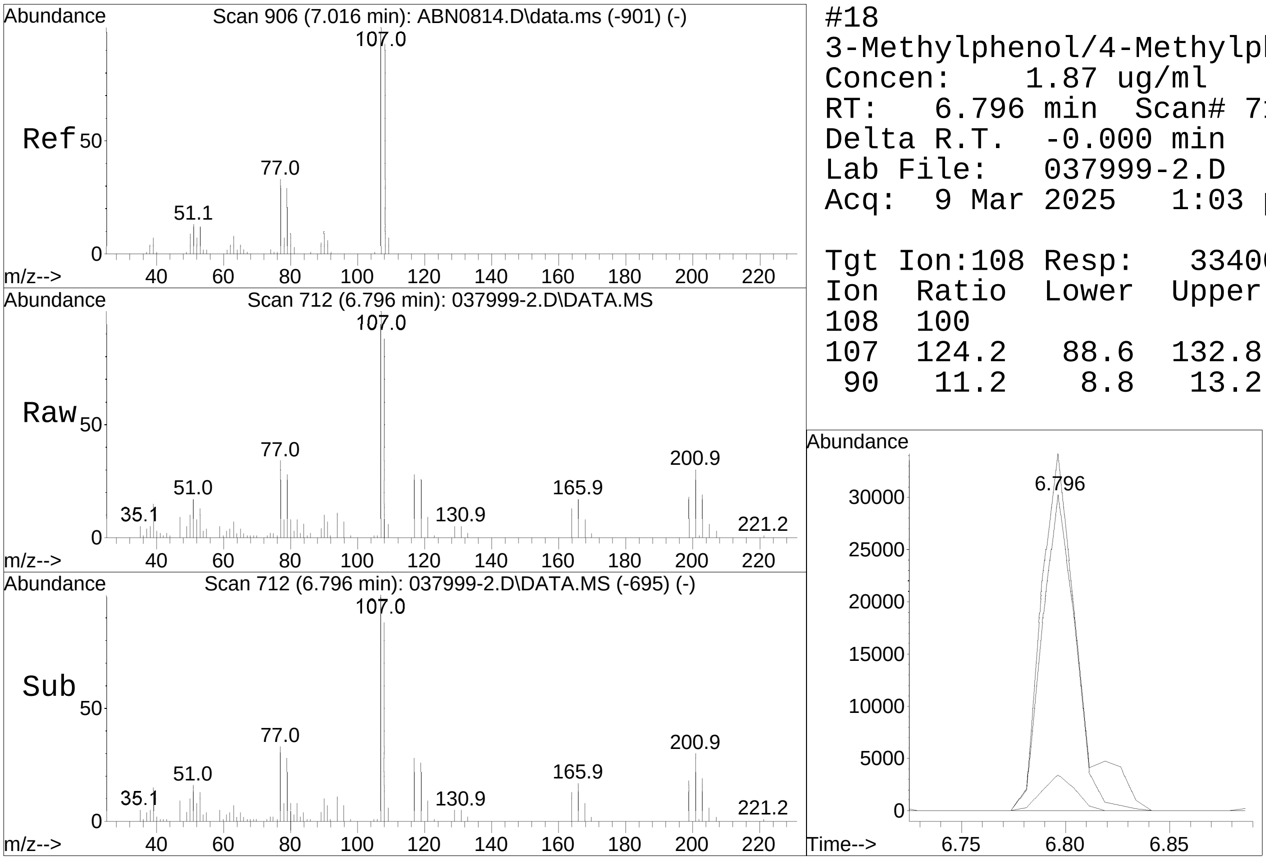


#17
n-Nitrosodi-n-propylamine
Concen: 2.02 ug/ml
RT: 6.759 min Scan# 707
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion: 70 Resp: 26973

Ion	Ratio	Lower	Upper
70	100		
130	19.8	18.2	27.4
101	9.3	7.8	11.8

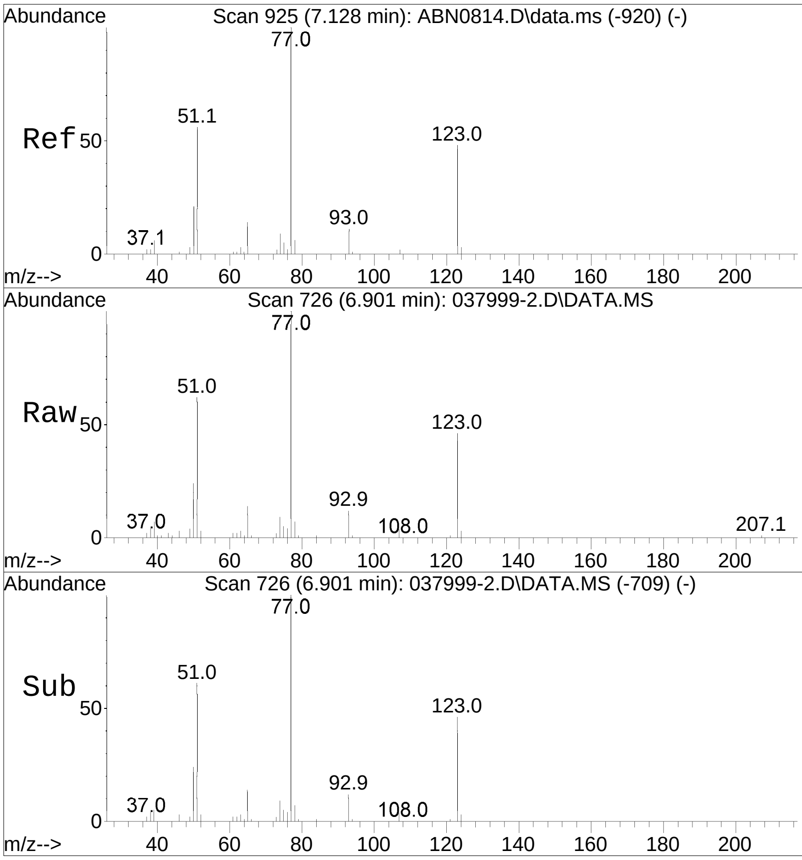




#18
3-Methylphenol/4-Methylphenol
Concen: 1.87 ug/ml
RT: 6.796 min Scan# 712
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:108 Resp: 33400

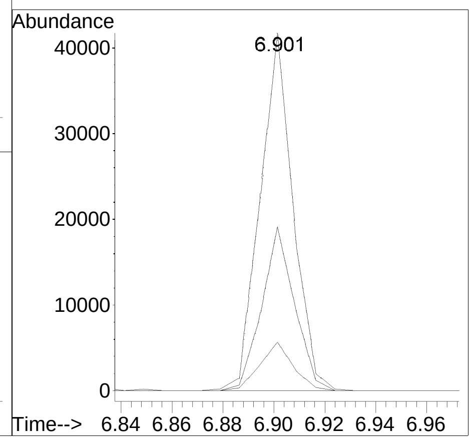
Ion	Ratio	Lower	Upper
108	100		
107	124.2	88.6	132.8
90	11.2	8.8	13.2

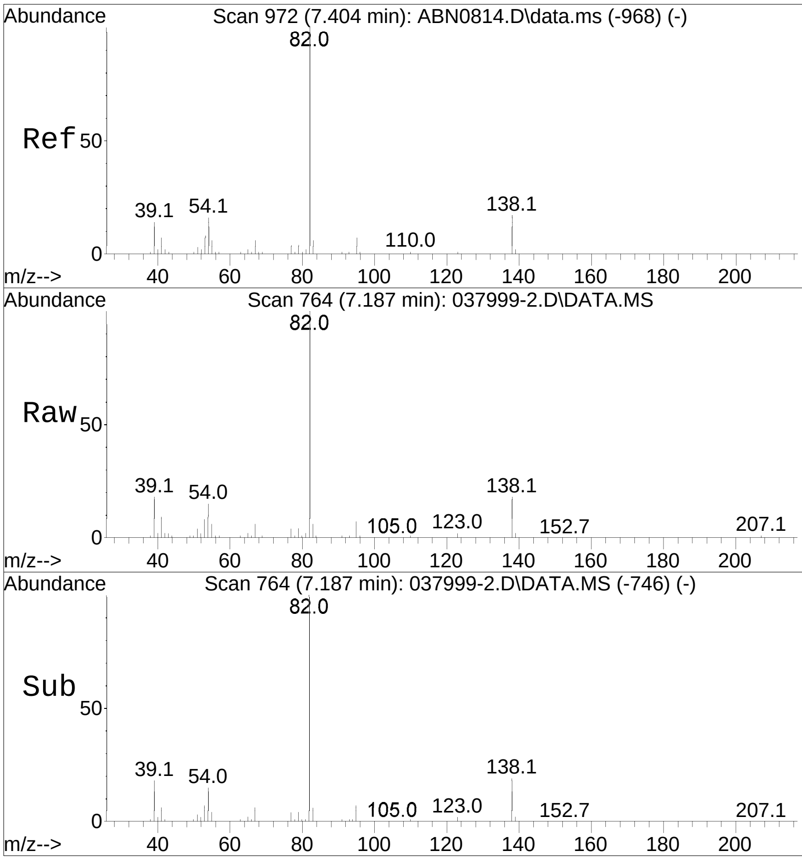


#20
Nitrobenzene
Concen: 1.97 ug/ml
RT: 6.901 min Scan# 726
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion: 77 Resp: 37263

Ion	Ratio	Lower	Upper
77	100		
123	45.7	36.3	54.5
65	13.8	11.6	17.4

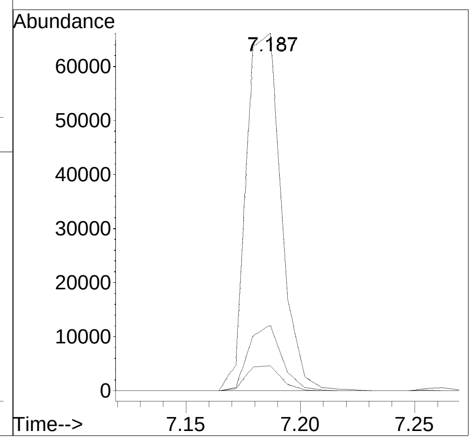


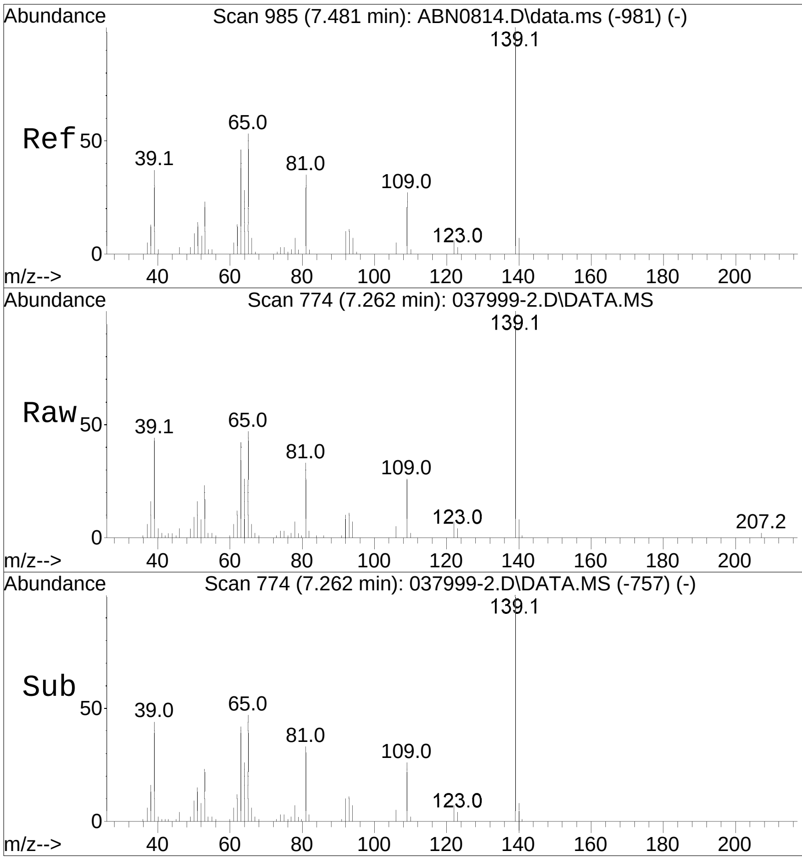


#21
Isophorone
Concen: 1.92 ug/ml
RT: 7.187 min Scan# 764
Delta R.T. 0.007 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion: 82 Resp: 69866

Ion	Ratio	Lower	Upper
82	100		
138	17.4	14.7	22.1
95	7.0	5.2	7.8

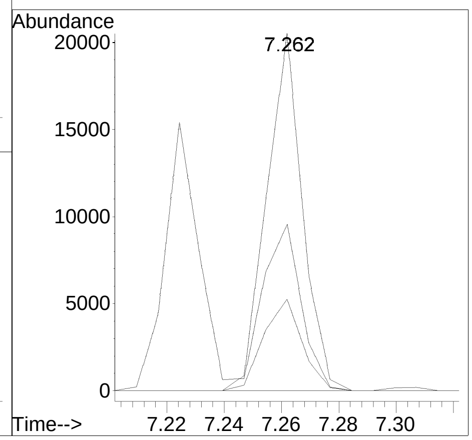


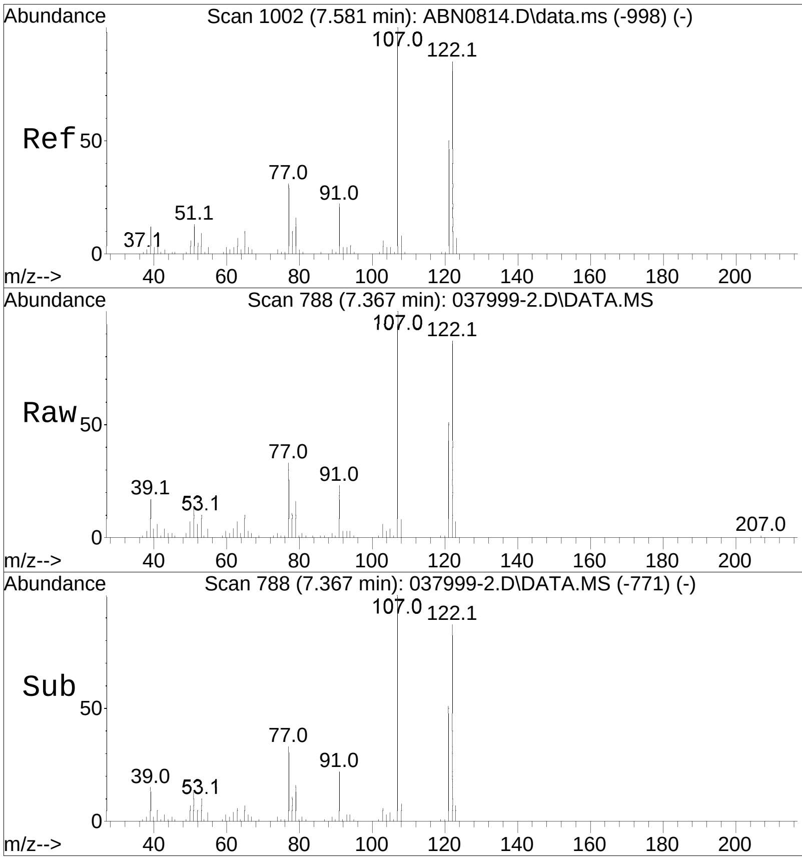


#22
2-Nitrophenol
Concen: 1.98 ug/ml
RT: 7.262 min Scan# 774
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:139 Resp: 17776

Ion	Ratio	Lower	Upper
139	100		
109	27.6	19.4	29.0
65	50.7	46.1	69.1

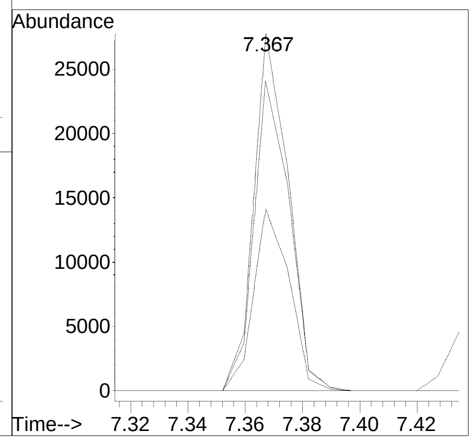


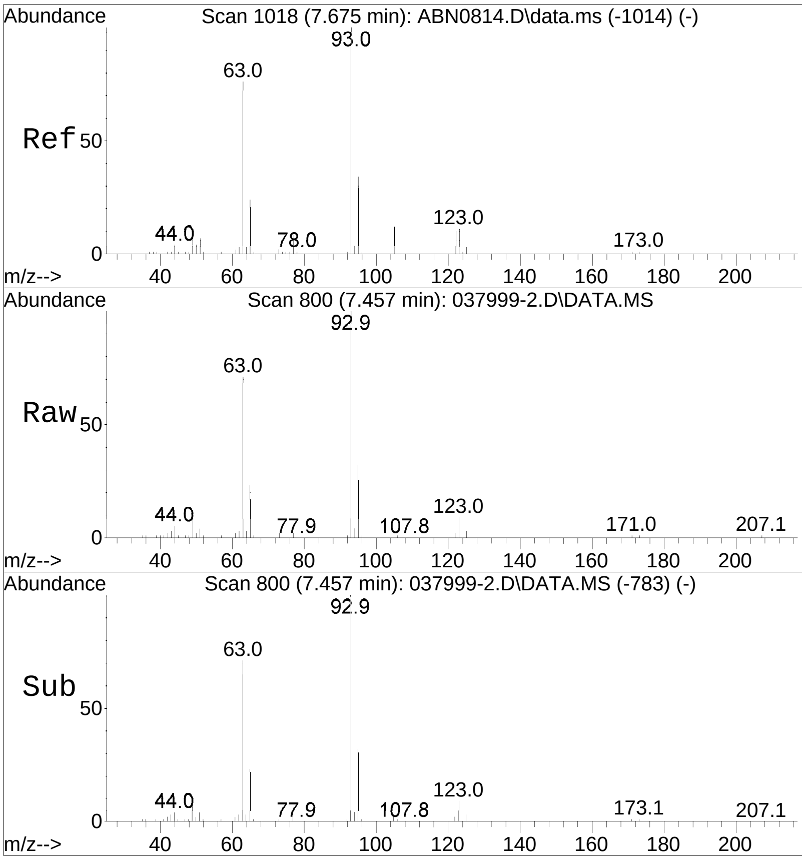


#23
2,4-Dimethylphenol
Concen: 1.20 ug/ml
RT: 7.367 min Scan# 788
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:107 Resp: 23214

Ion	Ratio	Lower	Upper
107	100		
121	52.9	40.0	60.0
122	89.0	70.2	105.4

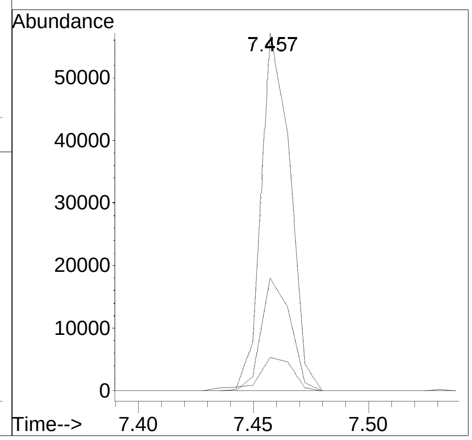


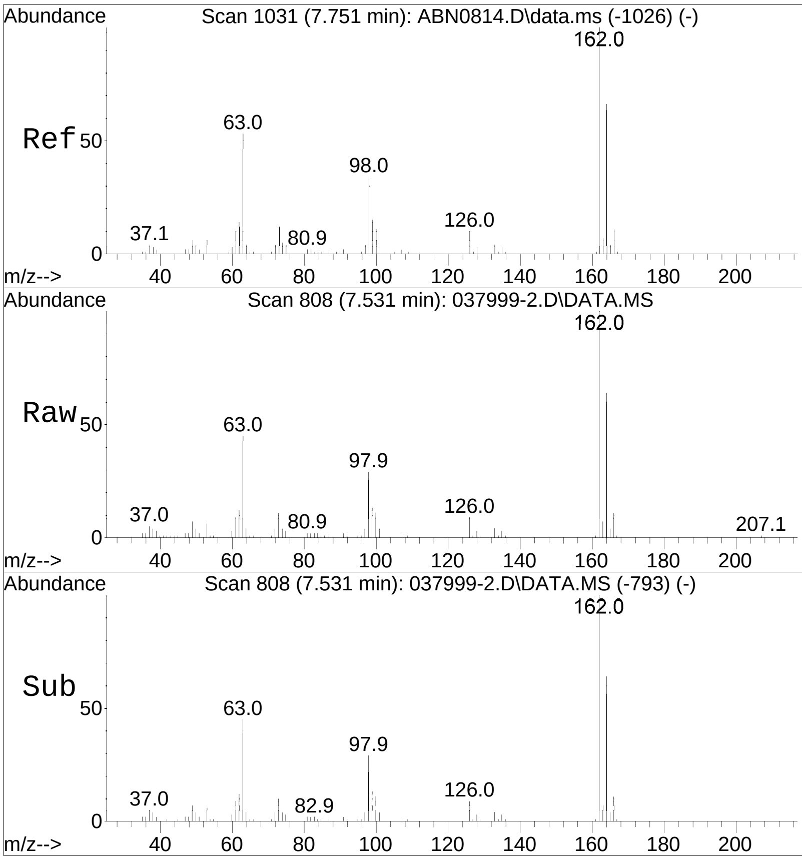


#24
Bis(2-chloroethoxy)methane
Concen: 2.35 ug/ml
RT: 7.457 min Scan# 800
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion: 93 Resp: 61841

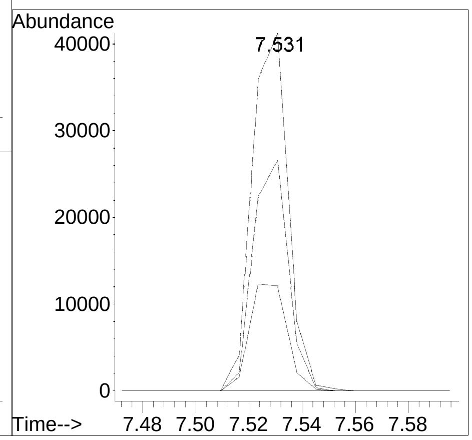
Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.8
123	11.0	10.1	15.1

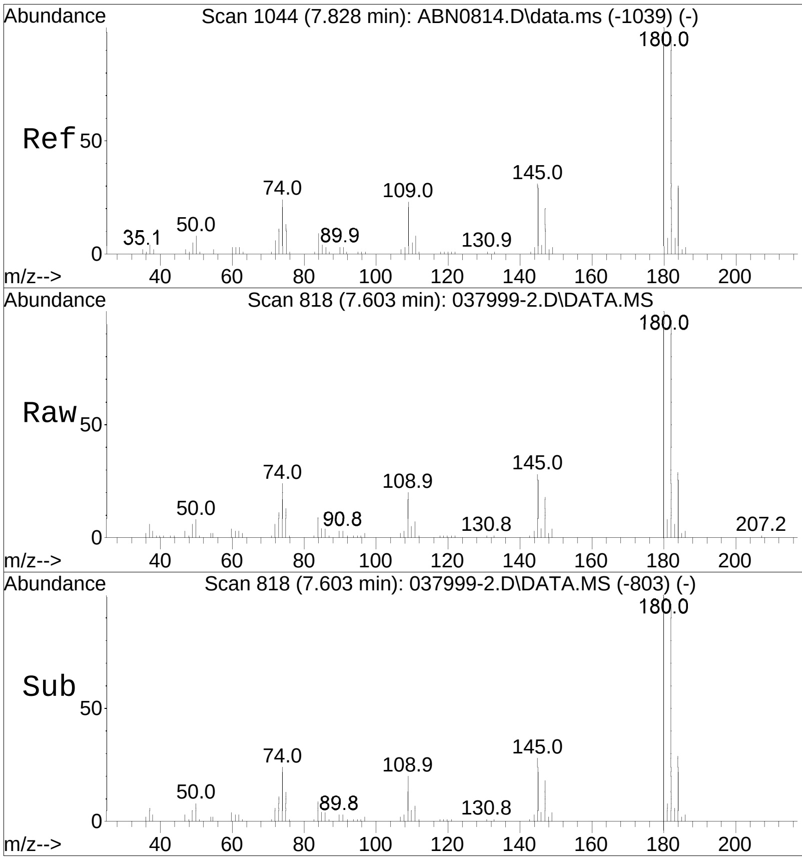




#25
2,4-Dichlorophenol
Concen: 1.99 ug/ml
RT: 7.531 min Scan# 808
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt	Ion:162	Resp:	38900
Ion	Ratio	Lower	Upper
162	100		
164	63.2	51.0	76.4
98	31.4	32.2	48.2#

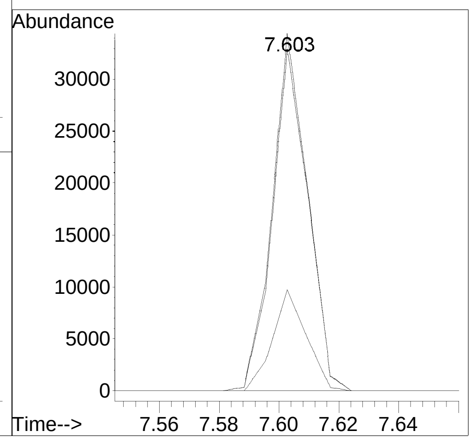


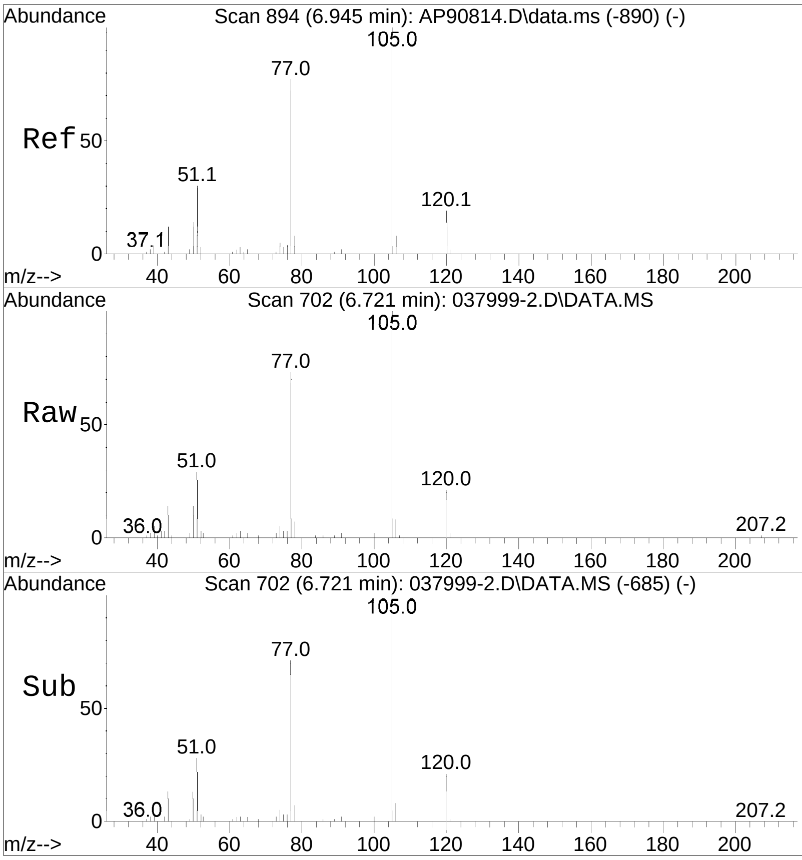


#26
1,2,4-Trichlorobenzene
Concen: 1.12 ug/ml
RT: 7.603 min Scan# 818
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:180 Resp: 28186

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.0	114.0
145	27.1	25.7	38.5

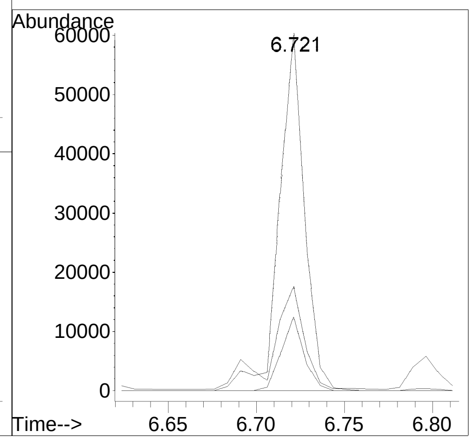


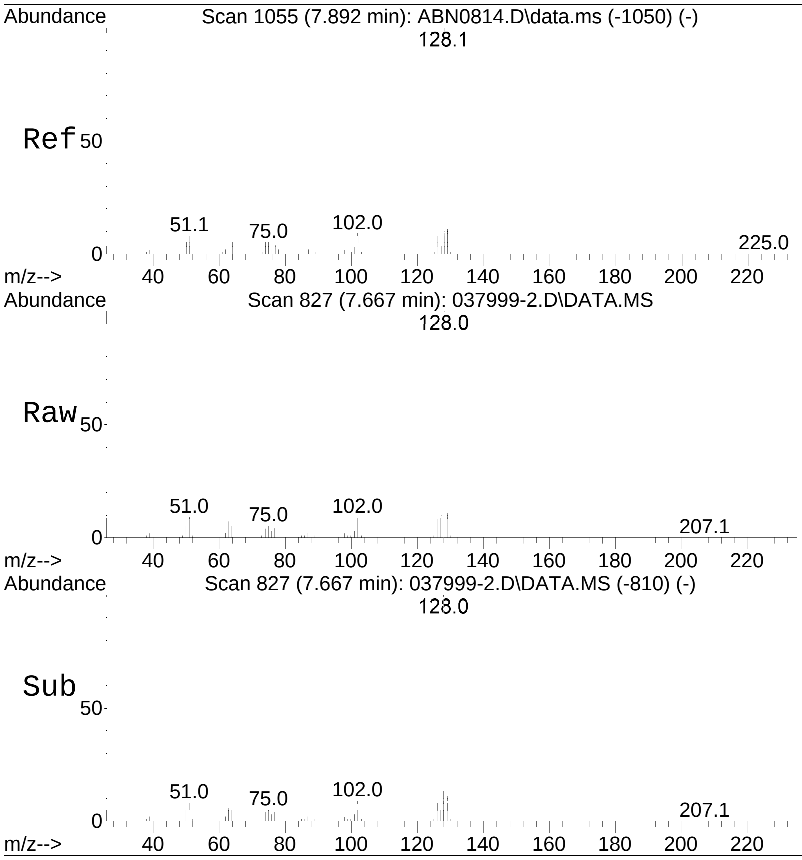


#29
Acetophenone
Concen: 2.43 ug/ml
RT: 6.721 min Scan# 702
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:105 Resp: 59344

Ion	Ratio	Lower	Upper
105	100		
120	18.6	20.5	30.7#
51	36.7	34.9	52.3

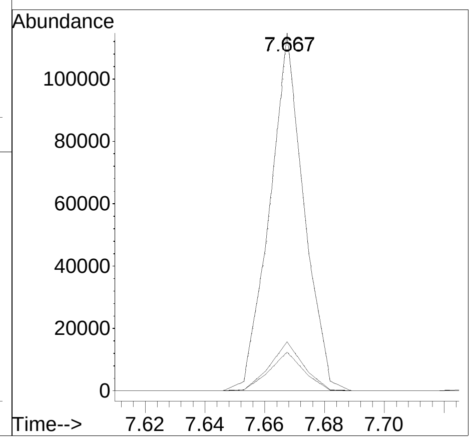


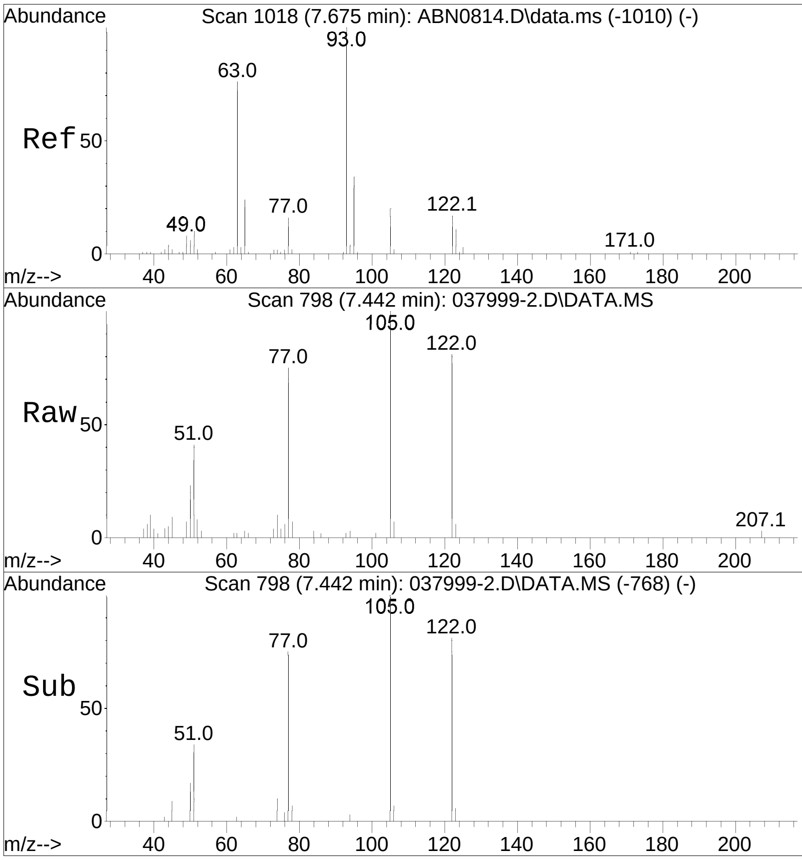


#36
Naphthalene
Concen: 1.48 ug/ml
RT: 7.667 min Scan# 827
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:128 Resp: 90571

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.6	10.3	15.5

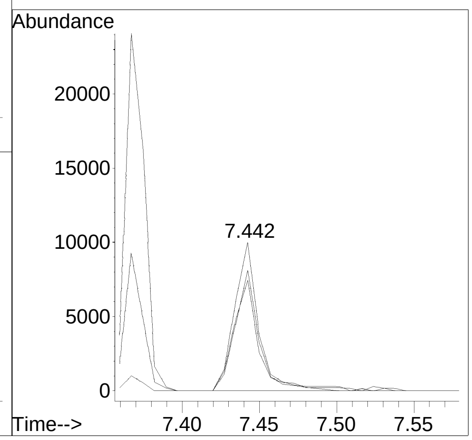


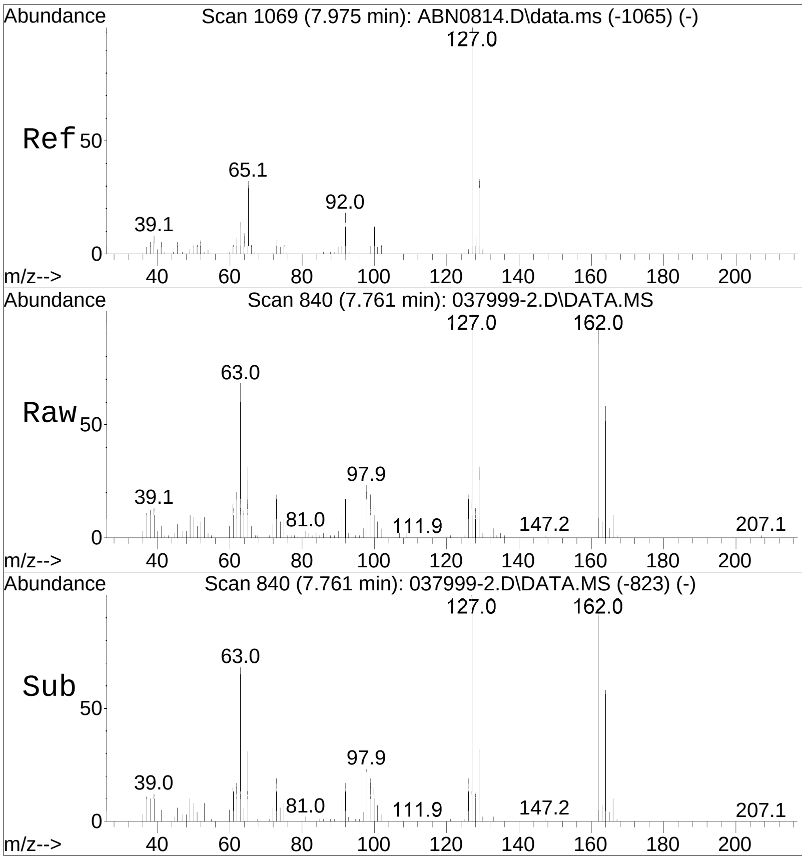


#37
Benzoic Acid
Concen: 1.75 ug/ml
RT: 7.442 min Scan# 798
Delta R.T. -0.023 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:105 Resp: 12472

Ion	Ratio	Lower	Upper
105	100		
122	81.2	59.9	89.9
77	78.6	60.1	90.1

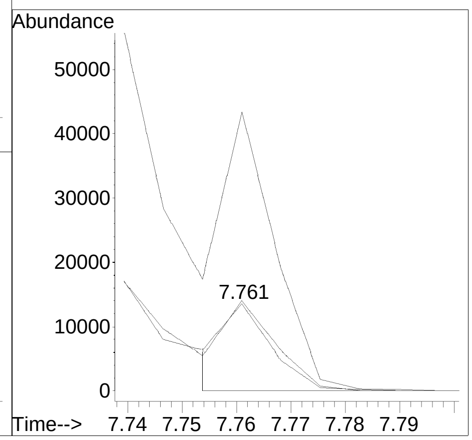


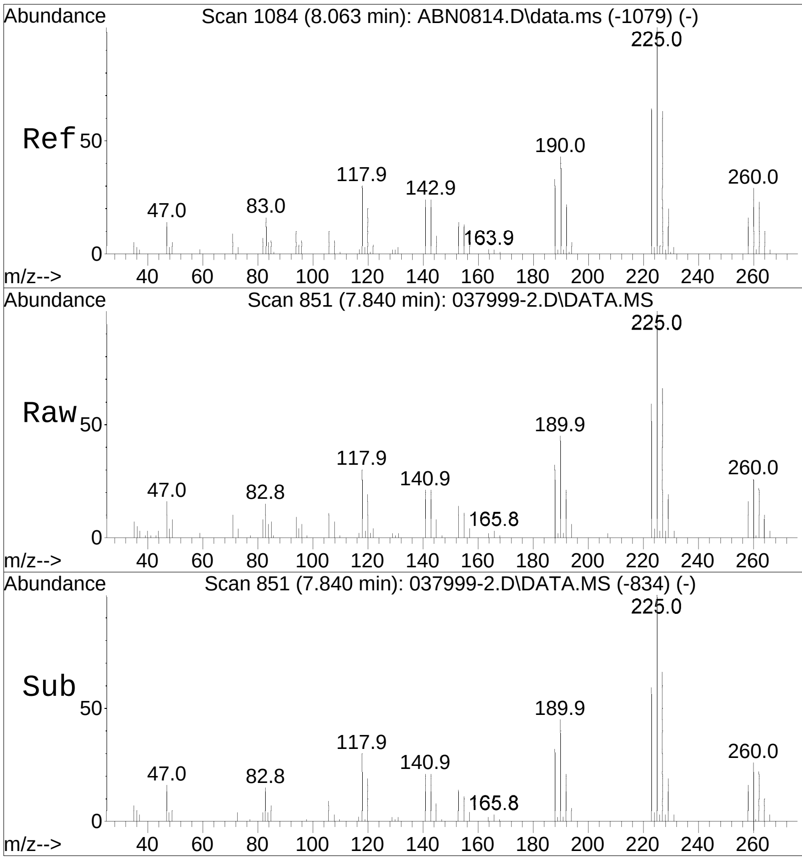


#38
4-Chloroaniline
Concen: 1.05 ug/ml M3
RT: 7.761 min Scan# 840
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion: 65 Resp: 8144

Ion	Ratio	Lower	Upper
65	100		
127	605.7	237.6	356.4#
129	191.4	76.3	114.5#

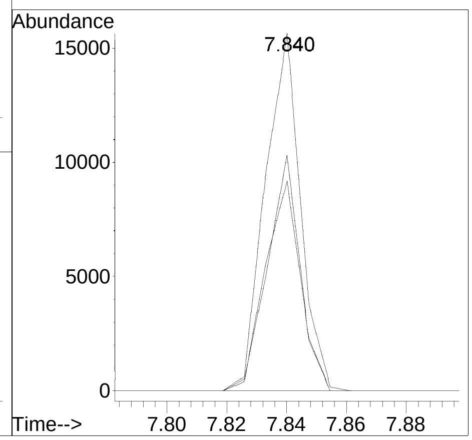


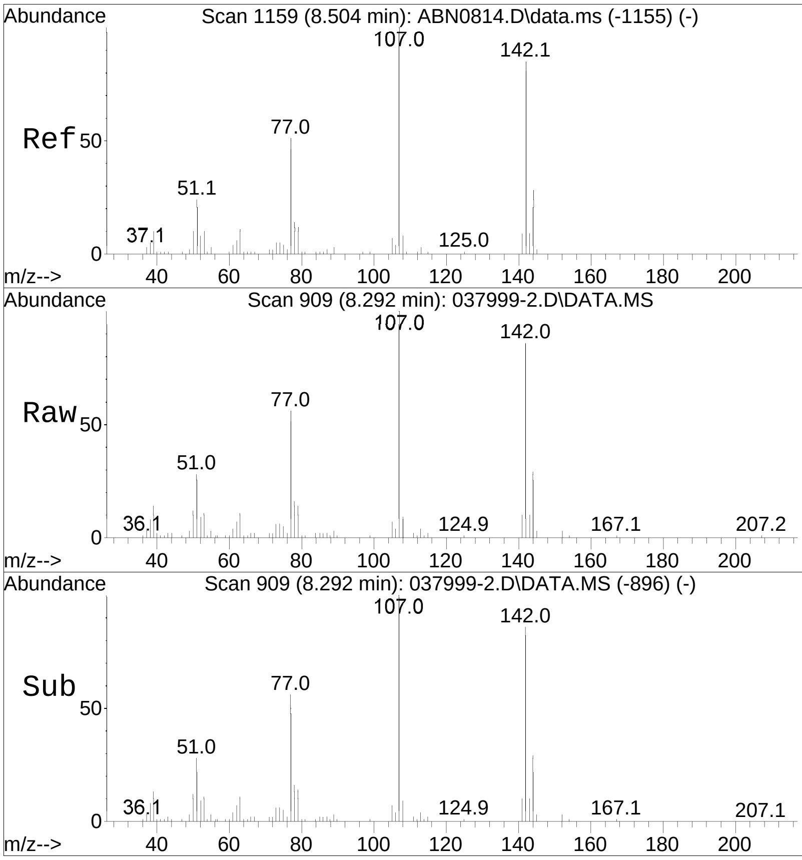


#39
Hexachlorobutadiene
Concen: 0.87 ug/ml
RT: 7.840 min Scan# 851
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:225 Resp: 12767

Ion	Ratio	Lower	Upper
225	100		
223	59.0	50.3	75.5
227	61.0	52.2	78.2

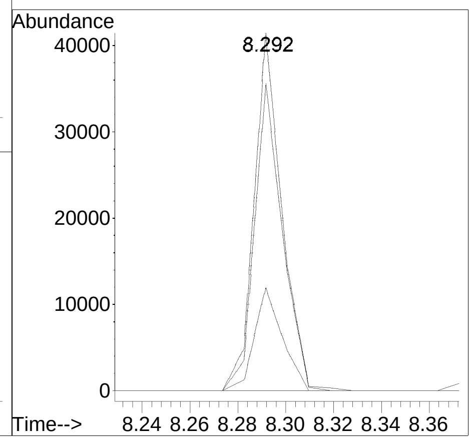


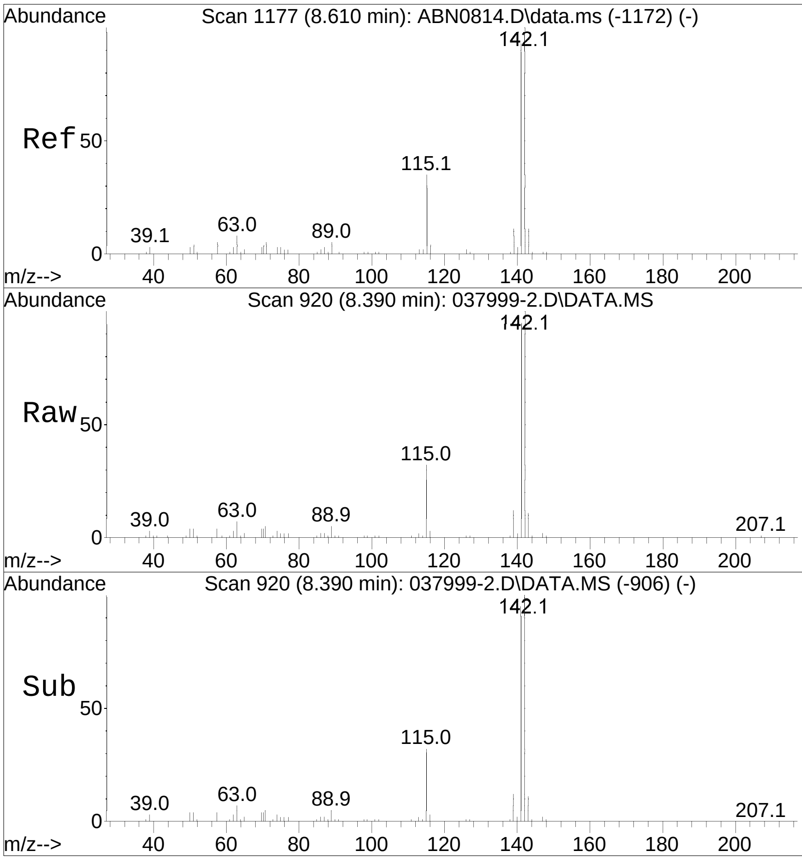


#40
p-Chloro-m-cresol
Concen: 2.04 ug/ml
RT: 8.292 min Scan# 909
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:107 Resp: 33161

Ion	Ratio	Lower	Upper
107	100		
144	29.0	20.9	31.3
142	86.4	66.1	99.1

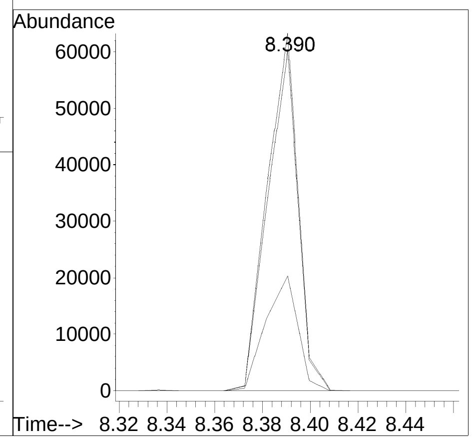


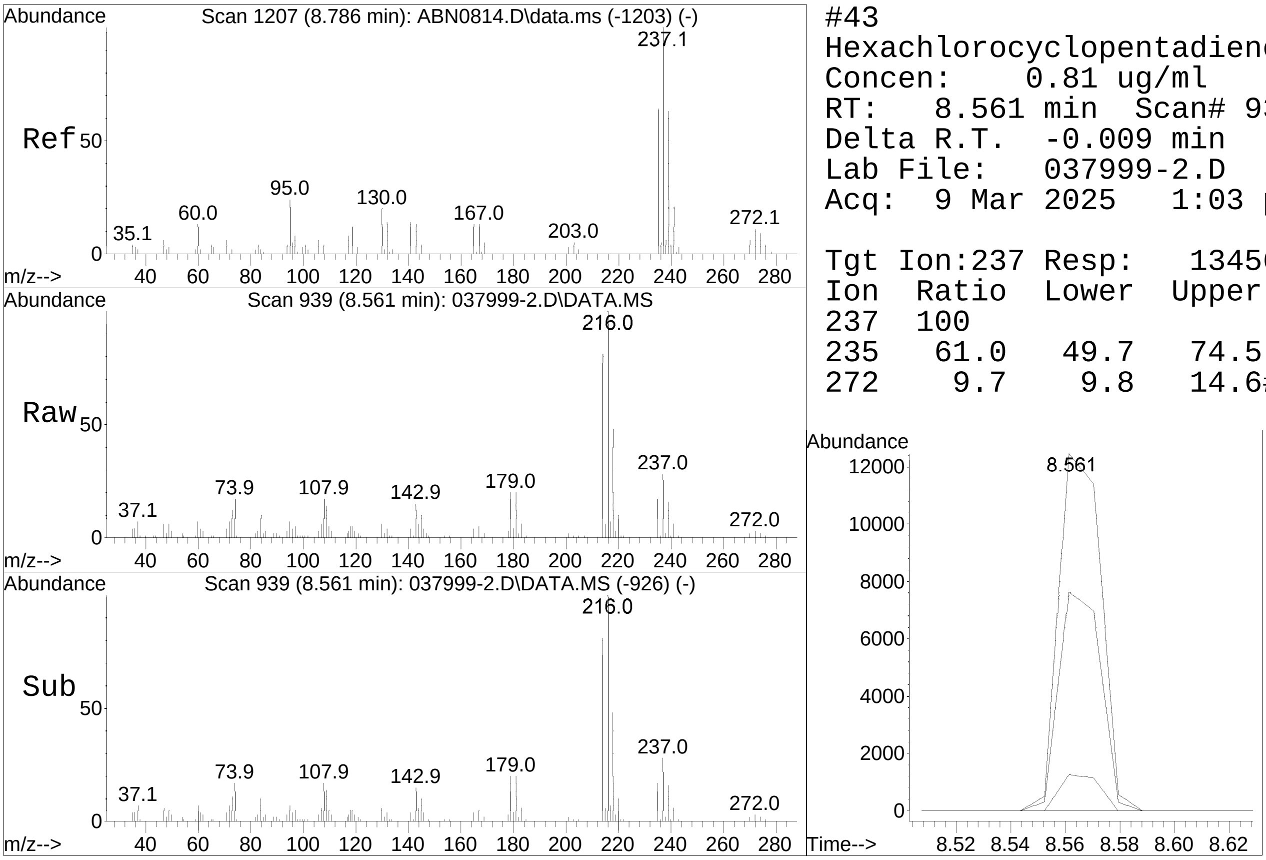


#41
2-Methylnaphthalene
Concen: 1.45 ug/ml
RT: 8.390 min Scan# 920
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:142 Resp: 56718

Ion	Ratio	Lower	Upper
142	100		
141	93.7	69.6	104.4
115	33.6	26.6	40.0

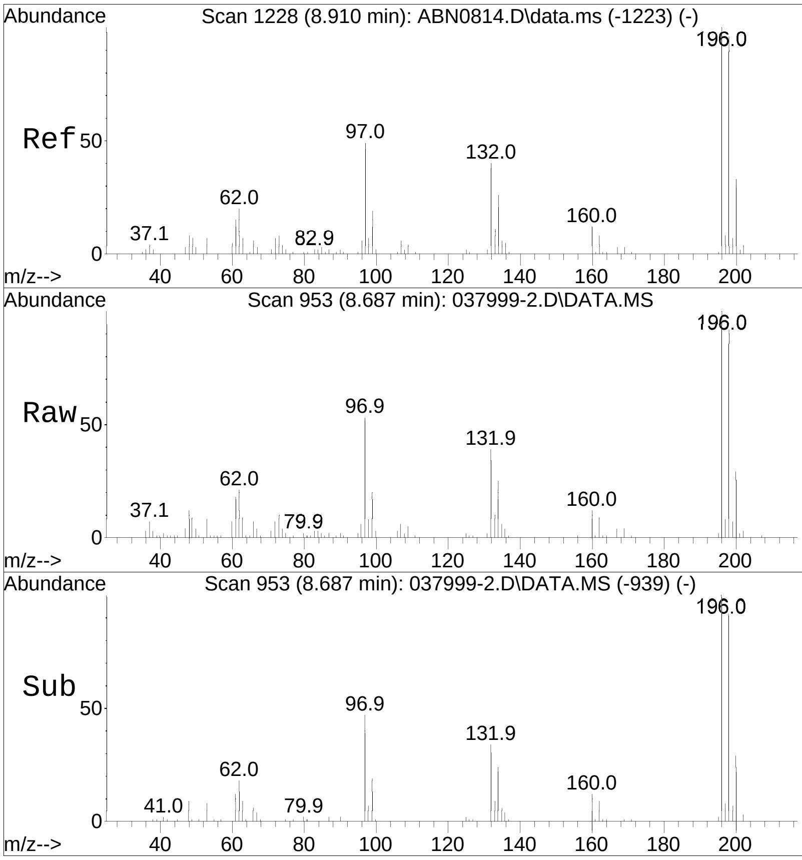




#43
Hexachlorocyclopentadiene
Concen: 0.81 ug/ml
RT: 8.561 min Scan# 939
Delta R.T. -0.009 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:237 Resp: 13456

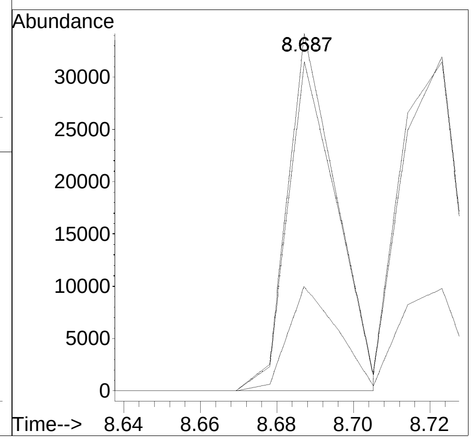
Ion	Ratio	Lower	Upper
237	100		
235	61.0	49.7	74.5
272	9.7	9.8	14.6#

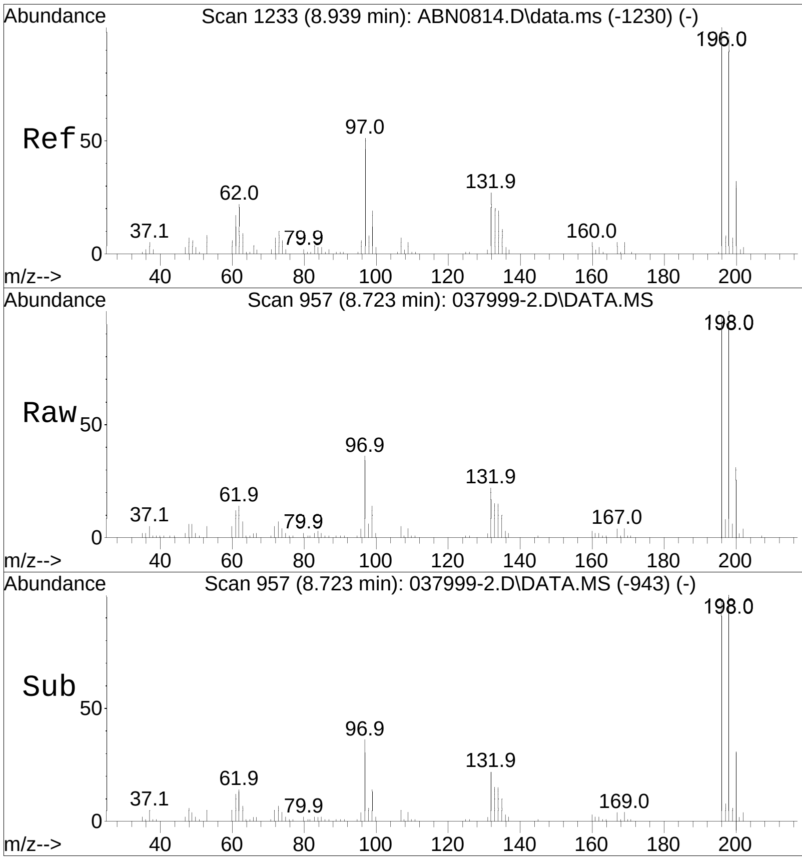


#44
2,4,6-Trichlorophenol
Concen: 1.92 ug/ml
RT: 8.687 min Scan# 953
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:196 Resp: 30234

Ion	Ratio	Lower	Upper
196	100		
198	93.8	77.5	116.3
200	30.1	23.8	35.6

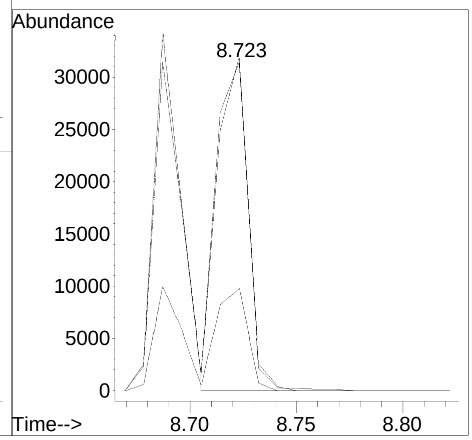


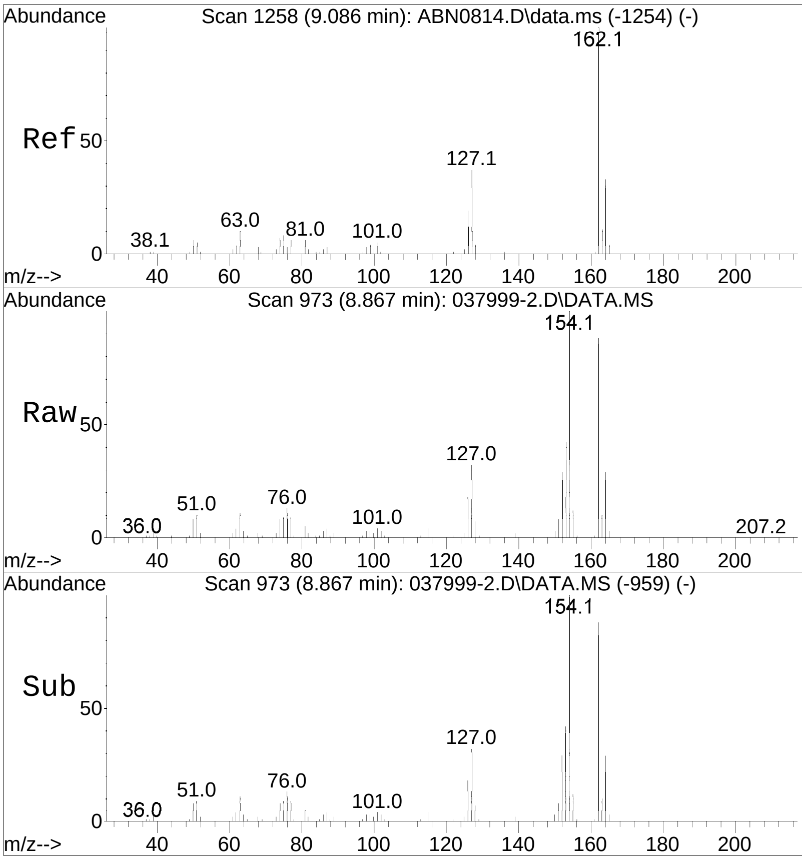


#45
2,4,5-Trichlorophenol
Concen: 2.01 ug/ml
RT: 8.723 min Scan# 957
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:196 Resp: 32952

Ion	Ratio	Lower	Upper
196	100		
200	30.7	25.4	38.0
198	98.0	78.0	117.0

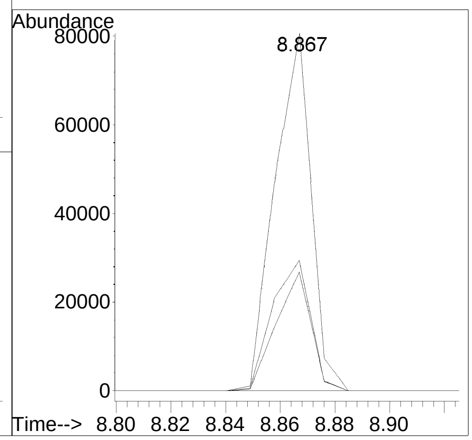


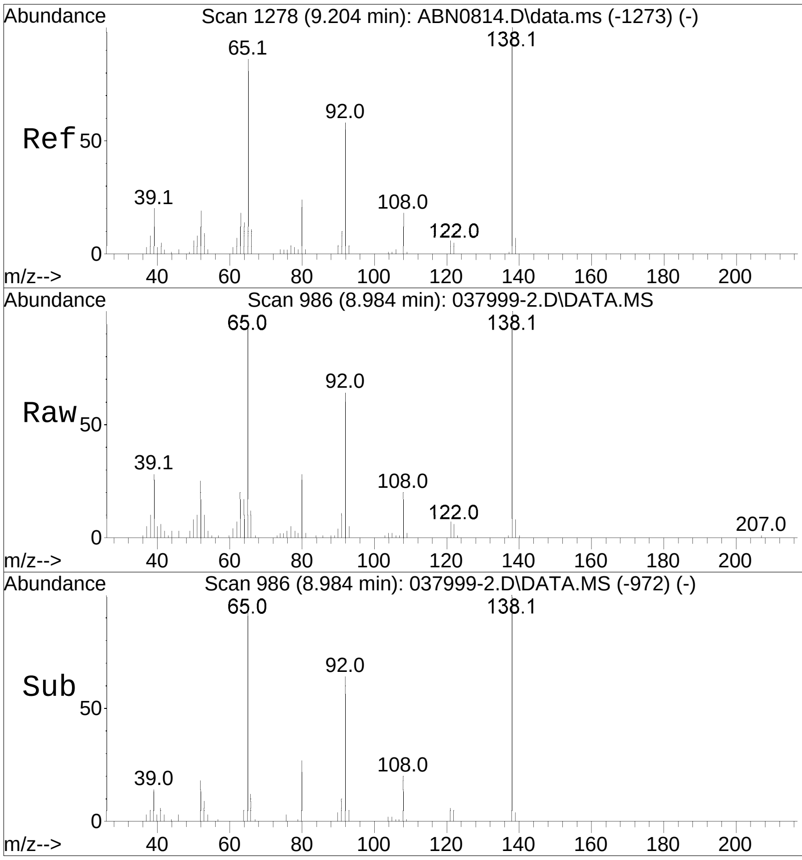


#47
2-Chloronaphthalene
Concen: 1.55 ug/ml
RT: 8.867 min Scan# 973
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:162 Resp: 73648

Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.2	48.4
164	32.3	25.7	38.5

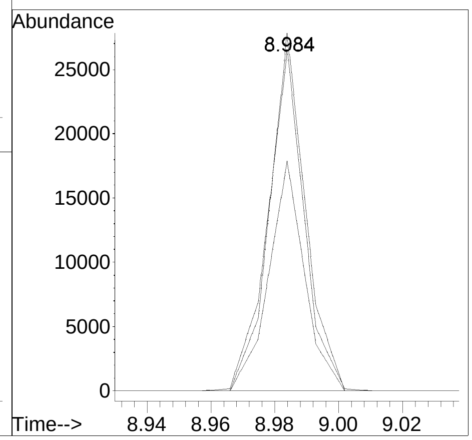


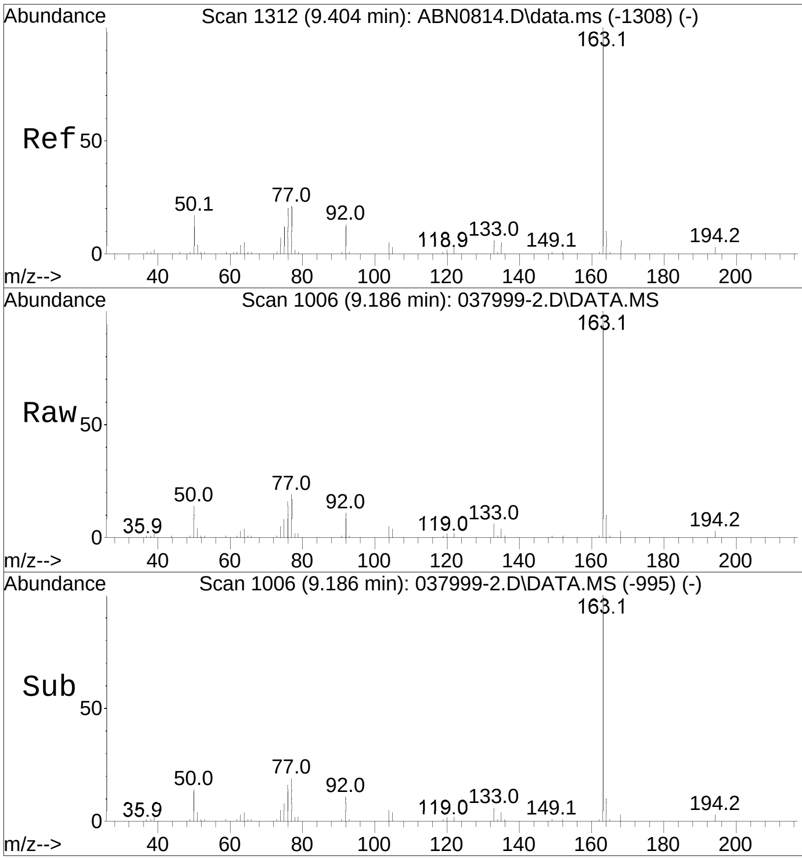


#48
2-Nitroaniline
Concen: 1.87 ug/ml
RT: 8.984 min Scan# 986
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:138 Resp: 21605

Ion	Ratio	Lower	Upper
138	100		
92	63.8	53.5	80.3
65	96.6	86.3	129.5

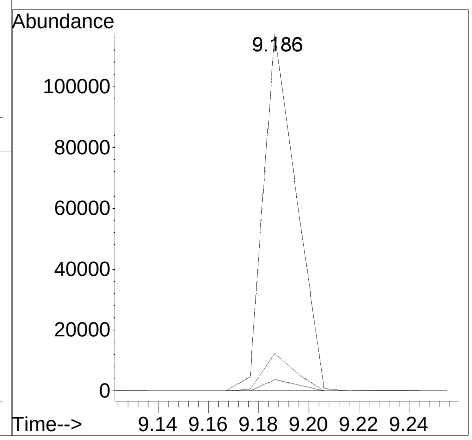


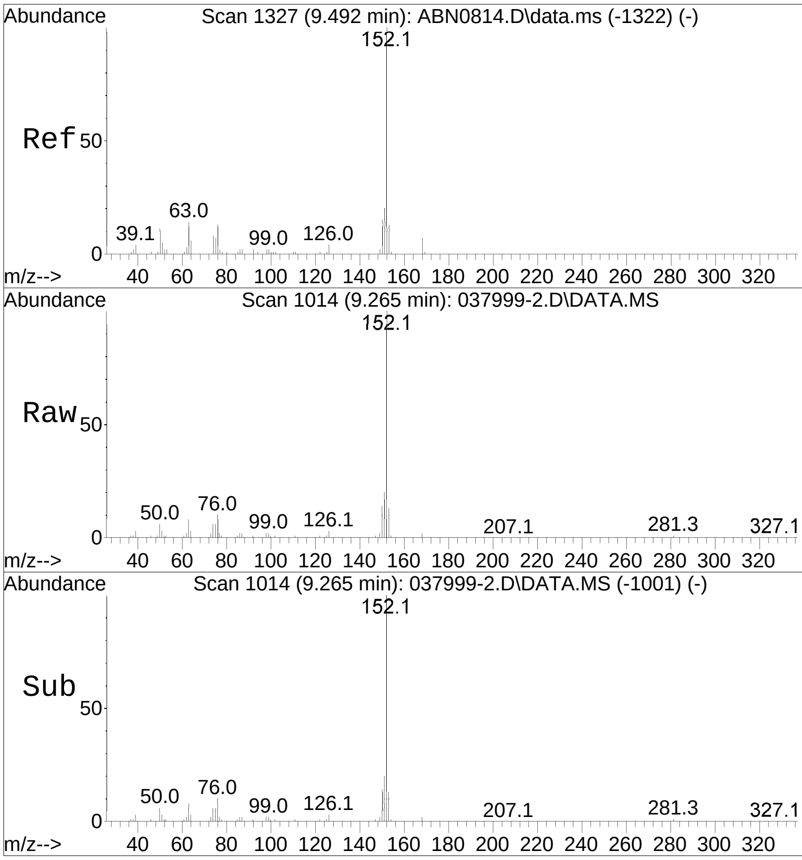


#51
Dimethyl phthalate
Concen: 1.84 ug/ml
RT: 9.186 min Scan# 1006
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:163 Resp: 105661

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.5	5.3#
164	10.0	7.9	11.9

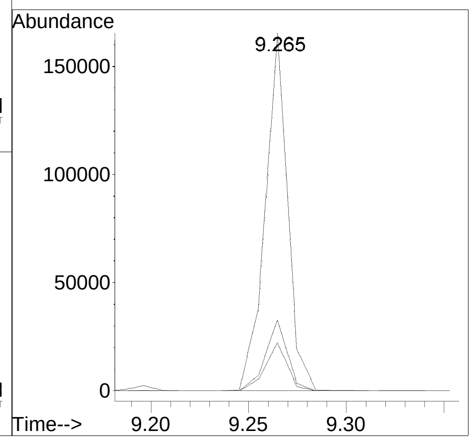


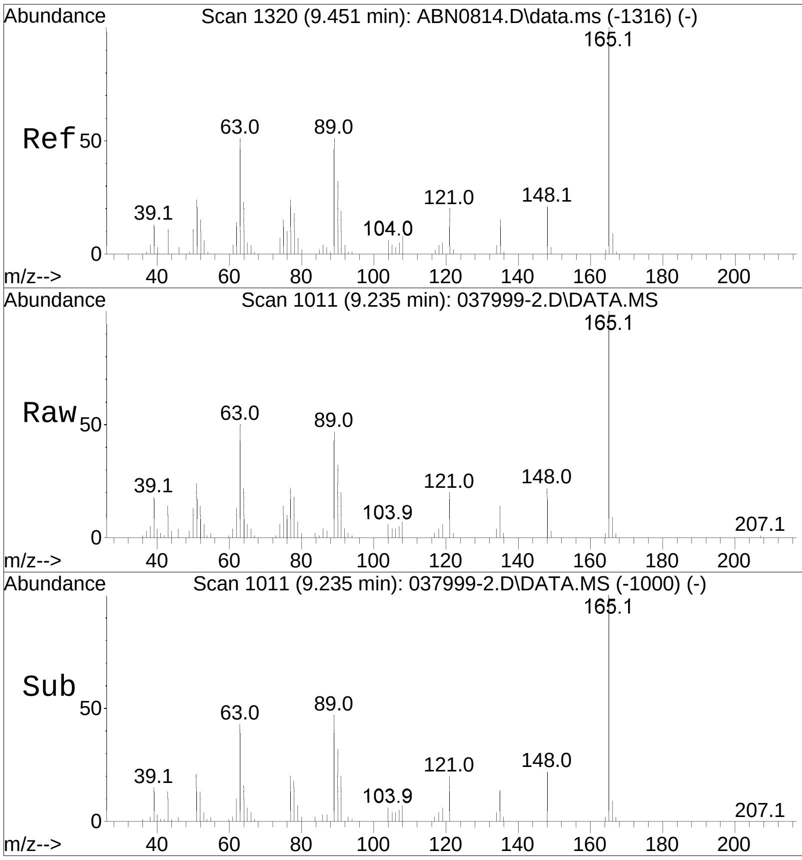


#52
Acenaphthylene
Concen: 1.82 ug/ml
RT: 9.265 min Scan# 1014
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:152 Resp: 131434

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.3	10.5	15.7

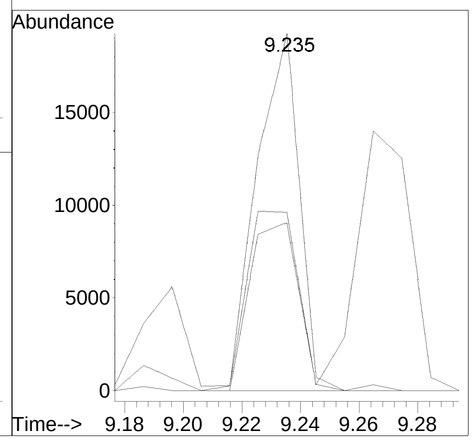


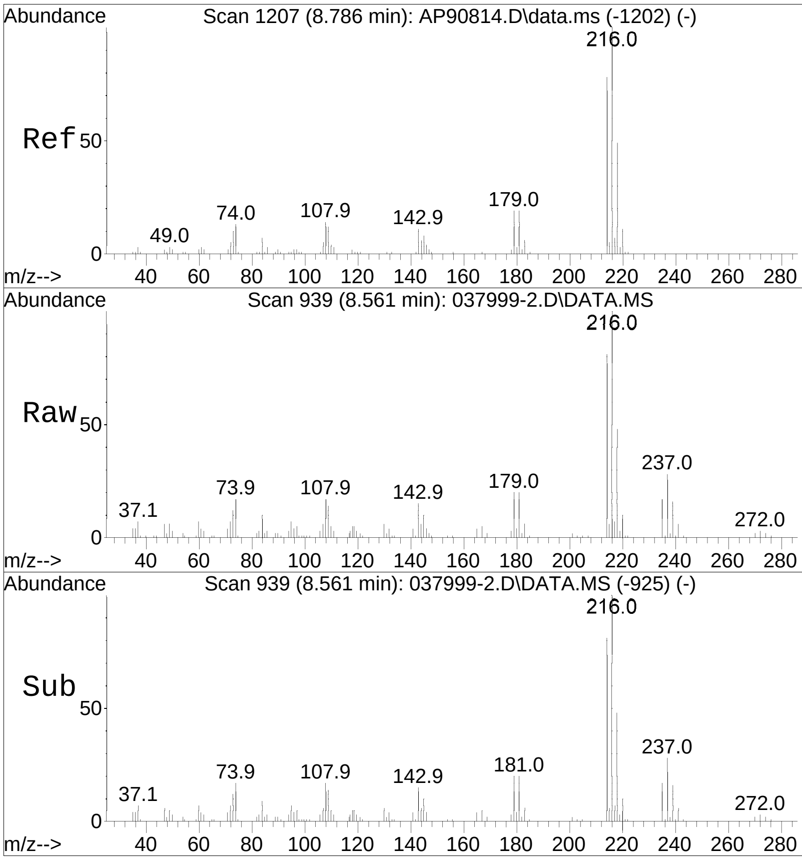


#53
2,6-Dinitrotoluene
Concen: 1.80 ug/ml
RT: 9.235 min Scan# 1011
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:165 Resp: 19347

Ion	Ratio	Lower	Upper
165	100		
89	55.1	54.2	81.2
63	60.3	64.2	96.2#

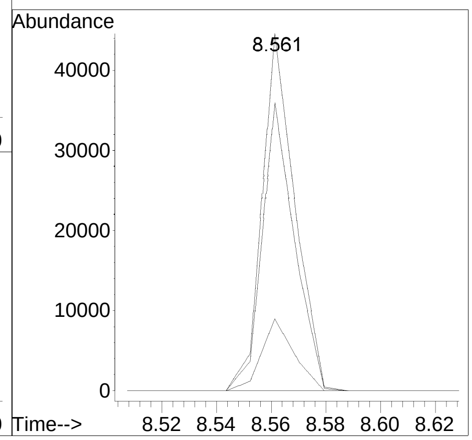


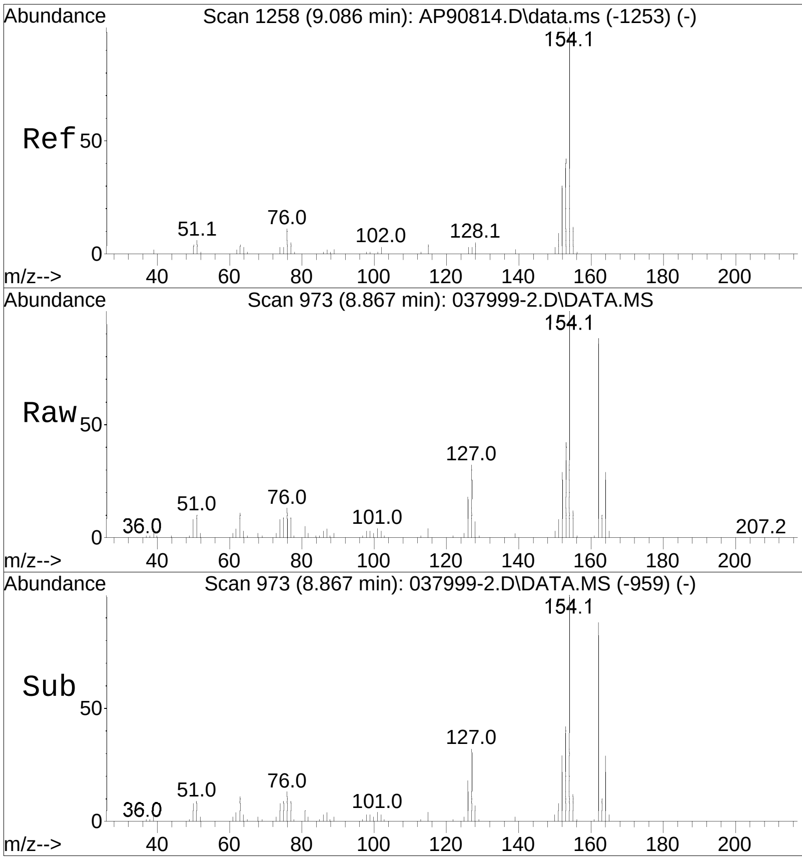


#61
1,2,4,5-Tetrachlorobenzene
Concen: 1.44 ug/ml
RT: 8.561 min Scan# 939
Delta R.T. 0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:216 Resp: 36832

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.7	95.5
179	20.1	19.0	28.6

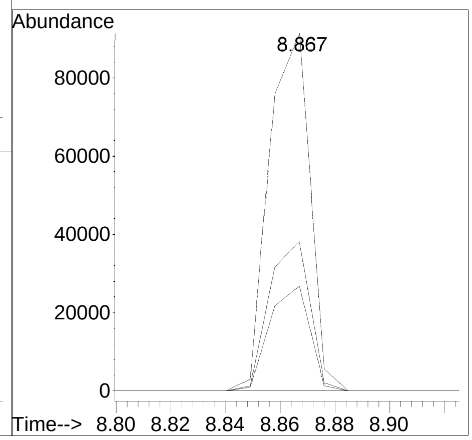


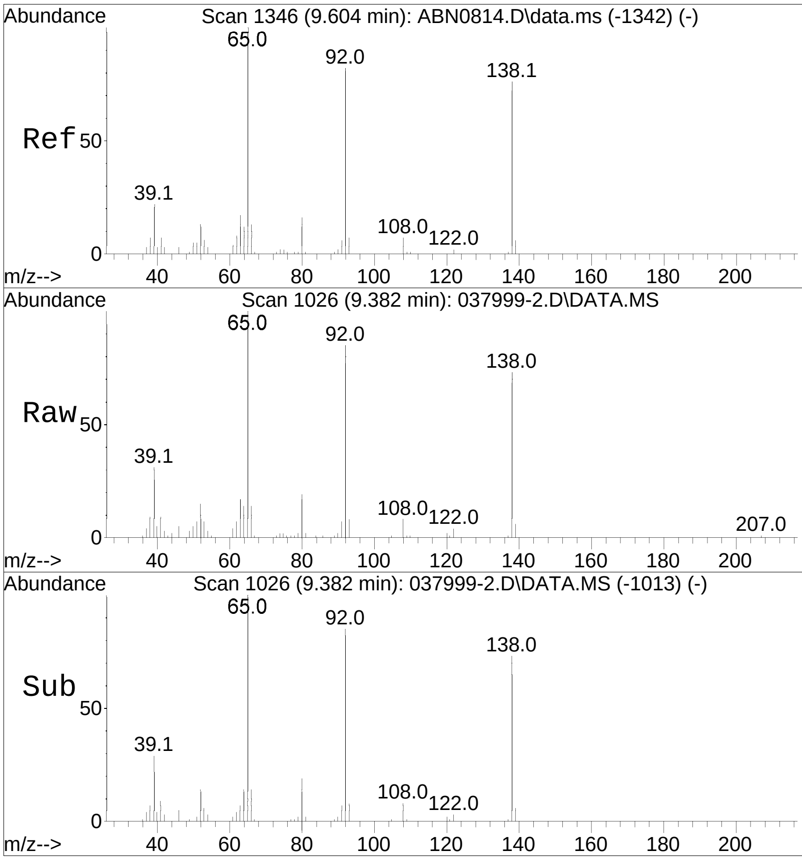


#62
Biphenyl
Concen: 1.64 ug/ml
RT: 8.867 min Scan# 973
Delta R.T. 0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:154 Resp: 94902

Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.3	48.5
152	28.8	22.5	33.7

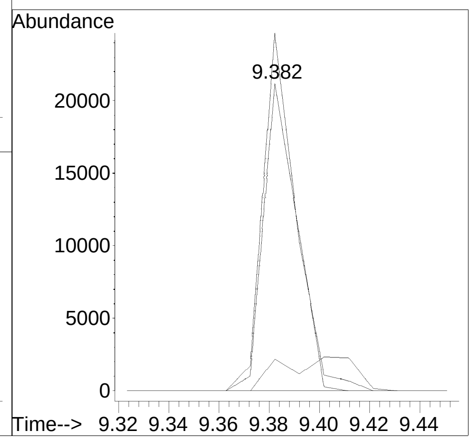


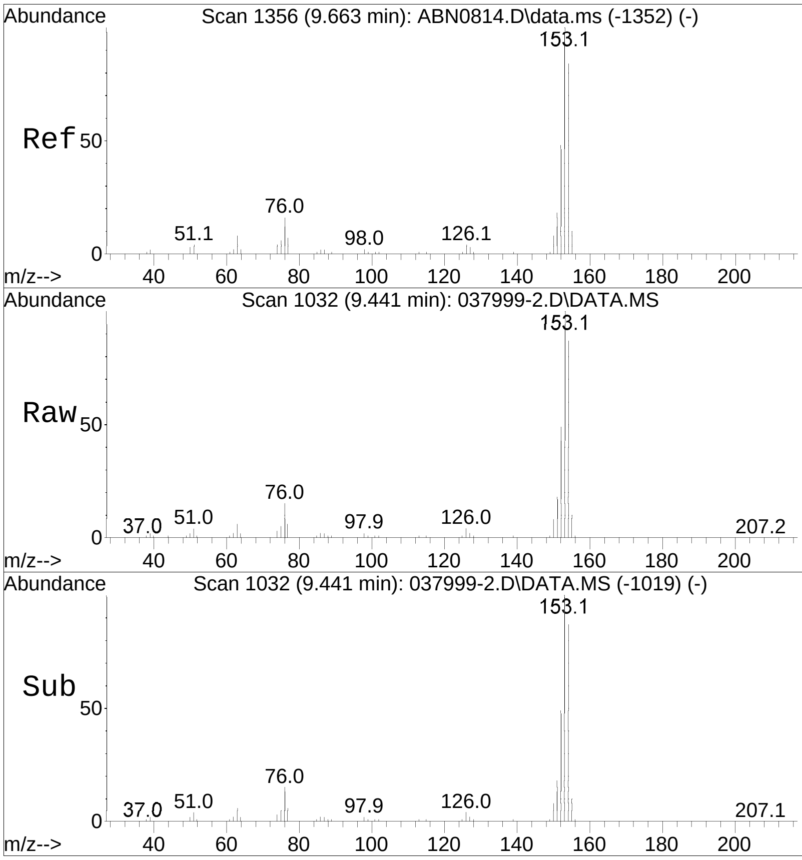


#64
3-Nitroaniline
Concen: 2.16 ug/ml
RT: 9.382 min Scan# 1026
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:138 Resp: 19495

Ion	Ratio	Lower	Upper
138	100		
92	115.4	93.4	140.2
108	24.4	9.5	14.3#

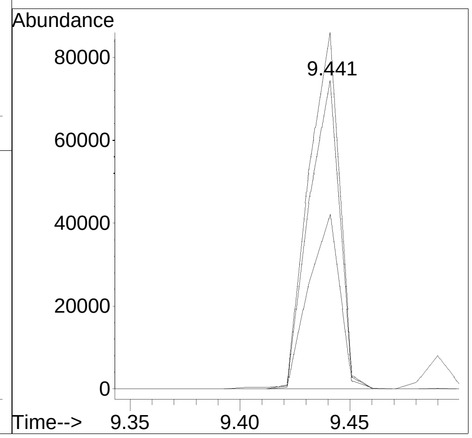


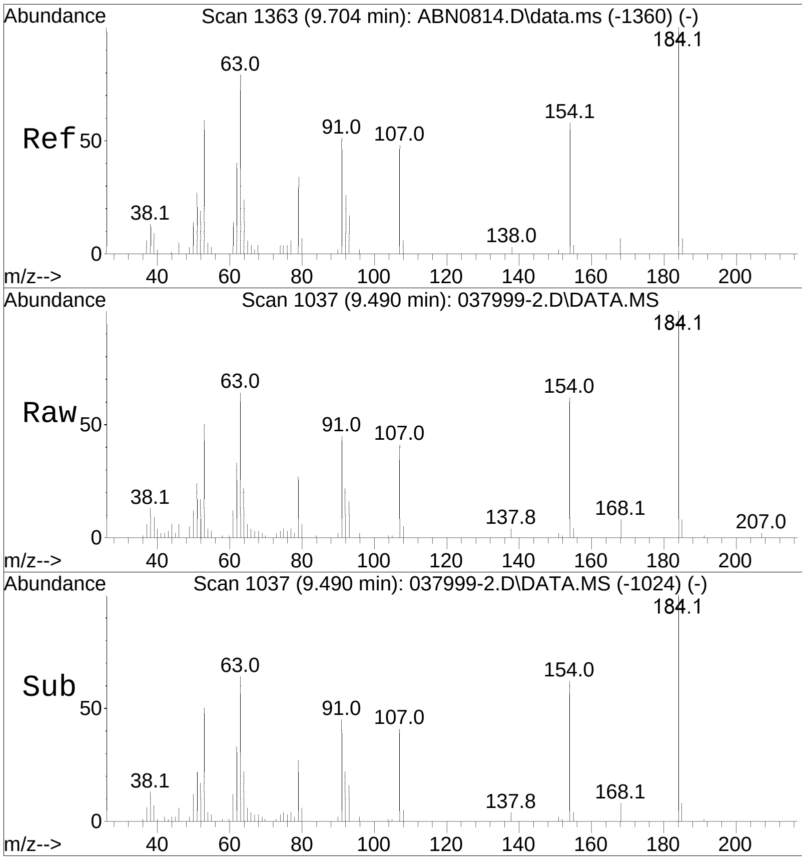


#65
Acenaphthene
Concen: 1.93 ug/ml
RT: 9.441 min Scan# 1032
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:154 Resp: 72573

Ion	Ratio	Lower	Upper
154	100		
153	115.4	85.3	127.9
152	57.0	41.4	62.0

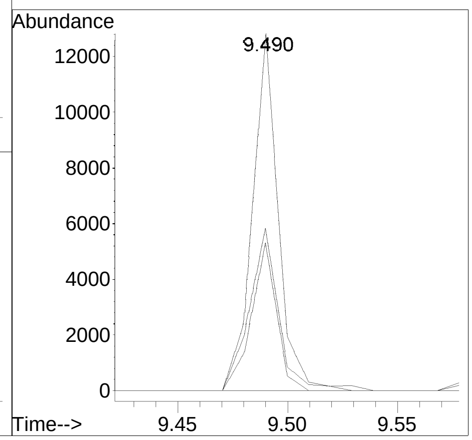


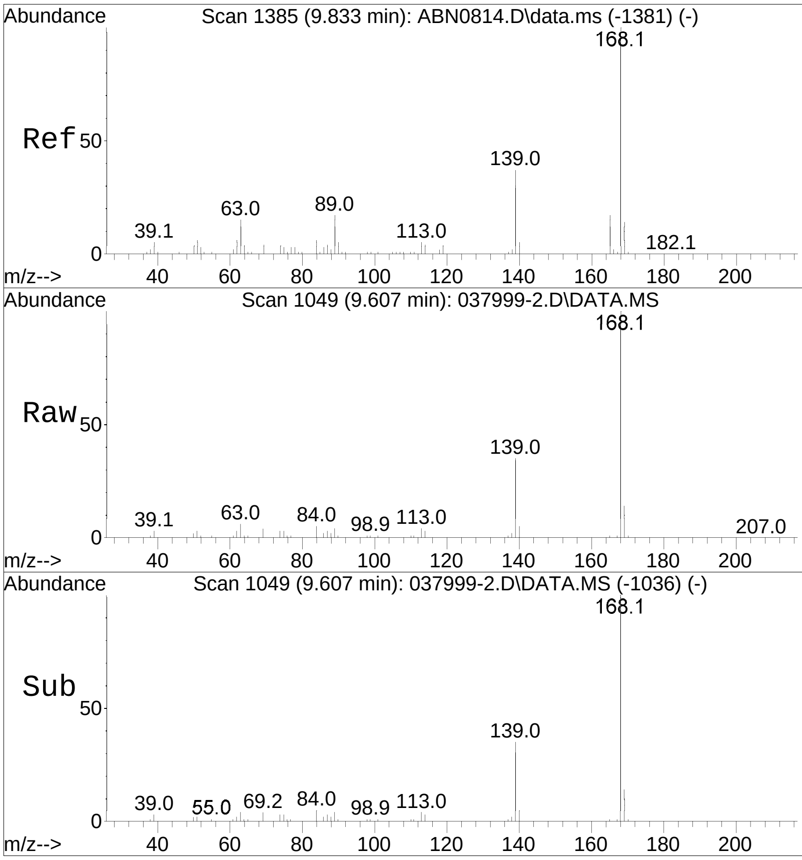


#66
2,4-Dinitrophenol
Concen: 2.31 ug/ml
RT: 9.490 min Scan# 1037
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:184 Resp: 10382

Ion	Ratio	Lower	Upper
184	100		
107	40.7	37.7	56.5
91	52.2	46.3	69.5

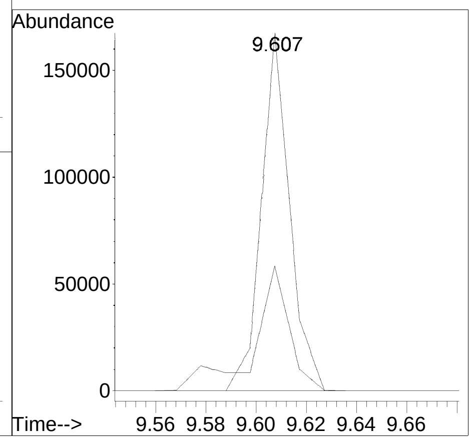


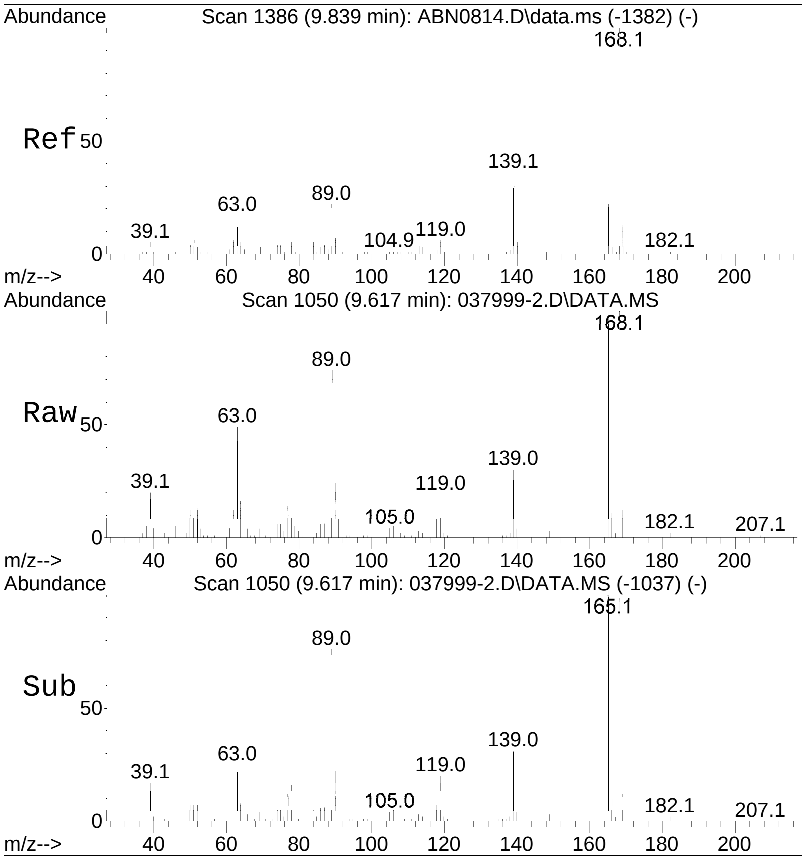


#67
Dibenzofuran
Concen: 2.02 ug/ml
RT: 9.607 min Scan# 1049
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:168 Resp: 129634

Ion	Ratio	Lower	Upper
168	100		
139	44.2	31.4	47.2

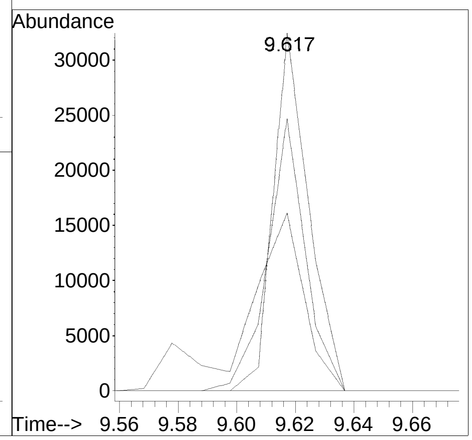


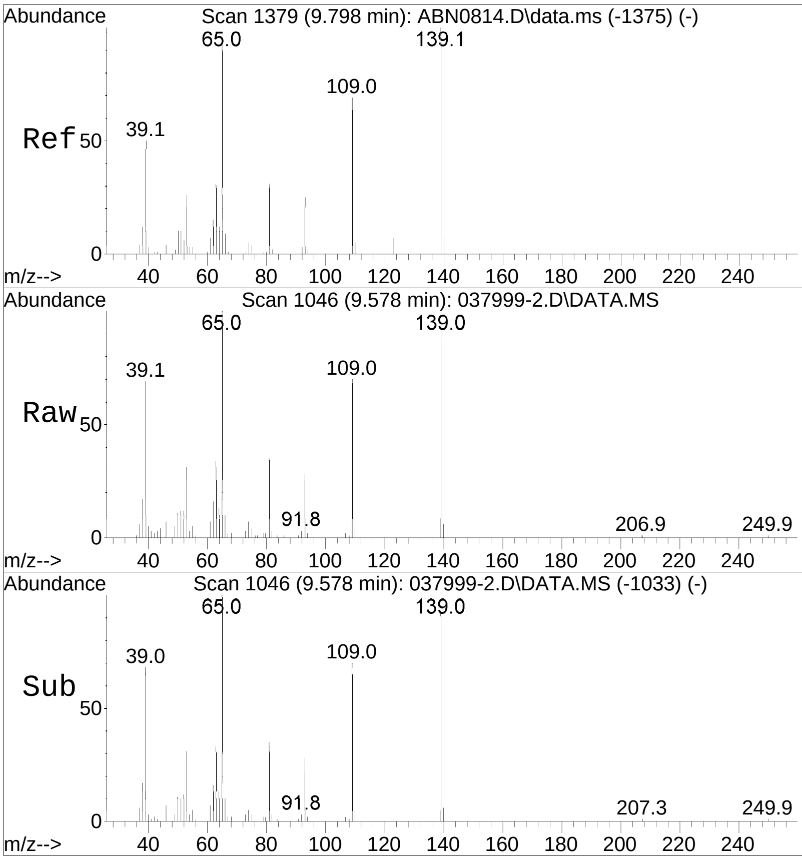


#68
2,4-Dinitrotoluene
Concen: 2.07 ug/ml
RT: 9.617 min Scan# 1050
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:165 Resp: 27174

Ion	Ratio	Lower	Upper
165	100		
89	80.5	72.0	108.0
63	81.8	52.7	79.1#

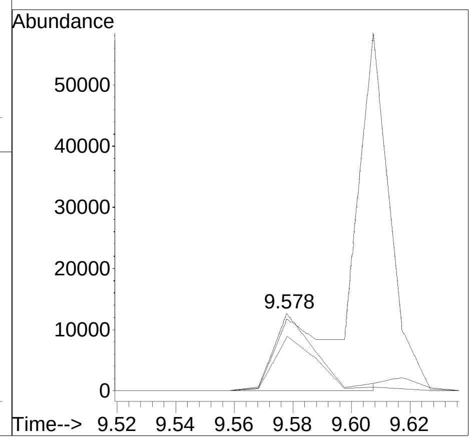


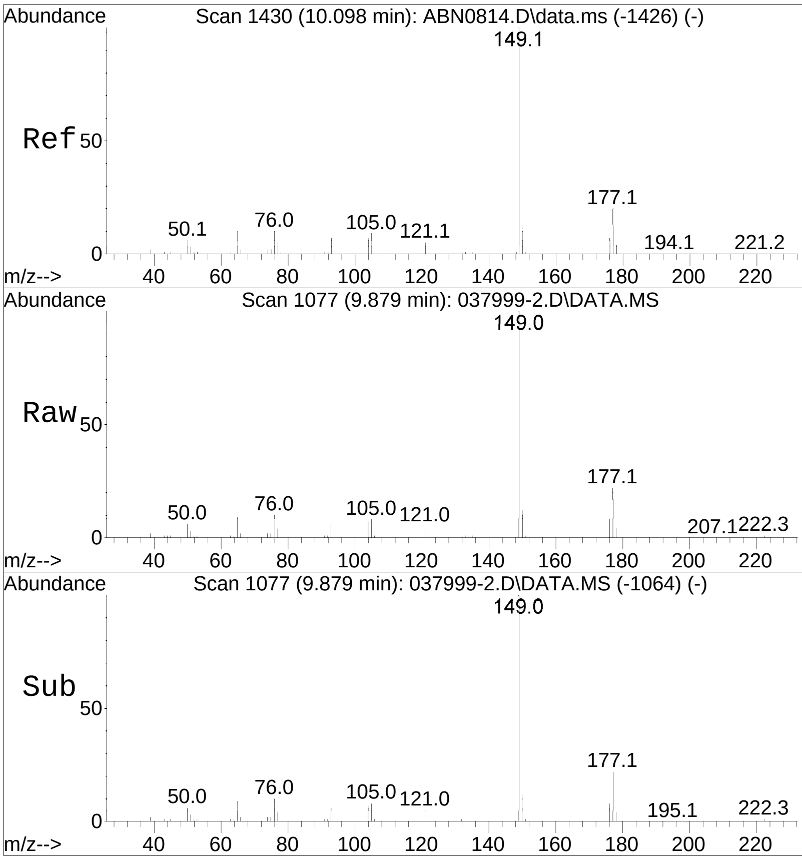


#69
4-Nitrophenol
Concen: 1.79 ug/ml
RT: 9.578 min Scan# 1046
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion: 65 Resp: 12461

Ion	Ratio	Lower	Upper
65	100		
109	73.7	47.4	71.2#
139	459.7	76.6	115.0#

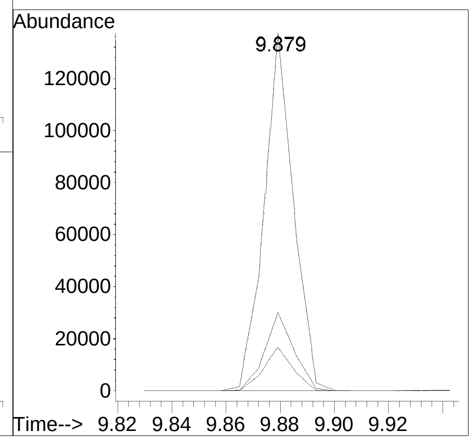


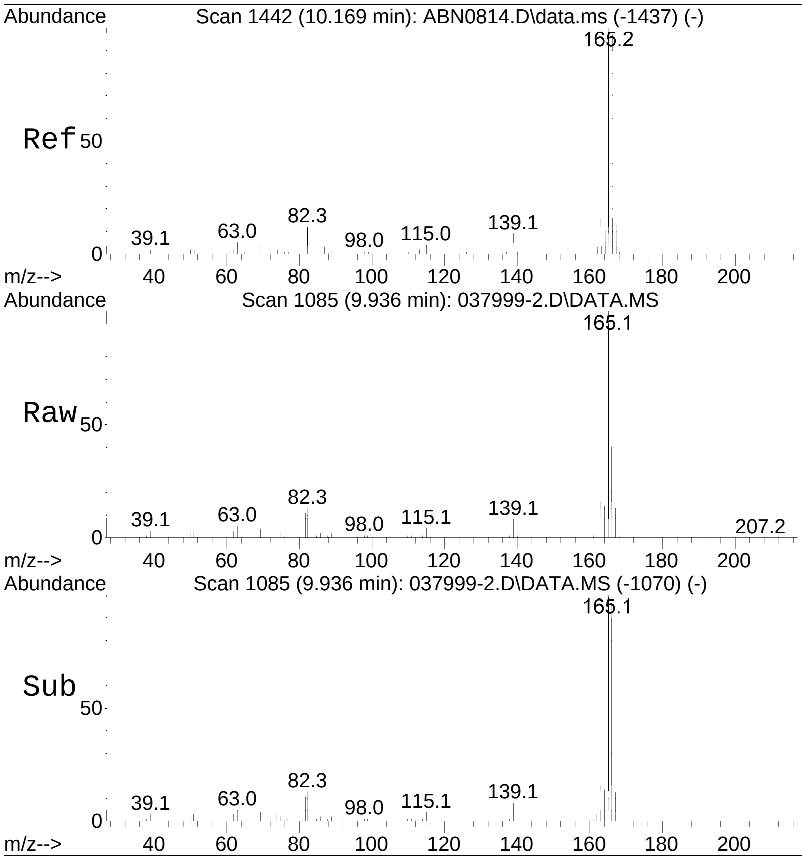


#72
Diethyl phthalate
Concen: 2.22 ug/ml
RT: 9.879 min Scan# 1077
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:149 Resp: 102631

Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.3	9.4	14.2

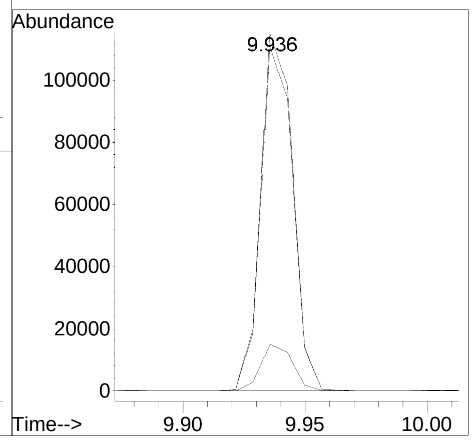


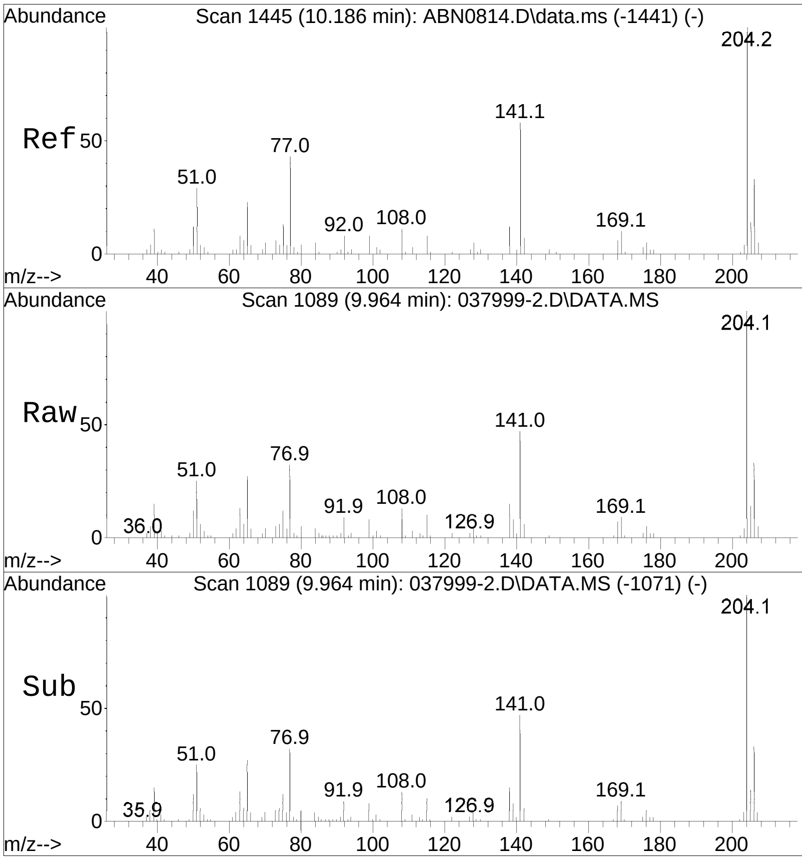


#73
Fluorene
Concen: 2.03 ug/ml
RT: 9.936 min Scan# 1085
Delta R.T. -0.007 min
Lab File: 037999-2.D
Acq: 9 Mar 2025   1:03 pm

Tgt Ion:166 Resp: 100881

Ion	Ratio	Lower	Upper
166	100		
165	104.2	76.2	114.2
167	13.6	10.6	15.8

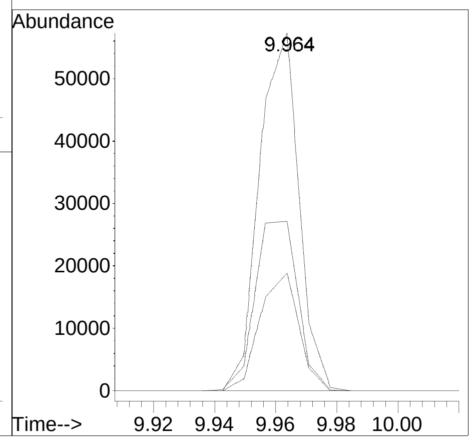


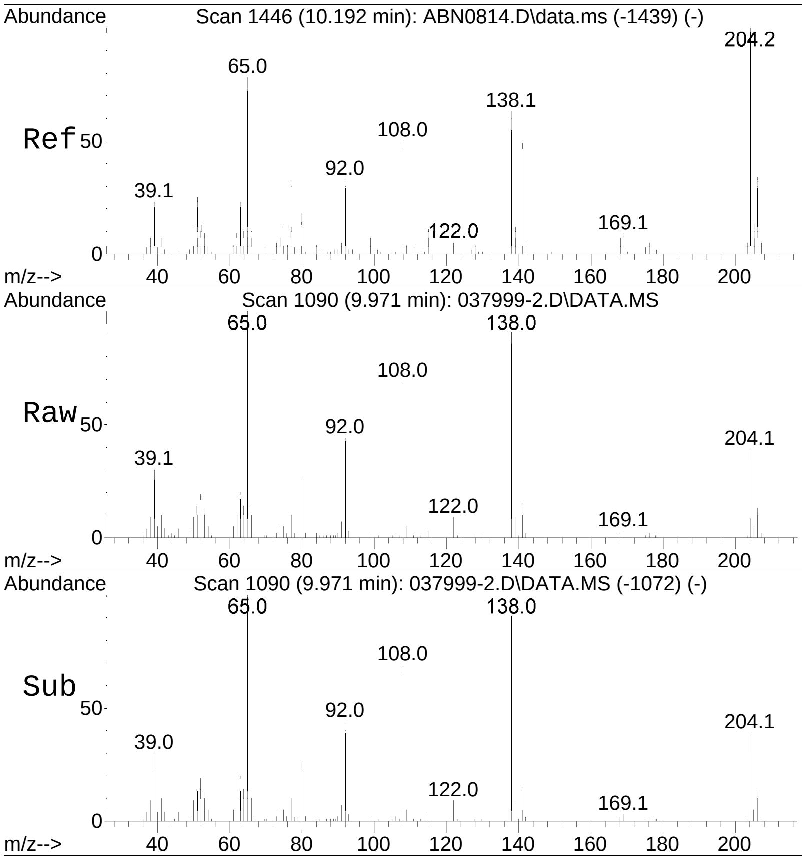


#74
4-Chlorophenyl phenyl ether
Concen: 2.01 ug/ml
RT: 9.964 min Scan# 1089
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:204 Resp: 51230

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.6
141	51.6	53.6	80.4#

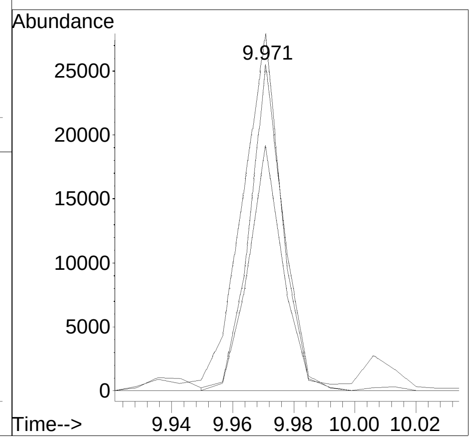


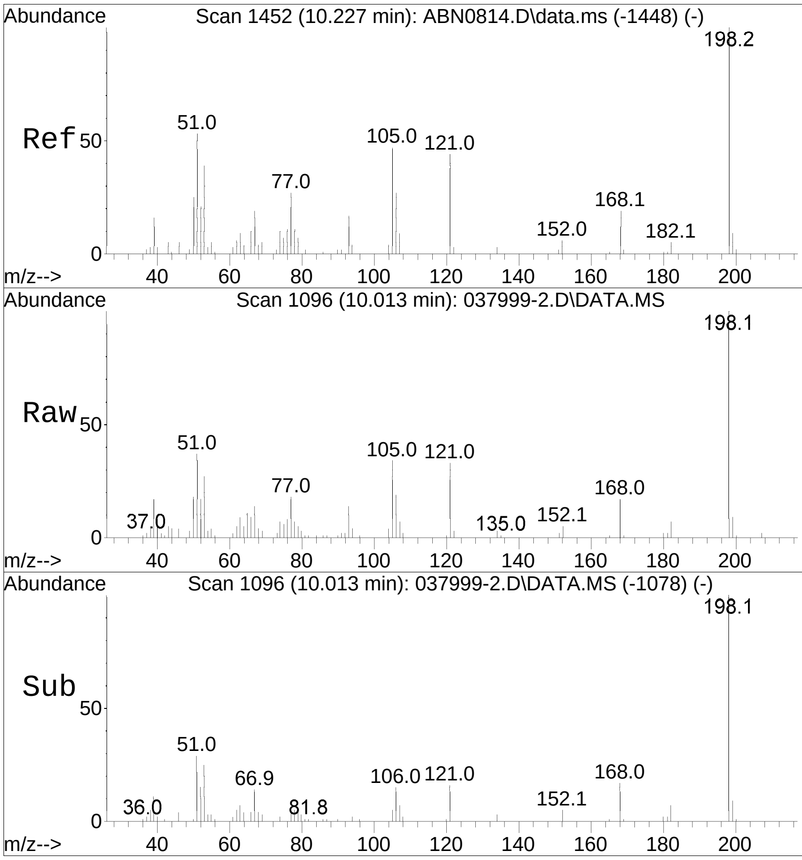


#75
4-Nitroaniline
Concen: 2.32 ug/ml
RT: 9.971 min Scan# 1090
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:138 Resp: 19868

Ion	Ratio	Lower	Upper
138	100		
108	76.5	52.1	78.1
65	130.3	115.0	172.6

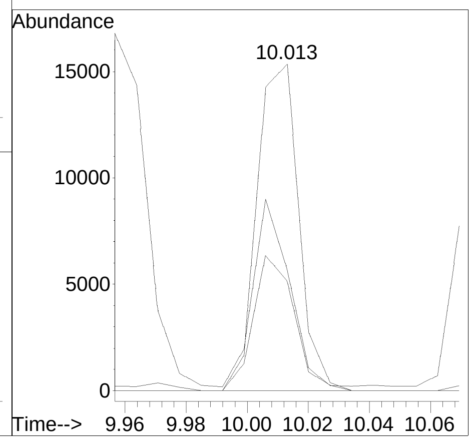


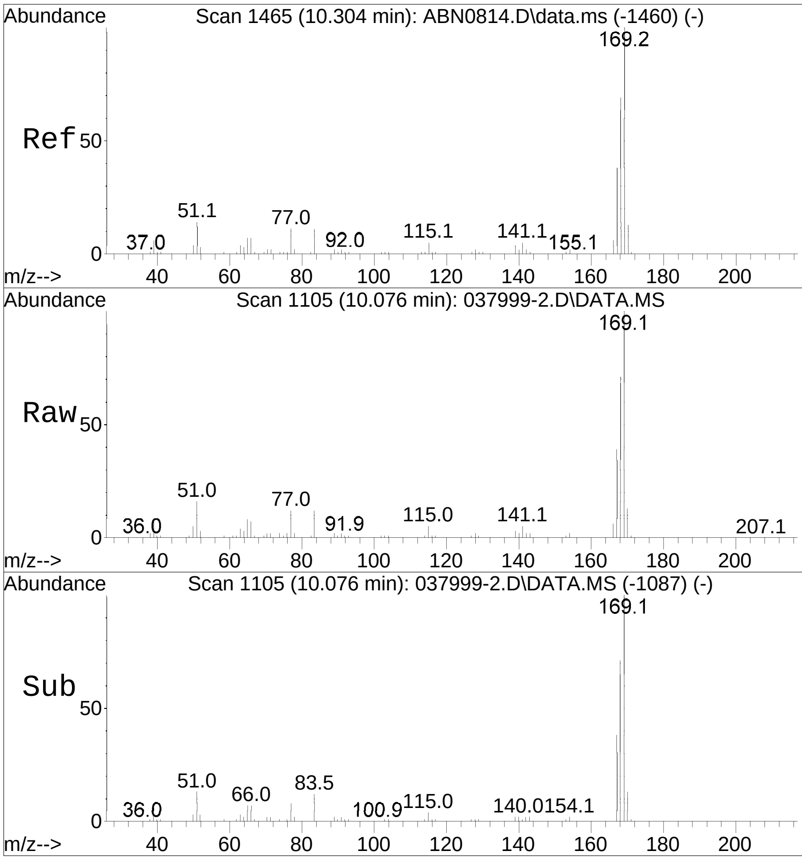


#76
4,6-Dinitro-o-cresol
Concen: 2.16 ug/ml
RT: 10.013 min Scan# 1096
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:198 Resp: 14561

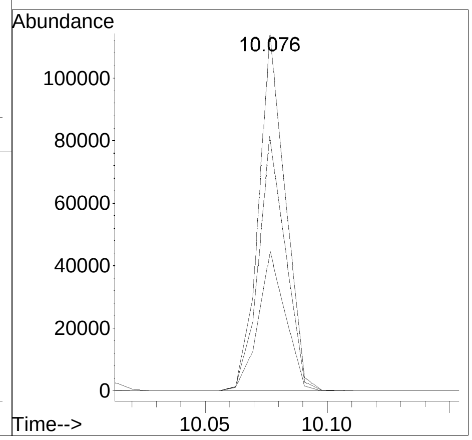
Ion	Ratio	Lower	Upper
198	100		
51	49.8	76.0	114.0#
105	40.5	45.6	68.4#

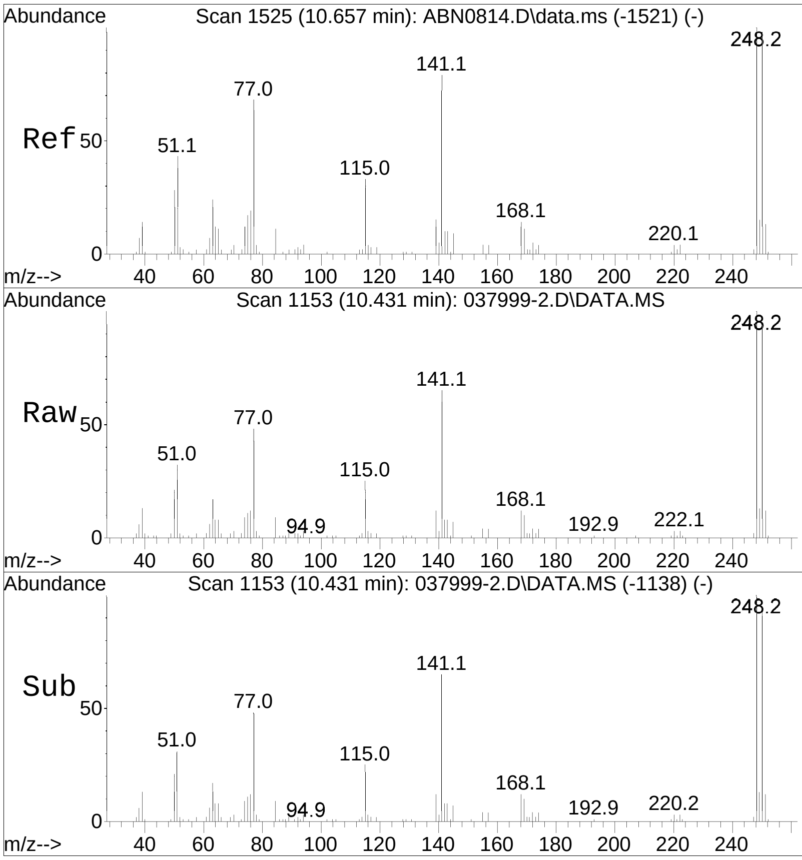





```
#77
NDPA/DPA
Concen:    2.09 ug/ml
RT:  10.076 min  Scan# 1105
Delta R.T.  -0.000 min
Lab File:   037999-2.D
Acq:  9 Mar 2025   1:03 pm

Tgt Ion:169 Resp:   87035
Ion  Ratio  Lower  Upper
169  100
168   72.1   54.0   81.0
167   39.8   28.6   42.8
```

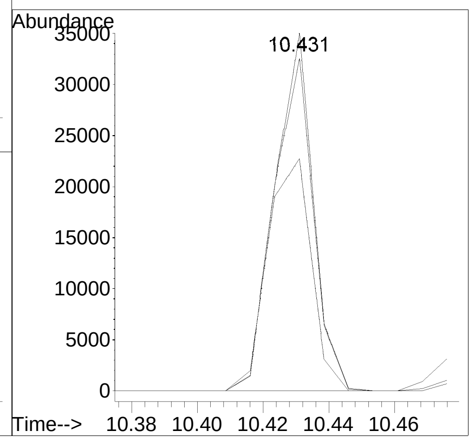


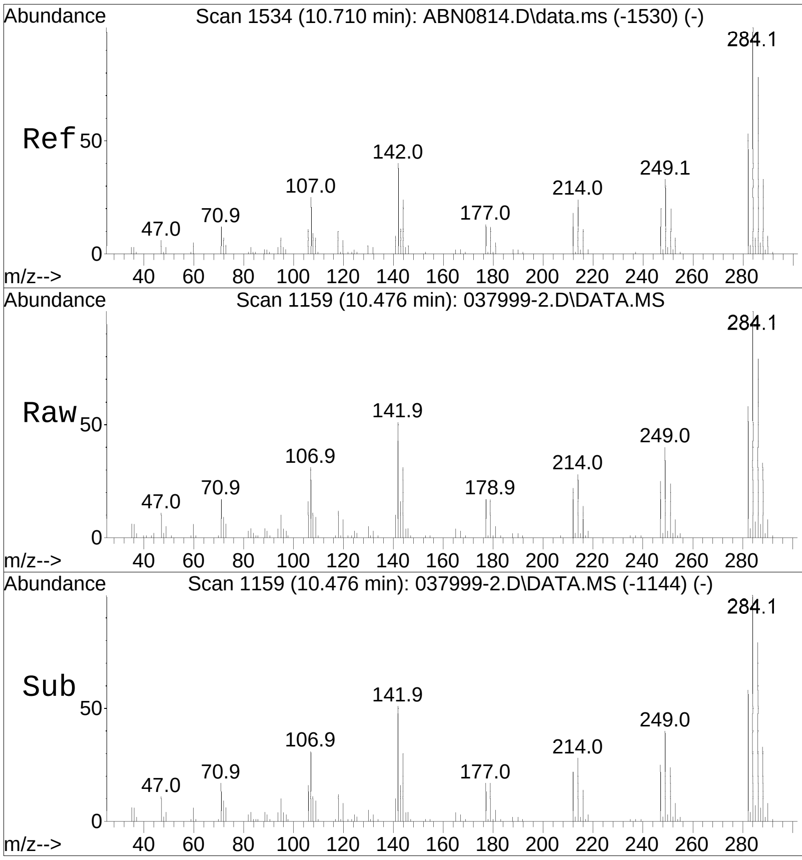


#80
4-Bromophenyl phenyl ether
Concen: 1.86 ug/ml
RT: 10.431 min Scan# 1153
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:248 Resp: 28457

Ion	Ratio	Lower	Upper
248	100		
141	73.8	76.6	114.8#
250	95.8	77.3	115.9

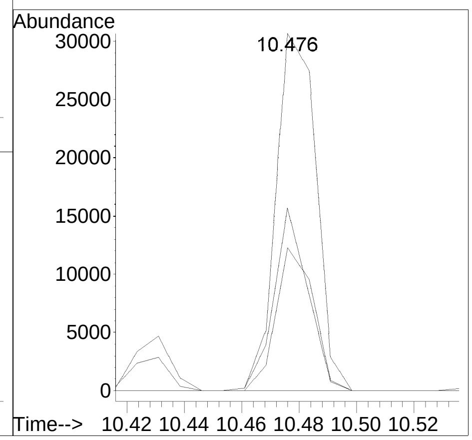


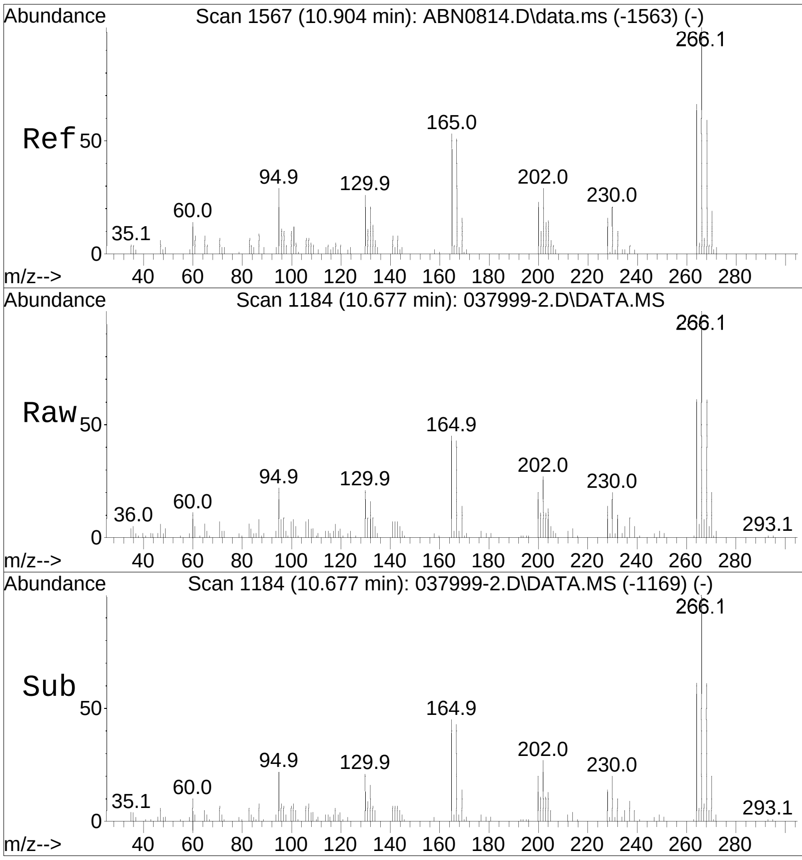


#81
Hexachlorobenzene
Concen: 1.68 ug/ml
RT: 10.476 min Scan# 1159
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:284 Resp: 29848

Ion	Ratio	Lower	Upper
284	100		
142	43.3	41.9	62.9
249	37.4	24.1	36.1#

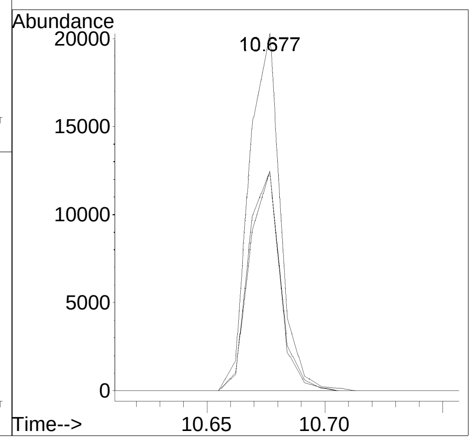


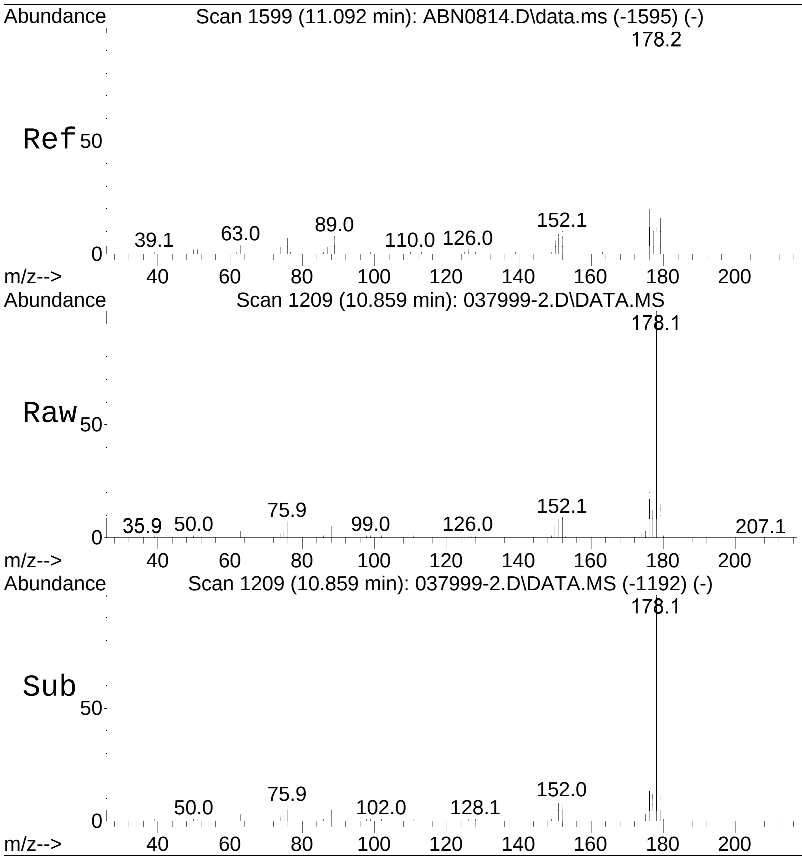


#82
Pentachlorophenol
Concen: 1.92 ug/ml
RT: 10.677 min Scan# 1184
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:266 Resp: 18673

Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.7	74.5
268	60.8	50.5	75.7

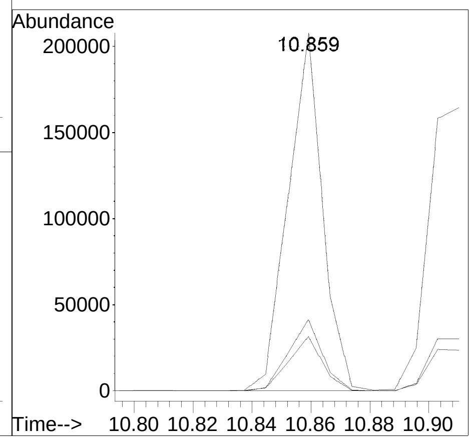


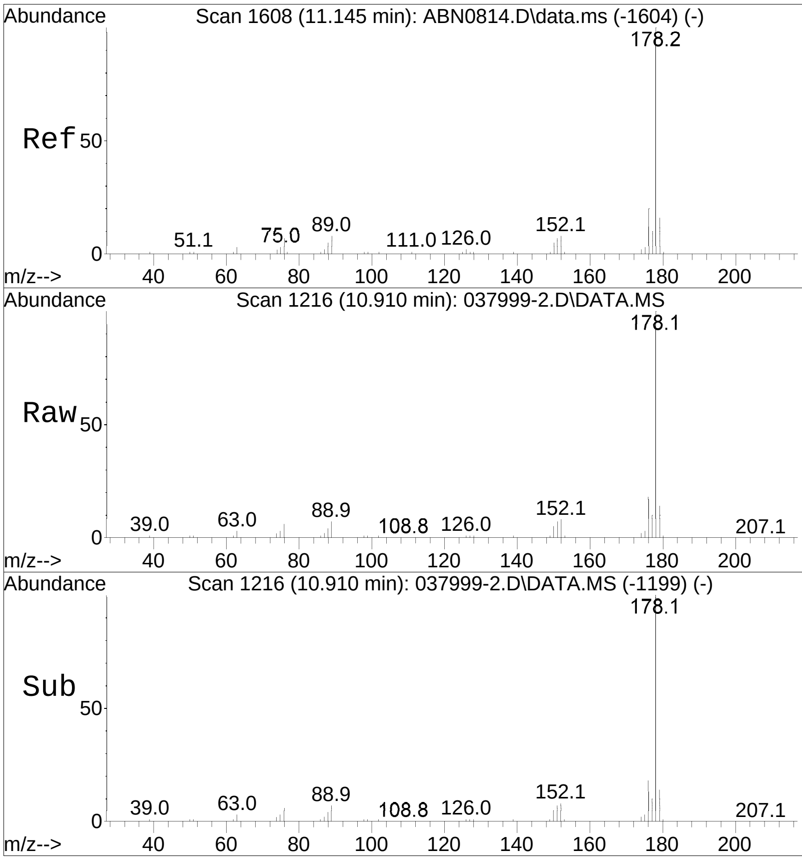


#89
Phenanthrene
Concen: 2.16 ug/ml
RT: 10.859 min Scan# 1209
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:178 Resp: 167735

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.7	15.4	23.2

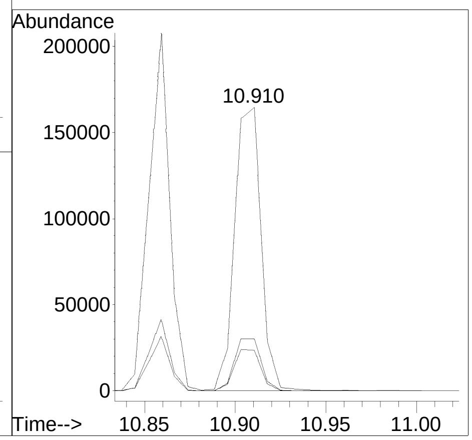


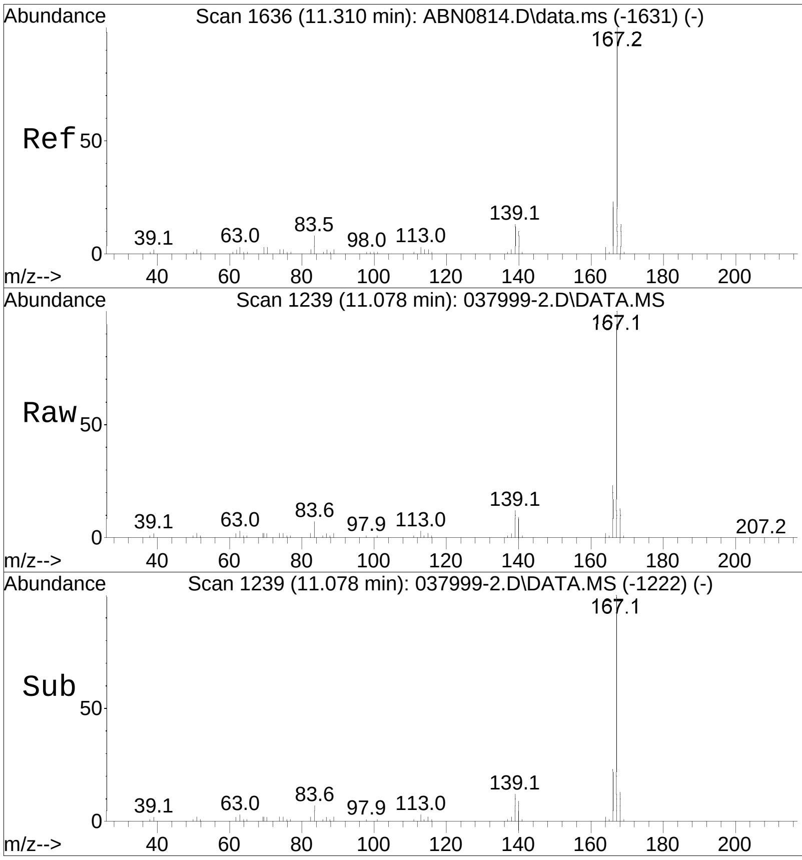


#90
Anthracene
Concen: 2.24 ug/ml
RT: 10.910 min Scan# 1216
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:178 Resp: 166749

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.0	18.0
176	18.8	14.6	22.0

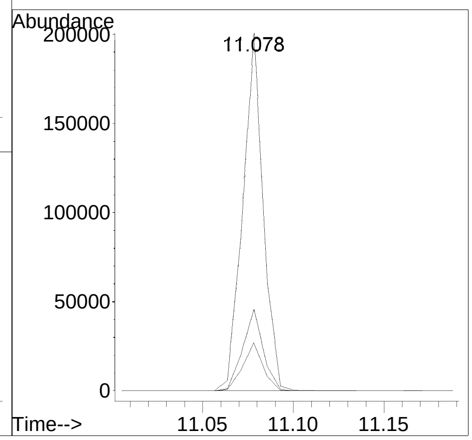


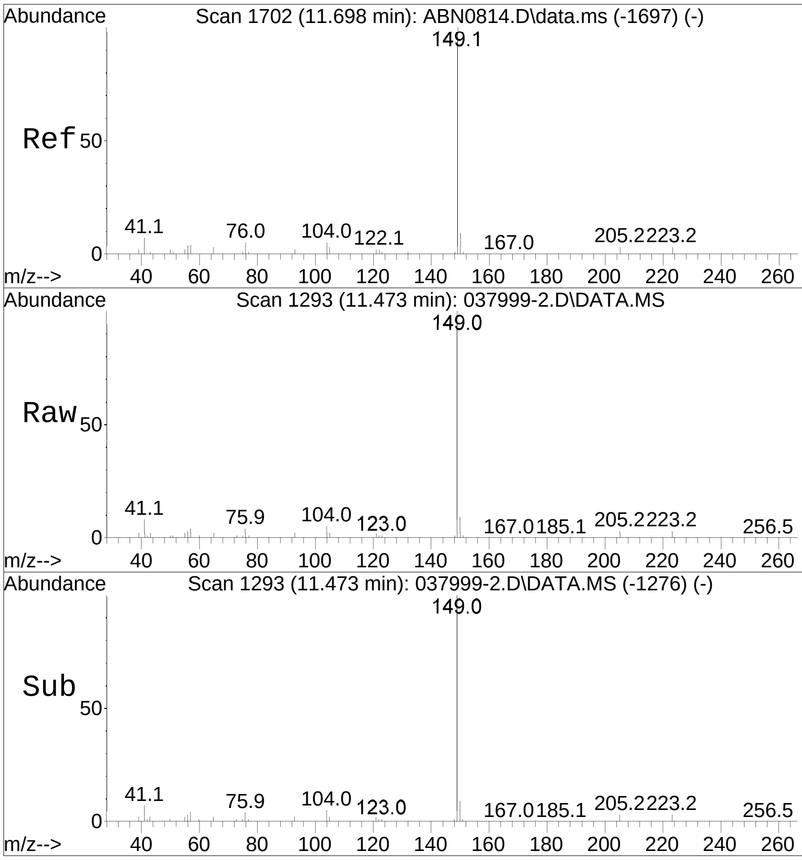


#91
Carbazole
Concen: 2.33 ug/ml
RT: 11.078 min Scan# 1239
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:167 Resp: 155665

Ion	Ratio	Lower	Upper
167	100		
168	13.3	10.6	15.8
166	22.9	17.4	26.0

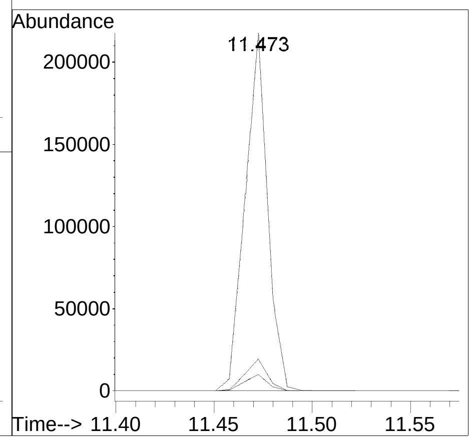


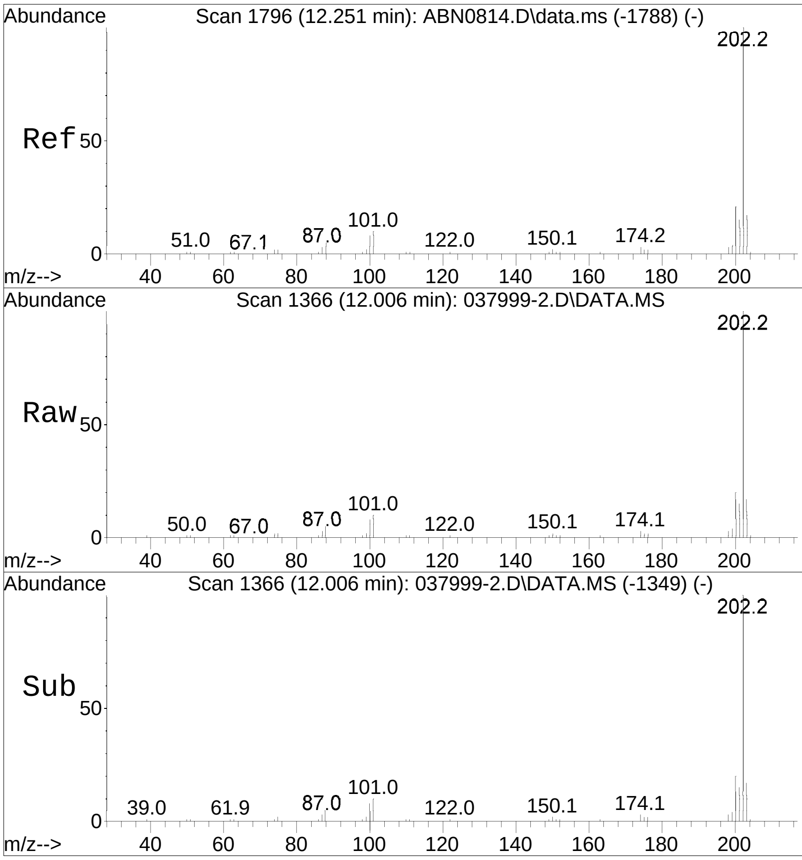


#92
Di-n-butylphthalate
Concen: 2.50 ug/ml
RT: 11.473 min Scan# 1293
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:149 Resp: 171668

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	4.7	4.5	6.7

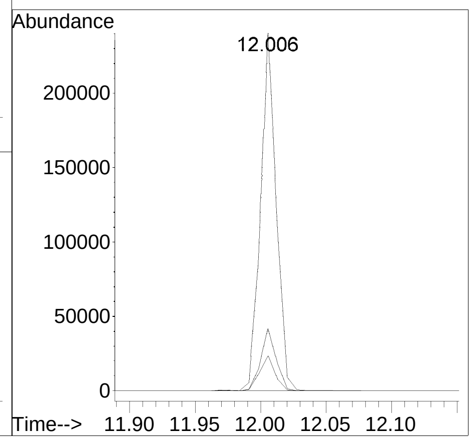


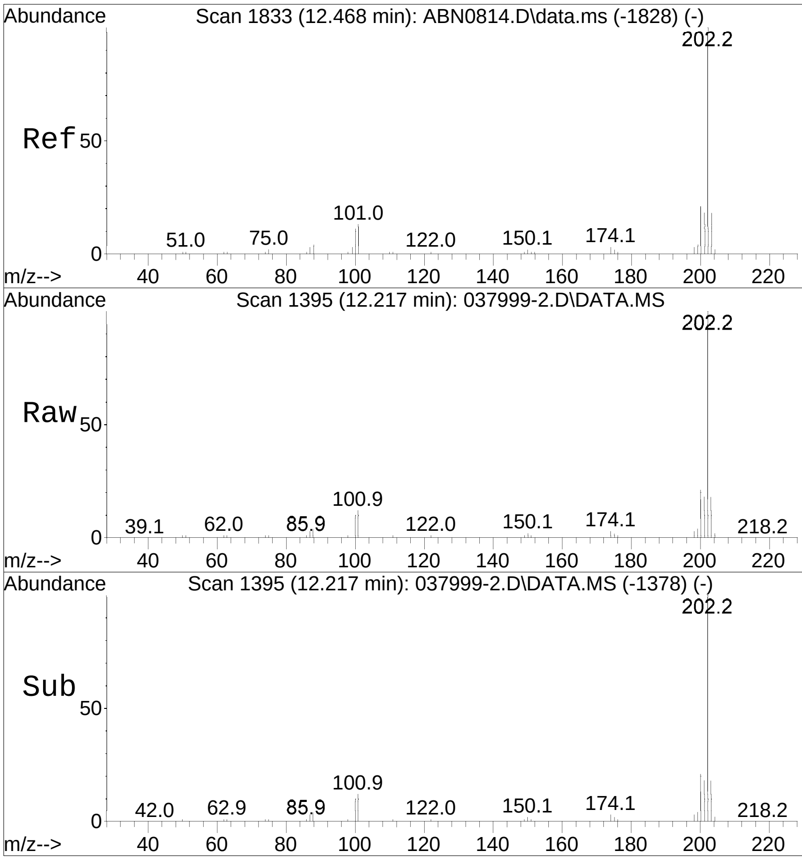


#93
Fluoranthene
Concen: 2.33 ug/ml
RT: 12.006 min Scan# 1366
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:202 Resp: 198365

Ion	Ratio	Lower	Upper
202	100		
101	9.8	13.5	20.3#
203	17.3	13.6	20.4

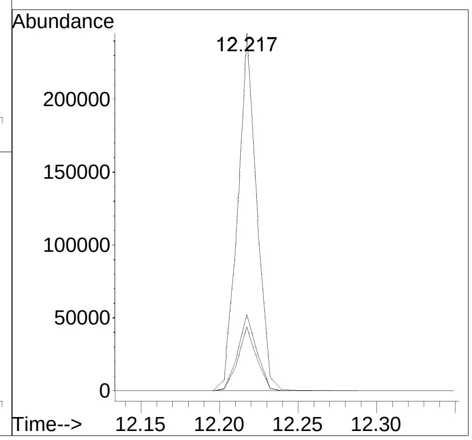


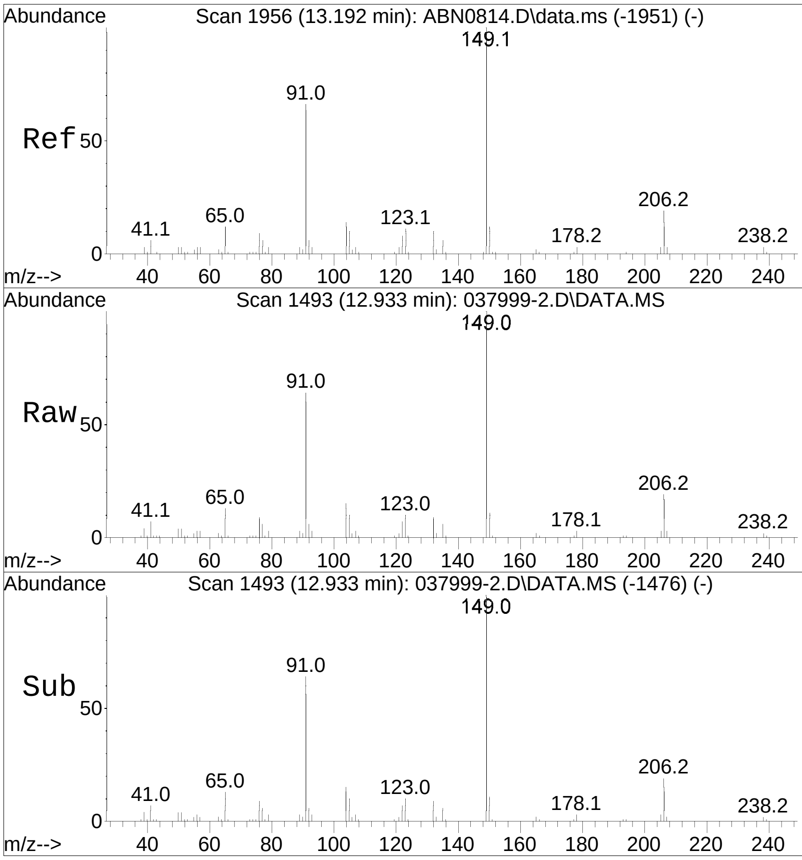


#95
Pyrene
Concen: 2.29 ug/ml
RT: 12.217 min Scan# 1395
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:202 Resp: 204093

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.6	14.2	21.4

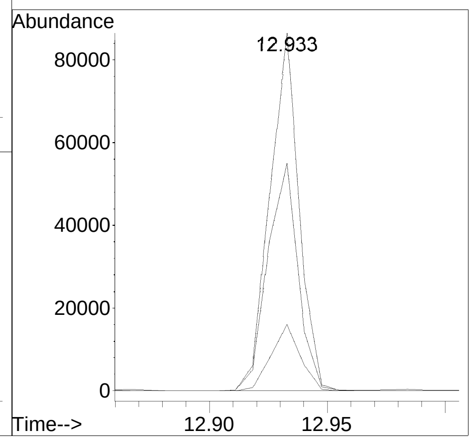


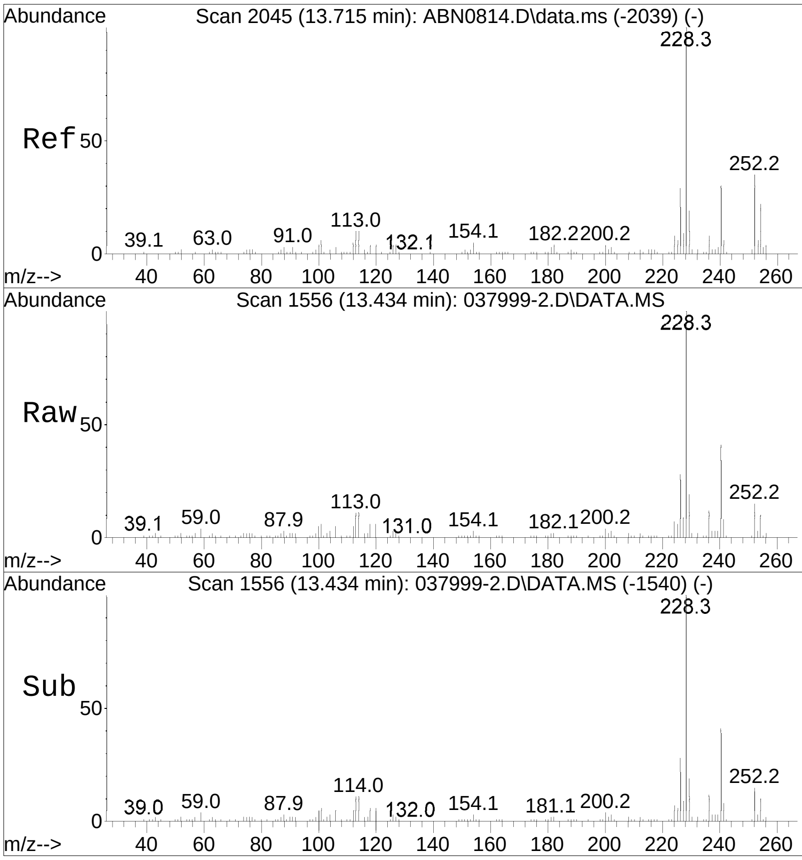


#97
Butyl benzyl phthalate
Concen: 2.45 ug/ml
RT: 12.933 min Scan# 1493
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:149 Resp: 73934

Ion	Ratio	Lower	Upper
149	100		
91	66.8	63.3	94.9
206	18.6	13.9	20.9

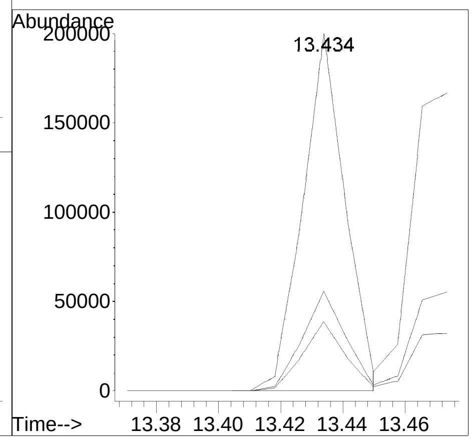


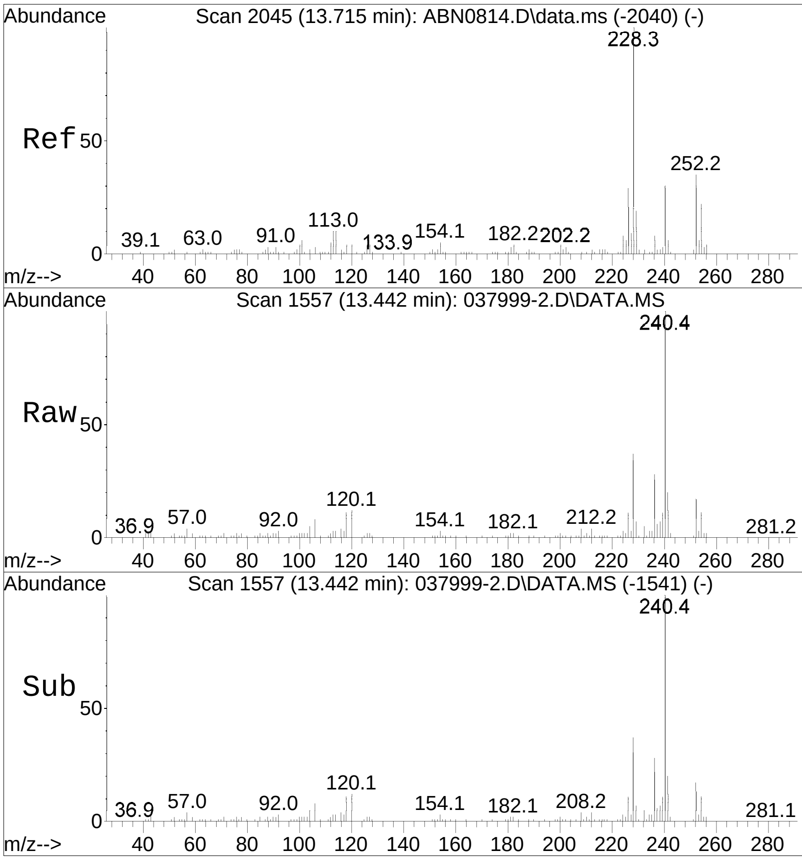


#105
Benzo(a)anthracene
Concen: 2.44 ug/ml
RT: 13.434 min Scan# 1556
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:228 Resp: 189462

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.4
229	19.5	15.6	23.4

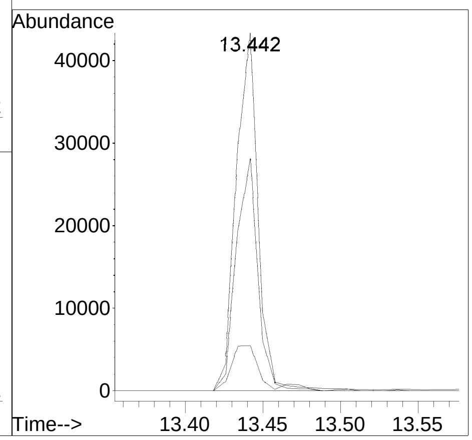


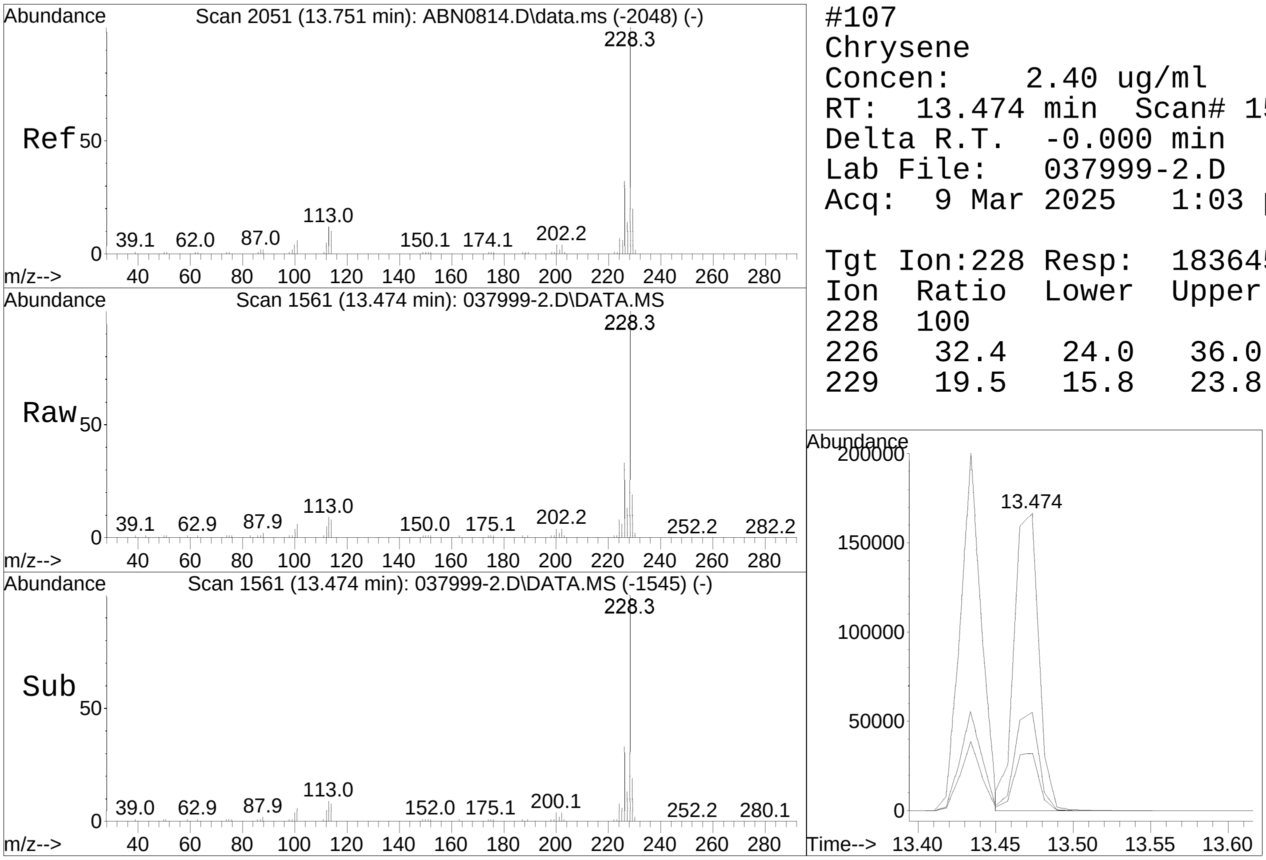


#106
3,3'-Dichlorobenzidine
Concen: 1.70 ug/ml
RT: 13.442 min Scan# 1557
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:252 Resp: 42501

Ion	Ratio	Lower	Upper
252	100		
126	17.0	14.5	21.7
254	64.0	51.2	76.8

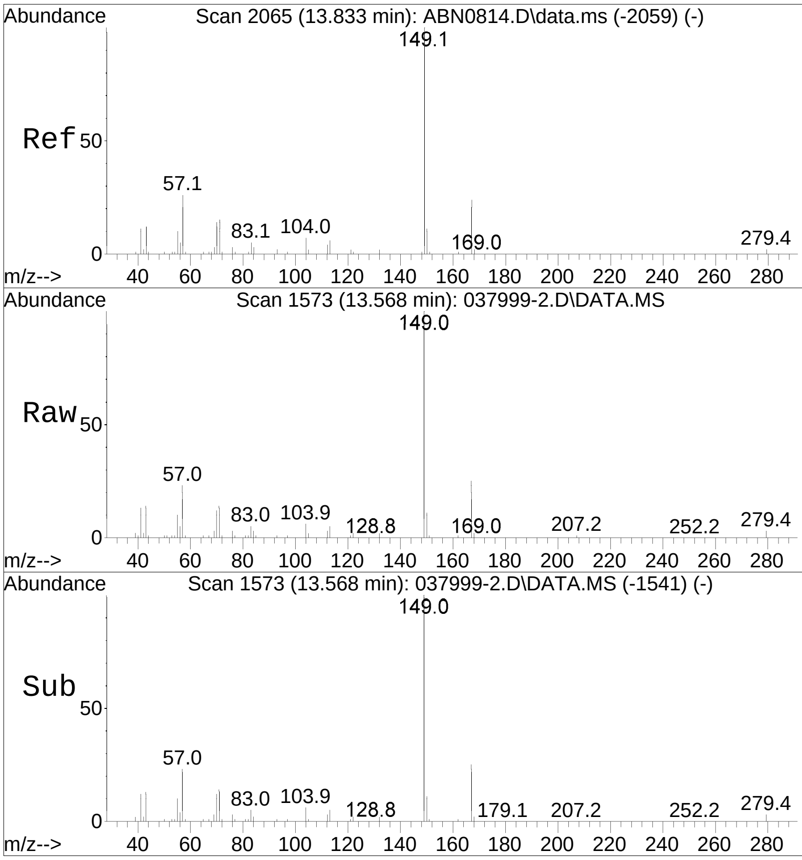




#107
Chrysene
Concen: 2.40 ug/ml
RT: 13.474 min Scan# 1561
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:228 Resp: 183645

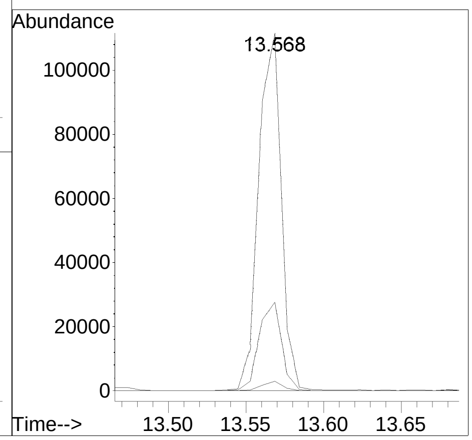
Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	19.5	15.8	23.8

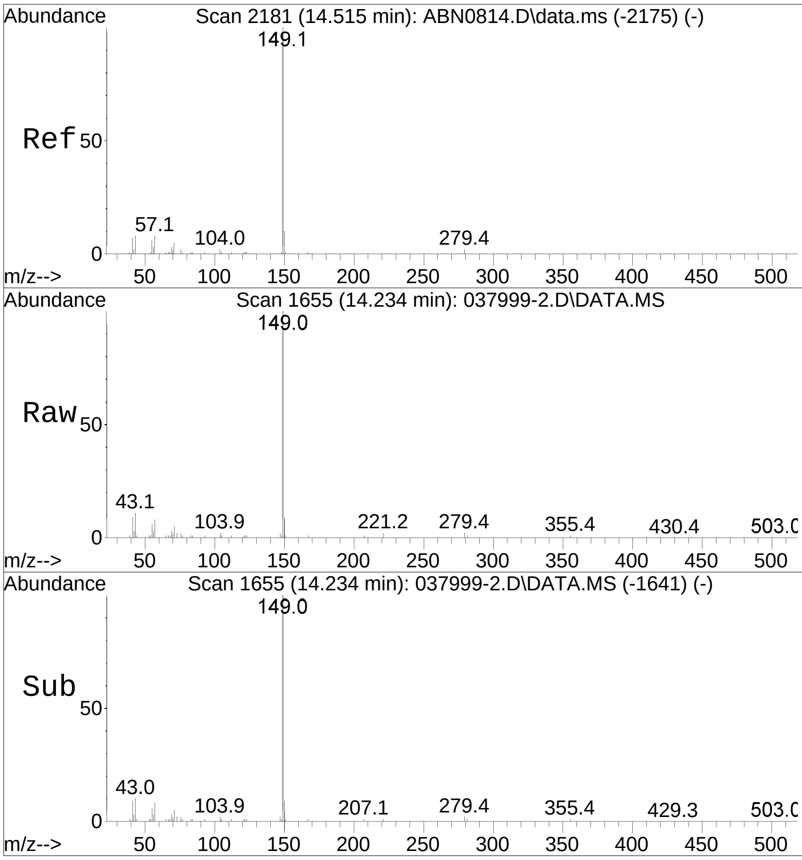


#108
Bis(2-ethylhexyl)phthalate
Concen: 2.66 ug/ml
RT: 13.568 min Scan# 1573
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:149 Resp: 112545

Ion	Ratio	Lower	Upper
149	100		
167	24.5	22.1	33.1
279	2.3	3.0	4.4#

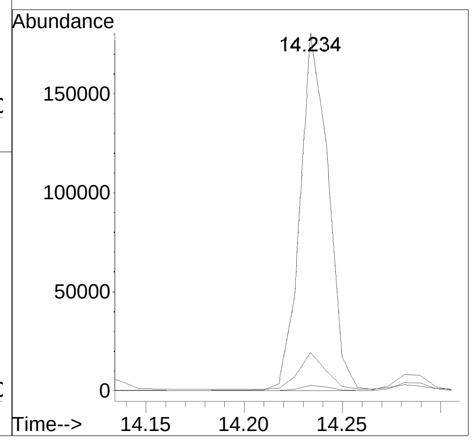


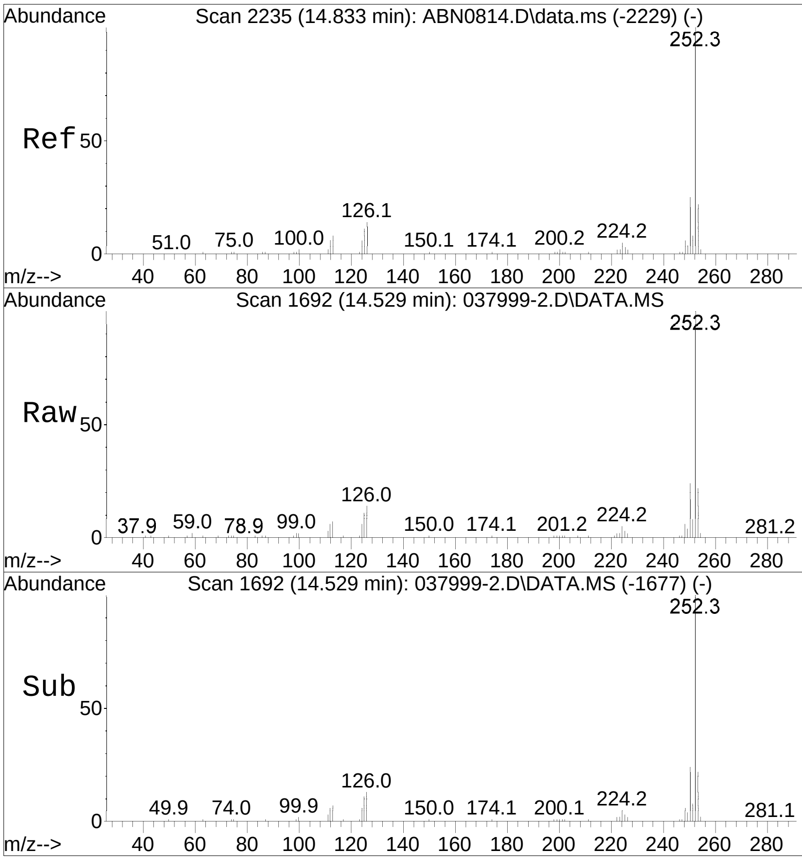


#109
Di-n-octylphthalate
Concen: 3.20 ug/ml
RT: 14.234 min Scan# 1655
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:149 Resp: 219479

Ion	Ratio	Lower	Upper
149	100		
43	8.1	18.8	28.2#
167	1.2	1.3	1.9#

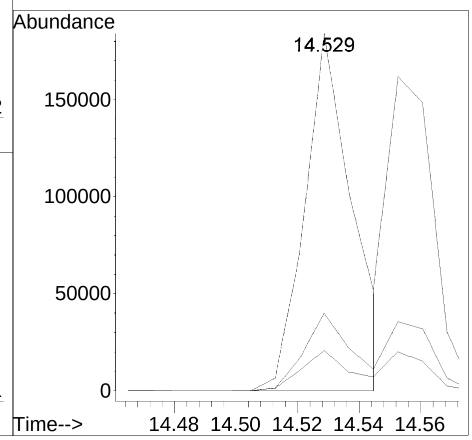


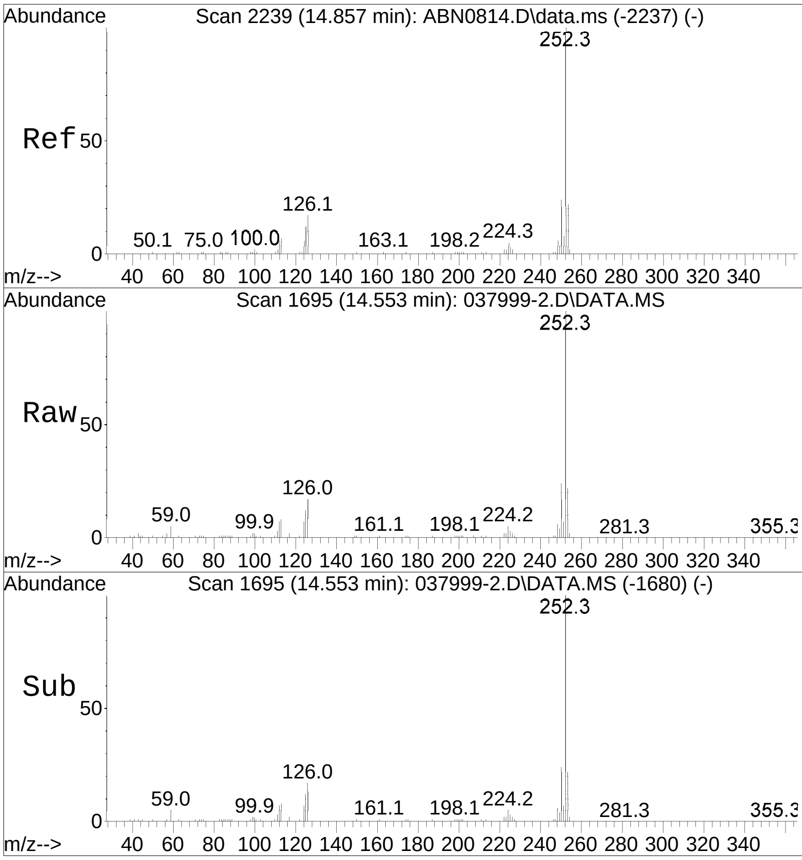


#110
Benzo(b)fluoranthene
Concen: 2.64 ug/ml
RT: 14.529 min Scan# 1692
Delta R.T. -0.008 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:252 Resp: 198480

Ion	Ratio	Lower	Upper
252	100		
125	12.1	13.3	19.9#
253	22.0	17.1	25.7

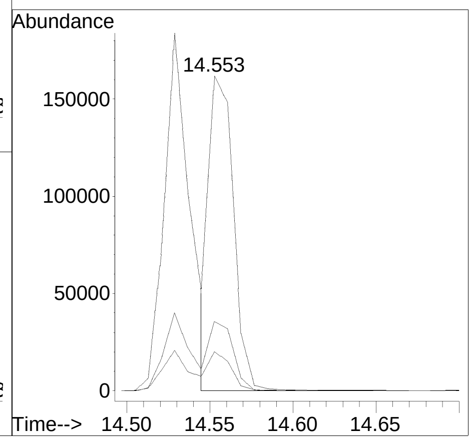


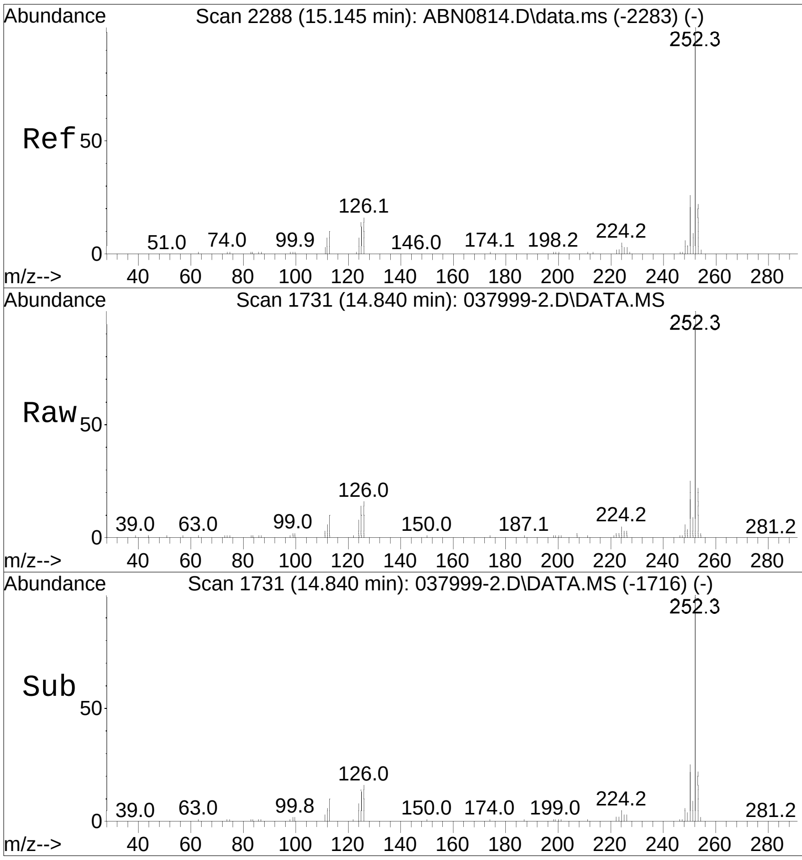


#111
Benzo(k)fluoranthene
Concen: 2.54 ug/ml
RT: 14.553 min Scan# 1695
Delta R.T. -0.008 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:252 Resp: 165310

Ion	Ratio	Lower	Upper
252	100		
125	11.4	13.0	19.6#
253	21.7	16.8	25.2

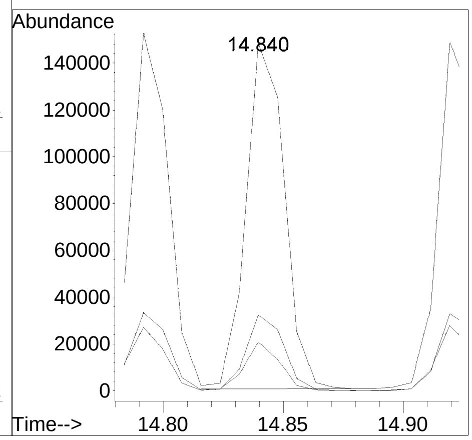


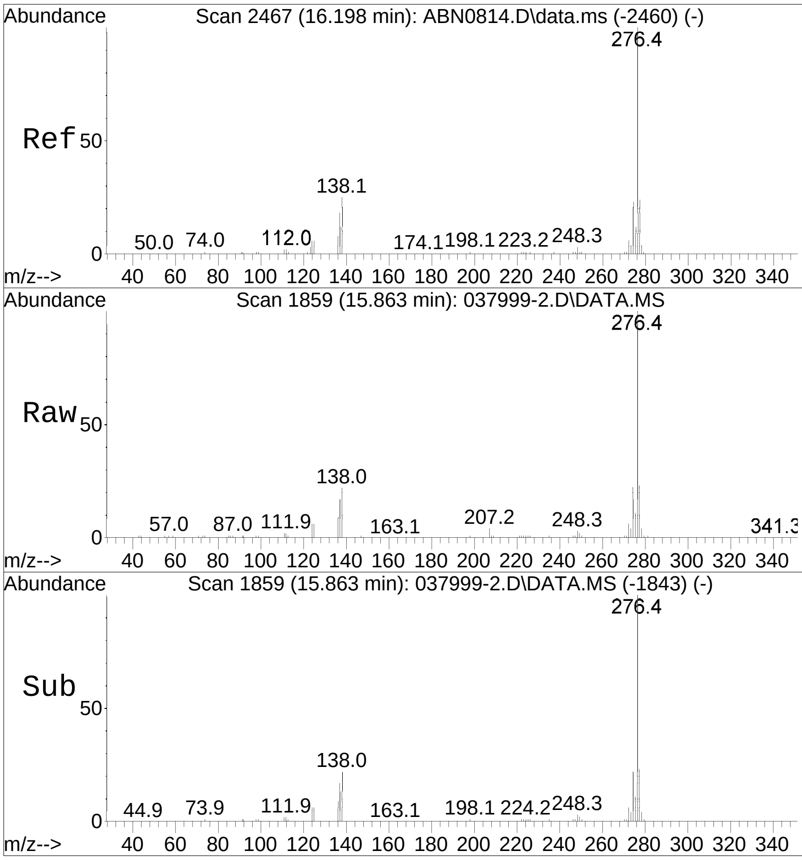


#112
Benzo(a)pyrene
Concen: 2.61 ug/ml
RT: 14.840 min Scan# 1731
Delta R.T. -0.008 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:252 Resp: 163892

Ion	Ratio	Lower	Upper
252	100		
125	12.9	14.2	21.2#
253	21.4	16.9	25.3

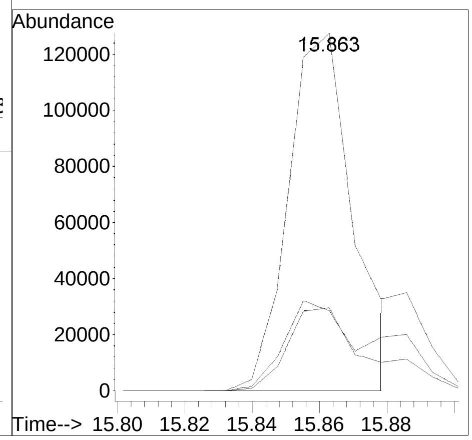


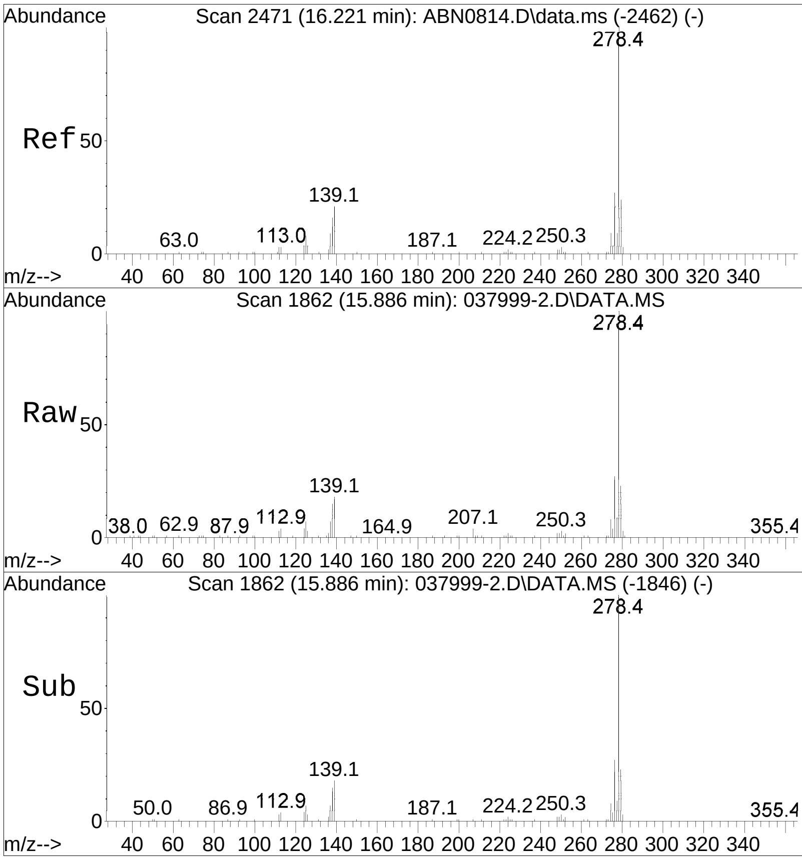


#114
Indeno(1,2,3-cd)pyrene
Concen: 2.70 ug/mL M6
RT: 15.863 min Scan# 1859
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:276 Resp: 170723

Ion	Ratio	Lower	Upper
276	100		
138	37.1	25.1	37.7
277	29.2	18.6	28.0#

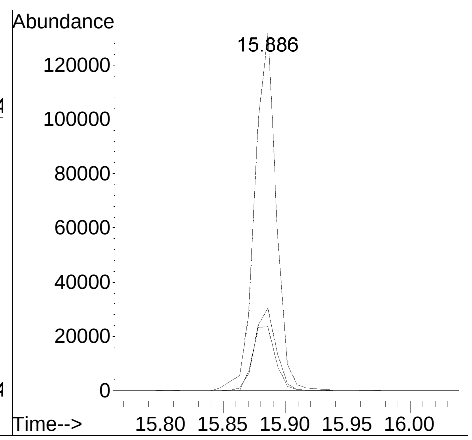


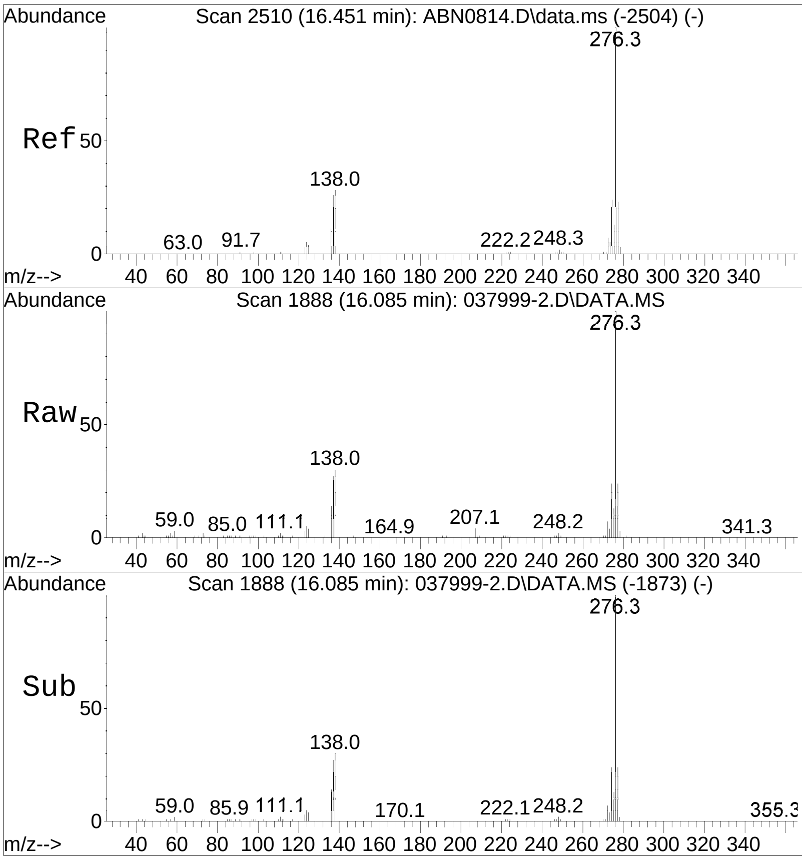


#115
Dibenzo(a,h)anthracene
Concen: 2.51 ug/ml
RT: 15.886 min Scan# 1862
Delta R.T. -0.000 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:278 Resp: 157969

Ion	Ratio	Lower	Upper
278	100		
139	19.3	20.8	31.2#
279	23.0	18.3	27.5

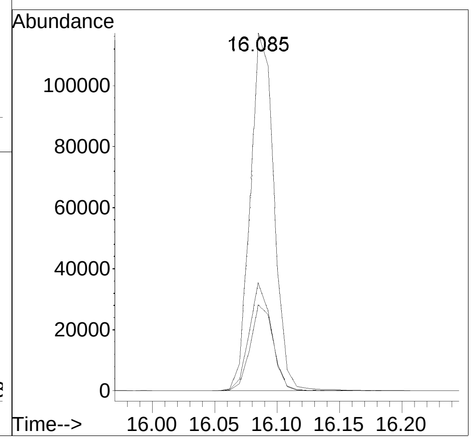




#116
Benzo(ghi)perylene
Concen: 2.43 ug/ml
RT: 16.085 min Scan# 1888
Delta R.T. -0.008 min
Lab File: 037999-2.D
Acq: 9 Mar 2025 1:03 pm

Tgt Ion:276 Resp: 154568

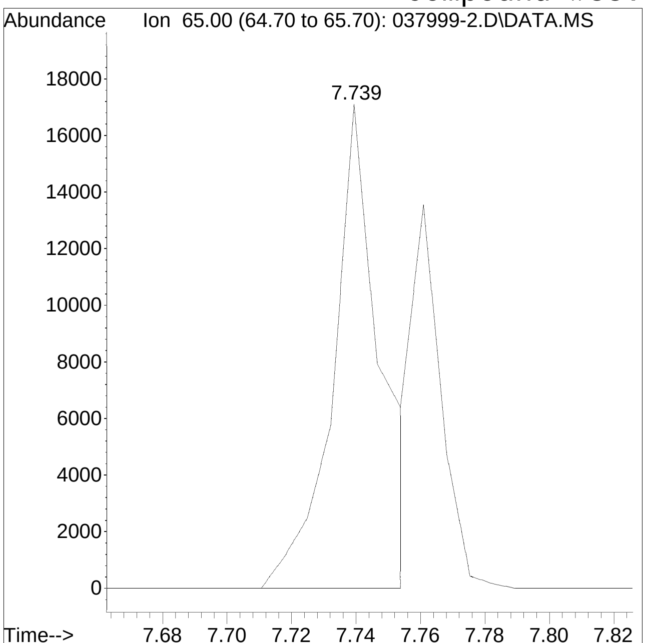
Ion	Ratio	Lower	Upper
276	100		
138	28.4	29.2	43.8#
277	23.6	18.8	28.2

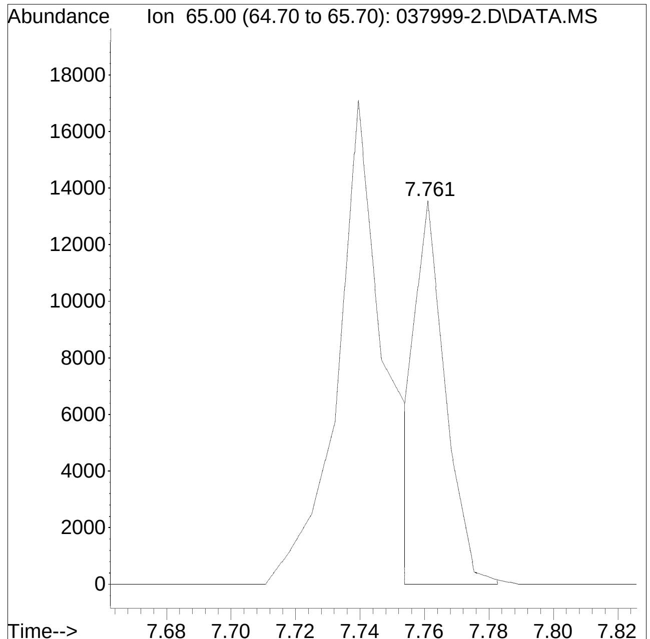


Manual Integration Report

Data Path	: I:\8270\SV107\250309RVTa\	QMethod	: FS250303SV107RVT.m
Data File	: 037999-2.D	Operator	: SV107:slr
Date Inj'd	: 3/9/2025 1:03 pm	Instrument	: SV107
Sample	: WG2037999-2,32,,cmm	Quant Date	: 3/9/2025 1:23 pm

Compound #38: 4-Chloroaniline





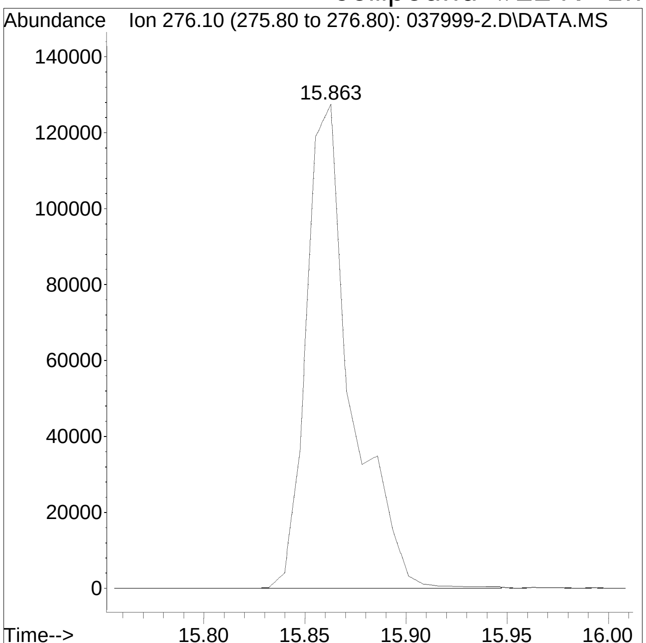
Original Peak Response = 17610 Manual Peak Response = 8144 M3

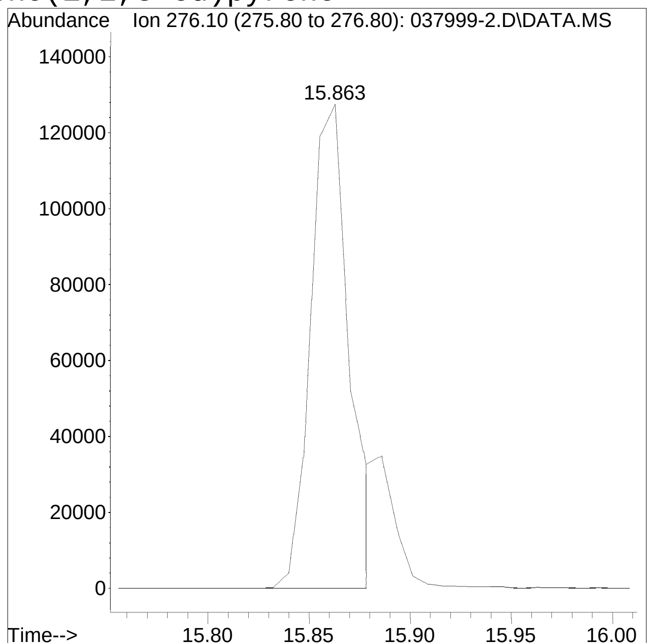
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV107\250309RVTa\ QMethod : FS250303SV107RVT.m
Data File : 037999-2.D Operator : SV107:slr
Date Inj'd : 3/9/2025 1:03 pm Instrument : SV107
Sample : WG2037999-2,32,,cmm Quant Date : 3/9/2025 1:23 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 196742 Manual Peak Response = 170723 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-3.D
Acq On    :  9 Mar 2025   1:29 pm
Operator  : SV107:slr
Sample    : WG2037999-3,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Mar 10 14:05:07 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
-------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.205  152     70640     4.000 ug/ml    0.00
    Standard Area 1 = 98614                Recovery   =   71.63%
 27) IS2_1,4-Dichlorobenzen...  6.205  152     70640     4.000 ug/ml    0.00
    Standard Area 3 = 120276                Recovery   =   58.73%
 32) IS3_1,4-Dichlorobenzen...  6.205  152     70640     4.000 ug/ml    0.00
    Standard Area 2 = 105330                Recovery   =   67.07%
 35) IS1_Naphthalene-d8         7.646  136    248540     4.000 ug/ml    0.00
    Standard Area 1 = 354239                Recovery   =   70.16%
 55) IS2_Naphthalene-d8         7.646  136    248540     4.000 ug/ml    0.00
    Standard Area 3 = 418637                Recovery   =   59.37%
 63) IS1_Acenaphthene-d10       9.412  164    142767     4.000 ug/ml    0.00
    Standard Area 1 = 210099                Recovery   =   67.95%
 83) IS2_Acenaphthene-d10       9.412  164    142767     4.000 ug/ml    0.00
    Standard Area 3 = 236989                Recovery   =   60.24%
 86) IS3_Acenaphthene-d10       9.412  164    142767     4.000 ug/ml    0.00
    Standard Area 2 = 211502                Recovery   =   67.50%
 88) IS1_Phenanthrene-d10      10.837  188    282677     4.000 ug/ml    0.00
    Standard Area 1 = 411555                Recovery   =   68.69%
100) IS3_Phenanthrene-d10      10.837  188    282677     4.000 ug/ml  # 0.00
    Standard Area 2 = 444075                Recovery   =   63.66%
104) IS1_Chrysene-d12          13.442  240    265887     4.000 ug/ml  # 0.00
    Standard Area 1 = 416424                Recovery   =   63.85%
113) IS1_Perylene-d12          14.903  264    263812     4.000 ug/ml    0.00
    Standard Area 1 = 407947                Recovery   =   64.67%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.172  112     26248     1.464 ug/ml   0.01
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   73.20%
 7) Phenol-d6                   5.848   99     24384     1.116 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   55.80%
 19) Nitrobenzene-d5            6.879   82     18795     0.945 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   94.50%
 46) 2-Fluorobiphenyl           8.777  172     46045     0.755 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   75.50%
 79) 2,4,6-Tribromophenol      10.175  330     11015     1.533 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   76.65%
```

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-3.D
Acq On    :  9 Mar 2025   1:29 pm
Operator  : SV107:slr
Sample    : WG2037999-3,32,,cmm
Misc      : wg2038279,WG2037999,ical22052
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Mar 10 14:05:07 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	12.407	244	66082	0.969	ug/ml	0.00

Spiked Amount 1.000   Range 30 - 130   Recovery = 96.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) 2-Chlorophenol	5.941	128	41850	2.083	ug/ml	92
8) Phenol	5.856	94	30394	1.238	ug/ml	98
9) Bis(2-chloroethyl)ether	5.933	93	40774	2.084	ug/ml#	83
10) 1,3-Dichlorobenzene	6.128	146	39575	1.489	ug/ml	96
11) 1,4-Dichlorobenzene	6.222	146	41132	1.501	ug/ml	97
12) 1,2-Dichlorobenzene	6.409	146	40345	1.556	ug/ml	95
13) Benzyl alcohol	6.426	79	32147	2.141	ug/ml	98
14) Bis(2-chloroisopropyl)...	6.609	45	75808	2.370	ug/ml#	58
15) 2-Methylphenol	6.609	108	39586	2.195	ug/ml	96
16) Hexachloroethane	6.796	117	13819	1.509	ug/ml#	59
17) n-Nitrosodi-n-propylamine	6.759	70	30213	2.127	ug/ml	94
18) 3-Methylphenol/4-Methy...	6.796	108	35292	1.854	ug/ml	90
20) Nitrobenzene	6.901	77	41767	2.075	ug/ml	98
21) Isophorone	7.187	82	78016	2.017	ug/ml	97
22) 2-Nitrophenol	7.262	139	20082	2.107	ug/ml#	92
23) 2,4-Dimethylphenol	7.367	107	20811	1.015	ug/ml	98
24) Bis(2-chloroethoxy)met...	7.457	93	64766	2.309	ug/ml	97
25) 2,4-Dichlorophenol	7.531	162	43395	2.083	ug/ml#	93
26) 1,2,4-Trichlorobenzene	7.603	180	38533	1.438	ug/ml	96
29) Acetophenone	6.721	105	67169	2.585	ug/ml#	89
36) Naphthalene	7.667	128	114951	1.800	ug/ml	99
37) Benzoic Acid	7.442	105	12722	1.712	ug/ml	93
38) 4-Chloroaniline	7.761	65	8829M3	1.094	ug/ml	
39) Hexachlorobutadiene	7.840	225	20205	1.317	ug/ml	99
40) p-Chloro-m-cresol	8.292	107	37960	2.236	ug/ml	97
41) 2-Methylnaphthalene	8.390	142	71779	1.759	ug/ml	96
43) Hexachlorocyclopentadiene	8.570	237	19918	1.155	ug/ml	96
44) 2,4,6-Trichlorophenol	8.687	196	32380	1.971	ug/ml	99
45) 2,4,5-Trichlorophenol	8.723	196	36750	2.147	ug/ml	99
47) 2-Chloronaphthalene	8.867	162	85711	1.736	ug/ml	100
48) 2-Nitroaniline	8.984	138	25698	2.130	ug/ml	86
51) Dimethyl phthalate	9.186	163	115824	1.936	ug/ml#	99
52) Acenaphthylene	9.265	152	150556	2.001	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-3.D
Acq On : 9 Mar 2025 1:29 pm
Operator : SV107:slr
Sample : WG2037999-3,32,,cmm
Misc : wg2038279,WG2037999,ical22052
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 14:05:07 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
: 2 - I:\8270\SV107\250309RVTa\ADP0309.D
: 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 2,6-Dinitrotoluene	9.235	165	22387	1.996 ug/ml#	76
61) 1,2,4,5-Tetrachloroben...	8.561	216	45825	1.723 ug/ml	95
62) Biphenyl	8.867	154	111107	1.844 ug/ml	98
64) 3-Nitroaniline	9.382	138	21277	2.293 ug/ml#	95
65) Acenaphthene	9.441	154	80235	2.077 ug/ml	88
66) 2,4-Dinitrophenol	9.490	184	11953	2.557 ug/ml	88
67) Dibenzofuran	9.607	168	139738	2.121 ug/ml	90
68) 2,4-Dinitrotoluene	9.617	165	29848	2.216 ug/ml#	85
69) 4-Nitrophenol	9.578	65	14548	2.036 ug/ml#	1
72) Diethyl phthalate	9.879	149	113114	2.379 ug/ml	98
73) Fluorene	9.936	166	111935	2.194 ug/ml	93
74) 4-Chlorophenyl phenyl ...	9.964	204	54794	2.093 ug/ml	89
75) 4-Nitroaniline	9.971	138	21215	2.415 ug/ml#	86
76) 4,6-Dinitro-o-cresol	10.006	198	16654	2.356 ug/ml#	62
77) NDPA/DPA	10.076	169	93077	2.172 ug/ml	94
80) 4-Bromophenyl phenyl e...	10.431	248	30787	1.963 ug/ml#	87
81) Hexachlorobenzene	10.476	284	31730	1.733 ug/ml	89
82) Pentachlorophenol	10.677	266	20725	2.073 ug/ml	99
89) Phenanthrene	10.859	178	178549	2.237 ug/ml	100
90) Anthracene	10.903	178	177569	2.325 ug/ml	99
91) Carbazole	11.078	167	167366	2.435 ug/ml	98
92) Di-n-butylphthalate	11.473	149	192362	2.732 ug/ml	99
93) Fluoranthene	12.006	202	219444	2.512 ug/ml#	91
95) Pyrene	12.217	202	225786	2.463 ug/ml	99
97) Butyl benzyl phthalate	12.933	149	83697	2.651 ug/ml	88
105) Benzo(a)anthracene	13.434	228	208523	2.512 ug/ml	98
106) 3,3'-Dichlorobenzidine	13.442	252	41525	1.551 ug/ml	98
107) Chrysene	13.474	228	206624	2.521 ug/ml	98
108) Bis(2-ethylhexyl)phtha...	13.569	149	130413	2.863 ug/ml#	94
109) Di-n-octylphthalate	14.242	149	248252	3.364 ug/ml#	75
110) Benzo(b)fluoranthene	14.537	252	201774	2.507 ug/ml#	95
111) Benzo(k)fluoranthene	14.561	252	196477	2.818 ug/ml#	95
112) Benzo(a)pyrene	14.848	252	183052	2.729 ug/ml#	94
114) Indeno(1,2,3-cd)pyrene	15.863	276	182317M6	2.750 ug/mL	
115) Dibenzo(a,h)anthracene	15.886	278	175215	2.655 ug/ml#	93
116) Benzo(ghi)perylene	16.093	276	175915	2.639 ug/ml#	91

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-3.D
Acq On   : 9 Mar 2025   1:29 pm
Operator : SV107:slr
Sample   : WG2037999-3,32,,cmm
Misc   : wg2038279,WG2037999,ical22052
ALS Vial : 3   Sample Multiplier: 1

Quant Time: Mar 10 14:05:07 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\250309RVTa\ABN0309.D
             : 2 - I:\8270\SV107\250309RVTa\ADP0309.D
             : 3 - I:\8270\SV107\250309RVTa\AP90309.D
Sub List   : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

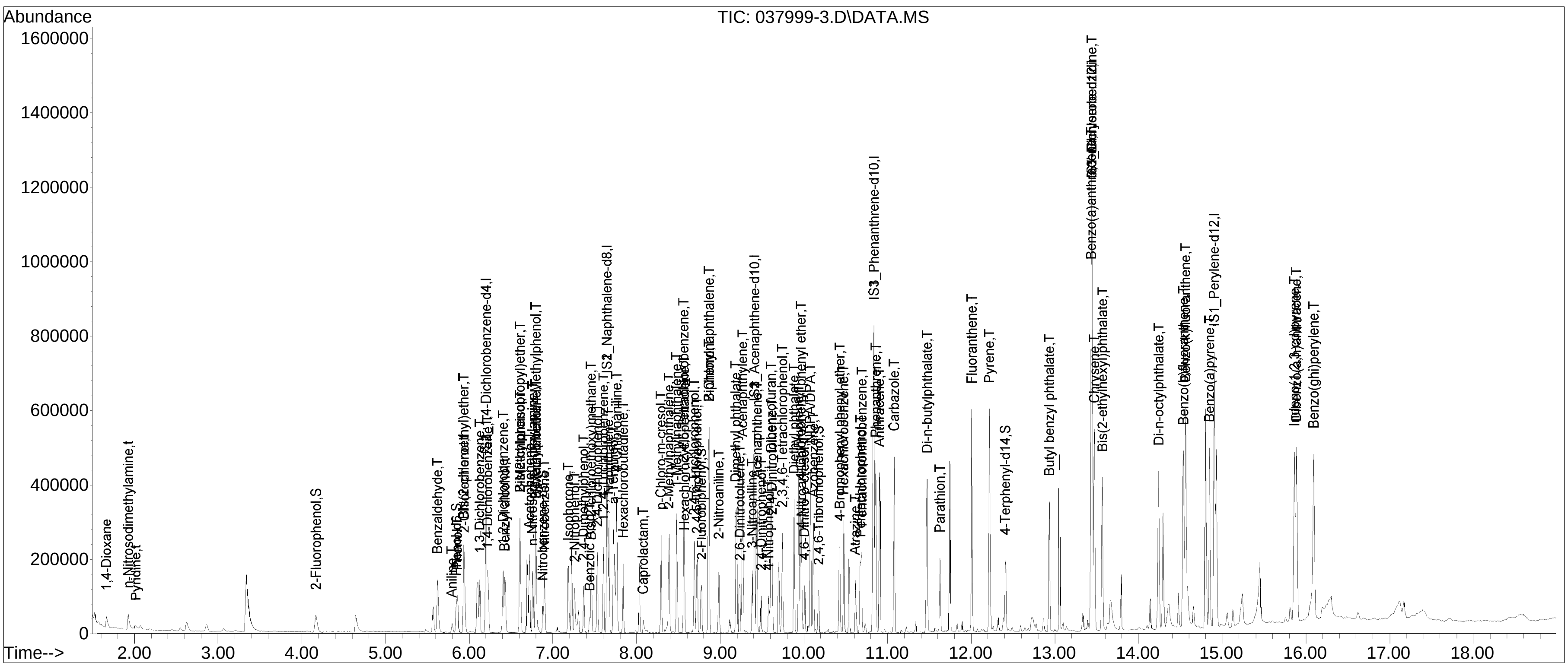
(#) = qualifier out of range (m) = manual integration (+) = signals summed

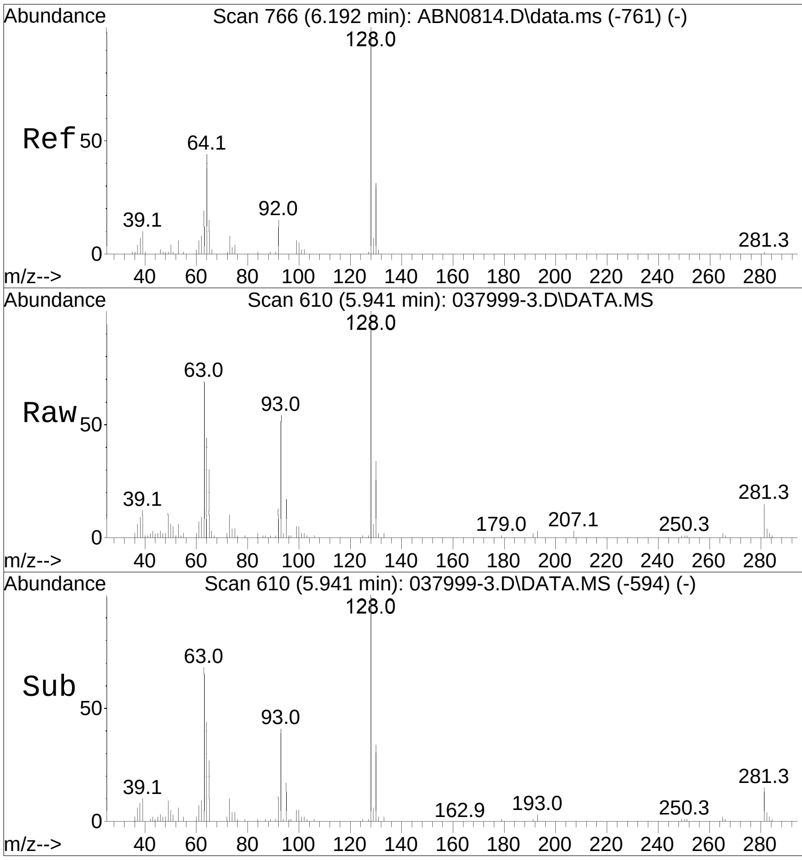
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-3.D
Acq On   : 9 Mar 2025   1:29 pm
Operator : SV107:slr
Sample   : WG2037999-3,32,,cmm
Misc   : wg2038279,WG2037999,ical22052
ALS Vial : 3   Sample Multiplier: 1

Quant Time: Mar 10 14:05:07 2025
Quant Method : I:\8270\SV107\250309RVTa\FS250303SV107RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 12:34:38 2025
Response via : Initial Calibration

Sub List   : 8270TCL_REV2 - TCL/CT/MARVTa\AP90309.D•

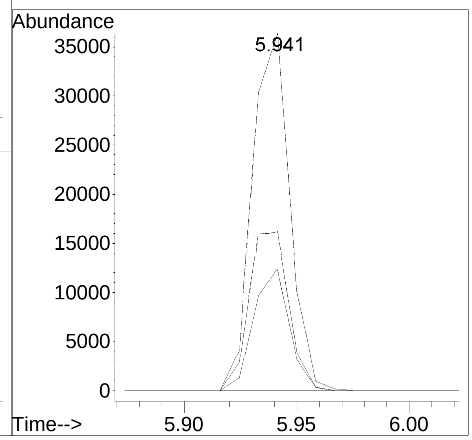


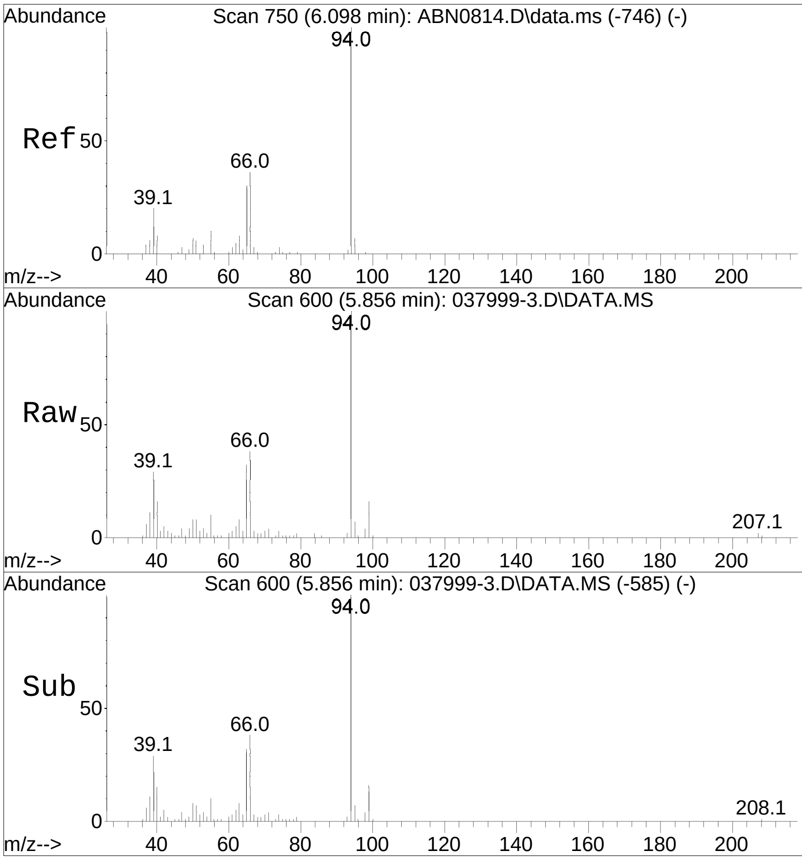


#6
2-Chlorophenol
Concen: 2.08 ug/ml
RT: 5.941 min Scan# 610
Delta R.T. 0.008 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:128 Resp: 41850

Ion	Ratio	Lower	Upper
128	100		
64	47.7	45.1	67.7
130	32.6	26.2	39.4

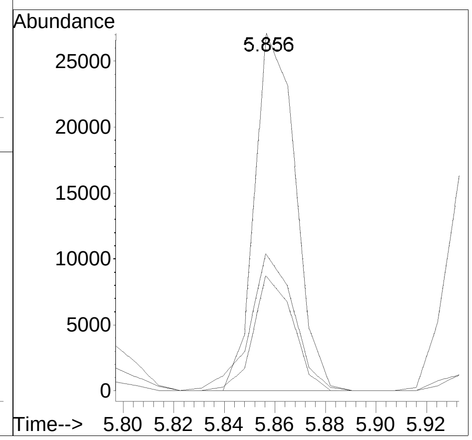


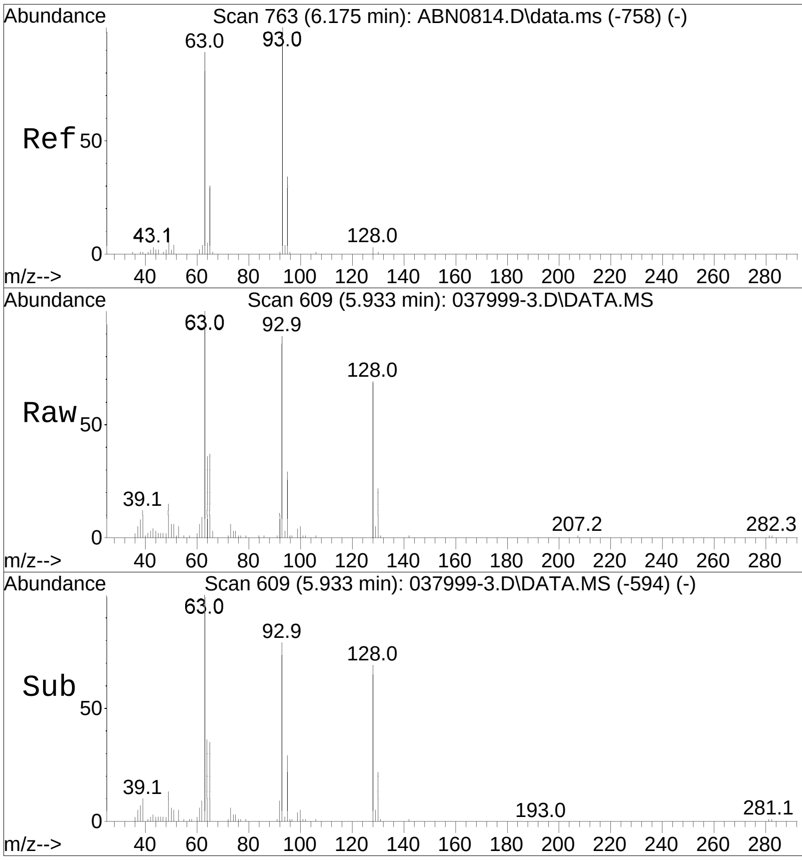


#8
Phenol
Concen: 1.24 ug/ml
RT: 5.856 min Scan# 600
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion: 94 Resp: 30394

Ion	Ratio	Lower	Upper
94	100		
65	31.3	26.0	39.0
66	41.4	33.8	50.8

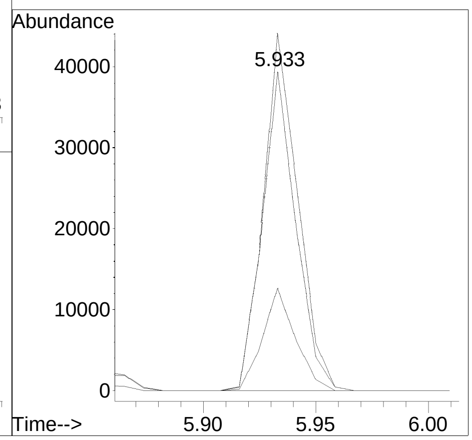


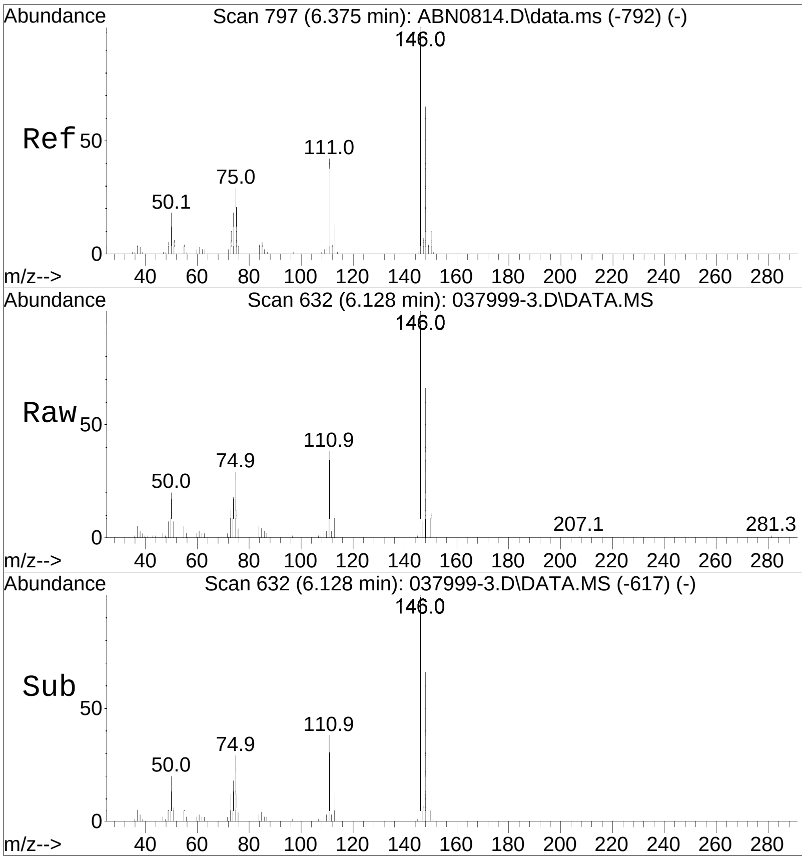


#9
Bis(2-chloroethyl)ether
Concen: 2.08 ug/ml
RT: 5.933 min Scan# 609
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion: 93 Resp: 40774

Ion	Ratio	Lower	Upper
93	100		
63	114.8	74.6	111.8#
95	31.4	25.9	38.9

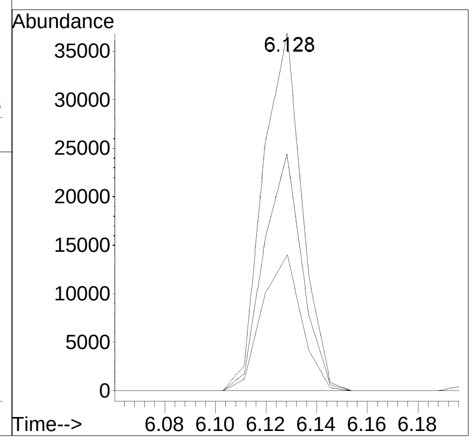


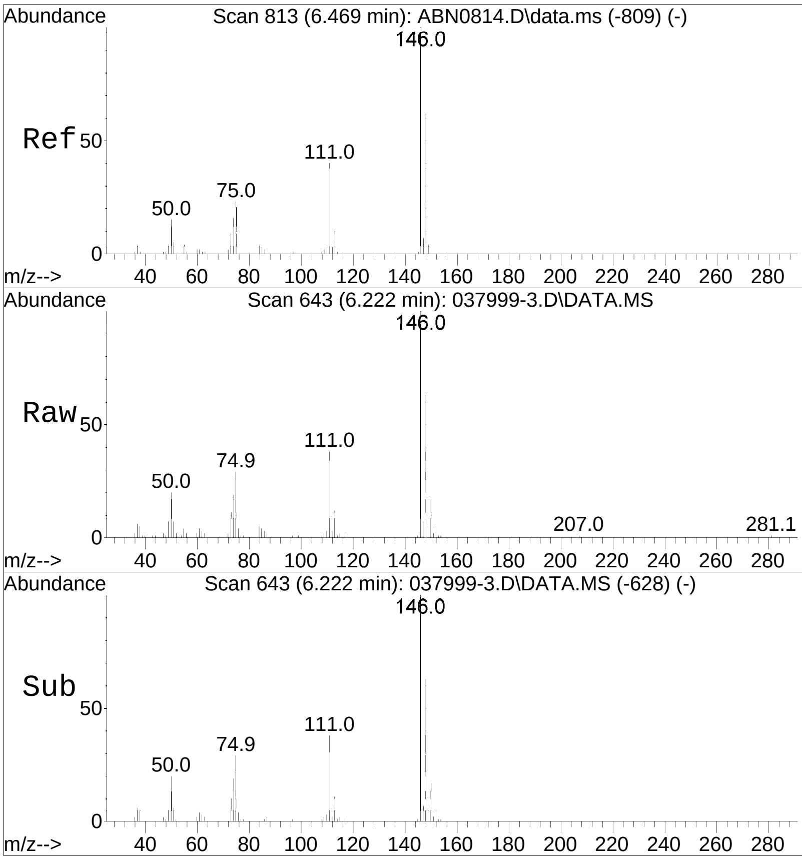


#10
1,3-Dichlorobenzene
Concen: 1.49 ug/ml
RT: 6.128 min Scan# 632
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:146 Resp: 39575

Ion	Ratio	Lower	Upper
146	100		
111	38.4	34.3	51.5
148	64.9	50.8	76.2

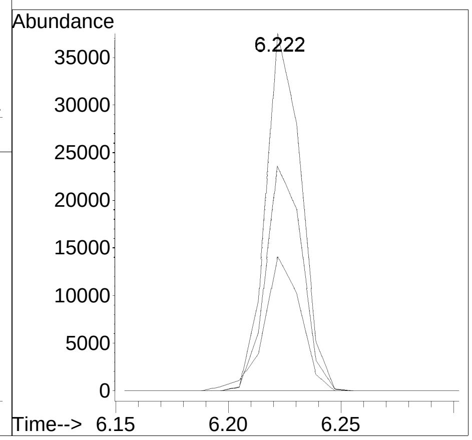


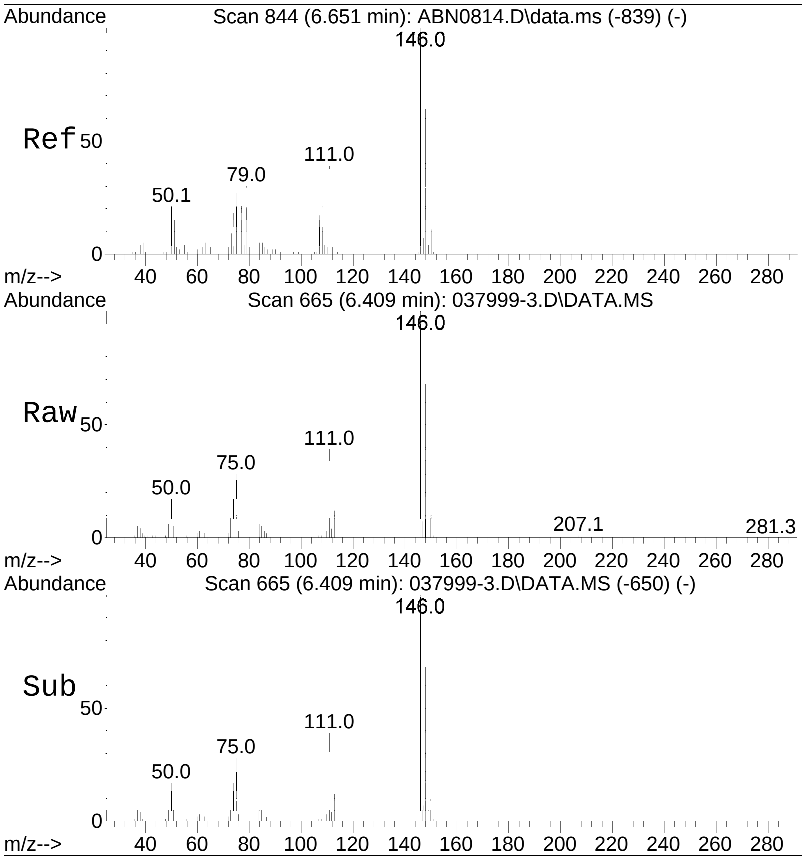


#11
1,4-Dichlorobenzene
Concen: 1.50 ug/ml
RT: 6.222 min Scan# 643
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:146 Resp: 41132

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.7	76.1
111	39.0	33.4	50.0

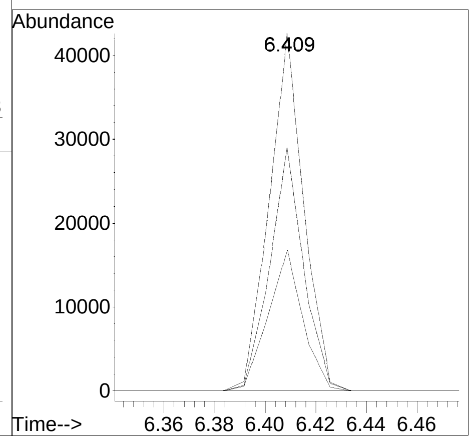


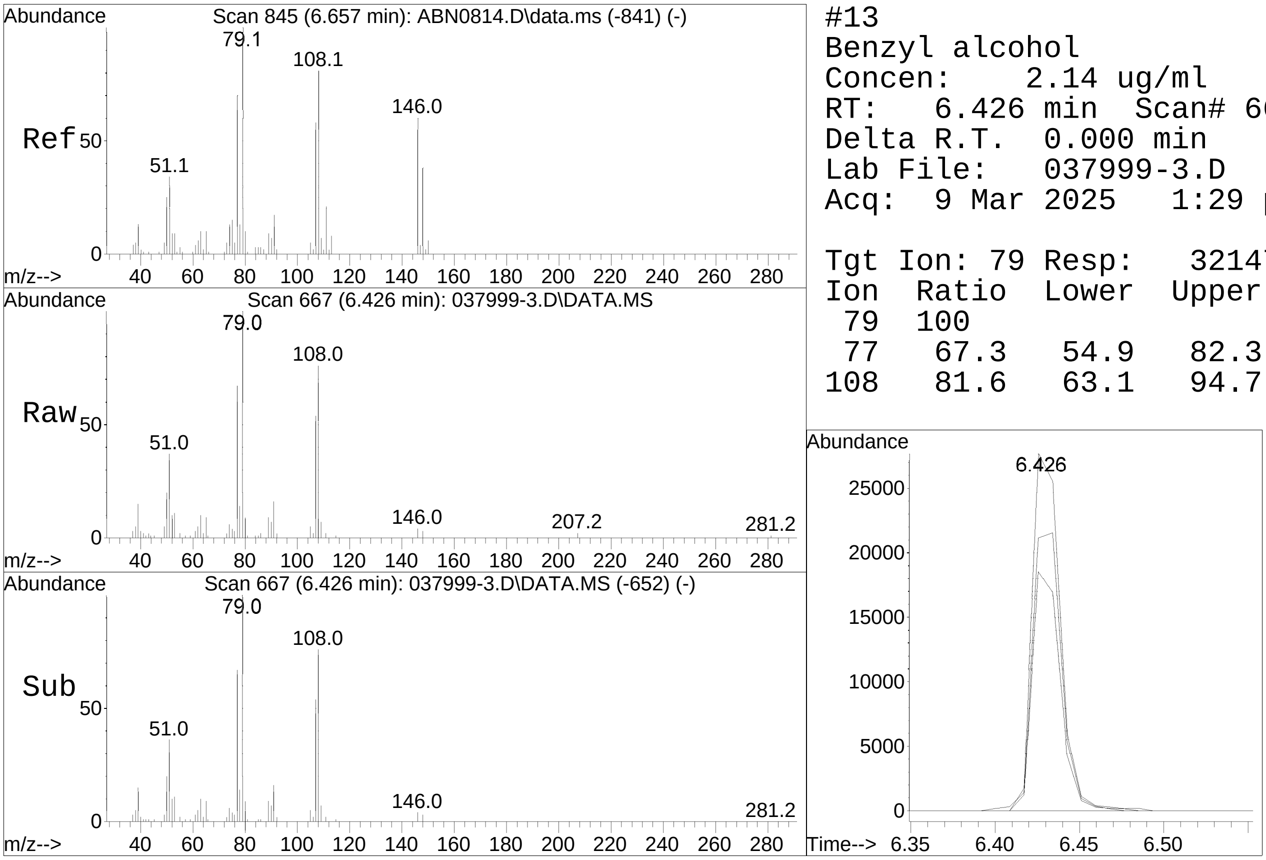


#12
1,2-Dichlorobenzene
Concen: 1.56 ug/ml
RT: 6.409 min Scan# 665
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:146 Resp: 40345

Ion	Ratio	Lower	Upper
146	100		
111	39.6	34.6	52.0
148	66.5	50.2	75.4

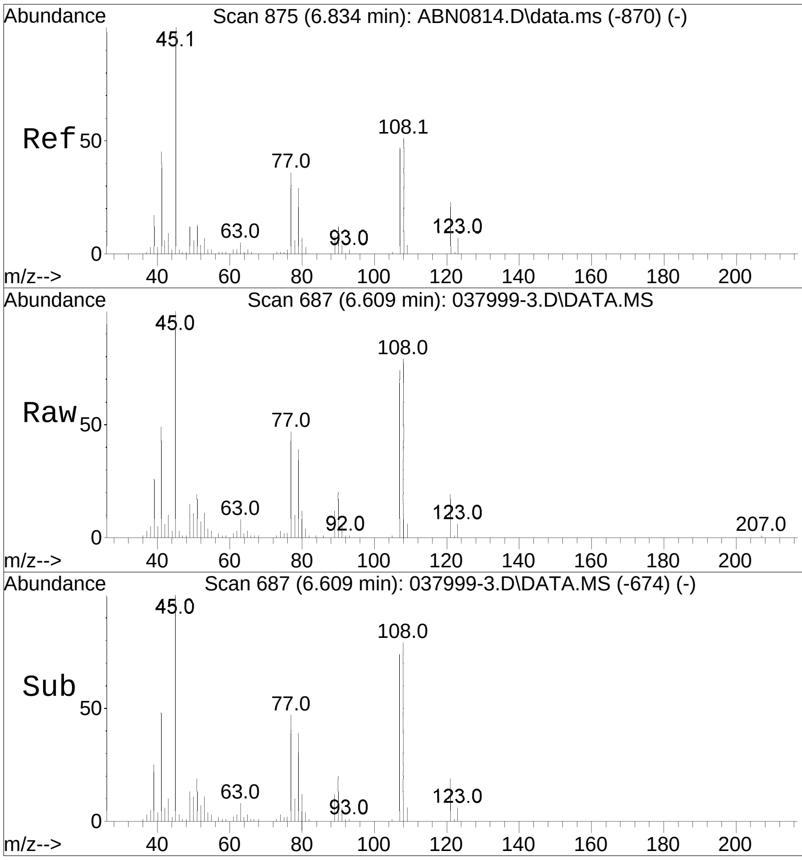




#13
Benzyl alcohol
Concen: 2.14 ug/ml
RT: 6.426 min Scan# 667
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion: 79 Resp: 32147

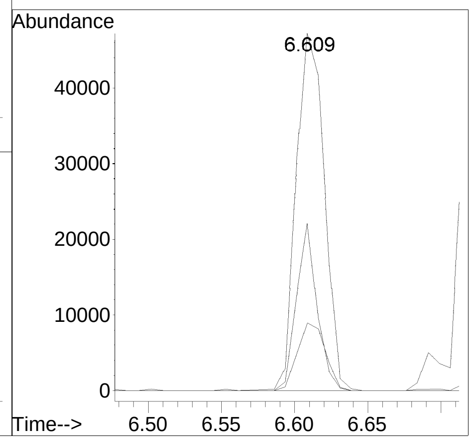
Ion	Ratio	Lower	Upper
79	100		
77	67.3	54.9	82.3
108	81.6	63.1	94.7

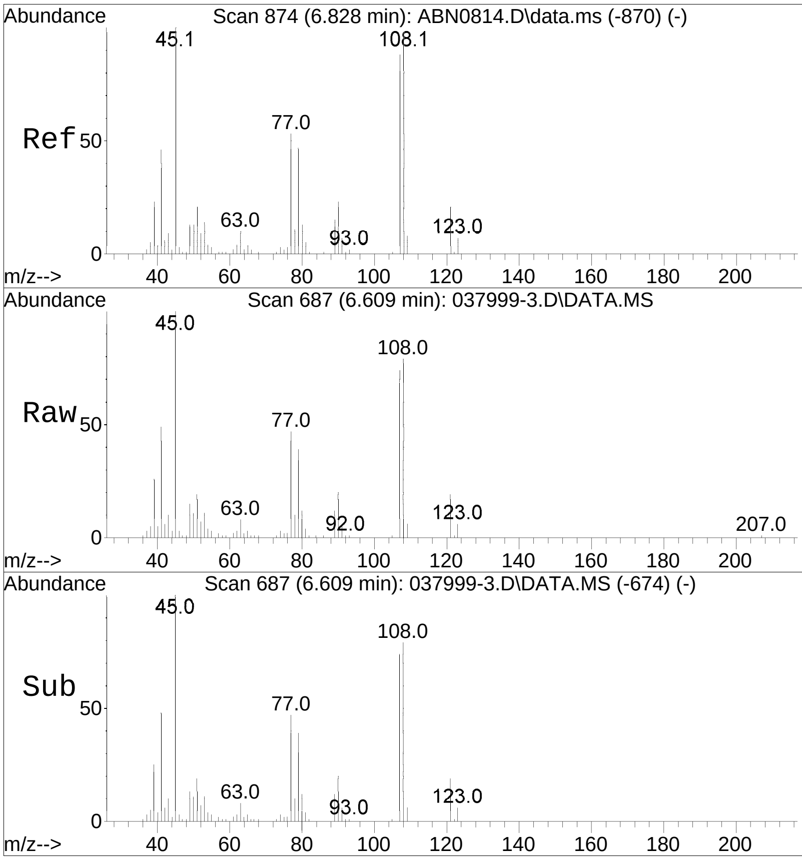


#14
Bis(2-chloroisopropyl)ether
Concen: 2.37 ug/ml
RT: 6.609 min Scan# 687
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion: 45 Resp: 75808

Ion	Ratio	Lower	Upper
45	100		
121	19.6	9.8	14.6#
77	35.6	6.1	9.1#

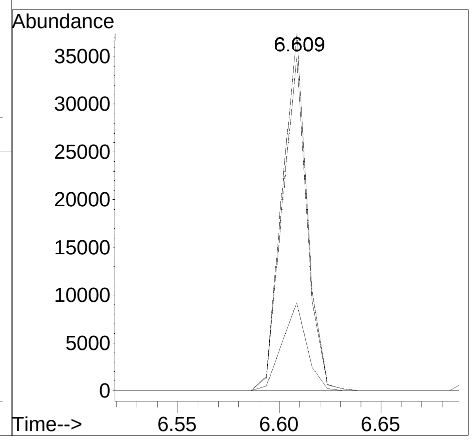


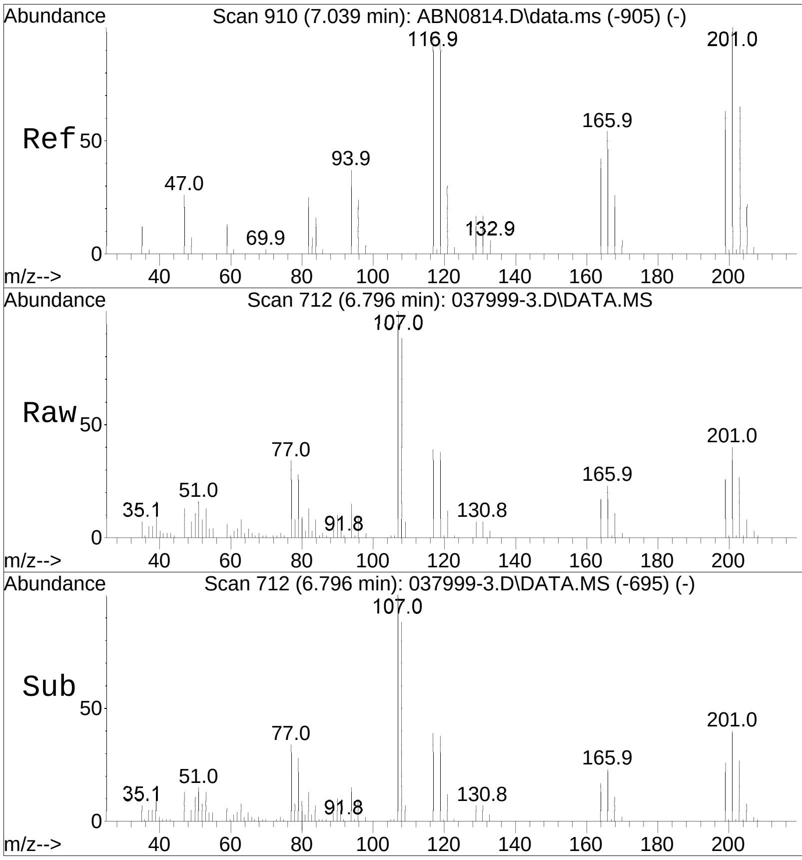


#15
2-Methylphenol
Concen: 2.20 ug/ml
RT: 6.609 min Scan# 687
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:108 Resp: 39586

Ion	Ratio	Lower	Upper
108	100		
107	92.6	70.7	106.1
90	25.1	18.7	28.1

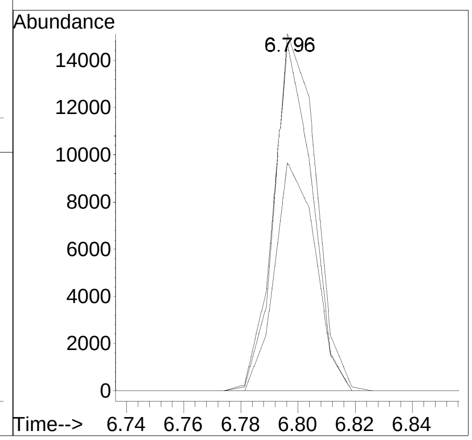


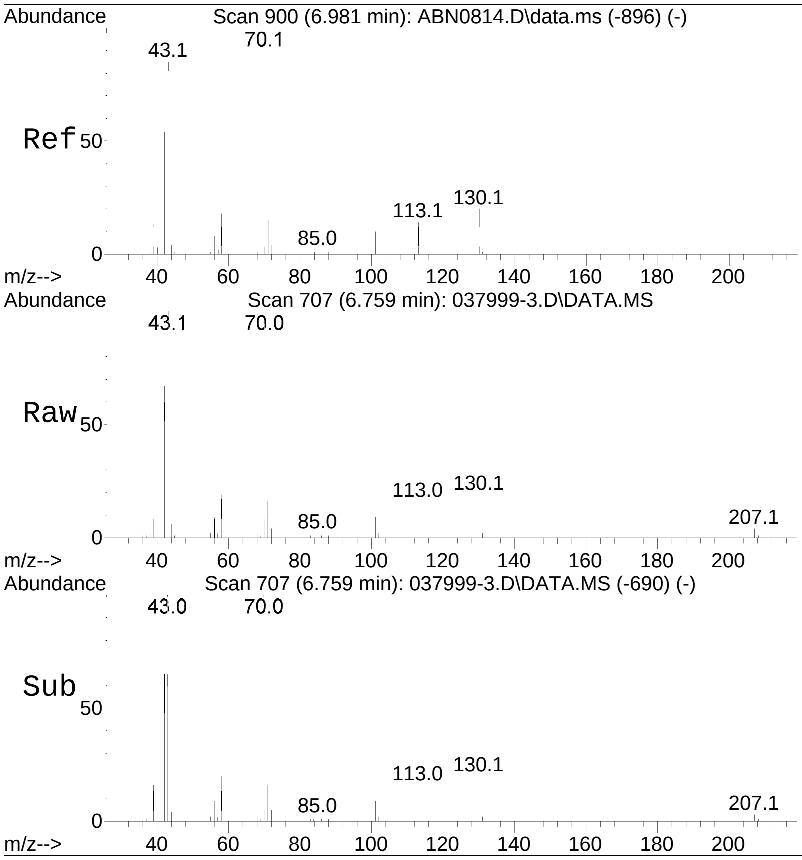


#16
Hexachloroethane
Concen: 1.51 ug/ml
RT: 6.796 min Scan# 712
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:117 Resp: 13819

Ion	Ratio	Lower	Upper
117	100		
201	110.1	58.6	87.8#
199	69.5	36.9	55.3#

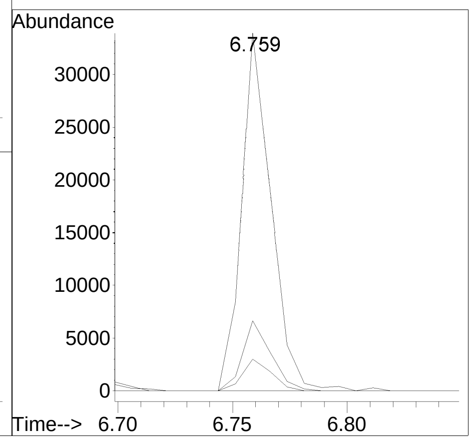


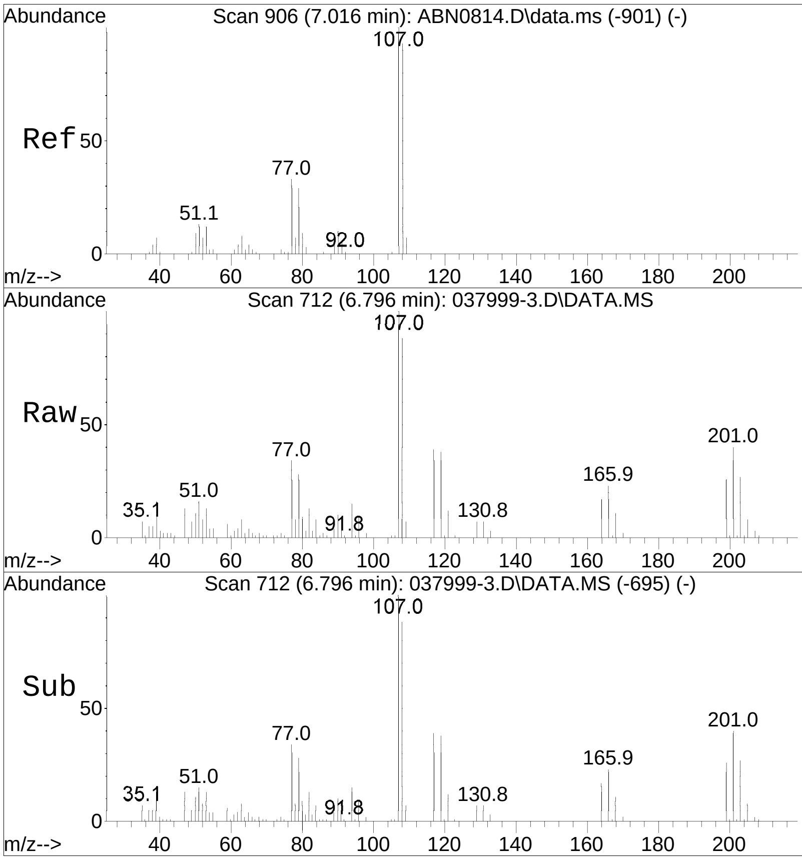


#17
n-Nitrosodi-n-propylamine
Concen: 2.13 ug/ml
RT: 6.759 min Scan# 707
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion: 70 Resp: 30213

Ion	Ratio	Lower	Upper
70	100		
130	18.9	18.2	27.4
101	8.7	7.8	11.8

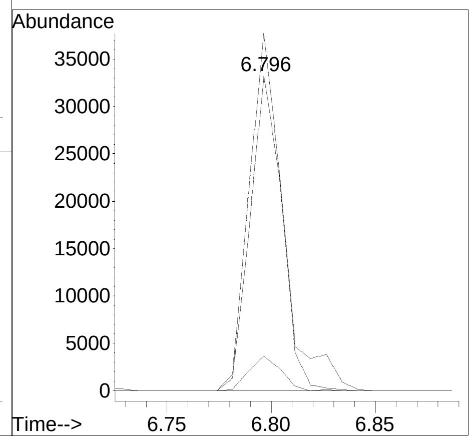


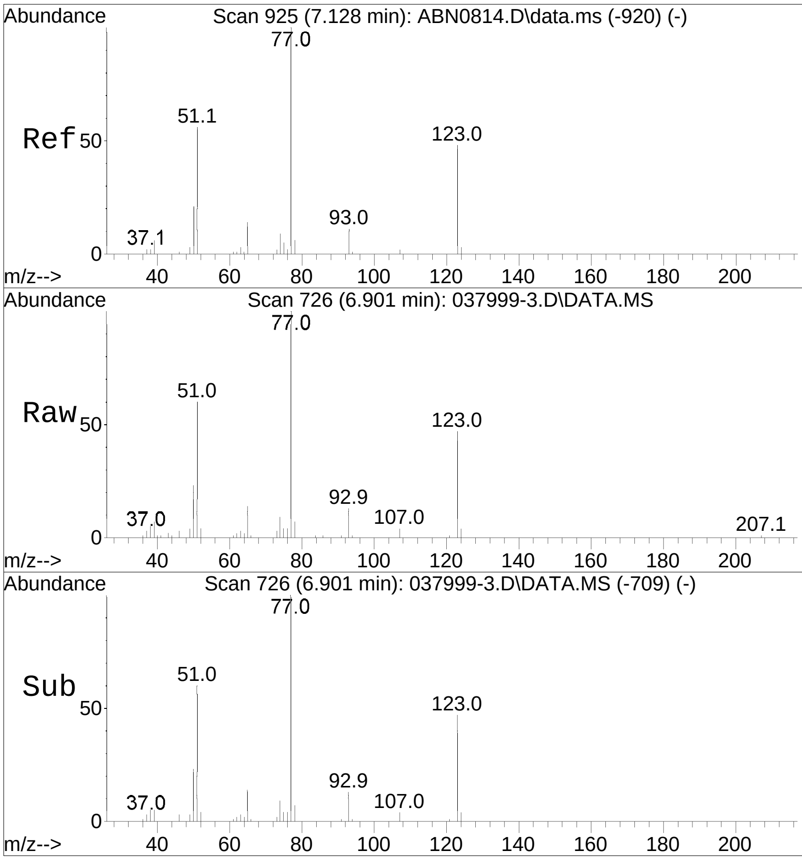


#18
3-Methylphenol/4-Methylphenol
Concen: 1.85 ug/ml
RT: 6.796 min Scan# 712
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:108 Resp: 35292

Ion	Ratio	Lower	Upper
108	100		
107	122.4	88.6	132.8
90	11.3	8.8	13.2

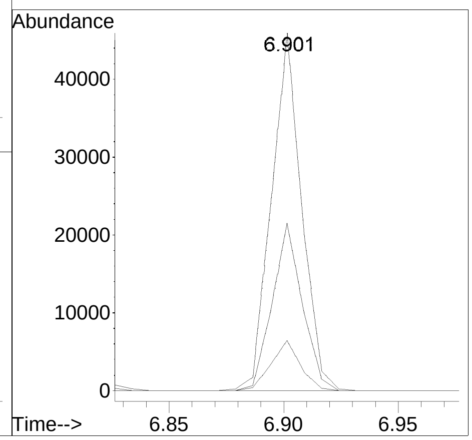


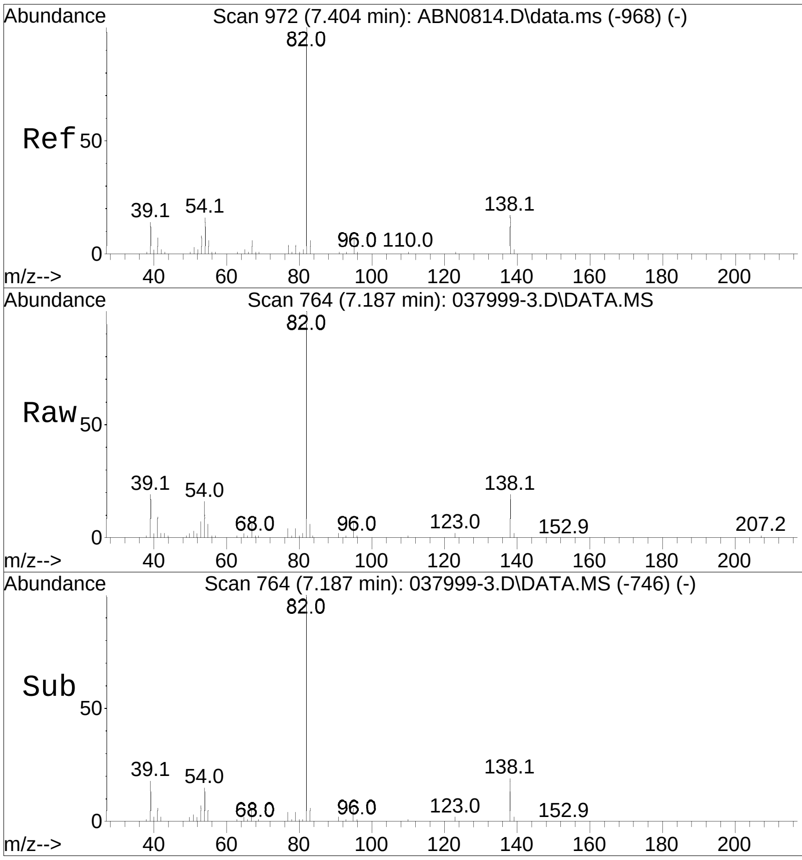


#20
Nitrobenzene
Concen: 2.08 ug/ml
RT: 6.901 min Scan# 726
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion: 77 Resp: 41767

Ion	Ratio	Lower	Upper
77	100		
123	46.5	36.3	54.5
65	13.7	11.6	17.4

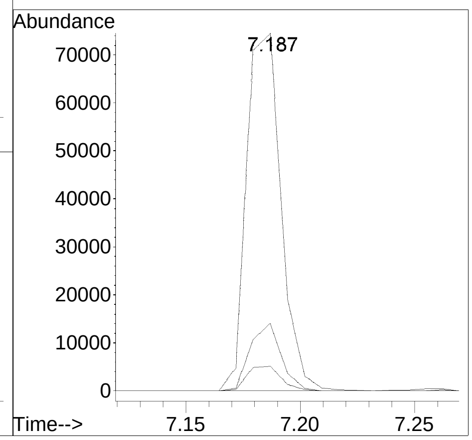


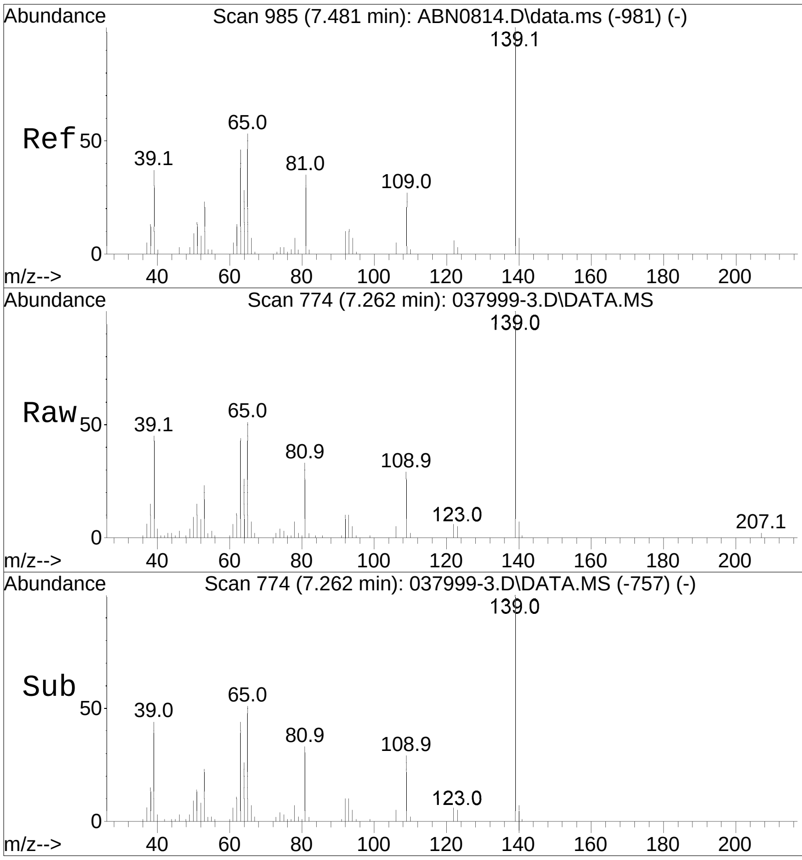


#21
Isophorone
Concen: 2.02 ug/ml
RT: 7.187 min Scan# 764
Delta R.T. 0.008 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion: 82 Resp: 78016

Ion	Ratio	Lower	Upper
82	100		
138	17.0	14.7	22.1
95	6.9	5.2	7.8

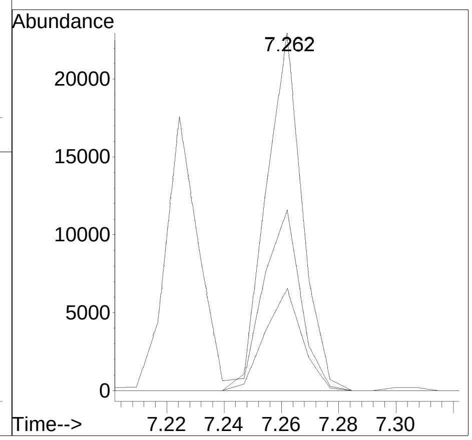


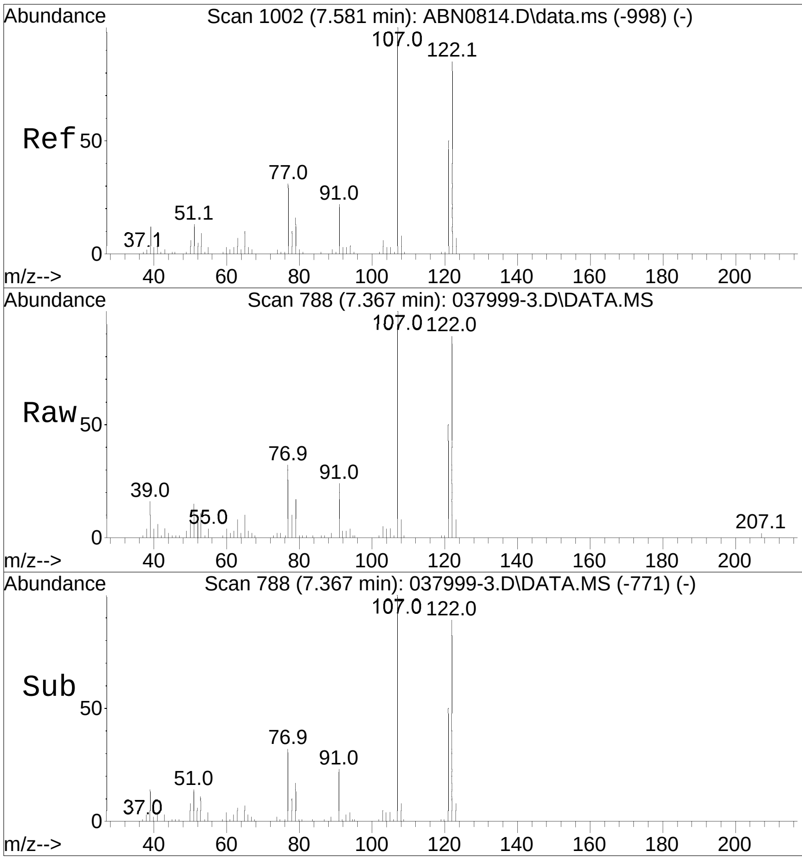


#22
2-Nitrophenol
Concen: 2.11 ug/ml
RT: 7.262 min Scan# 774
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:139 Resp: 20082

Ion	Ratio	Lower	Upper
139	100		
109	29.3	19.4	29.0#
65	52.0	46.1	69.1

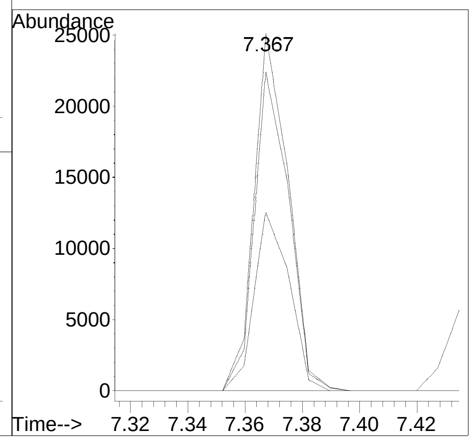


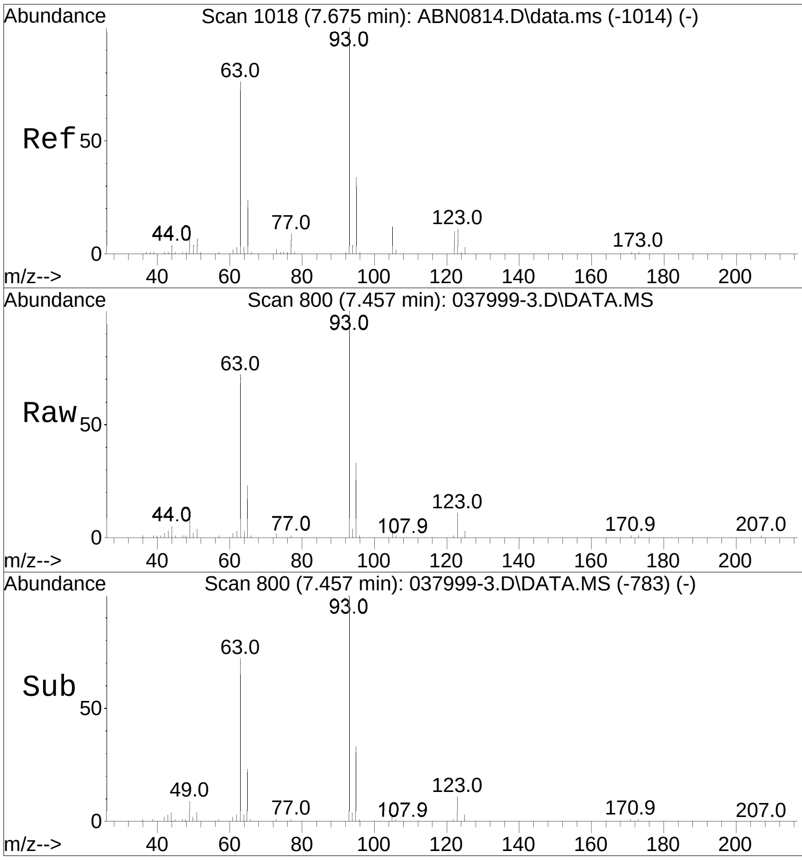


#23
2,4-Dimethylphenol
Concen: 1.01 ug/ml
RT: 7.367 min Scan# 788
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:107 Resp: 20811

Ion	Ratio	Lower	Upper
107	100		
121	51.4	40.0	60.0
122	89.7	70.2	105.4

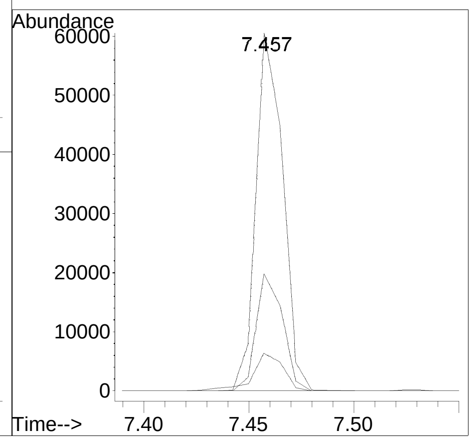


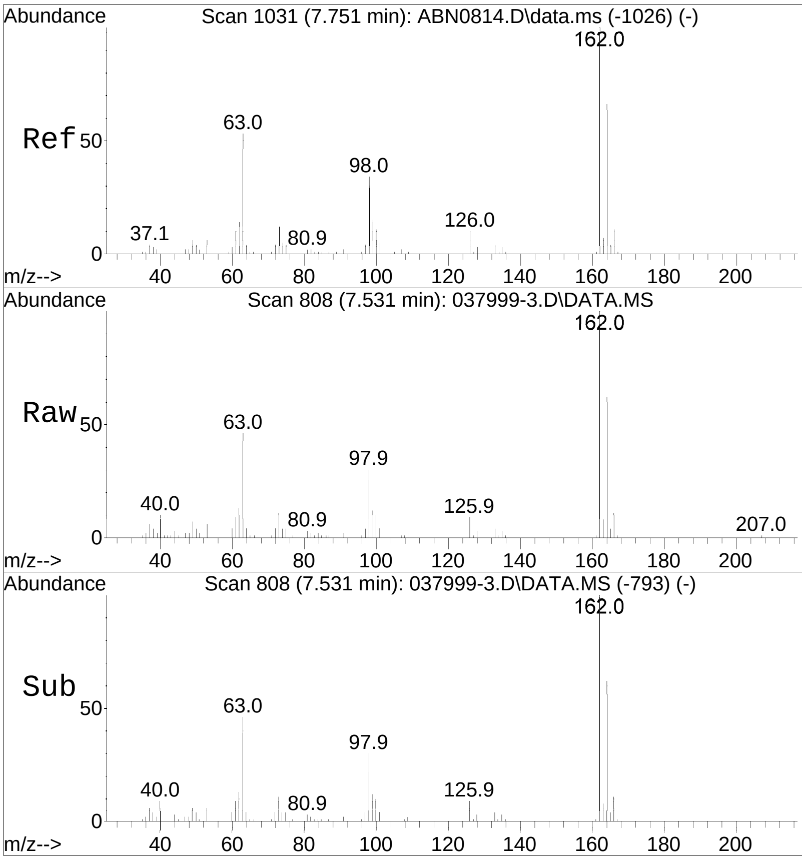


#24
Bis(2-chloroethoxy)methane
Concen: 2.31 ug/ml
RT: 7.457 min Scan# 800
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion: 93 Resp: 64766

Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.8	38.8
123	11.9	10.1	15.1

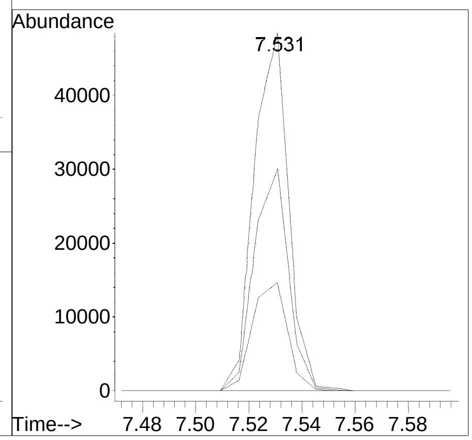


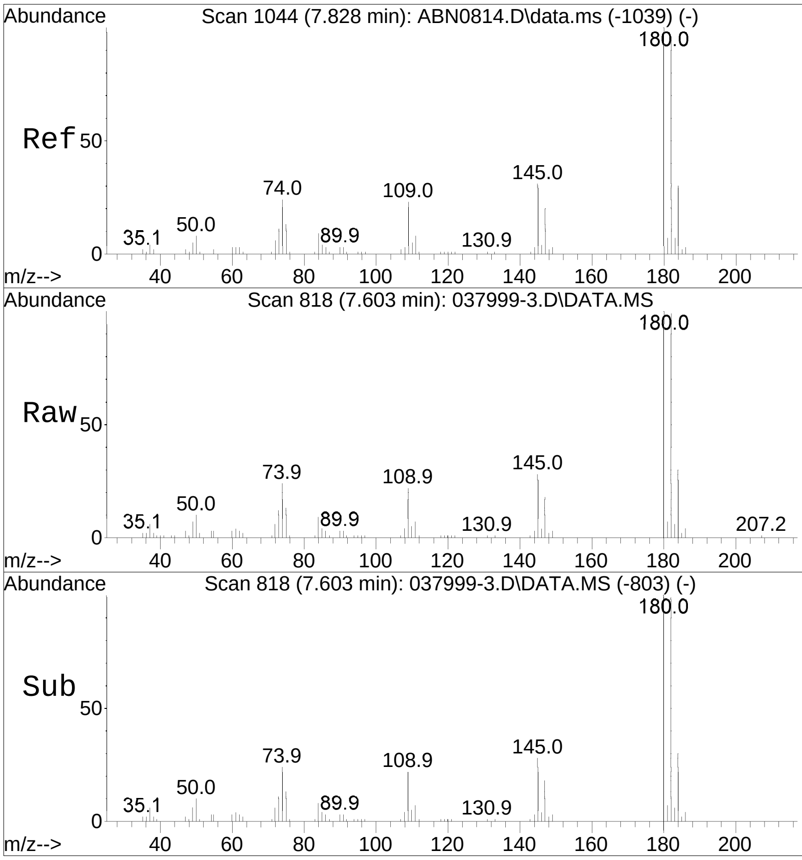


#25
2,4-Dichlorophenol
Concen: 2.08 ug/ml
RT: 7.531 min Scan# 808
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:162 Resp: 43395

Ion	Ratio	Lower	Upper
162	100		
164	62.2	51.0	76.4
98	31.2	32.2	48.2#

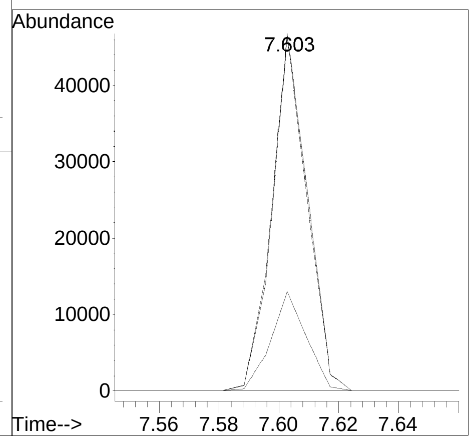


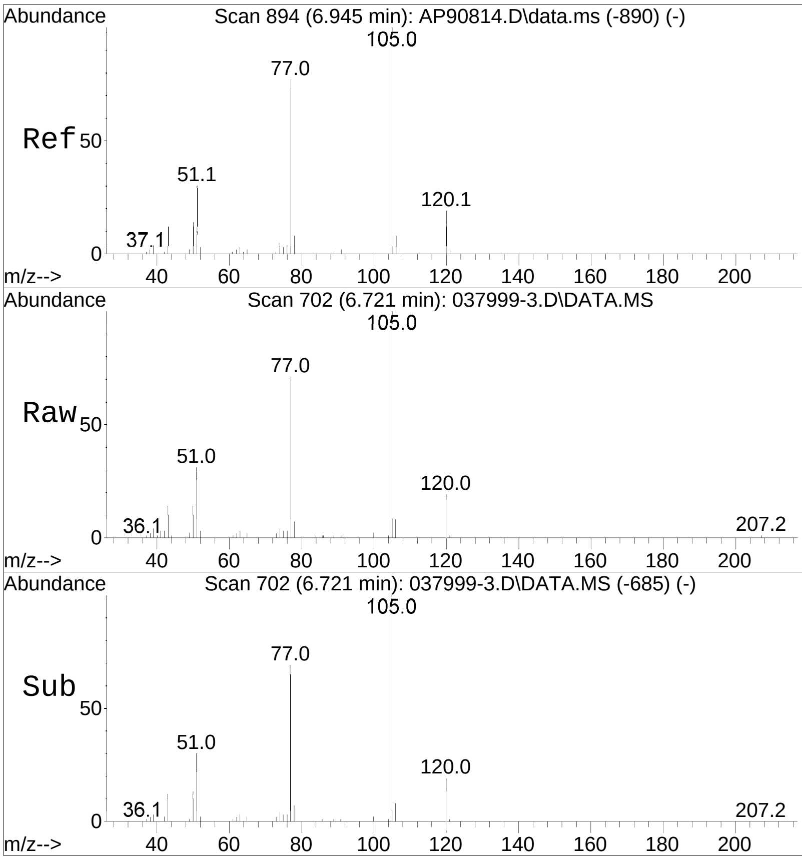


#26
1,2,4-Trichlorobenzene
Concen: 1.44 ug/ml
RT: 7.603 min Scan# 818
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:180 Resp: 38533

Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.0	114.0
145	27.7	25.7	38.5

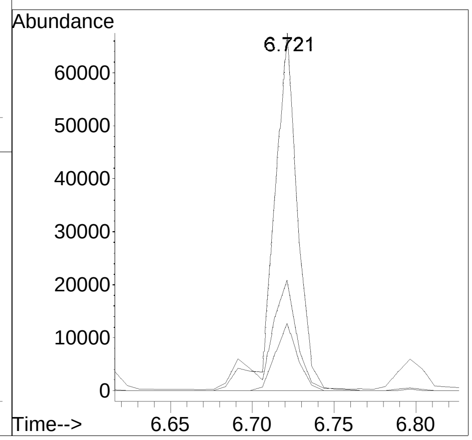


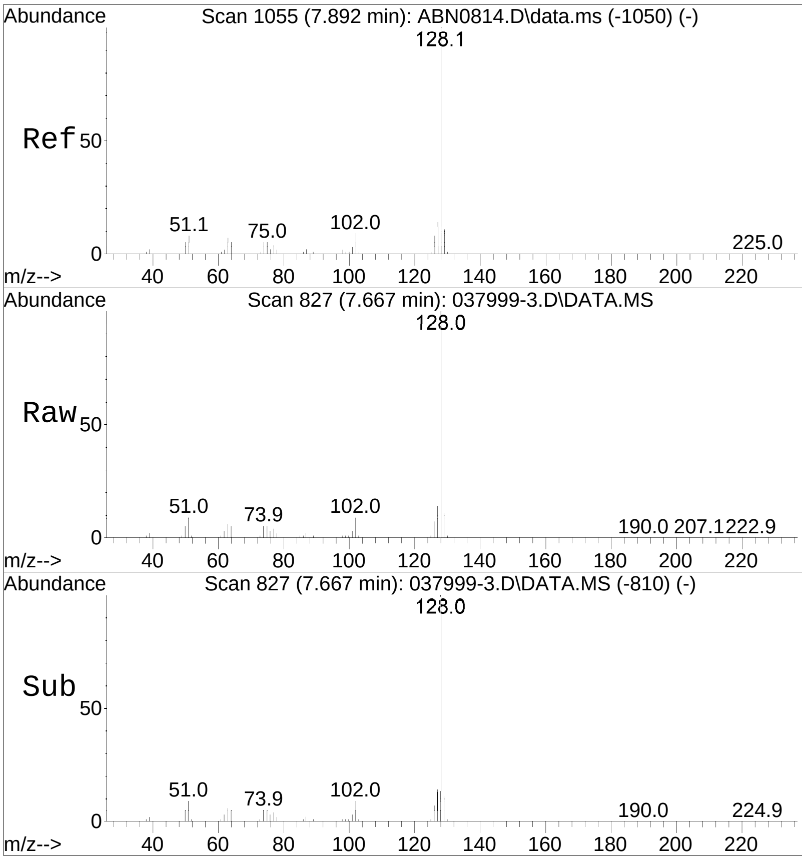


#29
Acetophenone
Concen: 2.58 ug/ml
RT: 6.721 min Scan# 702
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:105 Resp: 67169

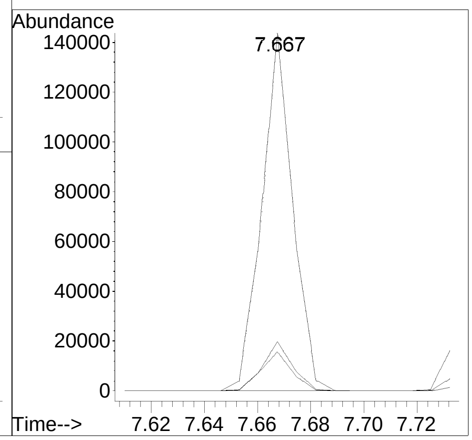
Ion	Ratio	Lower	Upper
105	100		
120	17.8	20.5	30.7#
51	37.9	34.9	52.3

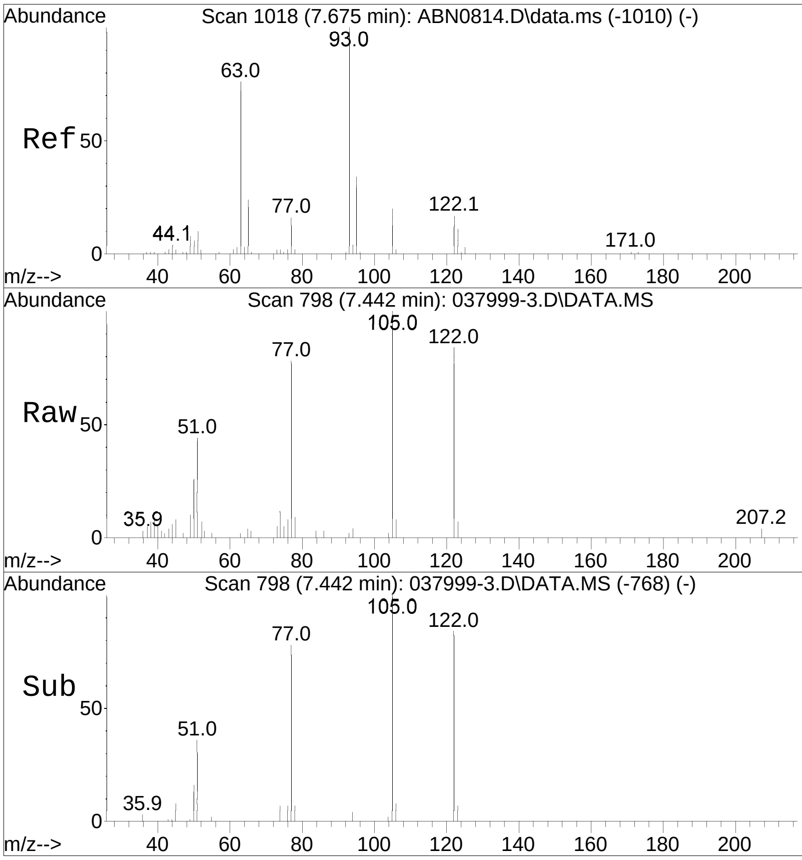




#36
Naphthalene
Concen: 1.80 ug/ml
RT: 7.667 min Scan# 827
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt	Ion:128	Resp:	114951
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.3	15.5

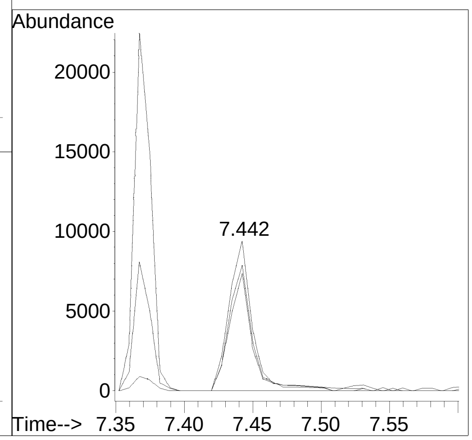


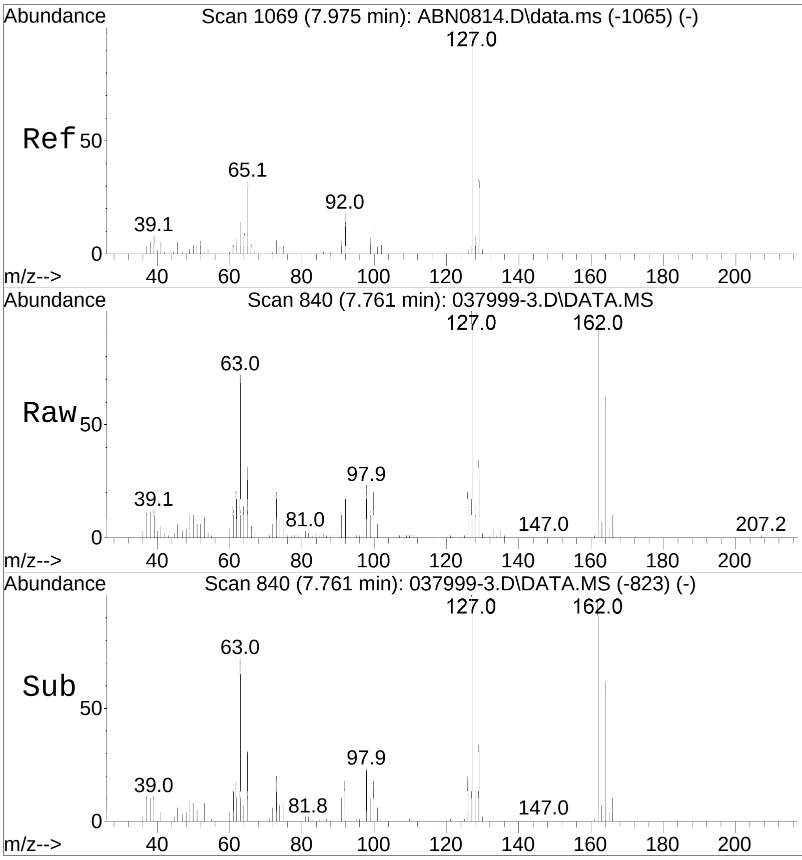


#37
Benzoic Acid
Concen: 1.71 ug/ml
RT: 7.442 min Scan# 798
Delta R.T. -0.023 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:105 Resp: 12722

Ion	Ratio	Lower	Upper
105	100		
122	83.4	59.9	89.9
77	78.2	60.1	90.1

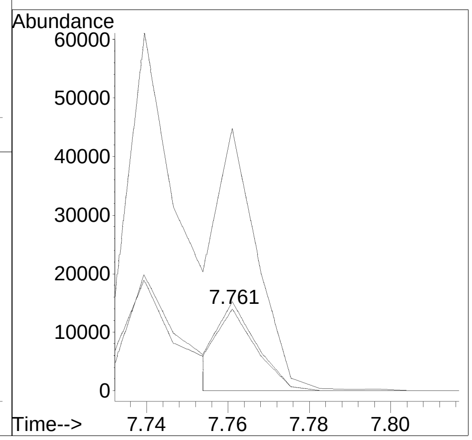


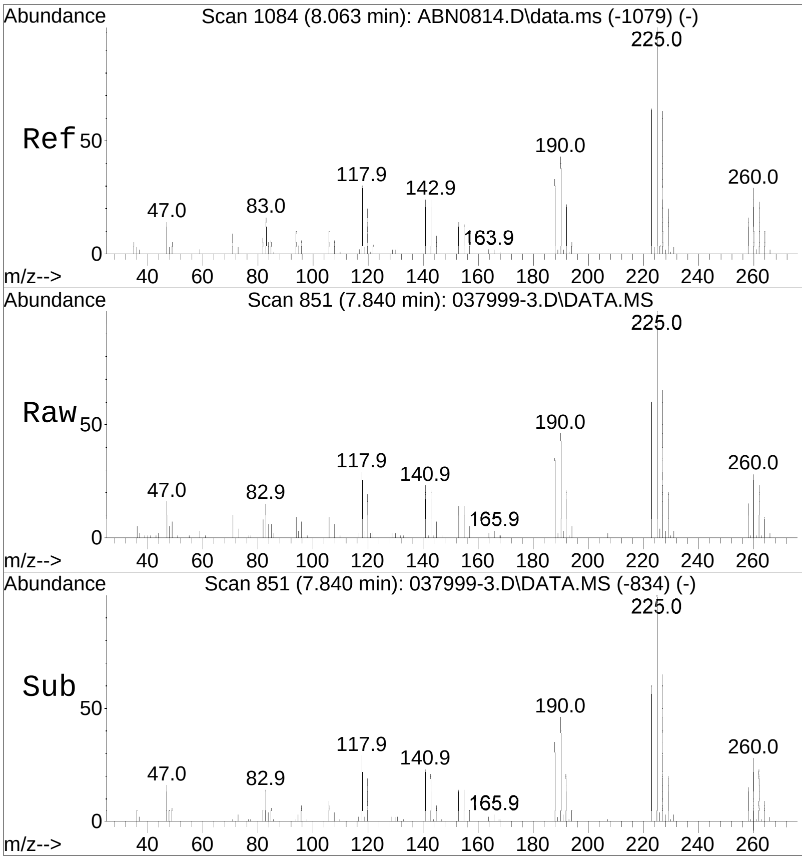


#38
4-Chloroaniline
Concen: 1.09 ug/ml M3
RT: 7.761 min Scan# 840
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion: 65 Resp: 8829

Ion	Ratio	Lower	Upper
65	100		
127	632.9	237.6	356.4#
129	199.5	76.3	114.5#

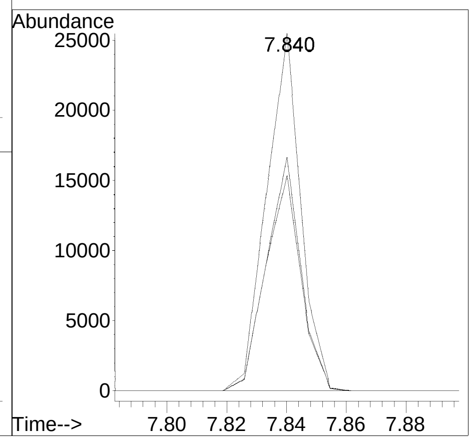


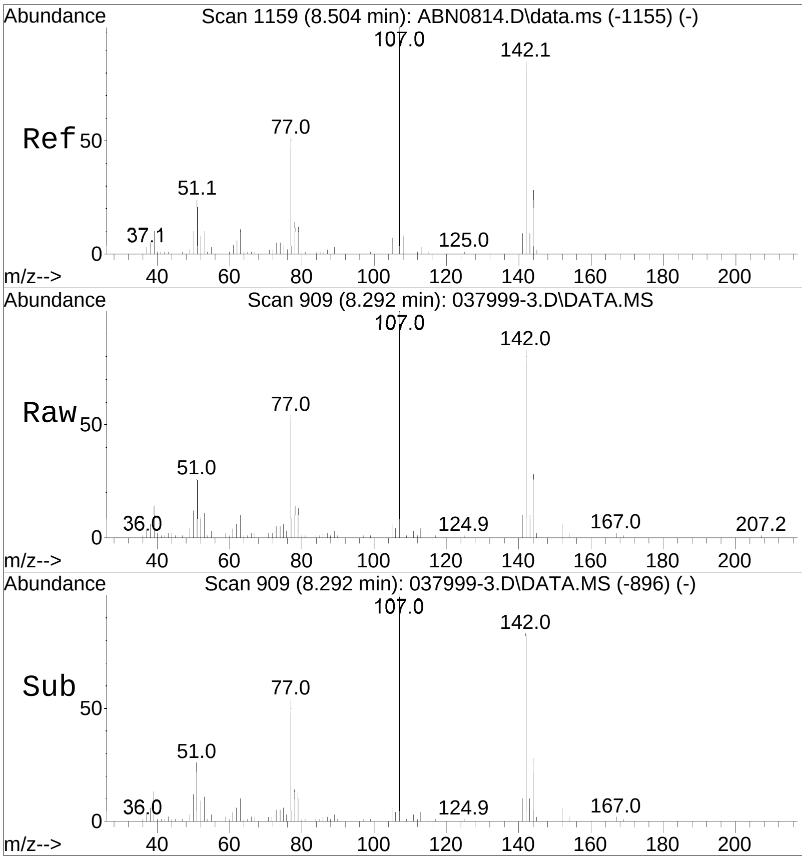


#39
Hexachlorobutadiene
Concen: 1.32 ug/ml
RT: 7.840 min Scan# 851
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:225 Resp: 20205

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	65.9	52.2	78.2

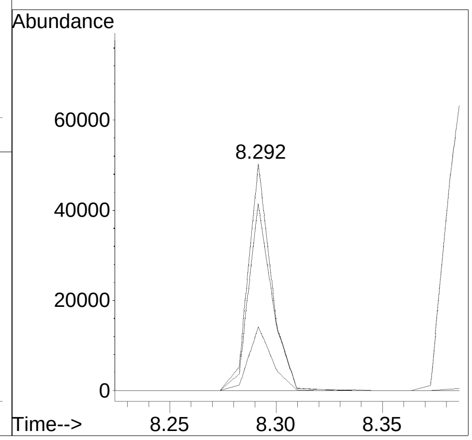


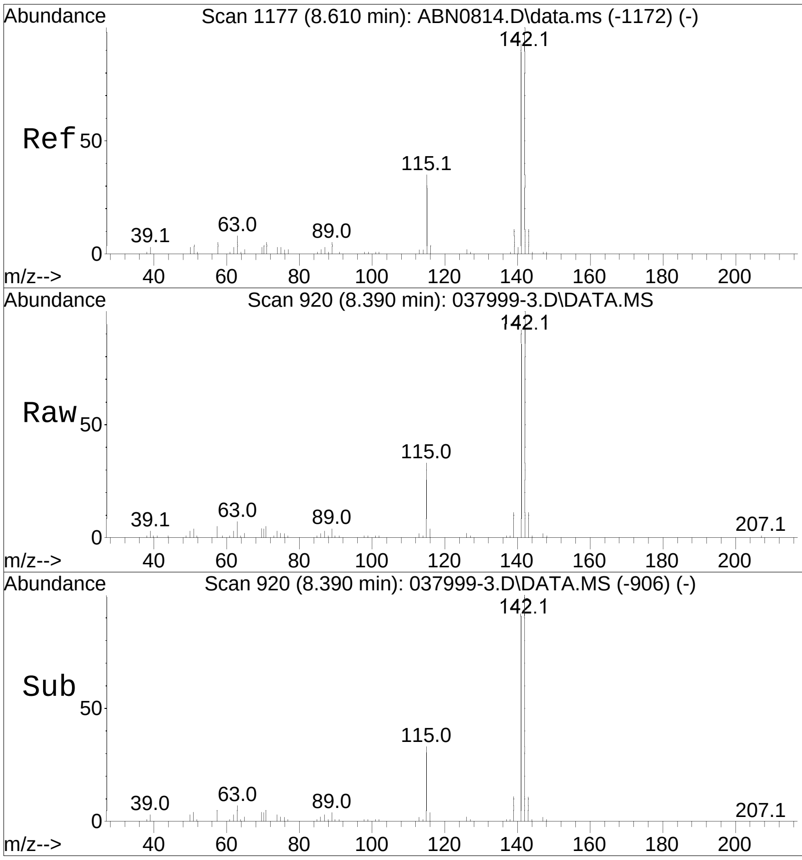


#40
p-Chloro-m-cresol
Concen: 2.24 ug/ml
RT: 8.292 min Scan# 909
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:107 Resp: 37960

Ion	Ratio	Lower	Upper
107	100		
144	28.0	20.9	31.3
142	84.7	66.1	99.1

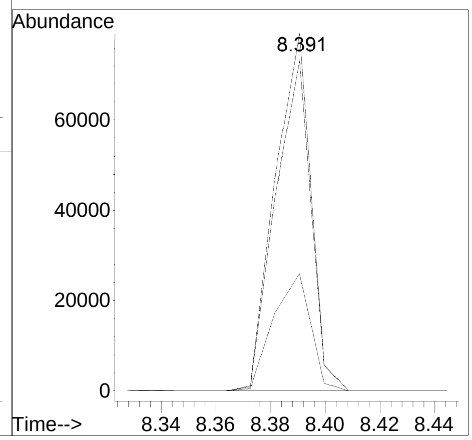


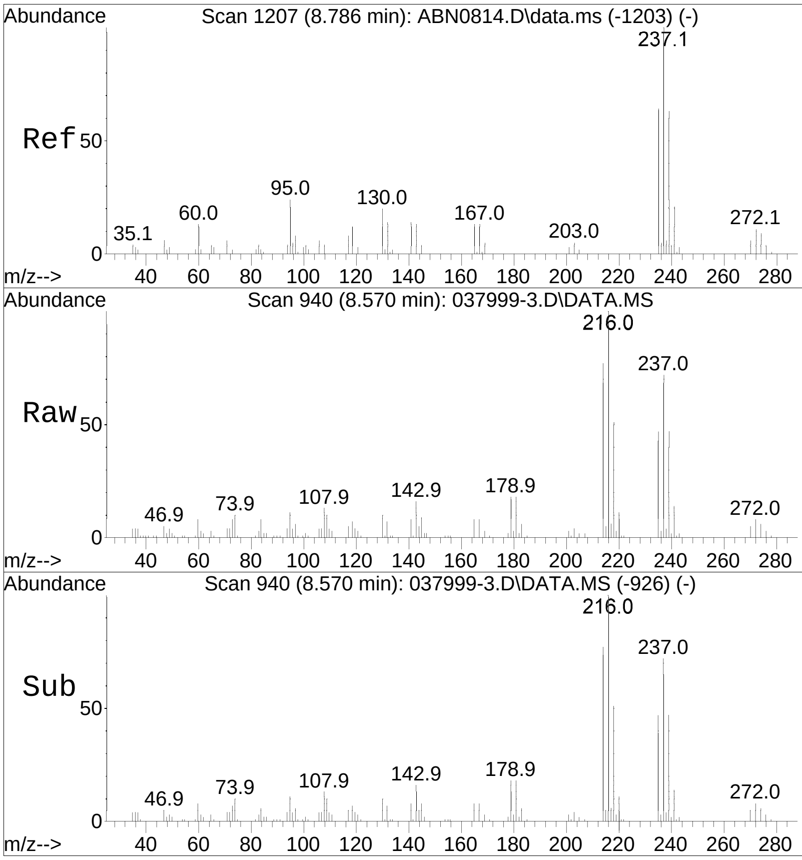


#41
2-Methylnaphthalene
Concen: 1.76 ug/ml
RT: 8.390 min Scan# 920
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:142 Resp: 71779

Ion	Ratio	Lower	Upper
142	100		
141	91.9	69.6	104.4
115	34.2	26.6	40.0

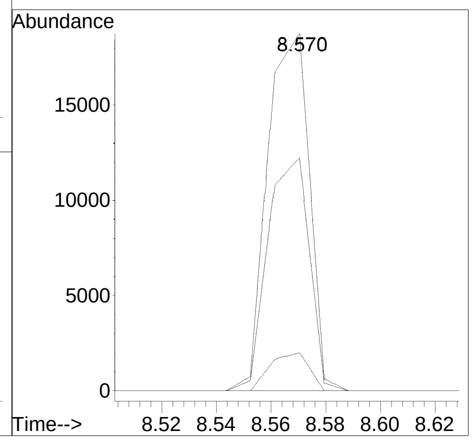


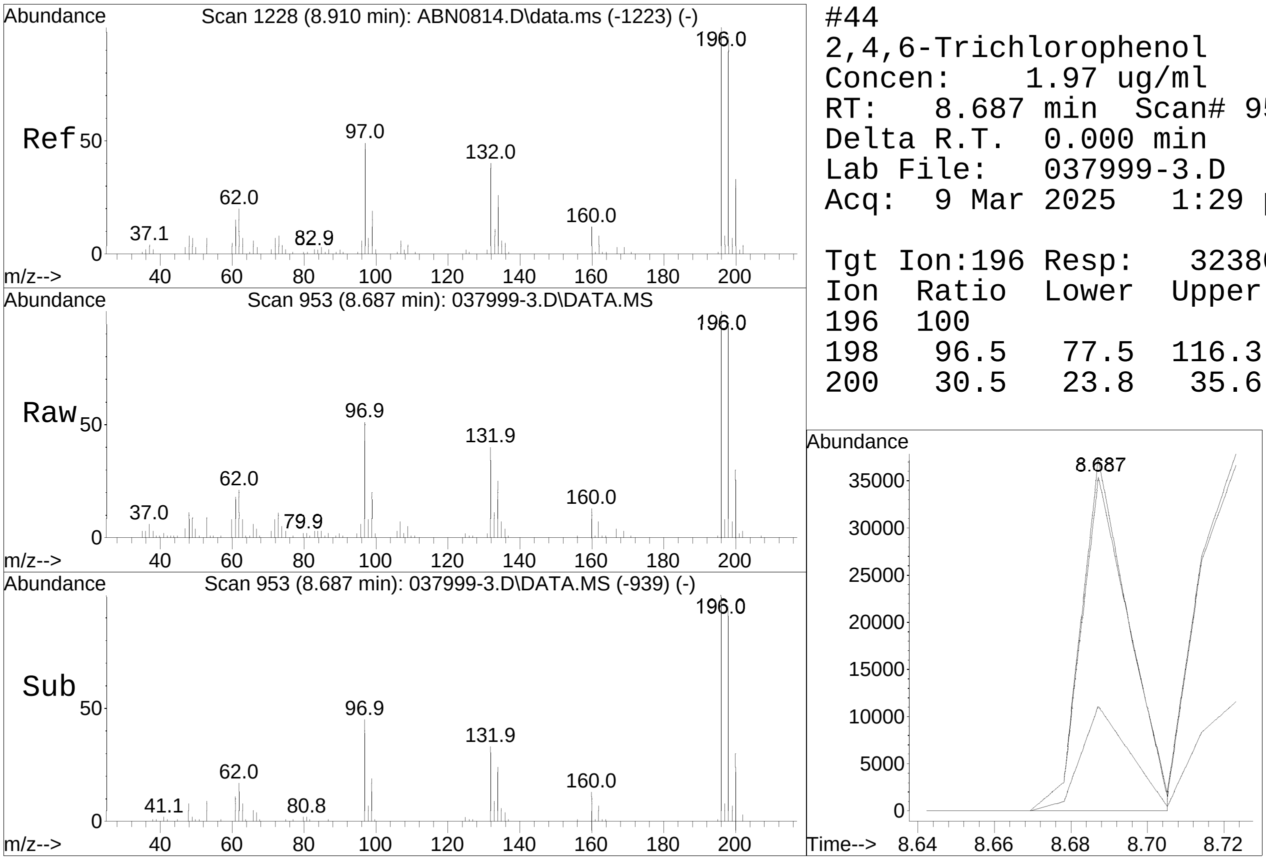


#43
Hexachlorocyclopentadiene
Concen: 1.16 ug/ml
RT: 8.570 min Scan# 940
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:237 Resp: 19918

Ion	Ratio	Lower	Upper
237	100		
235	65.0	49.7	74.5
272	10.0	9.8	14.6

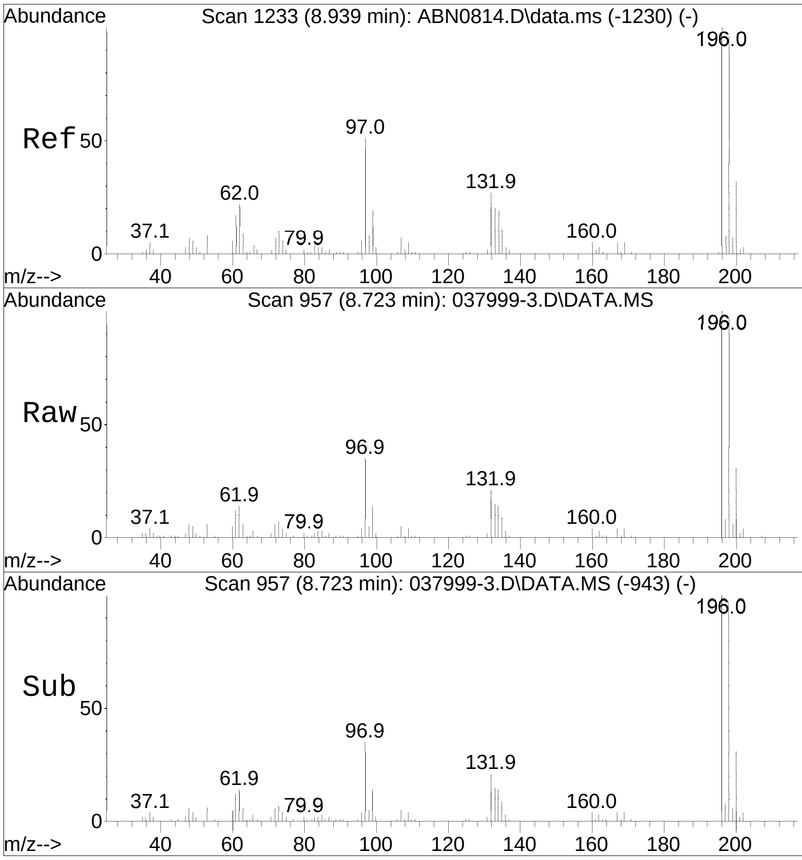




#44
2,4,6-Trichlorophenol
Concen: 1.97 ug/ml
RT: 8.687 min Scan# 953
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:196 Resp: 32380

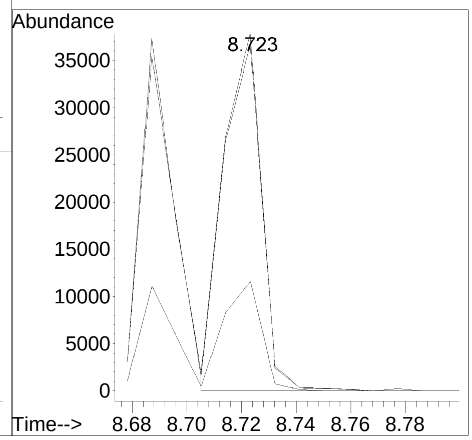
Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.5	116.3
200	30.5	23.8	35.6

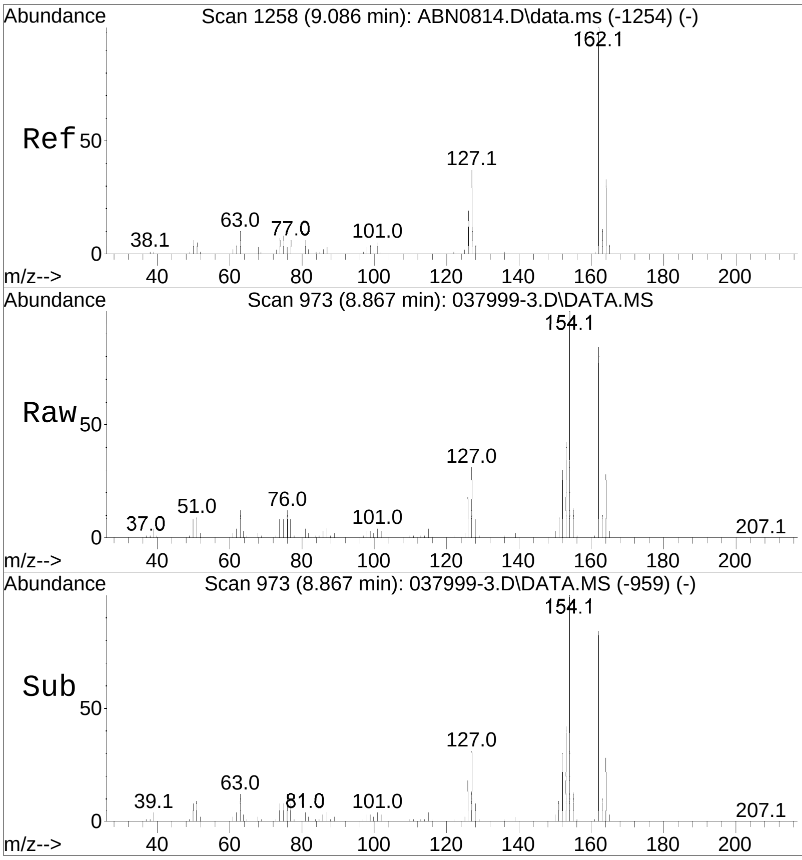


#45
2,4,5-Trichlorophenol
Concen: 2.15 ug/ml
RT: 8.723 min Scan# 957
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:196 Resp: 36750

Ion	Ratio	Lower	Upper
196	100		
200	30.6	25.4	38.0
198	97.8	78.0	117.0

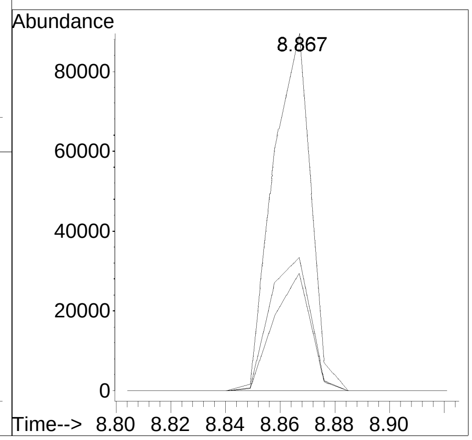


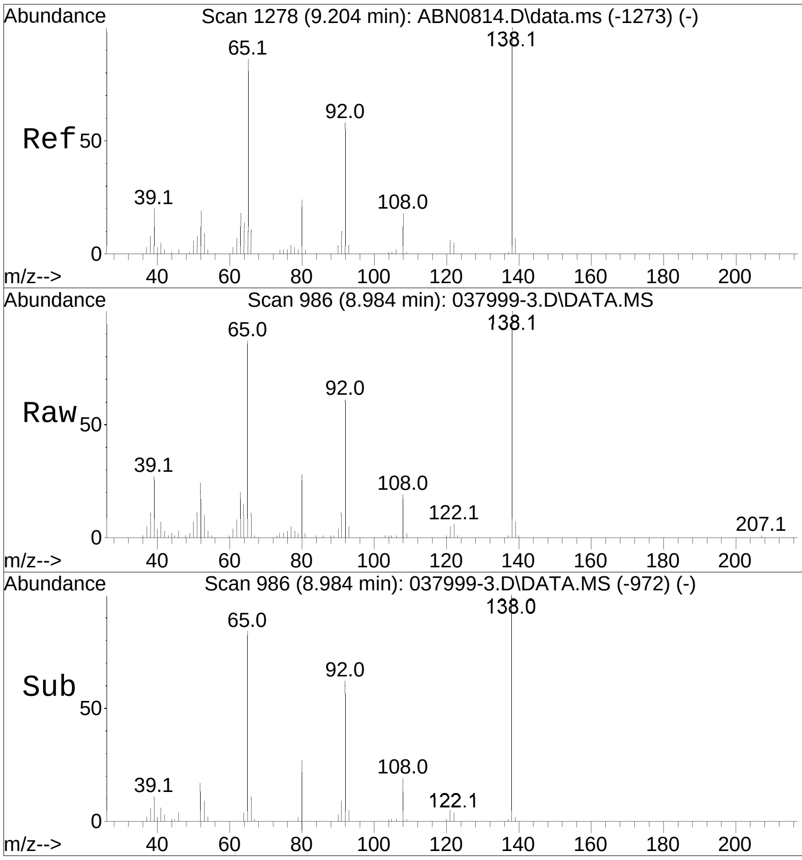


#47
2-Chloronaphthalene
Concen: 1.74 ug/ml
RT: 8.867 min Scan# 973
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:162 Resp: 85711

Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.2	48.4
164	32.2	25.7	38.5

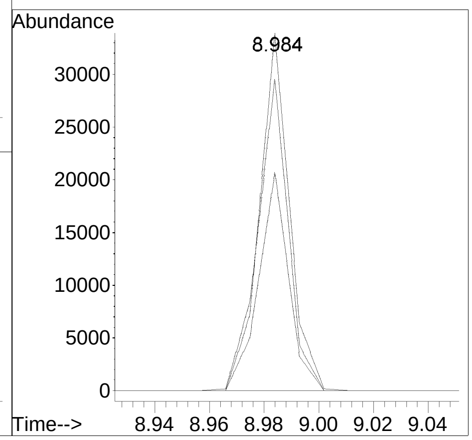


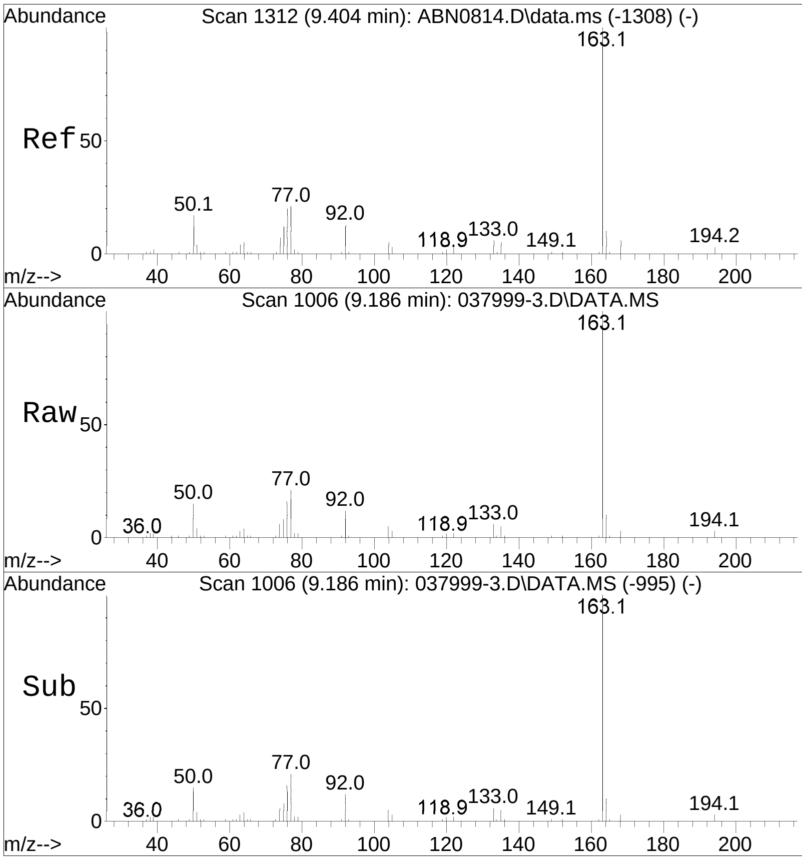


#48
2-Nitroaniline
Concen: 2.13 ug/ml
RT: 8.984 min Scan# 986
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:138 Resp: 25698

Ion	Ratio	Lower	Upper
138	100		
92	61.1	53.5	80.3
65	89.1	86.3	129.5

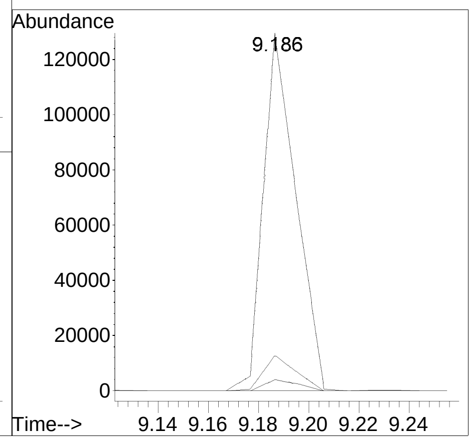


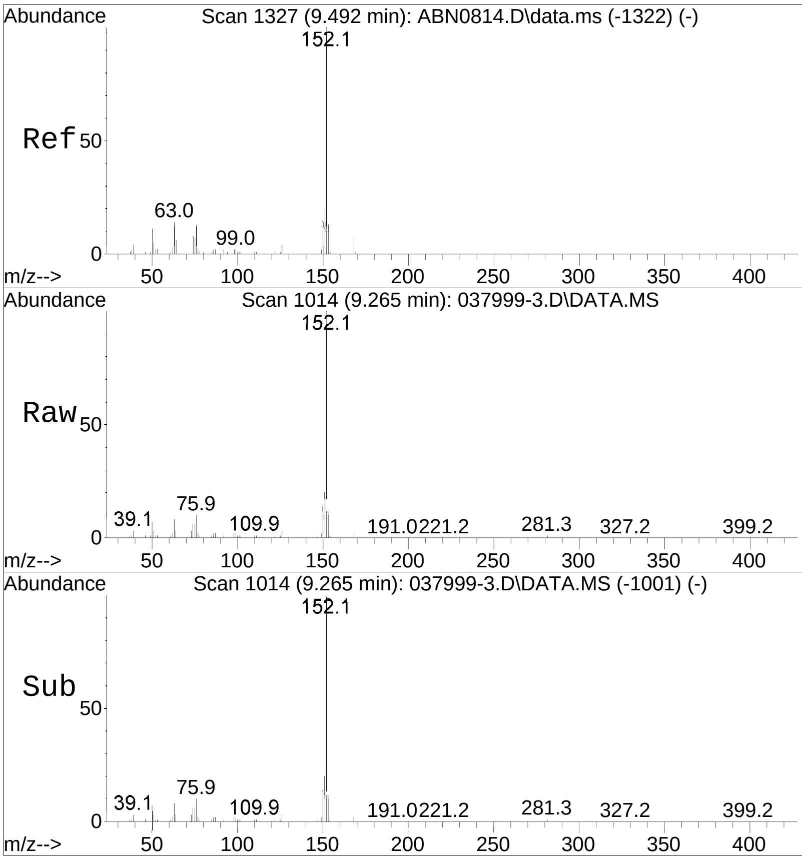


#51
Dimethyl phthalate
Concen: 1.94 ug/ml
RT: 9.186 min Scan# 1006
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:163 Resp: 115824

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.5	5.3#
164	9.9	7.9	11.9

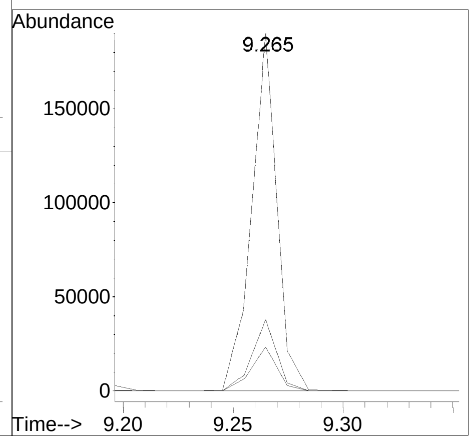


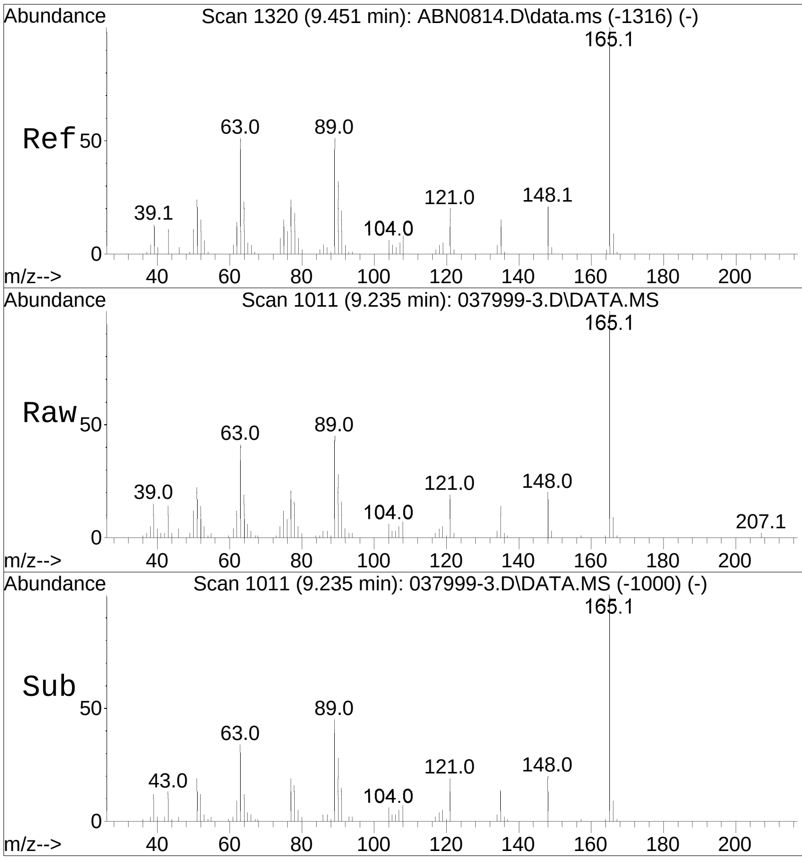


#52
Acenaphthylene
Concen: 2.00 ug/ml
RT: 9.265 min Scan# 1014
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:152 Resp: 150556

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.6	10.5	15.7

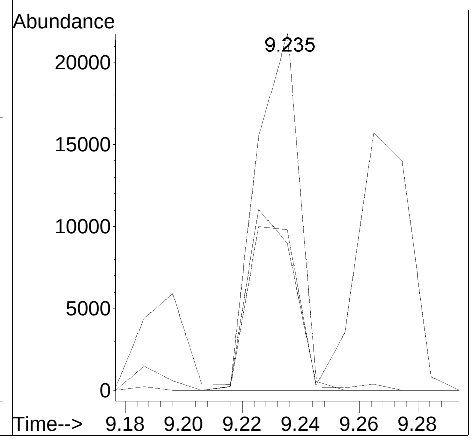


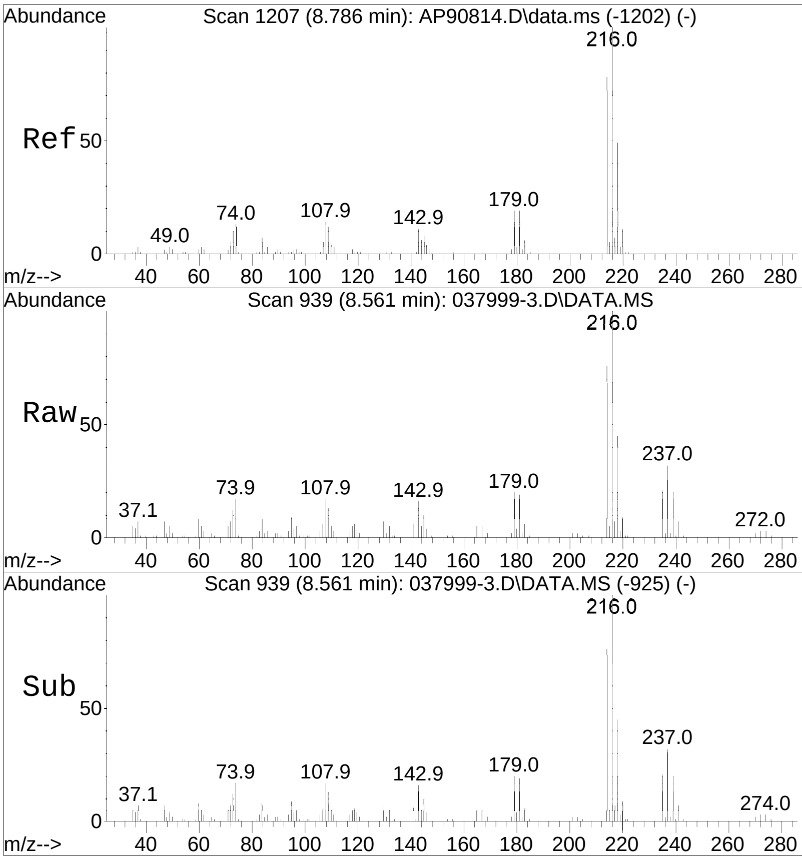


#53
2,6-Dinitrotoluene
Concen: 2.00 ug/ml
RT: 9.235 min Scan# 1011
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:165 Resp: 22387

Ion	Ratio	Lower	Upper
165	100		
89	54.3	54.2	81.2
63	53.5	64.2	96.2#

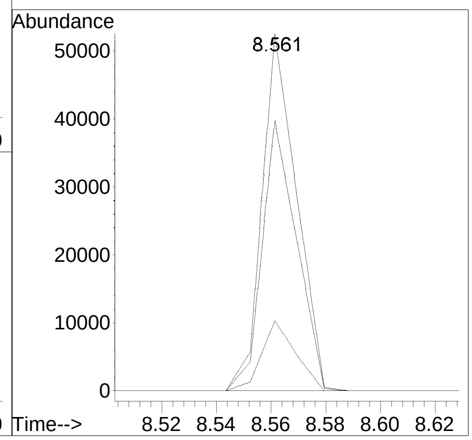


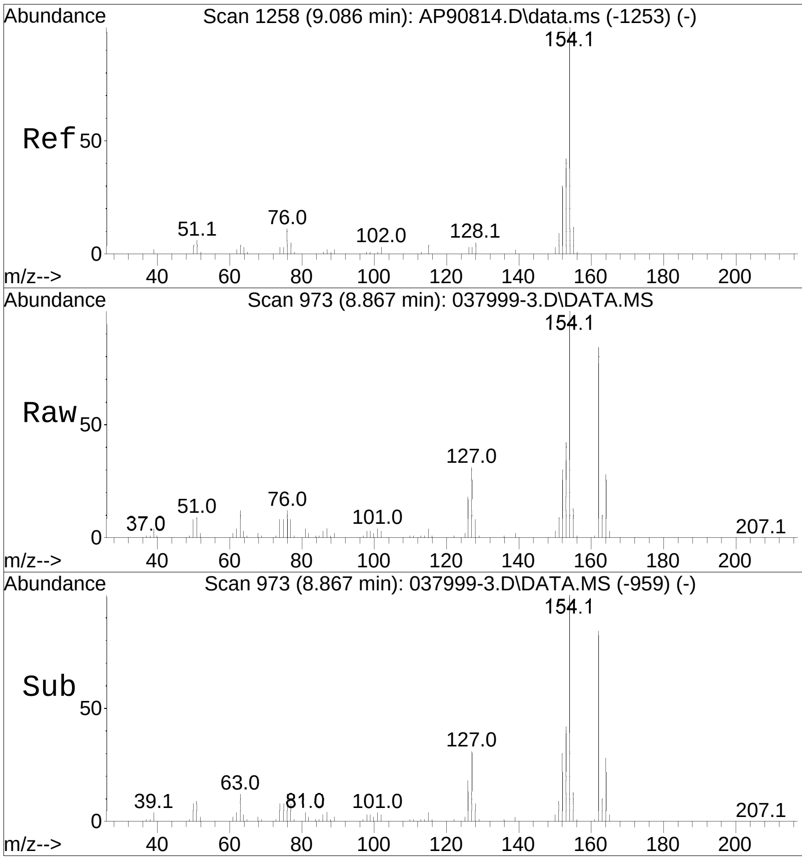


#61
1,2,4,5-Tetrachlorobenzene
Concen: 1.72 ug/ml
RT: 8.561 min Scan# 939
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:216 Resp: 45825

Ion	Ratio	Lower	Upper
216	100		
214	75.8	63.7	95.5
179	19.3	19.0	28.6

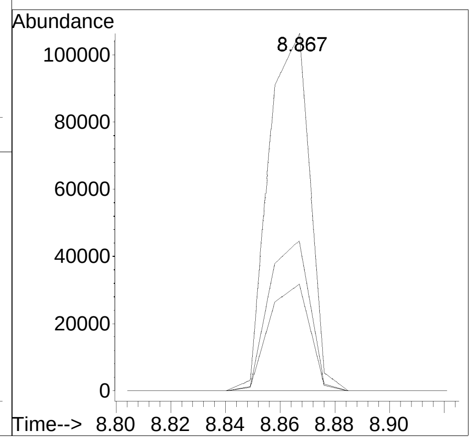


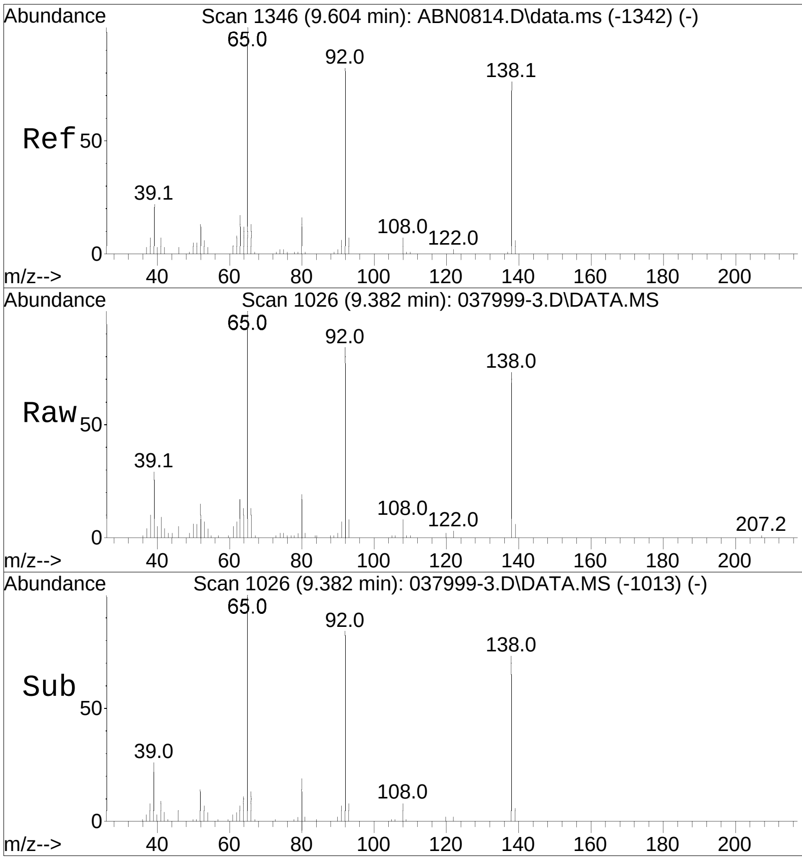


#62
Biphenyl
Concen: 1.84 ug/ml
RT: 8.867 min Scan# 973
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:154 Resp: 111107

Ion	Ratio	Lower	Upper
154	100		
153	41.7	32.3	48.5
152	29.6	22.5	33.7

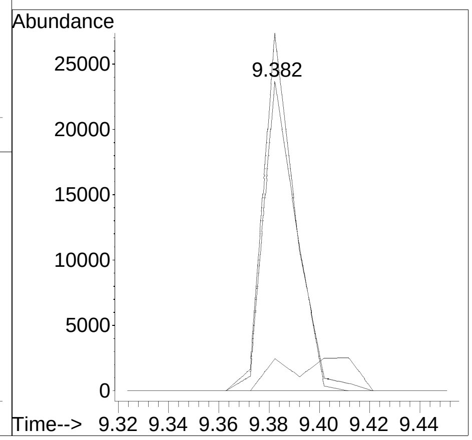


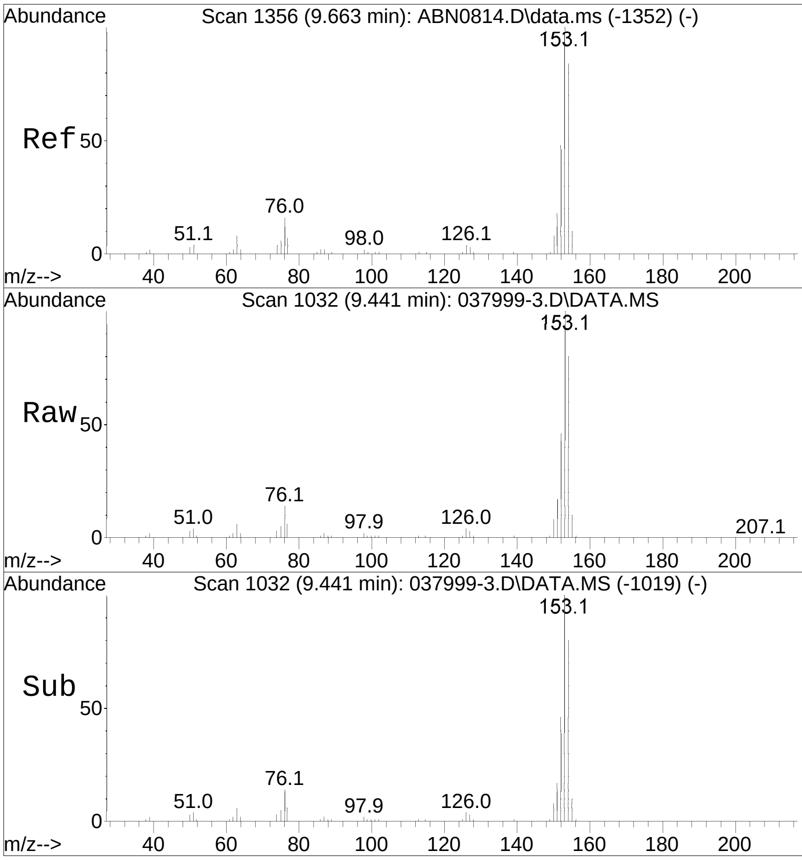


#64
3-Nitroaniline
Concen: 2.29 ug/ml
RT: 9.382 min Scan# 1026
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:138 Resp: 21277

Ion	Ratio	Lower	Upper
138	100		
92	113.9	93.4	140.2
108	23.7	9.5	14.3#

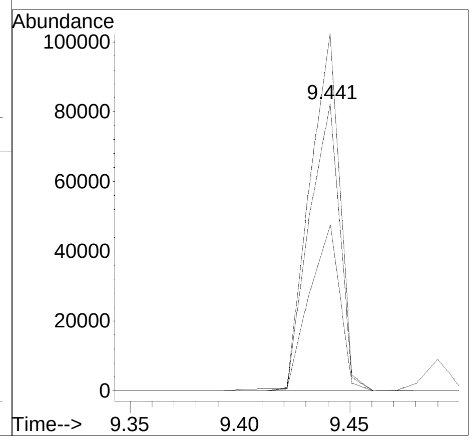


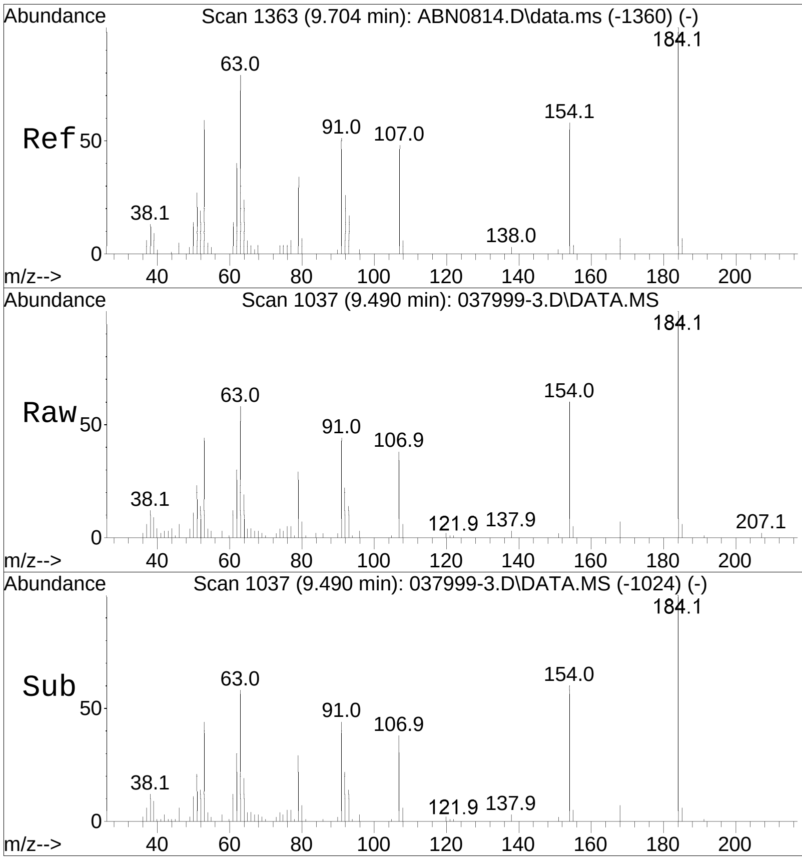


#65
Acenaphthene
Concen: 2.08 ug/ml
RT: 9.441 min Scan# 1032
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:154 Resp: 80235

Ion	Ratio	Lower	Upper
154	100		
153	121.0	85.3	127.9
152	57.2	41.4	62.0

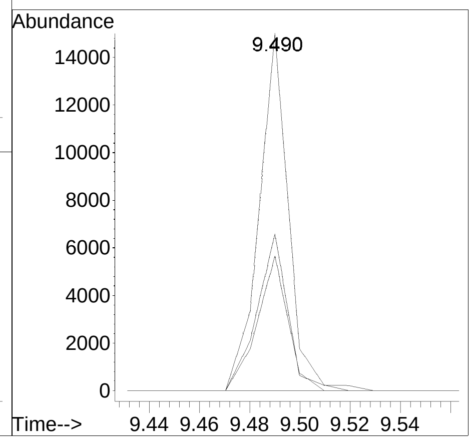


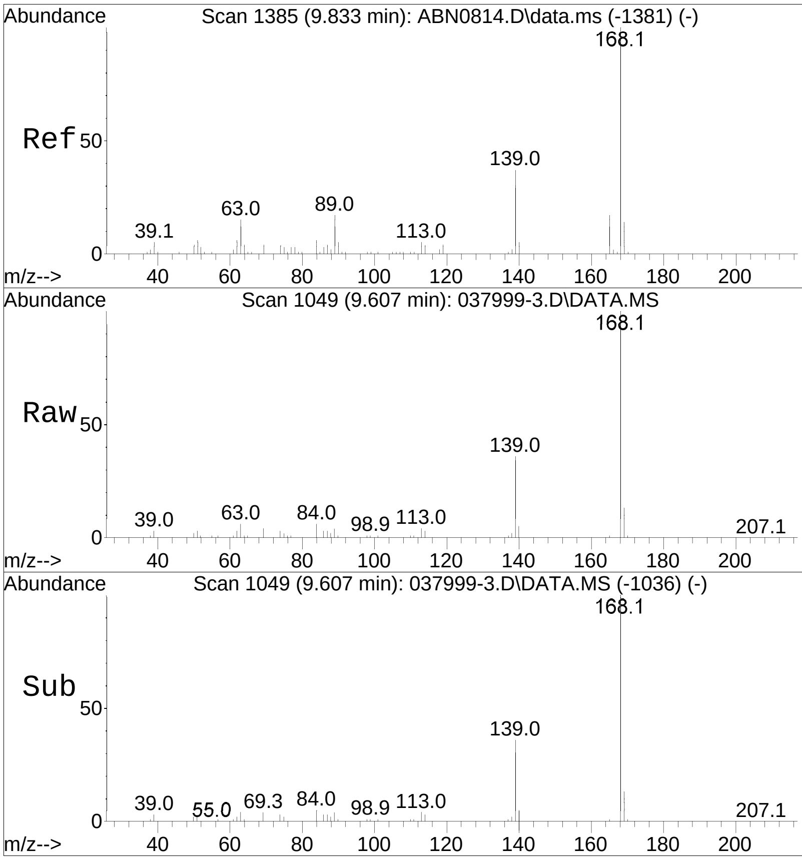


#66
2,4-Dinitrophenol
Concen: 2.56 ug/ml
RT: 9.490 min Scan# 1037
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:184 Resp: 11953

Ion	Ratio	Lower	Upper
184	100		
107	40.2	37.7	56.5
91	48.0	46.3	69.5

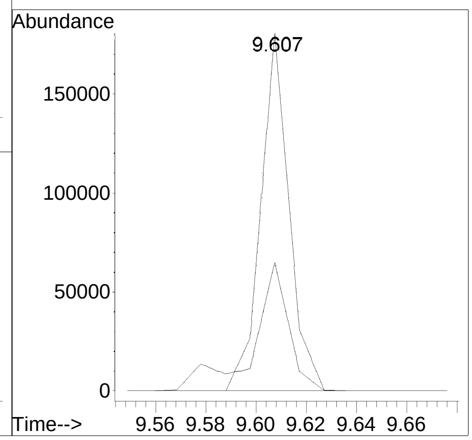


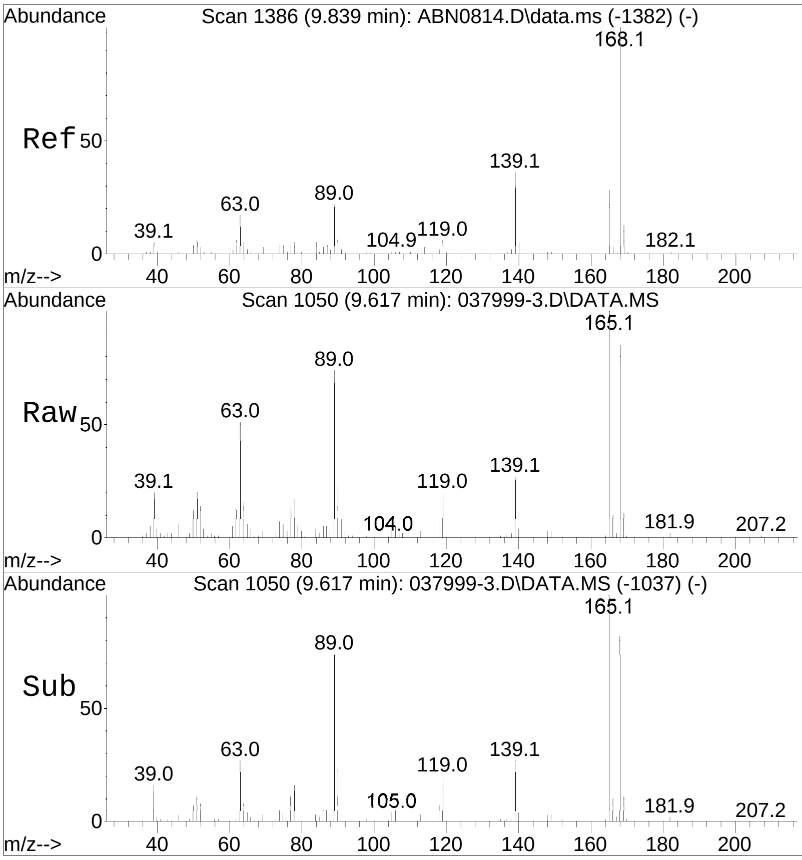


#67
Dibenzofuran
Concen: 2.12 ug/ml
RT: 9.607 min Scan# 1049
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:168 Resp: 139738

Ion	Ratio	Lower	Upper
168	100		
139	45.5	31.4	47.2

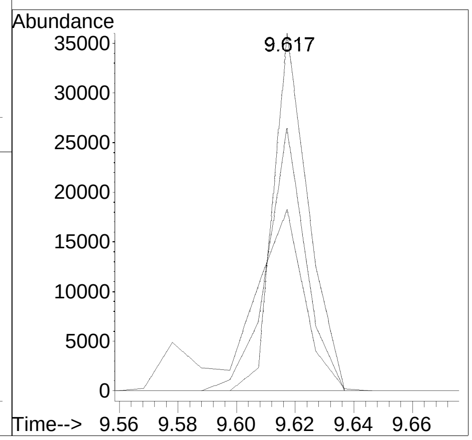


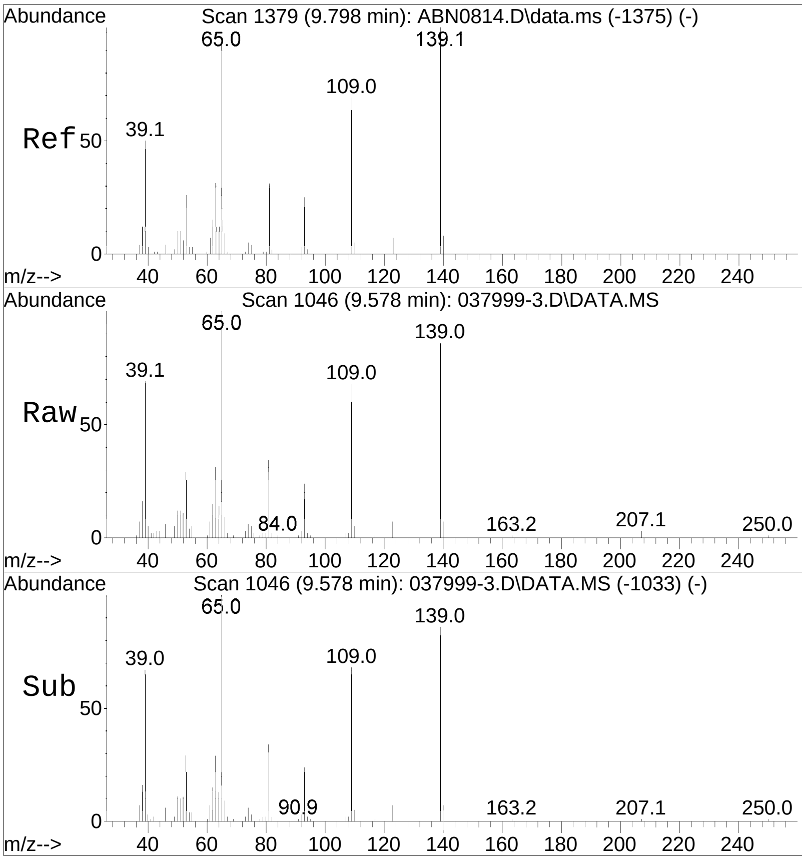


#68
2,4-Dinitrotoluene
Concen: 2.22 ug/ml
RT: 9.617 min Scan# 1050
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:165 Resp: 29848

Ion	Ratio	Lower	Upper
165	100		
89	80.6	72.0	108.0
63	83.7	52.7	79.1#

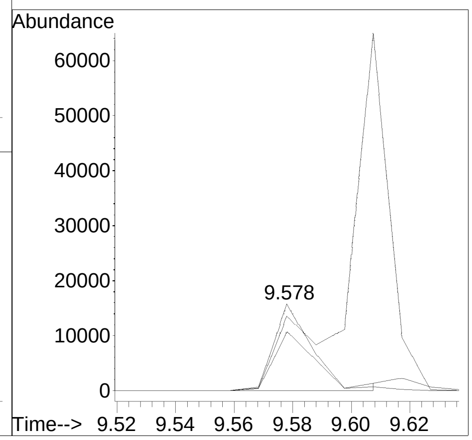


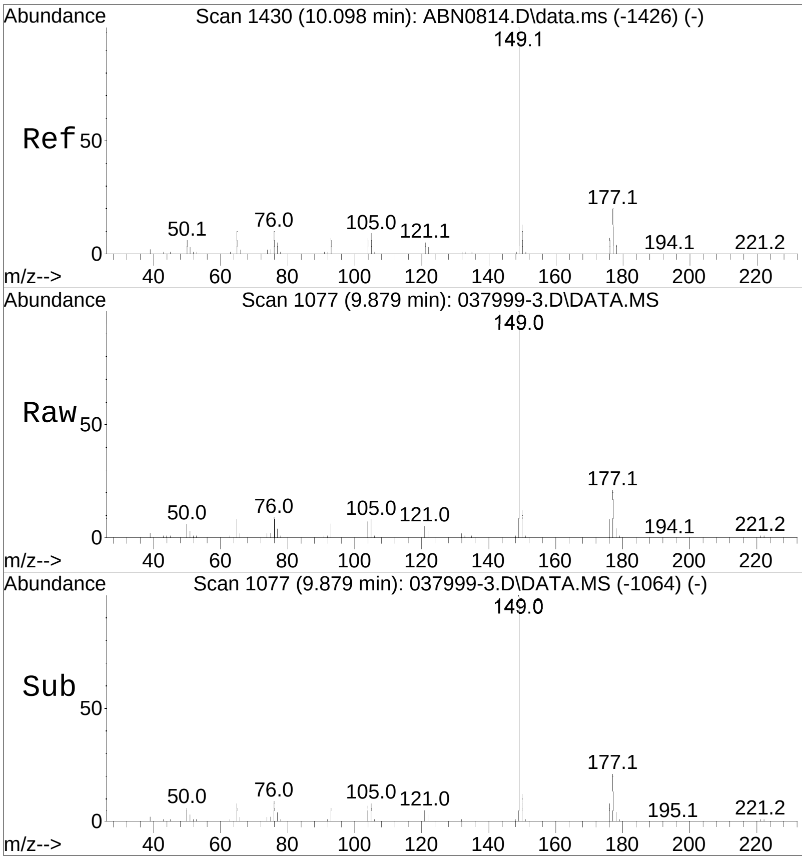


#69
4-Nitrophenol
Concen: 2.04 ug/ml
RT: 9.578 min Scan# 1046
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion: 65 Resp: 14548

Ion	Ratio	Lower	Upper
65	100		
109	72.4	47.4	71.2#
139	437.0	76.6	115.0#

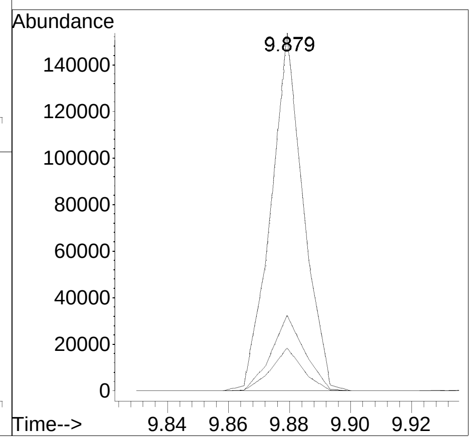


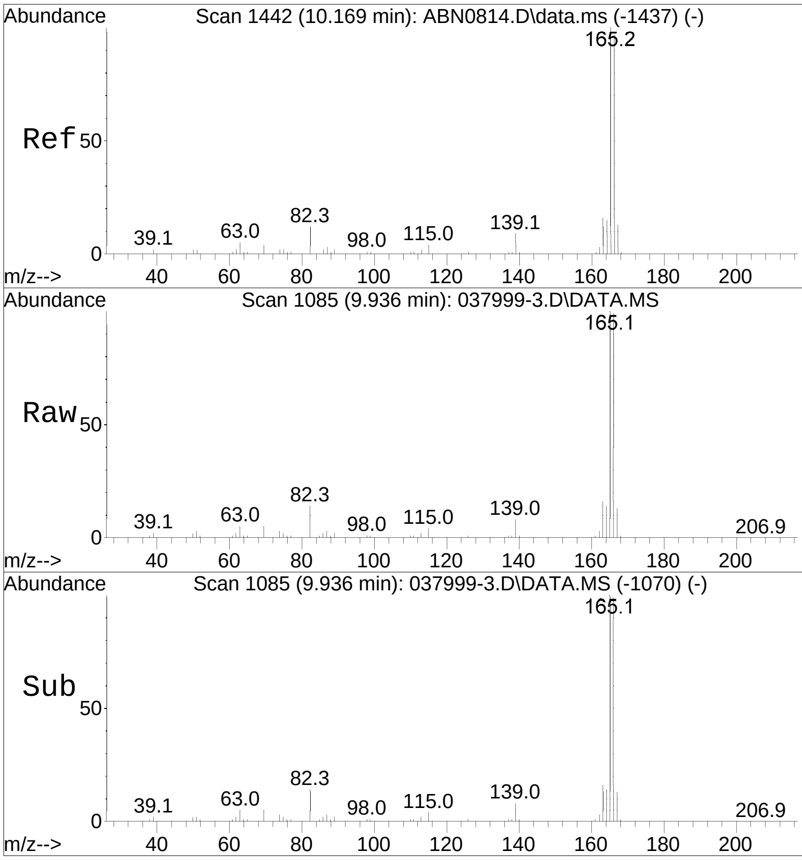


#72
Diethyl phthalate
Concen: 2.38 ug/ml
RT: 9.879 min Scan# 1077
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025   1:29 pm

Tgt Ion:149 Resp: 113114

Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	11.8	9.4	14.2

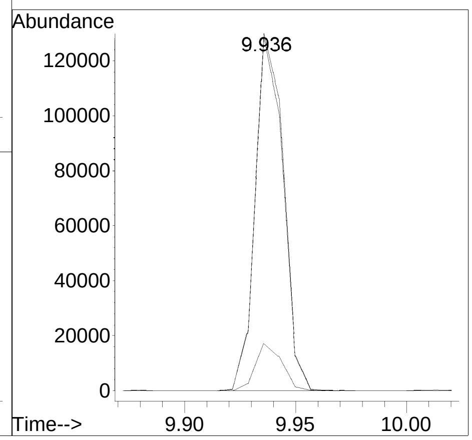


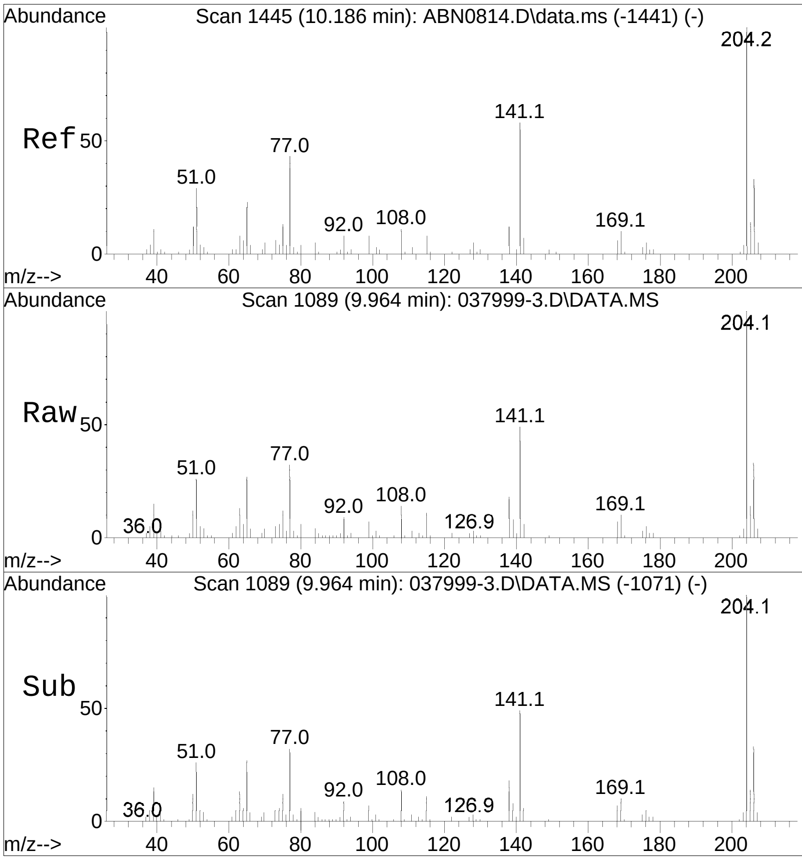


#73
Fluorene
Concen: 2.19 ug/ml
RT: 9.936 min Scan# 1085
Delta R.T. -0.007 min
Lab File: 037999-3.D
Acq: 9 Mar 2025   1:29 pm

Tgt Ion:166 Resp: 111935

Ion	Ratio	Lower	Upper
166	100		
165	103.1	76.2	114.2
167	12.9	10.6	15.8

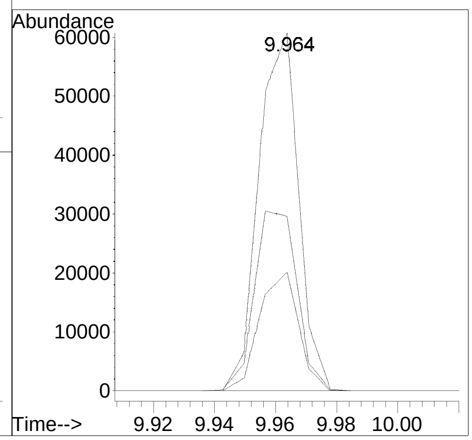


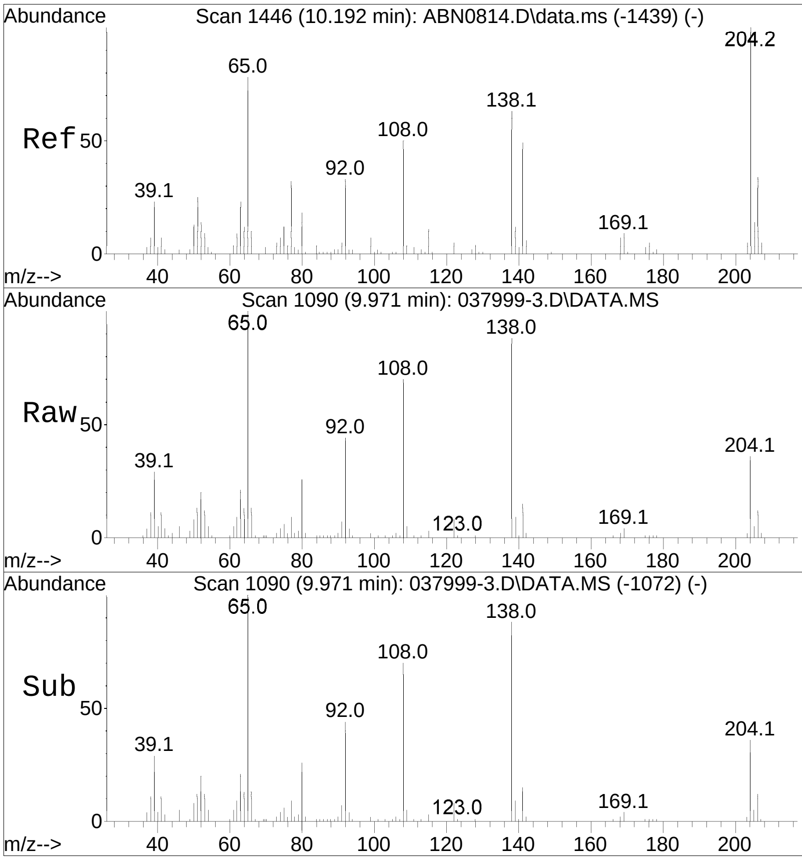


#74
4-Chlorophenyl phenyl ether
Concen: 2.09 ug/ml
RT: 9.964 min Scan# 1089
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:204 Resp: 54794

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.6
141	53.9	53.6	80.4

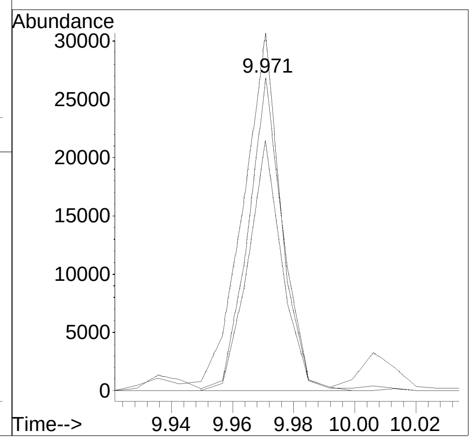


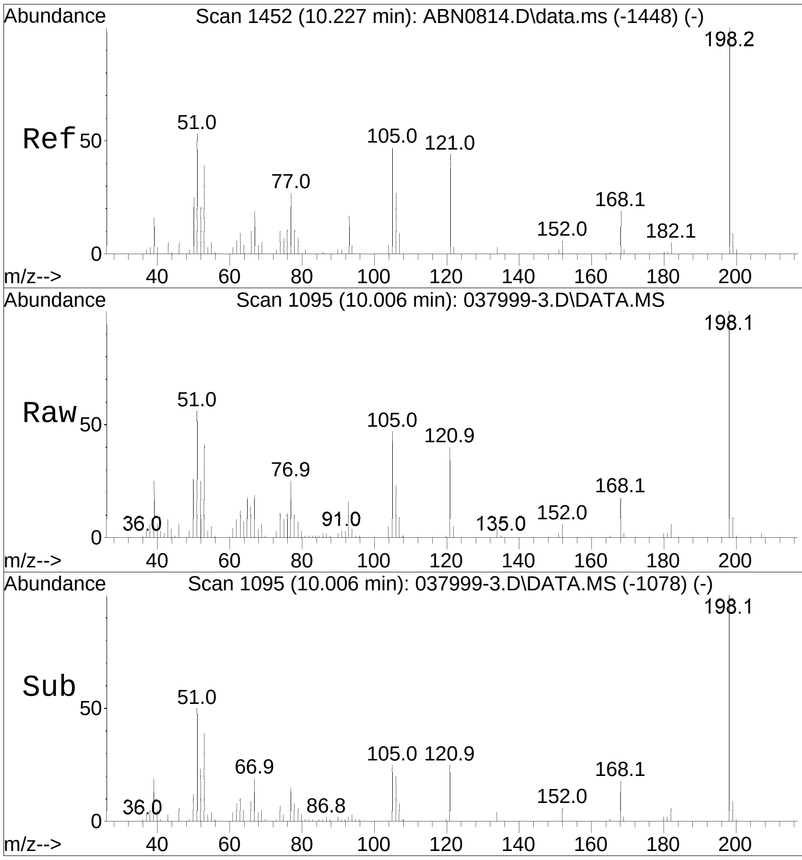


#75
4-Nitroaniline
Concen: 2.41 ug/ml
RT: 9.971 min Scan# 1090
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:138 Resp: 21215

Ion	Ratio	Lower	Upper
138	100		
108	78.9	52.1	78.1#
65	129.4	115.0	172.6

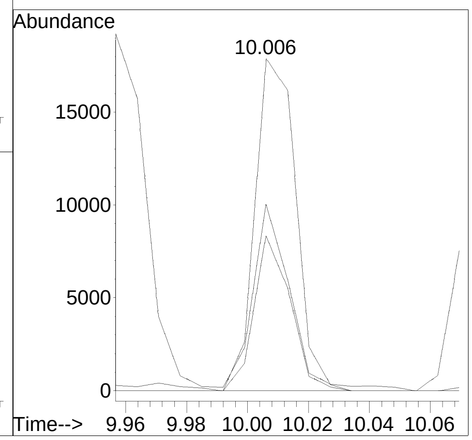


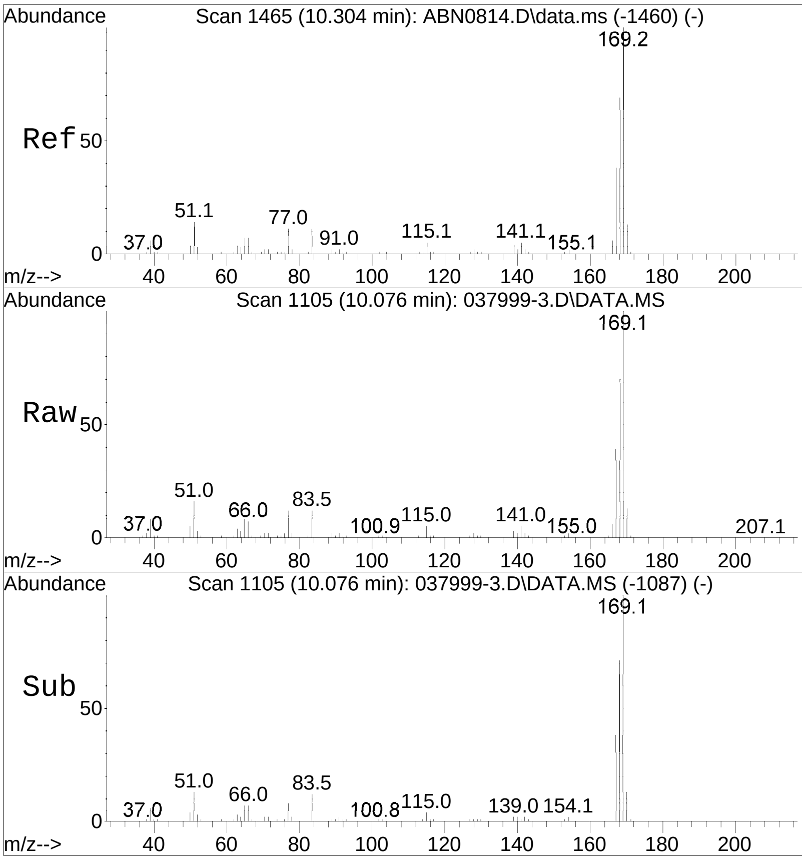


#76
4,6-Dinitro-o-cresol
Concen: 2.36 ug/ml
RT: 10.006 min Scan# 1095
Delta R.T. -0.007 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:198 Resp: 16654

Ion	Ratio	Lower	Upper
198	100		
51	48.0	76.0	114.0#
105	41.6	45.6	68.4#

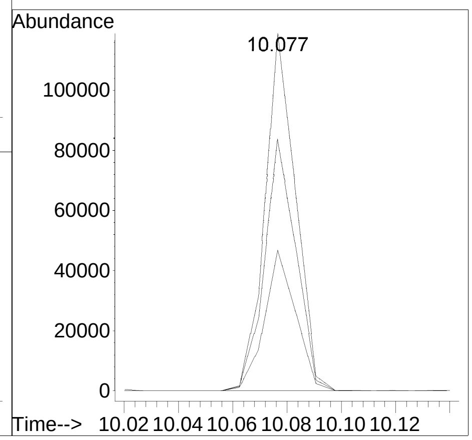


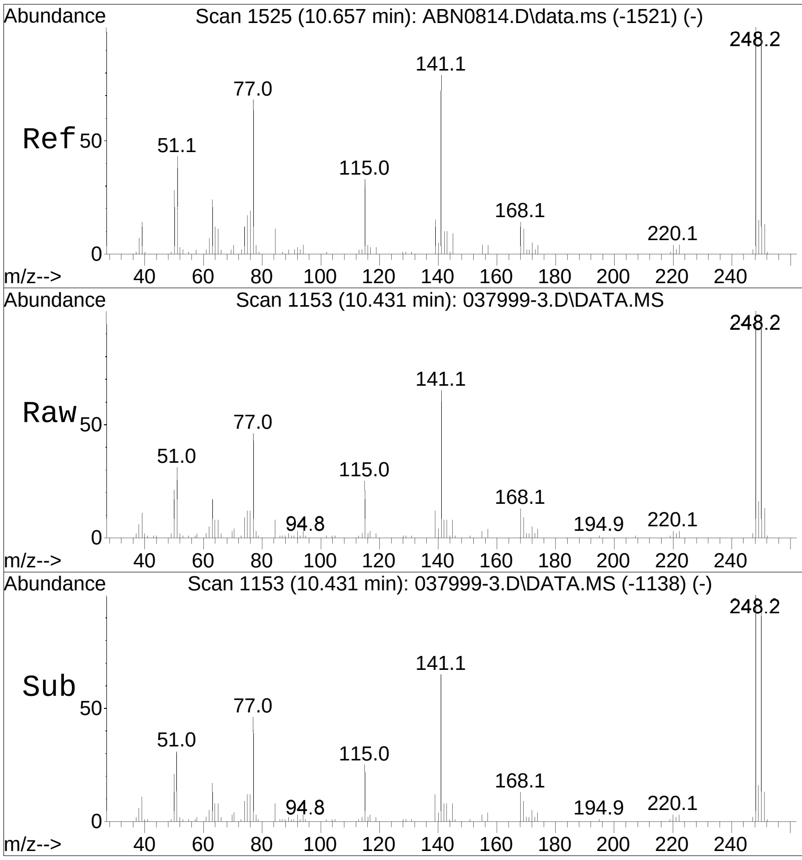


#77
NDPA/DPA
Concen: 2.17 ug/ml
RT: 10.076 min Scan# 1105
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:169 Resp: 93077

Ion	Ratio	Lower	Upper
169	100		
168	72.2	54.0	81.0
167	40.3	28.6	42.8

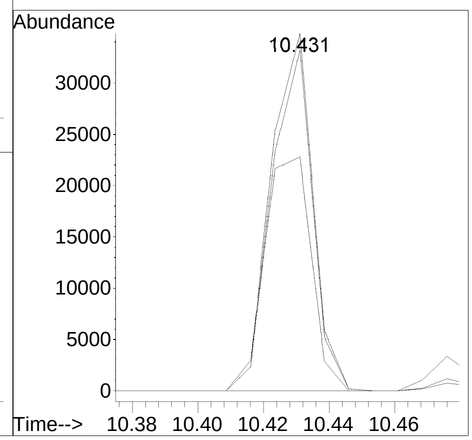


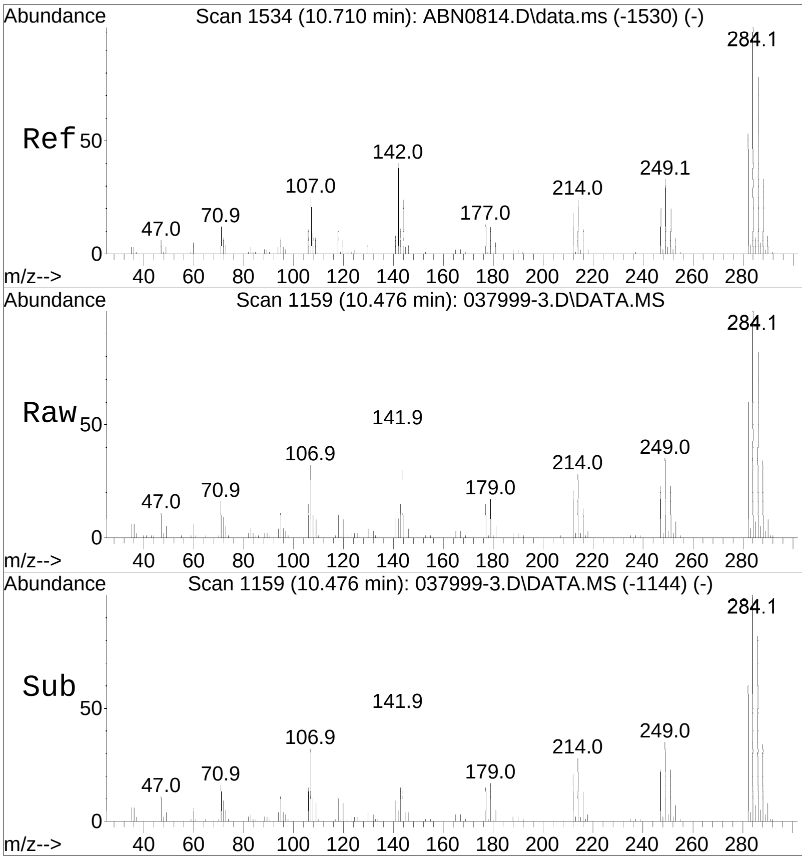


#80
4-Bromophenyl phenyl ether
Concen: 1.96 ug/ml
RT: 10.431 min Scan# 1153
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:248 Resp: 30787

Ion	Ratio	Lower	Upper
248	100		
141	73.3	76.6	114.8#
250	93.8	77.3	115.9

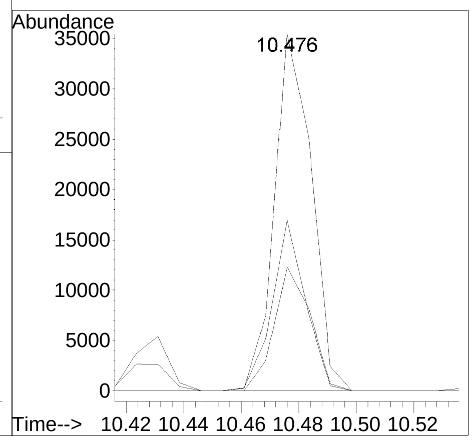


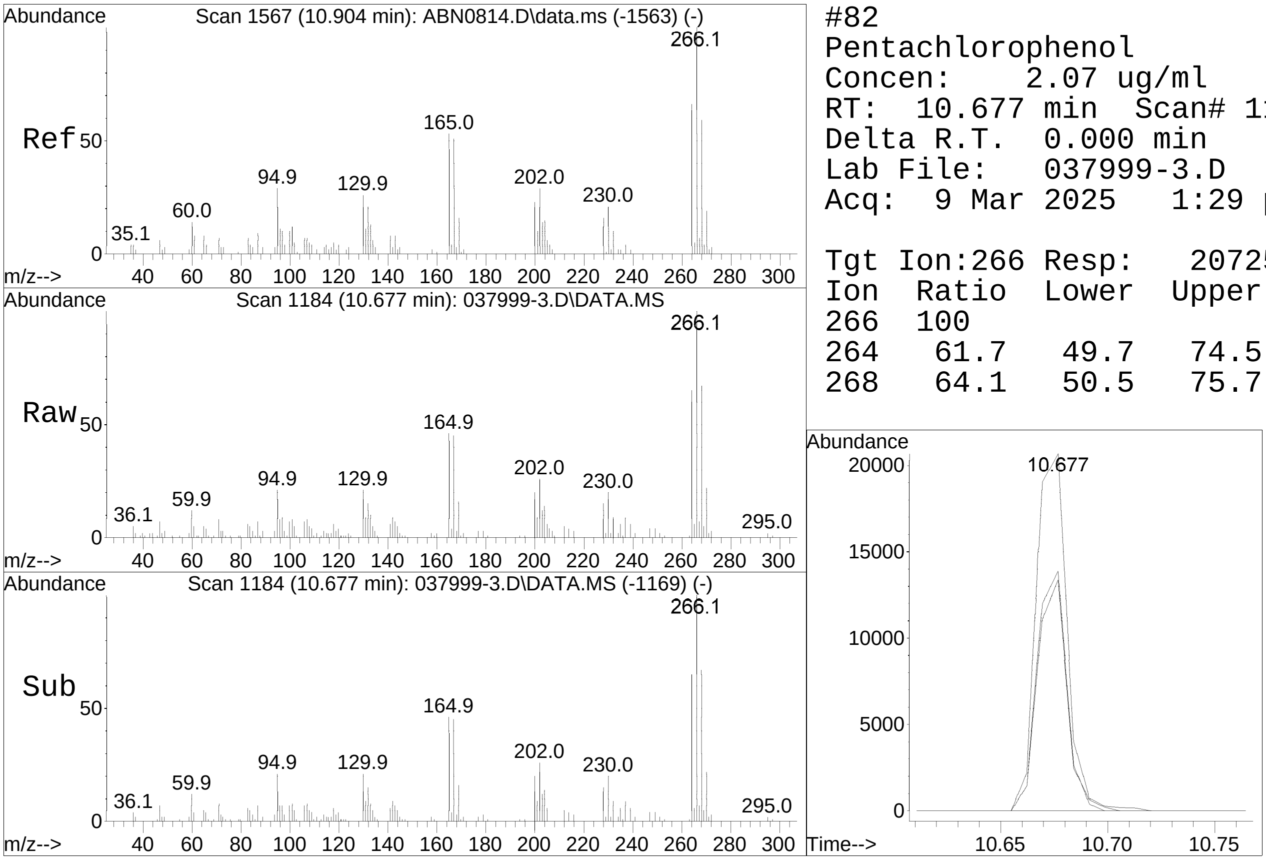


#81
Hexachlorobenzene
Concen: 1.73 ug/ml
RT: 10.476 min Scan# 1159
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:284 Resp: 31730

Ion	Ratio	Lower	Upper
284	100		
142	43.0	41.9	62.9
249	34.1	24.1	36.1

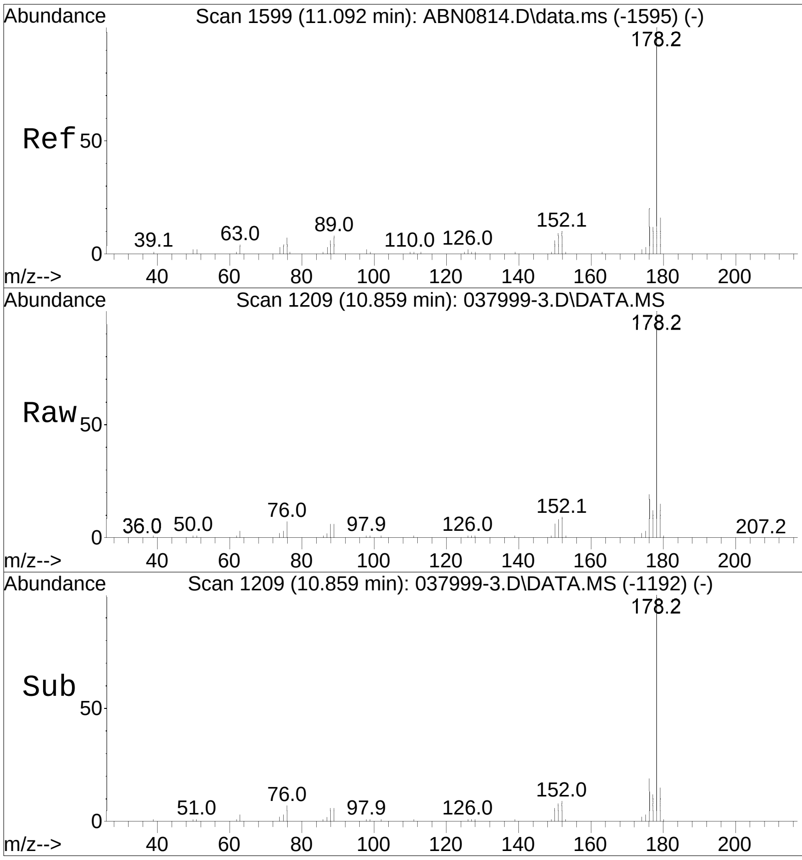




#82
Pentachlorophenol
Concen: 2.07 ug/ml
RT: 10.677 min Scan# 1184
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:266 Resp: 20725

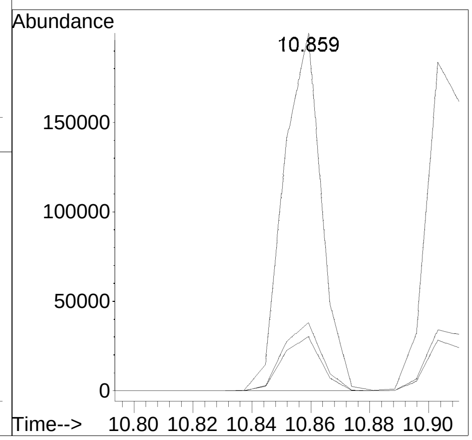
Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.7	74.5
268	64.1	50.5	75.7

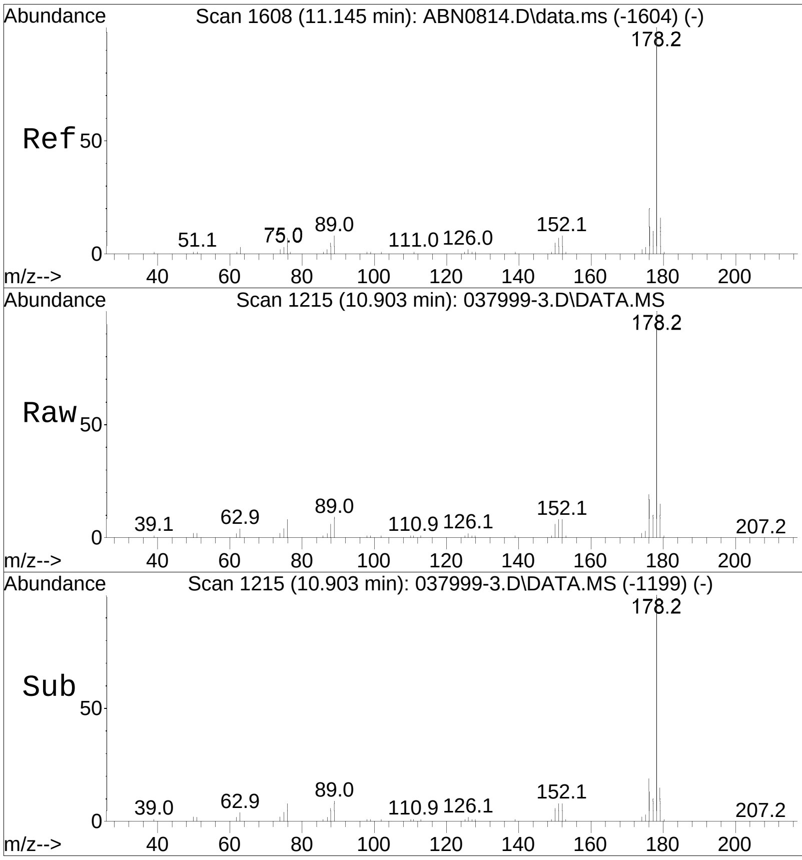


#89
Phenanthrene
Concen: 2.24 ug/ml
RT: 10.859 min Scan# 1209
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:178 Resp: 178549

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.3	15.4	23.2

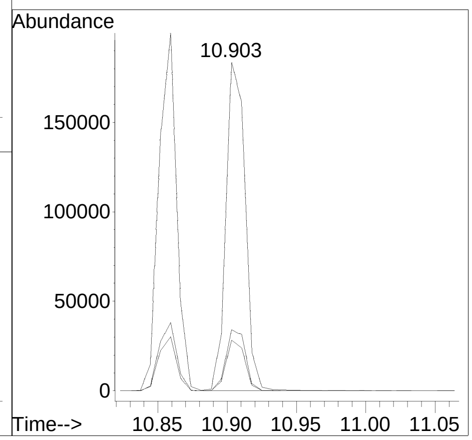


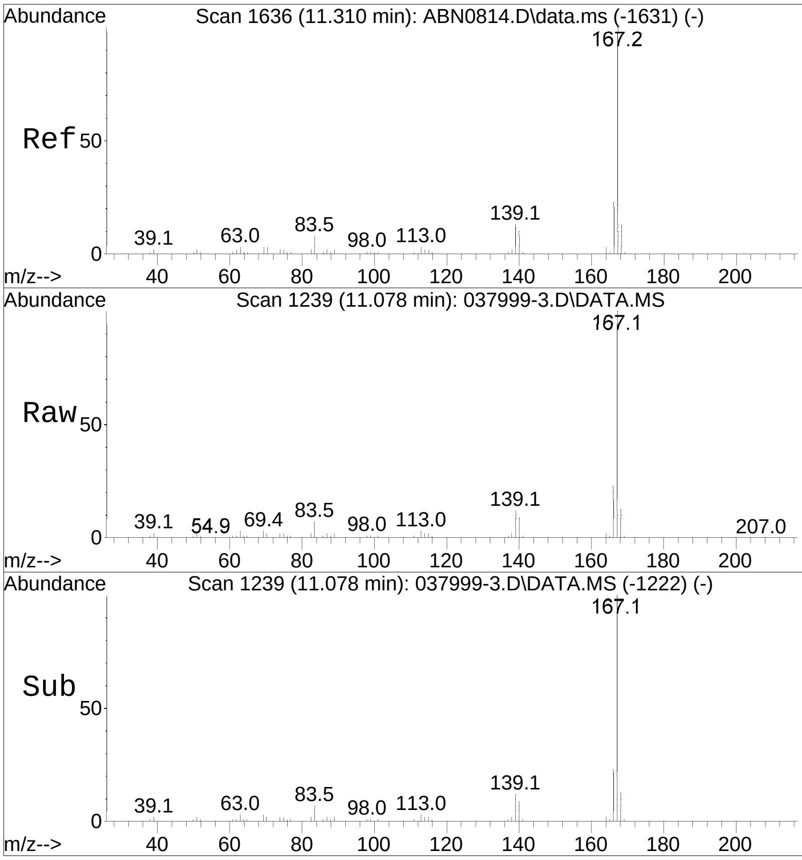


#90
Anthracene
Concen: 2.32 ug/ml
RT: 10.903 min Scan# 1215
Delta R.T. -0.007 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:178 Resp: 177569

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	19.0	14.6	22.0

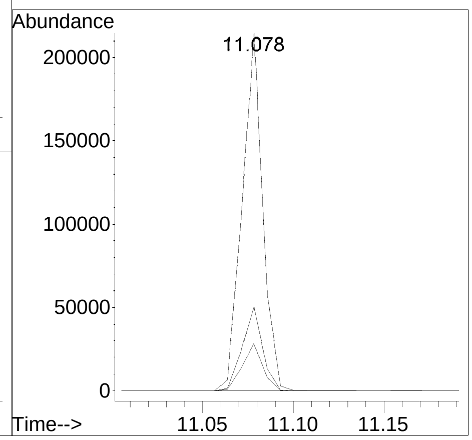


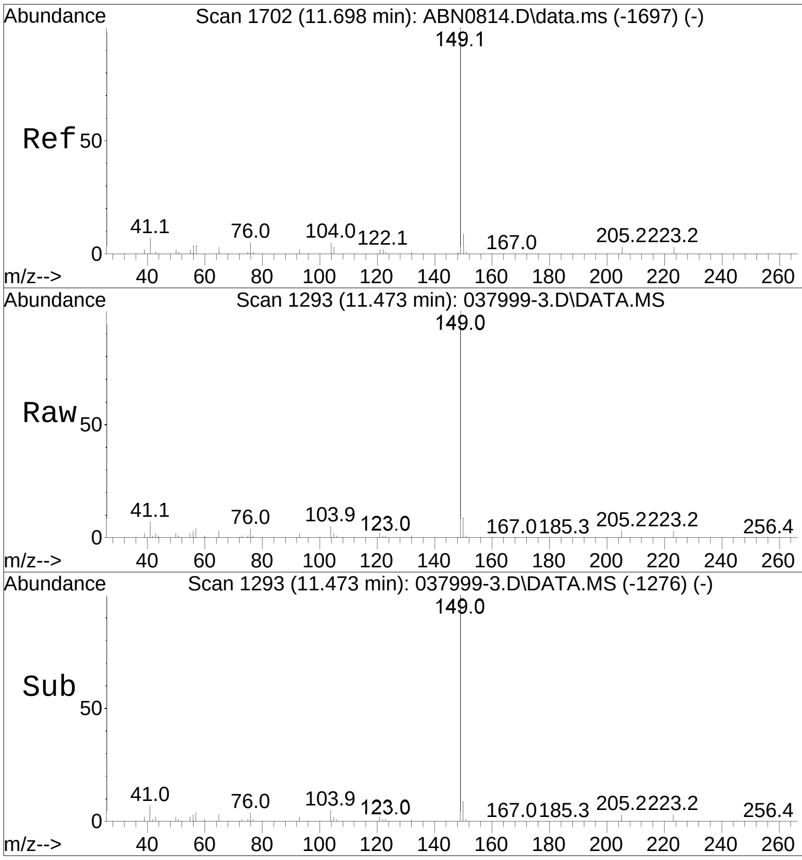


#91
Carbazole
Concen: 2.44 ug/ml
RT: 11.078 min Scan# 1239
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:167 Resp: 167366

Ion	Ratio	Lower	Upper
167	100		
168	13.3	10.6	15.8
166	23.2	17.4	26.0

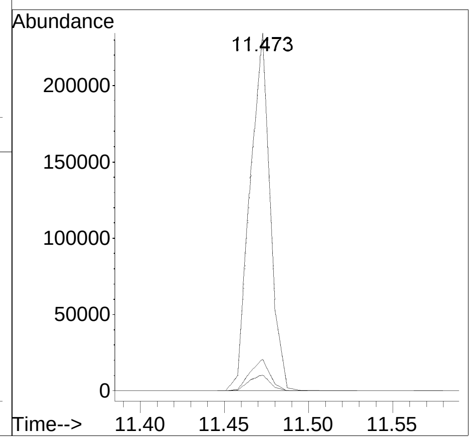


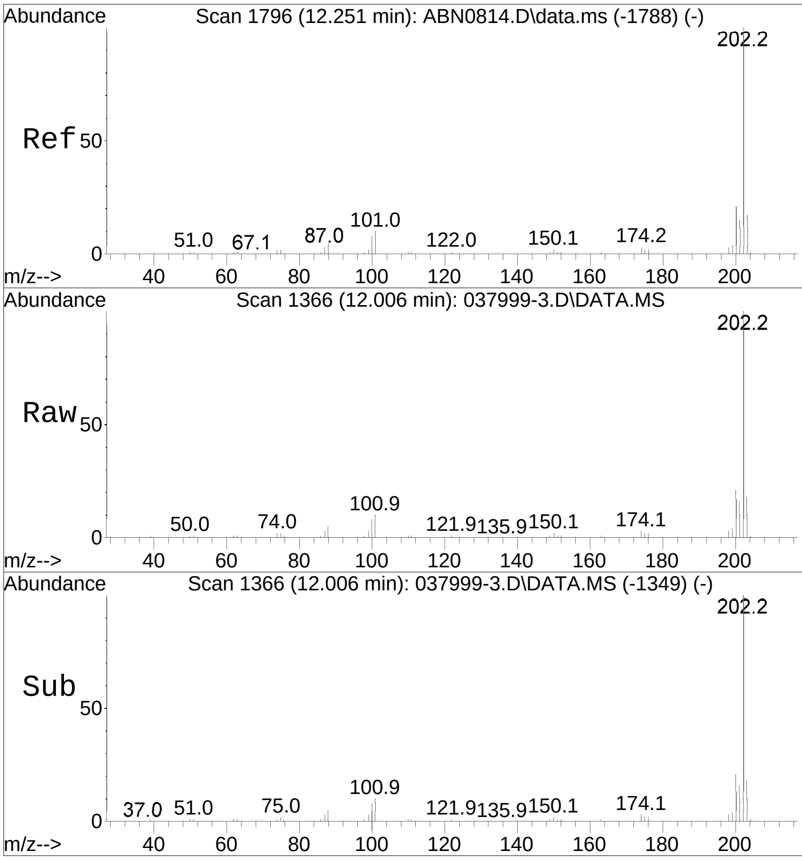


#92
Di-n-butylphthalate
Concen: 2.73 ug/ml
RT: 11.473 min Scan# 1293
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:149 Resp: 192362

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.0	10.6
104	4.7	4.5	6.7

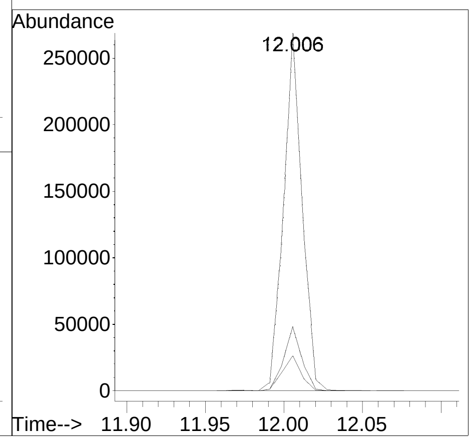


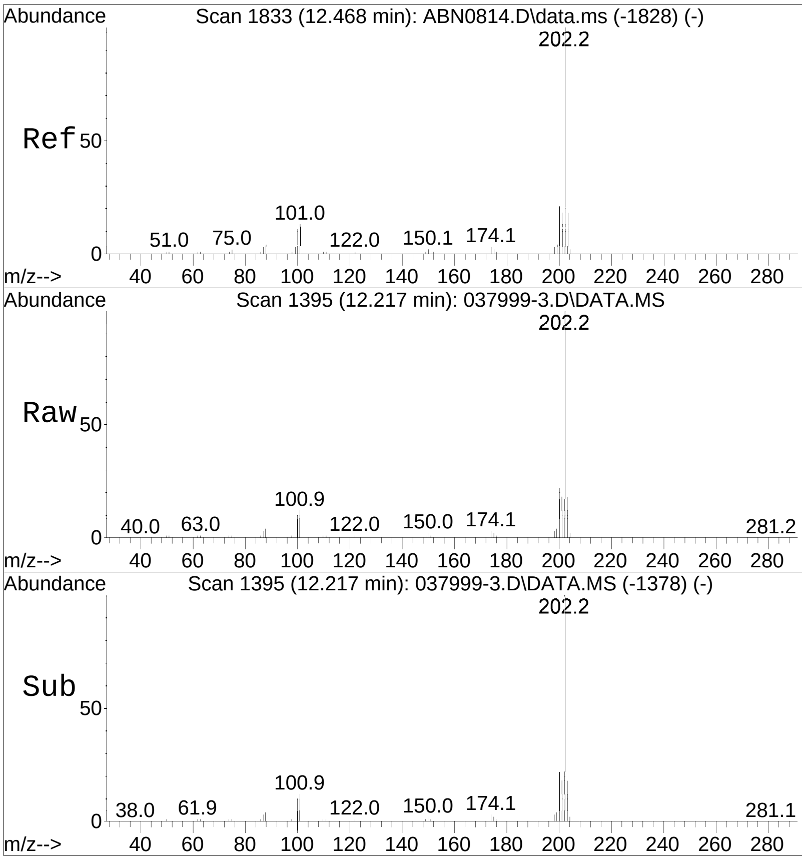


#93
Fluoranthene
Concen: 2.51 ug/ml
RT: 12.006 min Scan# 1366
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:202 Resp: 219444

Ion	Ratio	Lower	Upper
202	100		
101	10.0	13.5	20.3#
203	17.8	13.6	20.4

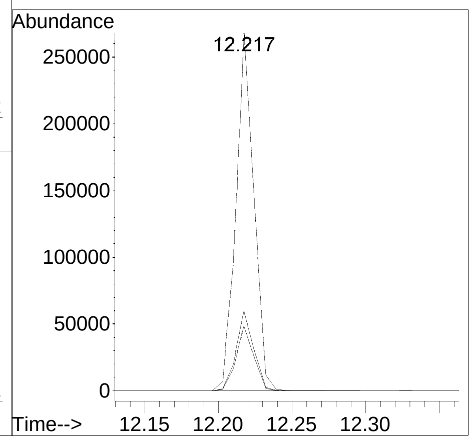


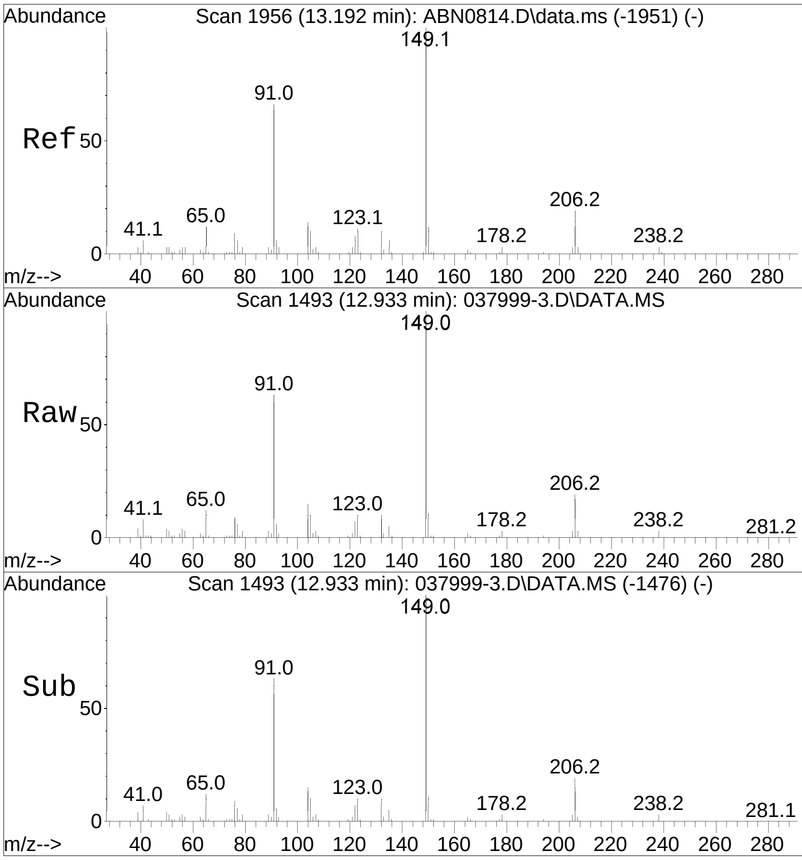


#95
Pyrene
Concen: 2.46 ug/ml
RT: 12.217 min Scan# 1395
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:202 Resp: 225786

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	17.9	14.2	21.4

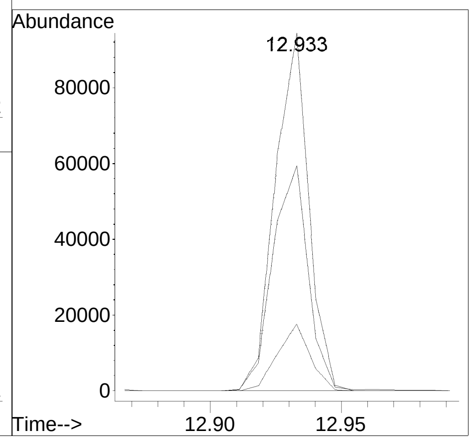


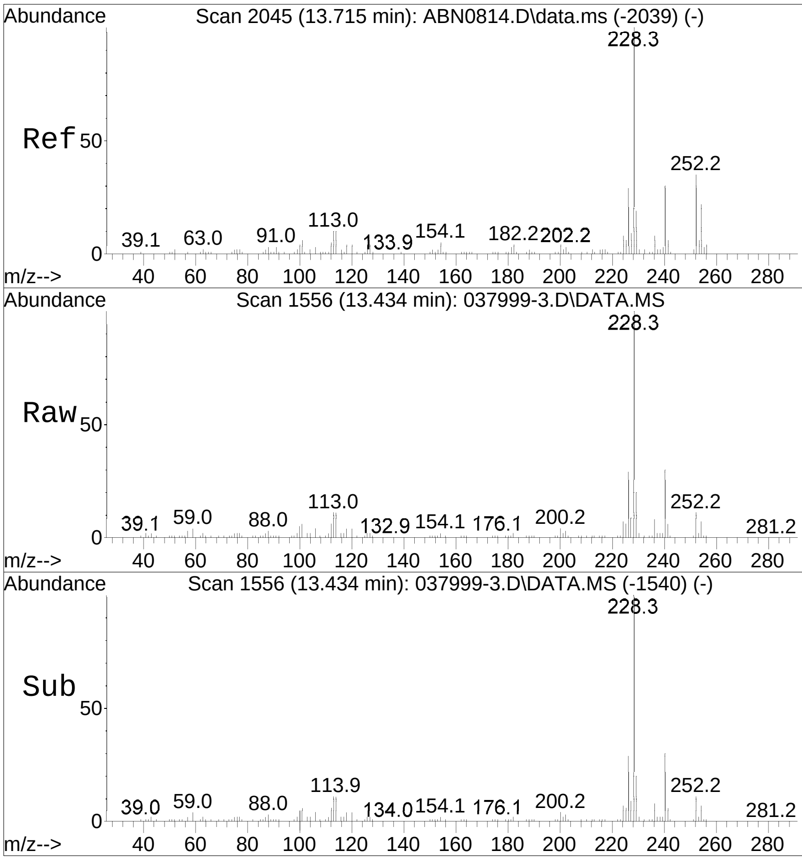


#97
Butyl benzyl phthalate
Concen: 2.65 ug/ml
RT: 12.933 min Scan# 1493
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:149 Resp: 83697

Ion	Ratio	Lower	Upper
149	100		
91	67.2	63.3	94.9
206	18.3	13.9	20.9

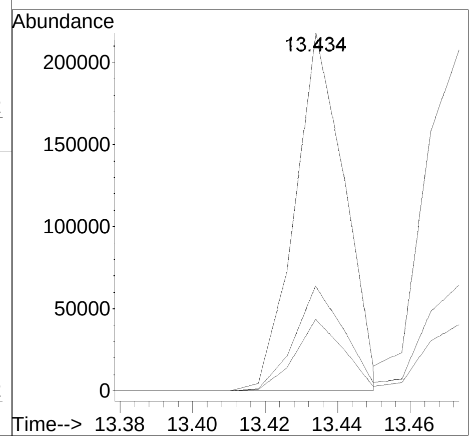


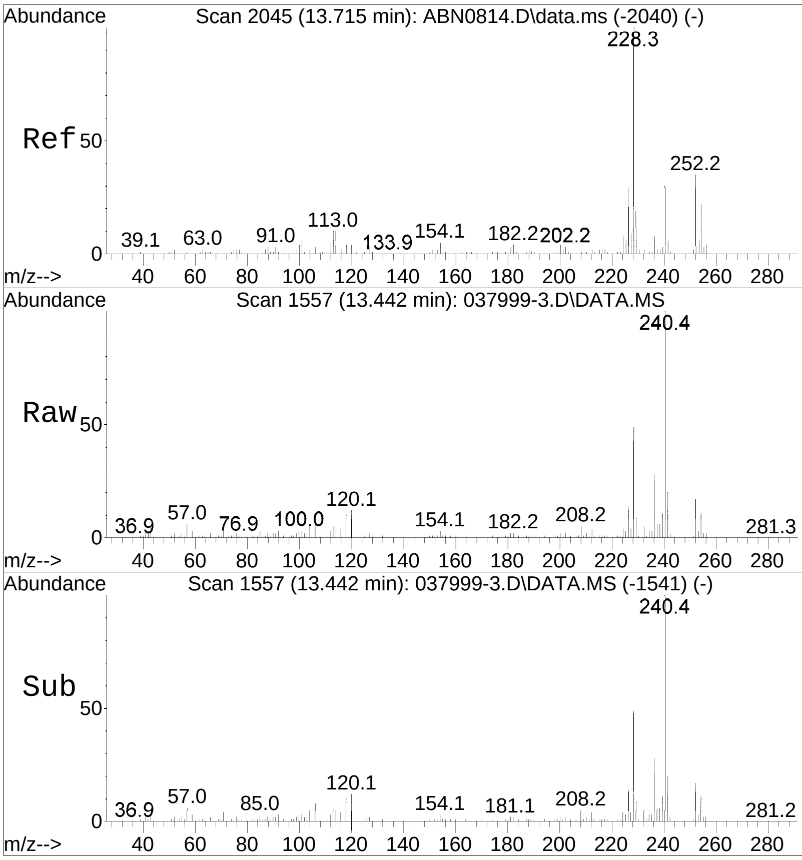


#105
Benzo(a)anthracene
Concen: 2.51 ug/ml
RT: 13.434 min Scan# 1556
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:228 Resp: 208523

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.4
229	19.7	15.6	23.4

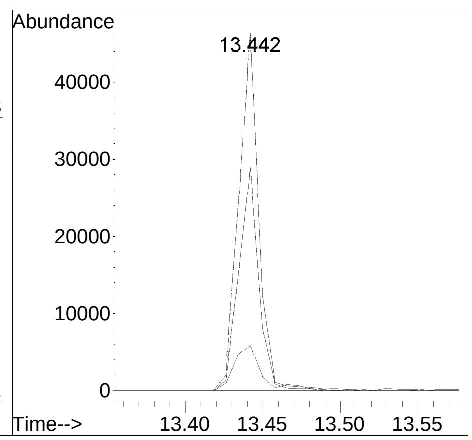


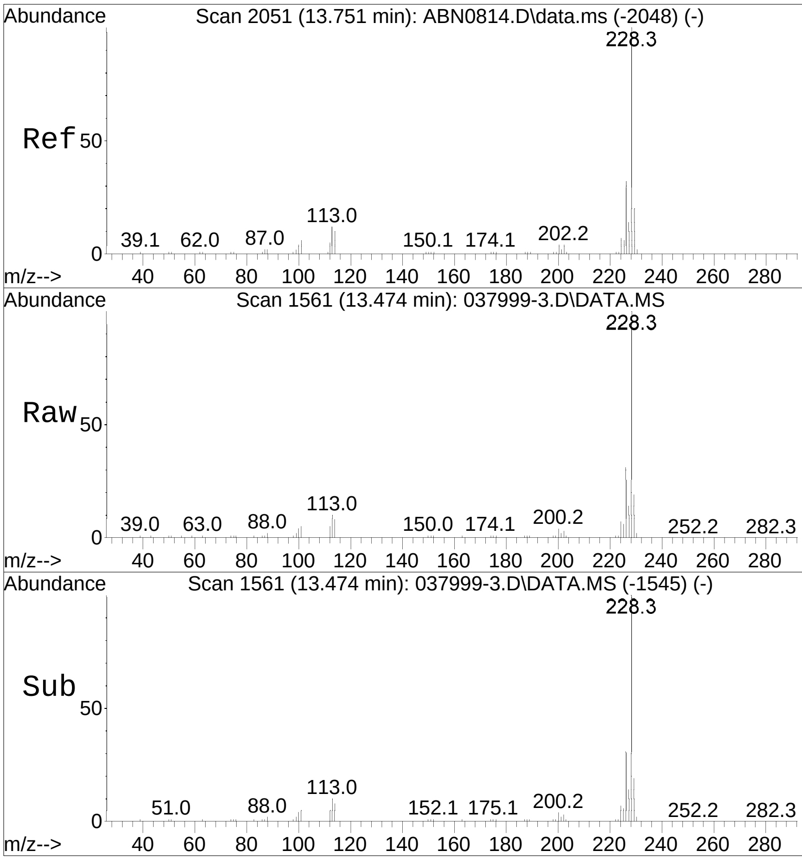


#106
3,3'-Dichlorobenzidine
Concen: 1.55 ug/ml
RT: 13.442 min Scan# 1557
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:252 Resp: 41525

Ion	Ratio	Lower	Upper
252	100		
126	17.4	14.5	21.7
254	62.5	51.2	76.8

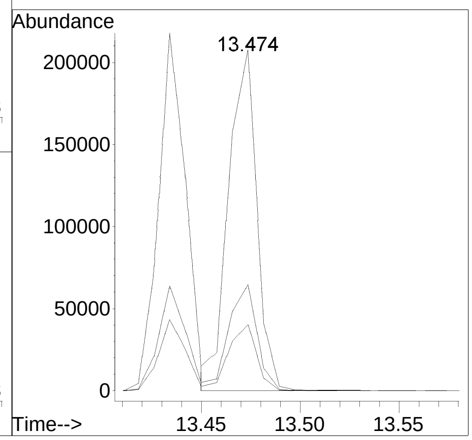


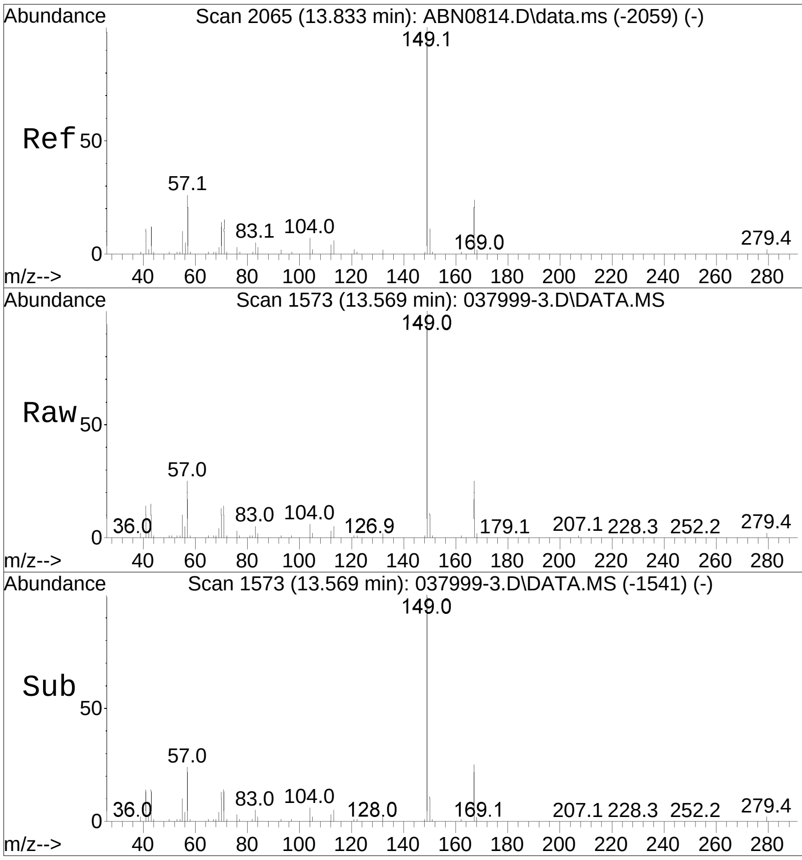


#107
Chrysene
Concen: 2.52 ug/ml
RT: 13.474 min Scan# 1561
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:228 Resp: 206624

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	19.3	15.8	23.8

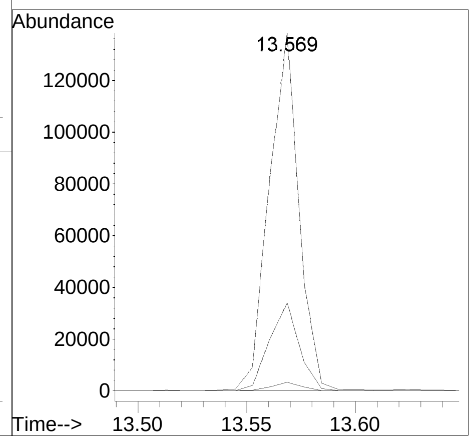


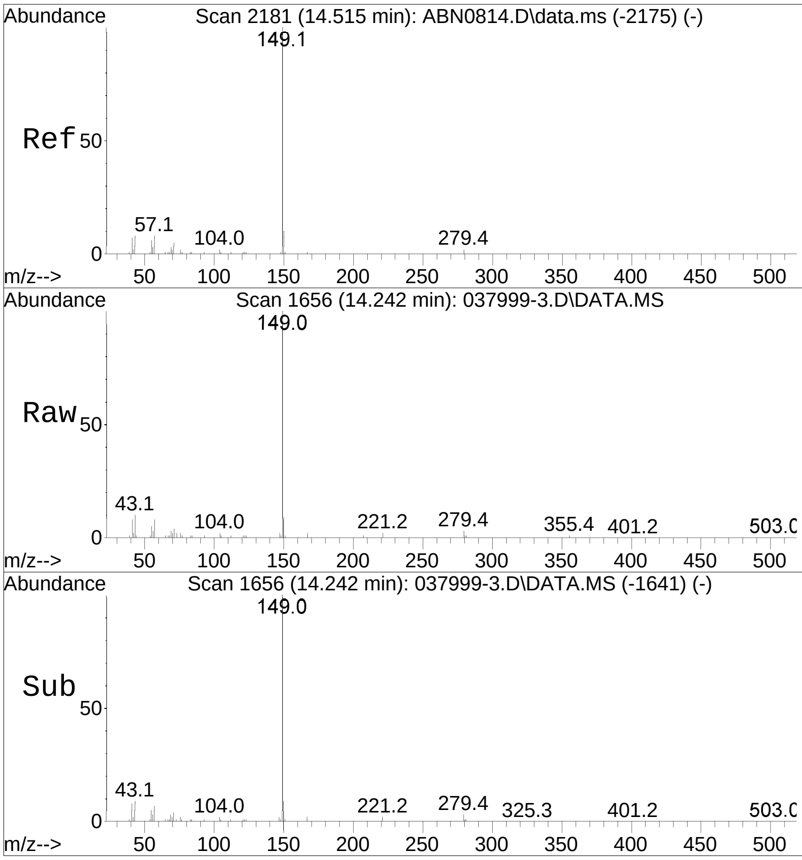


#108
Bis(2-ethylhexyl)phthalate
Concen: 2.86 ug/ml
RT: 13.569 min Scan# 1573
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:149 Resp: 130413

Ion	Ratio	Lower	Upper
149	100		
167	24.6	22.1	33.1
279	2.2	3.0	4.4#

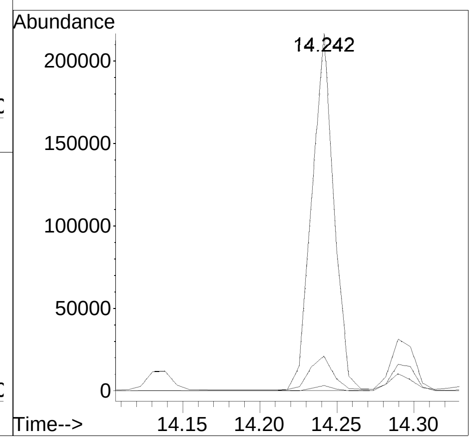


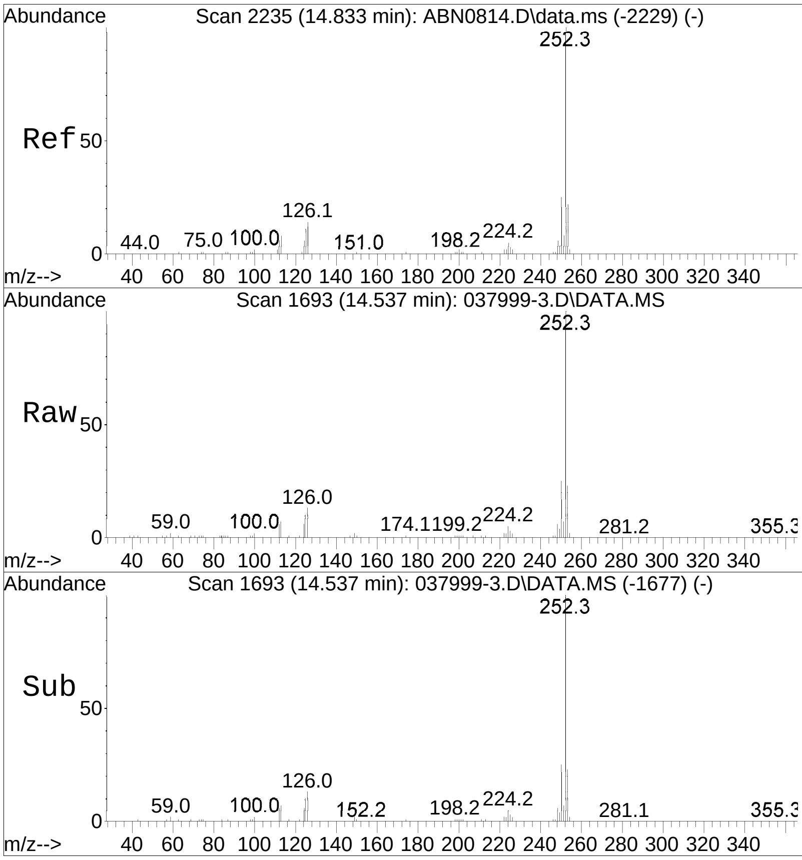


#109
Di-n-octylphthalate
Concen: 3.36 ug/ml
RT: 14.242 min Scan# 1656
Delta R.T. 0.008 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:149 Resp: 248252

Ion	Ratio	Lower	Upper
149	100		
43	10.5	18.8	28.2#
167	1.3	1.3	1.9#

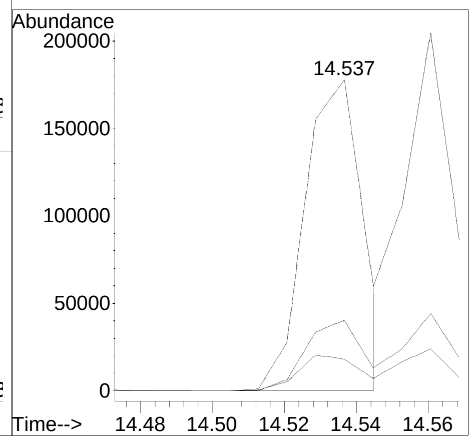


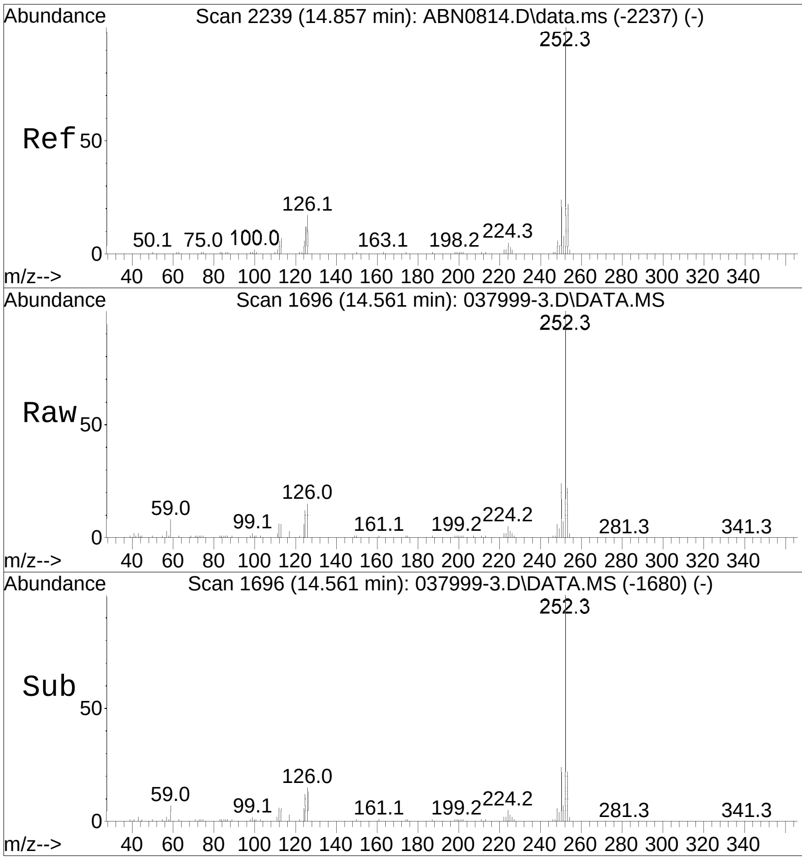


#110
Benzo(b)fluoranthene
Concen: 2.51 ug/ml
RT: 14.537 min Scan# 1693
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:252 Resp: 201774

Ion	Ratio	Lower	Upper
252	100		
125	12.2	13.3	19.9#
253	22.2	17.1	25.7

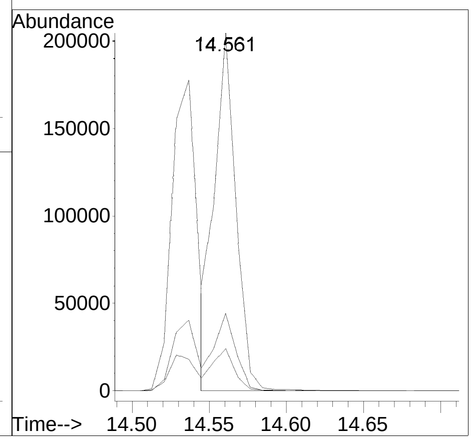


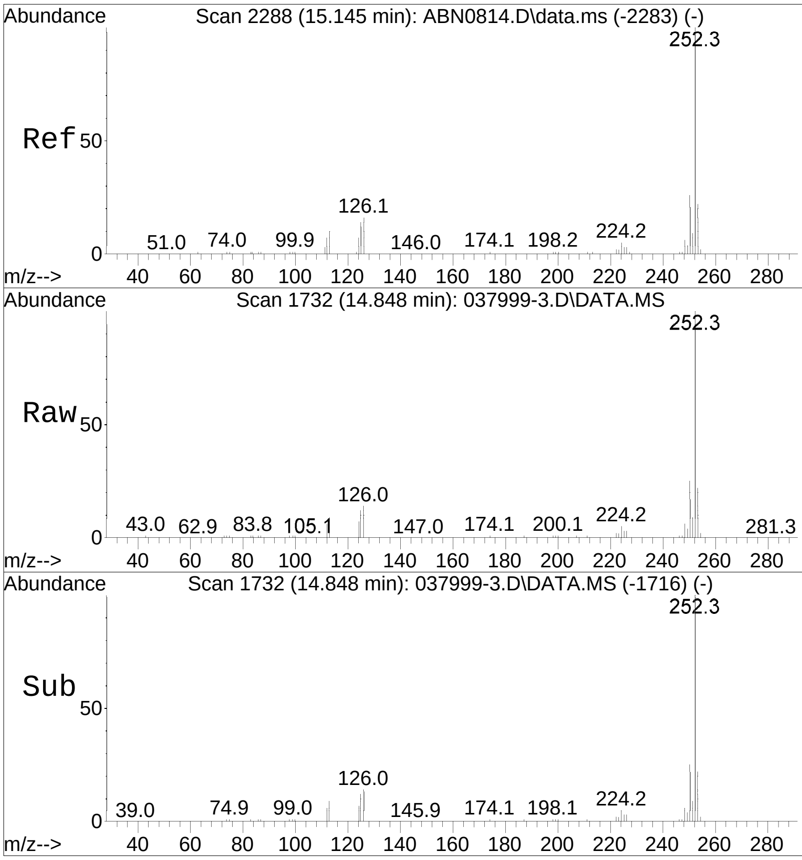


#111
Benzo(k)fluoranthene
Concen: 2.82 ug/ml
RT: 14.561 min Scan# 1696
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:252 Resp: 196477

Ion	Ratio	Lower	Upper
252	100		
125	12.2	13.0	19.6#
253	22.0	16.8	25.2

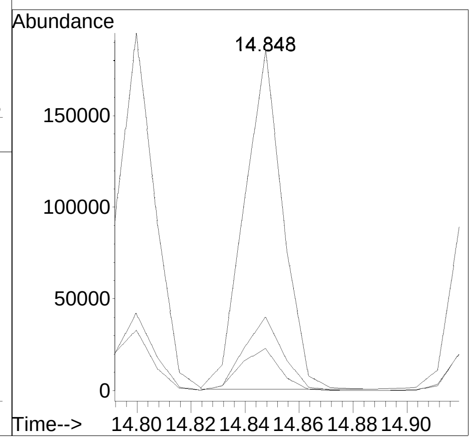


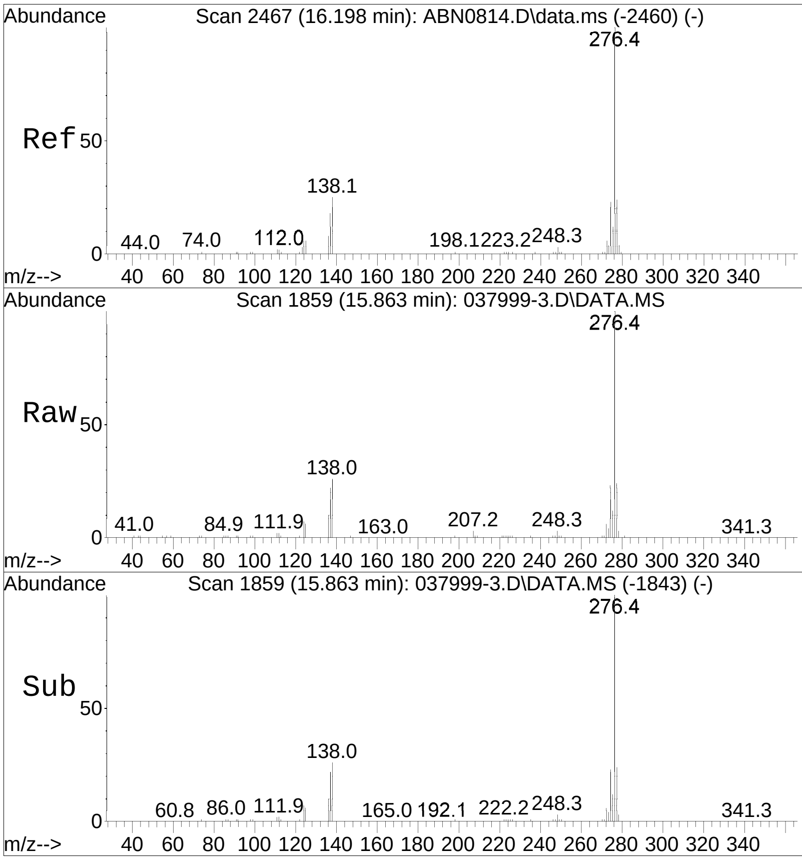


#112
Benzo(a)pyrene
Concen: 2.73 ug/ml
RT: 14.848 min Scan# 1732
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:252 Resp: 183052

Ion	Ratio	Lower	Upper
252	100		
125	12.8	14.2	21.2#
253	22.0	16.9	25.3

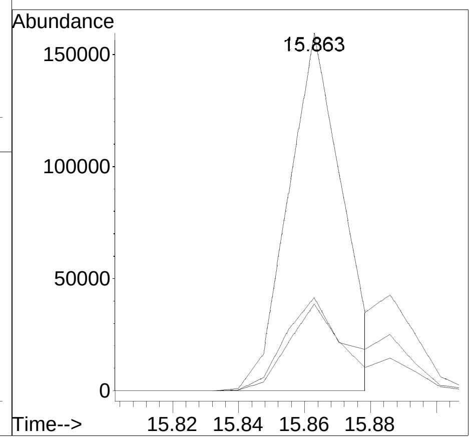


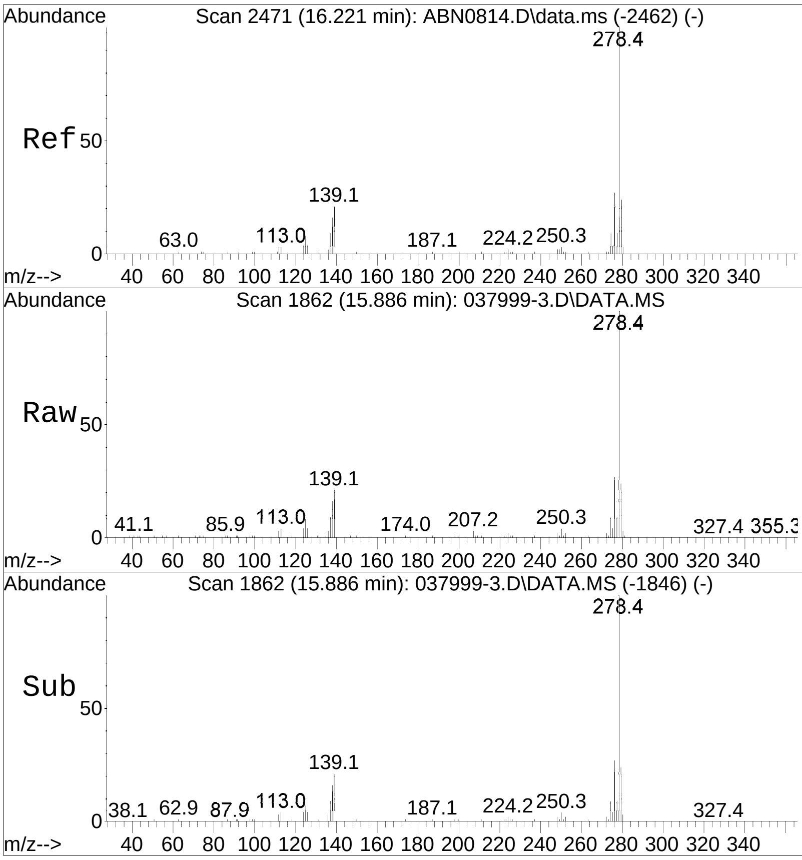


#114
Indeno(1,2,3-cd)pyrene
Concen: 2.75 ug/mL M6
RT: 15.863 min Scan# 1859
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:276 Resp: 182317

Ion	Ratio	Lower	Upper
276	100		
138	39.6	25.1	37.7#
277	30.9	18.6	28.0#

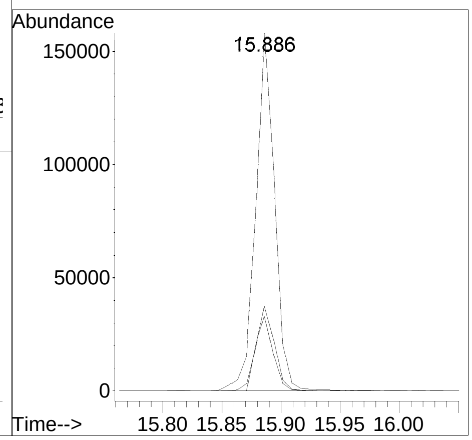


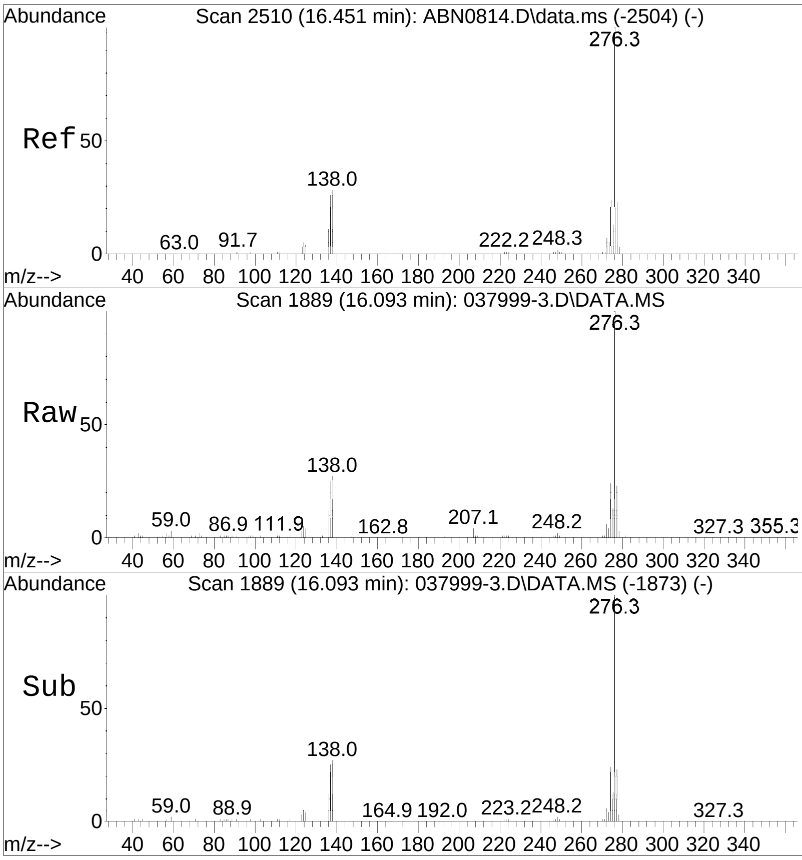


#115
Dibenzo(a,h)anthracene
Concen: 2.66 ug/ml
RT: 15.886 min Scan# 1862
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:278 Resp: 175215

Ion	Ratio	Lower	Upper
278	100		
139	19.2	20.8	31.2#
279	23.3	18.3	27.5

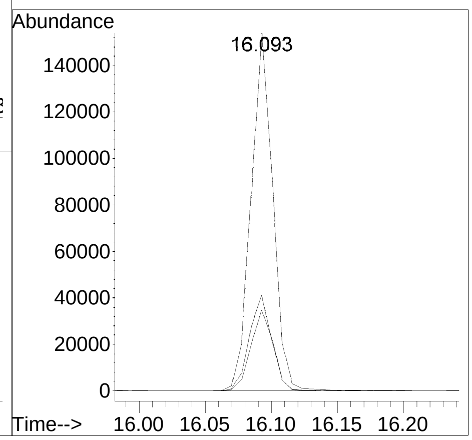




#116
Benzo(ghi)perylene
Concen: 2.64 ug/ml
RT: 16.093 min Scan# 1889
Delta R.T. 0.000 min
Lab File: 037999-3.D
Acq: 9 Mar 2025 1:29 pm

Tgt Ion:276 Resp: 175915

Ion	Ratio	Lower	Upper
276	100		
138	27.5	29.2	43.8#
277	23.3	18.8	28.2

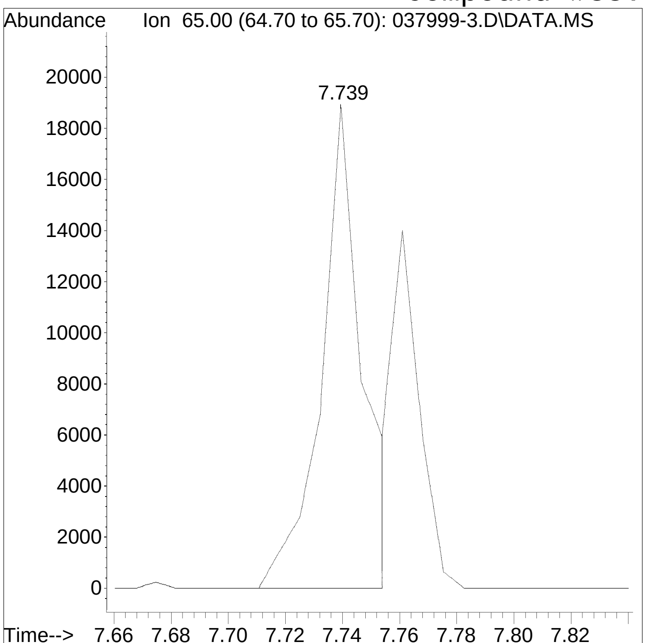


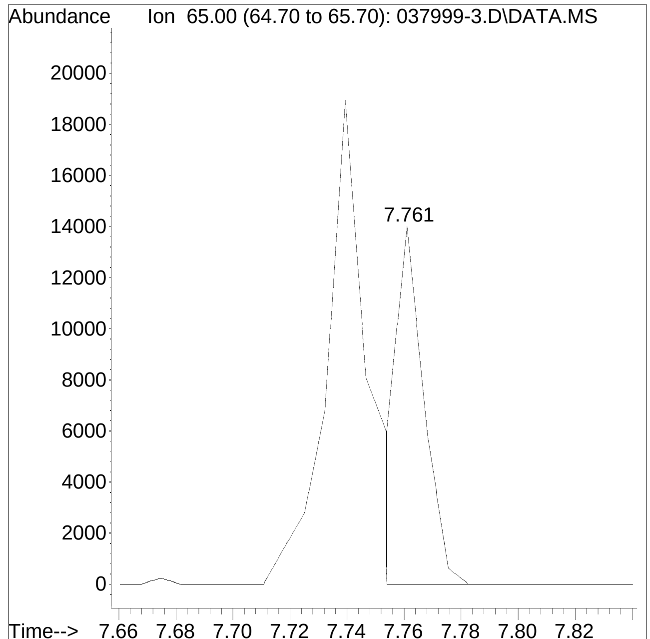
Manual Integration Report

Data Path : I:\8270\SV107\250309RVTa\
Data File : 037999-3.D
Date Inj'd : 3/9/2025 1:29 pm
Sample : WG2037999-3,32,,cmm

QMethod : FS250303SV107RVT.m
Operator : SV107:slr
Instrument : SV107
Quant Date : 3/9/2025 1:48 pm

Compound #38: 4-Chloroaniline





Original Peak Response = 18989

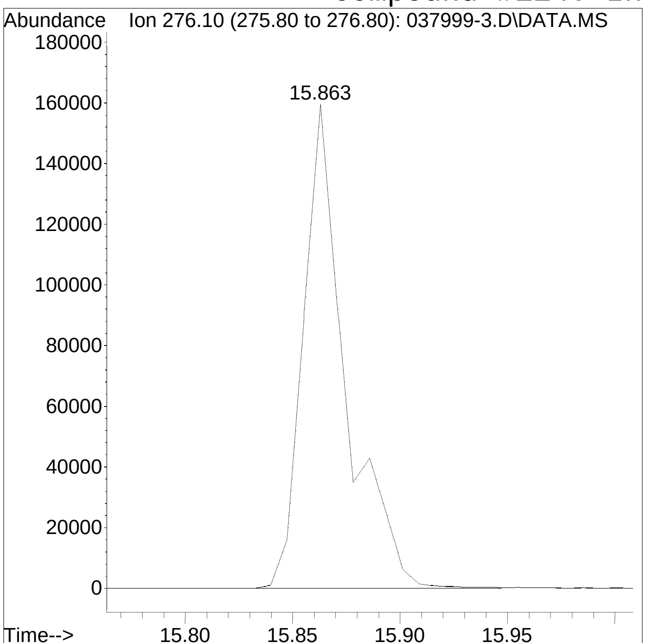
Manual Peak Response = 8829 M3

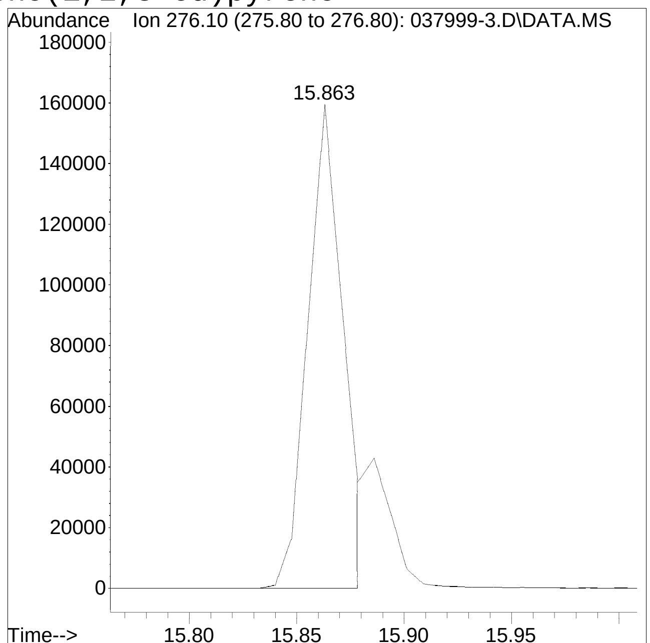
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV107\250309RVTa\ QMethod : FS250303SV107RVT.m
Data File : 037999-3.D Operator : SV107:slr
Date Inj'd : 3/9/2025 1:29 pm Instrument : SV107
Sample : WG2037999-3,32,,cmm Quant Date : 3/9/2025 1:48 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 218268 Manual Peak Response = 182317 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Calculation of Semi Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * 1000 * (1/Vo) * Vf

Where:
DF = Dilution Factor
Vo = Volume of Sample (mL)
Vf = Extraction Lab Final Volume (mL)

Soil Concentration Formula: Amt * DF * 1000 * (1/Wt) * Vf * (100/TS)
Where:
DF = Dilution Factor
Wt = Weight of Sample (g)
Vf = Extraction Lab Final Volume (mL)
TS = Total Solids

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 10 2025, 03:12 pm

Work Group: WG2037999 for Department: 2 Organic Preparation

Created: 08-MAR-25 Due: Operator: JCL

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2511919-01	2A	C	NYTCL-8270-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2511919-02	2B	C	NYTCL-8270-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2511919-04	3A	C	NYTCL-8270-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2511919-05	3B	C	NYTCL-8270-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2511919-07	4A	C	NYTCL-8270-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2511919-08	4B	C	NYTCL-8270-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2512117-01	MW-01_03052025	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512218-02	FB20250305	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512218-03	RI-MW-8	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512218-04	RI-MW-9	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-01	MW-1	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-02	MW-3	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-03	MW-7	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-04	RW-1	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-05	DUP-GW-03052025	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-06	FB-03052025	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
WG2037999-1	Laboratory Method Bl	S	NYTCL-8270-RVT	WATER	DONE	U				
WG2037999-2	Laboratory Control S	S	NYTCL-8270-RVT	WATER	DONE	U				
WG2037999-3	LCS Duplicate	S	NYTCL-8270-RVT	WATER	DONE	U				

Comments:

WG2037999-3 WG2037999-2

250304ICAL **2025** SV107

Dep.: GCMS
Inst: **SV107**
Date: **03/04/25**
Run: **ICAL**

Method
GC: **8270RVT(SIM)**

Seq: **WG2037043**
ICAL: ICAL22052

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
141	Tune1	Tune lot #11424				
1	ABNL9	IL2,32,,ABNL50 Lot# 11425				
2	ABNL8	IL3,32,,ABNL25 Lot# 11426				
3	ABNL7	IL4,32,,ABNL10 Lot# 11427				
4	ABNL6	IL5,32,,ABNL5 Lot# 11428				
5	ABNL5	IL6,32,,ABNL2.5 Lot# 11429				
6	ABNL4	IL7,32,,ABNL1 Lot# 11430				
7	ABNL3	IL8,32,,ABNL0.5 Lot# 11431				
8	ABNL2	IL9,32,,ABNL0.2 Lot# 11432				
9	ABNL1	IL10,32,,ABNL0.1 Lot# 11433				
10	SIML5	IL5,32,,0.04 Lot# 11284				
11	SIML4	IL4,32,,0.01 Lot# 11285				
12	SIML3	IL3,32,,0.005 Lot# 11286				
13	SIML2	IL2,32,,0.002 Lot# 11287				
14	SIML1	IL1,32,,0.001 Lot# 11288				
15	ABNICV	CQICV1,32,,ABNICV Lot# 11452				
16	SIMICV	CQICV1,32,,1 Lot# 11275				
141	Tune2	Tune lot #11424				
17	AP9L9	IL2,32,,AP9L50 Lot# 11434				
18	AP9L8	IL3,32,,AP9L25 Lot# 11435				
19	AP9L7	IL4,32,,AP9L10 Lot# 11436				
20	AP9L6	IL5,32,,AP9L5 Lot# 11437				
21	AP9L5	IL6,32,,AP9L2.5 Lot# 11438				
22	AP9L4	IL7,32,,AP9L1 Lot# 11439				
23	AP9L3	IL8,32,,AP9L0.5 Lot# 11440				
24	AP9L2	IL9,32,,AP9L0.2 Lot# 11441				
25	AP9L1	IL10,32,,AP9L0.1 Lot# 11442				
26	ADPL9	IL2,32,,ADPL50 Lot# 11443				
27	ADPL8	IL3,32,,ADPL25 Lot# 11444				
28	ADPL7	IL4,32,,ADPL10 Lot# 11445				
29	ADPL6	IL5,32,,ADPL5 Lot# 11446				
30	ADPL5	IL6,32,,ADPL2.5 Lot# 11447				
31	ADPL4	IL7,32,,ADPL1 Lot# 11448				
32	ADPL3	IL8,32,,ADPL0.5 Lot# 11449				
33	ADPL2	IL9,32,,ADPL0.2 Lot# 11450				
34	ADPL1	IL10,32,,ADPL0.1 Lot# 11451				
35	AP9ICV	CQICV2,32,,AP9ICV Lot# 11453				
36	ADPICV	CQICV,32,,ADPICV Lot# 11454				
37	InstBlnk	Instrument Blank			mrg	

250309 2025 SV107

Dep.: GCMS
Inst: SV107
Date: 03/09/25
Run:

Method
GC: 8270RVT(SIM)

Seq: WG2038279
ICAL: 22052

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
141	DEG0309	wg-1,32,,Degdftpp Lot #11407				slr 3/10
142	ABN0309	wg-3,32,,ABN 11297 gmr0304A	Full List, TCLP			slr 3/10
143	AP90309	wg-4,32,,AP9 11152 gmr0304A				slr 3/10
144	ADP0309	wg-5,32,,ADP 11153 gmr0304A	no atrazine			slr 3/10
1	037999-1	WG2037999-1,32,,cmm				slr 3/10
2	037999-2	WG2037999-2,32,,cmm				slr 3/10
3	037999-3	WG2037999-3,32,,cmm				slr 3/10
4	11919-01	L2511919-01,32,,cmm				slr 3/10
5	11919-02	L2511919-02,32,,cmm				slr 3/10
6	11919-04	L2511919-04,32,,cmm				slr 3/10
7	038270-2	WG2038269/70-2,32,,cmm				slr 3/10
8	038270-3	WG2038269/70-3,32,,cmm				slr 3/10
9	038270-1	WG2038269/70-1,32,,cmm				slr 3/10
10	11950-11	L2511950-11,32,,R3E,cmm				slr 3/10
11	11830-01	L2511830-01,32,,cmm				slr 3/10
12	11919-05	L2511919-05,32,,cmm				slr 3/10
13	11919-07	L2511919-07,32,,cmm				slr 3/10
14	11919-08	L2511919-08,32,,cmm				slr 3/10
15	12117-01	L2512117-01,32,,cmm				
16	12218-02	L2512218-02,32,,cmm				
17	12218-03	L2512218-03,32,,cmm				
18	12218-04	L2512218-04,32,,cmm				
19	12223-01	L2512223-01,32,,cmm				
20	12223-02	L2512223-02,32,,cmm				
21	12223-03	L2512223-03,32,,cmm				
22	12223-04	L2512223-04,32,,cmm				
23	12223-05	L2512223-05,32,,cmm				
24	12223-06	L2512223-06,32,,cmm			cmm	
					sv-hny	

ORGANIC ELN REPORT

Workgroup: WG2037999

Prep Method: EPA 3510C		**Conc.Method:** Buchi	***Cleanup 1***
Solvent Type: DCM	**Lot #:** EJ756	**Solvent Type:** DCM	**Cleanup Method 1:**
Surrogate Type: ABN	**Lot #:** 11269cd,06/20/2025,4c,7,1	**Lot #:** ej756	**Cleanup Method 2:**
Spike Type: ABN	**Lot #:** 11219ao,06/19/2025,11220AI,0		**Solvent Type:** **Lot #:**
Spike Verify by: JCL			
Lims Spikelot: 8270-RVT			
Additional Reagents/Stds		**Additional Reagents/Stds**	**Additional Reagents/Stds**

H2SO4	A010625
Na2SO4	23K2961078
NaOH	10NNaOH010625

	Extraction						Concentration			
Sample/ Type	Extract Date	Analyst	Sample Vol **ml**	Ph	Surr Amt **ml**	Spike Amt **ml**	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2511919-01 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2511919-02 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2511919-04 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2511919-05 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2511919-07 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K

Reported: 10-MAR-25 03:12 PM

ORGANIC ELN REPORT

Workgroup: WG2037999

Sample/ Type	Extraction: Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Concentration: Conc Date	Analyst	Final Vol ml	Conc Unit
L2511919-08 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512117-01 WATER	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512218-02 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512218-03 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512218-04 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512223-01 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512223-02 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512223-03 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K

Reported: 10-MAR-25 03:12 PM

ORGANIC ELN REPORT

Workgroup: WG2037999

Sample/ Type	Extraction: Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Concentration: Conc Date	Analyst	Final Vol ml	Conc Unit
L2512223-04 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512223-05 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512223-06 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
WG2037999-1 BLANK	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
WG2037999-2 LCS	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1	.1	03/08/25 08:33	Grace Tran	1	K
WG2037999-3 LCSD	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1	.1	03/08/25 08:33	Grace Tran	1	K

Reported: 10-MAR-25 03:12 PM

Semivolatiles Data
by Method 8270D-SIM

Semivolatiles QC Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: P. W. Grosser
Project Name: ROANOKE SAND AND GRAVEL

Lab Number: L2511919
Project Number: BSD1504
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
2A (L2511919-01)	60	48	83	74	74	70	0
2B (L2511919-02)	58	45	80	69	73	74	0
3A (L2511919-04)	61	48	82	68	72	69	0
3B (L2511919-05)	63	49	81	70	84	70	0
4A (L2511919-07)	59	46	78	66	69	67	0
4B (L2511919-08)	50	40	74	65	70	68	0
WG2038000-1BLANK	50	38	74	63	71	67	0
WG2038000-2LCS	49	40	60	49	67	52	0
WG2038000-3LCSD	64	52	77	64	86	65	0

QC LIMITS

(21-120)	2FP = 2-FLUOROPHENOL
(10-120)	PHL = PHENOL-D6
(23-120)	NBZ = NITROBENZENE-D5
(15-120)	FBP = 2-FLUOROBIPHENYL
(10-120)	TBP = 2,4,6-TRIBROMOPHENOL
(41-149)	TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NYTCL-8270-SIM-RVT

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser			**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL			**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)				
LCS Sample ID	: WG2038000-2	Analysis Date :	03/09/25 14:39	File ID	: 038000-2
LCSD Sample ID	: WG2038000-3	Analysis Date :	03/09/25 14:55	File ID	: 038000-3

	Laboratory Control Sample				Laboratory Control Duplicate						
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD		Recovery Limits	RPD Limit
Acenaphthene	20	11	56		20	15	74	28		40-140	40
2-Chloronaphthalene	20	10	50		20	14	71	35		40-140	40
Fluoranthene	20	12	61		20	16	78	24		40-140	40
Hexachlorobutadiene	20	5.0	25	Q	20	9.7	49	65	Q	40-140	40
Naphthalene	20	8.7	44		20	13	67	41	Q	40-140	40
Benzo(a)anthracene	20	13	65		20	17	83	24		40-140	40
Benzo(a)pyrene	20	14	69		20	18	89	25		40-140	40
Benzo(b)fluoranthene	20	13	66		20	17	86	26		40-140	40
Benzo(k)fluoranthene	20	13	66		20	17	83	23		40-140	40
Chrysene	20	12	60		20	15	77	25		40-140	40
Acenaphthylene	20	12	62		20	16	83	29		40-140	40
Anthracene	20	13	63		20	16	80	24		40-140	40
Benzo(ghi)perylene	20	15	76		20	20	98	25		40-140	40
Fluorene	20	13	64		20	16	82	25		40-140	40
Phenanthrene	20	12	61		20	15	76	22		40-140	40
Dibenzo(a,h)anthracene	20	15	76		20	19	97	24		40-140	40
Indeno(1,2,3-cd)pyrene	20	15	76		20	20	100	27		40-140	40
Pyrene	20	12	60		20	15	77	25		40-140	40
2-Methylnaphthalene	20	8.4	42		20	12	63	40		40-140	40
Pentachlorophenol	20	14	71		20	18	89	23		40-140	40
Hexachlorobenzene	20	12	59		20	14	73	21		40-140	40
Hexachloroethane	20	6.1	31	Q	20	12	58	61	Q	40-140	40

Method Blank Summary
Form 4
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Lab Sample ID	**: WG2038000-1**	**Lab File ID**	**: 038000-1**
Instrument ID	**: SV119**	**Extraction Date**	**: 03/08/25**
Matrix	**: WATER**	**Analysis Date**	**: 03/09/25 15:12**
Level	**: LOW**		

Client Sample No.	Lab Sample ID	Analysis Date
WG2038000-2LCS	WG2038000-2	03/09/25 14:39
WG2038000-3LCSD	WG2038000-3	03/09/25 14:55
2A	L2511919-01	03/09/25 15:29
2B	L2511919-02	03/09/25 15:45
3A	L2511919-04	03/09/25 16:02
3B	L2511919-05	03/09/25 16:18
4A	L2511919-07	03/09/25 16:35
4B	L2511919-08	03/09/25 16:52

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	:	**P. W. Grosser**	**Lab Number**	:	**L2511919**
Project Name	:	**ROANOKE SAND AND GRAVEL**	**Project Number**	:	**BSD1504**
Instrument ID	:	**SV119**	**Analysis Date**	:	**12/29/24 13:20**
Tune Standard	:	**R1917140-11**	**Tune File ID**	:	**TUNEa_tune**

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	58
68	Less than 2.0% of mass 69	0.8 (1.8)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	54.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	25.6
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	78.7
443	15.0 - 24.0% of mass 442	13.7 (17.4)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
L10	R1917140-2	L10	12/29/24 13:37
L9	R1917140-10	L9	12/29/24 13:53
L8	R1917140-9	L8	12/29/24 14:10
L7	R1917140-7	L7	12/29/24 14:27
L6	R1917140-8	L6	12/29/24 14:44
L5	R1917140-6	L5	12/29/24 15:01
L4	R1917140-5	L4	12/29/24 15:18
L3	R1917140-4	L3	12/29/24 15:35
L2	R1917140-3	L2	12/29/24 15:52
L1	R1917140-1	L1	12/29/24 16:09
ICV Quant Report	R1917140-12	ICV	12/29/24 16:26

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV119	Analysis Date	: 03/09/25 07:39
Tune Standard	: WG2038229-1	Tune File ID	: deg0309_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	56.9
68	Less than 2.0% of mass 69	0.8 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	58.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	22.2
365	Greater than 1.0% of mass 198	2.5
441	Present, but less than 24% of mass 442	17.8
442	Base Peak, or >50% of mass 198	63.3
443	15.0 - 24.0% of mass 442	10.8 (17.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2038229-4TFACTOR-B	WG2038229-4	DEG0309	03/09/25 07:39
WG2038229-5TFACTOR-P	WG2038229-5	DEG0309	03/09/25 07:39
WG2038229-3CCAL	WG2038229-3	CCV0309	03/09/25 07:56
WG2038000-2LCS	WG2038000-2	038000-2	03/09/25 14:39
WG2038000-3LCSD	WG2038000-3	038000-3	03/09/25 14:55
WG2038000-1BLANK	WG2038000-1	038000-1	03/09/25 15:12
2A	L2511919-01	11919-01	03/09/25 15:29
2B	L2511919-02	11919-02	03/09/25 15:45
3A	L2511919-04	11919-04	03/09/25 16:02
3B	L2511919-05	11919-05	03/09/25 16:18
4A	L2511919-07	11919-07	03/09/25 16:35
4B	L2511919-08	11919-08	03/09/25 16:52

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV119	Analysis Date	: 03/09/25 07:56:00
Sample No	: WG2038229-3	Lab File ID	: CCV0309

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2038229-3	300990	2.20	1196740	2.86	705892	3.83
Upper Limit	601980	2.70	2393480	3.36	1411784	4.33
Lower Limit	150495	1.70	598370	2.36	352946	3.33
Sample ID						
WG2038000-2 LCS	329216	2.20	1336423	2.86	830301	3.83
WG2038000-3 LCSD	249083	2.21	1007325	2.86	635211	3.83
WG2038000-1 BLANK	282949	2.21	1125879	2.86	683851	3.83
2A	239403	2.20	970451	2.86	632538	3.83
2B	243166	2.21	971430	2.86	610073	3.83
3A	234672	2.21	949122	2.86	604277	3.83
3B	283354	2.21	1156168	2.86	724284	3.83
4A	265829	2.21	1074007	2.86	673916	3.83
4B	280259	2.21	1148918	2.86	710477	3.83

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV119	**Analysis Date**	: 03/09/25 07:56:00
Sample No	: WG2038229-3	**Lab File ID**	: CCV0309

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2038229-3	1477541	4.66	1392900	6.20	1362393	7.38
Upper Limit	2955082	5.16	2785800	6.70	2724786	7.88
Lower Limit	738771	4.16	696450	5.70	681197	6.88
Sample ID						
WG2038000-2 LCS	1785364	4.67	1529331	6.21	1412311	7.38
WG2038000-3 LCSD	1431119	4.66	1235684	6.21	1143589	7.38
WG2038000-1 BLANK	1485646	4.66	1337477	6.20	1166153	7.38
2A	1420824	4.66	1263051	6.20	1092121	7.38
2B	1345926	4.66	1262052	6.20	1129119	7.38
3A	1384476	4.66	1277637	6.20	1129321	7.37
3B	1578518	4.67	1379680	6.20	1211902	7.38
4A	1473163	4.66	1340600	6.20	1182735	7.38
4B	1556886	4.66	1345577	6.20	1162105	7.38

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 03/07/23
Created By: Jason Hebert
File: PM14021-1
Page: 1

EPA 8270E Low Level PAH (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 1000ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	0.1	0.035	ug/l	40-140	40	40-140	40	40			
2-Chloronaphthalene	91-58-7	0.2	0.035	ug/l	40-140	40	40-140	40	40			
Fluoranthene	206-44-0	0.1	0.038	ug/l	40-140	40	40-140	40	40			
Hexachlorobutadiene	87-68-3	0.5	0.036	ug/l	40-140	40	40-140	40	40			
Naphthalene	91-20-3	0.1	0.043	ug/l	40-140	40	40-140	40	40			
Benzo(a)anthracene	56-55-3	0.1	0.018	ug/l	40-140	40	40-140	40	40			
Benzo(a)pyrene	50-32-8	0.1	0.039	ug/l	40-140	40	40-140	40	40			
Benzo(b)fluoranthene	205-99-2	0.1	0.016	ug/l	40-140	40	40-140	40	40			
Benzo(k)fluoranthene	207-08-9	0.1	0.042	ug/l	40-140	40	40-140	40	40			
Chrysene	218-01-9	0.1	0.038	ug/l	40-140	40	40-140	40	40			
Acenaphthylene	208-96-8	0.1	0.035	ug/l	40-140	40	40-140	40	40			
Anthracene	120-12-7	0.1	0.035	ug/l	40-140	40	40-140	40	40			
Benzo(ghi)perylene	191-24-2	0.1	0.042	ug/l	40-140	40	40-140	40	40			
Fluorene	86-73-7	0.1	0.037	ug/l	40-140	40	40-140	40	40			
Phenanthrene	85-01-8	0.1	0.015	ug/l	40-140	40	40-140	40	40			
Dibenzo(a,h)anthracene	53-70-3	0.1	0.039	ug/l	40-140	40	40-140	40	40			
Indeno(1,2,3-cd)Pyrene	193-39-5	0.1	0.04	ug/l	40-140	40	40-140	40	40			
Pyrene	129-00-0	0.1	0.04	ug/l	40-140	40	40-140	40	40			
1-Methylnaphthalene	90-12-0	0.1	0.041	ug/l	40-140	40	40-140	40	40			
2-Methylnaphthalene	91-57-6	0.1	0.045	ug/l	40-140	40	40-140	40	40			
Pentachlorophenol	87-86-5	0.8	0.22	ug/l	40-140	40	40-140	40	40			
Hexachlorobenzene	118-74-1	0.8	0.032	ug/l	40-140	40	40-140	40	40			
Hexachloroethane	67-72-1	0.8	0.03	ug/l	40-140	40	40-140	40	40			
2-Fluorophenol	*367-12-4*									*21-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*15-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-120*		
4-Terphenyl-d14	*1718-51-0*									*41-149*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of the laboratory.

Date Created: 03/07/23
Created By: Jason Hebert
File: PM14022-1
Page: 1

EPA 8270E Low Level PAH (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Glass 250ml/8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	6.68	1.4028	ug/kg	40-140	50	40-140	50	50			
2-Chloronaphthalene	91-58-7	6.68	0.8684	ug/kg	40-140	50	40-140	50	50			
Fluoranthene	206-44-0	6.68	0.4676	ug/kg	40-140	50	40-140	50	50			
Hexachlorobutadiene	87-68-3	6.68	0.9352	ug/kg	34-107	50	40-140	50	50			
Naphthalene	91-20-3	6.68	1.2024	ug/kg	40-140	50	40-140	50	50			
Benzo(a)anthracene	56-55-3	6.68	0.6346	ug/kg	40-140	50	40-140	50	50			
Benzo(a)pyrene	50-32-8	6.68	0.8016	ug/kg	40-140	50	40-140	50	50			
Benzo(b)fluoranthene	205-99-2	6.68	0.6346	ug/kg	40-140	50	40-140	50	50			
Benzo(k)fluoranthene	207-08-9	6.68	0.6012	ug/kg	40-140	50	40-140	50	50			
Chrysene	218-01-9	6.68	0.501	ug/kg	40-140	50	40-140	50	50			
Acenaphthylene	208-96-8	6.68	0.835	ug/kg	40-140	50	40-140	50	50			
Anthracene	120-12-7	6.68	0.5344	ug/kg	40-140	50	40-140	50	50			
Benzo(ghi)perylene	191-24-2	6.68	0.5678	ug/kg	40-140	50	40-140	50	50			
Fluorene	86-73-7	6.68	0.8016	ug/kg	40-140	50	40-140	50	50			
Phenanthrene	85-01-8	6.68	0.5678	ug/kg	40-140	50	40-140	50	50			
Dibenzo(a,h)anthracene	53-70-3	6.68	0.668	ug/kg	40-140	50	40-140	50	50			
Indeno(1,2,3-cd)Pyrene	193-39-5	6.68	0.8016	ug/kg	40-140	50	40-140	50	50			
Pyrene	129-00-0	6.68	0.4676	ug/kg	35-142	50	35-142	50	50			
1-Methylnaphthalene	90-12-0	6.68	1.0354	ug/kg	40-140	50	40-140	50	50			
2-Methylnaphthalene	91-57-6	6.68	1.9038	ug/kg	40-140	50	40-140	50	50			
Pentachlorophenol	87-86-5	26.72	2.9392	ug/kg	17-109	50	17-109	50	50			
Hexachlorobenzene	118-74-1	6.68	0.7014	ug/kg	40-140	50	40-140	50	50			
Hexachloroethane	67-72-1	6.68	1.2358	ug/kg	29-106	50	40-140	50	50			
2-Fluorophenol	*367-12-4*									*25-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*30-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-136*		
4-Terphenyl-d14	*1718-51-0*									*18-120*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. *(Soil/Solids only)*
Please Note that the information provided in this table is subject to change at anytime at the discretion of he laboratory.

Semivolatile Sample Data

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-01	Date Collected	: 03/04/25 14:43
Client ID	: 2A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 15:29
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 11919-01	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-02	Date Collected	: 03/04/25 14:40
Client ID	: 2B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 15:45
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 11919-02	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	ug/L RL	ug/L MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	0.05	0.10	0.03	J
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-04	Date Collected	: 03/04/25 12:25
Client ID	: 3A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 16:02
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 11919-04	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-05	Date Collected	: 03/04/25 12:45
Client ID	: 3B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 16:18
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 11919-05	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.05	0.10	0.02	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	0.03	0.10	0.03	J
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-07	Date Collected	: 03/04/25 09:25
Client ID	: 4A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 16:35
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 11919-07	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-08	Date Collected	: 03/04/25 10:10
Client ID	: 4B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/09/25 16:52
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 11919-08	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	ug/L RL	ug/L MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2038000-1	Date Collected	: NA
Client ID	: WG2038000-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/25 15:12
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 038000-1	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.04	0.10	0.02	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-01.D
Acq On    : 09 Mar 2025  03:29 pm
Operator  : sv119:jjw
Sample    : L2511919-01,32,,RV,kmh
Misc      : WG2038229,WG2038000,ical21826
ALS Vial  : 26   Sample Multiplier: 1

Quant Time: Mar 10 11:17:26 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List     : DEFAULT - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.203  152    239403   4000.000 ng/ml    0.00
   Standard Area 1 = 300990                 Recovery   =   79.54%
 9) Naphthalene-d8              2.859  136    970451   4000.000 ng/ml    0.00
   Standard Area 1 = 1196740                 Recovery   =   81.09%
18) Acenaphthene-d10            3.829  164    632538   4000.000 ng/ml    0.00
   Standard Area 1 = 705892                 Recovery   =   89.61%
23) Phenanthrene-d10            4.661  188   1420824   4000.000 ng/ml    0.00
   Standard Area 1 = 1477541                 Recovery   =   96.16%
33) Chrysene-d12                6.201  240   1263051   4000.000 ng/ml    0.00
   Standard Area 1 = 1392900                 Recovery   =   90.68%
38) Perylene-d12                7.376  264   1092121   4000.000 ng/ml    0.00
   Standard Area 1 = 1362393                 Recovery   =   80.16%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.638  112     76468   1192.108 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery    =   59.61%
 4) Phenol-d6                   2.034   99     77163   963.804 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery    =   48.19%
 8) Nitrobenzene-d5             2.485   82     64511   830.937 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery    =   83.09%
14) 2-Fluorobiphenyl            3.451  172    175747   742.678 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery    =   74.27%
22) 2,4,6-Tribromophenol        4.274  330     40595   1470.457 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery    =   73.52%
32) 4-Terphenyl-d14             5.573  244    246655   699.783 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery    =   69.98%

 Target Compounds                                                   Qvalue
 7) Hexachloroethane            0.000                     0       N.D.
10) Naphthalene                 0.000                     0       N.D. d
11) Hexachlorobutadiene         0.000                     0       N.D.
12) 2-Methylnaphthalene         0.000                     0       N.D. d
15) 2-Chloronaphthalene         0.000                     0       N.D. d
17) Acenaphthylene              0.000                     0       N.D. d
19) Acenaphthene                0.000                     0       N.D. d
21) Fluorene                    0.000                     0       N.D. d
25) Hexachlorobenzene           0.000                     0       N.D. d
26) Pentachlorophenol           0.000                     0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-01.D
Acq On : 09 Mar 2025 03:29 pm
Operator : sv119:jjw
Sample : L2511919-01,32,,RV,kmh
Misc : WG2038229,WG2038000,ical21826
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 10 11:17:26 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

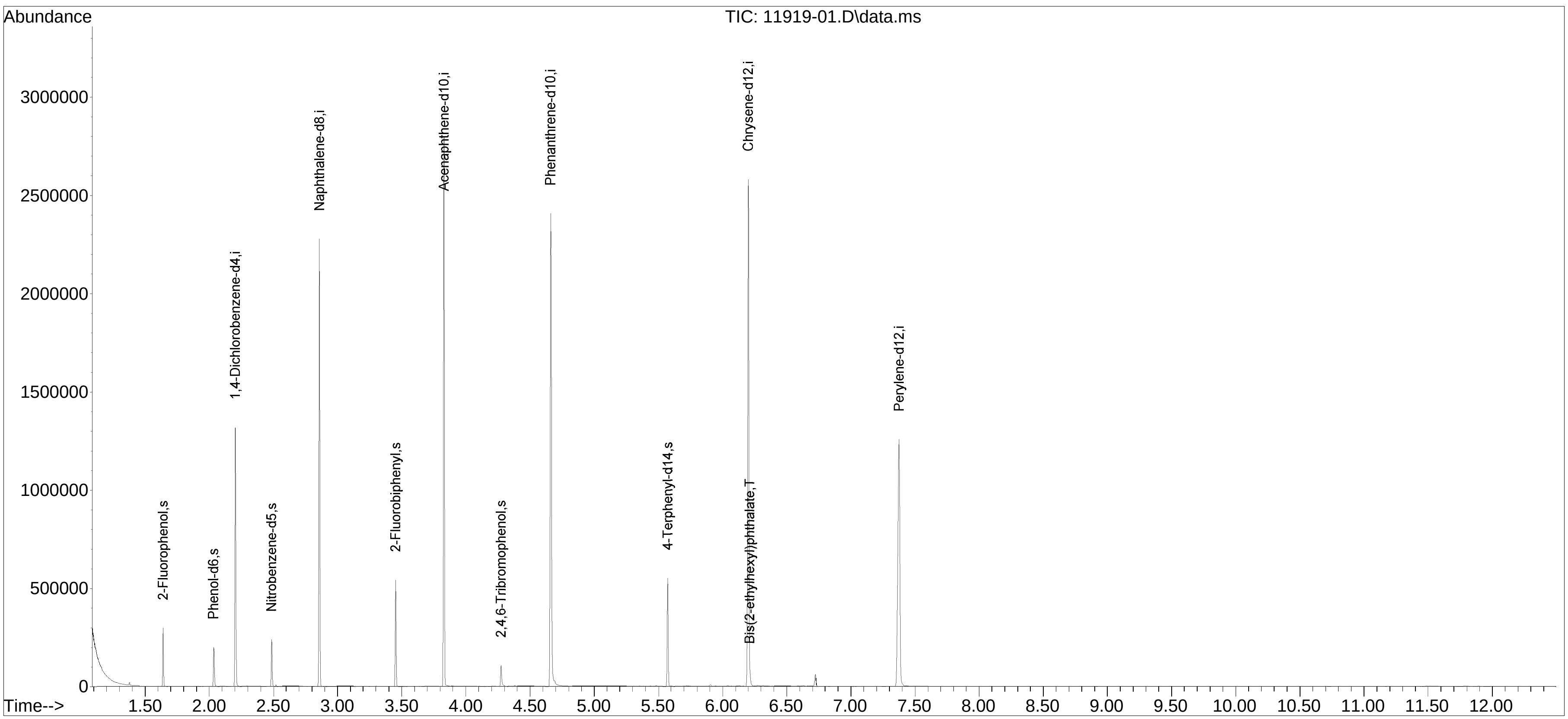
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-01.D
Acq On : 09 Mar 2025 03:29 pm
Operator : sv119:jjw
Sample : L2511919-01,32,,RV,kmh
Misc : WG2038229,WG2038000,ical21826
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 10 11:17:26 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0309.D•



Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250309RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : 11919-01.D                Operator    : sv119:jjw
Date Inj'd  : 3/9/2025  3:29 pm         Instrument  : SV119
Sample      : L2511919-01,32,,RV,kmh    Quant Date  : 3/9/2025  3:43 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-02.D
Acq On   : 09 Mar 2025 03:45 pm
Operator : sv119:jjw
Sample   : L2511919-02,32,,RV,kmh
Misc   : WG2038229,WG2038000,ical21826
ALS Vial : 27   Sample Multiplier: 1

Quant Time: Mar 10 11:19:06 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List   : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.205	152	243166	4000.000 ng/ml	0.00
Standard Area 1 = 300990			Recovery	= 80.79%	
9) Naphthalene-d8	2.861	136	971430	4000.000 ng/ml	0.00
Standard Area 1 = 1196740			Recovery	= 81.17%	
18) Acenaphthene-d10	3.829	164	610073	4000.000 ng/ml	0.00
Standard Area 1 = 705892			Recovery	= 86.43%	
23) Phenanthrene-d10	4.661	188	1345926	4000.000 ng/ml	0.00
Standard Area 1 = 1477541			Recovery	= 91.09%	
33) Chrysene-d12	6.202	240	1262052	4000.000 ng/ml	0.00
Standard Area 1 = 1392900			Recovery	= 90.61%	
38) Perylene-d12	7.378	264	1129119	4000.000 ng/ml	0.00
Standard Area 1 = 1362393			Recovery	= 82.88%	
System Monitoring Compounds					
3) 2-Fluorophenol	1.643	112	75529	1159.248 ng/ml	0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 57.96%	
4) Phenol-d6	2.036	99	73919	908.997 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 45.45%	
8) Nitrobenzene-d5	2.486	82	63047	799.513 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 79.95%	
14) 2-Fluorobiphenyl	3.451	172	164246	693.377 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 69.34%	
22) 2,4,6-Tribromophenol	4.274	330	38825	1458.129 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 72.91%	
32) 4-Terphenyl-d14	5.574	244	246537	738.372 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 73.84%	
Target Compounds					Qvalue
7) Hexachloroethane	0.000		0	N.D.	
10) Naphthalene	0.000		0	N.D. d	
11) Hexachlorobutadiene	0.000		0	N.D.	
12) 2-Methylnaphthalene	3.248	142	890	4.701 ng/ml	98
15) 2-Chloronaphthalene	0.000		0	N.D. d	
17) Acenaphthylene	0.000		0	N.D. d	
19) Acenaphthene	0.000		0	N.D. d	
21) Fluorene	0.000		0	N.D. d	
25) Hexachlorobenzene	0.000		0	N.D. d	
26) Pentachlorophenol	0.000		0	N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-02.D
Acq On : 09 Mar 2025 03:45 pm
Operator : sv119:jjw
Sample : L2511919-02,32,,RV,kmh
Misc : WG2038229,WG2038000,ical21826
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 10 11:19:06 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	0.000		0		N.D. d	
28) Anthracene	0.000		0		N.D. d	
29) Fluoranthene	0.000		0		N.D. d	
30) Pyrene	0.000		0		N.D. d	
34) Benzo[a]anthracene	0.000		0		N.D. d	
36) Chrysene	0.000		0		N.D. d	
39) Benzo[b]fluoranthene	0.000		0		N.D. d	
40) Benzo[k]fluoranthene	0.000		0		N.D. d	
41) Benzo[a]pyrene	0.000		0		N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0		N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0		N.D. d	
44) Benzo[g,h,i]perylene	0.000		0		N.D. d	

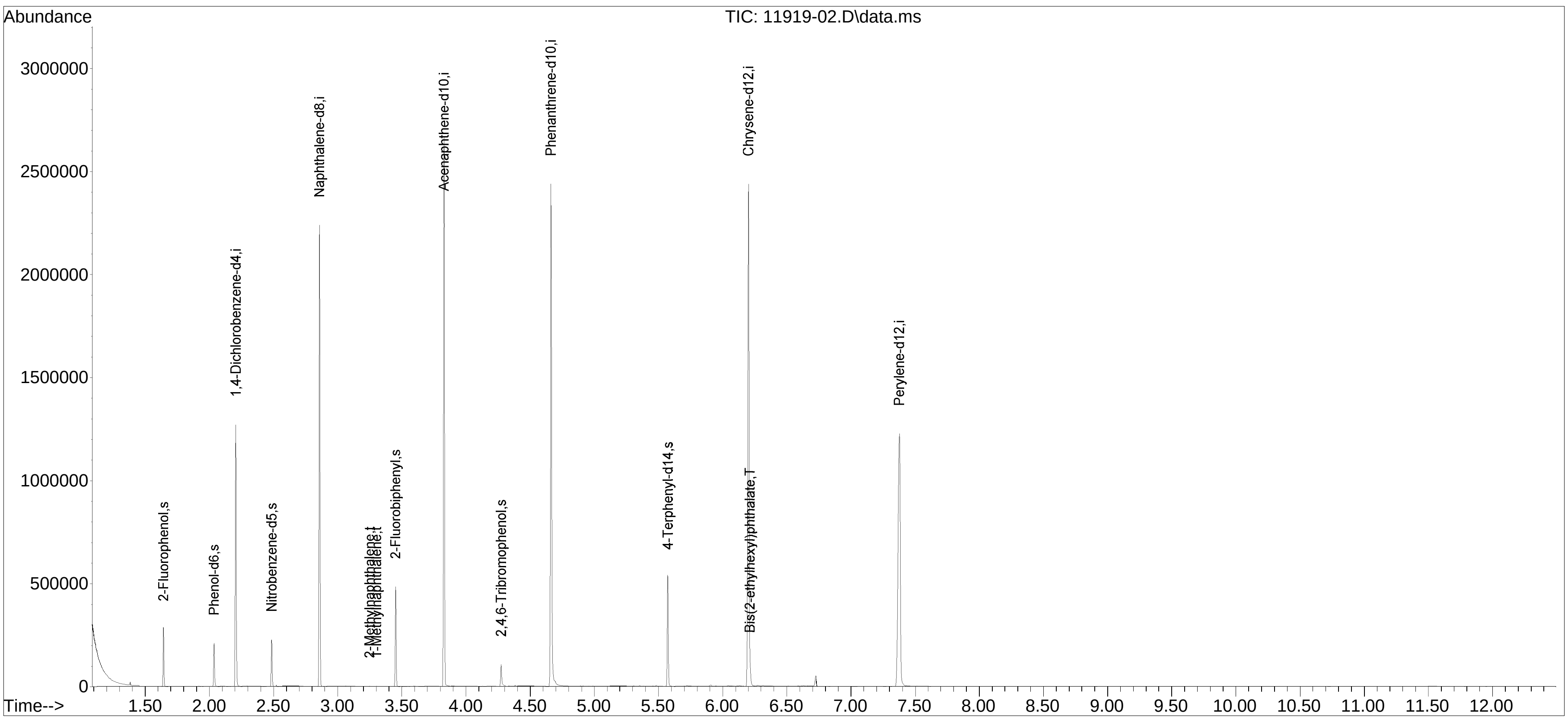
(#) = qualifier out of range (m) = manual integration (+) = signals summed

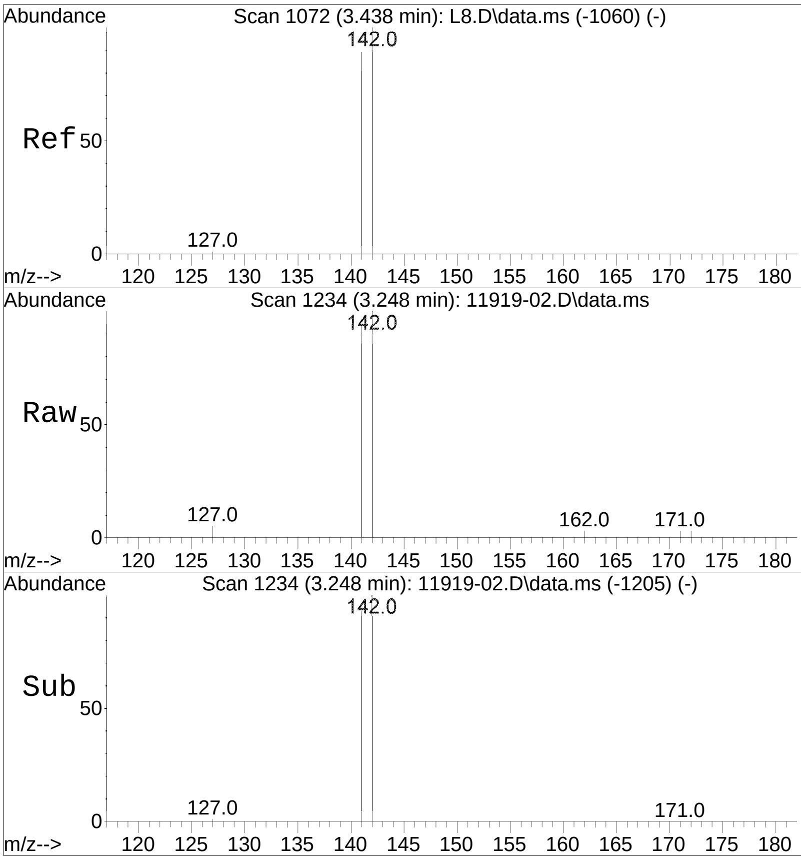
Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-02.D
Acq On   : 09 Mar 2025 03:45 pm
Operator : sv119:jjw
Sample   : L2511919-02,32,,RV,kmh
Misc   : WG2038229,WG2038000,ical21826
ALS Vial : 27   Sample Multiplier: 1

Quant Time: Mar 10 11:19:06 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listed\ccv0309.D•

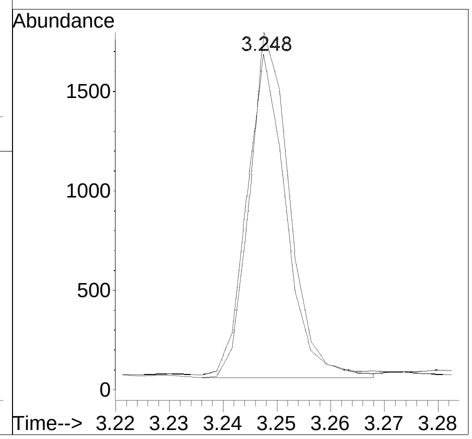




#12
2-Methylnaphthalene
Concen: 4.70 ng/ml
RT: 3.248 min Scan# 1234
Delta R.T. 0.003 min
Lab File: 11919-02.D
Acq: 09 Mar 2025 03:45 pm

Tgt Ion:142 Resp: 890

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9



Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250309RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : 11919-02.D                Operator    : sv119:jjw
Date Inj'd  : 3/9/2025  3:45 pm         Instrument  : SV119
Sample      : L2511919-02,32,,RV,kmh    Quant Date  : 3/9/2025  3:59 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-04.D
Acq On : 09 Mar 2025 04:02 pm
Operator : sv119:jjw
Sample : L2511919-04,32,,RV,kmh
Misc : WG2038229,wg2038000,ical21826
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 10 11:20:12 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.205	152	234672	4000.000	ng/ml	0.00
Standard Area 1 = 300990			Recovery	= 77.97%		
9) Naphthalene-d8	2.861	136	949122	4000.000	ng/ml	0.00
Standard Area 1 = 1196740			Recovery	= 79.31%		
18) Acenaphthene-d10	3.829	164	604277	4000.000	ng/ml	0.00
Standard Area 1 = 705892			Recovery	= 85.60%		
23) Phenanthrene-d10	4.660	188	1384476	4000.000	ng/ml	0.00
Standard Area 1 = 1477541			Recovery	= 93.70%		
33) Chrysene-d12	6.201	240	1277637	4000.000	ng/ml	0.00
Standard Area 1 = 1392900			Recovery	= 91.72%		
38) Perylene-d12	7.373	264	1129321	4000.000	ng/ml	0.00
Standard Area 1 = 1362393			Recovery	= 82.89%		
System Monitoring Compounds						
3) 2-Fluorophenol	1.641	112	76962	1223.998	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 61.20%		
4) Phenol-d6	2.036	99	74957	955.125	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 47.76%		
8) Nitrobenzene-d5	2.486	82	62387	819.779	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 81.98%		
14) 2-Fluorobiphenyl	3.451	172	157360	679.921	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 67.99%		
22) 2,4,6-Tribromophenol	4.274	330	38212	1448.872	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 72.44%		
32) 4-Terphenyl-d14	5.573	244	236508	688.612	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 68.86%		

Target Compounds	R.T.	Response	Conc	Qvalue
7) Hexachloroethane	0.000	0	N.D.	
10) Naphthalene	0.000	0	N.D. d	
11) Hexachlorobutadiene	0.000	0	N.D.	
12) 2-Methylnaphthalene	0.000	0	N.D. d	
15) 2-Chloronaphthalene	0.000	0	N.D. d	
17) Acenaphthylene	0.000	0	N.D.	
19) Acenaphthene	0.000	0	N.D. d	
21) Fluorene	0.000	0	N.D. d	
25) Hexachlorobenzene	0.000	0	N.D. d	
26) Pentachlorophenol	0.000	0	N.D. d	

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-04.D
Acq On   : 09 Mar 2025 04:02 pm
Operator : sv119:jjw
Sample   : L2511919-04,32,,RV,kmh
Misc   : WG2038229,wg2038000,ical21826
ALS Vial : 28   Sample Multiplier: 1

Quant Time: Mar 10 11:20:12 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List   : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	0.000		0		N.D. d	
28) Anthracene	0.000		0		N.D. d	
29) Fluoranthene	0.000		0		N.D. d	
30) Pyrene	0.000		0		N.D. d	
34) Benzo[a]anthracene	0.000		0		N.D. d	
36) Chrysene	0.000		0		N.D. d	
39) Benzo[b]fluoranthene	0.000		0		N.D. d	
40) Benzo[k]fluoranthene	0.000		0		N.D. d	
41) Benzo[a]pyrene	0.000		0		N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0		N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0		N.D. d	
44) Benzo[g,h,i]perylene	0.000		0		N.D. d	

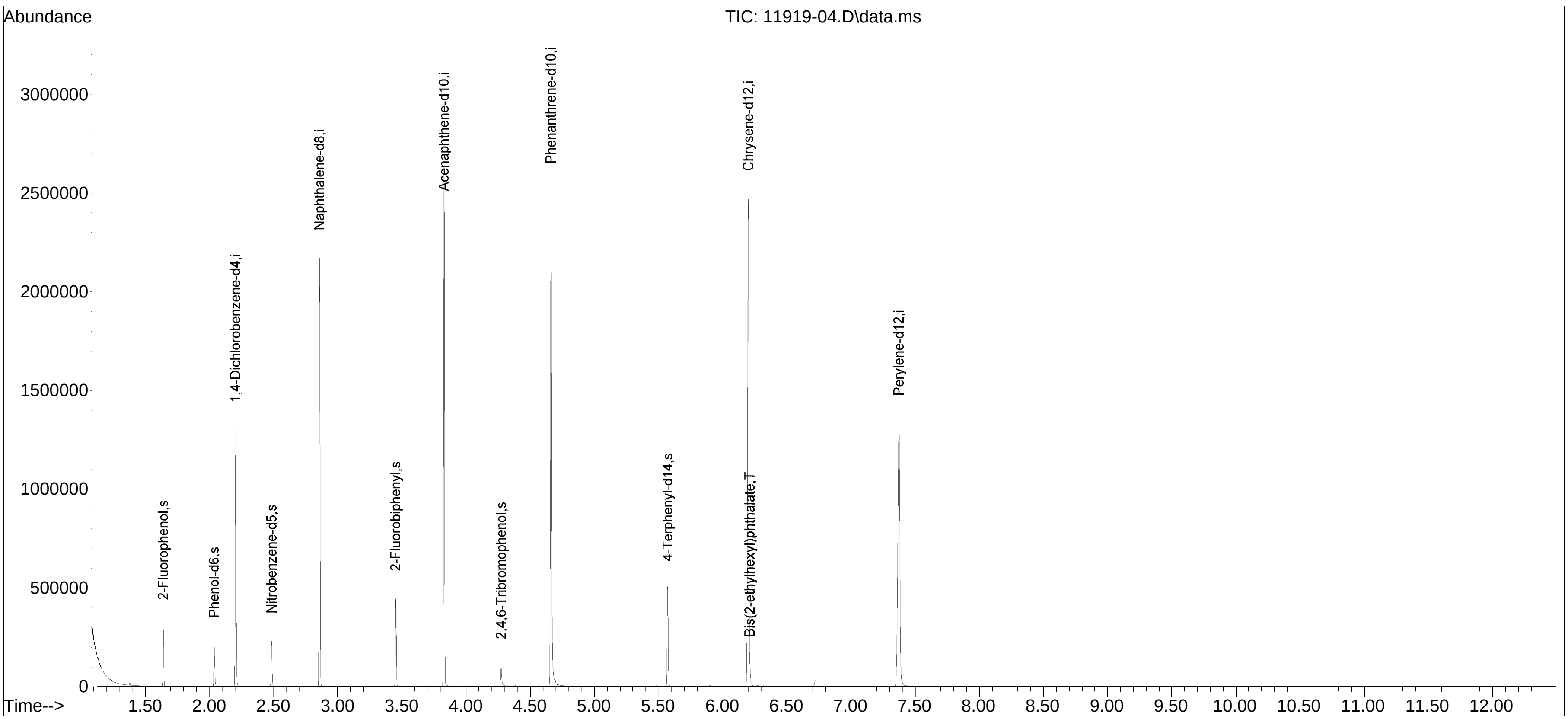
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-04.D
Acq On    : 09 Mar 2025  04:02 pm
Operator  : sv119:jjw
Sample    : L2511919-04,32,,RV,kmh
Misc      : WG2038229,wg2038000,ical21826
ALS Vial  : 28   Sample Multiplier: 1

Quant Time: Mar 10 11:20:12 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

Sub List     : DEFAULT - All compounds listed\ccv0309.D•
```



Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250309RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : 11919-04.D                Operator    : sv119:jjw
Date Inj'd  : 3/9/2025  4:02 pm         Instrument  : SV119
Sample      : L2511919-04,32,,RV,kmh    Quant Date  : 3/9/2025  4:16 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-05.D
Acq On : 09 Mar 2025 04:18 pm
Operator : sv119:jjw
Sample : L2511919-05,32,,RV,kmh
Misc : WG2038229,wg2038000,ical21826
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 10 11:21:29 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.205	152	283354	4000.000 ng/ml	0.00
Standard Area 1 = 300990			Recovery	= 94.14%	
9) Naphthalene-d8	2.861	136	1156168	4000.000 ng/ml	0.00
Standard Area 1 = 1196740			Recovery	= 96.61%	
18) Acenaphthene-d10	3.829	164	724284	4000.000 ng/ml	0.00
Standard Area 1 = 705892			Recovery	= 102.61%	
23) Phenanthrene-d10	4.665	188	1578518	4000.000 ng/ml	0.00
Standard Area 1 = 1477541			Recovery	= 106.83%	
33) Chrysene-d12	6.200	240	1379680	4000.000 ng/ml	0.00
Standard Area 1 = 1392900			Recovery	= 99.05%	
38) Perylene-d12	7.375	264	1211902	4000.000 ng/ml	0.00
Standard Area 1 = 1362393			Recovery	= 88.95%	
System Monitoring Compounds					
3) 2-Fluorophenol	1.639	112	95941	1263.689 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 63.18%	
4) Phenol-d6	2.036	99	92508	976.246 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 48.81%	
8) Nitrobenzene-d5	2.485	82	74150	806.949 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 80.69%	
14) 2-Fluorobiphenyl	3.451	172	197480	700.468 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 70.05%	
22) 2,4,6-Tribromophenol	4.274	330	52812	1670.668 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 83.53%	
32) 4-Terphenyl-d14	5.572	244	272832	696.722 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 69.67%	
Target Compounds					Qvalue
7) Hexachloroethane	0.000		0	N.D. d	
10) Naphthalene	2.870	128	1616M6	5.012 ng/ml	
11) Hexachlorobutadiene	0.000		0	N.D.	
12) 2-Methylnaphthalene	3.247	142	758	3.364 ng/ml	97
15) 2-Chloronaphthalene	0.000		0	N.D. d	
17) Acenaphthylene	0.000		0	N.D. d	
19) Acenaphthene	0.000		0	N.D. d	
21) Fluorene	0.000		0	N.D. d	
25) Hexachlorobenzene	0.000		0	N.D. d	
26) Pentachlorophenol	0.000		0	N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-05.D
Acq On : 09 Mar 2025 04:18 pm
Operator : sv119:jjw
Sample : L2511919-05,32,,RV,kmh
Misc : WG2038229,wg2038000,ical21826
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 10 11:21:29 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

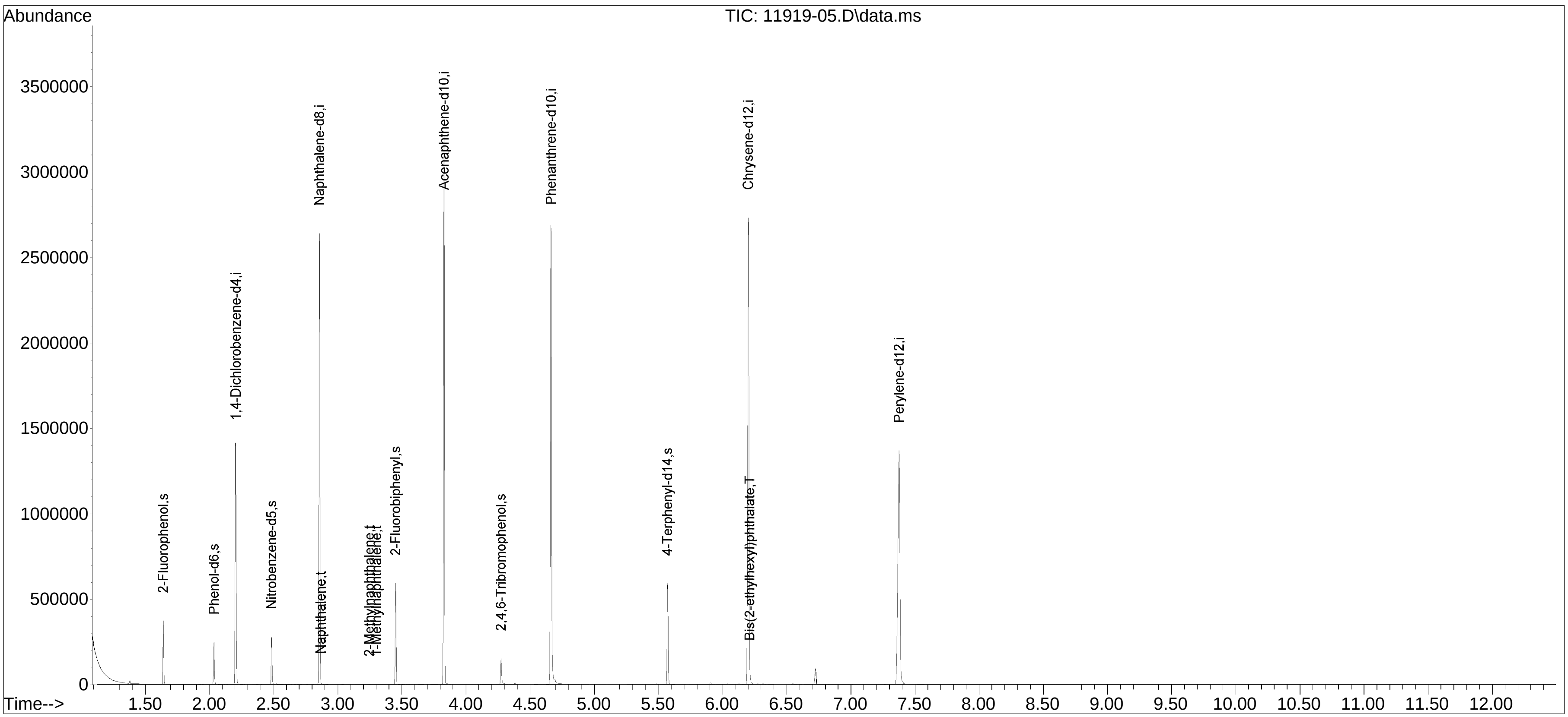
(#) = qualifier out of range (m) = manual integration (+) = signals summed

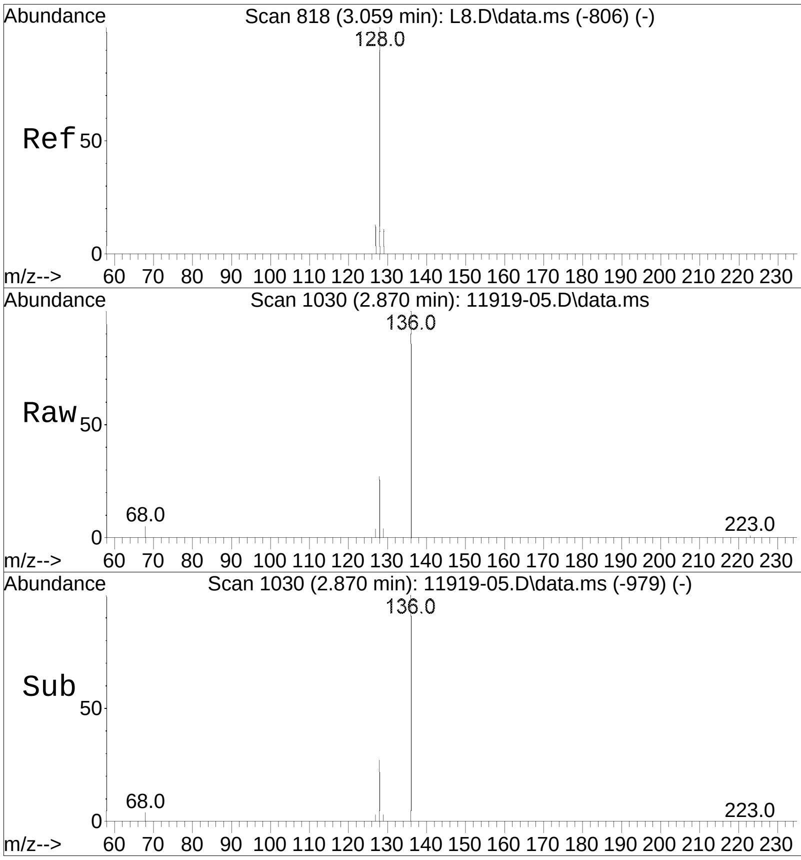
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-05.D
Acq On : 09 Mar 2025 04:18 pm
Operator : sv119:jjw
Sample : L2511919-05,32,,RV,kmh
Misc : WG2038229,wg2038000,ical21826
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 10 11:21:29 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0309.D•

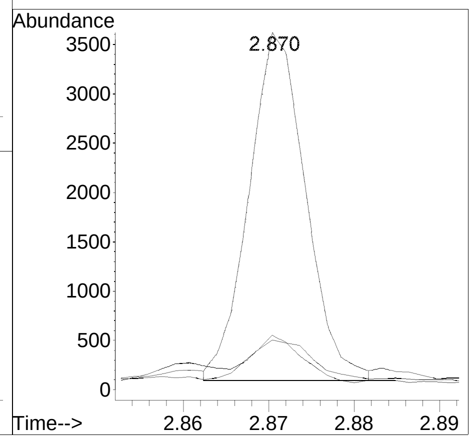


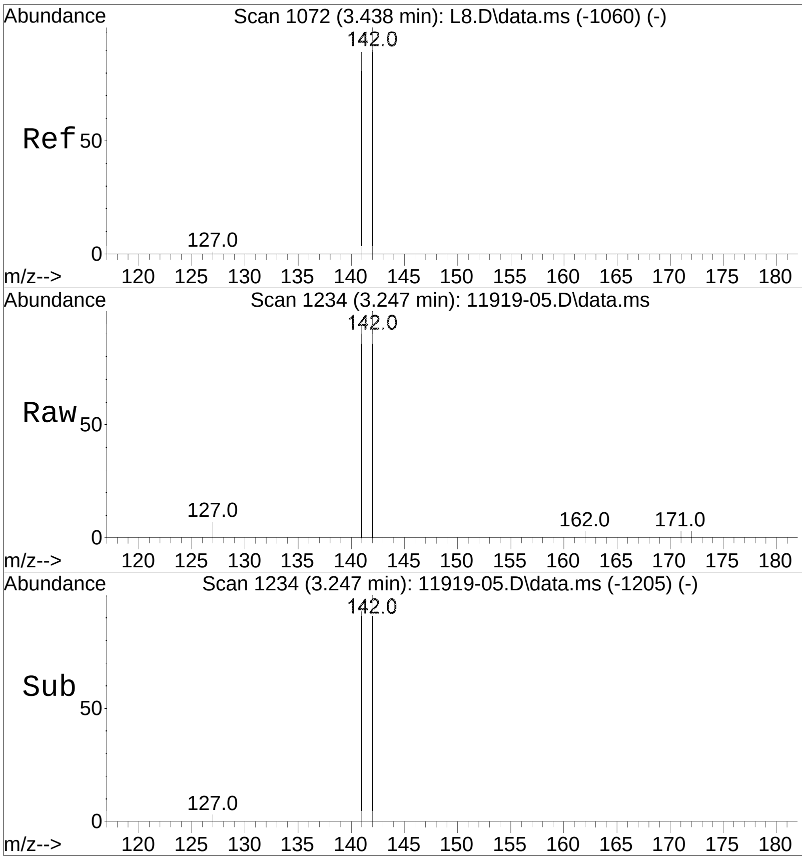


#10
Naphthalene
Concen: 5.01 ng/ml M6
RT: 2.870 min Scan# 1030
Delta R.T. 0.002 min
Lab File: 11919-05.D
Acq: 09 Mar 2025 04:18 pm

Tgt Ion:128 Resp: 1616

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.0	13.6#
127	12.7	10.5	15.7

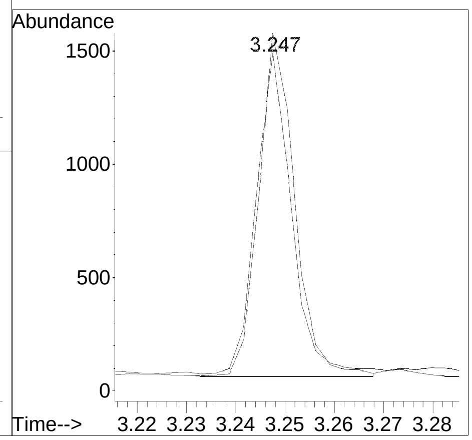




#12
2-Methylnaphthalene
Concen: 3.36 ng/ml
RT: 3.247 min Scan# 1234
Delta R.T. 0.003 min
Lab File: 11919-05.D
Acq: 09 Mar 2025 04:18 pm

Tgt Ion:142 Resp: 758

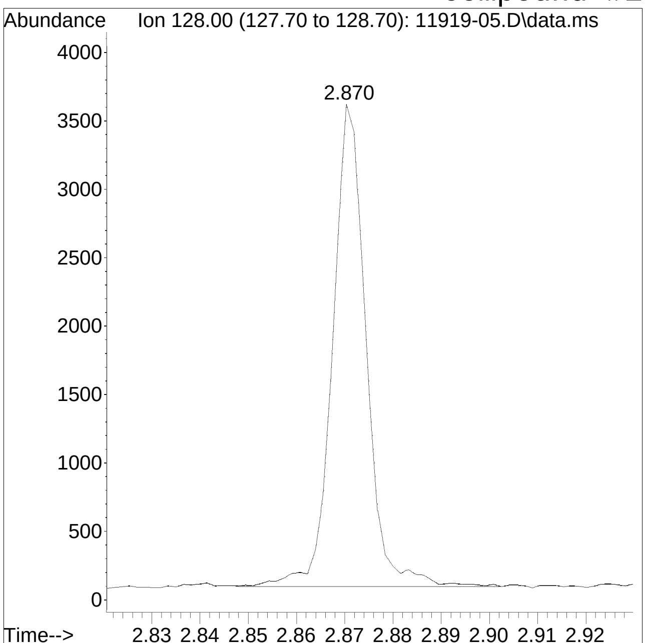
Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.3	106.9

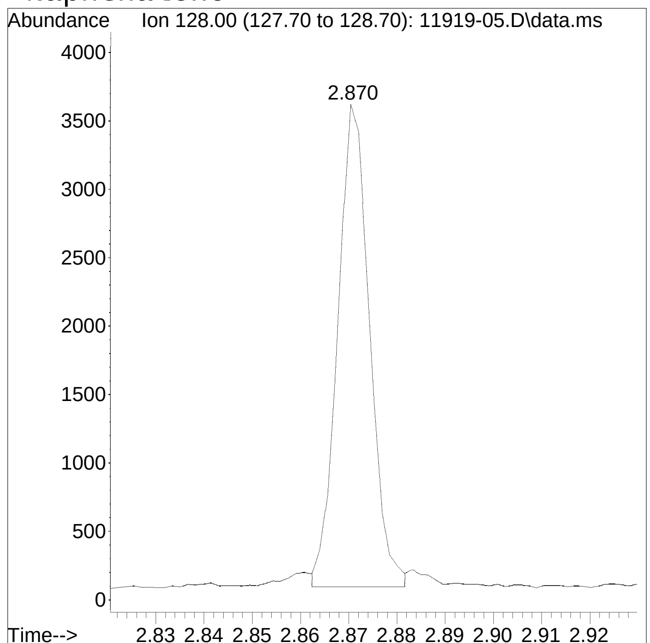


Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250309RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : 11919-05.D                Operator    : sv119:jjw
Date Inj'd  : 3/9/2025  4:18 pm         Instrument  : SV119
Sample      : L2511919-05,32,,RV,kmh    Quant Date  : 3/9/2025  4:32 pm
```

Compound #10: Naphthalene





Original Peak Response = 1708   Manual Peak Response = 1616 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-07.D
Acq On : 09 Mar 2025 04:35 pm
Operator : sv119:jjw
Sample : L2511919-07,32,,RV,kmh
Misc : WG2038229,wg2038000,ical21826
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 10 11:22:42 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.205	152	265829	4000.000 ng/ml	0.00
Standard Area 1 = 300990			Recovery	= 88.32%	
9) Naphthalene-d8	2.861	136	1074007	4000.000 ng/ml	0.00
Standard Area 1 = 1196740			Recovery	= 89.74%	
18) Acenaphthene-d10	3.829	164	673916	4000.000 ng/ml	0.00
Standard Area 1 = 705892			Recovery	= 95.47%	
23) Phenanthrene-d10	4.660	188	1473163	4000.000 ng/ml	0.00
Standard Area 1 = 1477541			Recovery	= 99.70%	
33) Chrysene-d12	6.203	240	1340600	4000.000 ng/ml	0.00
Standard Area 1 = 1392900			Recovery	= 96.25%	
38) Perylene-d12	7.378	264	1182735	4000.000 ng/ml	0.00
Standard Area 1 = 1362393			Recovery	= 86.81%	

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
3) 2-Fluorophenol	1.641	112	84074	1180.388 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 59.02%	
4) Phenol-d6	2.036	99	81177	913.145 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 45.66%	
8) Nitrobenzene-d5	2.485	82	66893	775.965 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 77.60%	
14) 2-Fluorobiphenyl	3.451	172	172957	660.415 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 66.04%	
22) 2,4,6-Tribromophenol	4.274	330	40767	1386.020 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 69.30%	
32) 4-Terphenyl-d14	5.573	244	243555	666.439 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 66.64%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
7) Hexachloroethane	0.000		0	N.D.	
10) Naphthalene	0.000		0	N.D. d	
11) Hexachlorobutadiene	0.000		0	N.D.	
12) 2-Methylnaphthalene	0.000		0	N.D. d	
15) 2-Chloronaphthalene	0.000		0	N.D. d	
17) Acenaphthylene	0.000		0	N.D. d	
19) Acenaphthene	0.000		0	N.D. d	
21) Fluorene	0.000		0	N.D. d	
25) Hexachlorobenzene	0.000		0	N.D. d	
26) Pentachlorophenol	0.000		0	N.D. d	

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-07.D
Acq On : 09 Mar 2025 04:35 pm
Operator : sv119:jjw
Sample : L2511919-07,32,,RV,kmh
Misc : WG2038229,wg2038000,ical21826
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 10 11:22:42 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

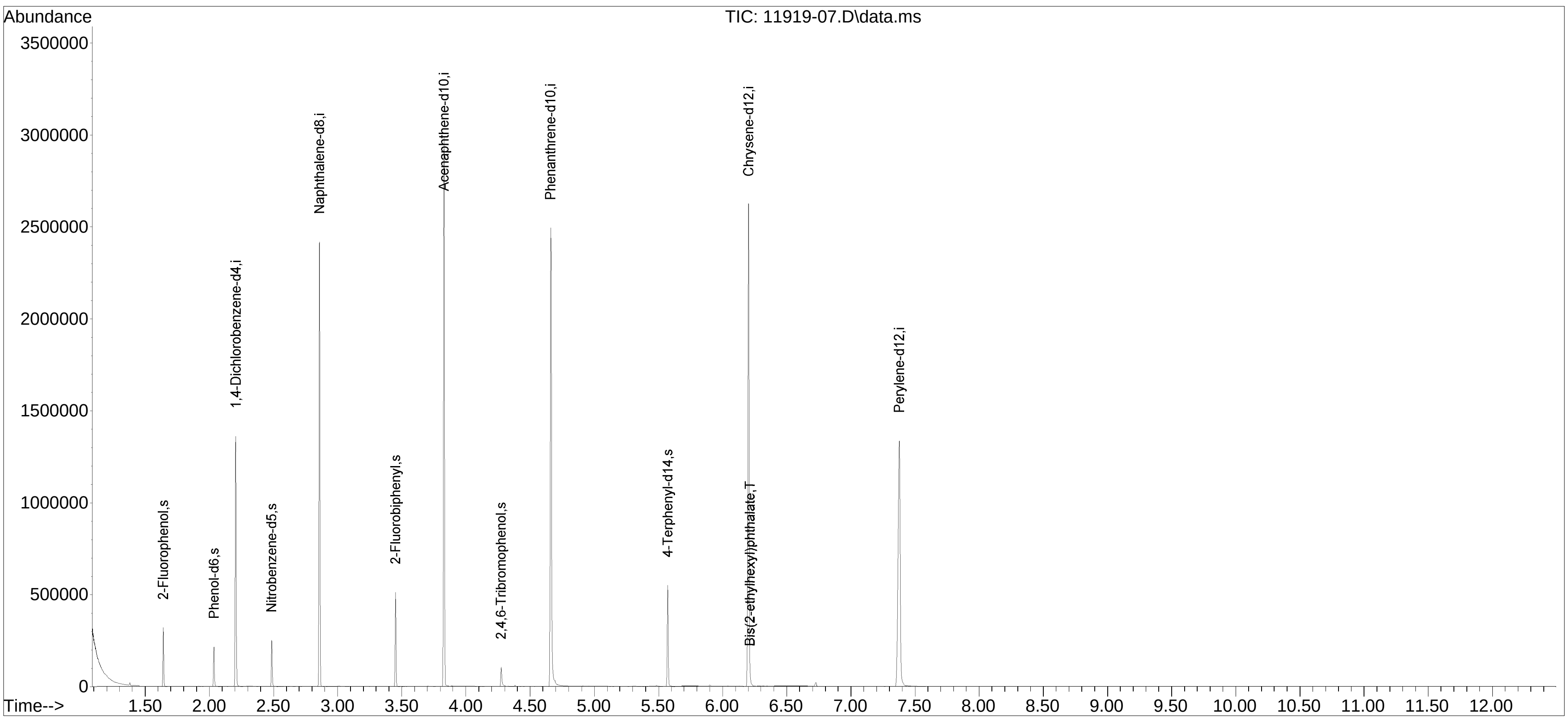
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-07.D
Acq On   : 09 Mar 2025 04:35 pm
Operator : sv119:jjw
Sample   : L2511919-07,32,,RV,kmh
Misc   : WG2038229,wg2038000,ical21826
ALS Vial : 30   Sample Multiplier: 1

Quant Time: Mar 10 11:22:42 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listed\ccv0309.D•



Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250309RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : 11919-07.D                 Operator    : sv119:jjw
Date Inj'd  : 3/9/2025  4:35 pm          Instrument  : SV119
Sample      : L2511919-07,32,,RV,kmh     Quant Date  : 3/9/2025  4:49 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-08.D
Acq On    : 09 Mar 2025  04:52 pm
Operator  : sv119:jjw
Sample    : L2511919-08,32,,RV,kmh
Misc      : WG2038229,wg2038000,ical21826
ALS Vial  : 31   Sample Multiplier: 1

Quant Time: Mar 10 11:23:43 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List     : DEFAULT - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------
 Internal Standards
  1) 1,4-Dichlorobenzene-d4      2.206  152    280259   4000.000 ng/ml    0.00
    Standard Area 1 = 300990                Recovery   =   93.11%
  9) Naphthalene-d8              2.861  136   1148918   4000.000 ng/ml    0.00
    Standard Area 1 = 1196740                Recovery   =   96.00%
 18) Acenaphthene-d10            3.827  164    710477   4000.000 ng/ml    0.00
    Standard Area 1 = 705892                Recovery   =  100.65%
 23) Phenanthrene-d10            4.662  188   1556886   4000.000 ng/ml    0.00
    Standard Area 1 = 1477541                Recovery   =  105.37%
 33) Chrysene-d12                6.202  240   1345577   4000.000 ng/ml    0.00
    Standard Area 1 = 1392900                Recovery   =   96.60%
 38) Perylene-d12                7.378  264   1162105   4000.000 ng/ml    0.00
    Standard Area 1 = 1362393                Recovery   =   85.30%

 System Monitoring Compounds
  3) 2-Fluorophenol              1.638  112     75552   1006.125 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   50.31%
  4) Phenol-d6                   2.036   99     74918   799.348 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   39.97%
  8) Nitrobenzene-d5             2.485   82     67113   738.433 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   73.84%
 14) 2-Fluorobiphenyl            3.451  172    182338   650.840 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   65.08%
 22) 2,4,6-Tribromophenol        4.274  330     43334   1397.479 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   69.87%
 32) 4-Terphenyl-d14             5.573  244    264491   684.807 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   68.48%

 Target Compounds                                                 Qvalue
  7) Hexachloroethane            0.000                0       N.D.
 10) Naphthalene                 0.000                0       N.D. d
 11) Hexachlorobutadiene         0.000                0       N.D.
 12) 2-Methylnaphthalene         0.000                0       N.D. d
 15) 2-Chloronaphthalene         0.000                0       N.D. d
 17) Acenaphthylene              0.000                0       N.D. d
 19) Acenaphthene                0.000                0       N.D. d
 21) Fluorene                    0.000                0       N.D. d
 25) Hexachlorobenzene           0.000                0       N.D. d
 26) Pentachlorophenol           0.000                0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-08.D
Acq On : 09 Mar 2025 04:52 pm
Operator : sv119:jjw
Sample : L2511919-08,32,,RV,kmh
Misc : WG2038229,wg2038000,ical21826
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 10 11:23:43 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	0.000		0	N.D.	d	
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	0.000		0	N.D.	d	
34) Benzo[a]anthracene	0.000		0	N.D.	d	
36) Chrysene	0.000		0	N.D.	d	
39) Benzo[b]fluoranthene	0.000		0	N.D.	d	
40) Benzo[k]fluoranthene	0.000		0	N.D.	d	
41) Benzo[a]pyrene	0.000		0	N.D.	d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
43) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
44) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

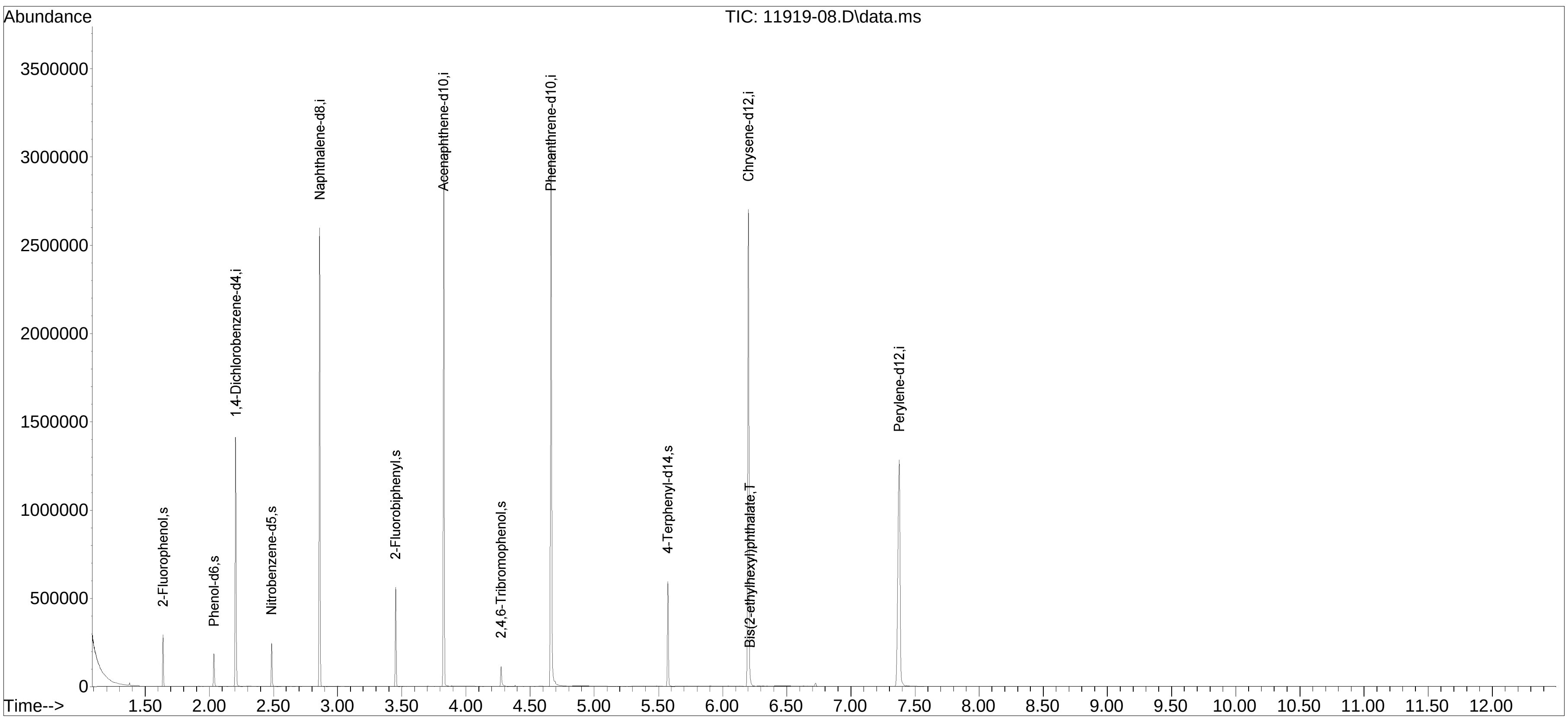
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 11919-08.D
Acq On   : 09 Mar 2025 04:52 pm
Operator : sv119:jjw
Sample   : L2511919-08,32,,RV,kmh
Misc   : WG2038229,wg2038000,ical21826
ALS Vial : 31   Sample Multiplier: 1

Quant Time: Mar 10 11:23:43 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listed\ccv0309.D•



Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250309RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : 11919-08.D                Operator    : sv119:jjw
Date Inj'd  : 3/9/2025  4:52 pm         Instrument  : SV119
Sample      : L2511919-08,32,,RV,kmh    Quant Date  : 3/9/2025  5:06 pm
```

There are no manual integrations or false positives in this file.

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**		**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**		**Project Number**	**: BSD1504**
Instrument ID	**: SV119**		**Ical Ref**	**: ICAL21826**
Calibration dates	**: 12/29/24 13:37**	**12/29/24 16:09**		

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =ccv0205a.D L9 =L
L10 =L10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1) i	1,4-Dichlorobenzene-d4	----------------ISTD--------------------											
2) s	2-Fluorophenol		1.194	1.049	1.050	1.065	0.971	1.054	1.080	1.098	1.085	1.072	5.45
3) s	Phenol-d6		1.497	1.292	1.304	1.309	1.168	1.318	1.365	1.398	1.388	1.338	6.77
4) T	bis(2-Chloroethyl)ether			1.307	1.266	1.553	1.083	1.183	1.165	1.180	1.141	1.235	11.84
5) T	n-Nitrosodi-n-propylamine		0.837	0.808	0.833	0.812	0.724	0.826	0.837	0.889	0.880	0.827	5.75
6) t	Hexachloroethane		0.655	0.513	0.522	0.518	0.458	0.500	0.499	0.506	0.495	0.518	10.54
7) s	Nitrobenzene-d5		1.380	1.332	1.291	1.325	1.150	1.295	1.287	1.325	1.289	1.297	4.83
8) i	Naphthalene-d8	----------------ISTD--------------------											
9) t	Naphthalene	1.204	1.406	1.128	1.129	1.123	0.990	1.072	1.048	1.051	1.005	1.116	10.81
10) t	Hexachlorobutadiene		0.230	0.206	0.202	0.201	0.178	0.192	0.187	0.189	0.183	0.196	7.94
11) t	2-Methylnaphthalene	0.833	0.914	0.778	0.783	0.800	0.703	0.761	0.749	0.753	0.721	0.780	7.71
12) t	1-Methylnaphthalene	0.767	0.829	0.720	0.727	0.739	0.652	0.707	0.691	0.689	0.659	0.718	7.32
13) s	2-Fluorobiphenyl		1.155	0.985	0.990	1.010	0.877	0.949	0.922	0.914		0.975	8.73
14) t	2-Chloronaphthalene		0.942	0.813	0.825	0.837	0.739	0.792	0.774	0.778	0.748	0.805	7.56
15) t	2,6-Dinitrotoluene					0.191	0.171	0.200	0.204	0.215	0.210	0.198	7.92
16) t	Acenaphthylene	1.300	1.472	1.249	1.250	1.283	1.127	1.221	1.209	1.212	1.147	1.247	7.67
17) i	Acenaphthene-d10	----------------ISTD--------------------											
18) t	Acenaphthene	1.410	1.530	1.355	1.333	1.362	1.213	1.307	1.288	1.299	1.244	1.334	6.72
19) t	2,4-Dinitrotoluene					0.369	0.351	0.432	0.447	0.479	0.469	0.424	12.45
20) t	Fluorene	1.590	1.759	1.495	1.502	1.566	1.395	1.529	1.516	1.527	1.448	1.533	6.31
21) s	2,4,6-Tribromophenol		0.198	0.156	0.146	0.157	0.151	0.180	0.186	0.200	0.197	0.175	12.68
22) i	Phenanthrene-d10	----------------ISTD--------------------											
23) T	4,6-Dinitro-o-cresol					0.083	0.079	0.111	0.122	0.135	0.137	*L	0.9975
24) t	Hexachlorobenzene		0.289	0.238	0.240	0.239	0.212	0.227	0.219	0.222		0.236	10.08
25) t	Pentachlorophenol				0.234	0.138	0.101	0.094	0.116	0.140	0.144	*Q	0.9961
26) t	Phenanthrene	1.294	1.376	1.172	1.163	1.200	1.069	1.143	1.111	1.116	1.050	1.170	8.58
27) t	Anthracene	1.275	1.363	1.165	1.157	1.187	1.066	1.158	1.129	1.143	1.082	1.173	7.51
28) t	Fluoranthene	1.590	1.707	1.447	1.422	1.488	1.319	1.431	1.393	1.372		1.463	8.13
29) t	Pyrene	1.620	1.738	1.506	1.482	1.544	1.370	1.491	1.436	1.406		1.510	7.49
30) s	4-Terphenyl-d14			1.036	1.008	1.068	0.945	1.001	0.958	0.931		0.992	5.06
31) i	Chrysene-d12	----------------ISTD--------------------											
32) t	Benzo[a]anthracene	1.237	0.709	0.355	0.247	0.168	0.137	0.145	0.141	0.145	0.139	*L	0.9995
33) t	3,3'-Dichlorobenzidine					0.337	0.313	0.410	0.451	0.523	0.526	*L	0.9962
34) t	Chrysene	1.465	1.591	1.379	1.371	1.369	1.249	1.376	1.320	1.353	1.300	1.377	6.83
35) T	bis(2-Ethylhexyl)phthalate					0.614	0.557	0.715	0.739	0.828	0.834	0.714	15.65
36) i	Perylene-d12	----------------ISTD--------------------											

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV119**	**Ical Ref**	**: ICAL21826**
Calibration dates	**: 12/29/24 13:37 12/29/24 16:09**		

Calibration Files

L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =ccv0205a.D L9 =L
L10 =L10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37) t	Benzo[b]fluoranthene	1.378	1.493	1.304	1.278	1.294	1.169	1.356	1.333	1.331	1.320	1.326	6.17
38) t	Benzo[k]fluoranthene	1.407	1.441	1.210	1.216	1.311	1.209	1.358	1.298	1.361	1.261	1.307	6.40
39) t	Benzo[a]pyrene	1.147	1.221	1.050	1.049	1.083	0.999	1.169	1.154	1.202	1.175	1.125	6.63
40) t	Indeno[1,2,3-cd]pyrene	1.094	1.170	1.014	1.008	1.020	0.953	1.135	1.138	1.177	1.182	1.089	7.67
41) t	Dibenzo[a,h]anthracene	0.964	1.027	0.910	0.921	0.957	0.929	1.106	1.087	1.111	1.092	1.010	8.18
42) t	Benzo[g,h,i]perylene	1.076	1.108	0.966	0.976	0.982	0.929	1.078	1.071	1.097	1.083	1.036	6.31

Response Factor Report SV119

Method Path : I:\8270SIM\sv119\250205aRVT\
Method File : SIM-RVT_241229_sv119.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Feb 05 07:16:40 2025
Response Via : Initial Calibration

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =ccv0205a.D L9 =L
L10 =L10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1) i	1,4-Dichlorobenzene-d4	----------------ISTD--------------------											
2) s	2-Fluorophenol		1.194	1.049	1.050	1.065	0.971	1.054	1.080	1.098	1.085	1.072	5.45
3) s	Phenol-d6		1.497	1.292	1.304	1.309	1.168	1.318	1.365	1.398	1.388	1.338	6.77
4) T	bis(2-Chloroethyl)ether			1.307	1.266	1.553	1.083	1.183	1.165	1.180	1.141	1.235	11.84
5) T	n-Nitrosodi-n-propylamine		0.837	0.808	0.833	0.812	0.724	0.826	0.837	0.889	0.880	0.827	5.75
6) t	Hexachloroethane		0.655	0.513	0.522	0.518	0.458	0.500	0.499	0.506	0.495	0.518	10.54
7) s	Nitrobenzene-d5		1.380	1.332	1.291	1.325	1.150	1.295	1.287	1.325	1.289	1.297	4.83
8) i	Naphthalene-d8	----------------ISTD--------------------											
9) t	Naphthalene	1.204	1.406	1.128	1.129	1.123	0.990	1.072	1.048	1.051	1.005	1.116	10.81
10) t	Hexachlorobutadiene		0.230	0.206	0.202	0.201	0.178	0.192	0.187	0.189	0.183	0.196	7.94
11) t	2-Methylnaphthalene	0.833	0.914	0.778	0.783	0.800	0.703	0.761	0.749	0.753	0.721	0.780	7.71
12) t	1-Methylnaphthalene	0.767	0.829	0.720	0.727	0.739	0.652	0.707	0.691	0.689	0.659	0.718	7.32
13) s	2-Fluorobiphenyl		1.155	0.985	0.990	1.010	0.877	0.949	0.922	0.914		0.975	8.73
14) t	2-Chloronaphthalene		0.942	0.813	0.825	0.837	0.739	0.792	0.774	0.778	0.748	0.805	7.56
15) t	2,6-Dinitrotoluene					0.191	0.171	0.200	0.204	0.215	0.210	0.198	7.92
16) t	Acenaphthylene	1.300	1.472	1.249	1.250	1.283	1.127	1.221	1.209	1.212	1.147	1.247	7.67
17) i	Acenaphthene-d10	----------------ISTD--------------------											
18) t	Acenaphthene	1.410	1.530	1.355	1.333	1.362	1.213	1.307	1.288	1.299	1.244	1.334	6.72
19) t	2,4-Dinitrotoluene					0.369	0.351	0.432	0.447	0.479	0.469	0.424	12.45
20) t	Fluorene	1.590	1.759	1.495	1.502	1.566	1.395	1.529	1.516	1.527	1.448	1.533	6.31
21) s	2,4,6-Tribromophenol		0.198	0.156	0.146	0.157	0.151	0.180	0.186	0.200	0.197	0.175	12.68
22) i	Phenanthrene-d10	----------------ISTD--------------------											
23) T	4,6-Dinitro-o-cresol					0.083	0.079	0.111	0.122	0.135	0.137	*L	0.9975
24) t	Hexachlorobenzene		0.289	0.238	0.240	0.239	0.212	0.227	0.219	0.222		0.236	10.08
25) t	Pentachlorophenol				0.234	0.138	0.101	0.094	0.116	0.140	0.144	*Q	0.9961
26) t	Phenanthrene	1.294	1.376	1.172	1.163	1.200	1.069	1.143	1.111	1.116	1.050	1.170	8.58
27) t	Anthracene	1.275	1.363	1.165	1.157	1.187	1.066	1.158	1.129	1.143	1.082	1.173	7.51
28) t	Fluoranthene	1.590	1.707	1.447	1.422	1.488	1.319	1.431	1.393	1.372		1.463	8.13
29) t	Pyrene	1.620	1.738	1.506	1.482	1.544	1.370	1.491	1.436	1.406		1.510	7.49
30) s	4-Terphenyl-d14			1.036	1.008	1.068	0.945	1.001	0.958	0.931		0.992	5.06
31) i	Chrysene-d12	----------------ISTD--------------------											
32) t	Benzo[a]anthracene	1.237	0.709	0.355	0.247	0.168	0.137	0.145	0.141	0.145	0.139	*L	0.9995
33) t	3,3'-Dichlorobenzidine					0.337	0.313	0.410	0.451	0.523	0.526	*L	0.9962
34) t	Chrysene	1.465	1.591	1.379	1.371	1.369	1.249	1.376	1.320	1.353	1.300	1.377	6.83
35) T	bis(2-Ethylhexyl)phthalate					0.614	0.557	0.715	0.739	0.828	0.834	0.714	15.65
36) i	Perylene-d12	----------------ISTD--------------------											
37) t	Benzo[b]fluora...	1.378	1.493	1.304	1.278	1.294	1.169	1.356	1.333	1.331	1.320	1.326	6.17
38) t	Benzo[k]fluora...	1.407	1.441	1.210	1.216	1.311	1.209	1.358	1.298	1.361	1.261	1.307	6.40
39) t	Benzo[a]pyrene	1.147	1.221	1.050	1.049	1.083	0.999	1.169	1.154	1.202	1.175	1.125	6.63
40) t	Indeno[1,2,3-c...	1.094	1.170	1.014	1.008	1.020	0.953	1.135	1.138	1.177	1.182	1.089	7.67
41) t	Dibenzo[a,h]anthracene	0.964	1.027	0.910	0.921	0.957	0.929	1.106	1.087	1.111	1.092	1.010	8.18
42) t	Benzo[g,h,i]pe...	1.076	1.108	0.966	0.976	0.982	0.929	1.078	1.071	1.097	1.083	1.036	6.31

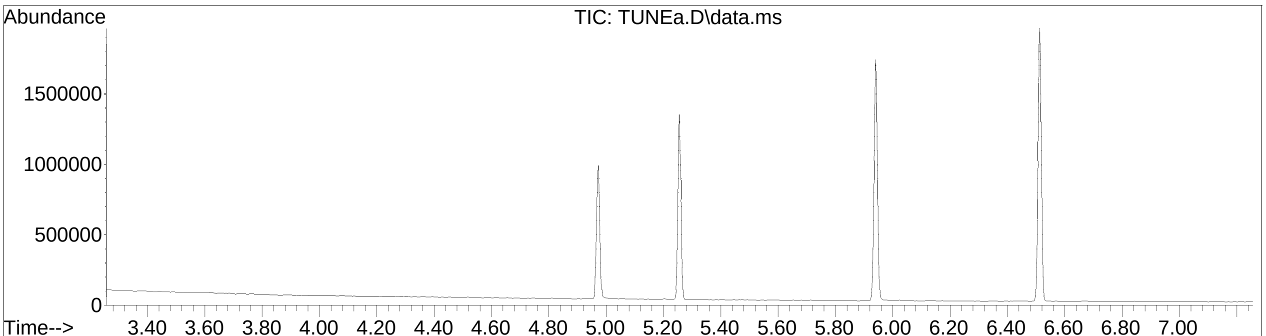
(#) = Out of Range

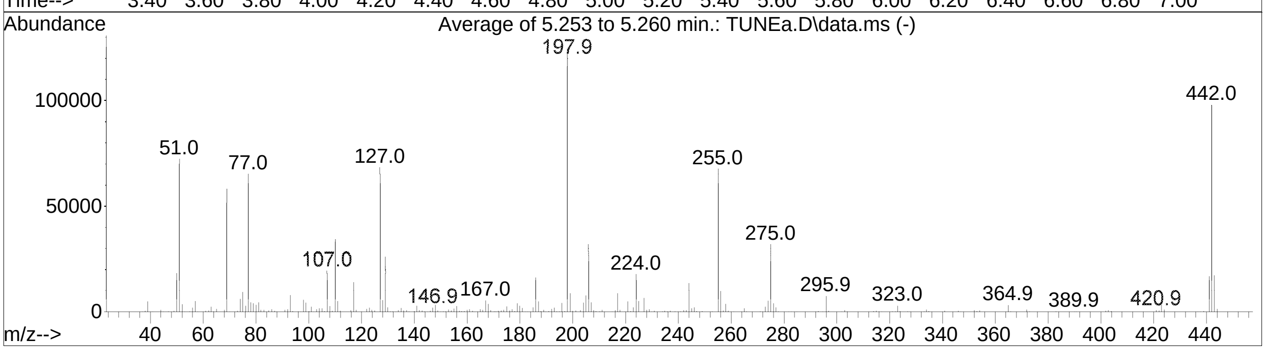
DFTPP

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : TUNEa.D
Acq On : 29 Dec 2024 01:20 pm
Operator : sv119:jjw
Sample : TUNE
Misc : WG2015284,,ical
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Dec 30 14:10:06 2024





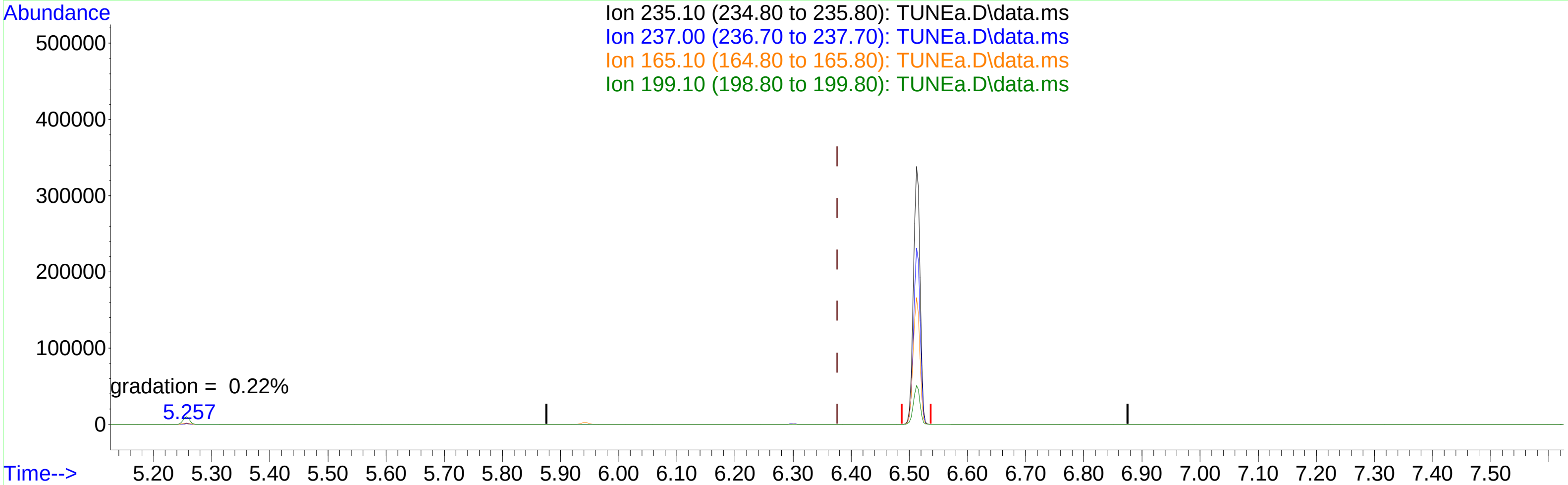
Spectrum Information: Average of 5.253 to 5.260 min.

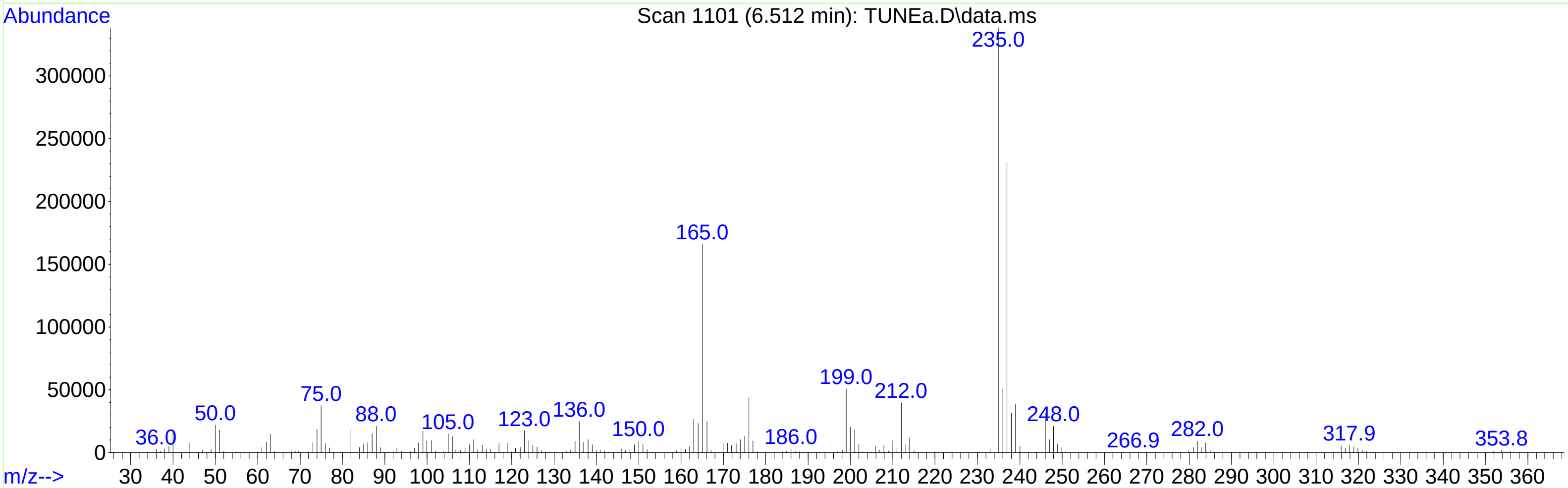
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	58.0	72220	PASS
68	69	0.00	2	1.8	1027	PASS
69	69	100	100	100.0	58144	PASS
70	69	0.00	2	0.4	254	PASS
127	198	10	80	54.8	68219	PASS
197	198	0.00	2	0.4	477	PASS
198	198	100	100	100.0	124584	PASS
199	198	5	9	7.0	8733	PASS
275	198	10	60	25.6	31883	PASS
365	198	1	100	2.6	3257	PASS
441	442	0.01	24	17.1	16738	PASS
442	198	50	100	78.7	98011	PASS
443	442	15	24	17.4	17081	PASS

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : TUNEa.D
Acq On : 29 Dec 2024 01:20 pm
Operator : sv119:jjw
Sample : TUNE
Misc : WG2015284,,ical
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 13:32:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Dec 27 15:06:27 2024
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools™ [TUNE]

(6) ddt (T)

6.512min (+ 0.136) 43.92

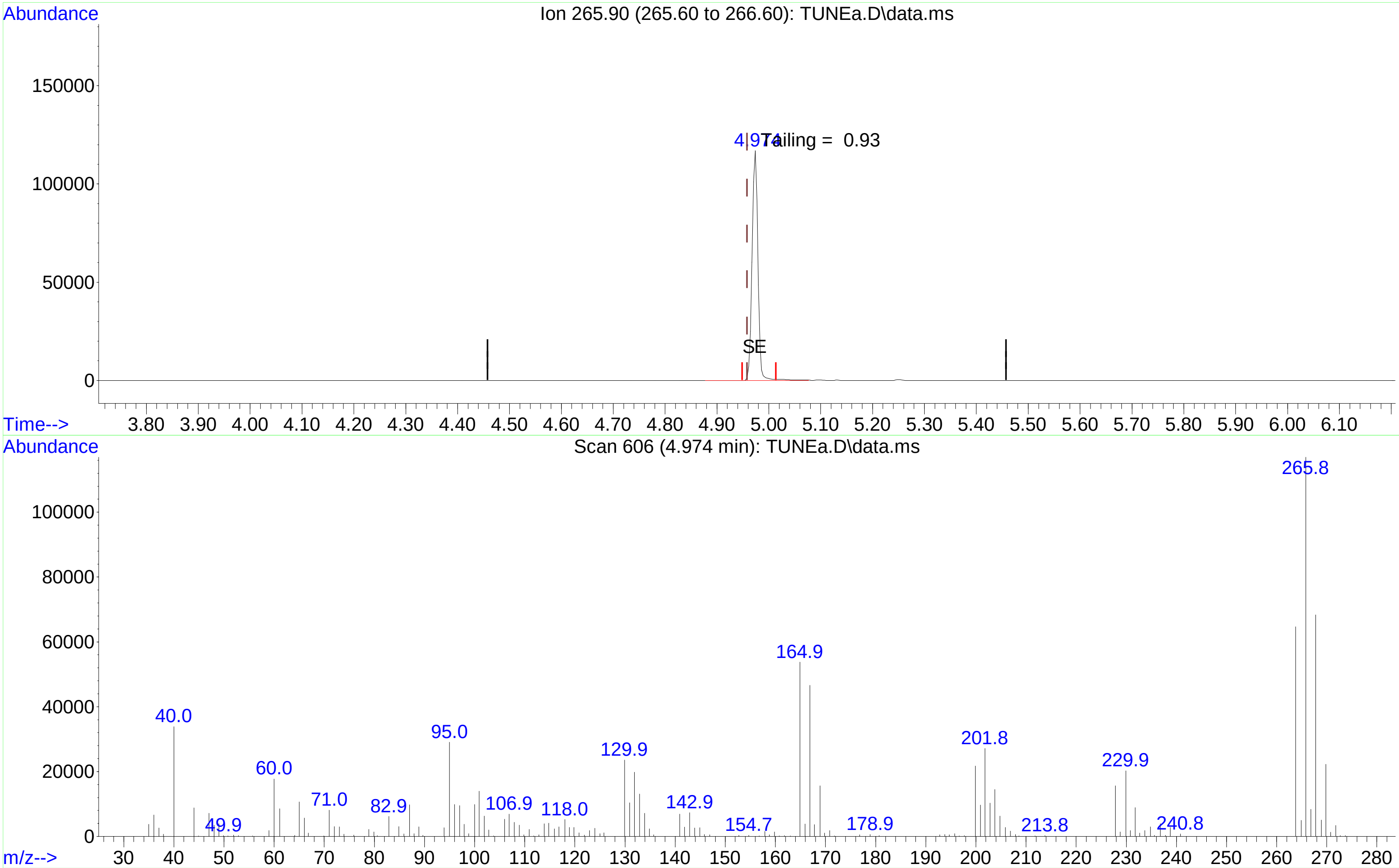
response 267725

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.60	67.99
165.10	53.30	49.37
199.10	17.10	14.67

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : TUNEa.D
Acq On : 29 Dec 2024 01:20 pm
Operator : sv119:jjw
Sample : TUNE
Misc : WG2015284,,ical
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 13:32:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Dec 27 15:06:27 2024
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D



CHROMtools™ [TUNE]

(1) pentachlorophenol (T)

4.974min (+ 0.016) 43.16

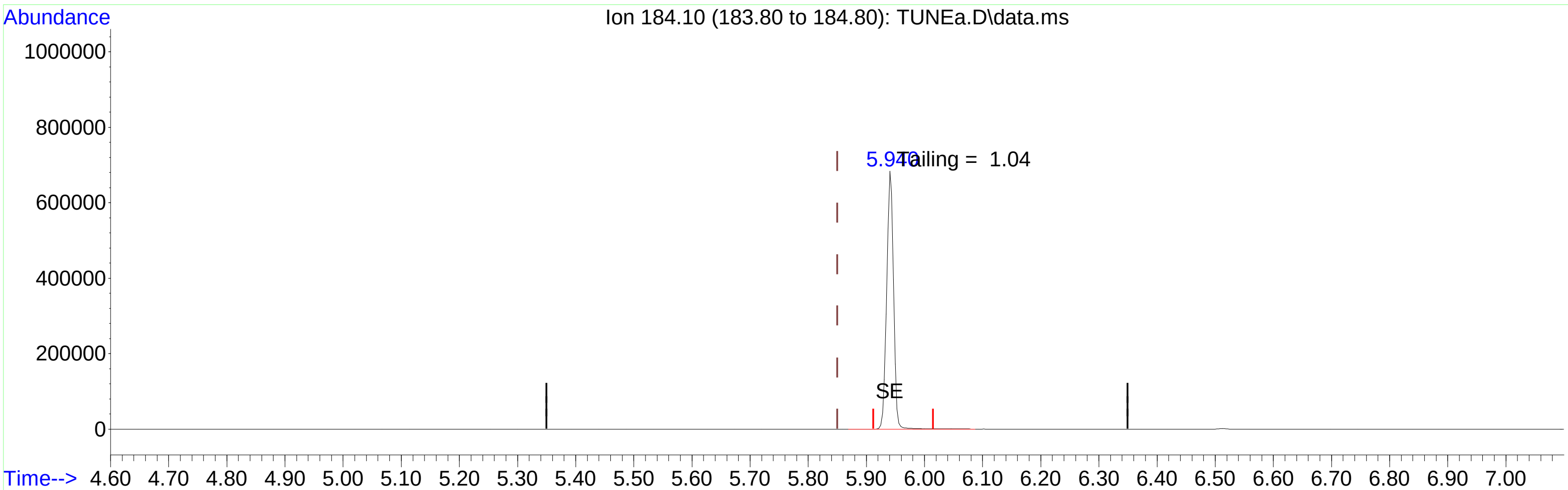
response 90650

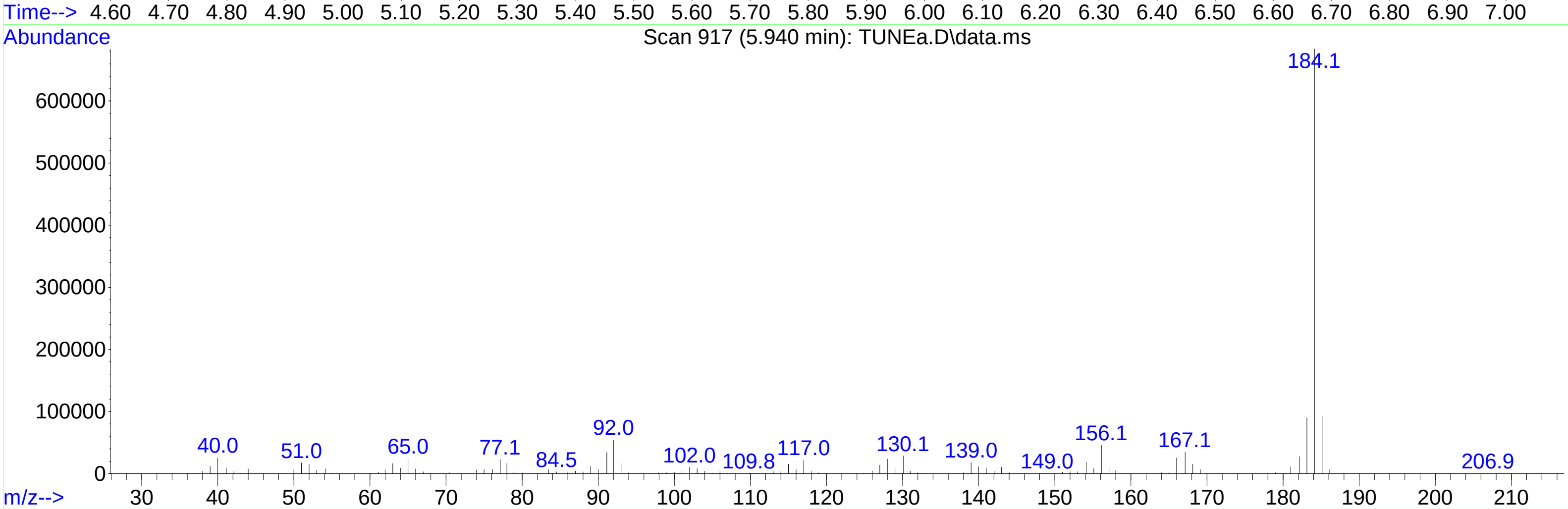
Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : TUNEa.D
Acq On : 29 Dec 2024 01:20 pm
Operator : sv119:jjw
Sample : TUNE
Misc : WG2015284,,ical
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 13:32:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Dec 27 15:06:27 2024
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools™ [TUNE]

(3) benzidine (T)

5.940min (+ 0.090) 55.19

response 561817

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L10.D
Acq On    : 29 Dec 2024  01:37 pm
Operator  : sv119:jjw
Sample    : IL10,32,, #10885 5000 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Dec 31 16:07:10 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:19 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List     : Default - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
  ---------------------------------------------------------------------------
  Internal Standards
  1) 1,4-Dichlorobenzene-d4      2.340  152    348275   4000.000 ng/ml    0.00
    Standard Area 1 = 305578               Recovery   =  113.97%
  8) Naphthalene-d8              3.003  136   1330364   4000.000 ng/ml    0.00
    Standard Area 1 = 1146492               Recovery   =  116.04%
 17) Acenaphthene-d10            3.980  164    838143   4000.000 ng/ml    0.00
    Standard Area 1 = 714823               Recovery   =  117.25%
 22) Phenanthrene-d10            4.824  188   1768675   4000.000 ng/ml    0.00
    Standard Area 1 = 1521053               Recovery   =  116.28%
 31) Chrysene-d12                6.464  240   1711433   4000.000 ng/ml    0.02
    Standard Area 1 = 1553026               Recovery   =  110.20%
 36) Perylene-d12                7.769  264   1750457   4000.000 ng/ml    0.02
    Standard Area 1 = 1562574               Recovery   =  112.02%

  System Monitoring Compounds
  2) 2-Fluorophenol              1.751  112    472357   5061.900 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =  253.09%#
  3) Phenol-d6                   2.147   99    604405   5189.373 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =  259.47%#
  7) Nitrobenzene-d5             2.621   82    561304   4969.811 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =  496.98%#
 13) 2-Fluorobiphenyl            3.597  172   1432759   4416.607 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =  441.66%#
 21) 2,4,6-Tribromophenol        4.426  330    206277   5638.961 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =  281.95%#
 30) 4-Terphenyl-d14             5.772  244   1940016   4421.517 ng/ml   0.01
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =  442.15%#

  Target Compounds                                                 Qvalue
  4) Bis(2-chloroethyl)ether     2.203   93     496607   4619.555 ng/ml#    78
  5) n-nitrosodi-n-propylamine   2.540   70     383143   5318.010 ng/ml    100
  6) Hexachloroethane            2.600  117     215330   4770.086 ng/ml     94
  9) Naphthalene                 3.015  128    1671836   4505.835 ng/ml     99
 10) Hexachlorobutadiene         3.084  225     304831   4668.432 ng/ml    100
 11) 2-Methylnaphthalene         3.393  142    1198947   4624.033 ng/ml     98
 12) 1-Methylnaphthalene         3.448  142    1095173   4587.255 ng/ml     98
 14) 2-Chloronaphthalene         3.664  162    1244316   4646.626 ng/ml     97
 15) 2,6-Dinitrotoluene          3.857  165     349015   5288.657 ng/ml#    91
 16) Acenaphthylene              3.898  152    1908137   4601.153 ng/ml     99
 18) Acenaphthene                3.998  153    1302852   4660.794 ng/ml     96
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L10.D
Acq On : 29 Dec 2024 01:37 pm
Operator : sv119:jjw
Sample : IL10,32,, #10885 5000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 16:07:10 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:19 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.086	165	490910	5520.724 ng/ml#	75
20) Fluorene	4.290	166	1517338	4724.560 ng/ml	97
23) 4,6-Dinitro-o-cresol	4.319	198	303012	5103.808 ng/ml	99
24) Hexachlorobenzene	4.607	284	472069	4528.048 ng/ml	91
25) Pentachlorophenol	4.718	266	318419	4932.491 ng/ml	100
26) Phenanthrene	4.838	178	2321862	4489.867 ng/ml	100
27) Anthracene	4.866	178	2392350	4614.136 ng/ml	99
28) Fluoranthene	5.538	202	2844606	4396.700 ng/ml	98
29) Pyrene	5.677	202	2884960	4320.017 ng/ml	99
32) Benzo[a]anthracene	6.455	228	2973633	4935.581 ng/ml	100
33) 3,3'-Dichlorobenzidine	6.440	252	1124922	5116.132 ng/ml	100
34) Chrysene	6.484	228	2781095	4719.620 ng/ml	99
35) Bis(2-ethylhexyl)phtha...	6.481	149	1783851	5835.435 ng/ml	100
37) Benzo[b]fluoranthene	7.370	252	2888340	4978.758 ng/ml	99
38) Benzo[k]fluoranthene	7.399	252	2759094	4822.834 ng/ml	99
39) Benzo[a]pyrene	7.705	252	2570234	5221.315 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.084	276	2585550	5425.382 ng/ml	94
41) Dibenzo[a,h]anthracene	9.122	278	2388781M6	5403.252 ng/ml	
42) Benzo[g,h,i]perylene	9.456	276	2370451	5226.027 ng/ml	93

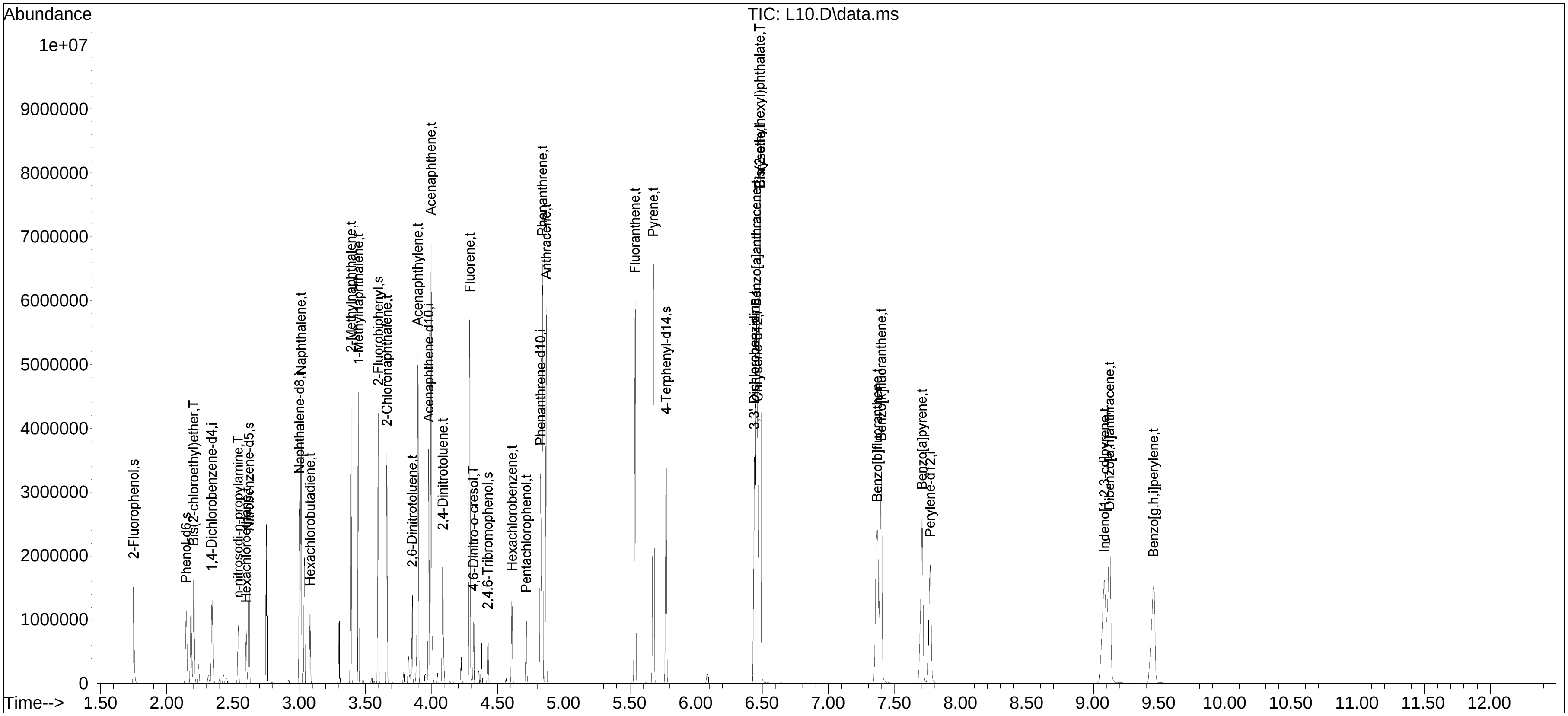
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L10.D
Acq On    : 29 Dec 2024  01:37 pm
Operator  : sv119:jjw
Sample    : IL10,32,, #10885 5000 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Dec 31 16:07:10 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:19 2024
Response via : Initial Calibration

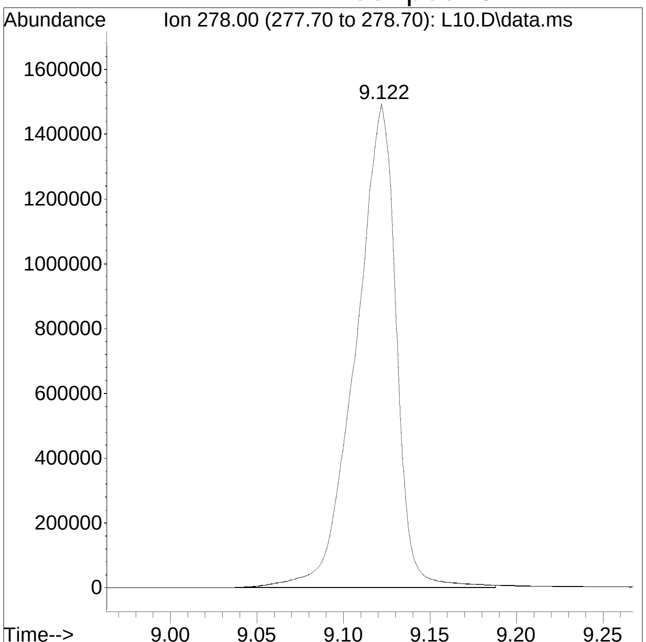
Sub List     : Default - All compounds listedical\L8.D•
```

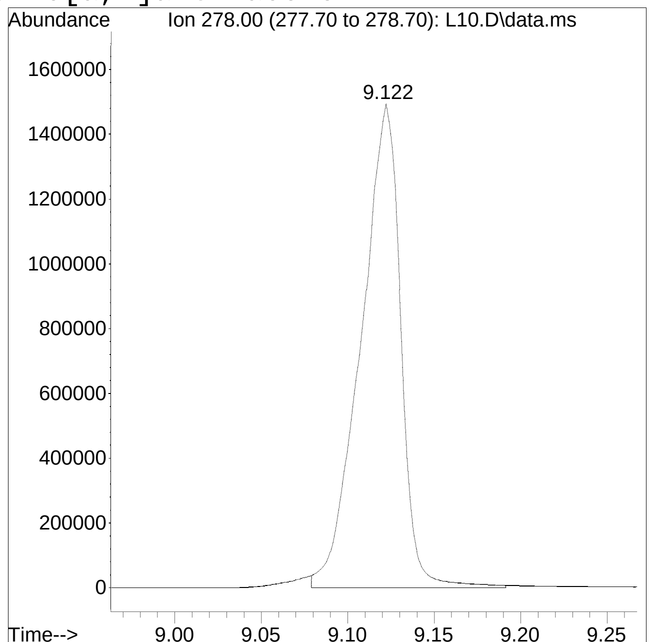


Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\241229RVTQMethod      : SIM-RVT_241229_sv119.M
Data File    : L10.D                    Operator     : sv119:jjw
Date Inj'd   : 12/29/2024  1:37 pm      Instrument   : SV119
Sample       : IL10,32,, #10885 5000 ng/mQuant Date   : 12/31/2024  4:08 pm
```

Compound #41: Dibenzo[a,h]anthracene





Original Peak Response = 2414117   Manual Peak Response = 2388781 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L9.D
Acq On    : 29 Dec 2024  01:53 pm
Operator  : sv119:jjw
Sample    : IL9,32,, #10901 2500 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Dec 31 16:07:50 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:59 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List     : Default - All compounds listed

        Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 -----------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.346  152    346604   4000.000 ng/ml    0.00
   Standard Area 1 = 305578                Recovery   =  113.43%
 8) Naphthalene-d8              3.007  136   1324130   4000.000 ng/ml    0.00
   Standard Area 1 = 1146492                Recovery   =  115.49%
17) Acenaphthene-d10            3.980  164    828772   4000.000 ng/ml    0.00
   Standard Area 1 = 714823                Recovery   =  115.94%
22) Phenanthrene-d10            4.822  188   1758222   4000.000 ng/ml    0.00
   Standard Area 1 = 1521053                Recovery   =  115.59%
31) Chrysene-d12                6.445  240   1717251   4000.000 ng/ml    0.00
   Standard Area 1 = 1553026                Recovery   =  110.57%
36) Perylene-d12                7.753  264   1736377   4000.000 ng/ml    0.00
   Standard Area 1 = 1562574                Recovery   =  111.12%

 System Monitoring Compounds
 2) 2-Fluorophenol              1.755  112    237814   2560.763 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =  128.04%#
 3) Phenol-d6                   2.150   99    302797   2612.325 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =  130.62%#
 7) Nitrobenzene-d5             2.623   82    286990   2553.273 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =  255.33%#
13) 2-Fluorobiphenyl            3.599  172    756619   2343.326 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =  234.33%#
21) 2,4,6-Tribromophenol        4.425  330    103515   2861.769 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =  143.09%#
30) 4-Terphenyl-d14             5.764  244   1022967   2345.319 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =  234.53%#

 Target Compounds                                                  Qvalue
 4) Bis(2-chloroethyl)ether     2.206   93     255714   2390.180 ng/ml#    78
 5) n-nitrosodi-n-propylamine   2.542   70     192599   2686.154 ng/ml    100
 6) Hexachloroethane            2.604  117     109630   2440.281 ng/ml     93
 9) Naphthalene                 3.016  128     869651   2354.867 ng/ml     99
10) Hexachlorobutadiene         3.087  225     156282   2404.699 ng/ml    100
11) 2-Methylnaphthalene         3.395  142     623050   2414.258 ng/ml     98
12) 1-Methylnaphthalene         3.450  142     570089   2399.124 ng/ml     98
14) 2-Chloronaphthalene         3.666  162     643857   2415.663 ng/ml     97
15) 2,6-Dinitrotoluene          3.857  165     177710   2705.534 ng/ml#    92
16) Acenaphthylene              3.898  152    1002725   2429.287 ng/ml     99
18) Acenaphthene                3.998  153     672903   2434.447 ng/ml     98
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L9.D
Acq On : 29 Dec 2024 01:53 pm
Operator : sv119:jjw
Sample : IL9,32,, #10901 2500 ng/ml
Misc : WG2015284,,ical
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 16:07:50 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:59 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.084	165	248081	2821.439 ng/ml#	85
20) Fluorene	4.288	166	791109	2491.142 ng/ml	97
23) 4,6-Dinitro-o-cresol	4.316	198	148490	2529.865 ng/ml	97
24) Hexachlorobenzene	4.607	284	243431	2348.853 ng/ml	90
25) Pentachlorophenol	4.718	266	154275	2689.340 ng/ml	100
26) Phenanthrene	4.836	178	1226441	2385.712 ng/ml	99
27) Anthracene	4.864	178	1256012	2436.878 ng/ml	100
28) Fluoranthene	5.531	202	1507744	2344.265 ng/ml	97
29) Pyrene	5.668	202	1545081	2327.401 ng/ml	100
32) Benzo[a]anthracene	6.436	228	1557204	2572.132 ng/ml	100
33) 3,3'-Dichlorobenzidine	6.421	252	561473	2558.506 ng/ml	99
34) Chrysene	6.465	228	1452499	2456.593 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.463	149	888762	2897.519 ng/ml	99
37) Benzo[b]fluoranthene	7.346	252	1444231	2509.671 ng/ml	100
38) Benzo[k]fluoranthene	7.372	252	1477398	2603.399 ng/ml	97
39) Benzo[a]pyrene	7.681	252	1304908	2672.357 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.055	276	1277350	2702.058 ng/ml	94
41) Dibenzo[a,h]anthracene	9.094	278	1205173M6	2748.120 ng/ml	
42) Benzo[g,h,i]perylene	9.426	276	1190170	2645.191 ng/ml	93

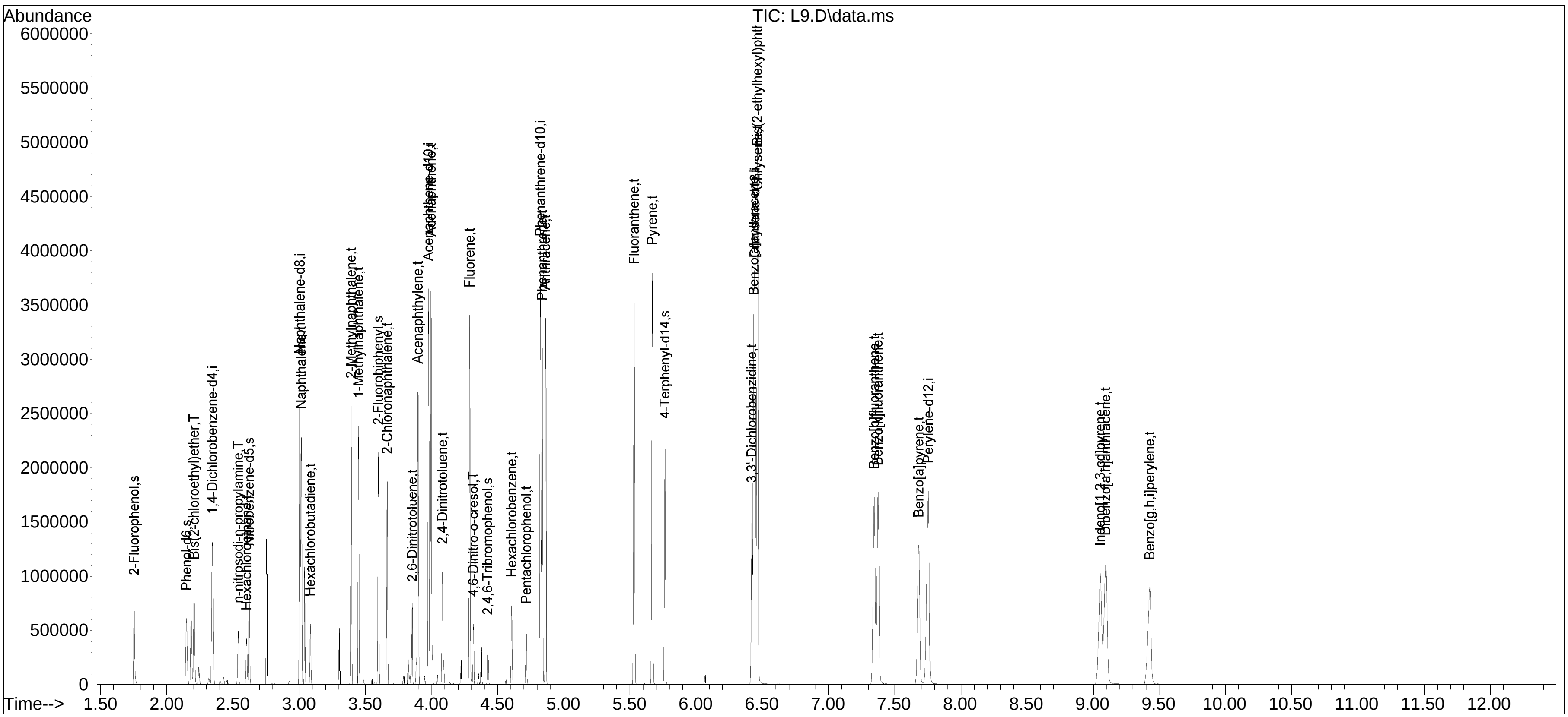
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L9.D
Acq On : 29 Dec 2024 01:53 pm
Operator : sv119:jjw
Sample : IL9,32,, #10901 2500 ng/ml
Misc : WG2015284,,ical
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 16:07:50 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:59 2024
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•



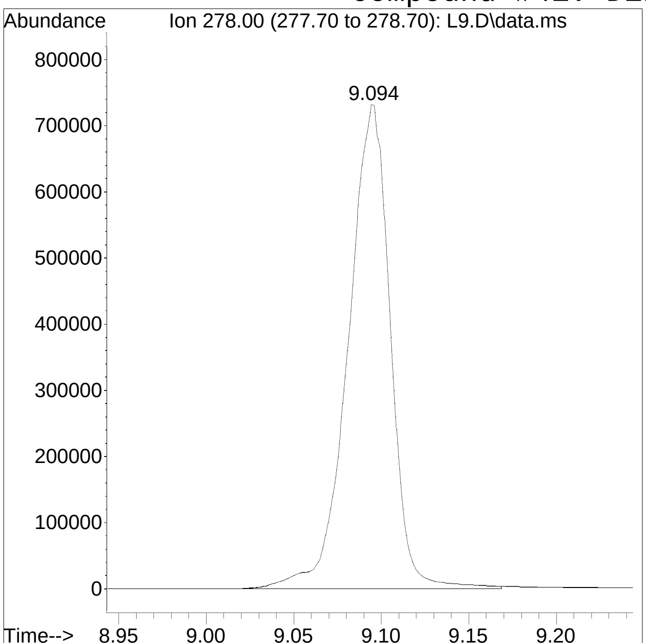
SIM-RVT_241229_sv119.M Tue Dec 31 16:16:31 2024 Page: 3

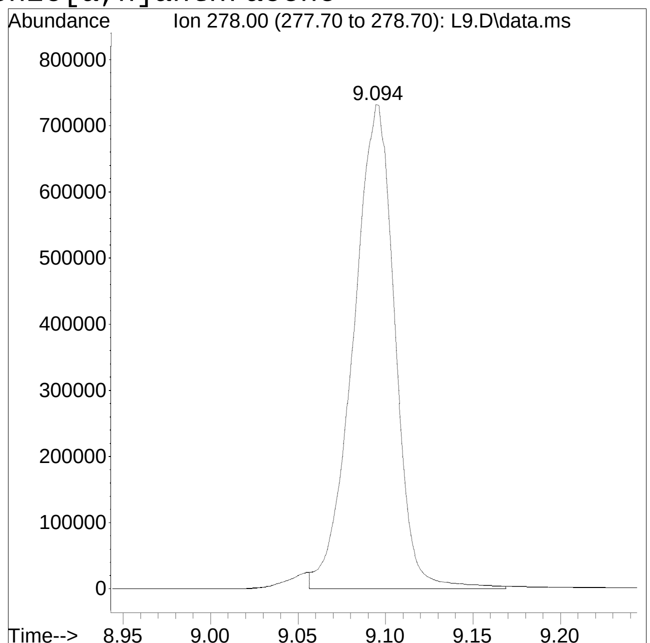
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L9.D
Date Inj'd : 12/29/2024 1:53 pm
Sample : IL9,32,, #10901 2500 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:08 pm

Compound #41: Dibenzo[a,h]anthracene





Original Peak Response = 1224606
Manual Peak Response = 1205173 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L8.D
Acq On : 29 Dec 2024 02:10 pm
Operator : sv119:jjw
Sample : IL8,32,, #10888 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 31 16:07:45 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.348	152	305578	4000.000 ng/ml	0.00
Standard Area 1 = 305578			Recovery	= 100.00%	
8) Naphthalene-d8	3.007	136	1146492	4000.000 ng/ml	0.00
Standard Area 1 = 1146492			Recovery	= 100.00%	
17) Acenaphthene-d10	3.981	164	714823	4000.000 ng/ml	0.00
Standard Area 1 = 714823			Recovery	= 100.00%	
22) Phenanthrene-d10	4.823	188	1521053	4000.000 ng/ml	0.00
Standard Area 1 = 1521053			Recovery	= 100.00%	
31) Chrysene-d12	6.442	240	1553026	4000.000 ng/ml	0.00
Standard Area 1 = 1553026			Recovery	= 100.00%	
36) Perylene-d12	7.747	264	1562574	4000.000 ng/ml	-0.02
Standard Area 1 = 1562574			Recovery	= 100.00%	
System Monitoring Compounds					
2) 2-Fluorophenol	1.754	112	82538	1008.085 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 50.40%	
3) Phenol-d6	2.149	99	104272	1020.363 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 51.02%	
7) Nitrobenzene-d5	2.624	82	98311	992.074 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 99.21%	
13) 2-Fluorobiphenyl	3.598	172	264373	945.654 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 94.57%	
21) 2,4,6-Tribromophenol	4.425	330	33279	1066.690 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 53.33%	
30) 4-Terphenyl-d14	5.762	244	364120	964.971 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 96.50%	
Target Compounds					Qvalue
4) Bis(2-chloroethyl)ether	2.208	93	89000	943.577 ng/ml#	77
5) n-nitrosodi-n-propylamine	2.541	70	63954	1011.710 ng/ml	100
6) Hexachloroethane	2.605	117	38084	961.533 ng/ml	94
9) Naphthalene	3.018	128	300505	939.794 ng/ml	99
10) Hexachlorobutadiene	3.089	225	53732	954.870 ng/ml	100
11) 2-Methylnaphthalene	3.395	142	214708	960.879 ng/ml	98
12) 1-Methylnaphthalene	3.451	142	197962	962.169 ng/ml	98
14) 2-Chloronaphthalene	3.667	162	221813	961.155 ng/ml	98
15) 2,6-Dinitrotoluene	3.856	165	58451	1027.762 ng/ml#	91
16) Acenaphthylene	3.899	152	346408	969.269 ng/ml	100
18) Acenaphthene	3.997	153	230112	965.214 ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L8.D
Acq On : 29 Dec 2024 02:10 pm
Operator : sv119:jjw
Sample : IL8,32,, #10888 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 31 16:07:45 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.083	165	79884	1053.352 ng/ml#	84
20) Fluorene	4.289	166	270902	989.033 ng/ml	97
23) 4,6-Dinitro-o-cresol	4.315	198	46279	928.938 ng/ml	98
24) Hexachlorobenzene	4.608	284	83312	929.216 ng/ml	90
25) Pentachlorophenol	4.716	266	44173	975.015 ng/ml	100
26) Phenanthrene	4.837	178	422591	950.213 ng/ml	99
27) Anthracene	4.864	178	429413	963.041 ng/ml	99
28) Fluoranthene	5.530	202	529706	952.014 ng/ml	97
29) Pyrene	5.667	202	546047	950.778 ng/ml	100
32) Benzo[a]anthracene	6.434	228	546693	993.722 ng/ml	99
33) 3,3'-Dichlorobenzidine	6.417	252	175197	900.458 ng/ml	99
34) Chrysene	6.462	228	512439	958.329 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.463	149	286862	1034.115 ng/ml	99
37) Benzo[b]fluoranthene	7.343	252	520748	1005.567 ng/ml	98
38) Benzo[k]fluoranthene	7.372	252	507018	992.819 ng/ml	98
39) Benzo[a]pyrene	7.676	252	450660	1025.574 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.052	276	444586	1045.067 ng/ml	93
41) Dibenzo[a,h]anthracene	9.089	278	424467M4	1075.558 ng/ml	
42) Benzo[g,h,i]perylene	9.414	276	415191	1025.415 ng/ml	93

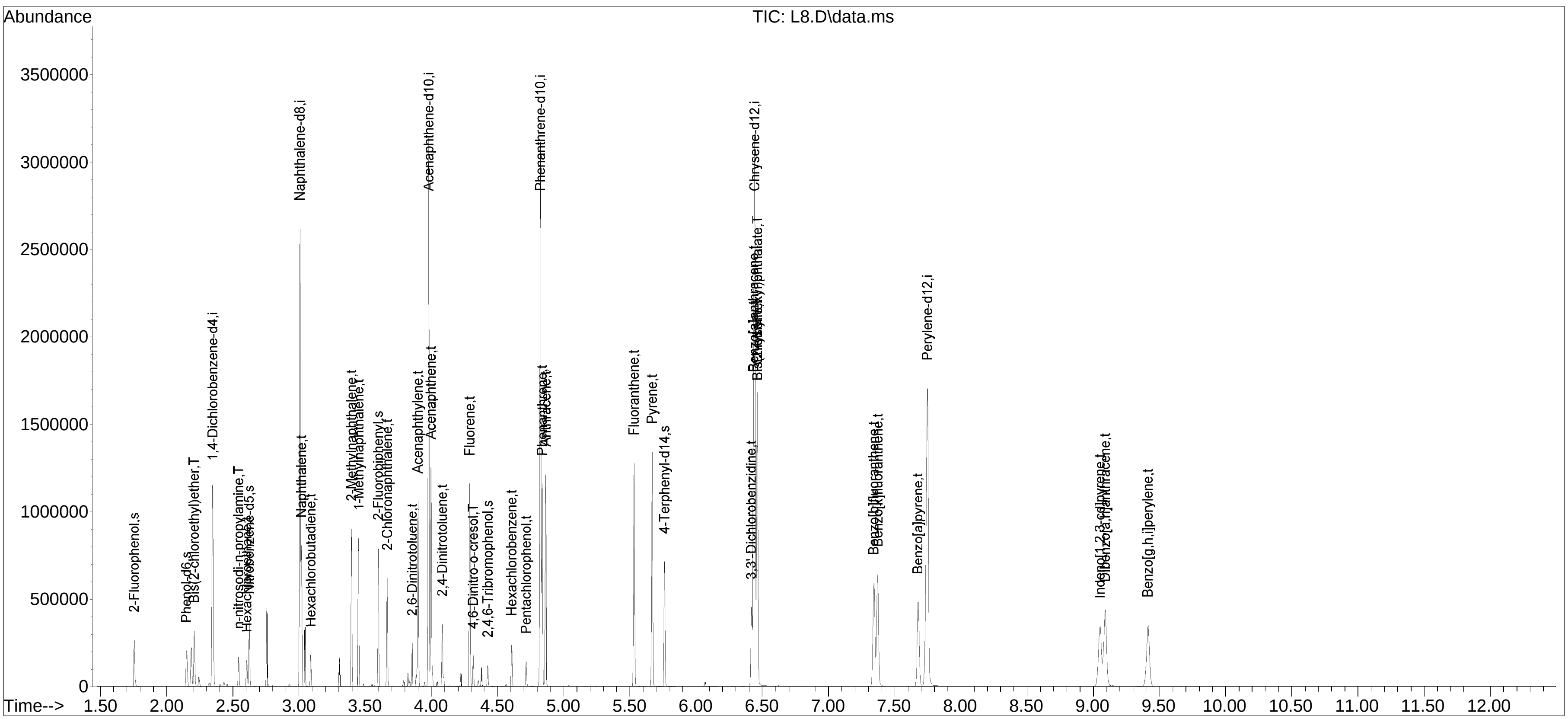
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L8.D
Acq On : 29 Dec 2024 02:10 pm
Operator : sv119:jjw
Sample : IL8,32,, #10888 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 31 16:07:45 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:54 2024
Response via : Initial Calibration

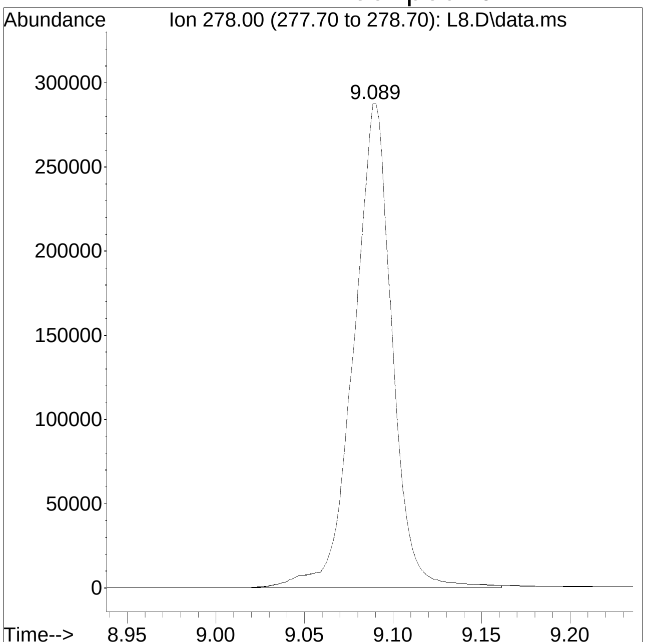
Sub List : Default - All compounds listedical\L8.D•

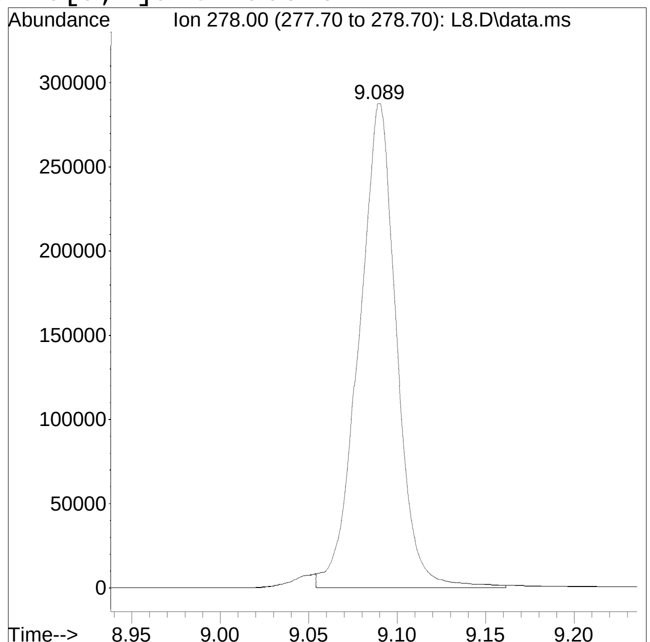


Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File    : L8.D                       Operator    : sv119:jjw
Date Inj'd   : 12/29/2024  2:10 pm        Instrument  : SV119
Sample       : IL8,32,, #10888 1000 ng/mlQuant Date  : 12/31/2024  4:08 pm
```

Compound #41: Dibenzo[a,h]anthracene





Original Peak Response = 432000   Manual Peak Response = 424467 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L7.D
Acq On : 29 Dec 2024 02:27 pm
Operator : sv119:jjw
Sample : IL7,32,, #10889 500 ng/ml
Misc : WG2015284,,ical
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 31 16:07:40 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:49 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.347	152	277700	4000.000	ng/ml	0.00
Standard Area 1 = 305578			Recovery = 90.88%			
8) Naphthalene-d8	3.009	136	1031350	4000.000	ng/ml	0.00
Standard Area 1 = 1146492			Recovery = 89.96%			
17) Acenaphthene-d10	3.981	164	642605	4000.000	ng/ml	0.00
Standard Area 1 = 714823			Recovery = 89.90%			
22) Phenanthrene-d10	4.823	188	1358701	4000.000	ng/ml	0.00
Standard Area 1 = 1521053			Recovery = 89.33%			
31) Chrysene-d12	6.441	240	1404741	4000.000	ng/ml	0.00
Standard Area 1 = 1553026			Recovery = 90.45%			
36) Perylene-d12	7.745	264	1401329	4000.000	ng/ml	0.00
Standard Area 1 = 1562574			Recovery = 89.68%			
System Monitoring Compounds						
2) 2-Fluorophenol	1.751	112	36580	491.624	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 24.58%			
3) Phenol-d6	2.149	99	45744	492.569	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 24.63%			
7) Nitrobenzene-d5	2.624	82	44951	499.146	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 49.91%			
13) 2-Fluorobiphenyl	3.600	172	122309	486.338	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 48.63%			
21) 2,4,6-Tribromophenol	4.427	330	14481	516.322	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 25.82%			
30) 4-Terphenyl-d14	5.760	244	169972	504.275	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 50.43%			
Target Compounds						Qvalue
4) Bis(2-chloroethyl)ether	2.208	93	41071	479.147	ng/ml#	77
5) n-nitrosodi-n-propylamine	2.543	70	28682	499.280	ng/ml	100
6) Hexachloroethane	2.607	117	17362	482.356	ng/ml	94
9) Naphthalene	3.018	128	138206	480.477	ng/ml	99
10) Hexachlorobutadiene	3.089	225	24705	488.047	ng/ml	100
11) 2-Methylnaphthalene	3.397	142	98129	488.183	ng/ml	97
12) 1-Methylnaphthalene	3.453	142	91083	492.121	ng/ml	98
14) 2-Chloronaphthalene	3.666	162	102077	491.699	ng/ml	98
15) 2,6-Dinitrotoluene	3.856	165	25755	503.416	ng/ml#	90
16) Acenaphthylene	3.901	152	157411	489.617	ng/ml	100
18) Acenaphthene	3.999	153	105015	489.993	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L7.D
Acq On : 29 Dec 2024 02:27 pm
Operator : sv119:jjw
Sample : IL7,32,, #10889 500 ng/ml
Misc : WG2015284,,ical
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 31 16:07:40 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:49 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.085	165	34686	508.771 ng/ml#	91
20) Fluorene	4.289	166	122836	498.860 ng/ml	96
23) 4,6-Dinitro-o-cresol	4.315	198	18886	439.270 ng/ml	98
24) Hexachlorobenzene	4.608	284	38541	481.230 ng/ml	89
25) Pentachlorophenol	4.716	266	16039	405.437 ng/ml	100
26) Phenanthrene	4.836	178	194162	488.748 ng/ml	100
27) Anthracene	4.864	178	196722	493.904 ng/ml	99
28) Fluoranthene	5.530	202	243061	489.040 ng/ml	97
29) Pyrene	5.665	202	253172	493.498 ng/ml	100
32) Benzo[a]anthracene	6.433	228	255211	509.090 ng/ml	100
33) 3,3'-Dichlorobenzidine	6.415	252	72048	424.135 ng/ml	99
34) Chrysene	6.458	228	241633	499.587 ng/ml	99
35) Bis(2-ethylhexyl)phtha...	6.458	149	125474	500.071 ng/ml	100
37) Benzo[b]fluoranthene	7.339	252	237567	511.529 ng/ml	98
38) Benzo[k]fluoranthene	7.365	252	237883	519.410 ng/ml	98
39) Benzo[a]pyrene	7.671	252	204746	519.558 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.047	276	198795	521.068 ng/ml	93
41) Dibenzo[a,h]anthracene	9.084	278	193699M6	547.290 ng/ml	
42) Benzo[g,h,i]perylene	9.414	276	188750	519.803 ng/ml	93

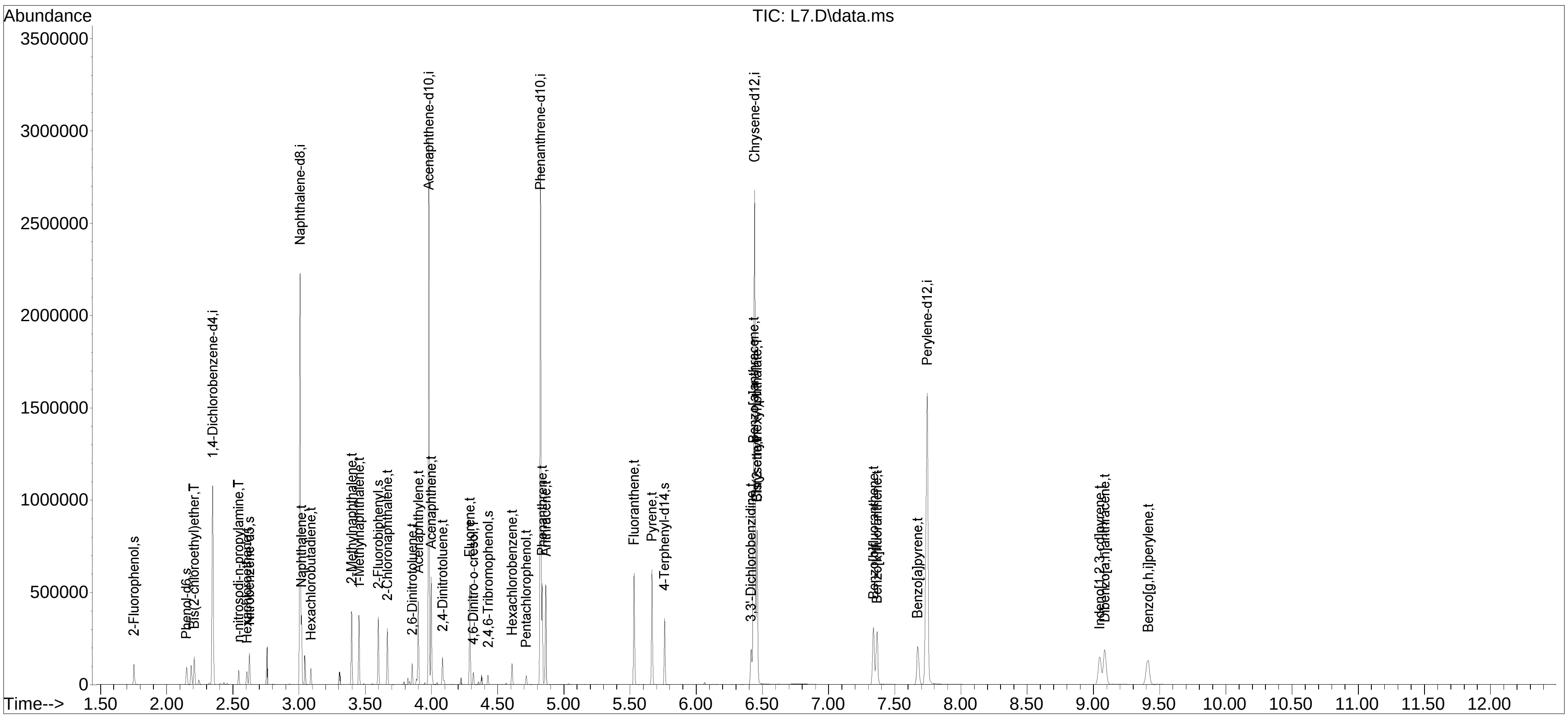
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L7.D
Acq On   : 29 Dec 2024 02:27 pm
Operator : sv119:jjw
Sample   : IL7,32,, #10889 500 ng/ml
Misc   : WG2015284,,ical
ALS Vial : 4   Sample Multiplier: 1

Quant Time: Dec 31 16:07:40 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:49 2024
Response via : Initial Calibration

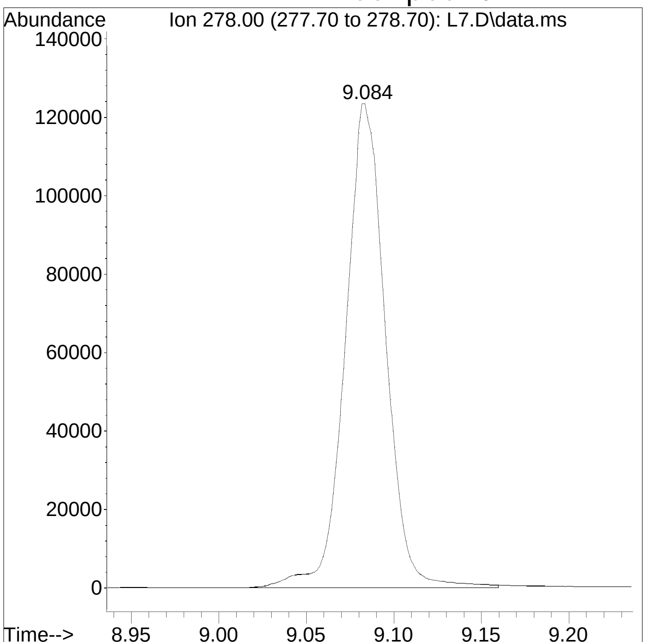
Sub List   : Default - All compounds listedical\L8.D•

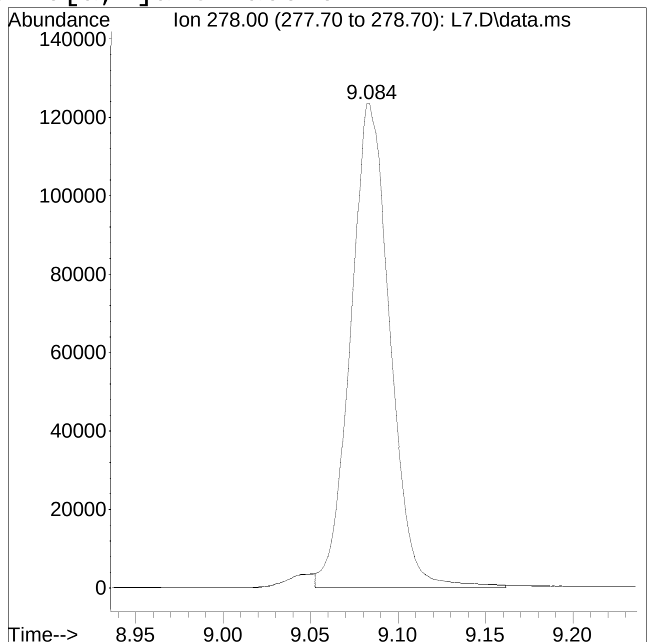


Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : L7.D                         Operator    : sv119:jjw
Date Inj'd  : 12/29/2024  2:27 pm          Instrument  : SV119
Sample      : IL7,32,, #10889 500 ng/ml Quant Date  : 12/31/2024  4:08 pm
```

Compound #41: Dibenzo[a,h]anthracene





Original Peak Response = 197427   Manual Peak Response = 193699 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L6.D
Acq On : 29 Dec 2024 02:44 pm
Operator : sv119:jjw
Sample : IL6,32,, #11222 100 ng/ml
Misc : WG2015284,,ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 31 16:07:35 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:44 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.349	152	348584	4000.000 ng/ml	0.00
Standard Area 1 = 305578			Recovery	= 114.07%	
8) Naphthalene-d8	3.010	136	1262202	4000.000 ng/ml	0.00
Standard Area 1 = 1146492			Recovery	= 110.09%	
17) Acenaphthene-d10	3.982	164	774717	4000.000 ng/ml	0.00
Standard Area 1 = 714823			Recovery	= 108.38%	
22) Phenanthrene-d10	4.824	188	1624304	4000.000 ng/ml	0.00
Standard Area 1 = 1521053			Recovery	= 106.79%	
31) Chrysene-d12	6.442	240	1715880	4000.000 ng/ml	0.00
Standard Area 1 = 1553026			Recovery	= 110.49%	
36) Perylene-d12	7.746	264	1679771	4000.000 ng/ml	0.00
Standard Area 1 = 1562574			Recovery	= 107.50%	
System Monitoring Compounds					
2) 2-Fluorophenol	1.761	112	8463	90.611 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 4.53%#	
3) Phenol-d6	2.153	99	10183	87.353 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 4.37%#	
7) Nitrobenzene-d5	2.627	82	10026	88.692 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 8.87%#	
13) 2-Fluorobiphenyl	3.601	172	27683	89.944 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 8.99%#	
21) 2,4,6-Tribromophenol	4.426	330	2917	86.270 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 4.31%#	
30) 4-Terphenyl-d14	5.760	244	38387	95.264 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 9.53%#	
Target Compounds					Qvalue
4) Bis(2-chloroethyl)ether	2.212	93	9437	87.707 ng/ml#	77
5) n-nitrosodi-n-propylamine	2.546	70	6307	87.463 ng/ml	98
6) Hexachloroethane	2.608	117	3992	88.354 ng/ml	94
9) Naphthalene	3.021	128	31246	88.760 ng/ml	100
10) Hexachlorobutadiene	3.090	225	5602	90.427 ng/ml	99
11) 2-Methylnaphthalene	3.397	142	22197	90.231 ng/ml	98
12) 1-Methylnaphthalene	3.452	142	20577	90.843 ng/ml	98
14) 2-Chloronaphthalene	3.668	162	23306	91.731 ng/ml	98
15) 2,6-Dinitrotoluene	3.857	165	5395	86.166 ng/ml#	88
16) Acenaphthylene	3.900	152	35549	90.350 ng/ml	100
18) Acenaphthene	3.998	153	23490	90.912 ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L6.D
Acq On : 29 Dec 2024 02:44 pm
Operator : sv119:jjw
Sample : IL6,32,, #11222 100 ng/ml
Misc : WG2015284,,ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 31 16:07:35 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:44 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.084	165	6802	82.757 ng/ml#	87
20) Fluorene	4.290	166	27026	91.041 ng/ml	96
23) 4,6-Dinitro-o-cresol	4.314	198	3224	86.212 ng/ml	100
24) Hexachlorobenzene	4.609	284	8612	89.948 ng/ml	89
25) Pentachlorophenol	4.718	266	4120	82.571 ng/ml	100
26) Phenanthrene	4.836	178	43401M6	91.386 ng/ml	
27) Anthracene	4.866	178	43275	90.883 ng/ml	99
28) Fluoranthene	5.529	202	53550	90.125 ng/ml	97
29) Pyrene	5.666	202	55647	90.734 ng/ml	99
32) Benzo[a]anthracene	6.434	228	58816	89.720 ng/ml	99
33) 3,3'-Dichlorobenzidine	6.413	252	13432	87.639 ng/ml	99
34) Chrysene	6.457	228	53579	90.690 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.456	149	23895	77.964 ng/ml	98
37) Benzo[b]fluoranthene	7.339	252	49075	88.152 ng/ml	100
38) Benzo[k]fluoranthene	7.363	252	50767	92.474 ng/ml	96
39) Benzo[a]pyrene	7.672	252	41958	88.823 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.043	276	40027	87.525 ng/ml	93
41) Dibenzo[a,h]anthracene	9.081	278	39005M6	91.939 ng/ml	
42) Benzo[g,h,i]perylene	9.404	276	39026	89.659 ng/ml	93

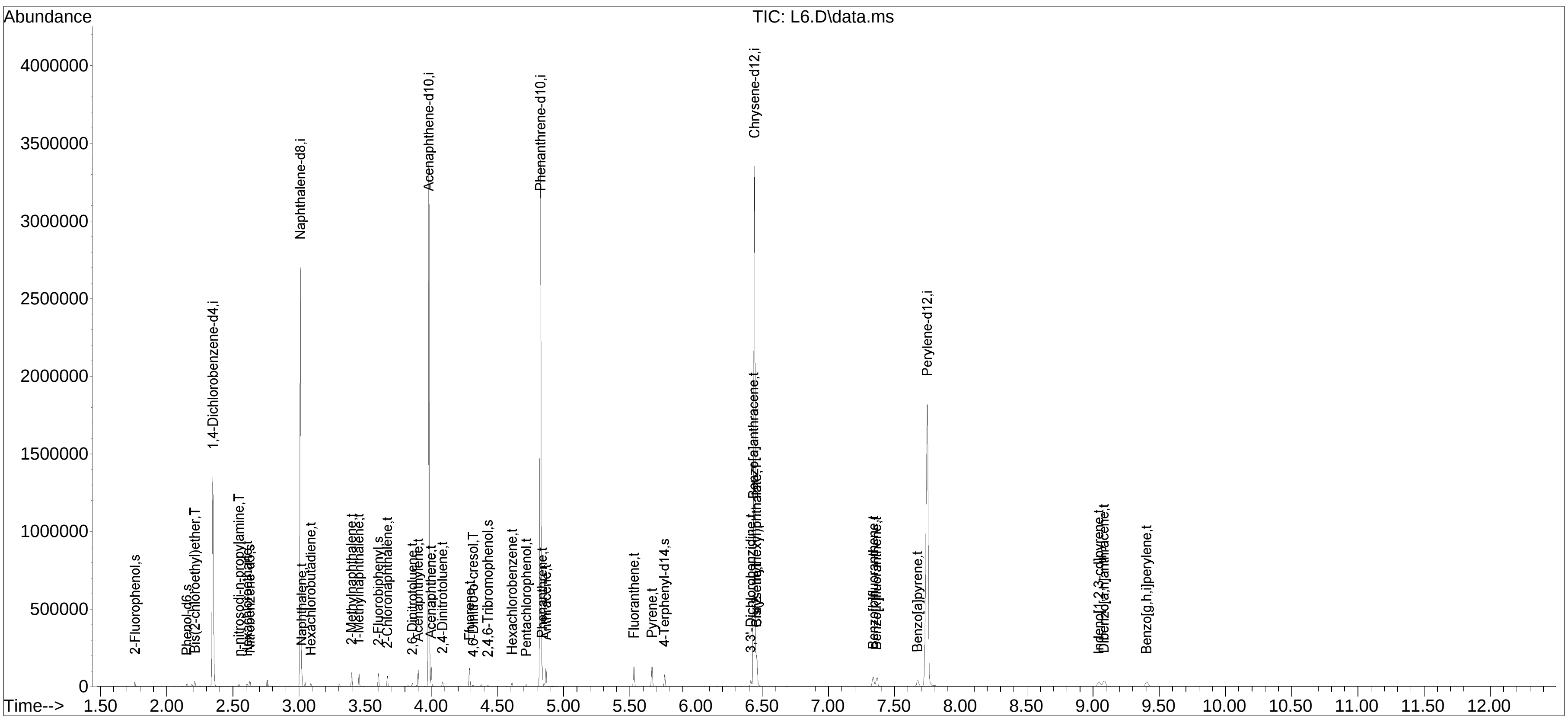
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L6.D
Acq On : 29 Dec 2024 02:44 pm
Operator : sv119:jjw
Sample : IL6,32,, #11222 100 ng/ml
Misc : WG2015284,,ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 31 16:07:35 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:44 2024
Response via : Initial Calibration

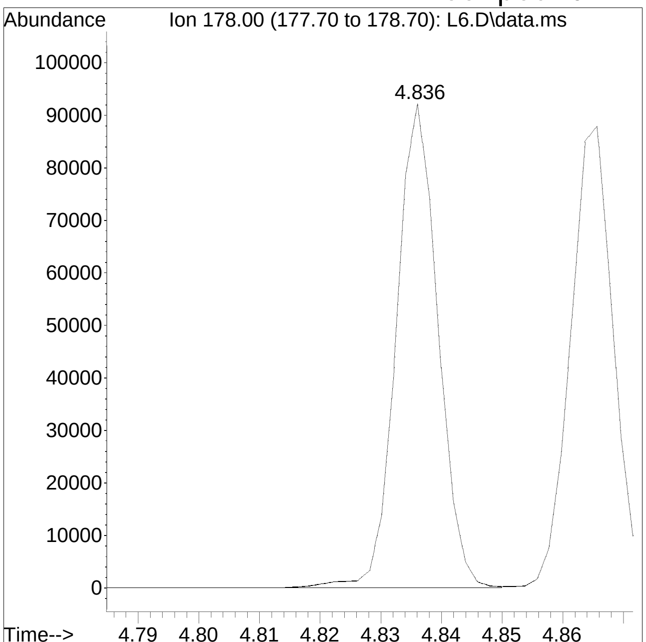
Sub List : Default - All compounds listedical\L8.D•

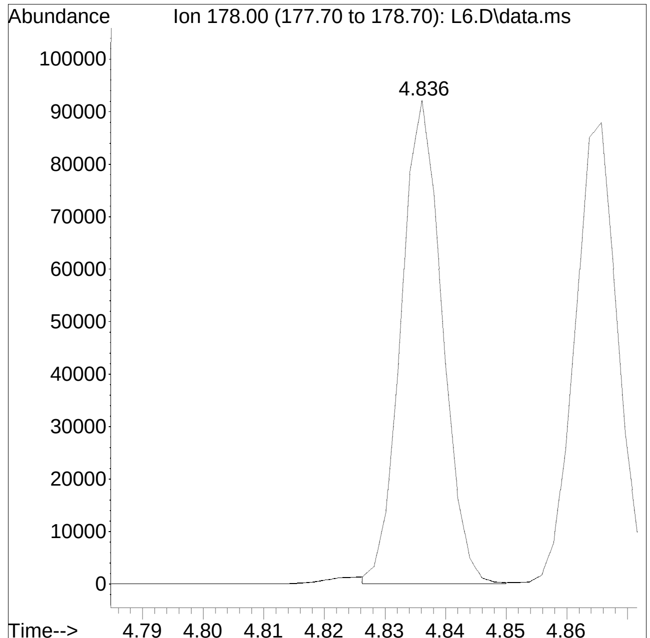


Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File    : L6.D                          Operator     : sv119:jjw
Date Inj'd   : 12/29/2024  2:44 pm           Instrument   : SV119
Sample       : IL6,32,, #11222 100 ng/ml Quant Date   : 12/31/2024  4:08 pm
```

Compound #26: Phenanthrene





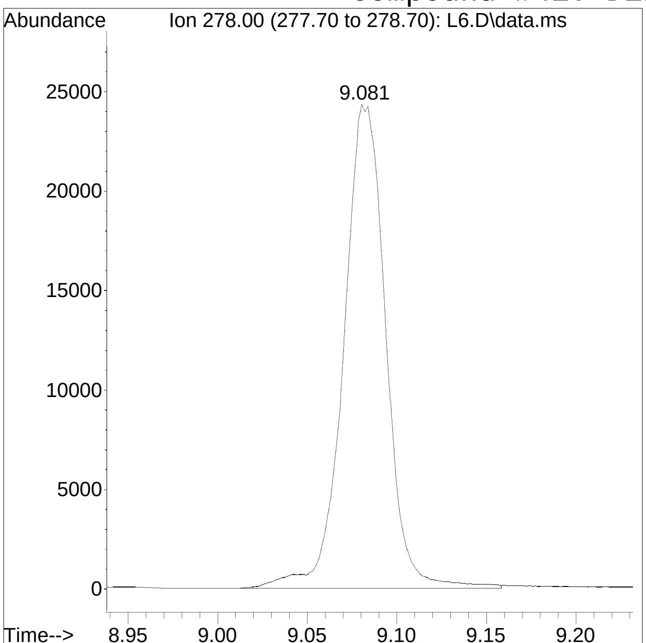
Original Peak Response = 44024   Manual Peak Response = 43401 M6

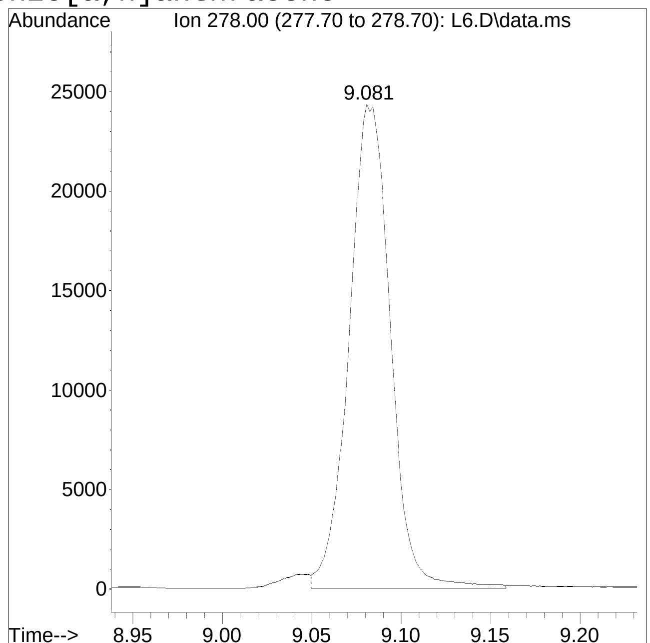
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : L6.D                       Operator    : sv119:jjw
Date Inj'd  : 12/29/2024  2:44 pm        Instrument  : SV119
Sample      : IL6,32,, #11222 100 ng/ml  Quant Date  : 12/31/2024  4:08 pm
```

Compound #41: Dibenzo[a,h]anthracene





Original Peak Response = 39833   Manual Peak Response = 39005 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L5.D
Acq On    : 29 Dec 2024  03:01 pm
Operator  : sv119:jjw
Sample    : IL5,32,, #10891 40 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Dec 31 16:07:30 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:39 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List     : Default - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4       2.349  152    371978   4000.000 ng/ml    0.00
   Standard Area 1 = 305578                 Recovery   =  121.73%
 8) Naphthalene-d8               3.010  136   1361124   4000.000 ng/ml    0.00
   Standard Area 1 = 1146492                 Recovery   =  118.72%
17) Acenaphthene-d10             3.982  164    850825   4000.000 ng/ml    0.00
   Standard Area 1 = 714823                 Recovery   =  119.03%
22) Phenanthrene-d10             4.824  188   1815883   4000.000 ng/ml    0.00
   Standard Area 1 = 1521053                 Recovery   =  119.38%
31) Chrysene-d12                 6.439  240   1971843   4000.000 ng/ml    0.00
   Standard Area 1 = 1553026                 Recovery   =  126.97%
36) Perylene-d12                 7.743  264   1883991   4000.000 ng/ml    0.00
   Standard Area 1 = 1562574                 Recovery   =  120.57%

 System Monitoring Compounds
 2) 2-Fluorophenol               1.762  112      3960    39.732 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =    1.99%#
 3) Phenol-d6                    2.153   99      4868    39.133 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =    1.96%#
 7) Nitrobenzene-d5              2.627   82      4930    40.869 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =    4.09%#
13) 2-Fluorobiphenyl             3.601  172     13741    41.401 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =    4.14%#
21) 2,4,6-Tribromophenol         4.426  330      1339    36.058 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =    1.80%#
30) 4-Terphenyl-d14              5.760  244     19393    43.050 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =    4.30%#

 Target Compounds                                                 Qvalue
 4) Bis(2-chloroethyl)ether      2.212   93      5775     50.297 ng/ml     99
 5) n-nitrosodi-n-propylamine    2.546   70      3022     39.272 ng/ml    100
 6) Hexachloroethane             2.608  117      1928     39.988 ng/ml     93
 9) Naphthalene                  3.021  128     15283     40.259 ng/ml    100
10) Hexachlorobutadiene          3.090  225      2730     40.865 ng/ml     99
11) 2-Methylnaphthalene          3.398  142     10887     41.039 ng/ml     98
12) 1-Methylnaphthalene          3.452  142     10053     41.157 ng/ml     98
14) 2-Chloronaphthalene          3.668  162     11392     41.580 ng/ml     98
15) 2,6-Dinitrotoluene           3.857  165      2603     38.552 ng/ml#    87
16) Acenaphthylene               3.900  152     17461     41.153 ng/ml    100
18) Acenaphthene                 4.000  153     11585     40.826 ng/ml     97
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L5.D
Acq On : 29 Dec 2024 03:01 pm
Operator : sv119:jjw
Sample : IL5,32,, #10891 40 ng/ml
Misc : WG2015284,,ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 31 16:07:30 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:39 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.084	165	3137	34.753 ng/ml#	84
20) Fluorene	4.290	166	13325	40.872 ng/ml	96
23) 4,6-Dinitro-o-cresol	4.316	198	1502	51.908 ng/ml	97
24) Hexachlorobenzene	4.609	284	4349	40.631 ng/ml	89
25) Pentachlorophenol	4.718	266	2504	41.336 ng/ml	99
26) Phenanthrene	4.836	178	21799M6	41.058 ng/ml	
27) Anthracene	4.866	178	21558	40.498 ng/ml	99
28) Fluoranthene	5.529	202	27023	40.682 ng/ml	97
29) Pyrene	5.664	202	28030	40.882 ng/ml	99
32) Benzo[a]anthracene	6.430	228	33056	39.893 ng/ml	97
33) 3,3'-Dichlorobenzidine	6.411	252	6647	53.130 ng/ml	99
34) Chrysene	6.455	228	26991	39.756 ng/ml	99
35) Bis(2-ethylhexyl)phtha...	6.455	149	12116	34.400 ng/ml	98
37) Benzo[b]fluoranthene	7.334	252	24381	39.048 ng/ml	98
38) Benzo[k]fluoranthene	7.360	252	24703	40.120 ng/ml	98
39) Benzo[a]pyrene	7.669	252	20397	38.499 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.037	276	19225	37.481 ng/ml	94
41) Dibenzo[a,h]anthracene	9.077	278	18024	37.879 ng/ml	92
42) Benzo[g,h,i]perylene	9.404	276	18496	37.887 ng/ml	93

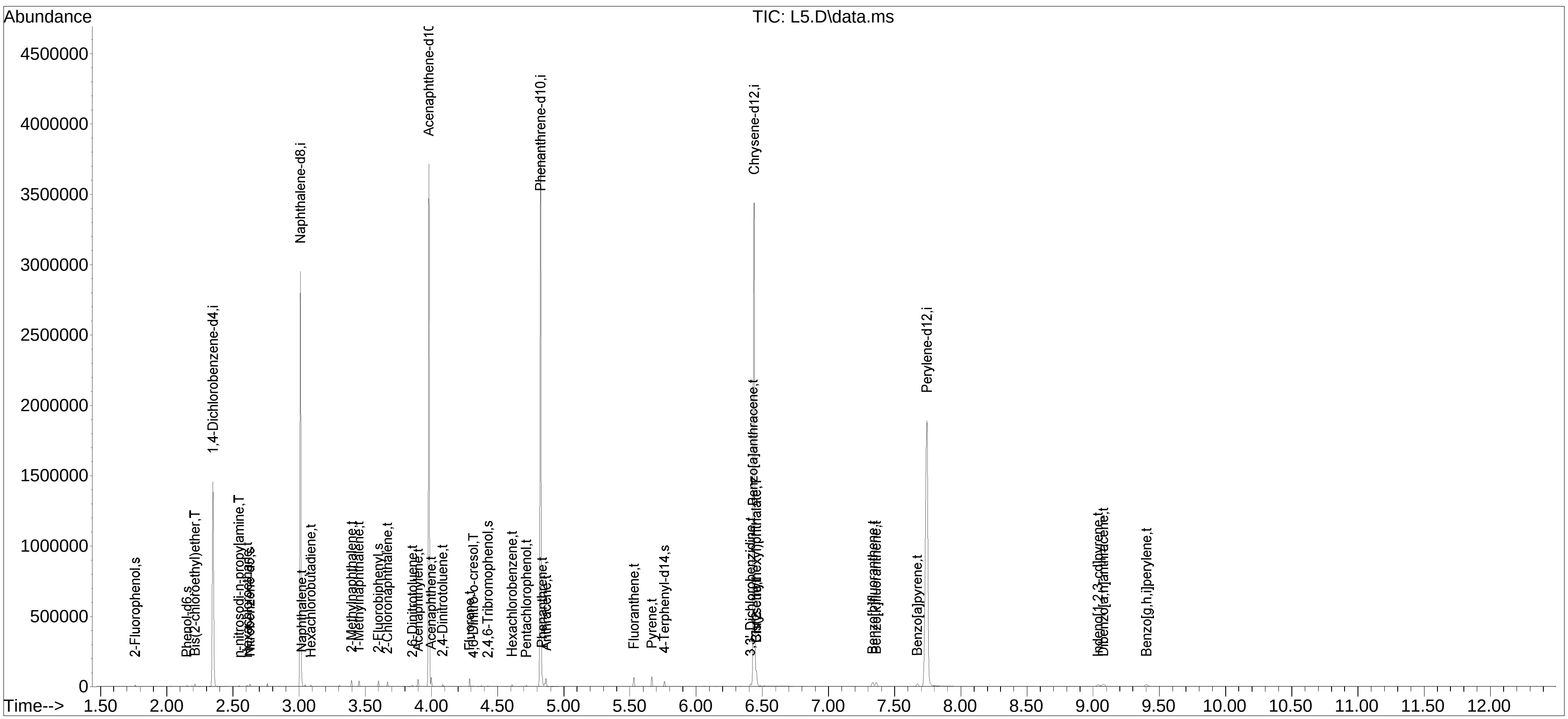
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L5.D
Acq On   : 29 Dec 2024 03:01 pm
Operator : sv119:jjw
Sample   : IL5,32,, #10891 40 ng/ml
Misc   : WG2015284,,ical
ALS Vial : 6   Sample Multiplier: 1

Quant Time: Dec 31 16:07:30 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:39 2024
Response via : Initial Calibration

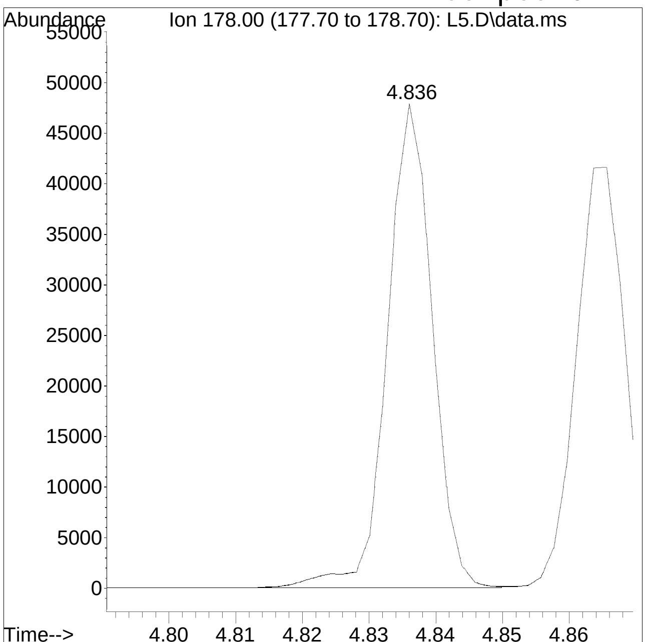
Sub List   : Default - All compounds listedical\L8.D•

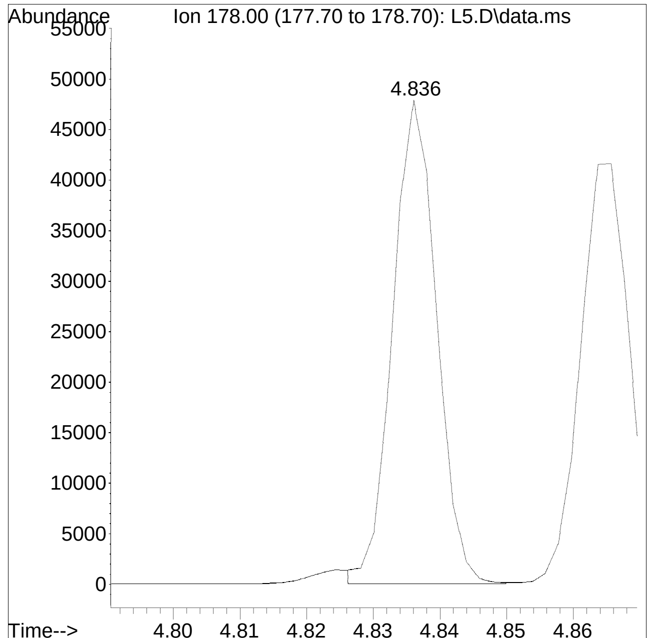


Manual Integration Report

Data Path	: I:\8270SIM\sv119\241229RVTQ	Method	: SIM-RVT_241229_sv119.M
Data File	: L5.D	Operator	: sv119:jjw
Date Inj'd	: 12/29/2024 3:01 pm	Instrument	: SV119
Sample	: IL5,32,, #10891 40 ng/ml	Quant Date	: 12/31/2024 4:08 pm

Compound #26: Phenanthrene





Original Peak Response = 22403 Manual Peak Response = 21799 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L4.D
Acq On : 29 Dec 2024 03:18 pm
Operator : sv119:jjw
Sample : IL4,32,, #10892 10 ng/ml
Misc : WG2015284,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 31 16:07:24 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:34 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.347	152	370999	4000.000 ng/ml	0.00
Standard Area 1 = 305578			Recovery	= 121.41%	
8) Naphthalene-d8	3.011	136	1351451	4000.000 ng/ml	0.00
Standard Area 1 = 1146492			Recovery	= 117.88%	
17) Acenaphthene-d10	3.983	164	838484	4000.000 ng/ml	0.00
Standard Area 1 = 714823			Recovery	= 117.30%	
22) Phenanthrene-d10	4.825	188	1741192	4000.000 ng/ml	0.00
Standard Area 1 = 1521053			Recovery	= 114.47%	
31) Chrysene-d12	6.437	240	1850107	4000.000 ng/ml	0.00
Standard Area 1 = 1553026			Recovery	= 119.13%	
36) Perylene-d12	7.743	264	1793742	4000.000 ng/ml	0.00
Standard Area 1 = 1562574			Recovery	= 114.79%	
System Monitoring Compounds					
2) 2-Fluorophenol	1.761	112	974	9.798 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.49%#	
3) Phenol-d6	2.152	99	1209	9.745 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.49%#	
7) Nitrobenzene-d5	2.628	82	1197	9.949 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.99%#	
13) 2-Fluorobiphenyl	3.602	172	3346	10.153 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 1.02%#	
21) 2,4,6-Tribromophenol	4.425	330	305	8.334 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.42%#	
30) 4-Terphenyl-d14	5.759	244	4386	10.154 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 1.02%#	

Target Compounds					Qvalue
4) Bis(2-chloroethyl)ether	2.213	93	1174	10.252 ng/ml#	79
5) n-nitrosodi-n-propylamine	2.547	70	773	10.072 ng/ml	99
6) Hexachloroethane	2.608	117	484	10.065 ng/ml	92
9) Naphthalene	3.020	128	3813	10.116 ng/ml	99
10) Hexachlorobutadiene	3.091	225	683	10.297 ng/ml	99
11) 2-Methylnaphthalene	3.398	142	2645	10.042 ng/ml	98
12) 1-Methylnaphthalene	3.453	142	2455	10.123 ng/ml	97
14) 2-Chloronaphthalene	3.669	162	2786	10.241 ng/ml	97
15) 2,6-Dinitrotoluene	3.856	165	657	9.800 ng/ml	91
16) Acenaphthylene	3.901	152	4223	10.024 ng/ml	99
18) Acenaphthene	3.999	153	2795	9.995 ng/ml	91

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L4.D
Acq On : 29 Dec 2024 03:18 pm
Operator : sv119:jjw
Sample : IL4,32,, #10892 10 ng/ml
Misc : WG2015284,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 31 16:07:24 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:34 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.085	165	725	8.150 ng/ml#	85
20) Fluorene	4.291	166	3148	9.798 ng/ml	95
23) 4,6-Dinitro-o-cresol	4.317	198	263	31.874 ng/ml	99
24) Hexachlorobenzene	4.608	284	1045	10.182 ng/ml	90
25) Pentachlorophenol	4.718	266	1018	12.918 ng/ml	95
26) Phenanthrene	4.837	178	5063	9.945 ng/ml	98
27) Anthracene	4.864	178	5037	9.868 ng/ml	99
28) Fluoranthene	5.528	202	6189	9.717 ng/ml	98
29) Pyrene	5.663	202	6449	9.809 ng/ml	99
32) Benzo[a]anthracene	6.432	228	11427	9.770 ng/ml#	89
33) 3,3'-Dichlorobenzidine	6.410	252	1506	33.333 ng/ml	99
34) Chrysene	6.453	228	6339	9.951 ng/ml	98
35) Bis(2-ethylhexyl)phtha...	6.454	149	2705	8.185 ng/ml	100
37) Benzo[b]fluoranthene	7.331	252	5732	9.642 ng/ml	98
38) Benzo[k]fluoranthene	7.360	252	5454	9.303 ng/ml	98
39) Benzo[a]pyrene	7.669	252	4705	9.327 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.035	276	4520	9.256 ng/ml	95
41) Dibenzo[a,h]anthracene	9.078	278	4132	9.121 ng/ml	93
42) Benzo[g,h,i]perylene	9.402	276	4376	9.415 ng/ml	93

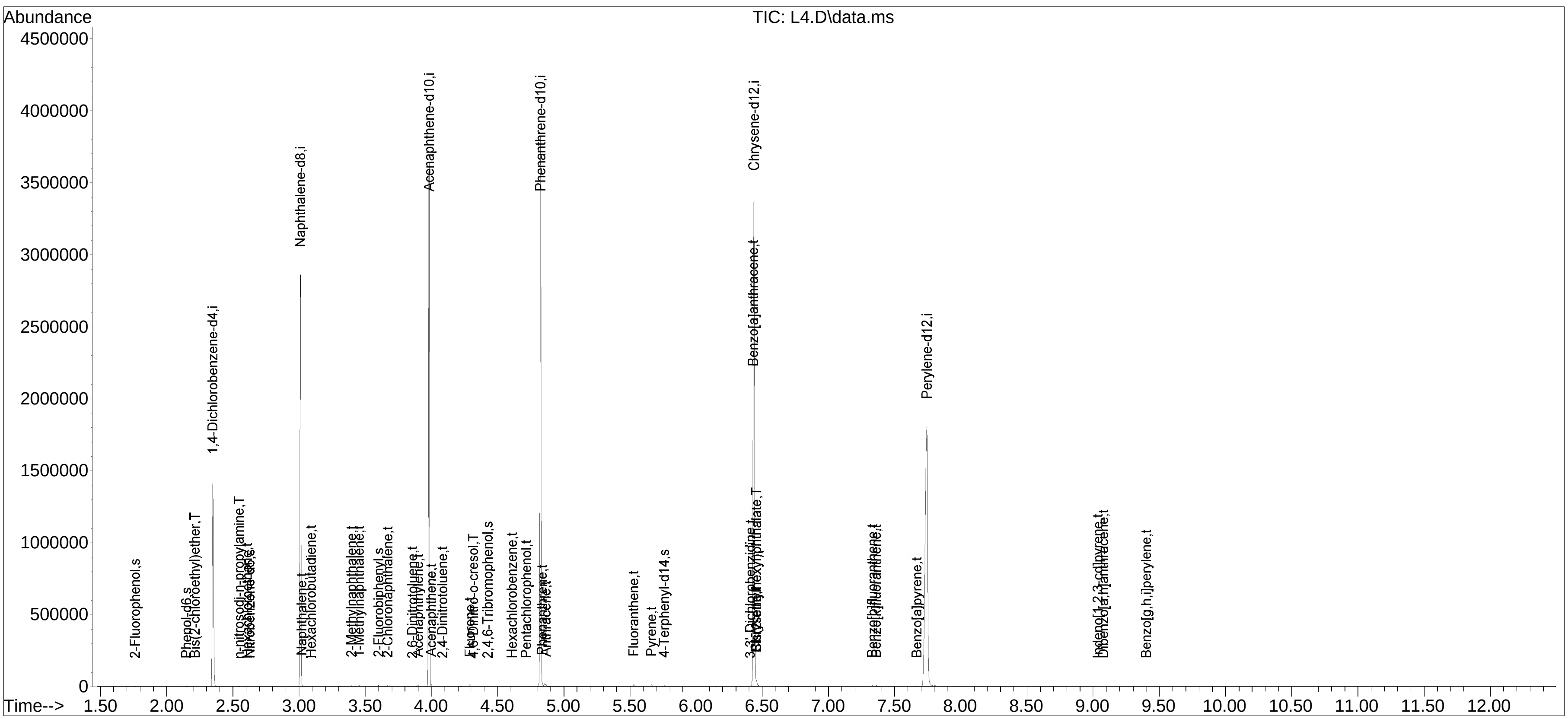
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L4.D
Acq On : 29 Dec 2024 03:18 pm
Operator : sv119:jjw
Sample : IL4,32,, #10892 10 ng/ml
Misc : WG2015284,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 31 16:07:24 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:34 2024
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•



Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : L4.D                        Operator    : sv119:jjw
Date Inj'd  : 12/29/2024  3:18 pm         Instrument  : SV119
Sample      : IL4,32,, #10892 10 ng/ml  Quant Date  : 12/31/2024  4:08 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L3.D
Acq On : 29 Dec 2024 03:35 pm
Operator : sv119:jjw
Sample : IL3,32,, #10893 5 ng/ml
Misc : WG2015284,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 31 16:10:32 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:29 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.349	152	381992	4000.000 ng/ml	0.00
Standard Area 1 = 305578			Recovery	= 125.01%	
8) Naphthalene-d8	3.010	136	1374019	4000.000 ng/ml	0.00
Standard Area 1 = 1146492			Recovery	= 119.85%	
17) Acenaphthene-d10	3.982	164	845214	4000.000 ng/ml	0.00
Standard Area 1 = 714823			Recovery	= 118.24%	
22) Phenanthrene-d10	4.824	188	1771374	4000.000 ng/ml	0.00
Standard Area 1 = 1521053			Recovery	= 116.46%	
31) Chrysene-d12	6.438	240	1918872	4000.000 ng/ml	0.00
Standard Area 1 = 1553026			Recovery	= 123.56%	
36) Perylene-d12	7.741	264	1850785	4000.000 ng/ml	0.00
Standard Area 1 = 1562574			Recovery	= 118.44%	
System Monitoring Compounds					
2) 2-Fluorophenol	1.762	112	501	4.895 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.24%#	
3) Phenol-d6	2.153	99	617	4.830 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.24%#	
7) Nitrobenzene-d5	2.629	82	636	5.134 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.51%#	
13) 2-Fluorobiphenyl	3.601	172	1692	5.050 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.51%#	
21) 2,4,6-Tribromophenol	4.426	330	165	4.473 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.22%#	
30) 4-Terphenyl-d14	5.758	244	2294	5.220 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.52%#	
Target Compounds					Qvalue
4) Bis(2-chloroethyl)ether	2.212	93	624	5.292 ng/ml	85
5) n-nitrosodi-n-propylamine	2.548	70	386	4.885 ng/ml	100
6) Hexachloroethane	2.610	117	245	4.948 ng/ml	92
9) Naphthalene	3.021	128	1938	5.057 ng/ml	97
10) Hexachlorobutadiene	3.090	225	353	5.234 ng/ml	98
11) 2-Methylnaphthalene	3.398	142	1337	4.993 ng/ml	96
12) 1-Methylnaphthalene	3.454	142	1237	5.017 ng/ml	97
14) 2-Chloronaphthalene	3.668	162	1396	5.047 ng/ml	97
15) 2,6-Dinitrotoluene	3.857	165	353	5.179 ng/ml	95
16) Acenaphthylene	3.900	152	2146	5.010 ng/ml	99
18) Acenaphthene	4.000	153	1432	5.080 ng/ml	91

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L3.D
Acq On : 29 Dec 2024 03:35 pm
Operator : sv119:jjw
Sample : IL3,32,, #10893 5 ng/ml
Misc : WG2015284,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 31 16:10:32 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:29 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.084	165	370	4.126	ng/ml#	86
20) Fluorene	4.290	166	1579	4.875	ng/ml	93
23) 4,6-Dinitro-o-cresol	4.319	198	103M7	29.122	ng/ml	
24) Hexachlorobenzene	4.607	284	528	5.057	ng/ml	92
25) Pentachlorophenol	4.718	266	755	7.237	ng/ml	98
26) Phenanthrene	4.836	178	2595M7	5.010	ng/ml	
27) Anthracene	4.864	178	2580	4.968	ng/ml	99
28) Fluoranthene	5.527	202	3205	4.946	ng/ml	96
29) Pyrene	5.664	202	3335	4.986	ng/ml	100
32) Benzo[a]anthracene	6.436	228	8508	4.812	ng/ml#	84
33) 3,3'-Dichlorobenzidine	6.410	252	822	30.347	ng/ml	98
34) Chrysene	6.454	228	3307	5.005	ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.454	149	1563	4.560	ng/ml	96
37) Benzo[b]fluoranthene	7.332	252	3017	4.919	ng/ml	97
38) Benzo[k]fluoranthene	7.358	252	2800	4.629	ng/ml	98
39) Benzo[a]pyrene	7.667	252	2428	4.665	ng/ml	98
40) Indeno[1,2,3-cd]pyrene	9.037	276	2345	4.654	ng/ml	93
41) Dibenzo[a,h]anthracene	9.075	278	2106	4.505	ng/ml#	91
42) Benzo[g,h,i]perylene	9.400	276	2235	4.660	ng/ml	94

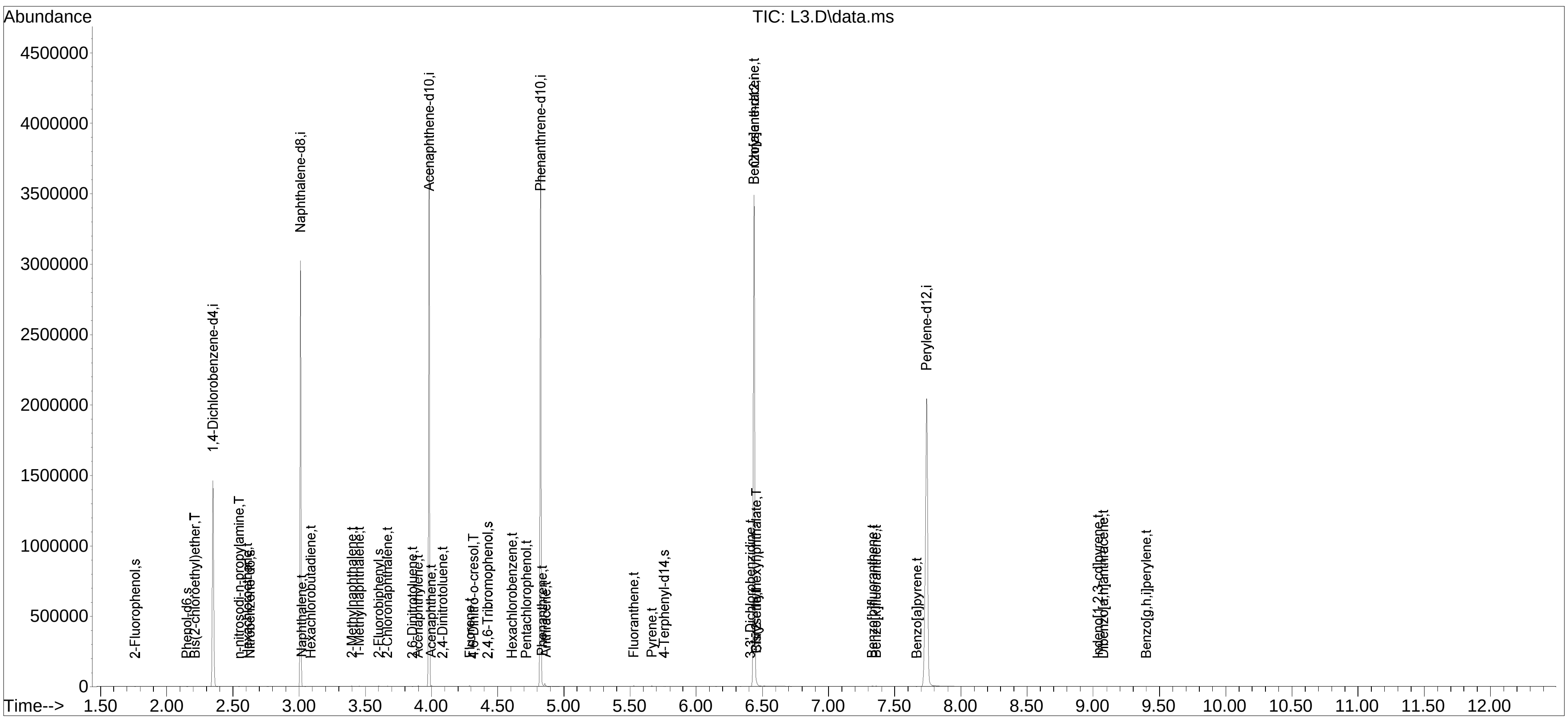
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L3.D
Acq On : 29 Dec 2024 03:35 pm
Operator : sv119:jjw
Sample : IL3,32,, #10893 5 ng/ml
Misc : WG2015284,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 31 16:10:32 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:29 2024
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•

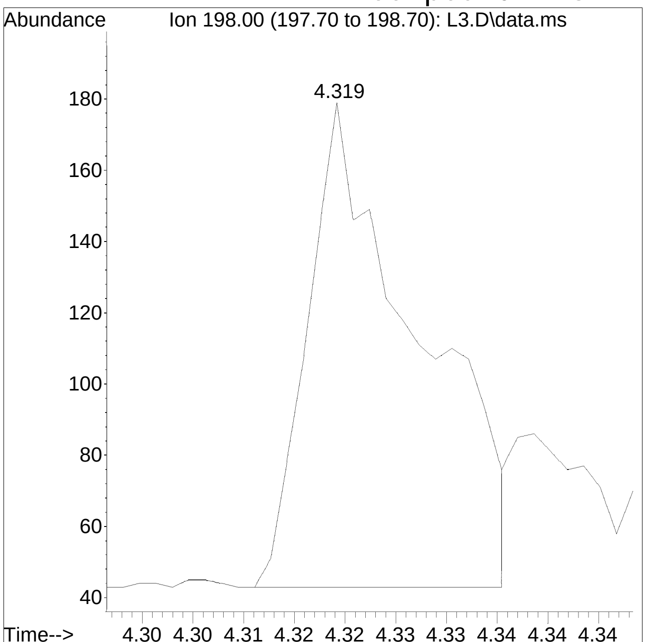


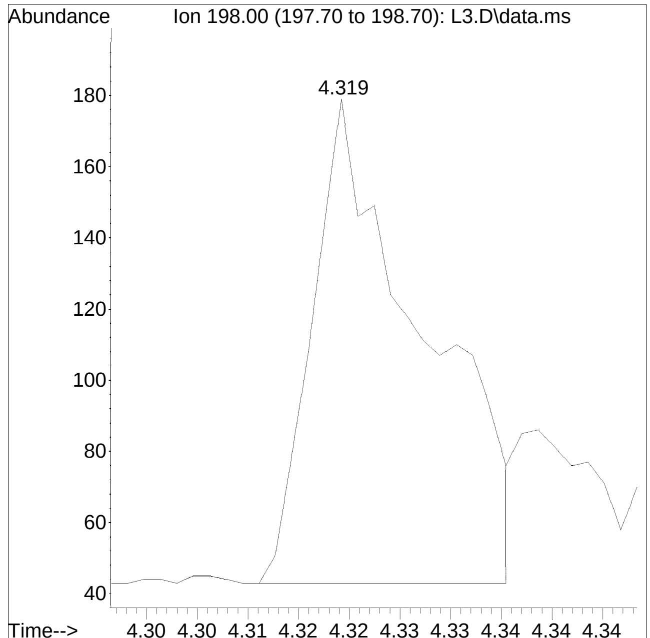
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L3.D
Date Inj'd : 12/29/2024 3:35 pm
Sample : IL3,32,, #10893 5 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:08 pm

Compound #23: 4,6-Dinitro-o-cresol





Original Peak Response = 103

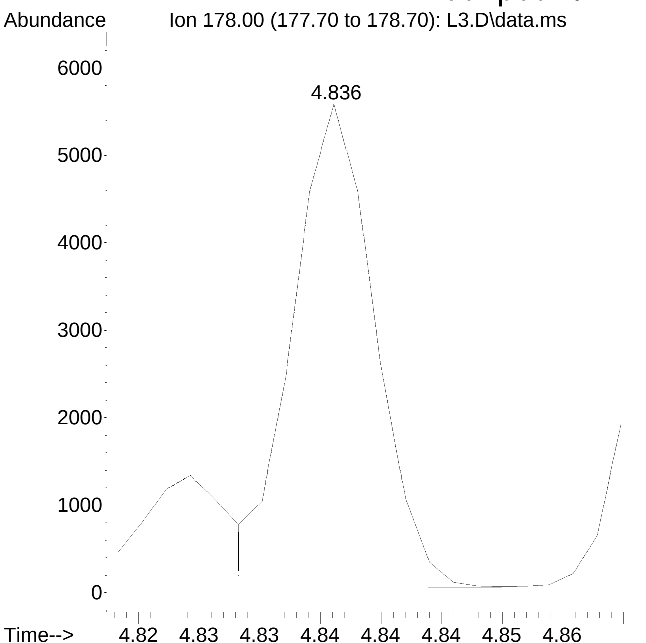
Manual Peak Response = 103 M7

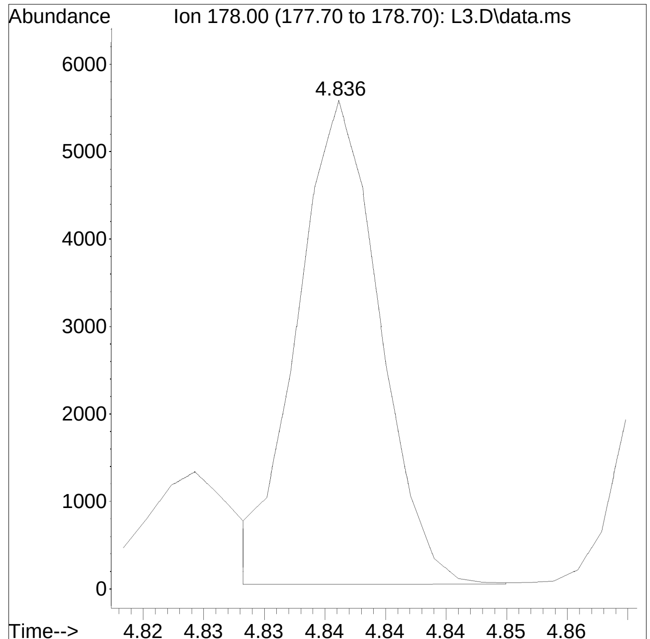
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQMethod : SIM-RVT_241229_sv119.M
Data File : L3.D Operator : sv119:jjw
Date Inj'd : 12/29/2024 3:35 pm Instrument : SV119
Sample : IL3,32,, #10893 5 ng/ml Quant Date : 12/31/2024 4:08 pm

Compound #26: Phenanthrene





Original Peak Response = 2595 Manual Peak Response = 2595 M7
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L2.D
Acq On : 29 Dec 2024 03:52 pm
Operator : sv119:jjw
Sample : IL2,32,, #10900 2 ng/ml
Misc : WG2015284,,ical
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 31 16:10:02 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:24 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.348	152	375319	4000.000 ng/ml	0.00
Standard Area 1 = 305578			Recovery	= 122.82%	
8) Naphthalene-d8	3.010	136	1365787	4000.000 ng/ml	0.00
Standard Area 1 = 1146492			Recovery	= 119.13%	
17) Acenaphthene-d10	3.982	164	847104	4000.000 ng/ml	0.00
Standard Area 1 = 714823			Recovery	= 118.51%	
22) Phenanthrene-d10	4.824	188	1774123	4000.000 ng/ml	0.00
Standard Area 1 = 1521053			Recovery	= 116.64%	
31) Chrysene-d12	6.435	240	1906045	4000.000 ng/ml	0.00
Standard Area 1 = 1553026			Recovery	= 122.73%	
36) Perylene-d12	7.741	264	1822819	4000.000 ng/ml	0.00
Standard Area 1 = 1562574			Recovery	= 116.65%	

Compound		R.T. / Range	QIon	Response	Conc Units	Dev(Min)
System Monitoring Compounds						
2) 2-Fluorophenol		1.761	112	224	2.227 ng/ml	0.00
Spiked Amount	2000.000	Range 15 - 110		Recovery	= 0.11%#	
3) Phenol-d6		2.153	99	281	2.239 ng/ml	0.00
Spiked Amount	2000.000	Range 15 - 110		Recovery	= 0.11%#	
7) Nitrobenzene-d5		2.629	82	259	2.128 ng/ml	0.00
Spiked Amount	1000.000	Range 30 - 130		Recovery	= 0.21%#	
13) 2-Fluorobiphenyl		3.603	172	789	2.369 ng/ml	0.00
Spiked Amount	1000.000	Range 30 - 130		Recovery	= 0.24%#	
21) 2,4,6-Tribromophenol		4.428	330	84	2.272 ng/ml	0.00
Spiked Amount	2000.000	Range 15 - 110		Recovery	= 0.11%#	
30) 4-Terphenyl-d14		5.758	244	1081	2.456 ng/ml	0.00
Spiked Amount	1000.000	Range 30 - 130		Recovery	= 0.25%#	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
4) Bis(2-chloroethyl)ether	2.214	93	2762	23.841 ng/ml#	25
5) n-nitrosodi-n-propylamine	2.548	70	157M7	2.022 ng/ml	
6) Hexachloroethane	2.610	117	123	2.528 ng/ml	94
9) Naphthalene	3.021	128	960M6	2.520 ng/ml	
10) Hexachlorobutadiene	3.092	225	157	2.342 ng/ml	94
11) 2-Methylnaphthalene	3.398	142	624	2.344 ng/ml	96
12) 1-Methylnaphthalene	3.454	142	566	2.309 ng/ml	97
14) 2-Chloronaphthalene	3.669	162	643	2.339 ng/ml	95
15) 2,6-Dinitrotoluene	3.857	165	186	2.745 ng/ml	95
16) Acenaphthylene	3.902	152	1005	2.361 ng/ml	97
18) Acenaphthene	4.000	153	648	2.294 ng/ml	92

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L2.D
Acq On : 29 Dec 2024 03:52 pm
Operator : sv119:jjw
Sample : IL2,32,, #10900 2 ng/ml
Misc : WG2015284,,ical
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 31 16:10:02 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:24 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.086	165	189	2.103 ng/ml#	91
20) Fluorene	4.290	166	745	2.295 ng/ml	96
23) 4,6-Dinitro-o-cresol	4.321	198	52M7	28.267 ng/ml	
24) Hexachlorobenzene	4.609	284	256	2.448 ng/ml	90
25) Pentachlorophenol	4.720	266	642	4.929 ng/ml	100
26) Phenanthrene	4.836	178	1221M7	2.354 ng/ml	
27) Anthracene	4.866	178	1209	2.325 ng/ml	98
28) Fluoranthene	5.529	202	1514	2.333 ng/ml	99
29) Pyrene	5.664	202	1542	2.302 ng/ml	98
32) Benzo[a]anthracene	6.435	228	6756	2.282 ng/ml#	80
33) 3,3'-Dichlorobenzidine	6.410	252	432M7	28.785 ng/ml	
34) Chrysene	6.451	228	1516	2.310 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.455	149	972	2.855 ng/ml	98
37) Benzo[b]fluoranthene	7.327	252	1361	2.253 ng/ml	100
38) Benzo[k]fluoranthene	7.360	252	1313	2.204 ng/ml	96
39) Benzo[a]pyrene	7.667	252	1113	2.171 ng/ml	97
40) Indeno[1,2,3-cd]pyrene	9.034	276	1066	2.148 ng/ml	93
41) Dibenzo[a,h]anthracene	9.079	278	936	2.033 ng/ml	96
42) Benzo[g,h,i]perylene	9.402	276	1010	2.138 ng/ml	96

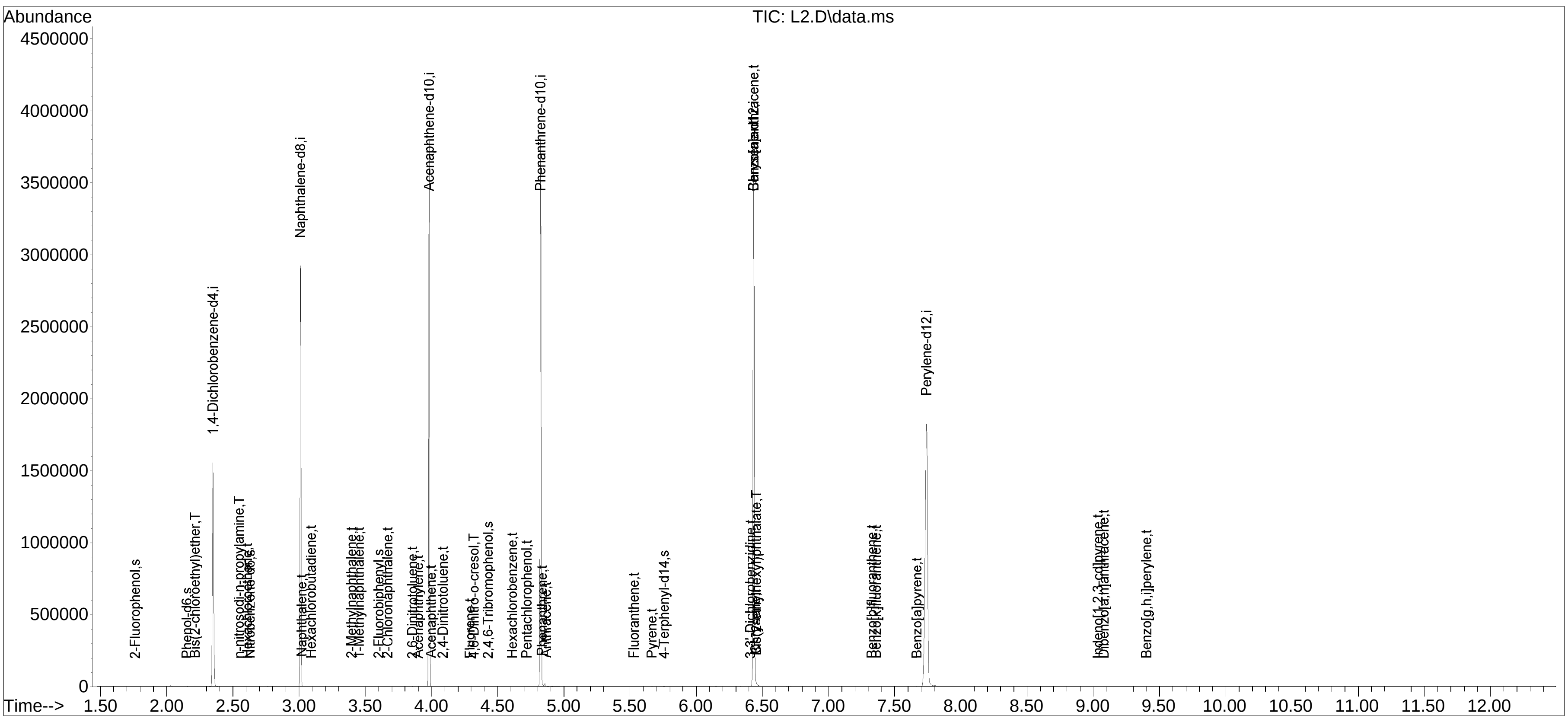
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L2.D
Acq On   : 29 Dec 2024 03:52 pm
Operator : sv119:jjw
Sample   : IL2,32,, #10900 2 ng/ml
Misc   : WG2015284,,ical
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Dec 31 16:10:02 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:24 2024
Response via : Initial Calibration

Sub List   : Default - All compounds listedical\L8.D•

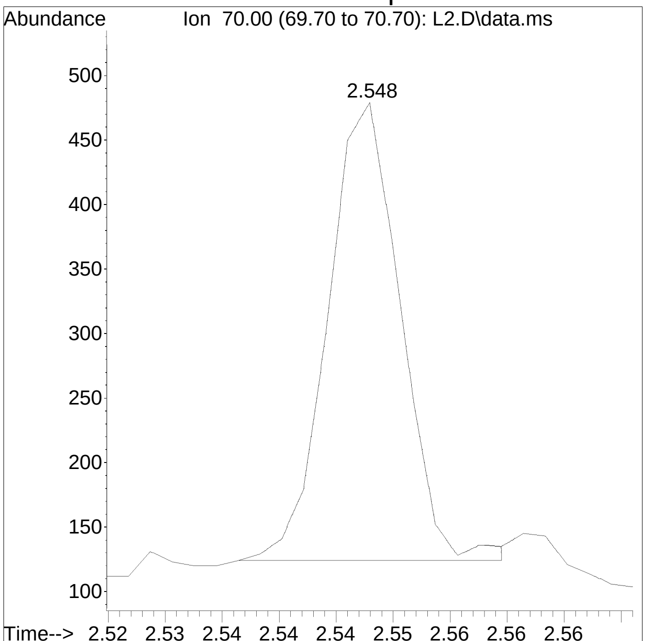


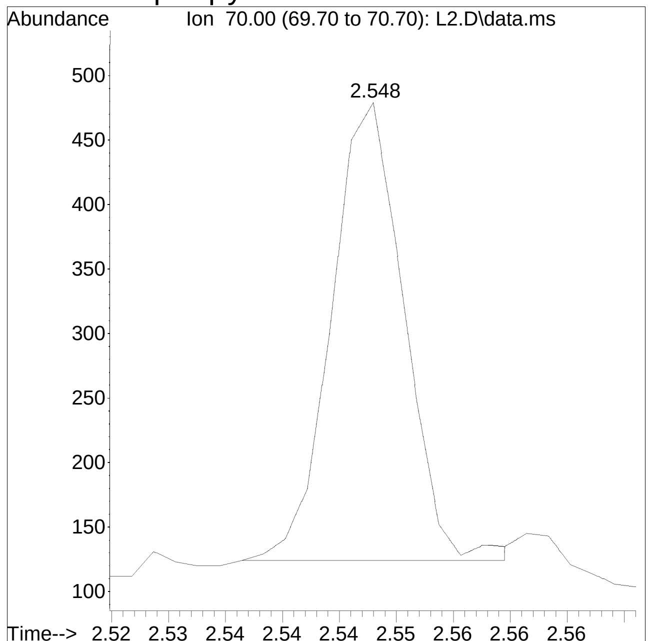
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L2.D
Date Inj'd : 12/29/2024 3:52 pm
Sample : IL2,32,, #10900 2 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:08 pm

Compound #5: n-nitrosodi-n-propylamine





Original Peak Response = 157

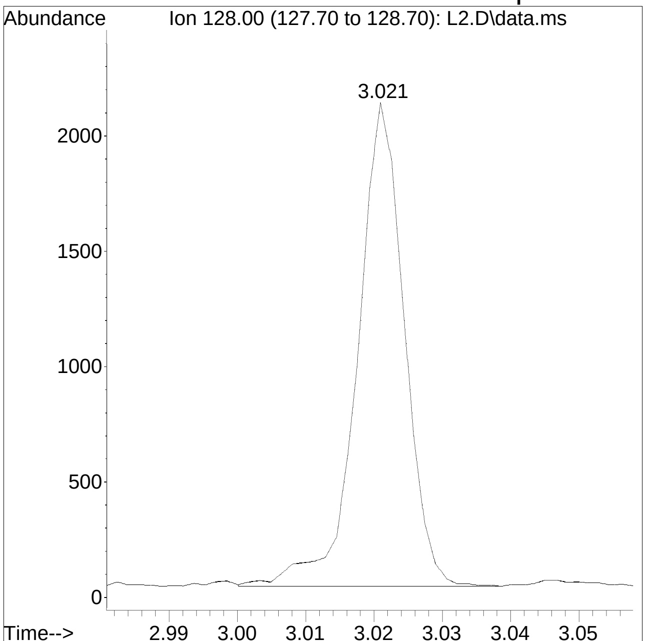
Manual Peak Response = 157 M7

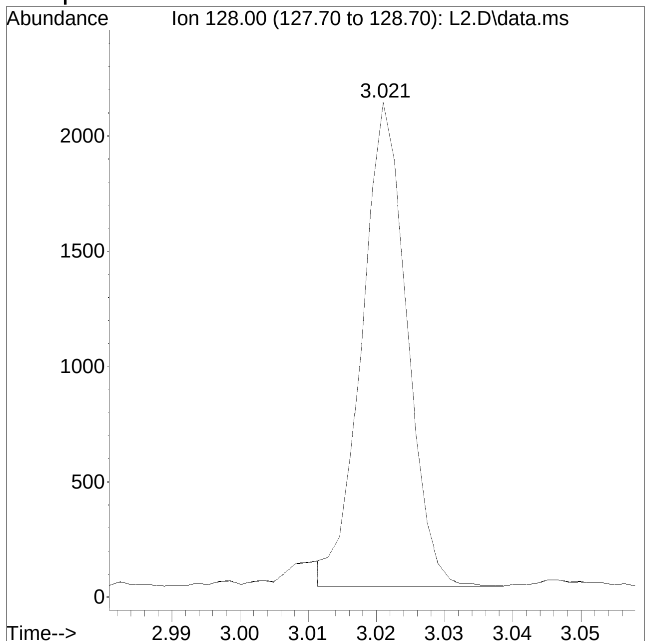
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\241229RVTQMethod      : SIM-RVT_241229_sv119.M
Data File    : L2.D                         Operator     : sv119:jjw
Date Inj'd   : 12/29/2024  3:52 pm          Instrument   : SV119
Sample       : IL2,32,, #10900 2 ng/ml      Quant Date   : 12/31/2024  4:08 pm
```

Compound #9: Naphthalene





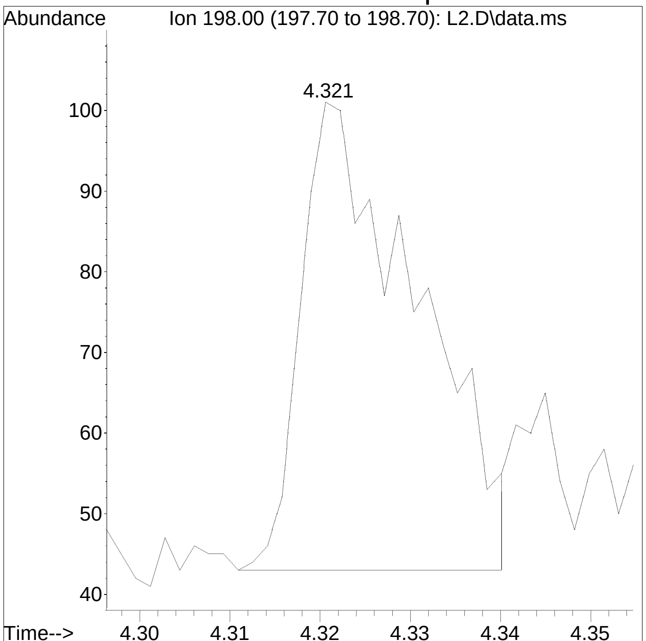
Original Peak Response = 1000   Manual Peak Response = 960 M6

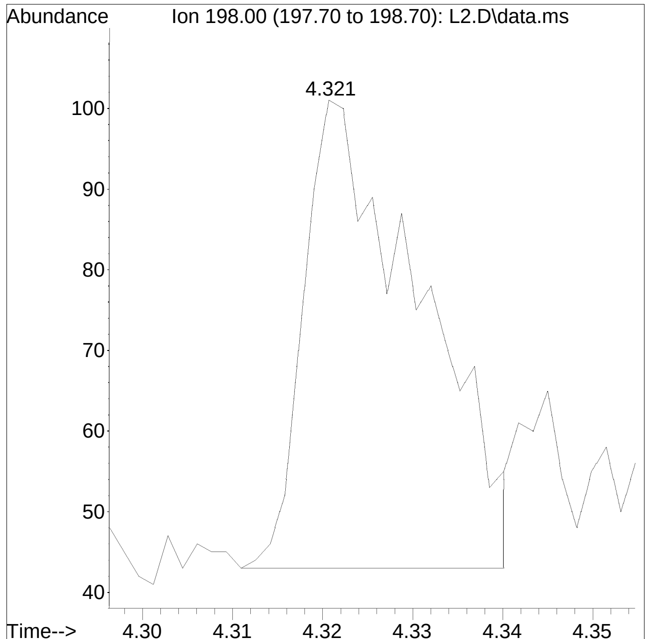
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File    : L2.D                        Operator    : sv119:jjw
Date Inj'd   : 12/29/2024  3:52 pm         Instrument  : SV119
Sample       : IL2,32,, #10900 2 ng/ml     Quant Date  : 12/31/2024  4:08 pm
```

Compound #23: 4,6-Dinitro-o-cresol





Original Peak Response = 52   Manual Peak Response = 52 M7

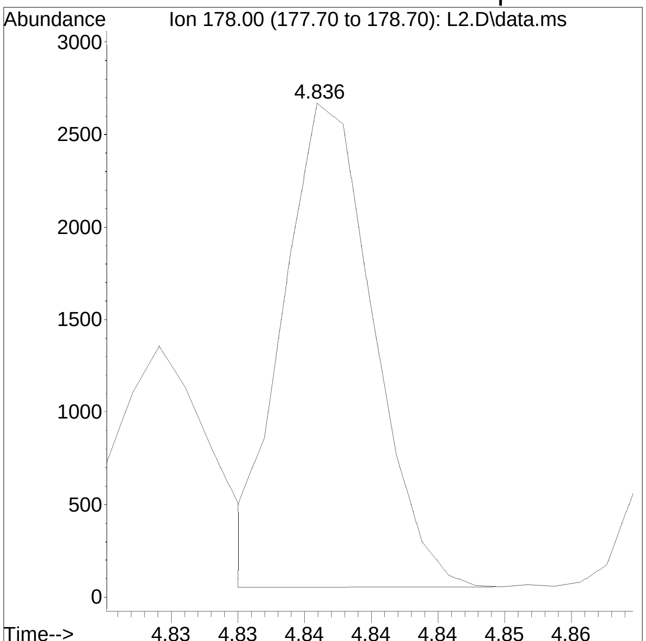
M7 = A qualifier ion was manually integrated (only for GC/MS data).

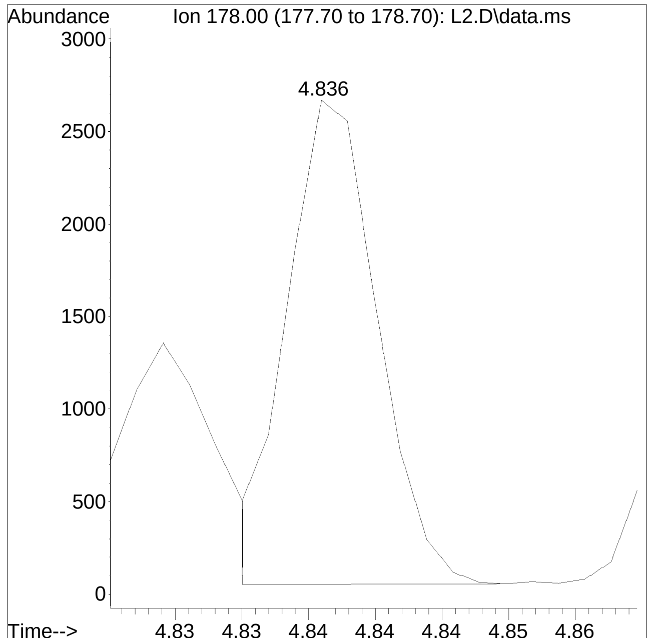
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L2.D
Date Inj'd : 12/29/2024 3:52 pm
Sample : IL2,32,, #10900 2 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:08 pm

Compound #26: Phenanthrene





Original Peak Response = 1221

Manual Peak Response = 1221 M7

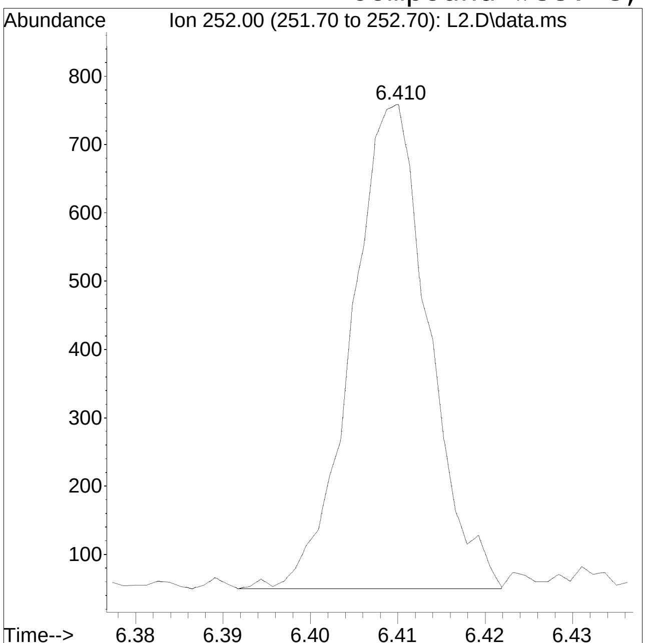
M7 = A qualifier ion was manually integrated (only for GC/MS data).

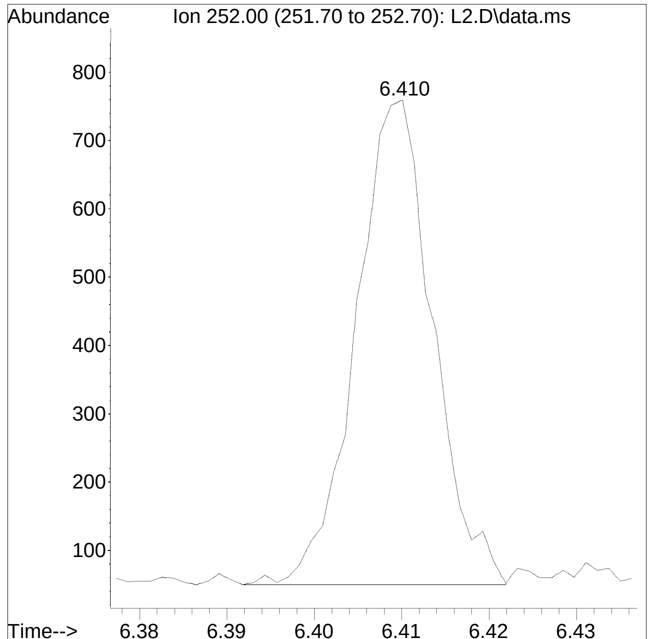
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L2.D
Date Inj'd : 12/29/2024 3:52 pm
Sample : IL2,32,, #10900 2 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:08 pm

Compound #33: 3,3'-Dichlorobenzidine





Original Peak Response = 432
Manual Peak Response = 432 M7

M7 = A qualifier ion was manually integrated (only for GC/MS data).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L1.D
Acq On : 29 Dec 2024 04:09 pm
Operator : sv119:jjw
Sample : IL1,32,, #10895 1 ng/ml
Misc : WG2015284,,ical
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 31 16:09:17 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:45 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.350	152	366307	4000.000 ng/ml	0.00
Standard Area 1 = 305578			Recovery	= 119.87%	
8) Naphthalene-d8	3.010	136	1329353	4000.000 ng/ml	0.00
Standard Area 1 = 1146492			Recovery	= 115.95%	
17) Acenaphthene-d10	3.983	164	822777	4000.000 ng/ml	0.00
Standard Area 1 = 714823			Recovery	= 115.10%	
22) Phenanthrene-d10	4.825	188	1715899	4000.000 ng/ml	0.00
Standard Area 1 = 1521053			Recovery	= 112.81%	
31) Chrysene-d12	6.435	240	1842638	4000.000 ng/ml	0.00
Standard Area 1 = 1553026			Recovery	= 118.65%	
36) Perylene-d12	7.742	264	1784873	4000.000 ng/ml	0.00
Standard Area 1 = 1562574			Recovery	= 114.23%	
System Monitoring Compounds					
2) 2-Fluorophenol	1.762	112	107	1.090 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.05%#	
3) Phenol-d6	2.155	99	122	0.996 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.05%#	
7) Nitrobenzene-d5	2.628	82	144	1.212 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.12%#	
13) 2-Fluorobiphenyl	3.601	172	345	1.064 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.11%#	
21) 2,4,6-Tribromophenol	4.427	330	45M7	1.253 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.06%#	
30) 4-Terphenyl-d14	5.758	244	522	1.226 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.12%#	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
4) Bis(2-chloroethyl)ether	2.213	93	160	1.415 ng/ml	100
5) n-nitrosodi-n-propylamine	2.549	70	84M7	1.109 ng/ml	
6) Hexachloroethane	2.610	117	56	1.179 ng/ml	92
9) Naphthalene	3.021	128	400M6	1.079 ng/ml	
10) Hexachlorobutadiene	3.092	225	68	1.042 ng/ml	88
11) 2-Methylnaphthalene	3.399	142	277	1.069 ng/ml	98
12) 1-Methylnaphthalene	3.454	142	255	1.069 ng/ml	98
14) 2-Chloronaphthalene	3.668	162	293	1.095 ng/ml	97
15) 2,6-Dinitrotoluene	3.855	165	122M4	1.850 ng/ml	
16) Acenaphthylene	3.902	152	432	1.042 ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L1.D
Acq On : 29 Dec 2024 04:09 pm
Operator : sv119:jjw
Sample : IL1,32,, #10895 1 ng/ml
Misc : WG2015284,,ical
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 31 16:09:17 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:45 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
18) Acenaphthene	3.998	153	290	1.057 ng/ml	92
19) 2,4-Dinitrotoluene	4.086	165	81	0.928 ng/ml#	87
20) Fluorene	4.290	166	327	1.037 ng/ml	91
23) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
24) Hexachlorobenzene	4.609	284	111	1.097 ng/ml	100
25) Pentachlorophenol	4.720	266	588	4.240 ng/ml	97
26) Phenanthrene	4.838	178	555M7	1.106 ng/ml	
27) Anthracene	4.866	178	547	1.087 ng/ml	100
28) Fluoranthene	5.528	202	682	1.087 ng/ml	97
29) Pyrene	5.665	202	695	1.073 ng/ml	94
32) Benzo[a]anthracene	6.435	228	5699	0.997 ng/ml#	78
33) 3,3'-Dichlorobenzidine	6.409	252	238M7	28.031 ng/ml	
34) Chrysene	6.450	228	675	1.064 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.451	149	761	2.312 ng/ml	99
37) Benzo[b]fluoranthene	7.331	252	615	1.040 ng/ml	99
38) Benzo[k]fluoranthene	7.357	252	628	1.077 ng/ml	96
39) Benzo[a]pyrene	7.666	252	512	1.020 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.037	276	488	1.004 ng/ml	93
41) Dibenzo[a,h]anthracene	9.077	278	430	0.954 ng/ml	99
42) Benzo[g,h,i]perylene	9.400	276	480	1.038 ng/ml	92

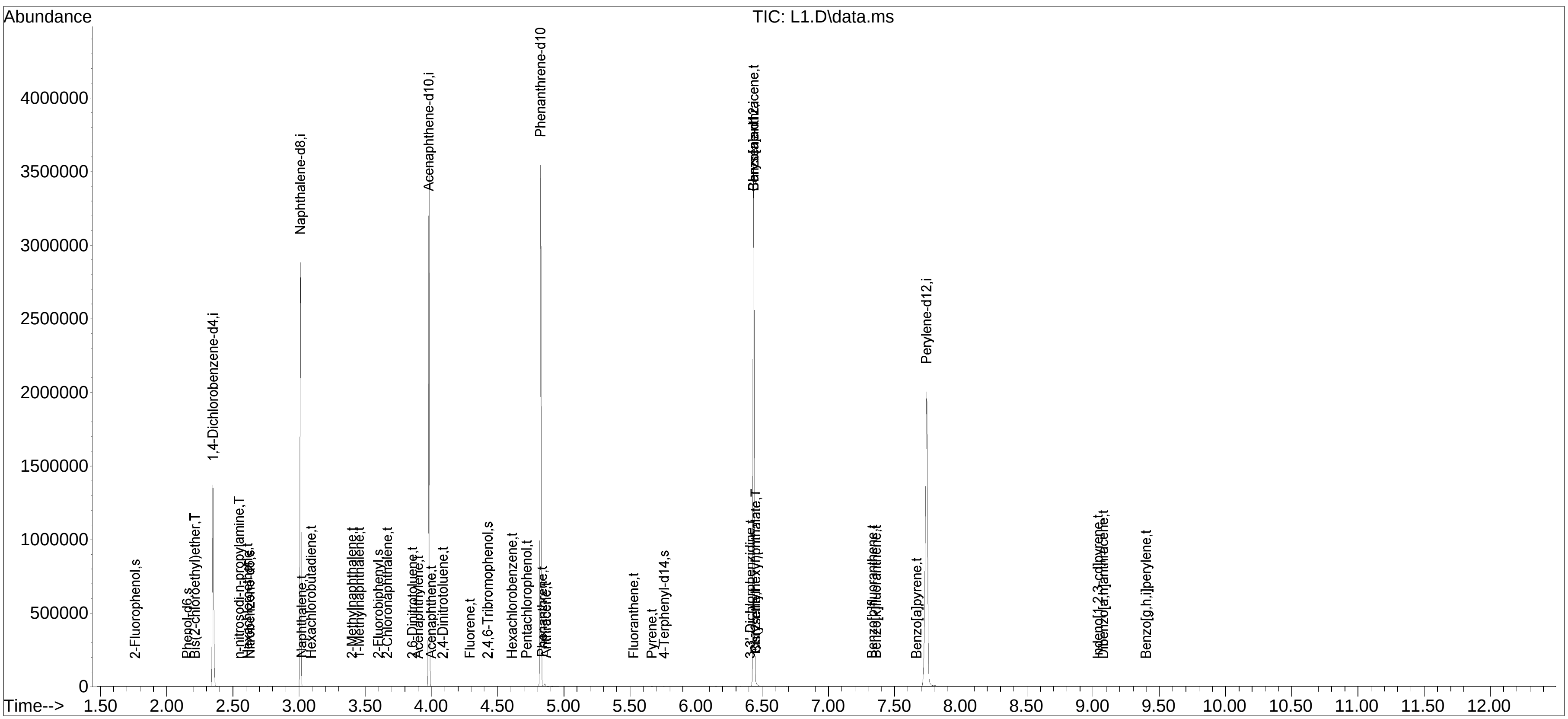
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L1.D
Acq On   : 29 Dec 2024 04:09 pm
Operator : sv119:jjw
Sample   : IL1,32,, #10895 1 ng/ml
Misc   : WG2015284,,ical
ALS Vial : 10   Sample Multiplier: 1

Quant Time: Dec 31 16:09:17 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:45 2024
Response via : Initial Calibration

Sub List   : Default - All compounds listedical\L8.D•

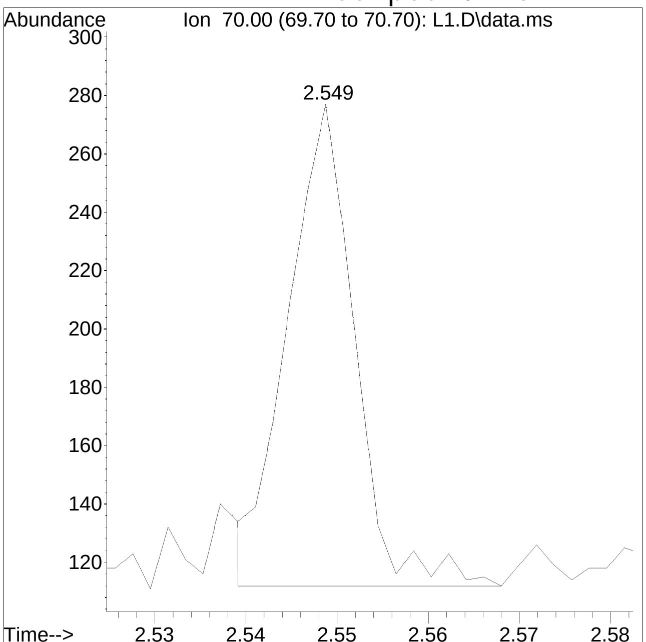


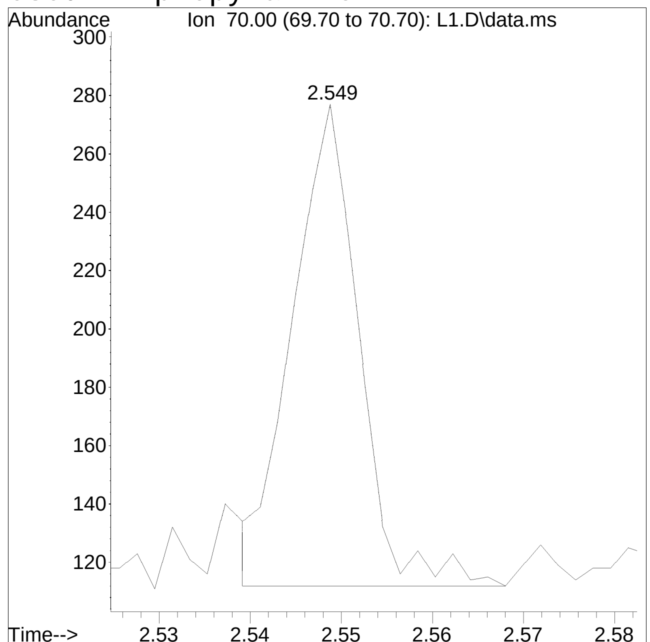
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L1.D
Date Inj'd : 12/29/2024 4:09 pm
Sample : IL1,32,, #10895 1 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:06 pm

Compound #5: n-nitrosodi-n-propylamine





Original Peak Response = 84

Manual Peak Response = 84 M7

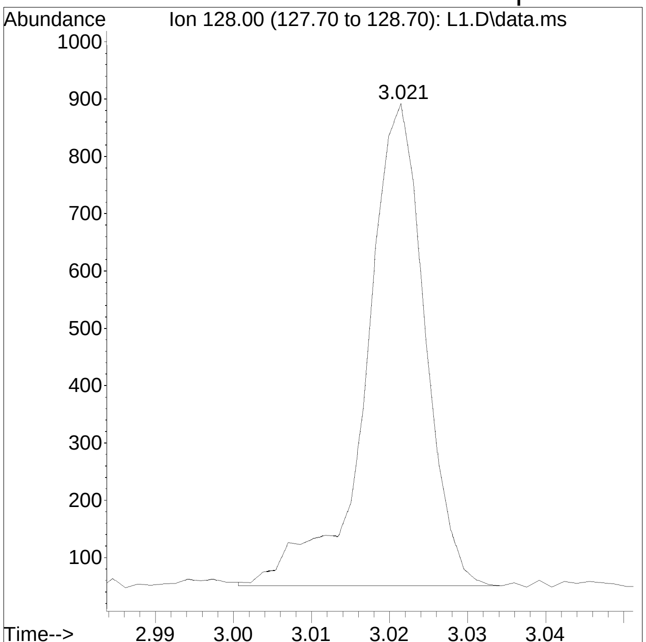
M7 = A qualifier ion was manually integrated (only for GC/MS data).

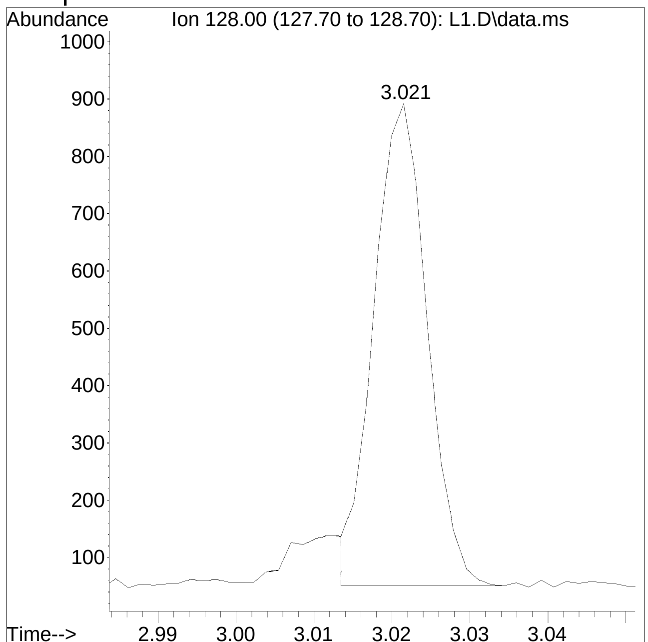
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L1.D
Date Inj'd : 12/29/2024 4:09 pm
Sample : IL1,32,, #10895 1 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:06 pm

Compound #9: Naphthalene





Original Peak Response = 444

Manual Peak Response = 400 M6

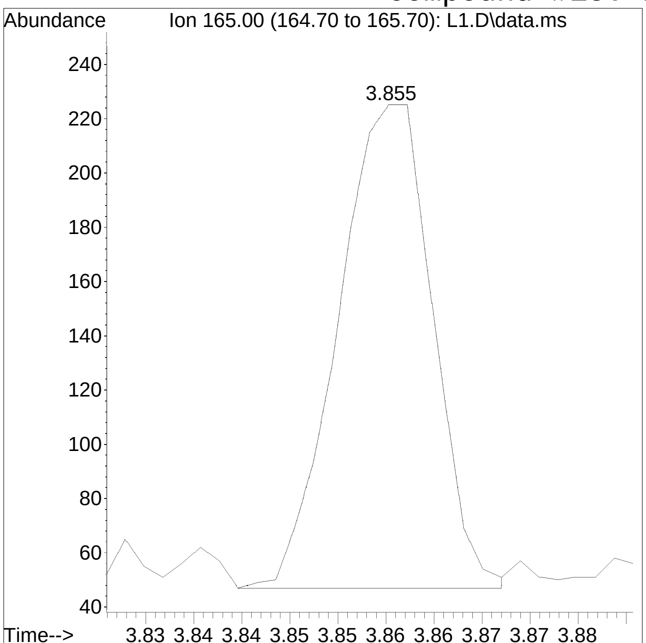
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

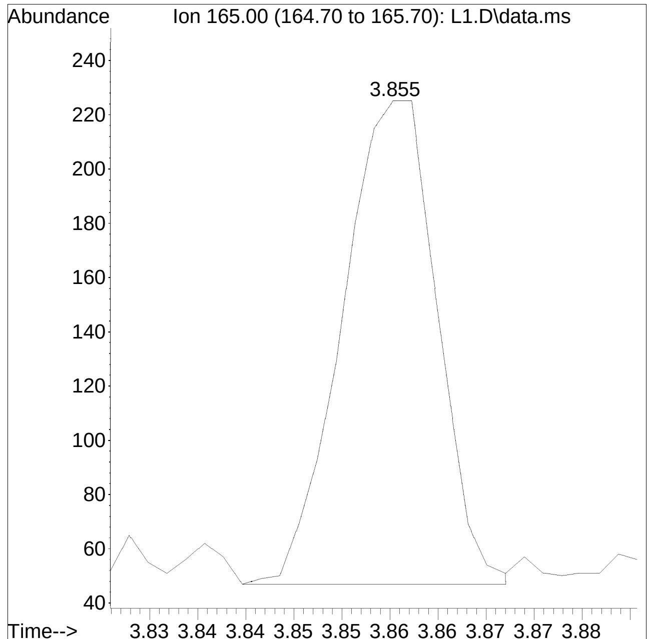
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L1.D
Date Inj'd : 12/29/2024 4:09 pm
Sample : IL1,32,, #10895 1 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:06 pm

Compound #15: 2,6-Dinitrotoluene





Original Peak Response = 122

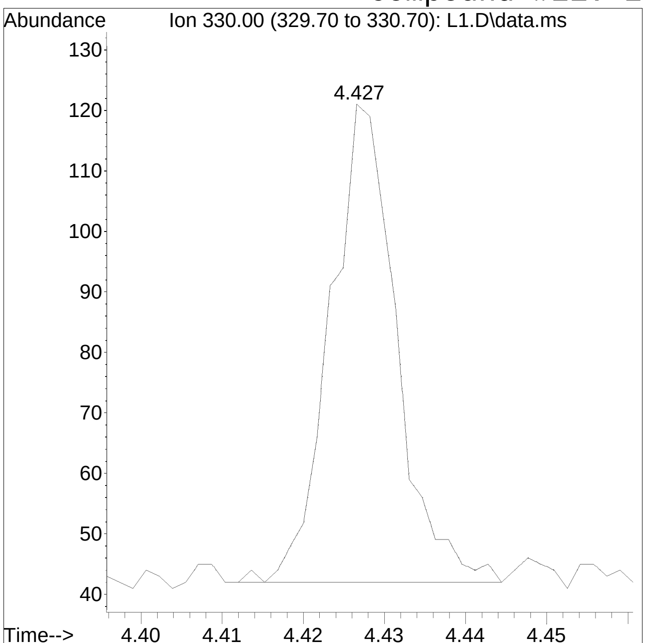
Manual Peak Response = 122 M4

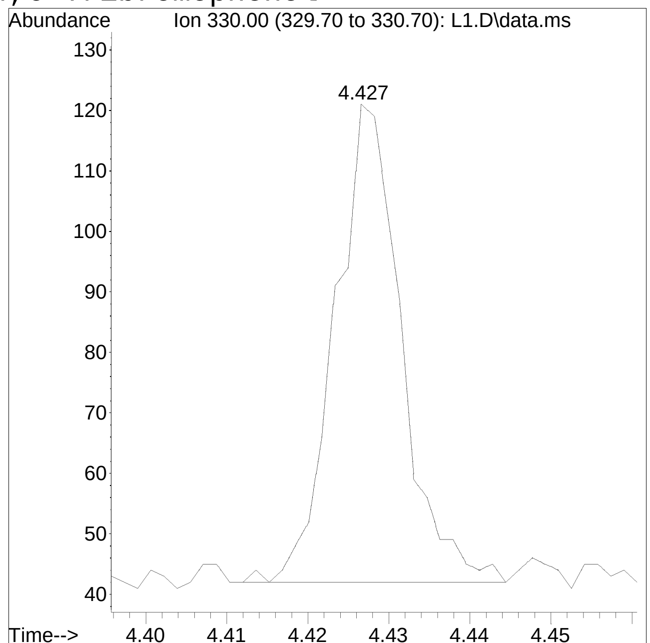
M4 = Poor automated baseline construction.

Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : L1.D                        Operator    : sv119:jjw
Date Inj'd  : 12/29/2024  4:09 pm         Instrument  : SV119
Sample      : IL1,32,, #10895 1 ng/ml     Quant Date  : 12/31/2024  4:06 pm
```

Compound #21: 2,4,6-Tribromophenol





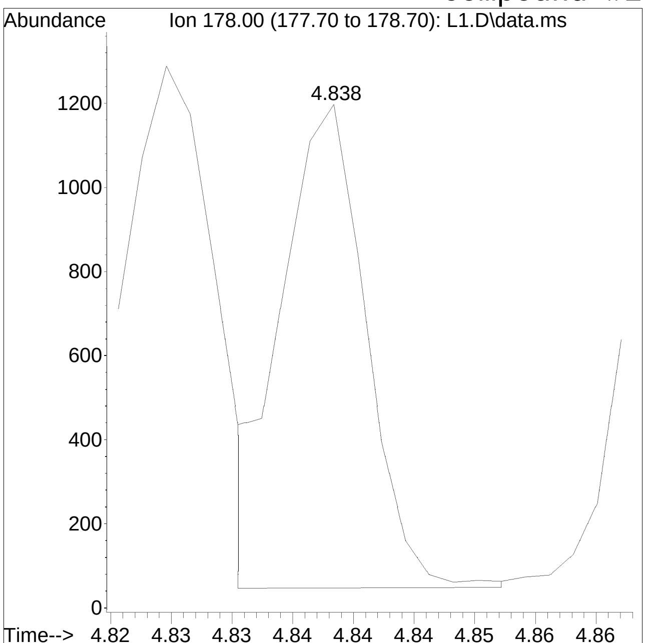
Original Peak Response = 45   Manual Peak Response = 45 M7

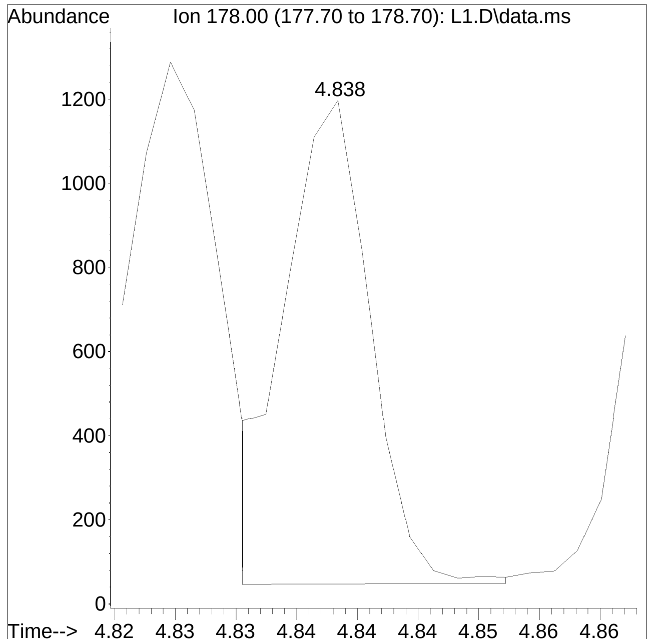
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Manual Integration Report

Data Path   : I:\8270SIM\sv119\241229RVTQMethod   : SIM-RVT_241229_sv119.M
Data File   : L1.D   Operator   : sv119:jjw
Date Inj'd : 12/29/2024 4:09 pm   Instrument : SV119
Sample   : IL1,32,, #10895 1 ng/ml   Quant Date : 12/31/2024 4:06 pm

Compound #26: Phenanthrene



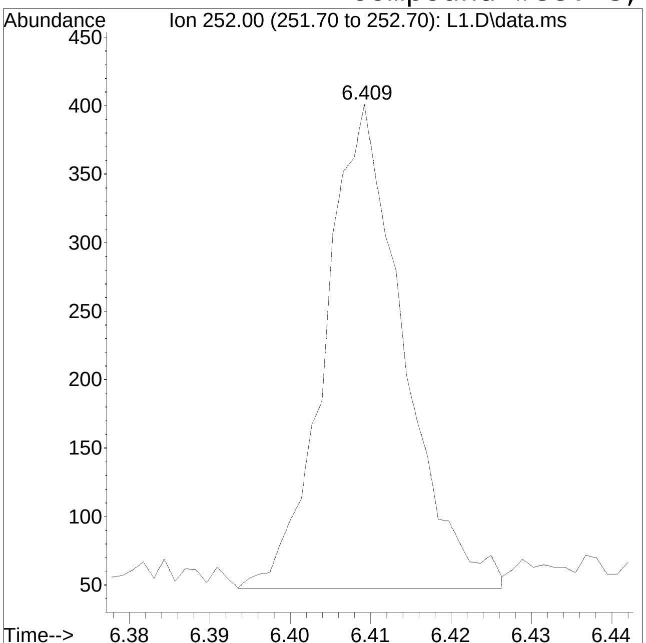


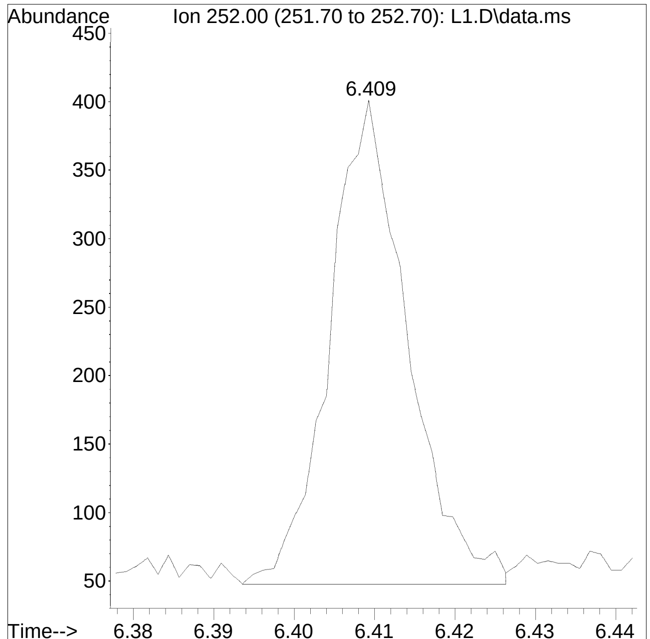
Original Peak Response = 555   Manual Peak Response = 555 M7
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : L1.D                       Operator    : sv119:jjw
Date Inj'd  : 12/29/2024  4:09 pm        Instrument  : SV119
Sample      : IL1,32,, #10895 1 ng/ml    Quant Date  : 12/31/2024  4:06 pm
```

Compound #33: 3,3'-Dichlorobenzidine





Original Peak Response = 238 Manual Peak Response = 238 M7

M7 = A qualifier ion was manually integrated (only for GC/MS data).

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : ICV.D
Acq On : 29 Dec 2024 04:26 pm
Operator : sv119:jjw
Sample : CQICV,32,, #10884 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 31 16:05:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:39 2024
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	128	0.00
2	s	2-Fluorophenol	1.072	1.202	-12.1	142	0.00
3	s	Phenol-d6	1.338	1.524	-13.9	143	0.00
4	T	Bis(2-chloroethyl)ether	1.235	1.293	-4.7	142	0.00
5	T	n-nitrosodi-n-propylamine	0.827	0.897	-8.5	137	0.00
6	t	Hexachloroethane	0.518	0.538	-3.9	138	0.00
7	s	Nitrobenzene-d5	1.297	1.422	-9.6	141	0.00
8	i	Naphthalene-d8	1.000	1.000	0.0	128	0.00
9	t	Naphthalene	1.116	1.136	-1.8	139	0.00
10	t	Hexachlorobutadiene	0.196	0.207	-5.6	141	0.00
11	t	2-Methylnaphthalene	0.780	0.836	-7.2	143	0.00
12	t	1-Methylnaphthalene	0.718	0.767	-6.8	142	0.00
13	s	2-Fluorobiphenyl	0.975	1.021	-4.7	142	0.00
14	t	2-Chloronaphthalene	0.805	0.844	-4.8	140	0.00
15	t	2,6-Dinitrotoluene	0.198	0.224	-13.1	141	0.00
16	t	Acenaphthylene	1.247	1.319	-5.8	140	0.00
17	i	Acenaphthene-d10	1.000	1.000	0.0	129	0.00
18	t	Acenaphthene	1.334	1.390	-4.2	139	0.00
19	t	2,4-Dinitrotoluene	0.424	0.496	-17.0	143	0.00
20	t	Fluorene	1.533	1.644	-7.2	139	0.00
21	s	2,4,6-Tribromophenol	0.175	0.217	-24.0#	150	0.00
22	i	Phenanthrene-d10	1.000	1.000	0.0	128	0.00
23	T	4,6-Dinitro-o-cresol	*1000.000	995.824	0.4	137	0.00
24	t	Hexachlorobenzene	0.236	0.240	-1.7	140	0.00
25	t	Pentachlorophenol	*1000.000	1104.280	-10.4	145	0.00
26	t	Phenanthrene	1.170	1.216	-3.9	140	0.00
27	t	Anthracene	1.173	1.242	-5.9	140	0.00
28	t	Fluoranthene	1.463	1.497	-2.3	137	0.00
29	t	Pyrene	1.510	1.575	-4.3	140	0.00
30	s	4-Terphenyl-d14	0.992	1.028	-3.6	137	0.00
31	i	Chrysene-d12	1.000	1.000	0.0	123	0.00
32	t	Benzo[a]anthracene	*1000.000	1090.321	-9.0	134	0.00
33	t	3,3'-Dichlorobenzidine	*1000.000	1066.308	-6.6	146	0.00
34	t	Chrysene	1.377	1.445	-4.9	134	0.00
35	T	Bis(2-ethylhexyl)phthalate	0.714	0.787	-10.2	131	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : ICV.D
Acq On : 29 Dec 2024 04:26 pm
Operator : sv119:jjw
Sample : CQICV,32,, #10884 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 31 16:05:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:39 2024
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
36	i	Perylene-d12	1.000	1.000	0.0	121	0.00
37	t	Benzo[b]fluoranthene	1.326	1.405	-6.0	128	0.00
38	t	Benzo[k]fluoranthene	1.307	1.465	-12.1	137	0.00
39	t	Benzo[a]pyrene	1.125	1.271	-13.0	133	0.00
40	t	Indeno[1,2,3-cd]pyrene	1.089	1.207	-10.8	128	0.00
41	t	Dibenzo[a,h]anthracene	1.010	1.156	-14.5	129	0.00
42	t	Benzo[g,h,i]perylene	1.036	1.146	-10.6	130	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : ICV.D
Acq On    : 29 Dec 2024  04:26 pm
Operator  : sv119:jjw
Sample    : CQICV,32,, #10884 1000 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Dec 31 16:05:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:39 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List     : Default - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.349  152    390319   4000.000 ng/ml    0.00
   Standard Area 1 = 305578                 Recovery   =  127.73%
 8) Naphthalene-d8              3.010  136   1467149   4000.000 ng/ml    0.00
   Standard Area 1 = 1146492                 Recovery   =  127.97%
17) Acenaphthene-d10            3.984  164    919354   4000.000 ng/ml    0.00
   Standard Area 1 = 714823                 Recovery   =  128.61%
22) Phenanthrene-d10            4.826  188   1939636   4000.000 ng/ml    0.00
   Standard Area 1 = 1521053                 Recovery   =  127.52%
31) Chrysene-d12                6.440  240   1902556   4000.000 ng/ml    0.00
   Standard Area 1 = 1553026                 Recovery   =  122.51%
36) Perylene-d12                7.743  264   1890967   4000.000 ng/ml    0.00
   Standard Area 1 = 1562574                 Recovery   =  121.02%

 System Monitoring Compounds
 2) 2-Fluorophenol              1.761  112    117258   1121.213 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   56.06%
 3) Phenol-d6                   2.153   99    148674   1139.002 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   56.95%
 7) Nitrobenzene-d5             2.627   82    138765   1096.287 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =  109.63%
13) 2-Fluorobiphenyl            3.603  172    374656   1047.236 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =  104.72%
21) 2,4,6-Tribromophenol        4.428  330     49773   1240.445 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   62.02%
30) 4-Terphenyl-d14             5.760  244    498657   1036.324 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =  103.63%

 Target Compounds                                                Qvalue
 4) Bis(2-chloroethyl)ether     2.212   93     126146   1047.040 ng/ml#    79
 5) n-nitrosodi-n-propylamine   2.546   70      87535   1084.108 ng/ml    100
 6) Hexachloroethane            2.608  117      52517   1038.064 ng/ml     93
 9) Naphthalene                 3.021  128     416784   1018.565 ng/ml     99
10) Hexachlorobutadiene         3.092  225      75773   1052.259 ng/ml    100
11) 2-Methylnaphthalene         3.398  142     306508   1071.912 ng/ml     98
12) 1-Methylnaphthalene         3.454  142     281151   1067.840 ng/ml     98
14) 2-Chloronaphthalene         3.670  162     309748   1048.846 ng/ml     98
15) 2,6-Dinitrotoluene          3.859  165      82208   1129.566 ng/ml#    92
16) Acenaphthylene              3.902  152     483748   1057.725 ng/ml    100
18) Acenaphthene                4.002  153     319572   1042.243 ng/ml     99
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : ICV.D
Acq On : 29 Dec 2024 04:26 pm
Operator : sv119:jjw
Sample : CQICV,32,, #10884 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 31 16:05:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:39 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.086	165	114104	1169.850 ng/ml#	92
20) Fluorene	4.292	166	377766	1072.352 ng/ml	97
23) 4,6-Dinitro-o-cresol	4.318	198	63393	995.824 ng/ml	97
24) Hexachlorobenzene	4.609	284	116516	1019.105 ng/ml	90
25) Pentachlorophenol	4.718	266	64222	1104.280 ng/ml	100
26) Phenanthrene	4.838	178	589743	1039.891 ng/ml	99
27) Anthracene	4.868	178	602433	1059.503 ng/ml	99
28) Fluoranthene	5.529	202	725789	1022.923 ng/ml	97
29) Pyrene	5.667	202	763953	1043.134 ng/ml	100
32) Benzo[a]anthracene	6.430	228	734331	1090.321 ng/ml	99
33) 3,3'-Dichlorobenzidine	6.413	252	255382	1066.308 ng/ml	99
34) Chrysene	6.456	228	687425	1049.395 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.454	149	374501	1102.022 ng/ml	99
37) Benzo[b]fluoranthene	7.337	252	664339	1060.059 ng/ml	100
38) Benzo[k]fluoranthene	7.365	252	692334	1120.260 ng/ml	97
39) Benzo[a]pyrene	7.670	252	600762	1129.737 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.044	276	570718	1108.579 ng/ml	93
41) Dibenzo[a,h]anthracene	9.086	278	546347	1143.971 ng/ml	92
42) Benzo[g,h,i]perylene	9.416	276	541938	1106.007 ng/ml	93

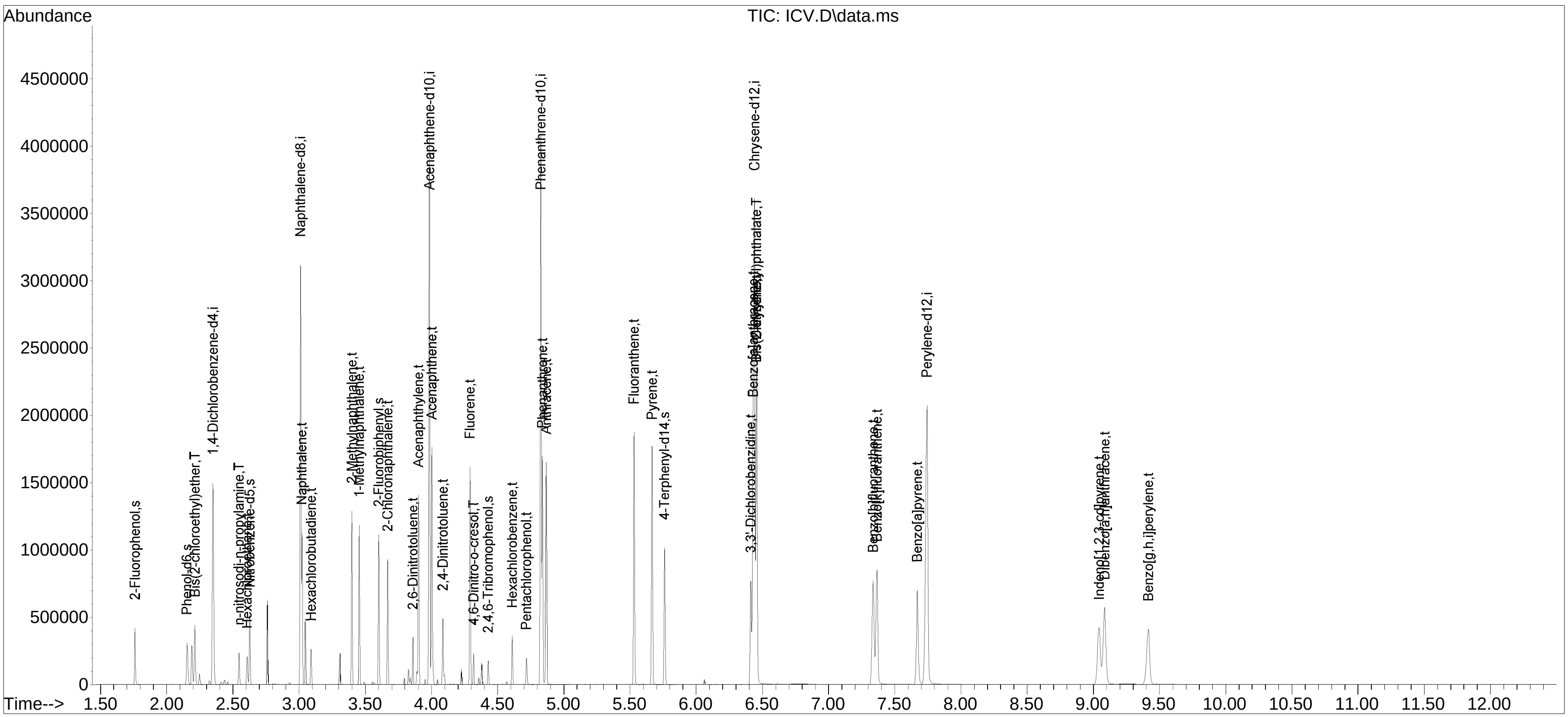
(#) = qualifier out of range (m) = manual integration (+) = signals summed

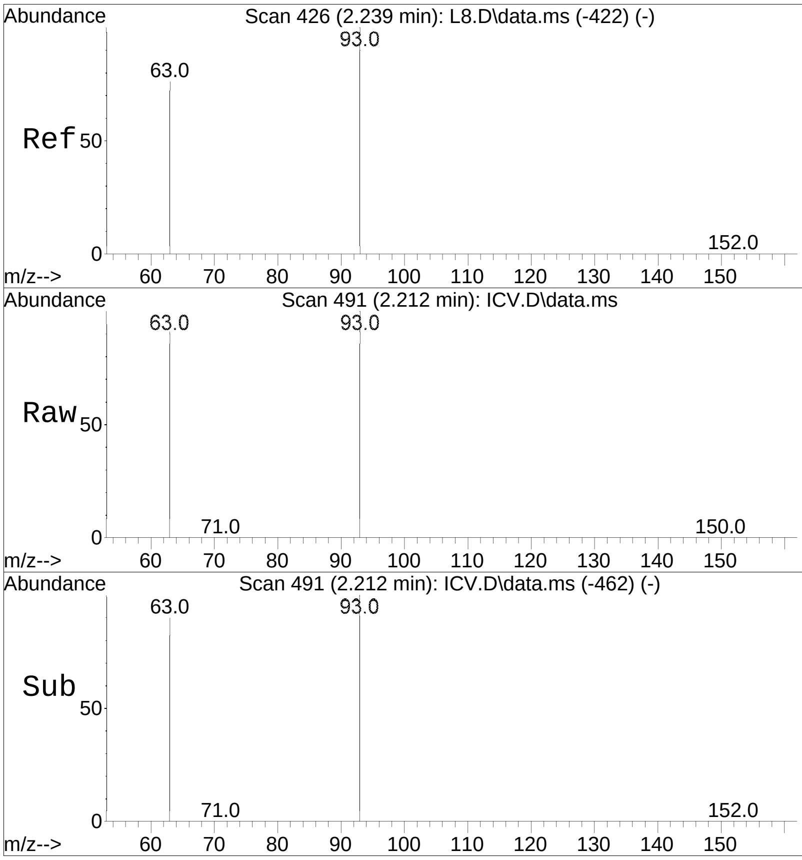
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : ICV.D
Acq On : 29 Dec 2024 04:26 pm
Operator : sv119:jjw
Sample : CQICV,32,, #10884 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 31 16:05:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:39 2024
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•

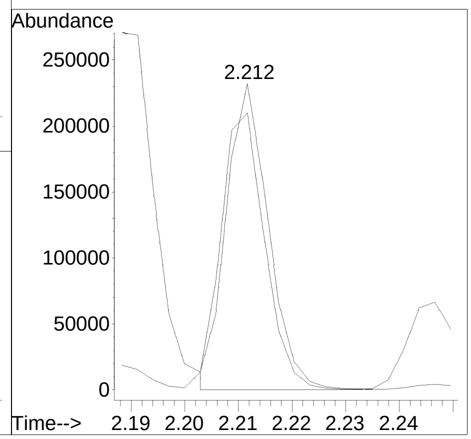


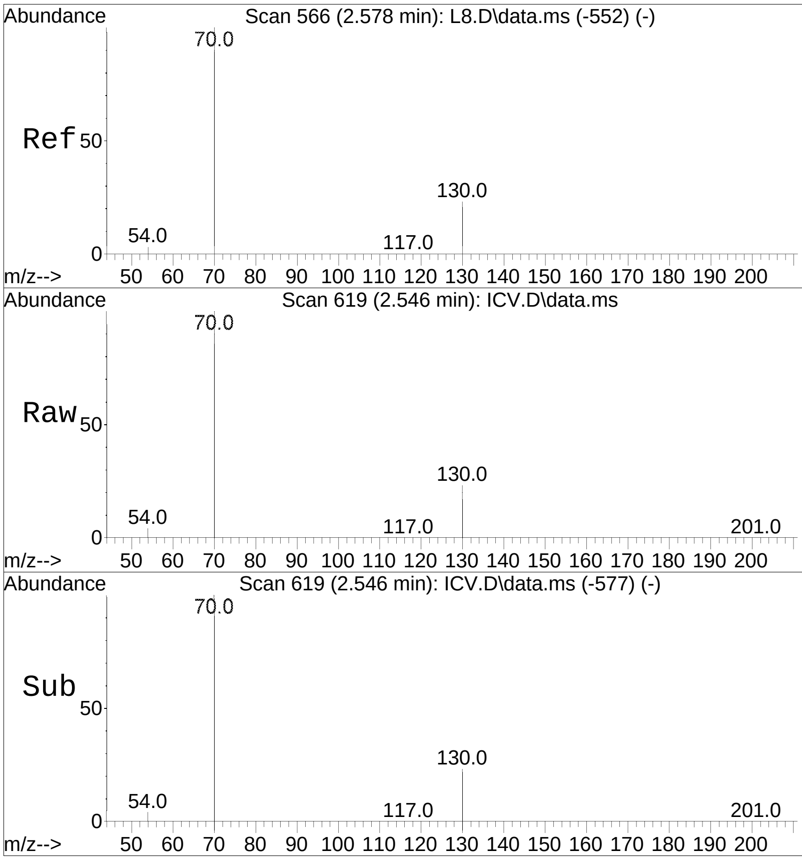


#4
Bis(2-chloroethyl)ether
Concen: 1047.04 ng/ml
RT: 2.212 min Scan# 491
Delta R.T. 0.004 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion: 93 Resp: 126146

Ion	Ratio	Lower	Upper
93	100		
63	95.2	61.7	92.5#

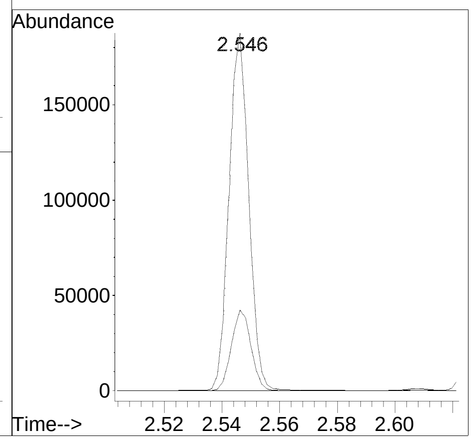




#5
n-nitrosodi-n-propylamine
Concen: 1084.11 ng/ml
RT: 2.546 min Scan# 619
Delta R.T. 0.005 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion: 70 Resp: 87535

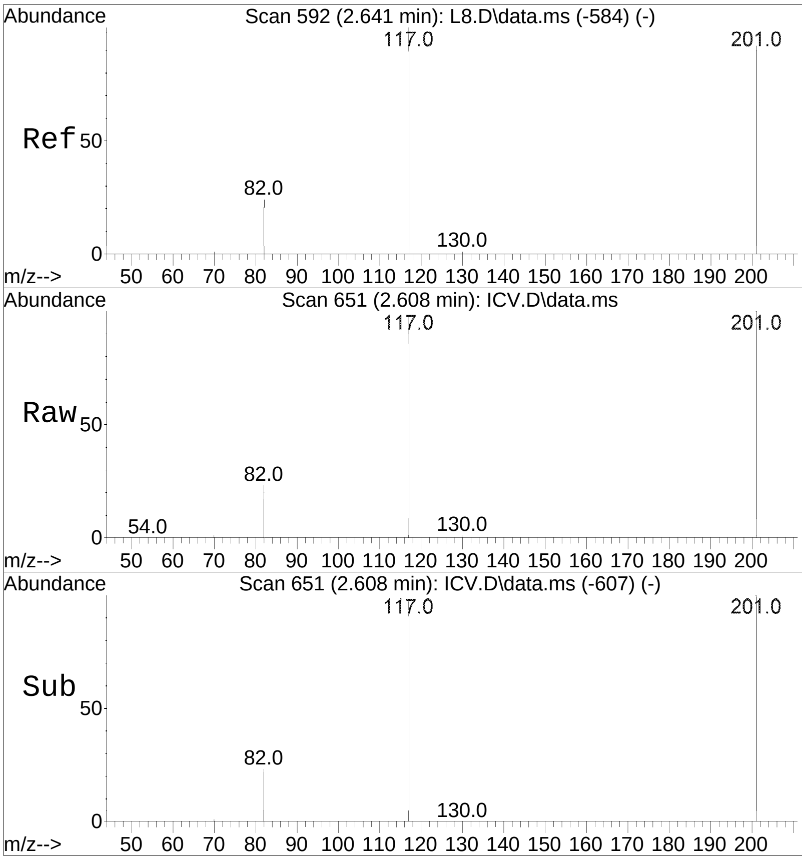
Ion	Ratio	Lower	Upper
70	100		
130	22.7	18.1	27.1

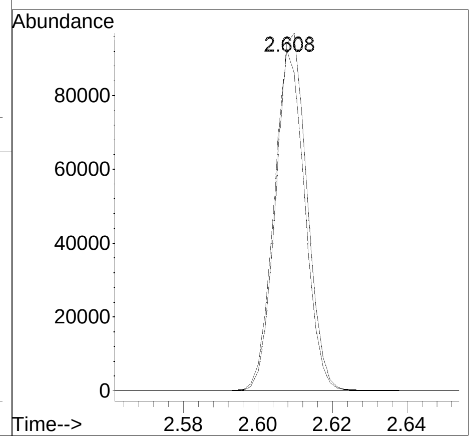


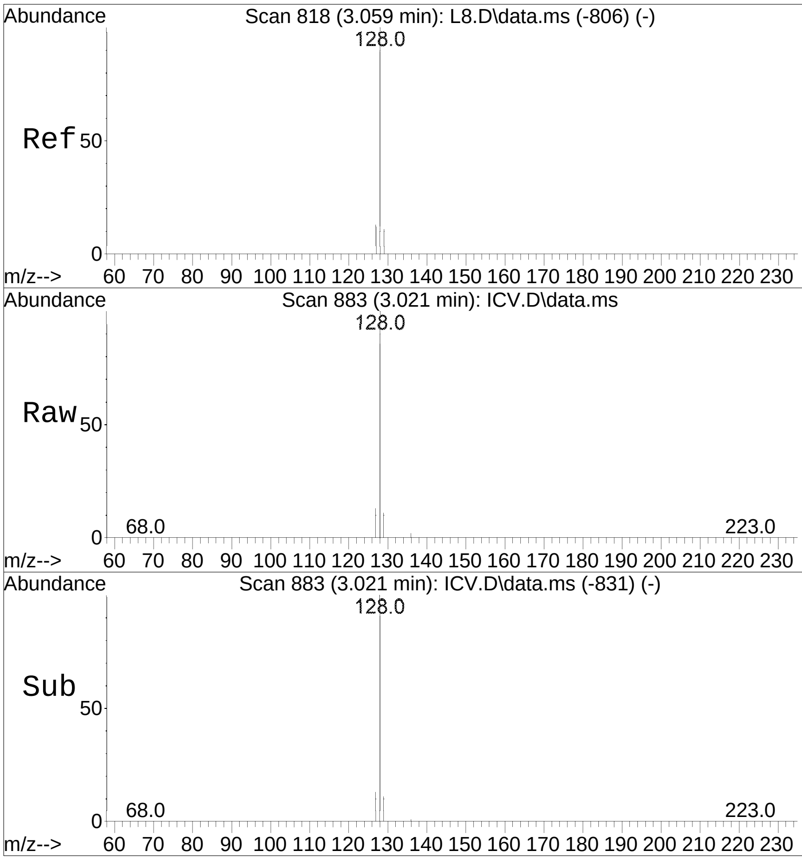
#6
Hexachloroethane
Concen: 1038.06 ng/ml
RT: 2.608 min Scan# 651
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:117 Resp: 52517

Ion	Ratio	Lower	Upper
117	100		
201	106.3	79.3	118.9



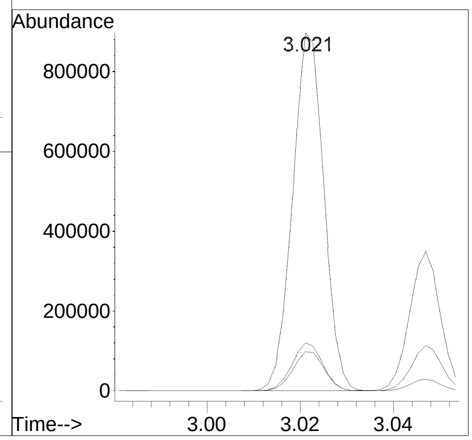


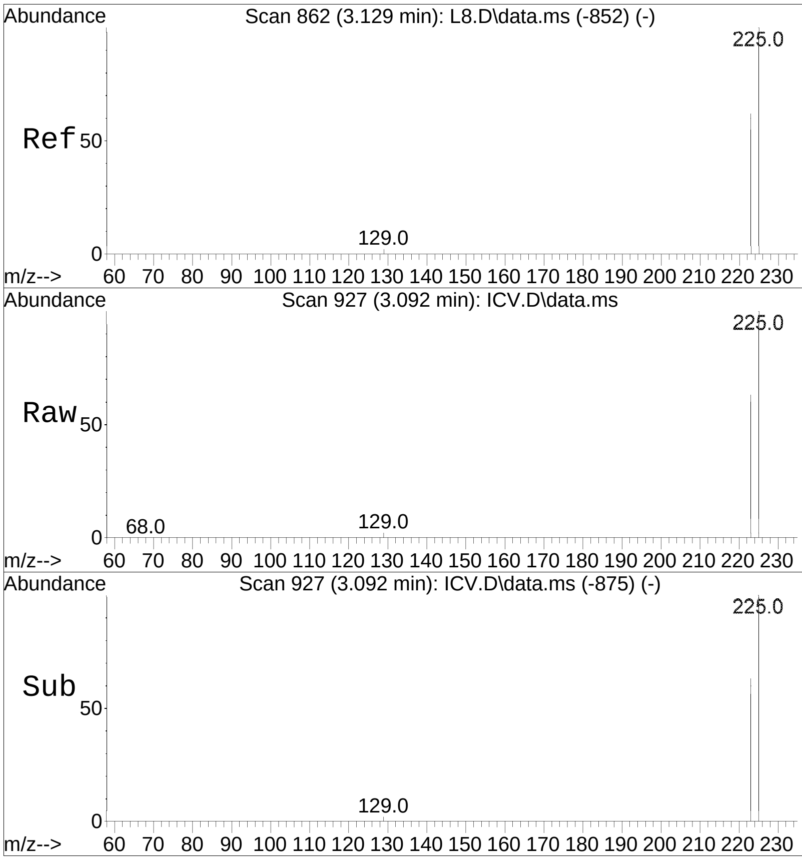


#9
Naphthalene
Concen: 1018.57 ng/ml
RT: 3.021 min Scan# 883
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:128 Resp: 416784

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.3	10.5	15.7

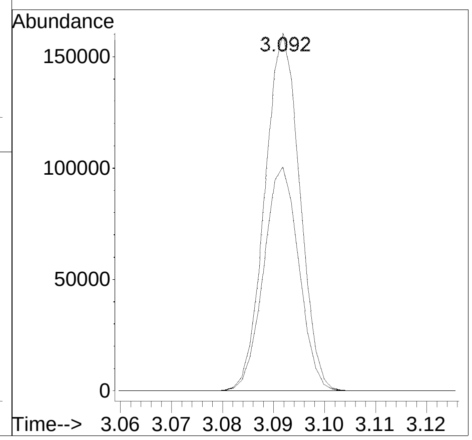


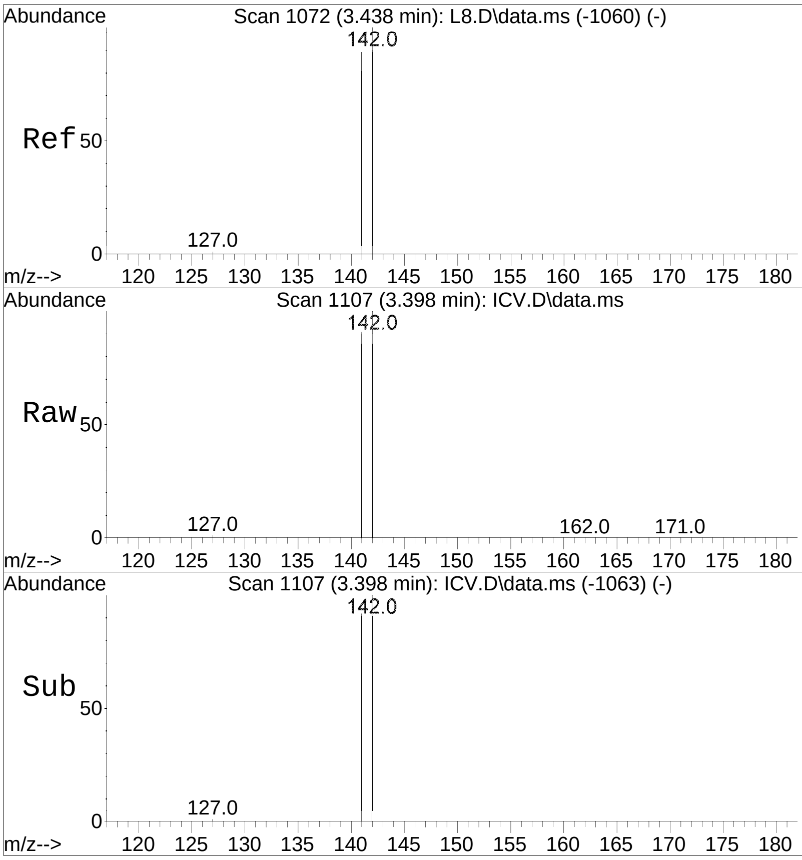


#10
Hexachlorobutadiene
Concen: 1052.26 ng/ml
RT: 3.092 min Scan# 927
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:225 Resp: 75773

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6

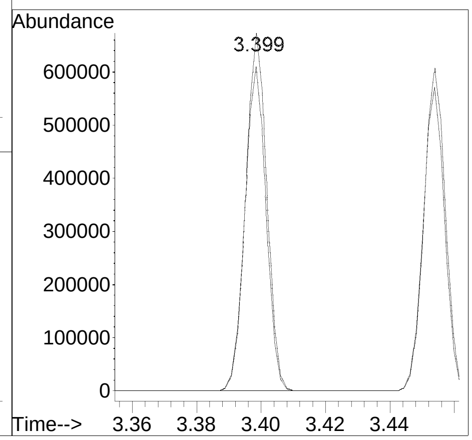


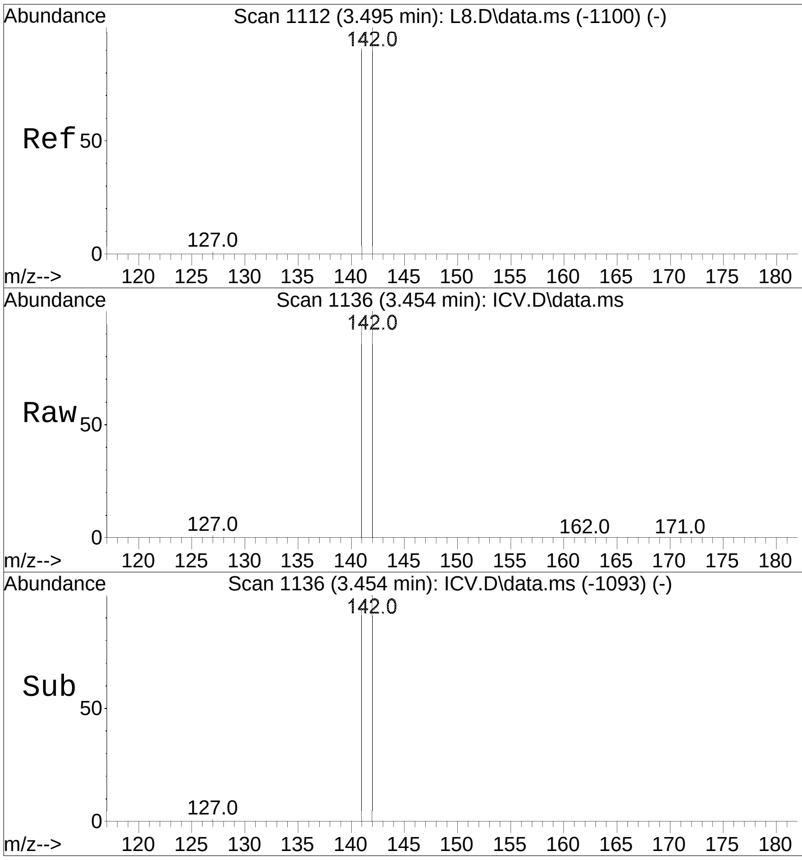


#11
2-Methylnaphthalene
Concen: 1071.91 ng/ml
RT: 3.398 min Scan# 1107
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:142 Resp: 306508

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.3	106.9

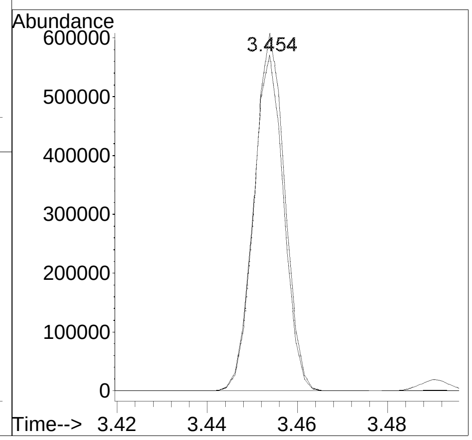


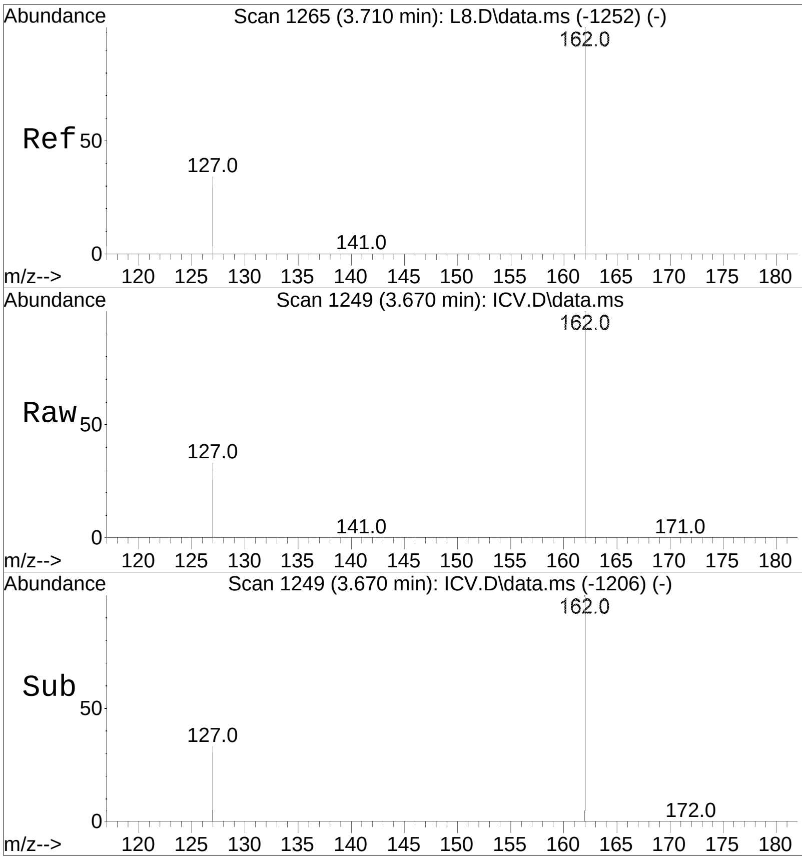


#12
1-Methylnaphthalene
Concen: 1067.84 ng/ml
RT: 3.454 min Scan# 1136
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:142 Resp: 281151

Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.8	110.6

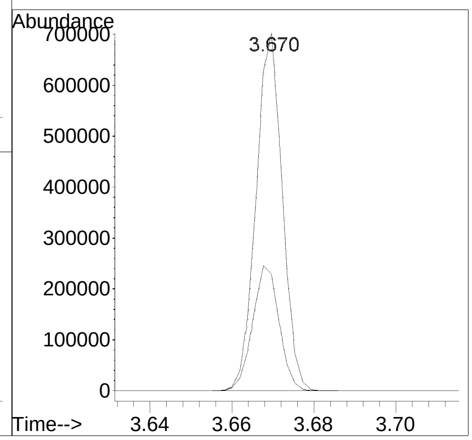


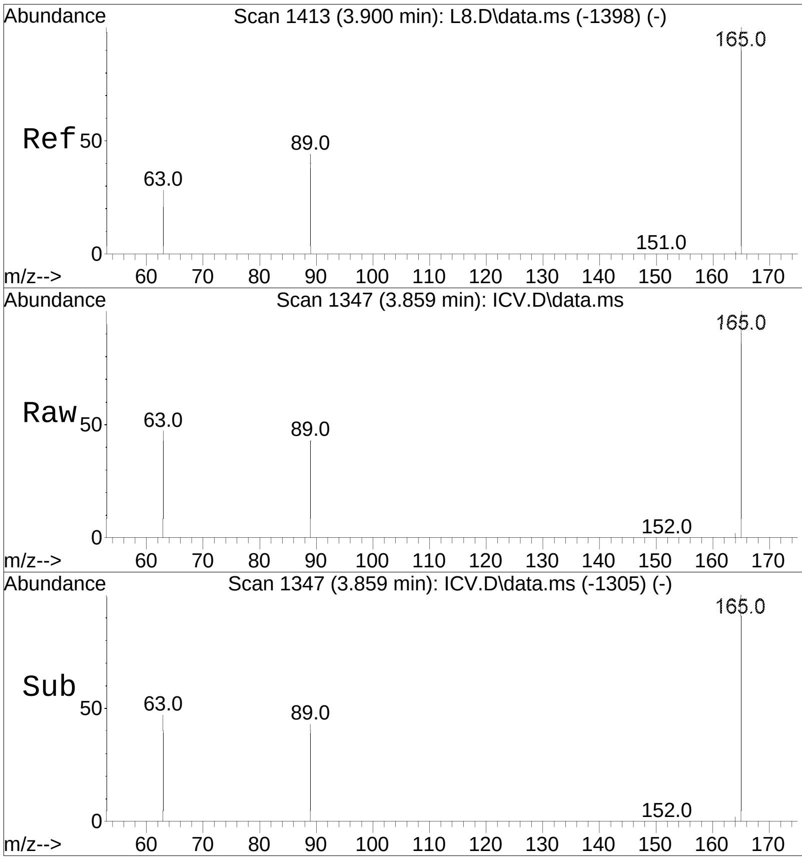


#14
2-Chloronaphthalene
Concen: 1048.85 ng/ml
RT: 3.670 min Scan# 1249
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:162 Resp: 309748

Ion	Ratio	Lower	Upper
162	100		
127	35.4	27.4	41.0

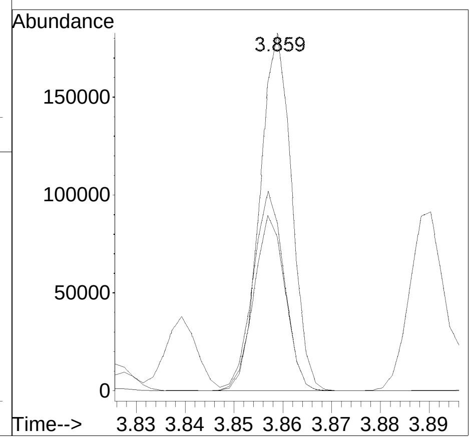


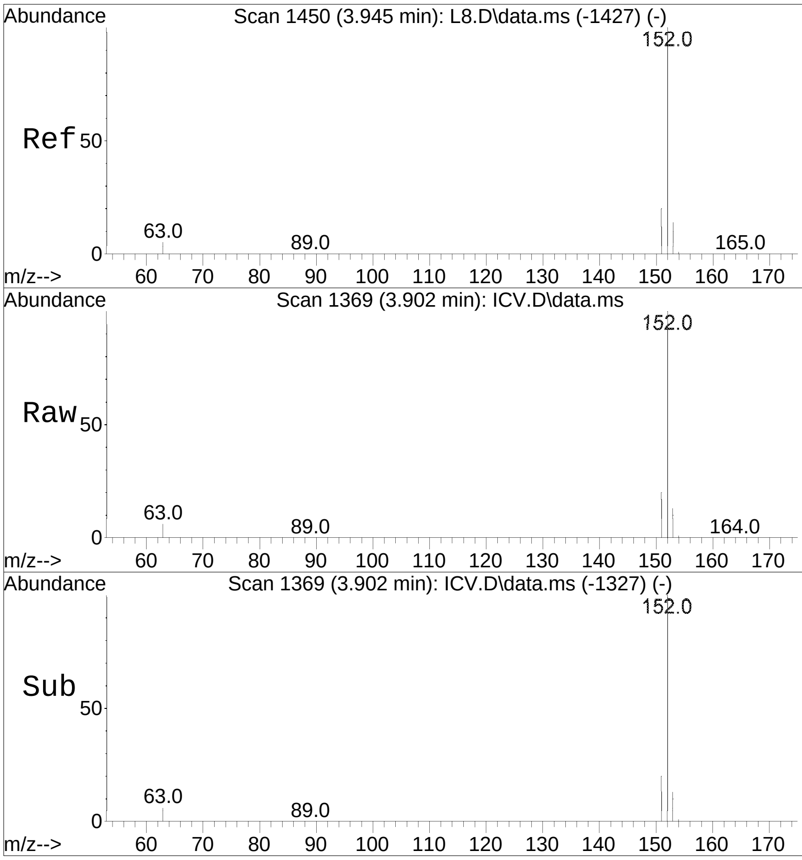


#15
2,6-Dinitrotoluene
Concen: 1129.57 ng/ml
RT: 3.859 min Scan# 1347
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:165 Resp: 82208

Ion	Ratio	Lower	Upper
165	100		
89	49.1	37.8	56.8
63	55.4	36.9	55.3#

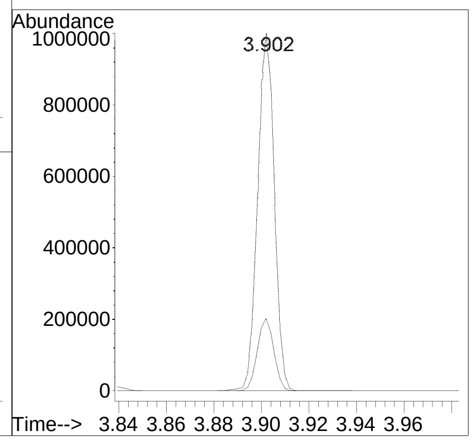


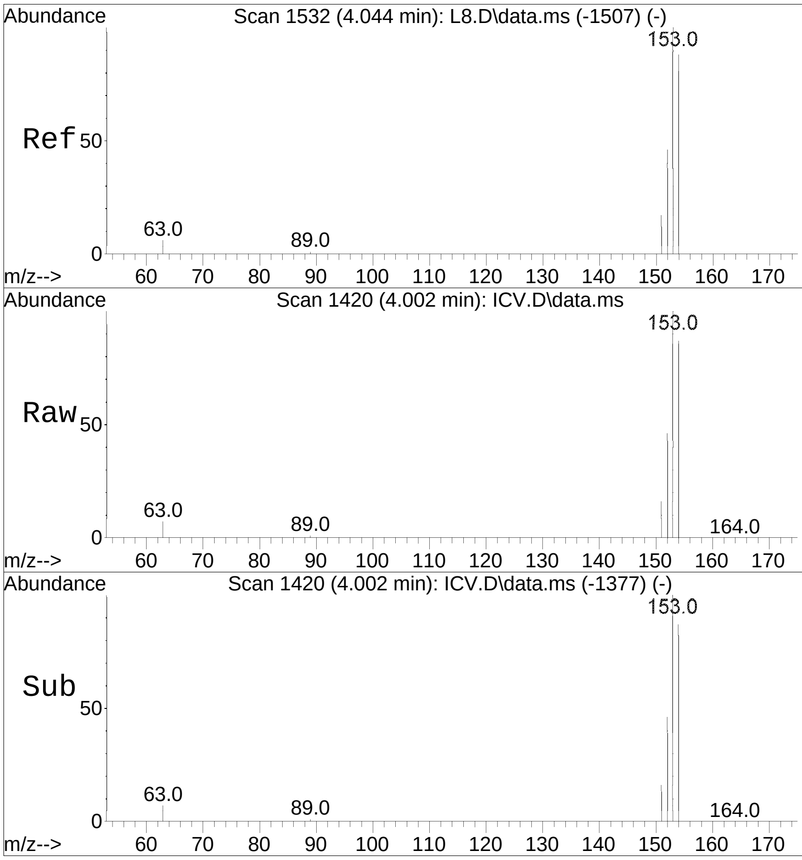


#16
Acenaphthylene
Concen: 1057.72 ng/ml
RT: 3.902 min Scan# 1369
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:152 Resp: 483748

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9

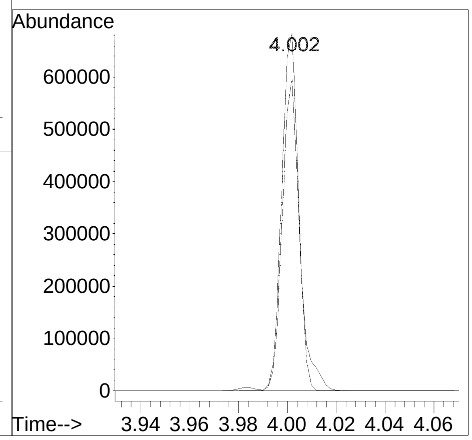


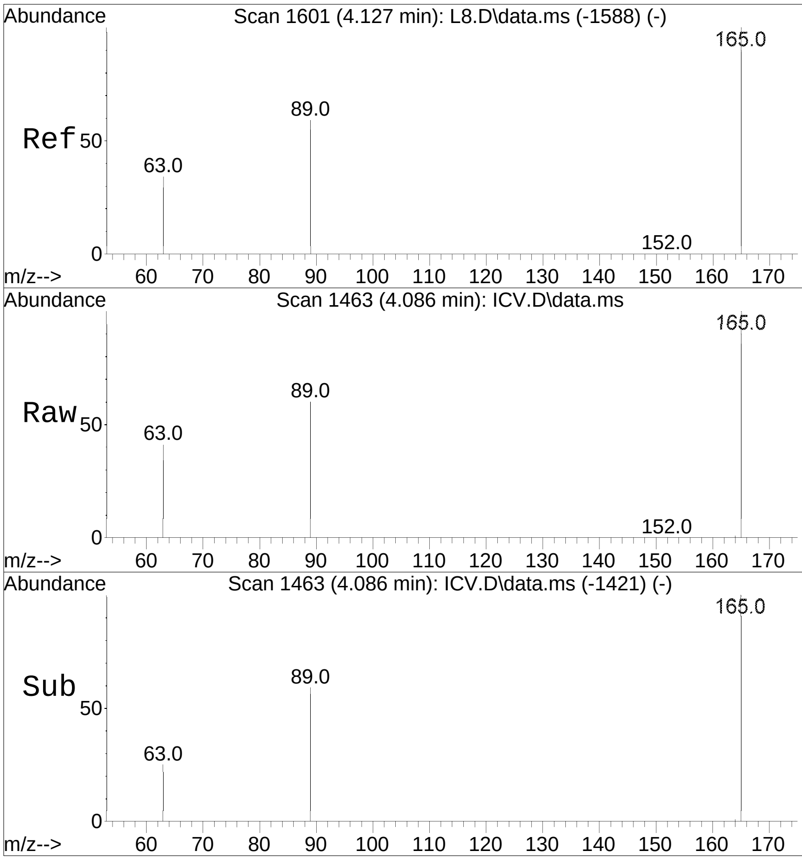


#18
Acenaphthene
Concen: 1042.24 ng/ml
RT: 4.002 min Scan# 1420
Delta R.T. 0.005 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:153 Resp: 319572

Ion	Ratio	Lower	Upper
153	100		
154	92.4	73.1	109.7

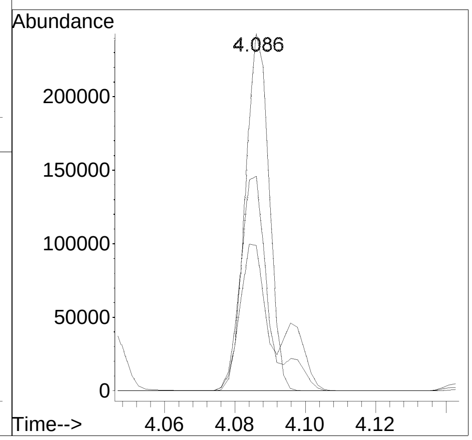


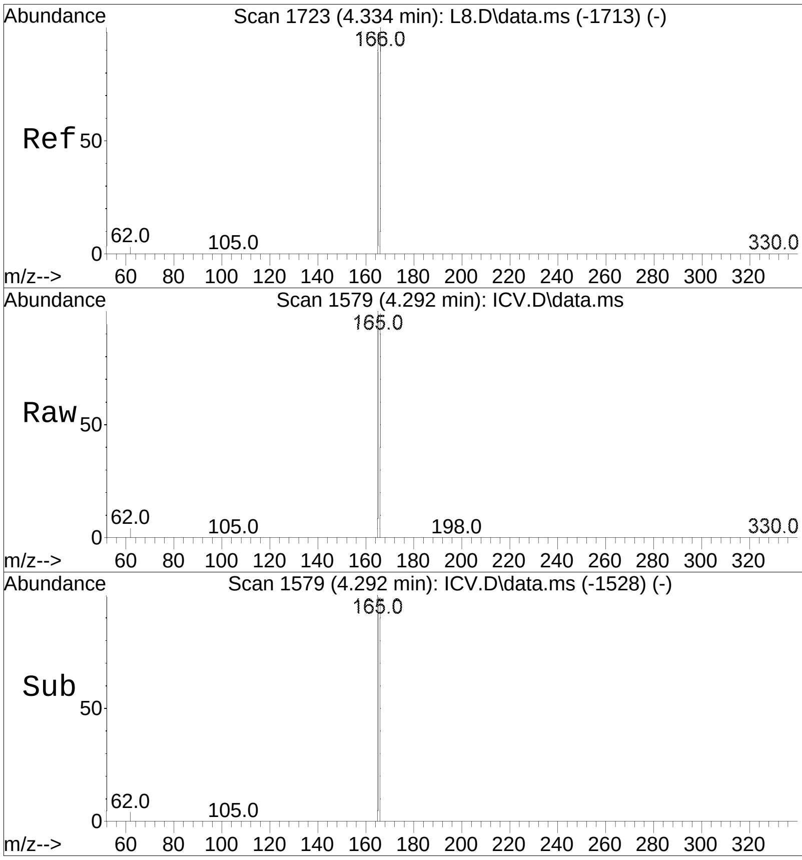


#19
2,4-Dinitrotoluene
Concen: 1169.85 ng/ml
RT: 4.086 min Scan# 1463
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:165 Resp: 114104

Ion	Ratio	Lower	Upper
165	100		
89	64.3	48.7	73.1
63	44.5	28.6	42.8#

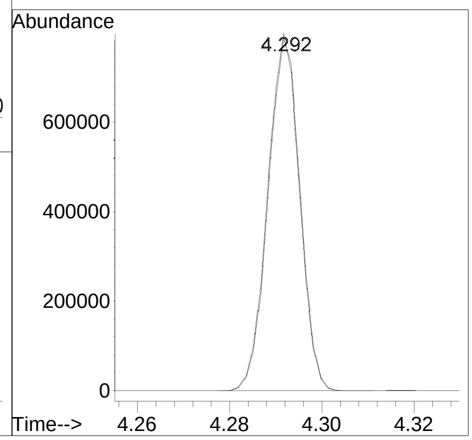


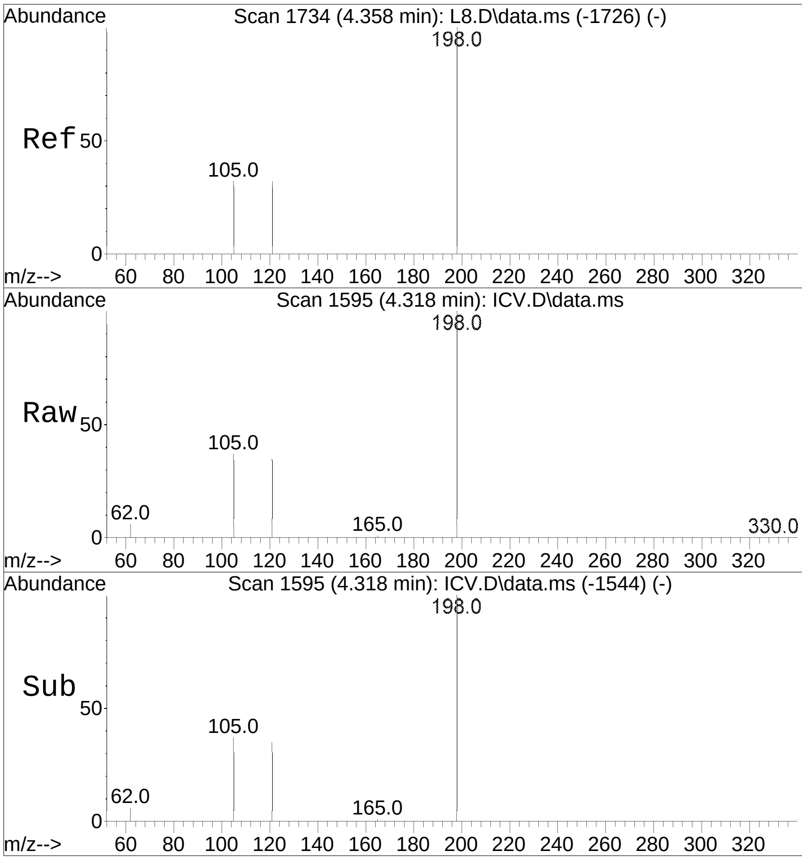


#20
Fluorene
Concen: 1072.35 ng/ml
RT: 4.292 min Scan# 1579
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:166 Resp: 377766

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.8

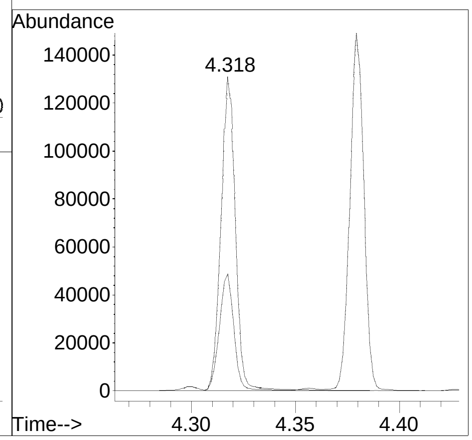


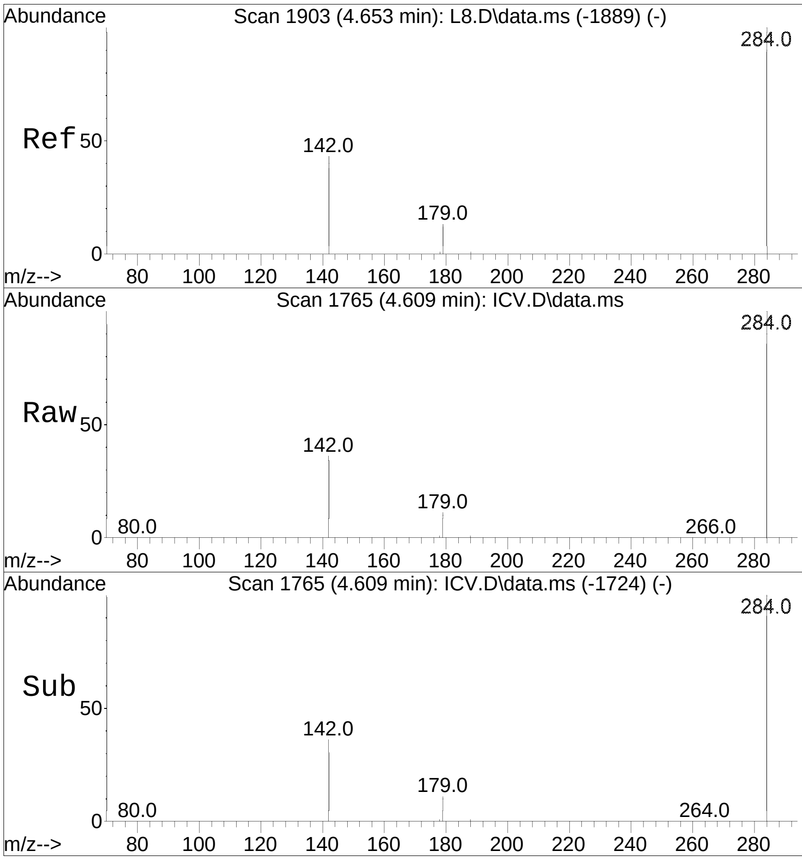


#23
4,6-Dinitro-o-cresol
Concen: 995.82 ng/ml
RT: 4.318 min Scan# 1595
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:198 Resp: 63393

Ion	Ratio	Lower	Upper
198	100		
105	36.5	30.6	45.8

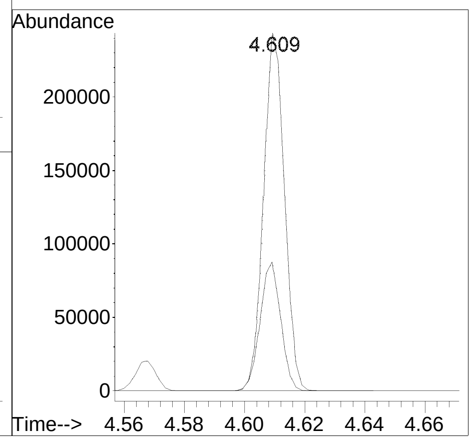


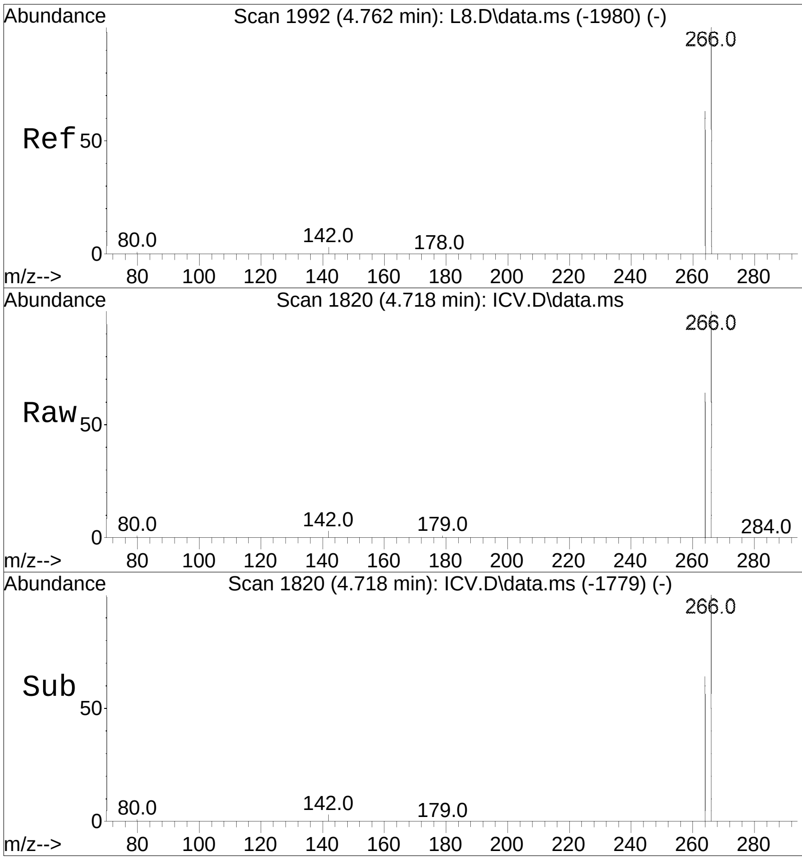


#24
Hexachlorobenzene
Concen: 1019.10 ng/ml
RT: 4.609 min Scan# 1765
Delta R.T. 0.001 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:284 Resp: 116516

Ion	Ratio	Lower	Upper
284	100		
142	35.7	33.8	50.6

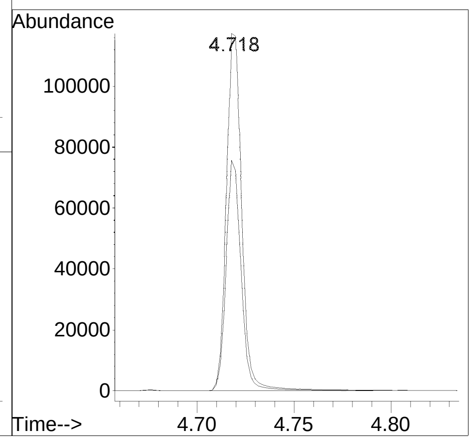


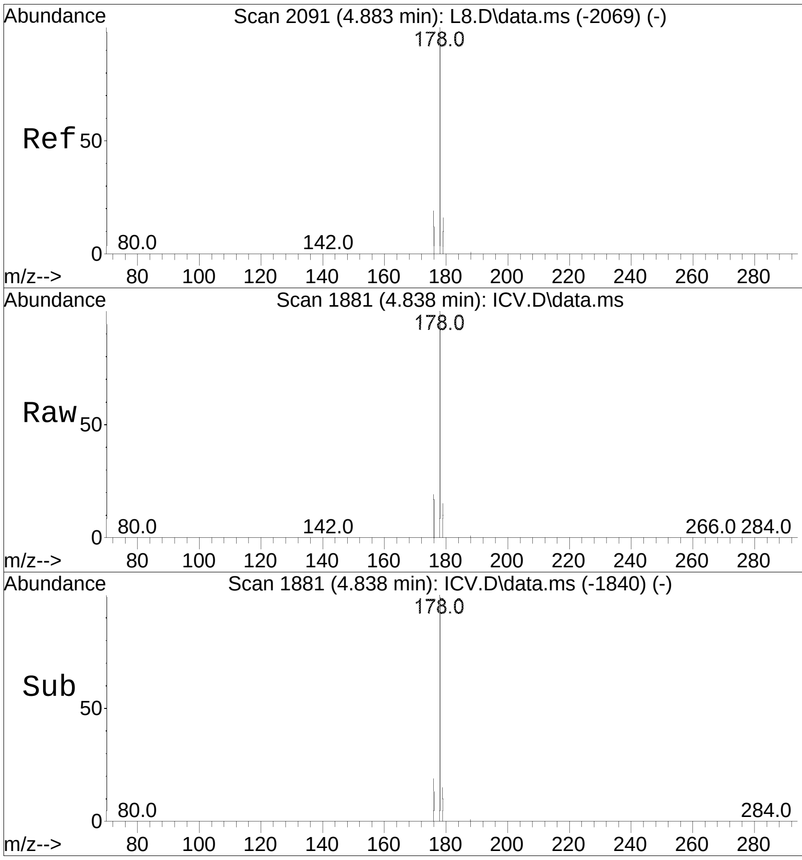


#25
Pentachlorophenol
Concen: 1104.28 ng/ml
RT: 4.718 min Scan# 1820
Delta R.T. 0.002 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:266 Resp: 64222

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.8	76.2

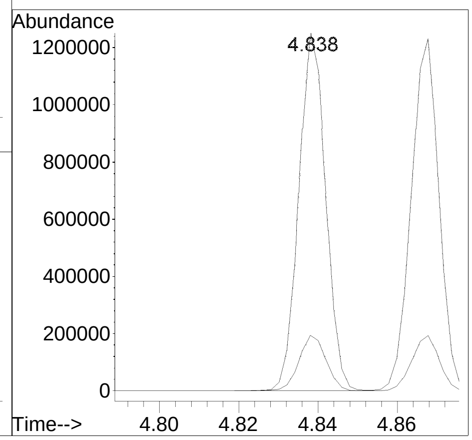


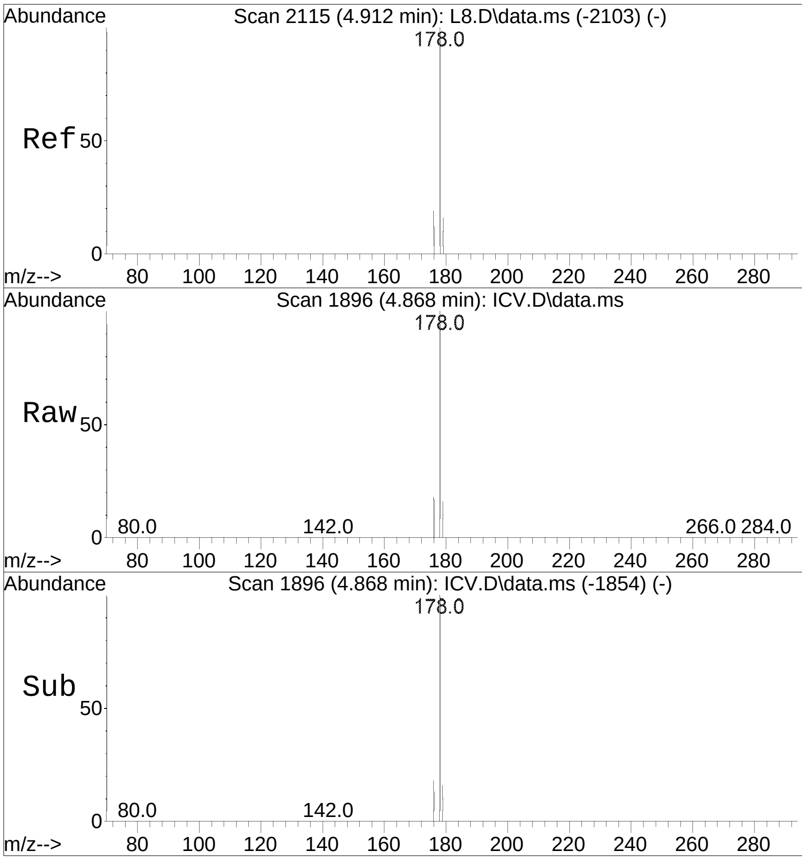


#26
Phenanthrene
Concen: 1039.89 ng/ml
RT: 4.838 min Scan# 1881
Delta R.T. 0.001 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:178 Resp: 589743

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2

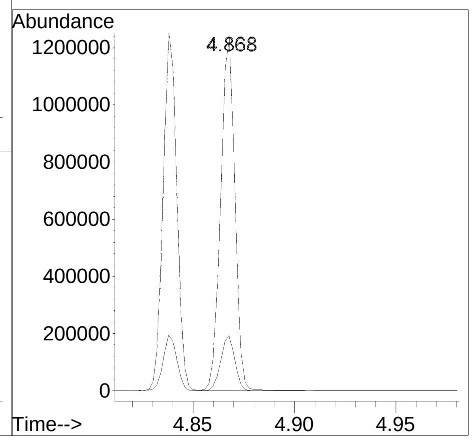


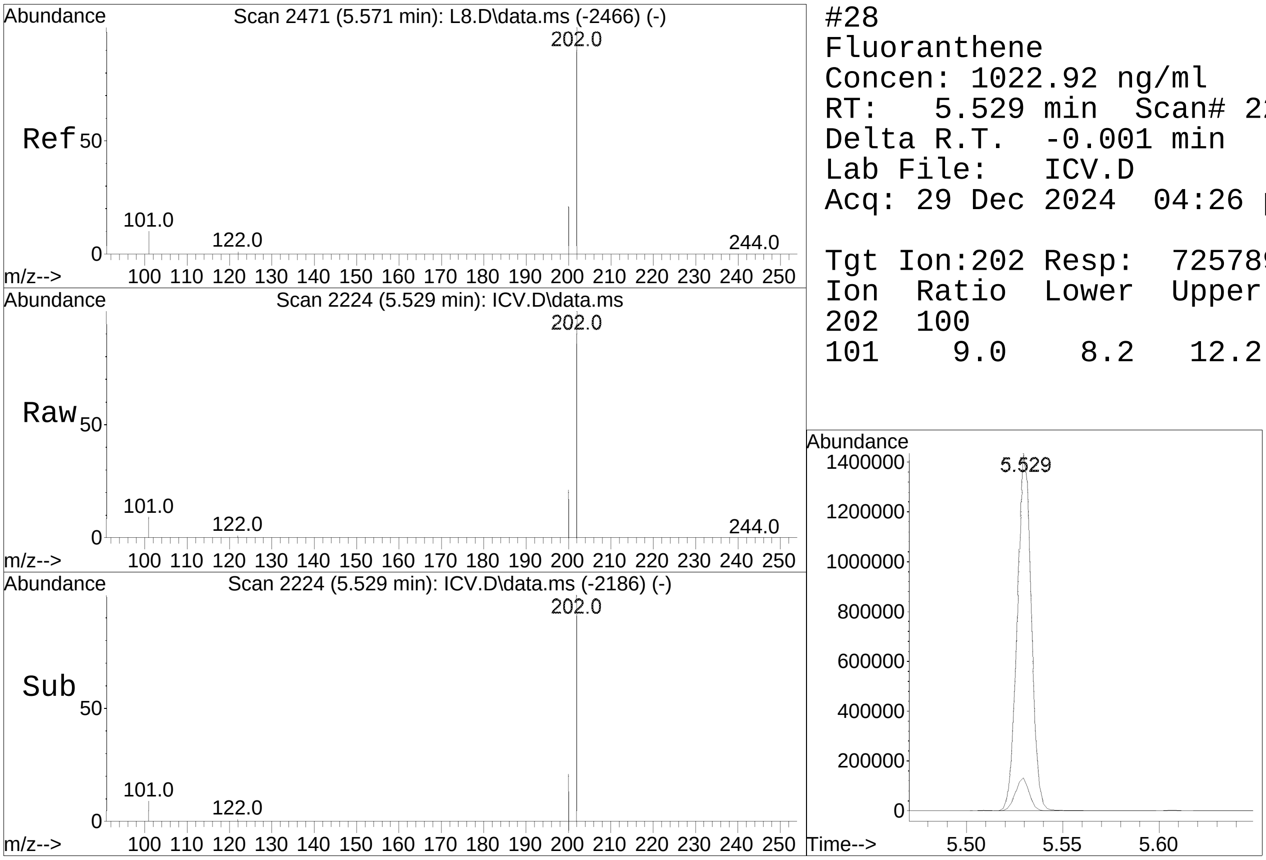


#27
Anthracene
Concen: 1059.50 ng/ml
RT: 4.868 min Scan# 1896
Delta R.T. 0.004 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:178 Resp: 602433

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8

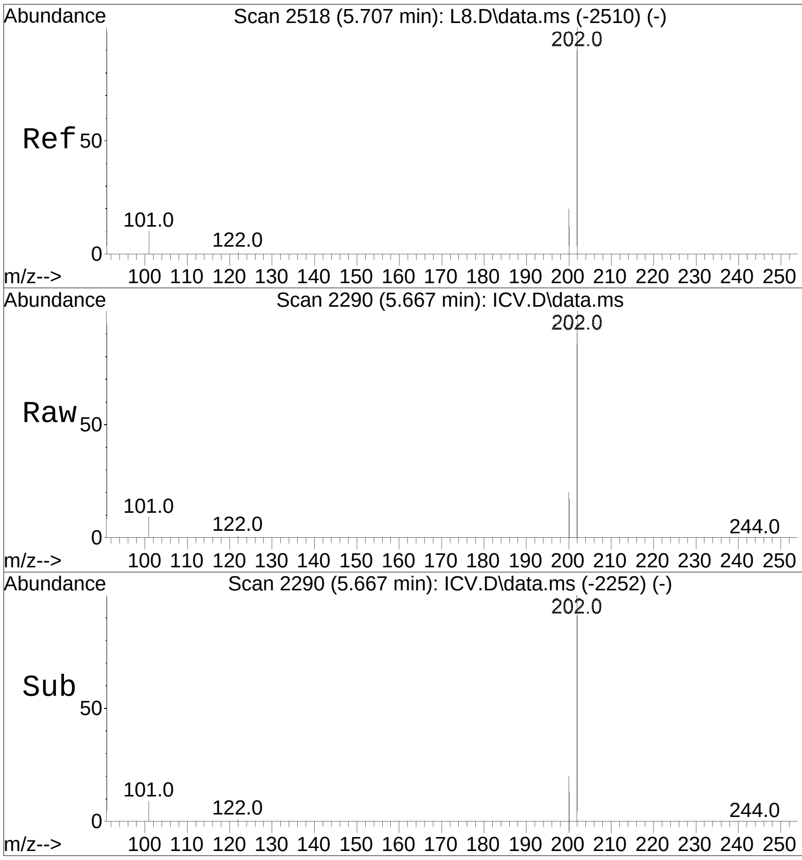




#28
Fluoranthene
Concen: 1022.92 ng/ml
RT: 5.529 min Scan# 2224
Delta R.T. -0.001 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

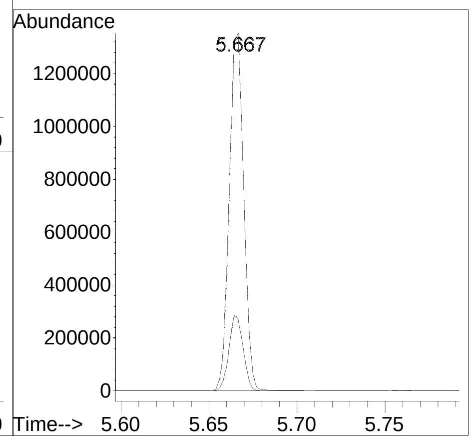
Tgt Ion:202 Resp: 725789

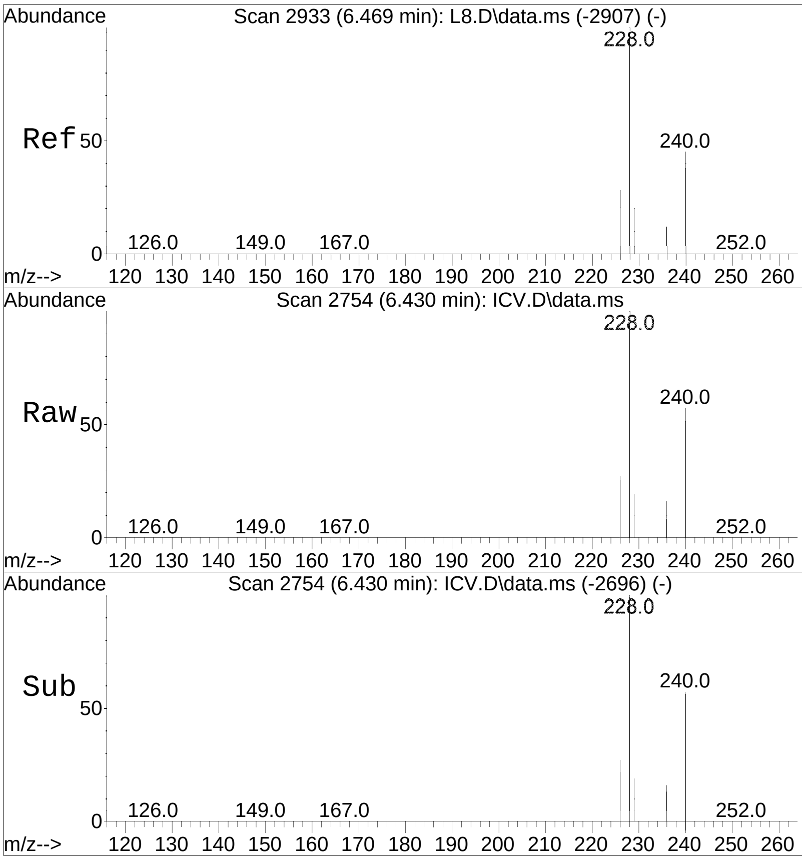
Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.2	12.2



#29
Pyrene
Concen: 1043.13 ng/ml
RT: 5.667 min Scan# 2290
Delta R.T. -0.000 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:202 Resp: 763953
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3

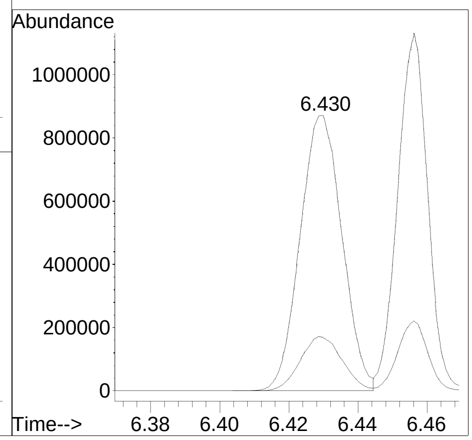


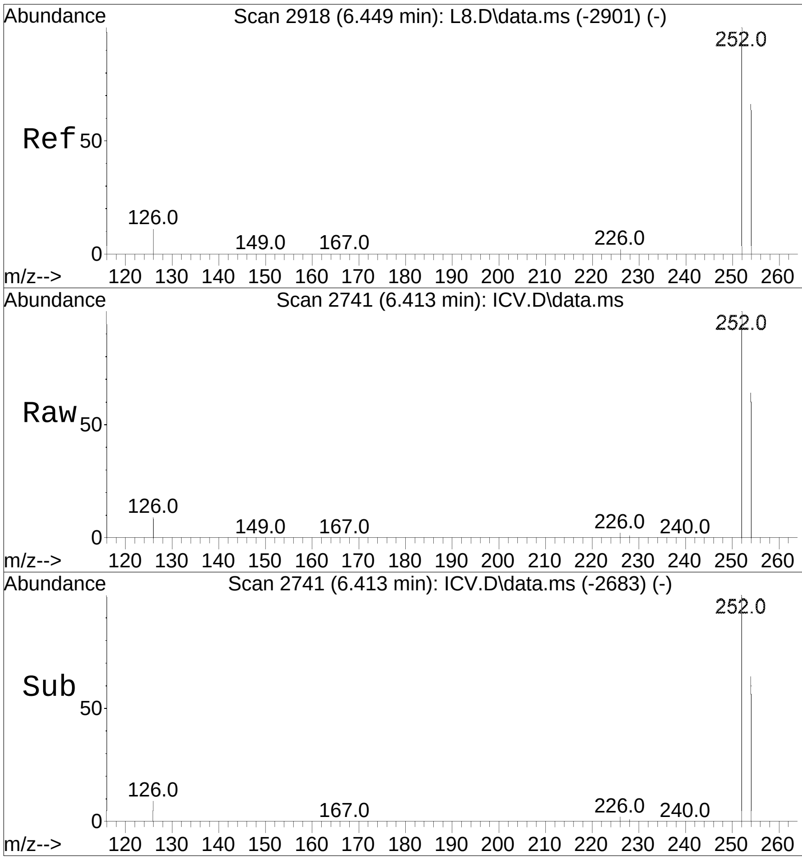


#32
Benzo[a]anthracene
Concen: 1090.32 ng/ml
RT: 6.430 min Scan# 2754
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:228 Resp: 734331

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9

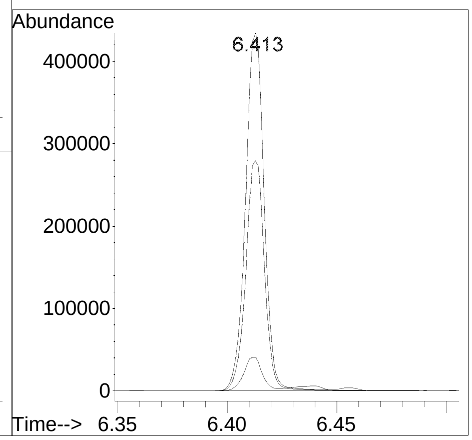


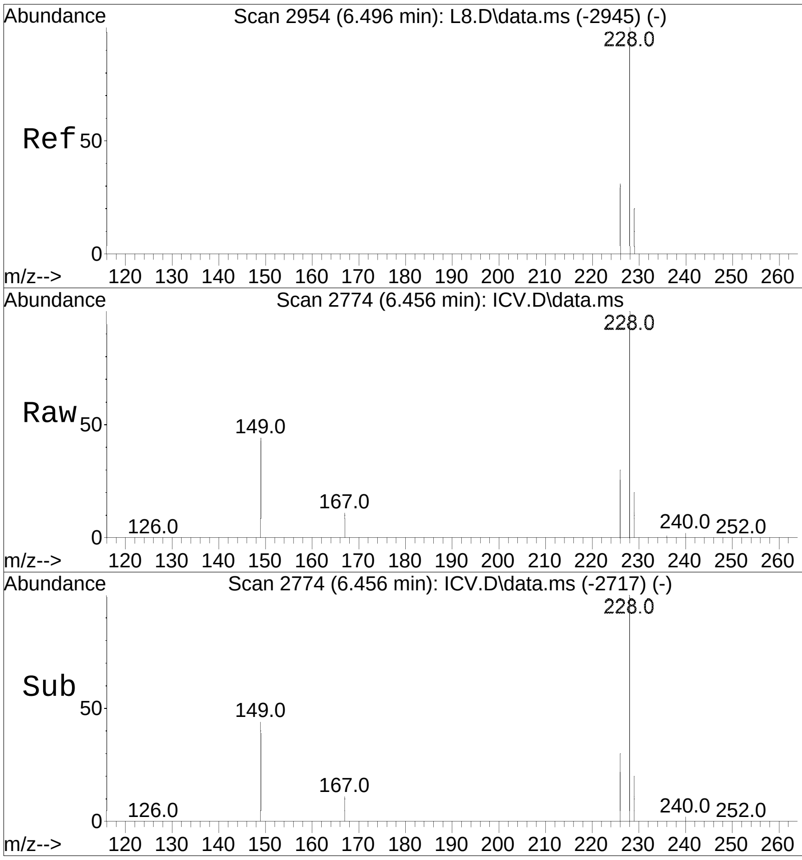


#33
3,3'-Dichlorobenzidine
Concen: 1066.31 ng/ml
RT: 6.413 min Scan# 2741
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:252 Resp: 255382

Ion	Ratio	Lower	Upper
252	100		
126	9.4	8.6	13.0
254	64.6	51.8	77.8

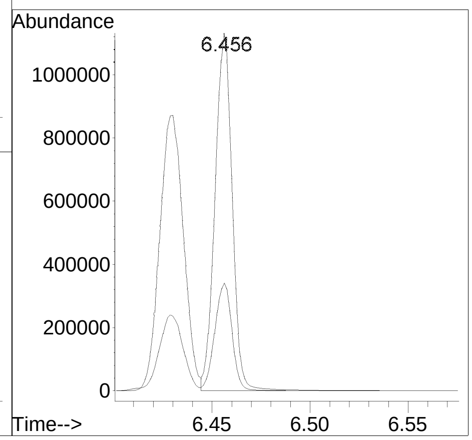


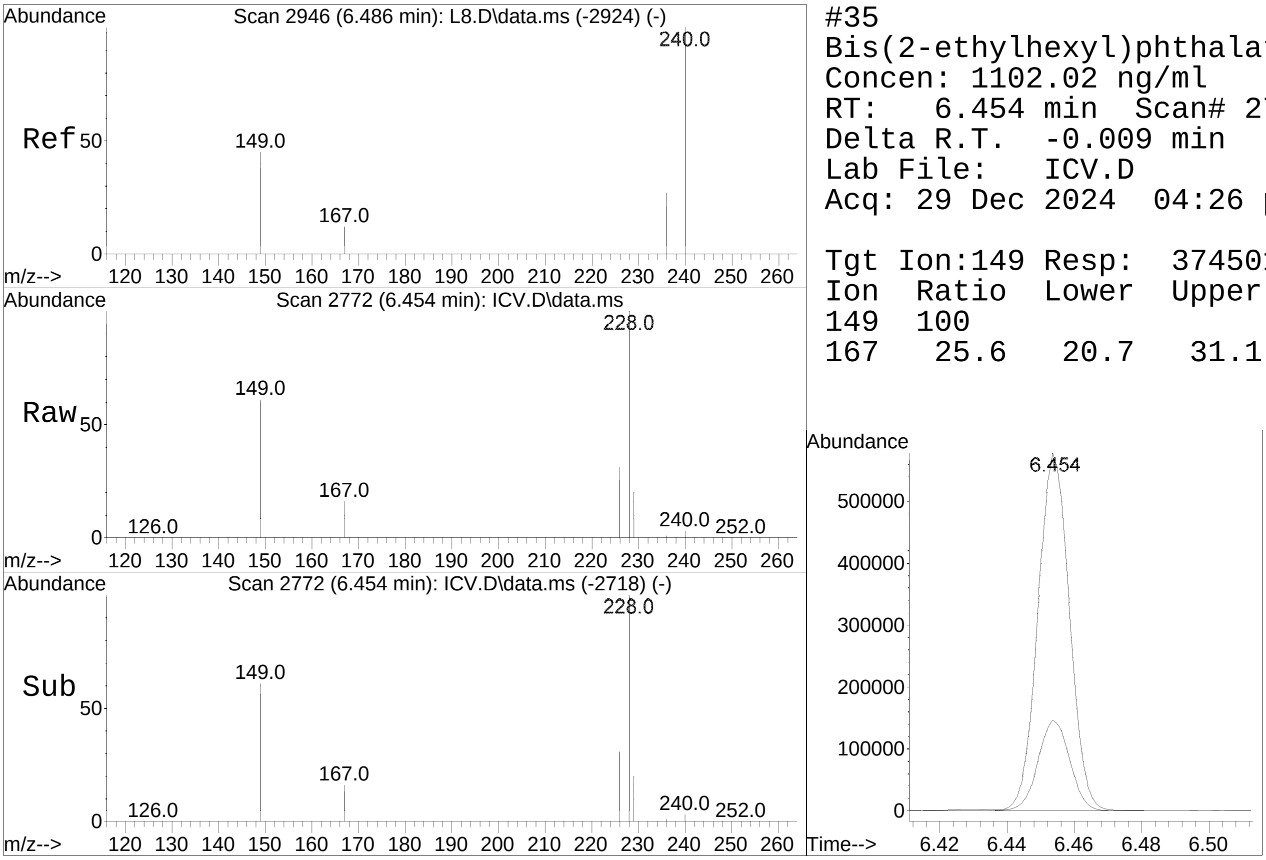


#34
Chrysene
Concen: 1049.40 ng/ml
RT: 6.456 min Scan# 2774
Delta R.T. -0.006 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:228 Resp: 687425

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6

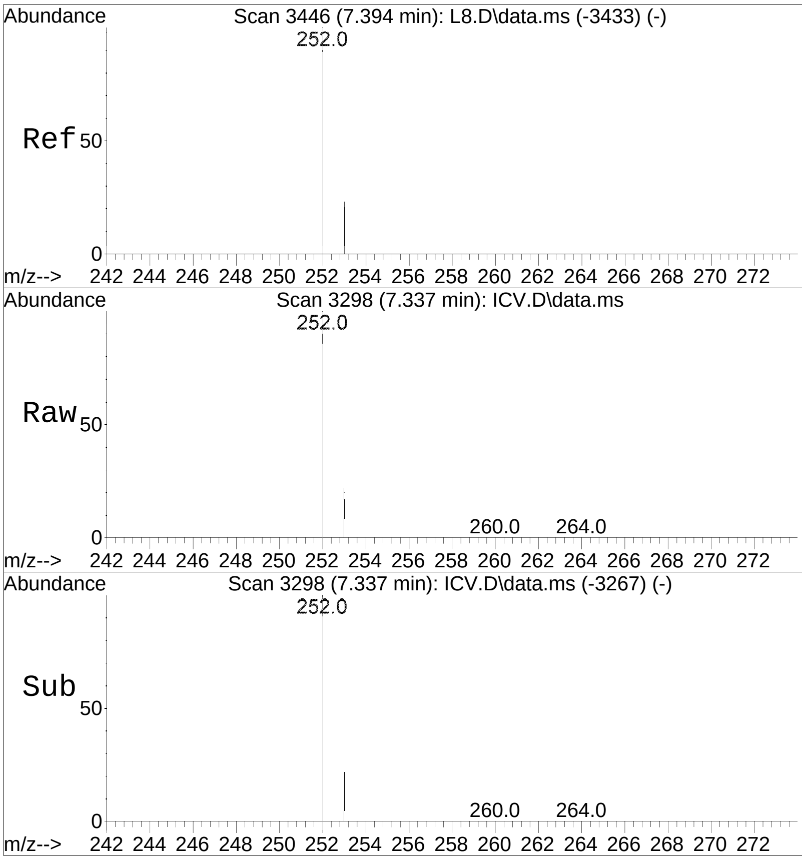




#35
Bis(2-ethylhexyl)phthalate
Concen: 1102.02 ng/ml
RT: 6.454 min Scan# 2772
Delta R.T. -0.009 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:149 Resp: 374501

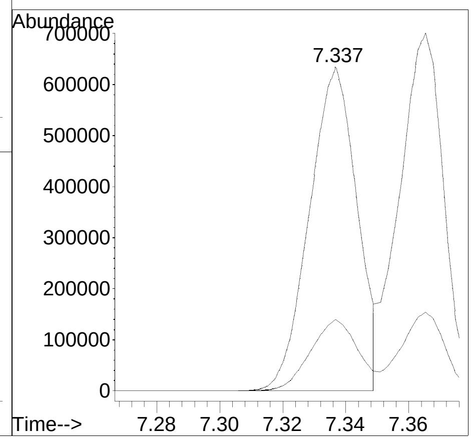
Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.7	31.1

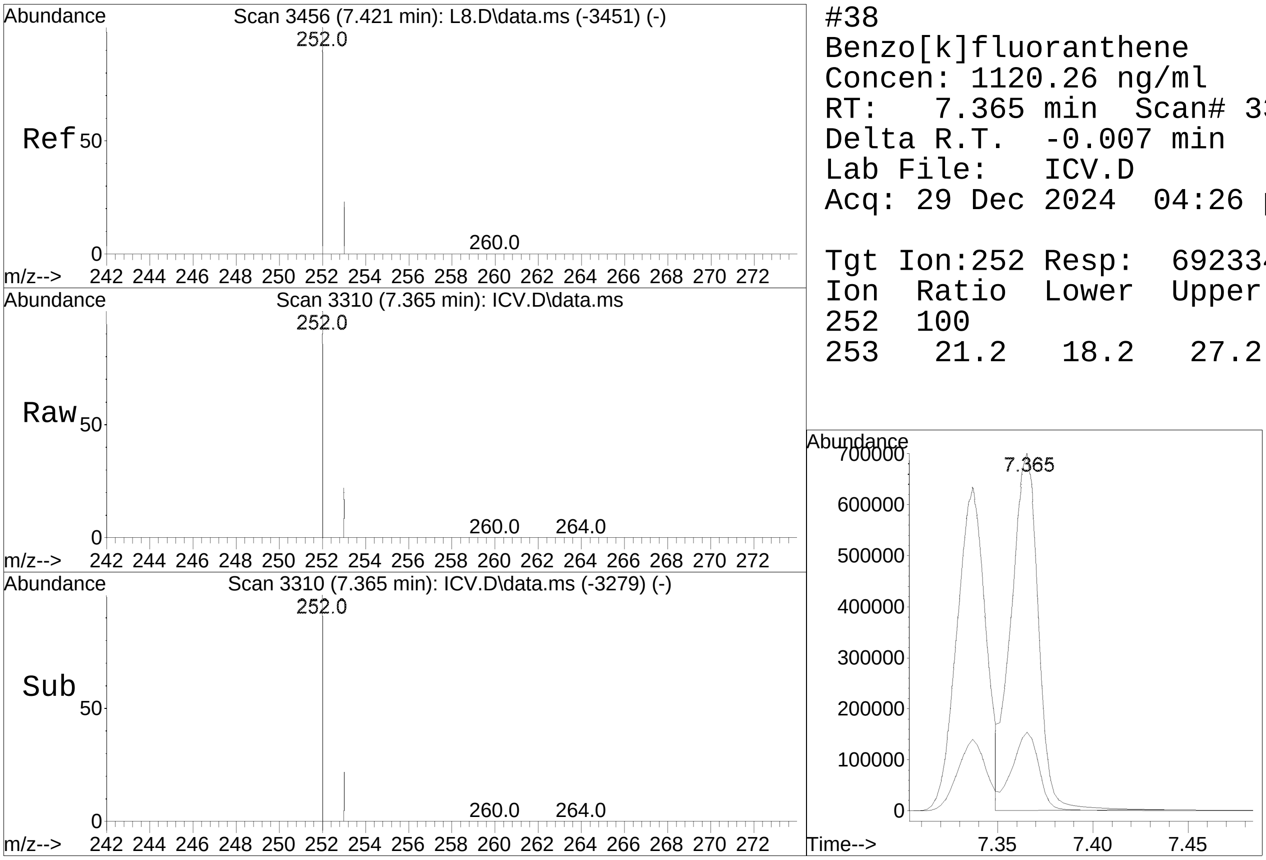


#37
Benzo[b]fluoranthene
Concen: 1060.06 ng/ml
RT: 7.337 min Scan# 3298
Delta R.T. -0.006 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:252 Resp: 664339

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1

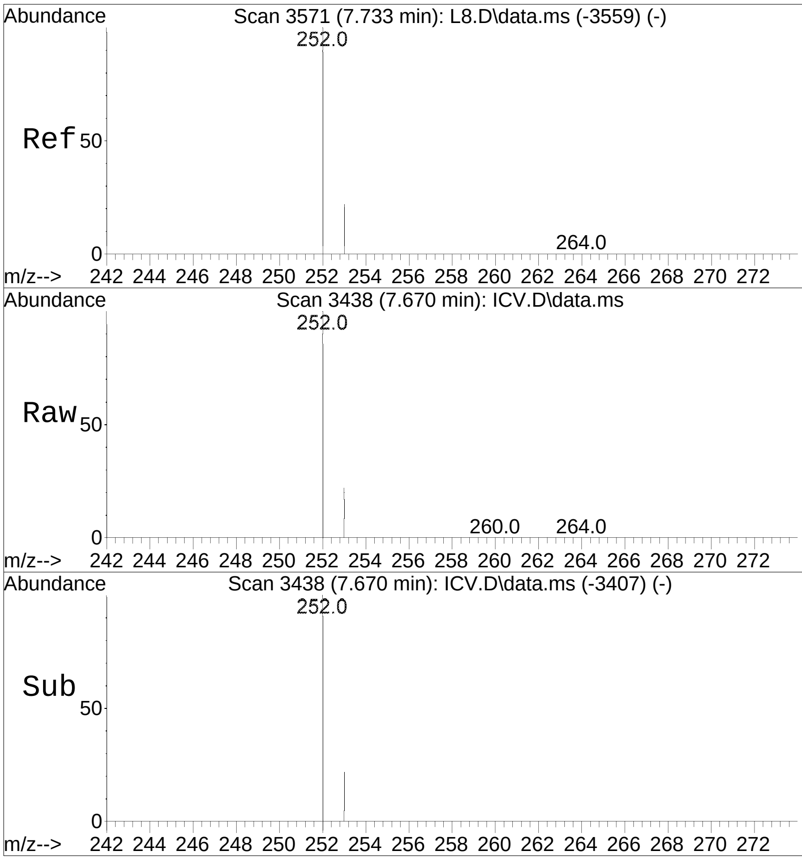




#38
Benzo[k]fluoranthene
Concen: 1120.26 ng/ml
RT: 7.365 min Scan# 3310
Delta R.T. -0.007 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:252 Resp: 692334

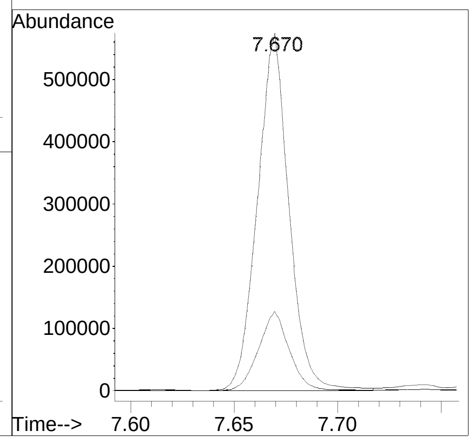
Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2

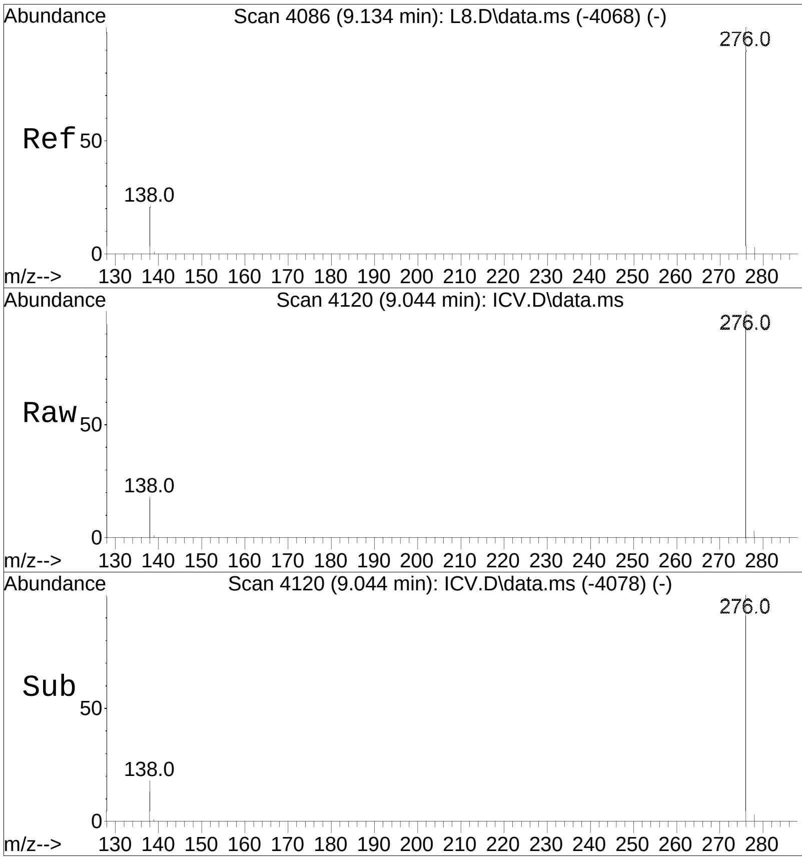


#39
Benzo[a]pyrene
Concen: 1129.74 ng/ml
RT: 7.670 min Scan# 3438
Delta R.T. -0.006 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:252 Resp: 600762

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9

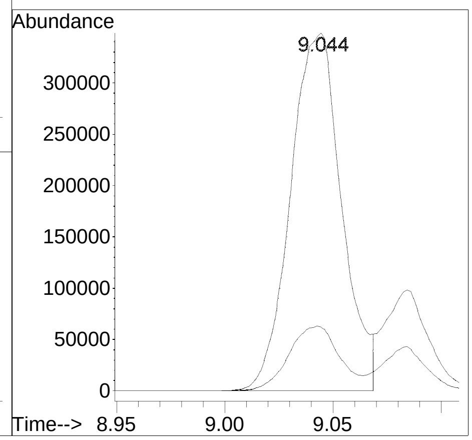


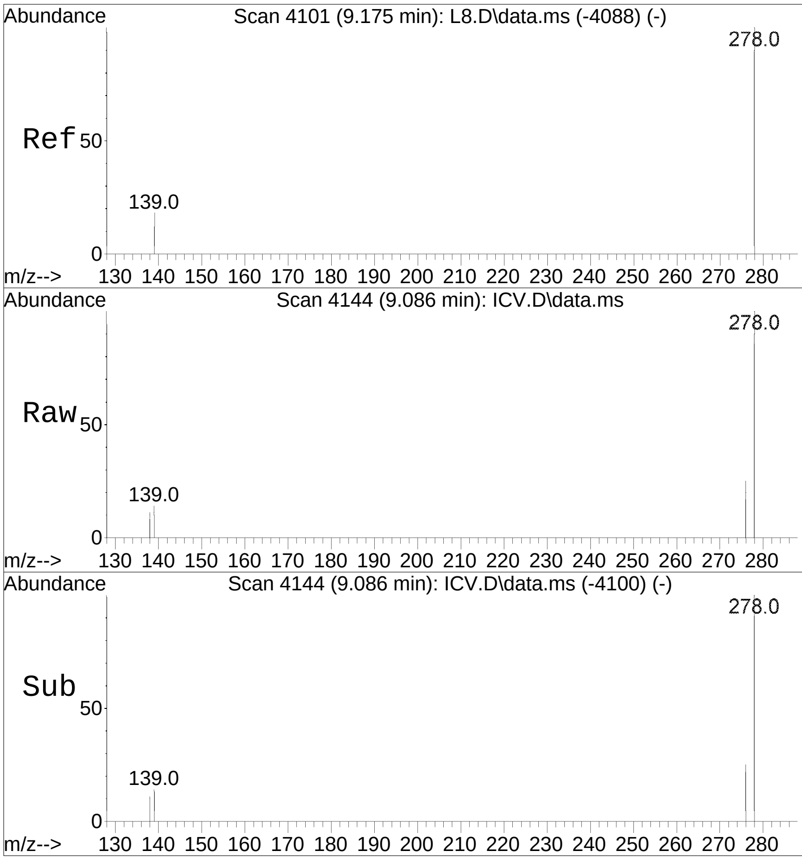


#40
Indeno[1,2,3-cd]pyrene
Concen: 1108.58 ng/ml
RT: 9.044 min Scan# 4120
Delta R.T. -0.008 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:276 Resp: 570718

Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.9	25.3

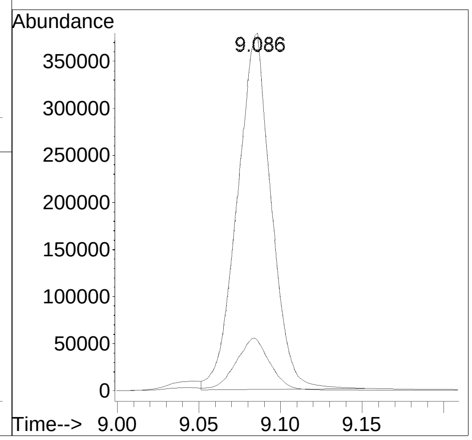


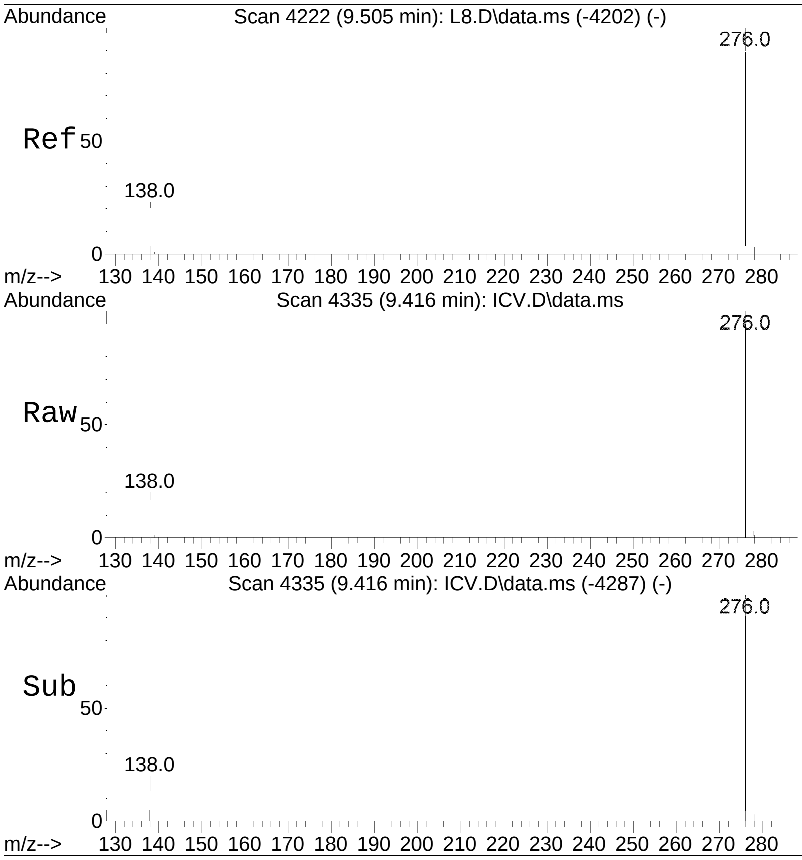


#41
Dibenzo[a,h]anthracene
Concen: 1143.97 ng/ml
RT: 9.086 min Scan# 4144
Delta R.T. -0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:278 Resp: 546347

Ion	Ratio	Lower	Upper
278	100		
139	14.8	14.6	22.0

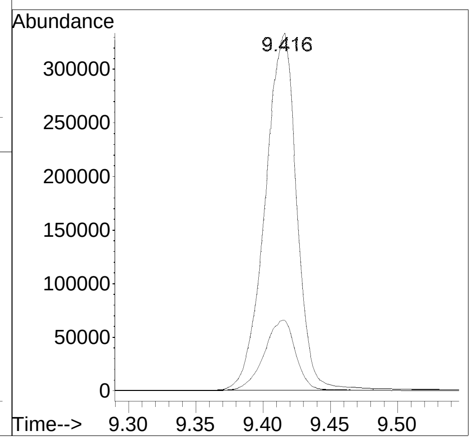




#42
Benzo[g,h,i]perylene
Concen: 1106.01 ng/ml
RT: 9.416 min Scan# 4335
Delta R.T. 0.002 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:276 Resp: 541938

Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.6	28.0



Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : ICV.D                    Operator    : sv119:jjw
Date Inj'd  : 12/29/2024  4:26 pm      Instrument  : SV119
Sample      : CQICV,32,, #10884 1000 ng/Quant Date  : 12/31/2024  4:06 pm
```

There are no manual integrations or false positives in this file.

Evaluate Relative Error Report SV119

Method Path : I:\8270SIM\sv119\241229RVTical\
Method File : SIM-RVT_241229_sv119.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Dec 30 14:10:06 2024

COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
23 T 4,6-Dinitro-o-cresol	L	ng/ml	1000.0	928.938	-7.1	40.00	51.908	29.8
25 T Pentachlorophenol	Q	ng/ml	1000.0	975.015	-2.5	10.00	12.918	29.2
32 T Benzo[a]anthracene	L	ng/ml	1000.0	993.722	-0.6	1.00	0.997	-0.3
33 T 3,3'-Dichlorobenzidine	L	ng/ml	1000.0	900.458	-10.0	40.00	53.130	32.8

Calibration Correlation Report

COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
23 T 4,6-Dinitro-o-cresol	Linear	0.997522	0.000000	0.134994	-0.000924672
25 T Pentachlorophenol	Quadratic	0.996099	0.027892	0.111421	0.00022454
32 T Benzo[a]anthracene	Linear	0.999536	0.000000	1.40593	0.00274239
33 T 3,3'-Dichlorobenzidine	Linear	0.996198	0.000000	0.516632	-0.00349123

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2511919	
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504	
Instrument ID	: SV119	Calibration Date	: 03/09/25 07:56	
Lab File ID	: CCV0309	Init. Calib. Date(s)	: 12/29/24	12/29/24
Sample No	: WG2038229-3	Init. Calib. Times	: 13:37	16:09
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	98	0
2-Fluorophenol	1.072	1.081	.05	-0.8	20	99	0
Phenol-d6	1.338	1.38	.05	-3.1	20	100	0
Bis(2-chloroethyl)ether	1.235	1.21	.05	2	20	102	0
n-nitrosodi-n-propylamine	0.827	0.881	.05	-6.5	20	104	0
Hexachloroethane	0.518	0.502	.05	3.1	20	99	0
Nitrobenzene-d5	1.297	1.28	.05	1.3	20	98	0
Naphthalene-d8	1	1	.05	0	20	104	0
Naphthalene	1.116	0.989	.05	11.4	20	98	0
Hexachlorobutadiene	0.196	0.163	.05	16.8	20	91	0
2-Methylnaphthalene	0.78	0.647	.05	17.1	20	90	0
1-Methylnaphthalene	0.718	0.661	.05	7.9	20	100	0
2-Fluorobiphenyl	0.975	0.828	.05	15.1	20	94	0
2-Chloronaphthalene	0.805	0.71	.05	11.8	20	96	0
2,6-Dinitrotoluene	0.198	0.191	.05	3.5	20	98	0
Acenaphthylene	1.247	1.207	.05	3.2	20	104	0
Acenaphthene-d10	1	1	.05	0	20	99	0
Acenaphthene	1.334	1.238	.05	7.2	20	95	0
2,4-Dinitrotoluene	0.424	0.441	.05	-4	20	98	0
Fluorene	1.533	1.507	.05	1.7	20	98	0
2,4,6-Tribromophenol	0.175	0.181	.05	-3.4	20	96	0
Phenanthrene-d10	1	1	.05	0	20	97	0
4,6-Dinitro-o-cresol	1000	841.86	.05	15.8	20	88	0
Hexachlorobenzene	0.236	0.209	.05	11.4	20	93	0
Pentachlorophenol	1000	630.852	.05	36.9*	20	62	0
Phenanthrene	1.17	1.072	.05	8.4	20	94	0
Anthracene	1.173	1.128	.05	3.8	20	97	0
Fluoranthene	1.463	1.349	.05	7.8	20	94	0
Pyrene	1.51	1.384	.05	8.3	20	94	0
4-Terphenyl-d14	0.992	0.853	.05	14	20	87	0
Chrysene-d12	1	1	.05	0	20	90	0
Benzo[a]anthracene	1000	954.271	.05	4.6	20	86	0
3,3'-Dichlorobenzidine	1000	1184.98	.05	-18.5	20	119	0
Chrysene	1.377	1.247	.05	9.4	20	85	0
Bis(2-ethylhexyl)phthalate	0.714	0.945	.05	-32.4*	20	115	0
Perylene-d12	1	1	.05	0	20	87	0
Benzo[b]fluoranthene	1.326	1.314	.05	0.9	20	86	0
Benzo[k]fluoranthene	1.307	1.271	.05	2.8	20	85	0
Benzo[a]pyrene	1.125	1.213	.05	-7.8	20	92	0
Indeno[1,2,3-cd]pyrene	1.089	1.136	.05	-4.3	20	87	0
Dibenzo[a,h]anthracene	1.01	1.083	.05	-7.2	20	87	0
Benzo[g,h,i]perylene	1.036	1.071	.05	-3.4	20	87	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : ccv0309.D
Acq On   : 09 Mar 2025 07:56 am
Operator : sv119:kmh
Sample   : wg2038229-3,32,,ICV 11275 (0222e)
Misc   : wg2038229,,ical21826
ALS Vial : 49   Sample Multiplier: 1

Quant Time: Mar 09 08:11:21 2025
Quant Method : I:\8270SIM\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:13 2025
Response via : Initial Calibration

Min. RRF   :   0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
2	T	N-Nitrosodimethylamine	0.000	0.716	0.0	0#	0.00
3	s	2-Fluorophenol	1.072	1.081	-0.8	99	0.00
4	s	Phenol-d6	1.338	1.380	-3.1	100	0.00
5	T	Bis(2-chloroethyl)ether	1.235	1.210	2.0	102	0.00
6	T	n-nitrosodi-n-propylamine	0.827	0.881	-6.5	104	0.00
7	t	Hexachloroethane	0.518	0.502	3.1	99	0.00
8	s	Nitrobenzene-d5	1.297	1.280	1.3	98	0.00
9	i	Naphthalene-d8	1.000	1.000	0.0	104	0.00
10	t	Naphthalene	1.116	0.989	11.4	98	0.00
11	t	Hexachlorobutadiene	0.196	0.163	16.8	91	0.00
12	t	2-Methylnaphthalene	0.780	0.647	17.1	90	0.00
13	t	1-Methylnaphthalene	0.718	0.661	7.9	100	0.00
14	s	2-Fluorobiphenyl	0.975	0.828	15.1	94	0.00
15	t	2-Chloronaphthalene	0.805	0.710	11.8	96	0.00
16	t	2,6-Dinitrotoluene	0.198	0.191	3.5	98	0.00
17	t	Acenaphthylene	1.247	1.207	3.2	104	0.00
18	i	Acenaphthene-d10	1.000	1.000	0.0	99	0.00
19	t	Acenaphthene	1.334	1.238	7.2	95	0.00
20	t	2,4-Dinitrotoluene	0.424	0.441	-4.0	98	0.00
21	t	Fluorene	1.533	1.507	1.7	98	0.00
22	s	2,4,6-Tribromophenol	0.175	0.181	-3.4	96	0.00
23	i	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
24	T	4,6-Dinitro-o-cresol	*1000.000	841.860	15.8	88	0.00
25	t	Hexachlorobenzene	0.236	0.209	11.4	93	0.00
26	t	Pentachlorophenol	*1000.000	630.852	36.9#	62	0.00
27	t	Phenanthrene	1.170	1.072	8.4	94	0.00
28	t	Anthracene	1.173	1.128	3.8	97	0.00
29	t	Fluoranthene	1.463	1.349	7.8	94	0.00
30	t	Pyrene	1.510	1.384	8.3	94	0.00
31	T	Benzidine	0.000	0.897	0.0	0#	0.00
32	s	4-Terphenyl-d14	0.992	0.853	14.0	87	0.00
33	i	Chrysene-d12	1.000	1.000	0.0	90	0.00
34	t	Benzo[a]anthracene	*1000.000	954.271	4.6	86	0.00
35	t	3,3'-Dichlorobenzidine	*1000.000	1184.980	-18.5	119	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : ccv0309.D
Acq On : 09 Mar 2025 07:56 am
Operator : sv119:kmh
Sample : wg2038229-3,32,,ICV 11275 (0222e)
Misc : wg2038229,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 09 08:11:21 2025
Quant Method : I:\8270SIM\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:13 2025
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
36	t	Chrysene	1.377	1.247	9.4	85	0.00
37	T	Bis(2-ethylhexyl)phthalate	0.714	0.945	-32.4#	115	0.00
38	i	Perylene-d12	1.000	1.000	0.0	87	0.00
39	t	Benzo[b]fluoranthene	1.326	1.314	0.9	86	0.00
40	t	Benzo[k]fluoranthene	1.307	1.271	2.8	85	0.00
41	t	Benzo[a]pyrene	1.125	1.213	-7.8	92	0.00
42	t	Indeno[1,2,3-cd]pyrene	1.089	1.136	-4.3	87	0.00
43	t	Dibenzo[a,h]anthracene	1.010	1.083	-7.2	87	0.00
44	t	Benzo[g,h,i]perylene	1.036	1.071	-3.4	87	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : ccv0309.D
Acq On : 09 Mar 2025 07:56 am
Operator : sv119:kmh
Sample : wg2038229-3,32,,ICV 11275 (0222e)
Misc : wg2038229,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 09 08:11:21 2025
Quant Method : I:\8270SIM\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:13 2025
Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.202	152	300990	4000.000	ng/ml	0.00
9) Naphthalene-d8	2.857	136	1196740	4000.000	ng/ml	0.00
18) Acenaphthene-d10	3.827	164	705892	4000.000	ng/ml	0.00
23) Phenanthrene-d10	4.660	188	1477541	4000.000	ng/ml	0.00
33) Chrysene-d12	6.203	240	1392900	4000.000	ng/ml	0.00
38) Perylene-d12	7.380	264	1362393	4000.000	ng/ml	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	1.632	112	81378	1009.068	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery =	50.45%		
4) Phenol-d6	2.033	99	103855	1031.774	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery =	51.59%		
8) Nitrobenzene-d5	2.482	82	96315	986.747	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery =	98.67%		
14) 2-Fluorobiphenyl	3.448	172	247769	849.050	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery =	84.91%		
22) 2,4,6-Tribromophenol	4.271	330	31970	1037.698	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery =	51.88%		
32) 4-Terphenyl-d14	5.572	244	314974	859.309	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery =	85.93%		

Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.187	74	53856	No Calib #		
5) Bis(2-chloroethyl)ether	2.068	93	91038	979.897	ng/ml	90
6) n-nitrosodi-n-propylamine	2.401	70	66276	1064.424	ng/ml	99
7) Hexachloroethane	2.455	117	37789	968.629	ng/ml	96
10) Naphthalene	2.869	128	295953	886.697	ng/ml	100
11) Hexachlorobutadiene	2.938	225	48662	828.462	ng/ml	100
12) 2-Methylnaphthalene	3.244	142	193440	829.350	ng/ml	98
13) 1-Methylnaphthalene	3.300	142	197837	921.188	ng/ml	97
15) 2-Chloronaphthalene	3.515	162	212496	882.122	ng/ml	93
16) 2,6-Dinitrotoluene	3.711	165	57217	963.823	ng/ml	91
17) Acenaphthylene	3.745	152	361125	968.022	ng/ml	100
19) Acenaphthene	3.843	153	218429	927.801	ng/ml	94
20) 2,4-Dinitrotoluene	3.940	165	77906	1040.267	ng/ml#	61
21) Fluorene	4.133	166	266000	983.423	ng/ml	97
24) 4,6-Dinitro-o-cresol	4.170	198	40613	841.860	ng/ml	100
25) Hexachlorobenzene	4.449	284	77239	886.851	ng/ml	95
26) Pentachlorophenol	4.567	266	27321	630.852	ng/ml	99
27) Phenanthrene	4.673	178	395997	916.637	ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : ccv0309.D
Acq On : 09 Mar 2025 07:56 am
Operator : sv119:kmh
Sample : wg2038229-3,32,,ICV 11275 (0222e)
Misc : wg2038229,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 09 08:11:21 2025
Quant Method : I:\8270SIM\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:13 2025
Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
28) Anthracene	4.701	178	416564	961.736 ng/ml	99
29) Fluoranthene	5.352	202	498156	921.677 ng/ml	99
30) Pyrene	5.480	202	511326	916.541 ng/ml	100
31) Benzidine	5.430	184	331379	No Calib #	
34) Benzo[a]anthracene	6.196	228	471011	954.271 ng/ml	100
35) 3,3'-Dichlorobenzidine	6.182	252	208320	1184.980 ng/ml	99
36) Chrysene	6.219	228	434122	905.197 ng/ml	100
37) Bis(2-ethylhexyl)phtha...	6.214	149	329152	1322.974 ng/ml	98
39) Benzo[b]fluoranthene	7.013	252	447409	990.892 ng/ml	98
40) Benzo[k]fluoranthene	7.035	252	433050	972.575 ng/ml	99
41) Benzo[a]pyrene	7.313	252	413199	1078.489 ng/ml	99
42) Indeno[1,2,3-cd]pyrene	8.565	276	386988M6	1043.335 ng/ml	
43) Dibenzo[a,h]anthracene	8.596	278	368961M6	1072.280 ng/ml	
44) Benzo[g,h,i]perylene	8.902	276	364868	1033.536 ng/ml	97

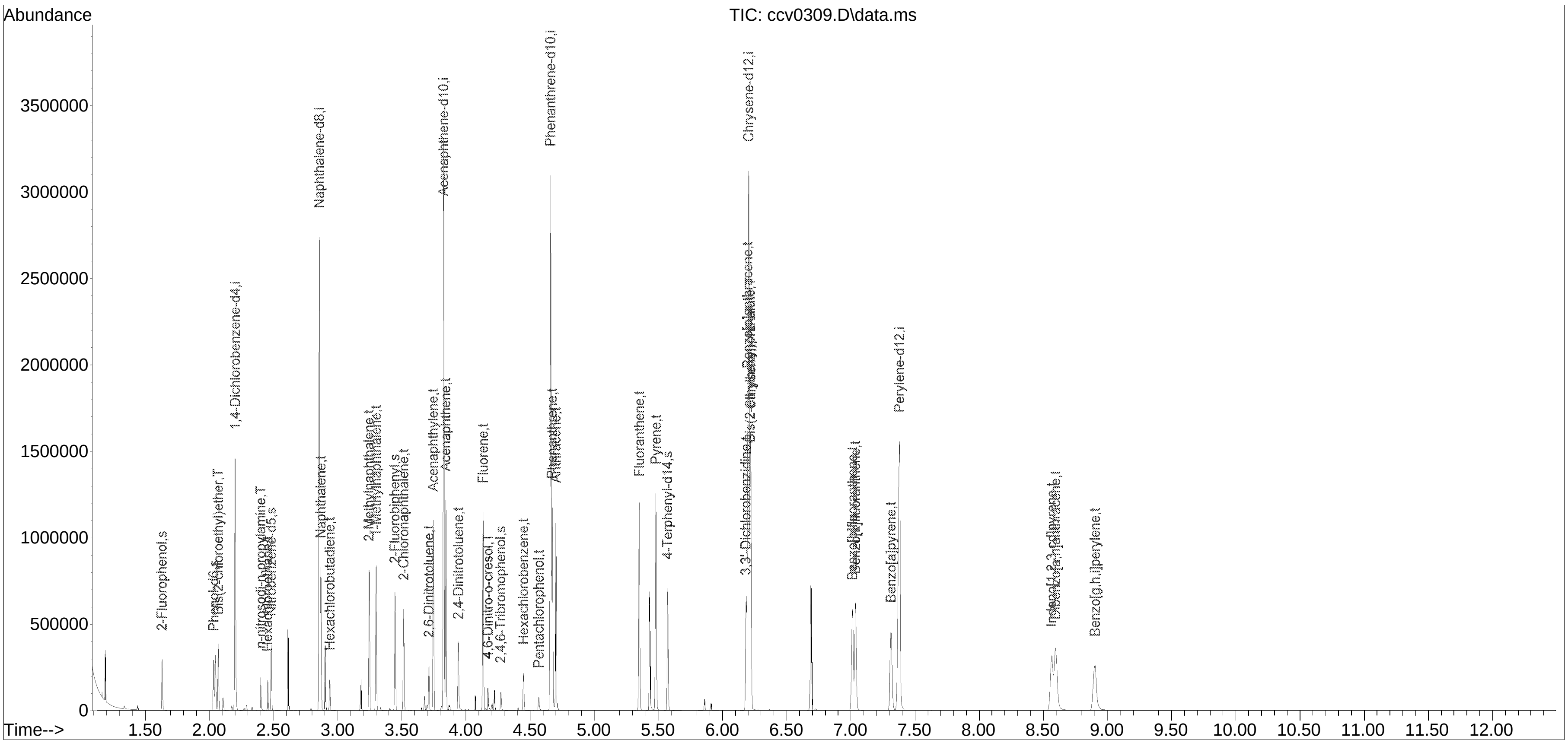
(#) = qualifier out of range (m) = manual integration (+) = signals summed

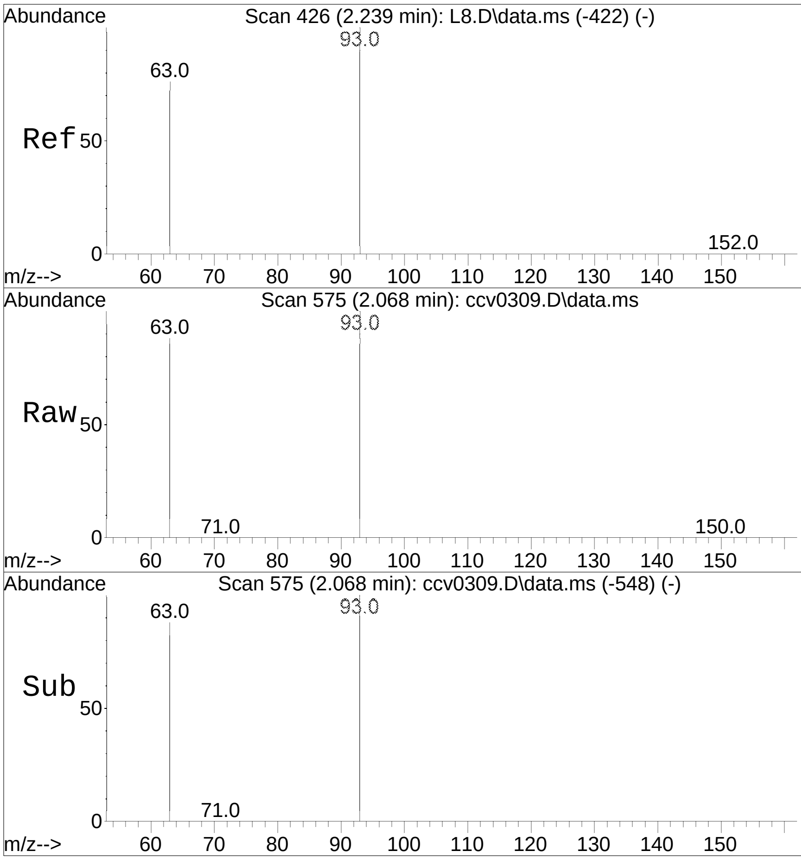
Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : ccv0309.D
Acq On   : 09 Mar 2025 07:56 am
Operator : sv119:kmh
Sample   : wg2038229-3,32,,ICV 11275 (0222e)
Misc   : wg2038229,,ical21826
ALS Vial : 49   Sample Multiplier: 1

Quant Time: Mar 09 08:11:21 2025
Quant Method : I:\8270SIM\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:13 2025
Response via : Initial Calibration

Sub List   : Default - All compounds listed

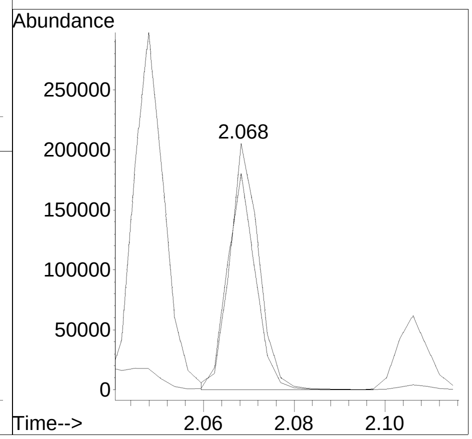


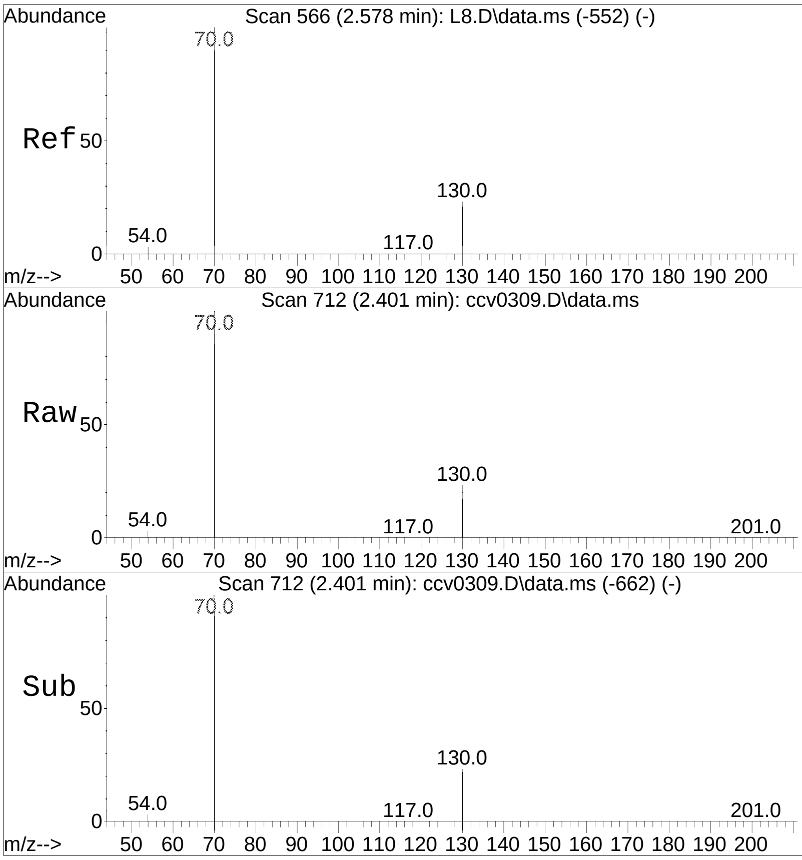


#5
Bis(2-chloroethyl)ether
Concen: 979.90 ng/ml
RT: 2.068 min Scan# 575
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion: 93 Resp: 91038

Ion	Ratio	Lower	Upper
93	100		
63	85.6	61.7	92.5

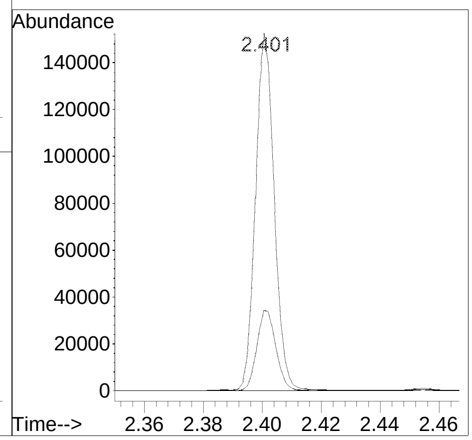


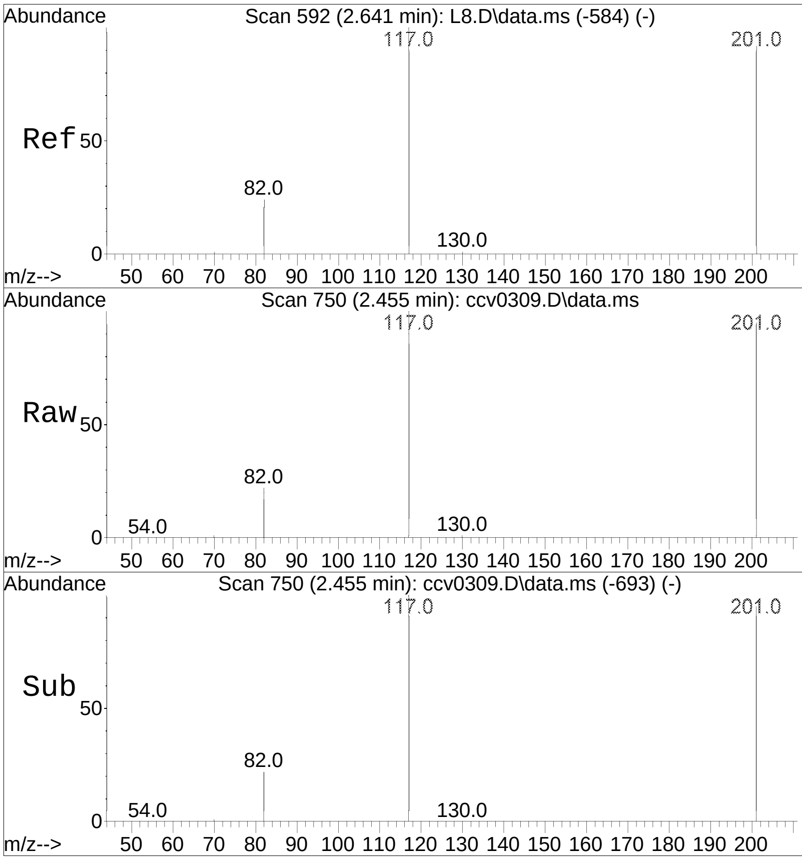


#6
n-nitrosodi-n-propylamine
Concen: 1064.42 ng/ml
RT: 2.401 min Scan# 712
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion: 70 Resp: 66276

Ion	Ratio	Lower	Upper
70	100		
130	22.9	18.1	27.1

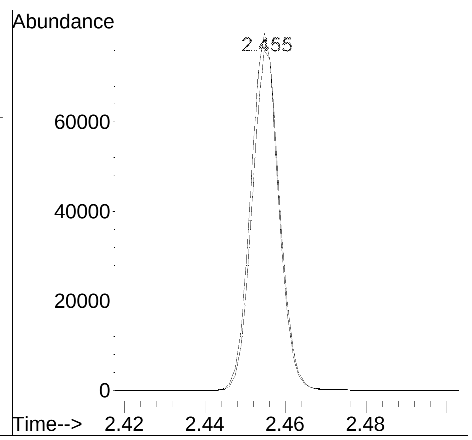


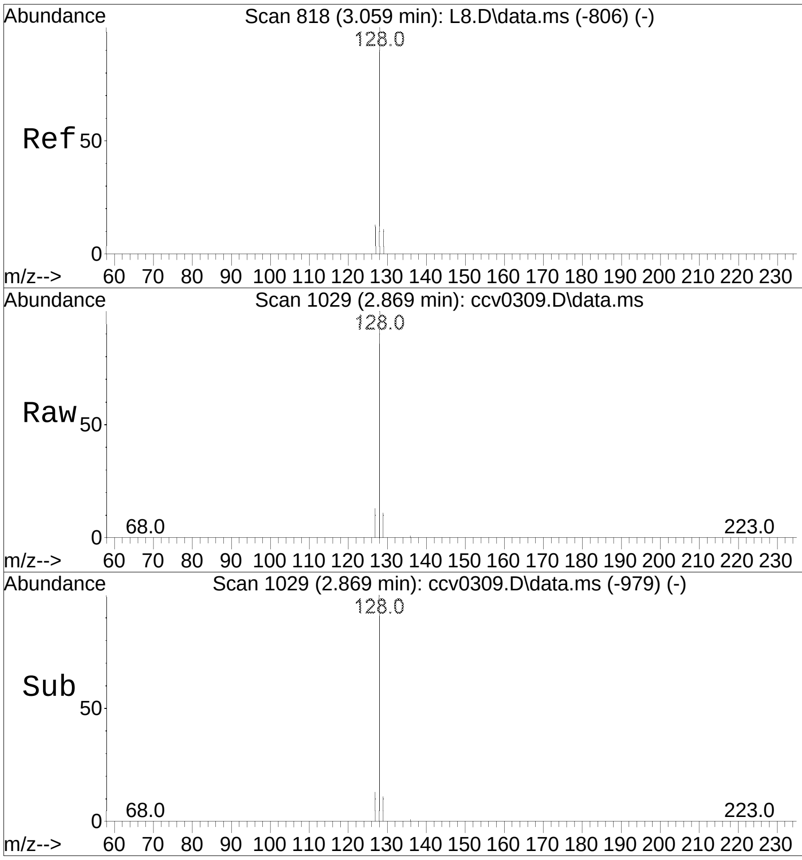


#7
Hexachloroethane
Concen: 968.63 ng/ml
RT: 2.455 min Scan# 750
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:117 Resp: 37789

Ion	Ratio	Lower	Upper
117	100		
201	95.6	79.3	118.9

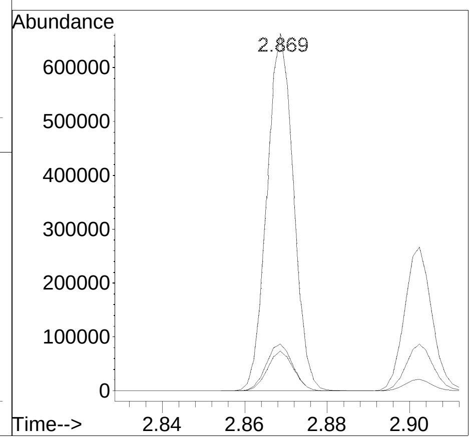


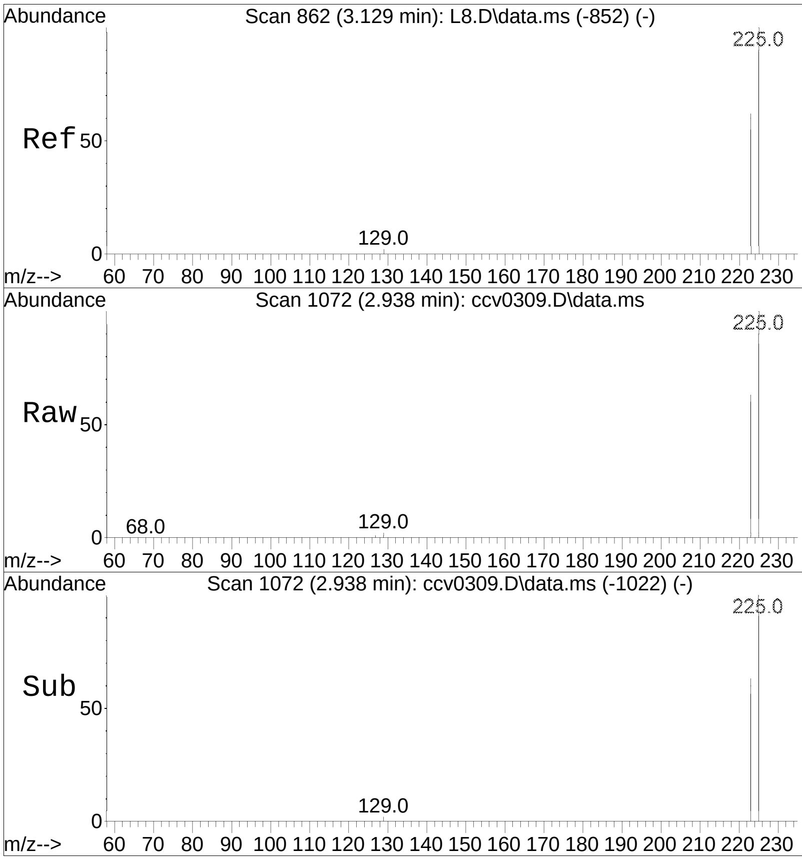


#10
Naphthalene
Concen: 886.70 ng/ml
RT: 2.869 min Scan# 1029
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:128 Resp: 295953

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.2	10.5	15.7

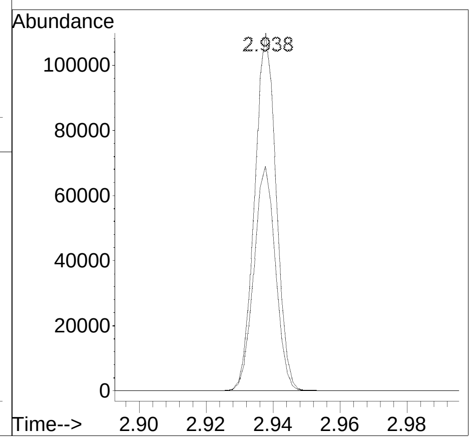


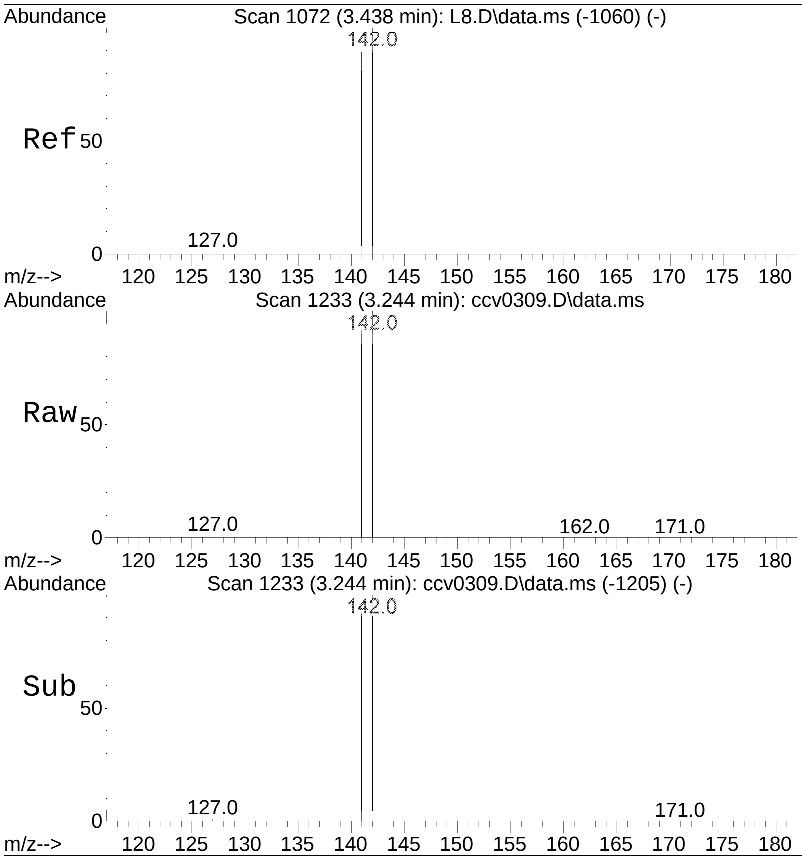


#11
Hexachlorobutadiene
Concen: 828.46 ng/ml
RT: 2.938 min Scan# 1072
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:225 Resp: 48662

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6

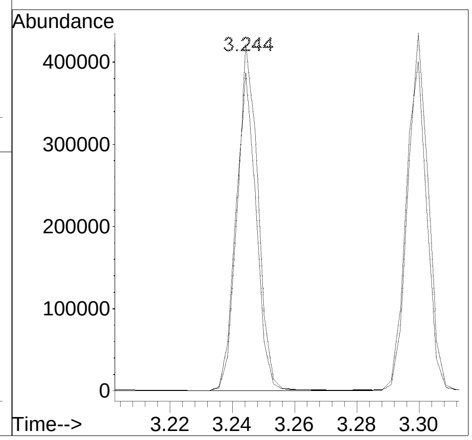


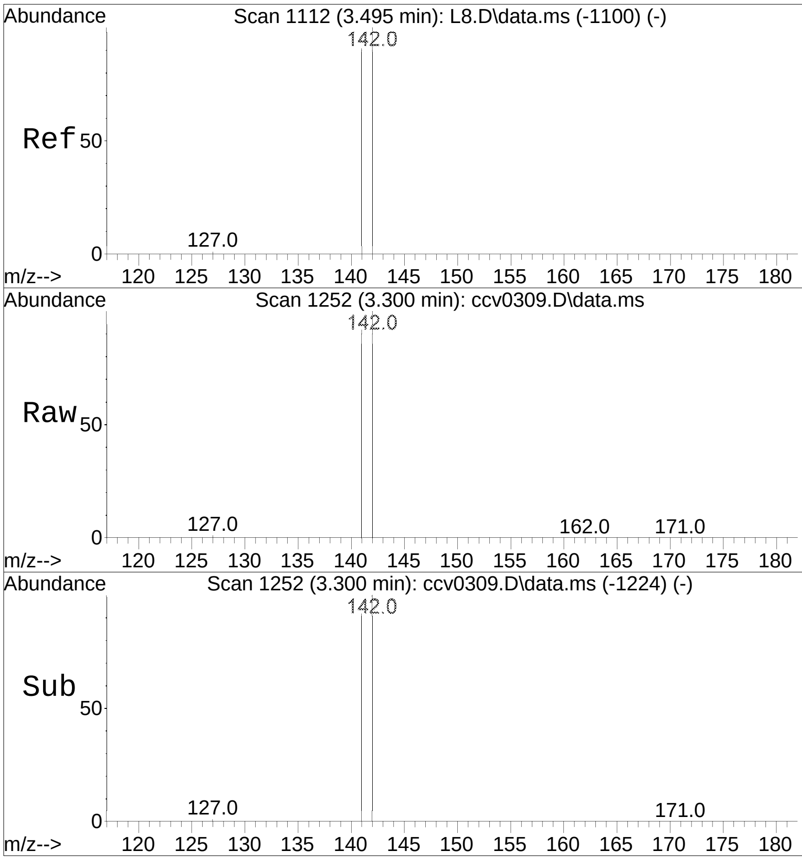


#12
2-Methylnaphthalene
Concen: 829.35 ng/ml
RT: 3.244 min Scan# 1233
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:142 Resp: 193440

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9

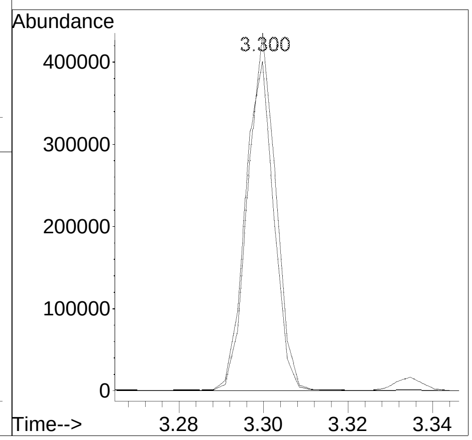


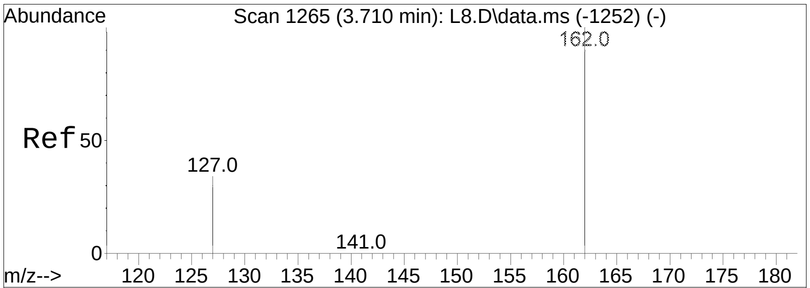


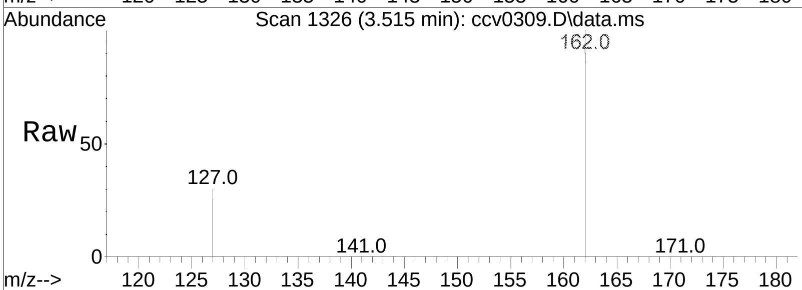
#13
1-Methylnaphthalene
Concen: 921.19 ng/ml
RT: 3.300 min Scan# 1252
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

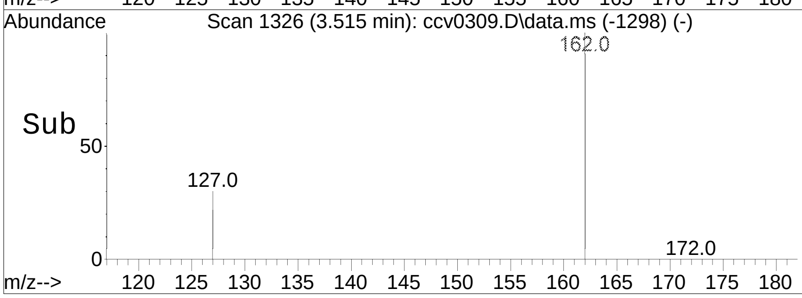
Tgt Ion:142 Resp: 197837

Ion	Ratio	Lower	Upper
142	100		
141	94.7	73.8	110.6





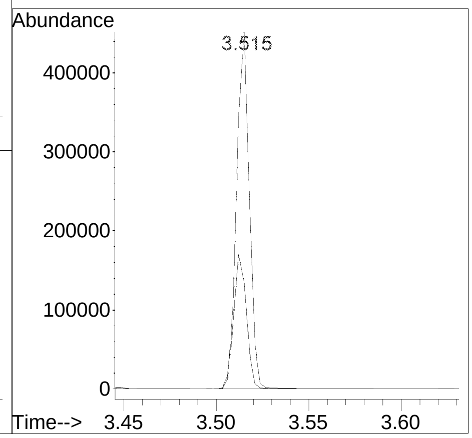


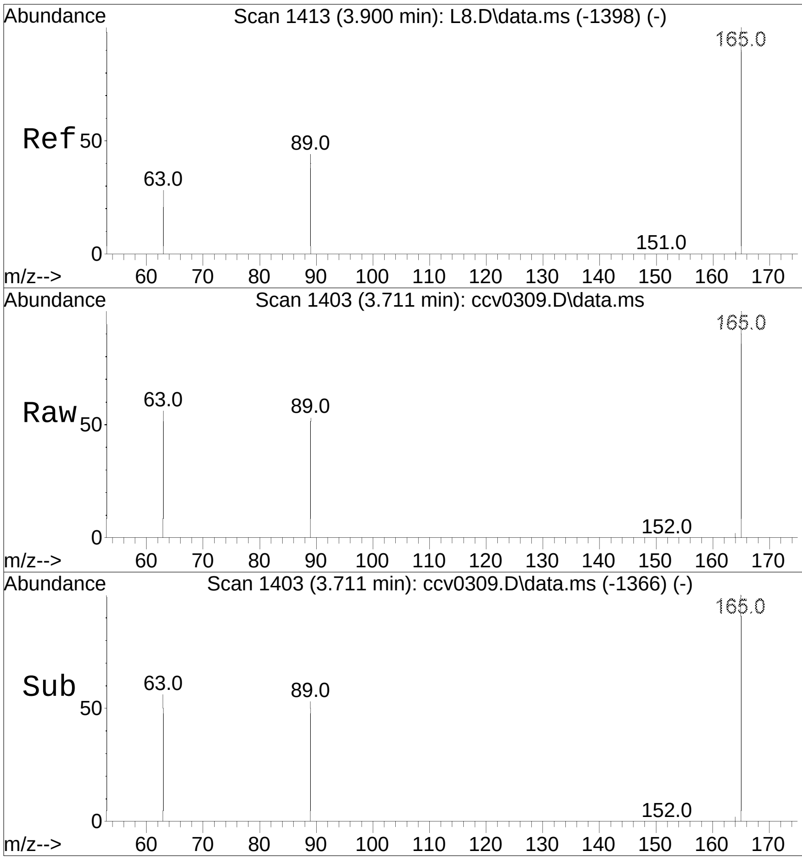


#15
2-Chloronaphthalene
Concen: 882.12 ng/ml
RT: 3.515 min Scan# 1326
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:162 Resp: 212496

Ion	Ratio	Lower	Upper
162	100		
127	38.2	27.4	41.0

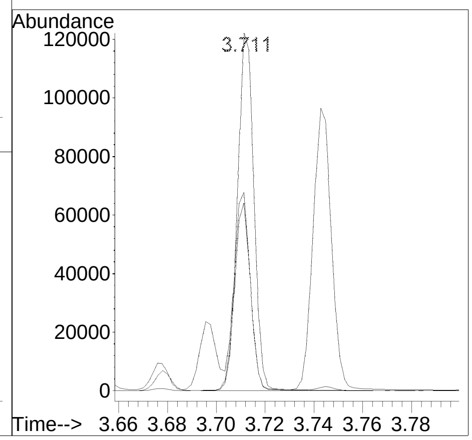


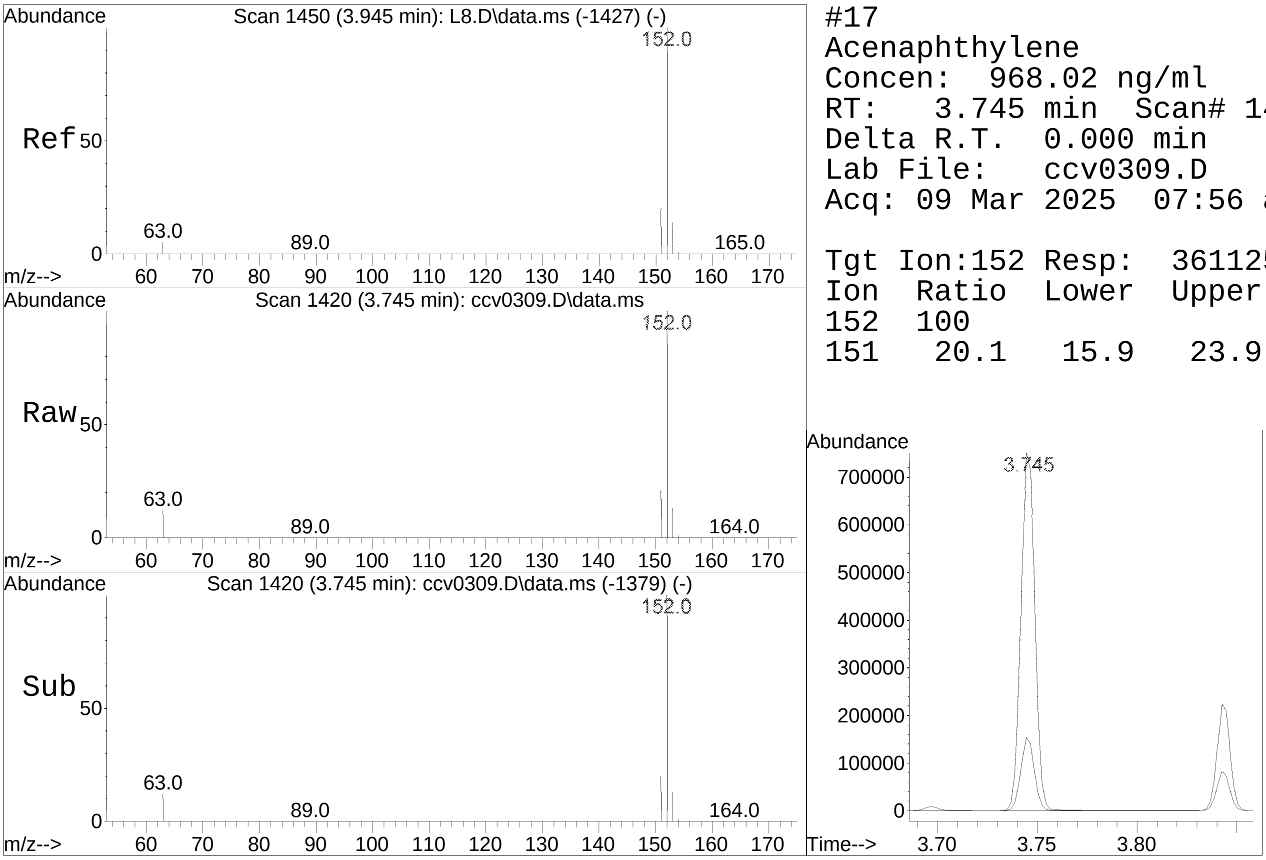


#16
2,6-Dinitrotoluene
Concen: 963.82 ng/ml
RT: 3.711 min Scan# 1403
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:165 Resp: 57217

Ion	Ratio	Lower	Upper
165	100		
89	51.5	37.8	56.8
63	54.0	36.9	55.3

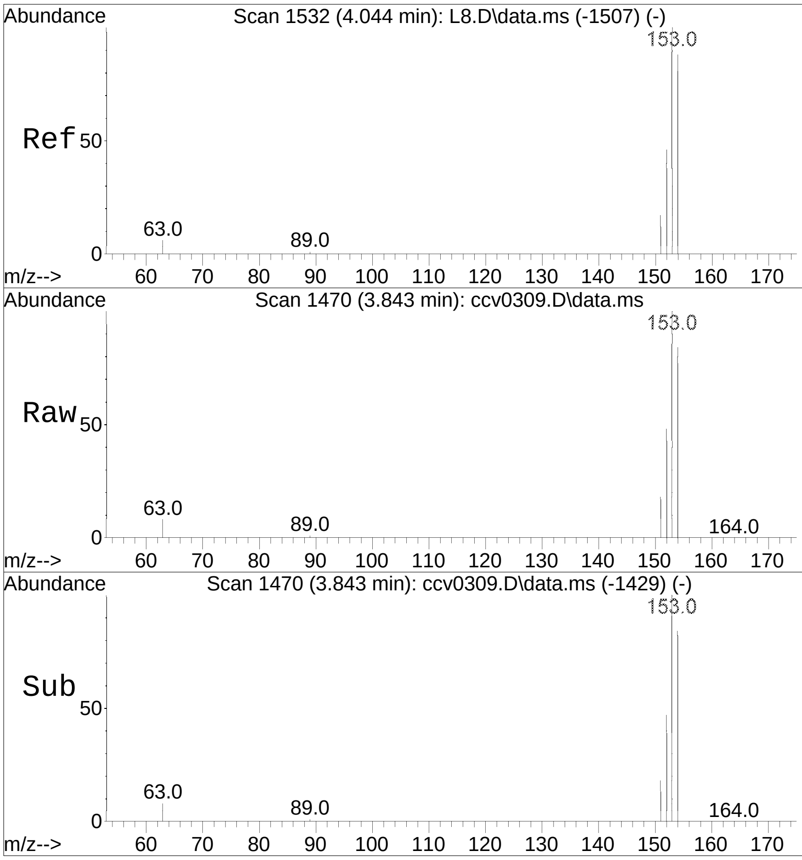




#17
Acenaphthylene
Concen: 968.02 ng/ml
RT: 3.745 min Scan# 1420
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:152 Resp: 361125

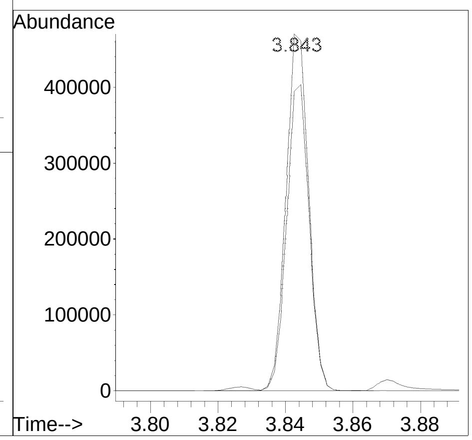
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9

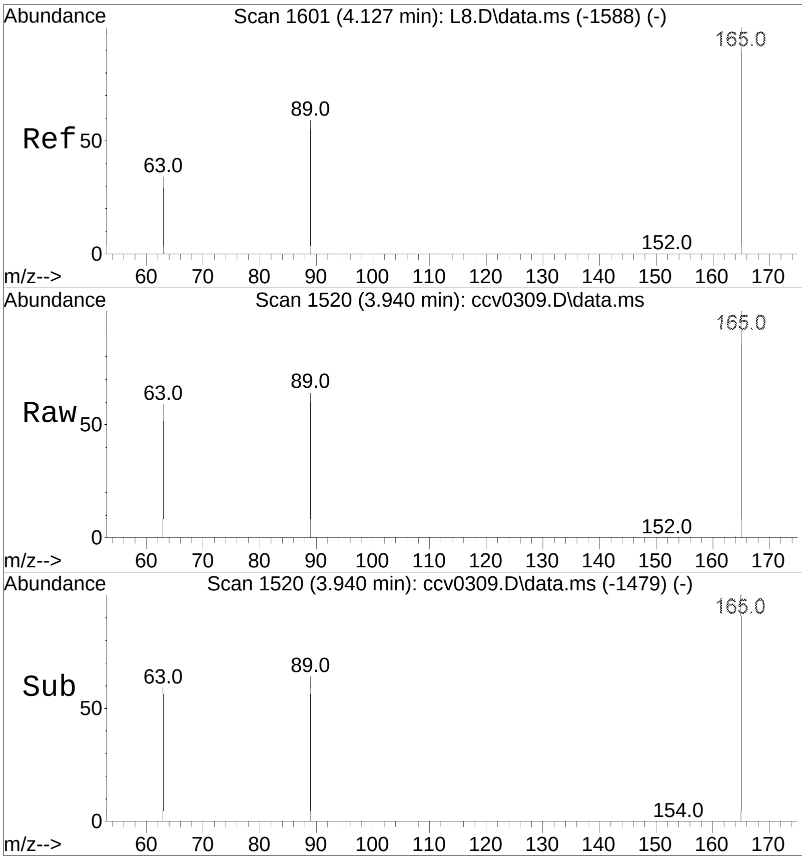


#19
Acenaphthene
Concen: 927.80 ng/ml
RT: 3.843 min Scan# 1470
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:153 Resp: 218429

Ion	Ratio	Lower	Upper
153	100		
154	85.3	73.1	109.7

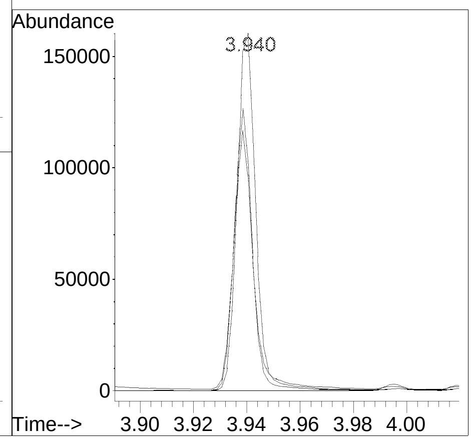


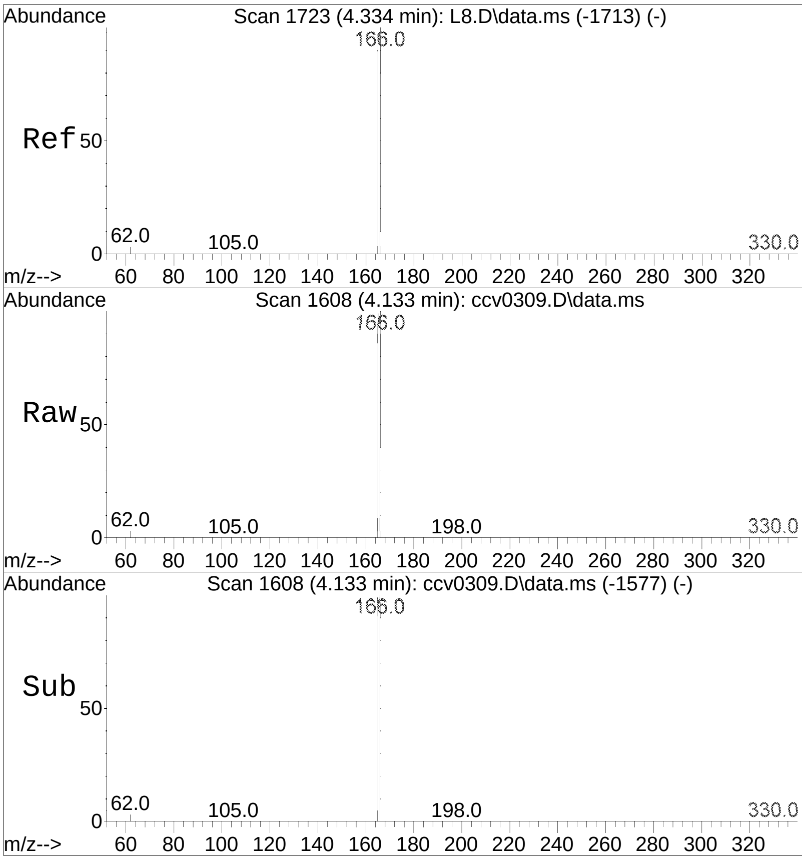


#20
2,4-Dinitrotoluene
Concen: 1040.27 ng/ml
RT: 3.940 min Scan# 1520
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:165 Resp: 77906

Ion	Ratio	Lower	Upper
165	100		
89	76.5	48.7	73.1#
63	76.4	28.6	42.8#

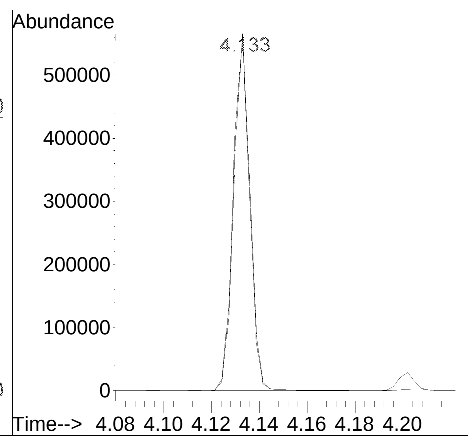


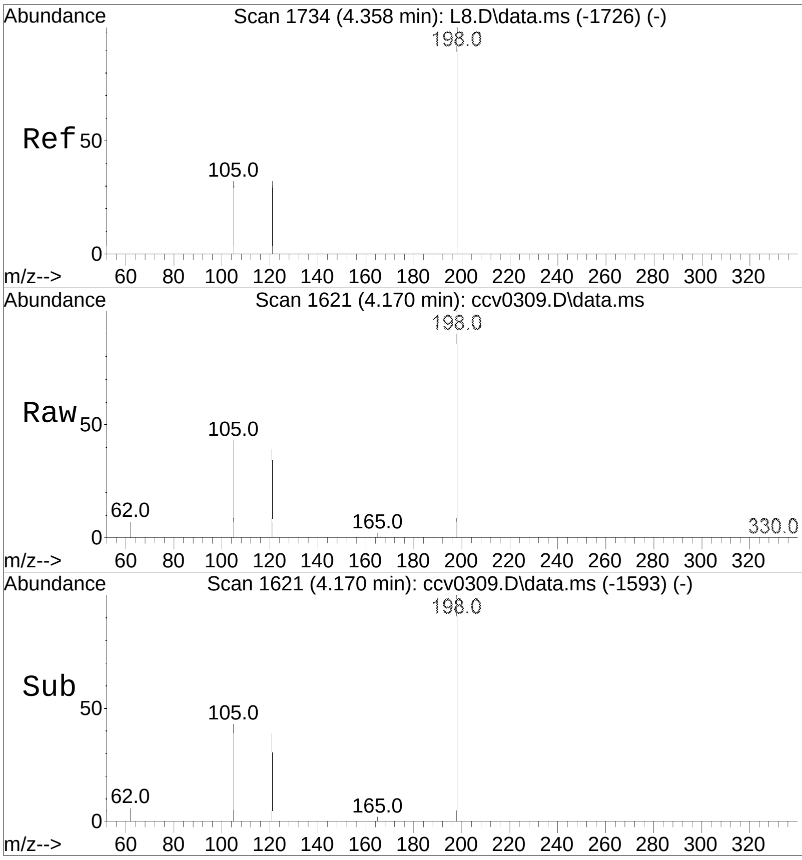


#21
Fluorene
Concen: 983.42 ng/ml
RT: 4.133 min Scan# 1608
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:166 Resp: 266000

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.8

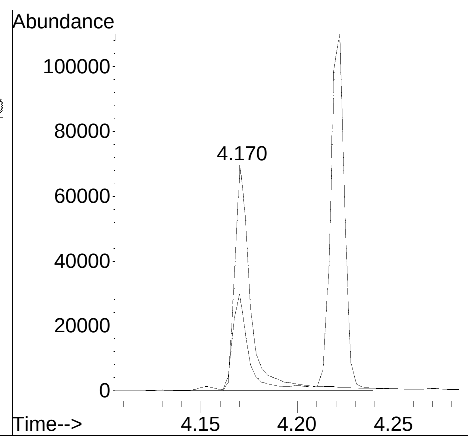


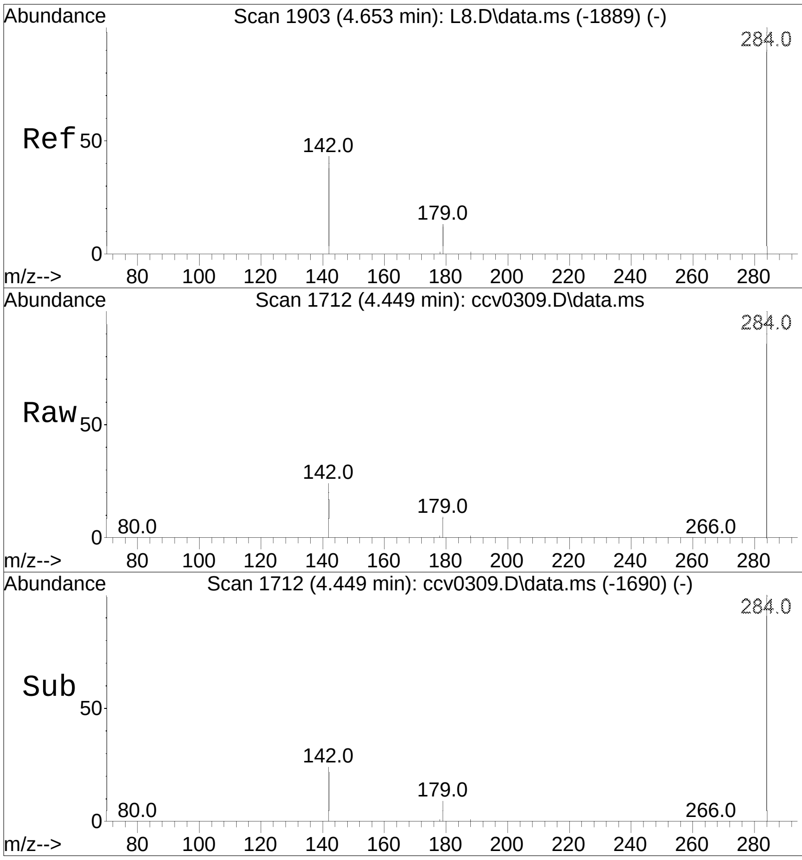


#24
4,6-Dinitro-o-cresol
Concen: 841.86 ng/ml
RT: 4.170 min Scan# 1621
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:198 Resp: 40613

Ion	Ratio	Lower	Upper
198	100		
105	38.1	30.6	45.8

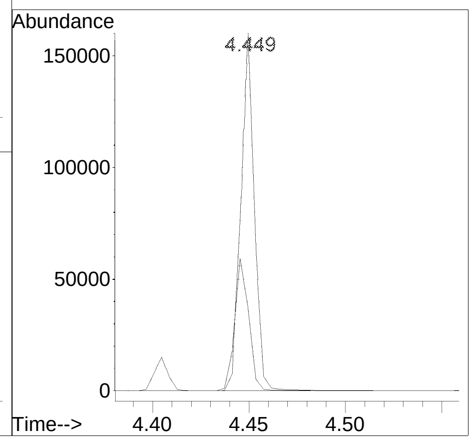


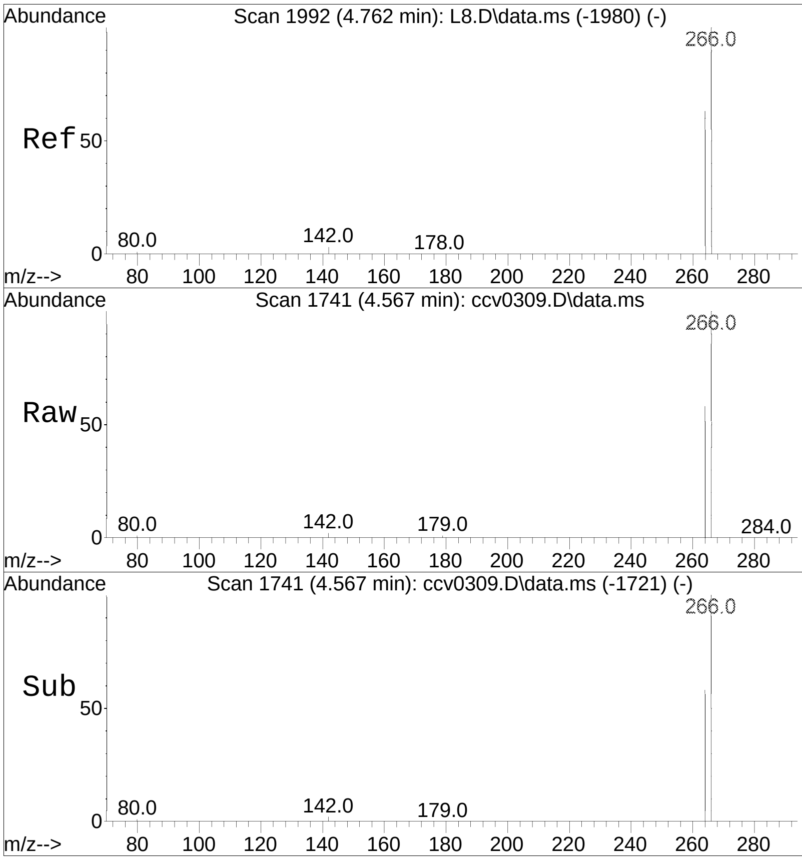


#25
Hexachlorobenzene
Concen: 886.85 ng/ml
RT: 4.449 min Scan# 1712
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:284 Resp: 77239

Ion	Ratio	Lower	Upper
284	100		
142	38.8	33.8	50.6

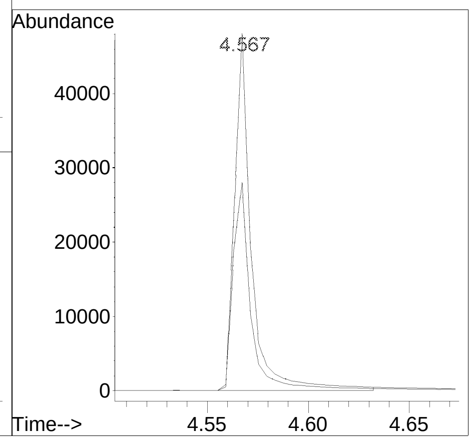


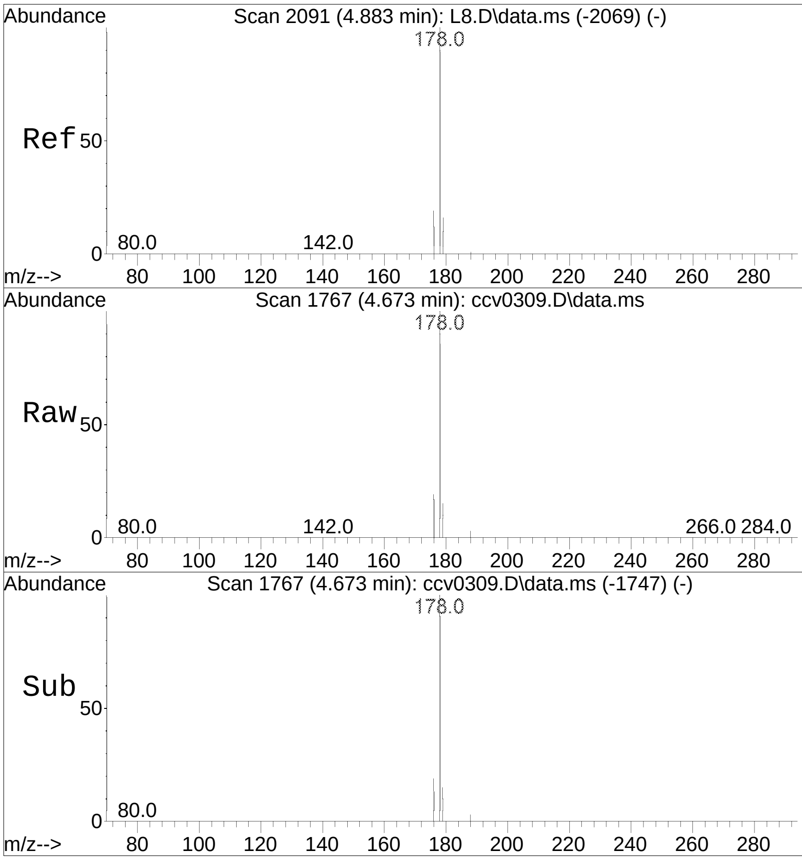


#26
Pentachlorophenol
Concen: 630.85 ng/ml
RT: 4.567 min Scan# 1741
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:266 Resp: 27321

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.8	76.2

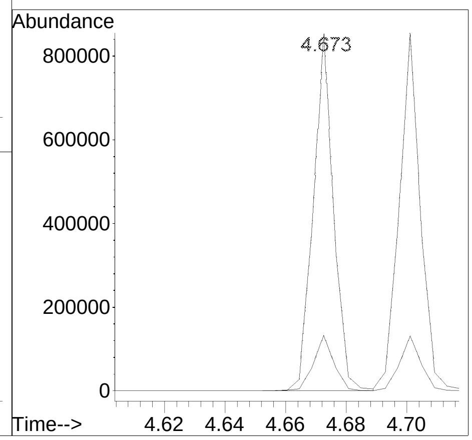


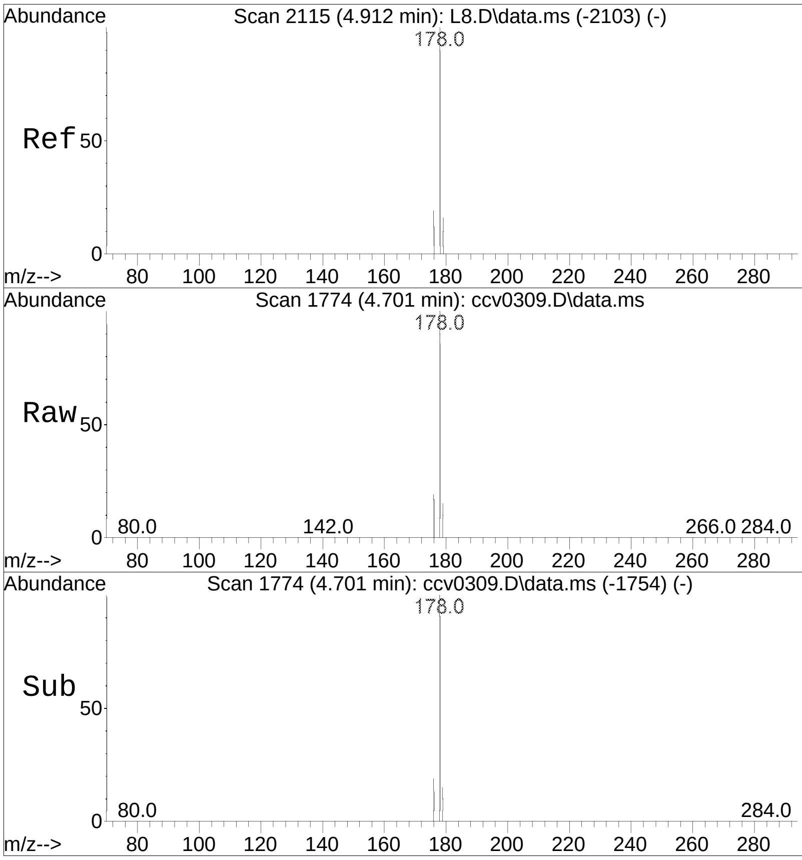


#27
Phenanthrene
Concen: 916.64 ng/ml
RT: 4.673 min Scan# 1767
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:178 Resp: 395997

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2

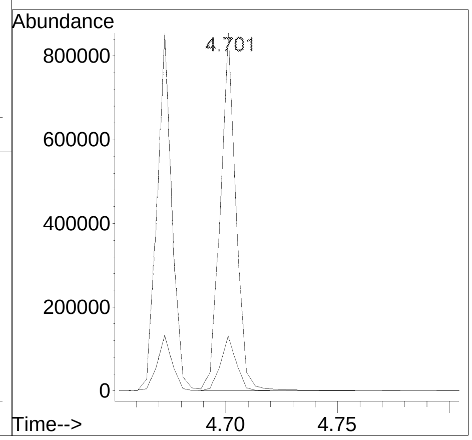


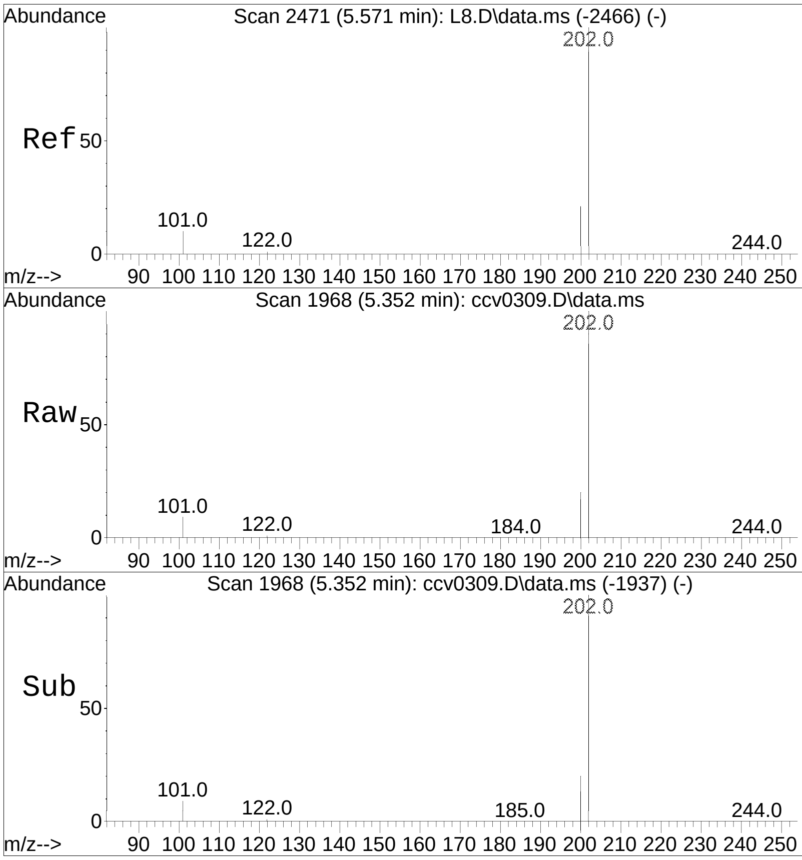


#28
Anthracene
Concen: 961.74 ng/ml
RT: 4.701 min Scan# 1774
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:178 Resp: 416564

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8

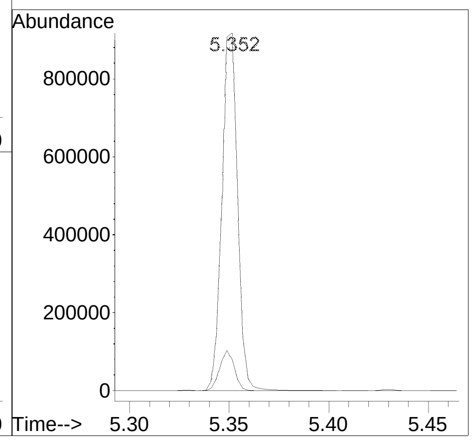


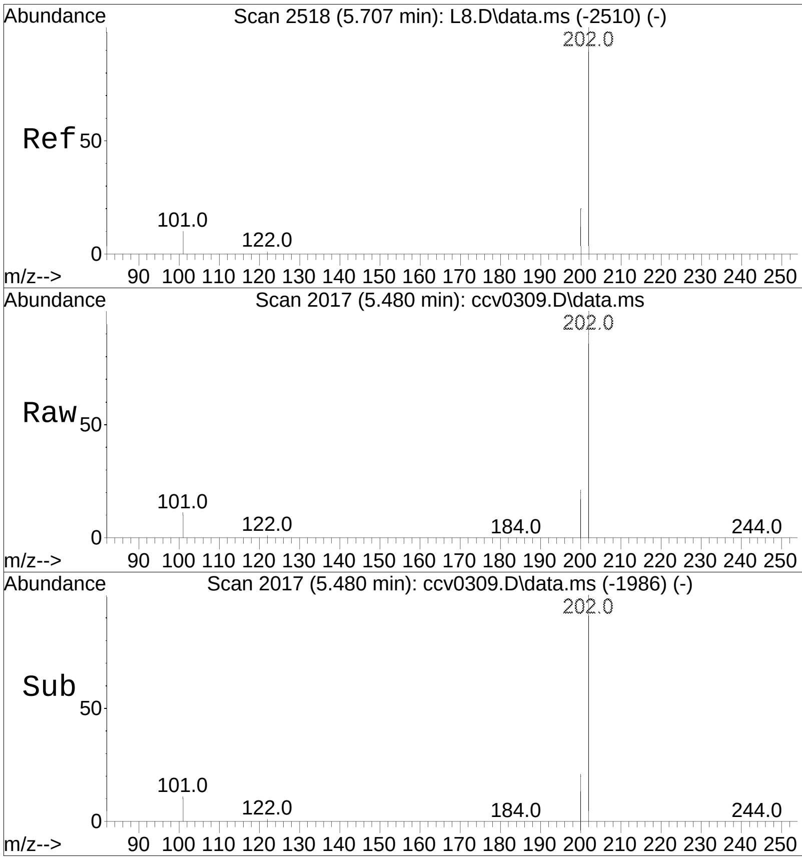


#29
Fluoranthene
Concen: 921.68 ng/ml
RT: 5.352 min Scan# 1968
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:202 Resp: 498156

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.2	12.2

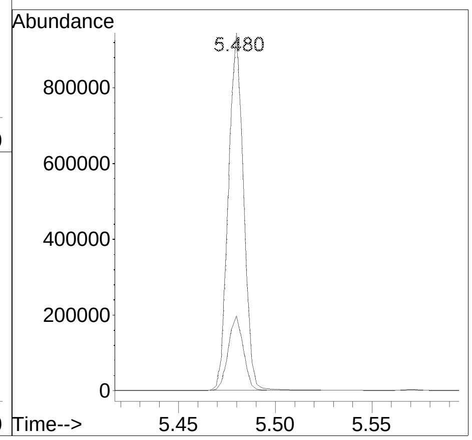


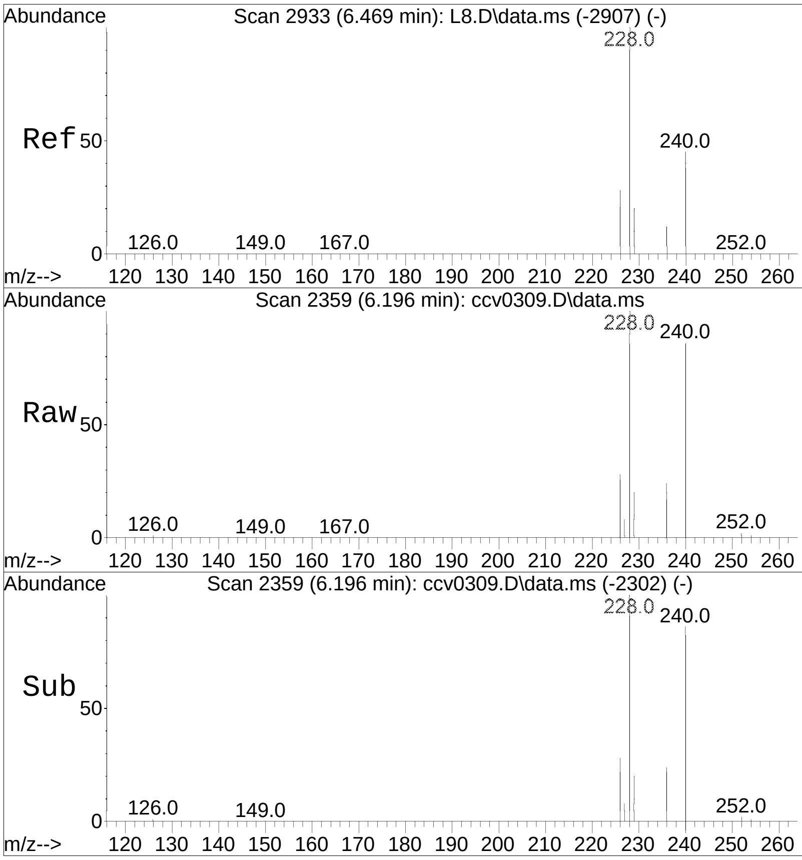


#30
Pyrene
Concen: 916.54 ng/ml
RT: 5.480 min Scan# 2017
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:202 Resp: 511326

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3

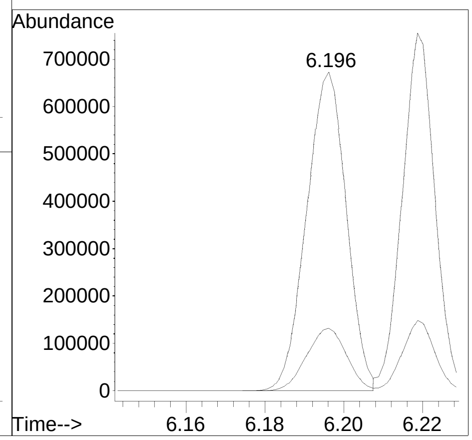


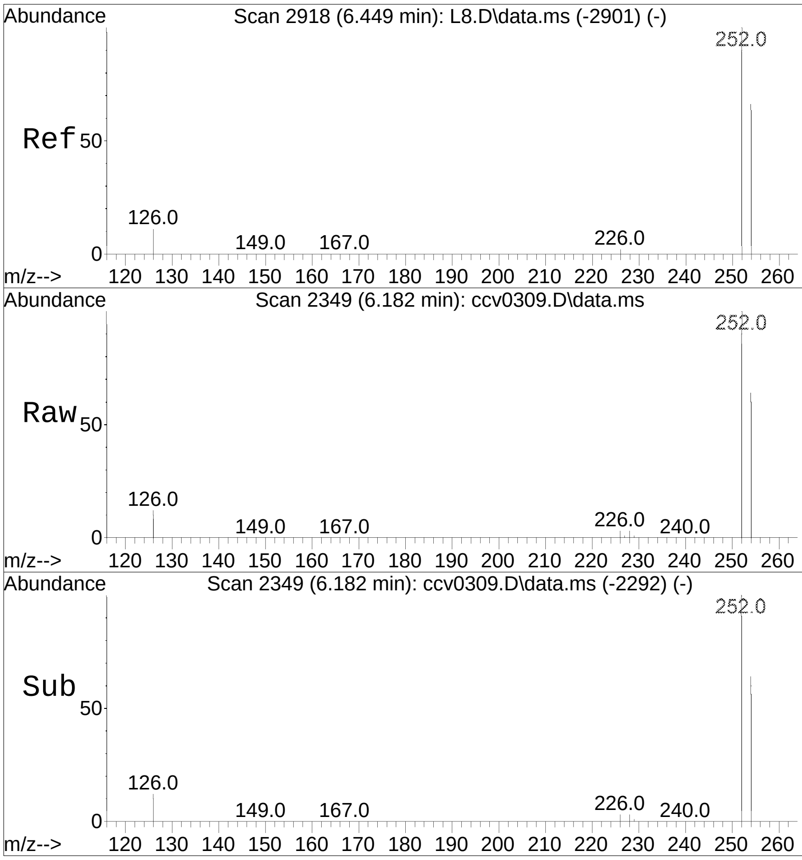


#34
Benzo[a]anthracene
Concen: 954.27 ng/ml
RT: 6.196 min Scan# 2359
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:228 Resp: 471011

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9

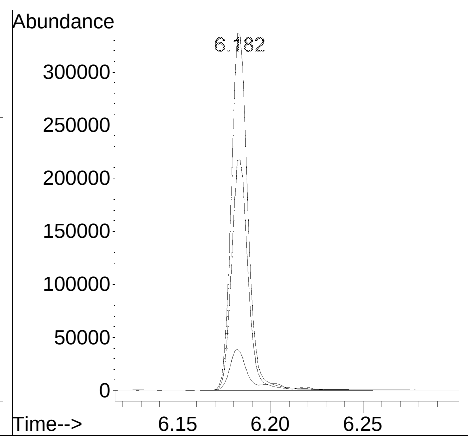


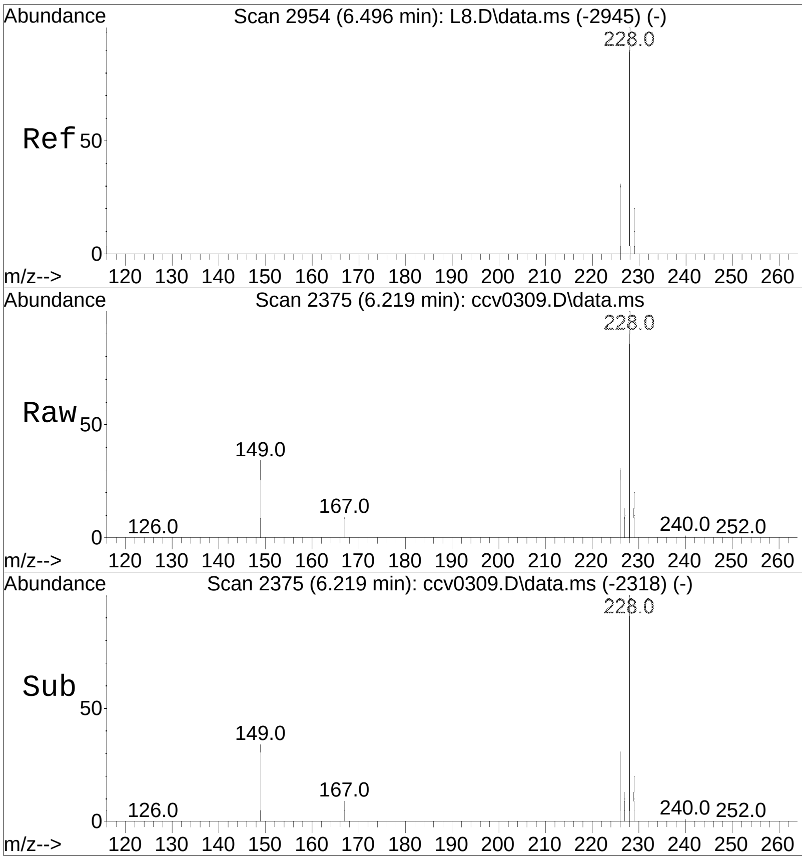


#35
3,3'-Dichlorobenzidine
Concen: 1184.98 ng/ml
RT: 6.182 min Scan# 2349
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:252 Resp: 208320

Ion	Ratio	Lower	Upper
252	100		
126	11.4	8.6	13.0
254	64.1	51.8	77.8

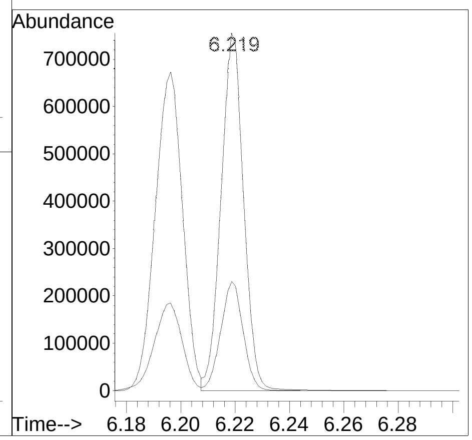


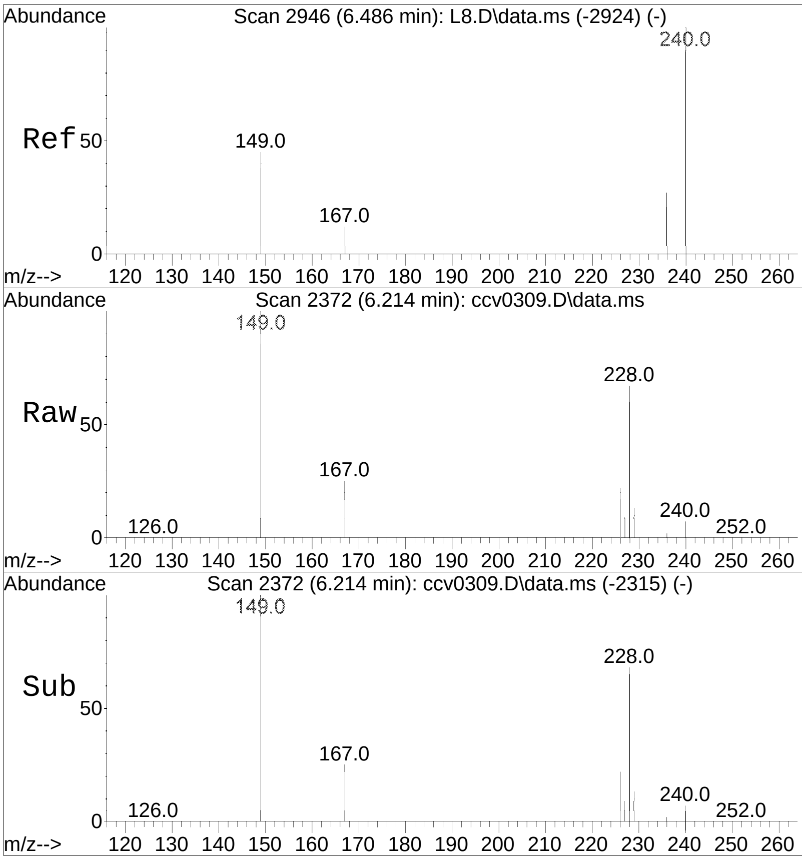


#36
Chrysene
Concen: 905.20 ng/ml
RT: 6.219 min Scan# 2375
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:228 Resp: 434122

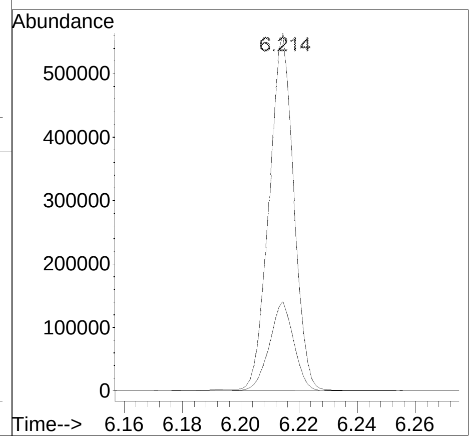
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6

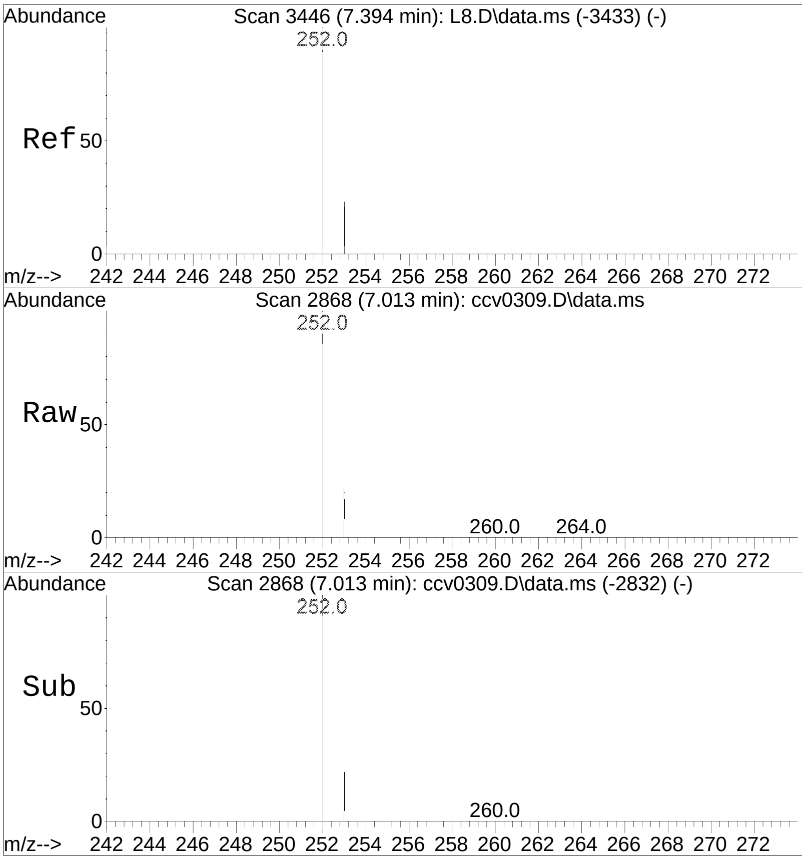




#37
Bis(2-ethylhexyl)phthalate
Concen: 1322.97 ng/ml
RT: 6.214 min Scan# 2372
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt	Ion:149	Resp:	329152
Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.7	31.1

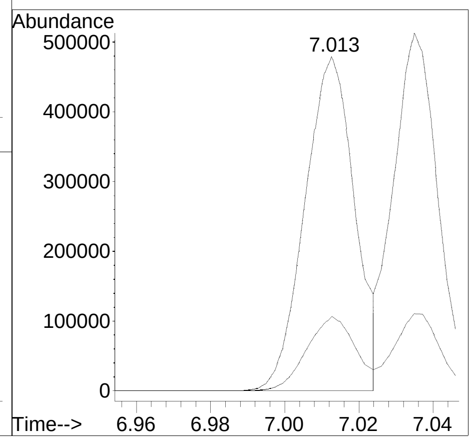


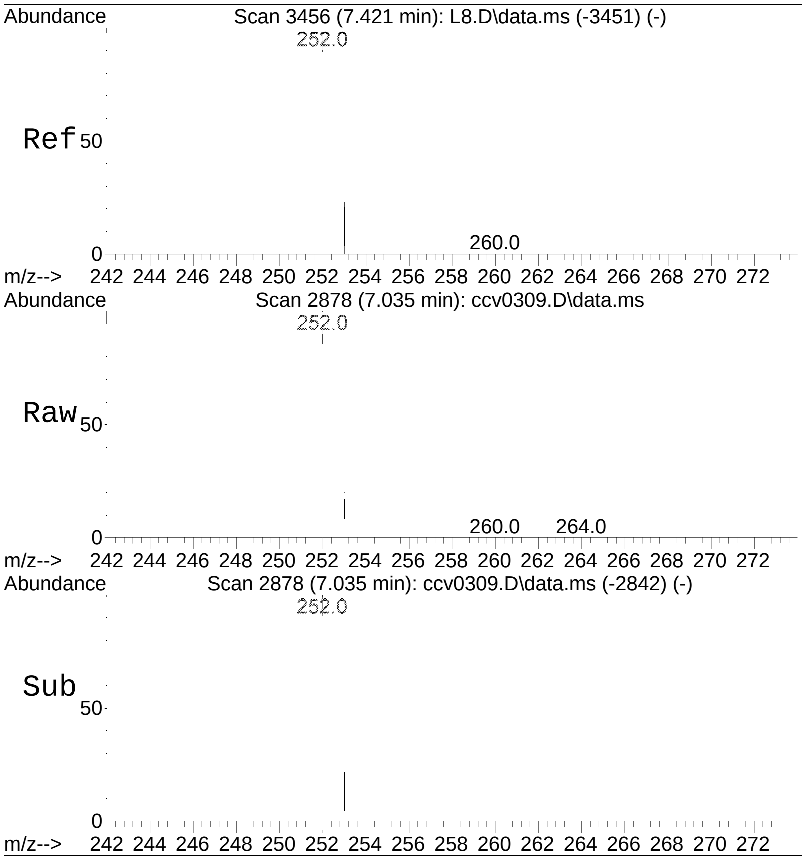


#39
Benzo[b]fluoranthene
Concen: 990.89 ng/ml
RT: 7.013 min Scan# 2868
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:252 Resp: 447409

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1

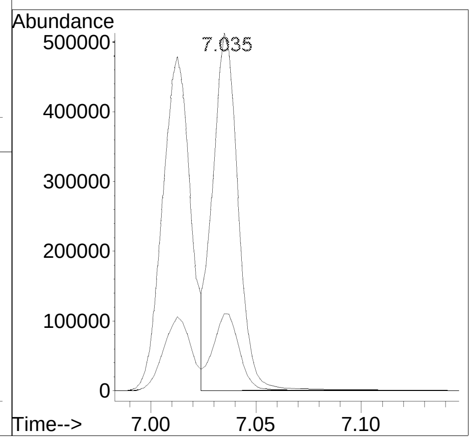


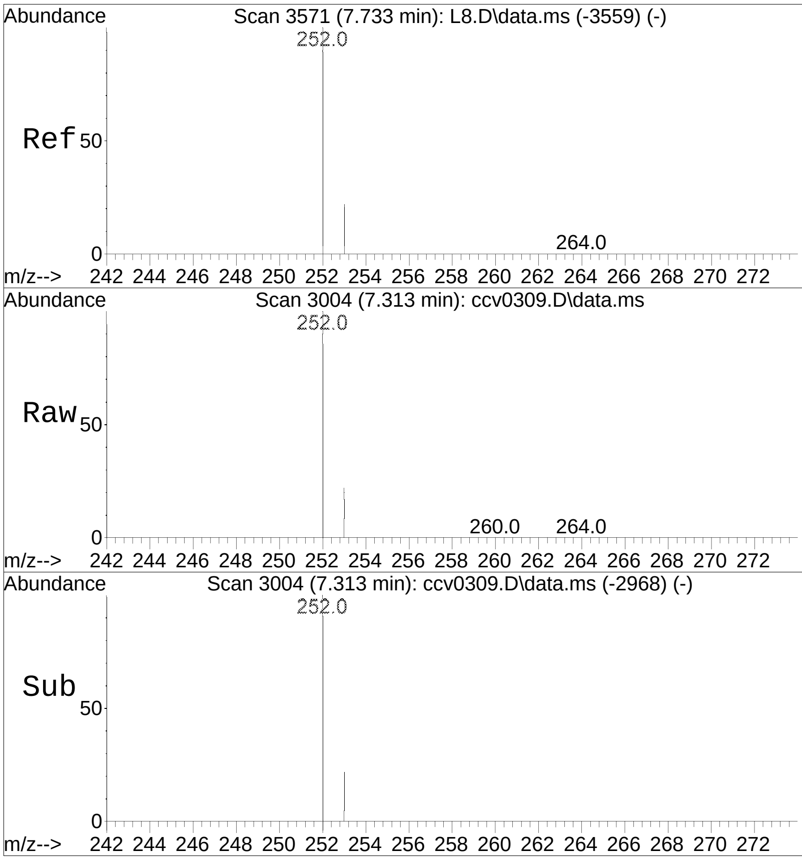


#40
Benzo[k]fluoranthene
Concen: 972.57 ng/ml
RT: 7.035 min Scan# 2878
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:252 Resp: 433050

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2

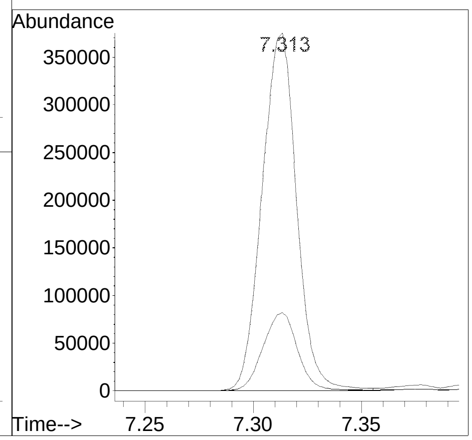


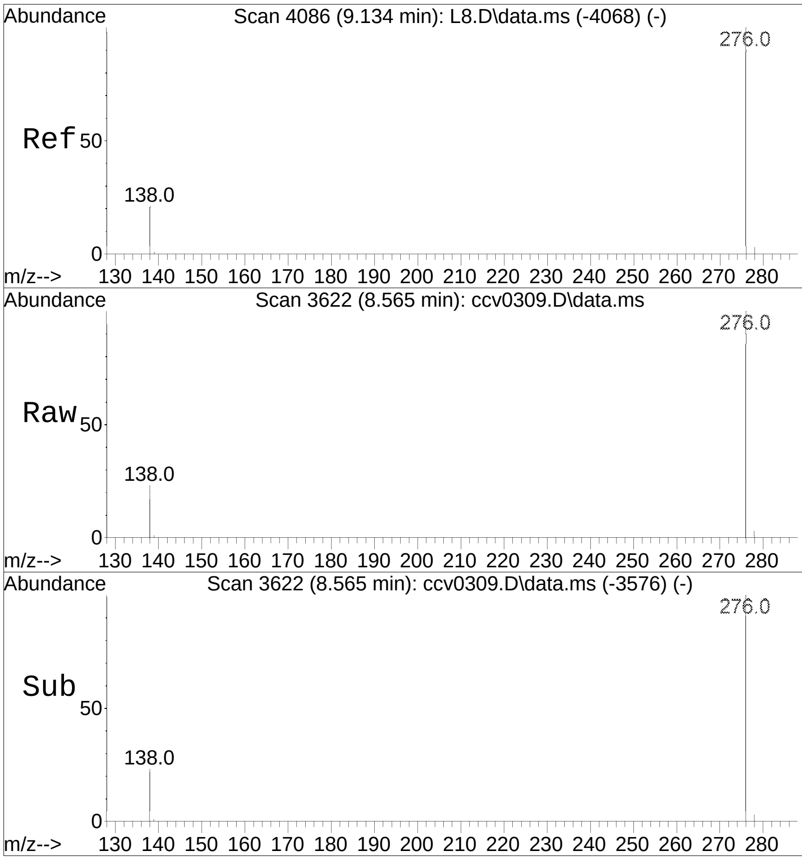


#41
Benzo[a]pyrene
Concen: 1078.49 ng/ml
RT: 7.313 min Scan# 3004
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:252 Resp: 413199

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9

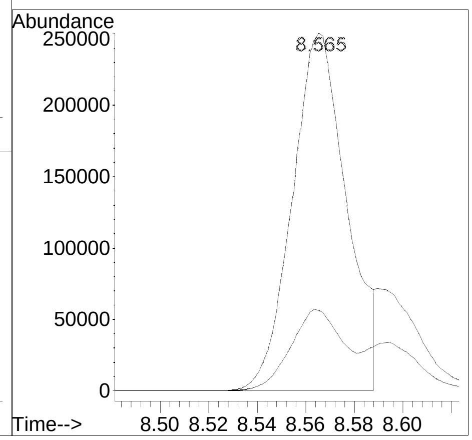


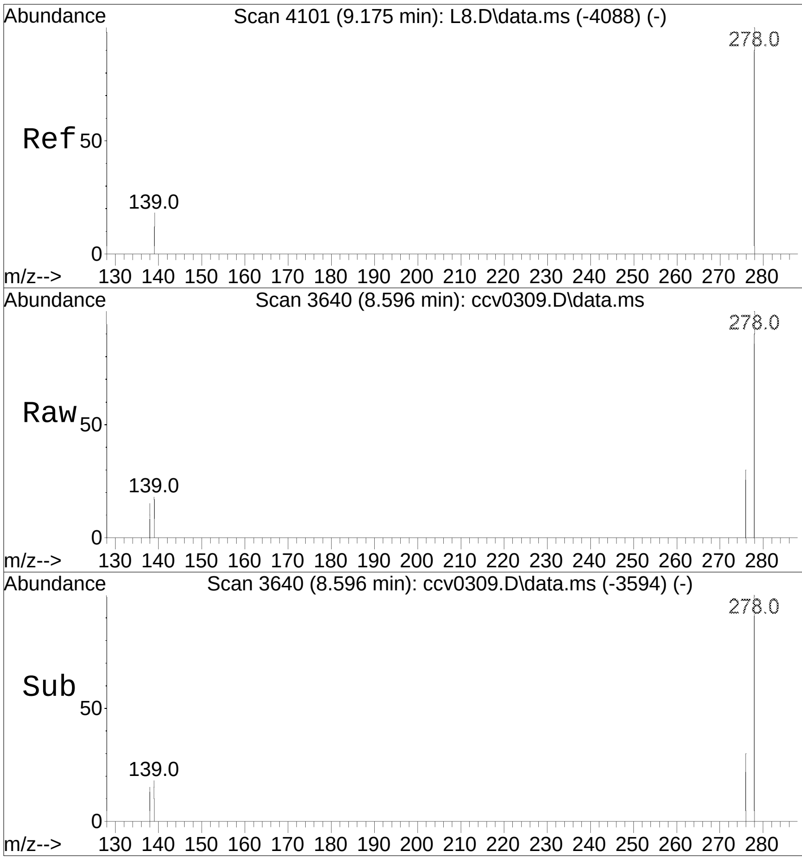


#42
Indeno[1,2,3-cd]pyrene
Concen: 1043.34 ng/ml M6
RT: 8.565 min Scan# 3622
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:276 Resp: 386988

Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.9	25.3

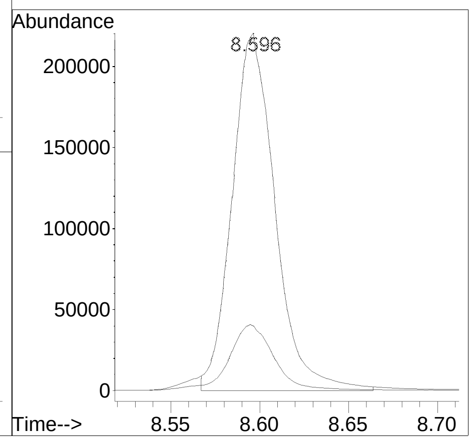


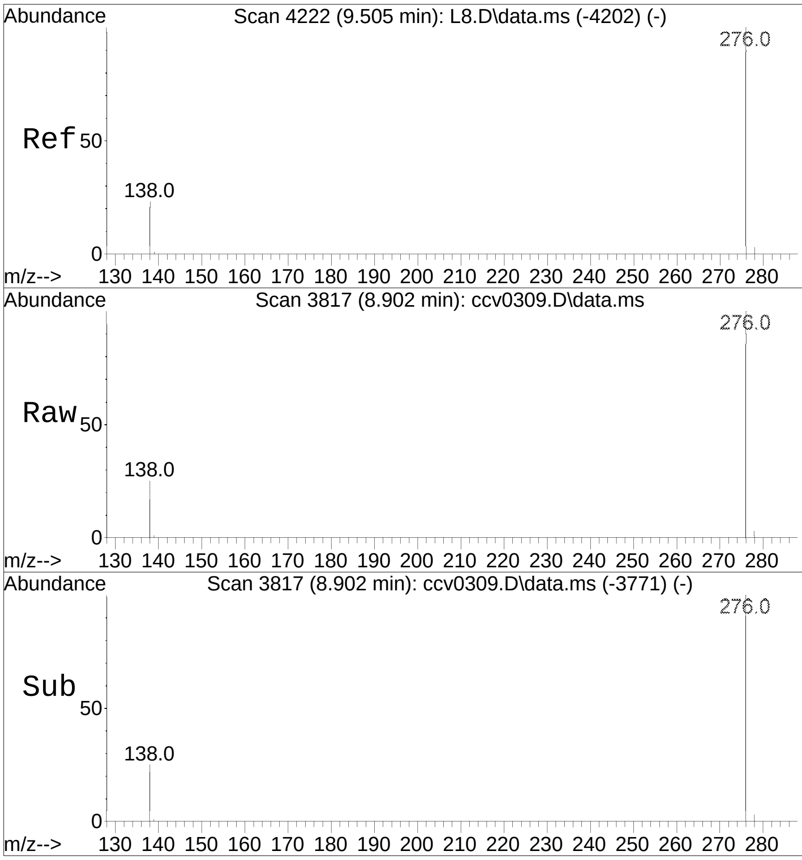


#43
Dibenzo[a,h]anthracene
Concen: 1072.28 ng/ml M6
RT: 8.596 min Scan# 3640
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:278 Resp: 368961

Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.6	22.0

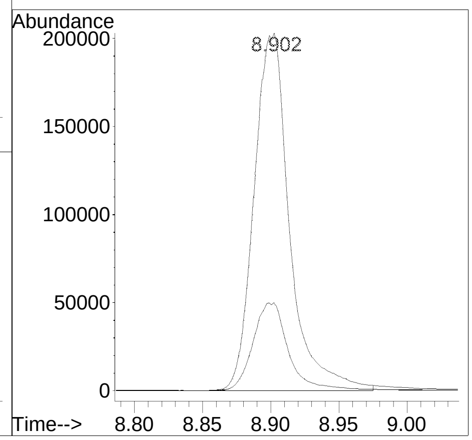




#44
Benzo[g,h,i]perylene
Concen: 1033.54 ng/ml
RT: 8.902 min Scan# 3817
Delta R.T. 0.000 min
Lab File: ccv0309.D
Acq: 09 Mar 2025 07:56 am

Tgt Ion:276 Resp: 364868

Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.6	28.0

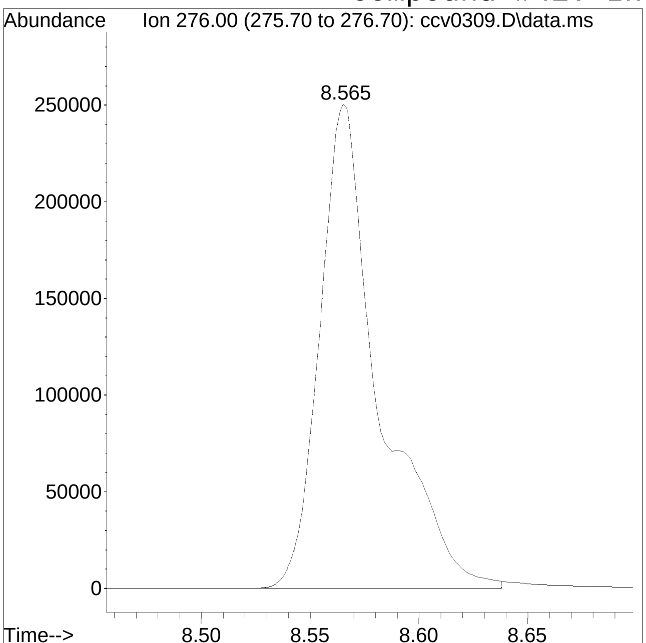


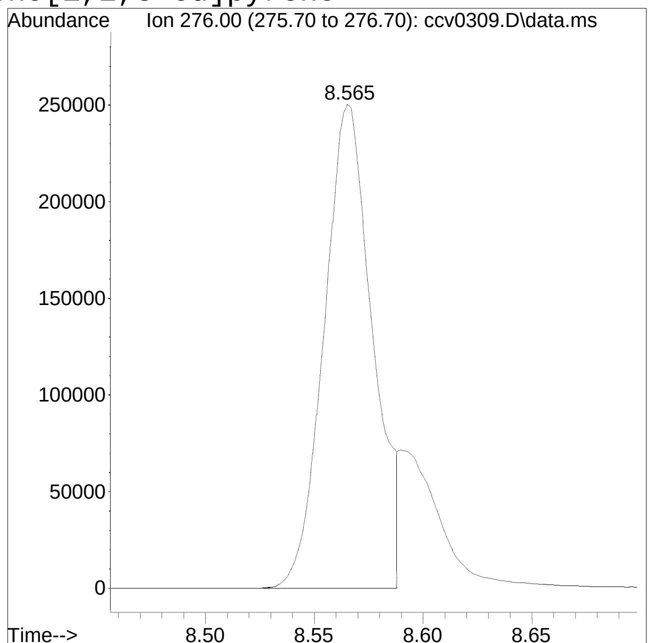
Manual Integration Report

Data Path : I:\8270SIM\sv119\250309RVTQ
Data File : ccv0309.D
Date Inj'd : 3/9/2025 7:56 am
Sample : wg2038229-3,32,,ICV 11275

Method : SIM-RVT_241229_sv119.M
Operator : sv119:kmh
Instrument : SV119
Quant Date : 3/9/2025 8:12 am

Compound #42: Indeno[1,2,3-cd]pyrene





Original Peak Response = 476466

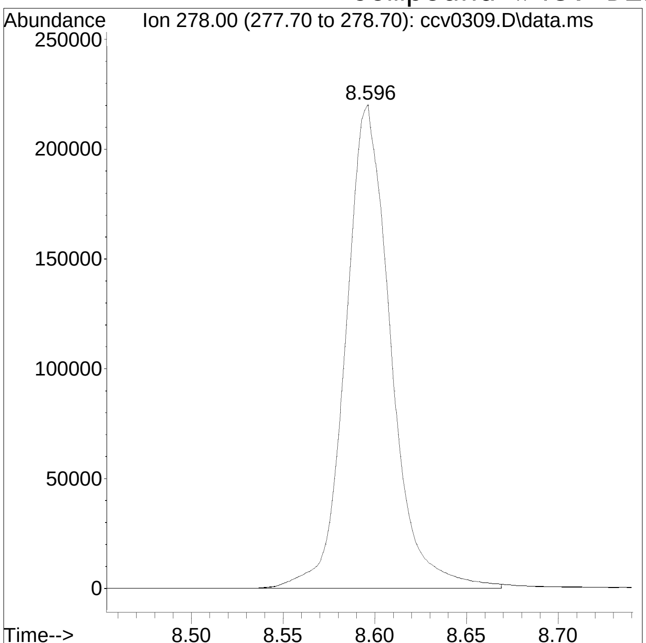
Manual Peak Response = 386988 M6

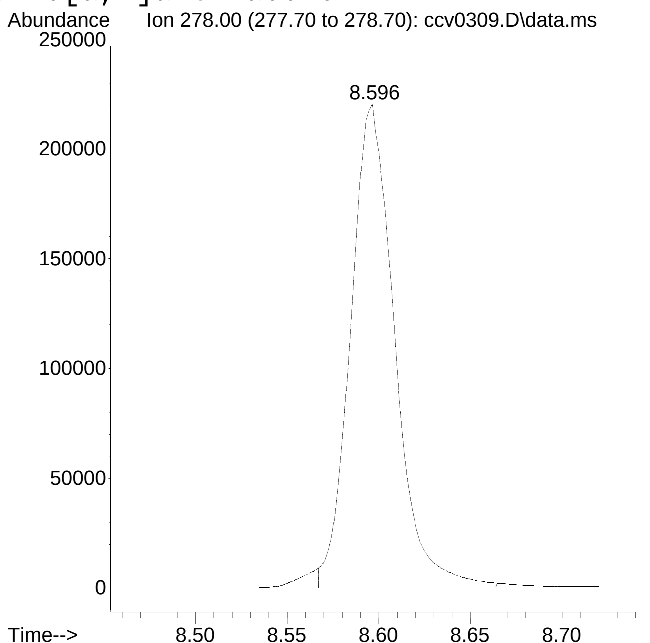
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250309RVTQMethod      : SIM-RVT_241229_sv119.M
Data File   : ccv0309.D                  Operator     : sv119:kmh
Date Inj'd  : 3/9/2025  7:56 am          Instrument   : SV119
Sample      : wg2038229-3,32,,ICV 11275 Quant Date   : 3/9/2025  8:12 am
```

Compound #43: Dibenzo[a,h]anthracene





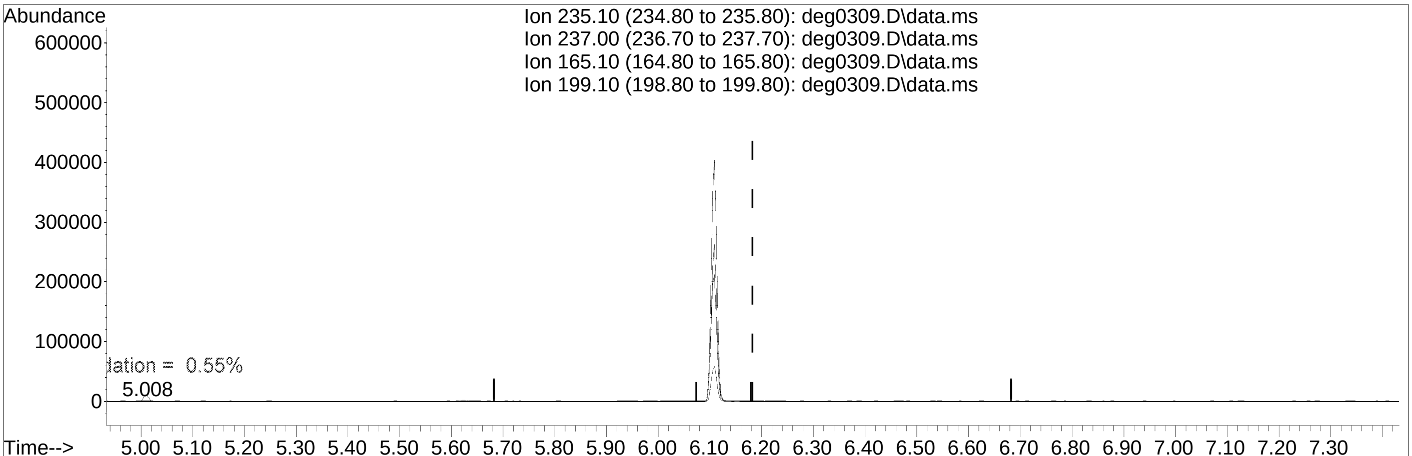
Original Peak Response = 375766   Manual Peak Response = 368961 M6

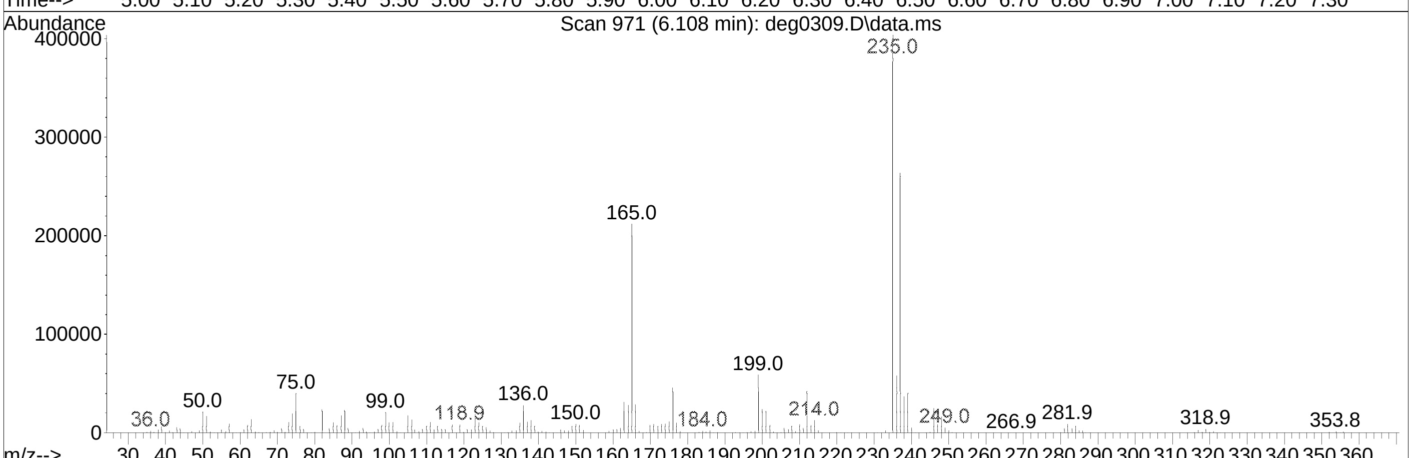
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : deg0309.D
Acq On : 09 Mar 2025 07:39 am
Operator : sv119:kmh
Sample : wg2038229-2,32,,dftpp SV119 lot# 11413
Misc : wg2038229,,ical21826
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 09 07:52:12 2025
Quant Method : I:\8270SIM\sv119\250309RVT\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 31 09:20:30 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools™ [wg2038229-2,32,,dftpp SV119 lot# 11413]

(6) ddt (T)

6.108min (-0.075) 49.50

response 301751

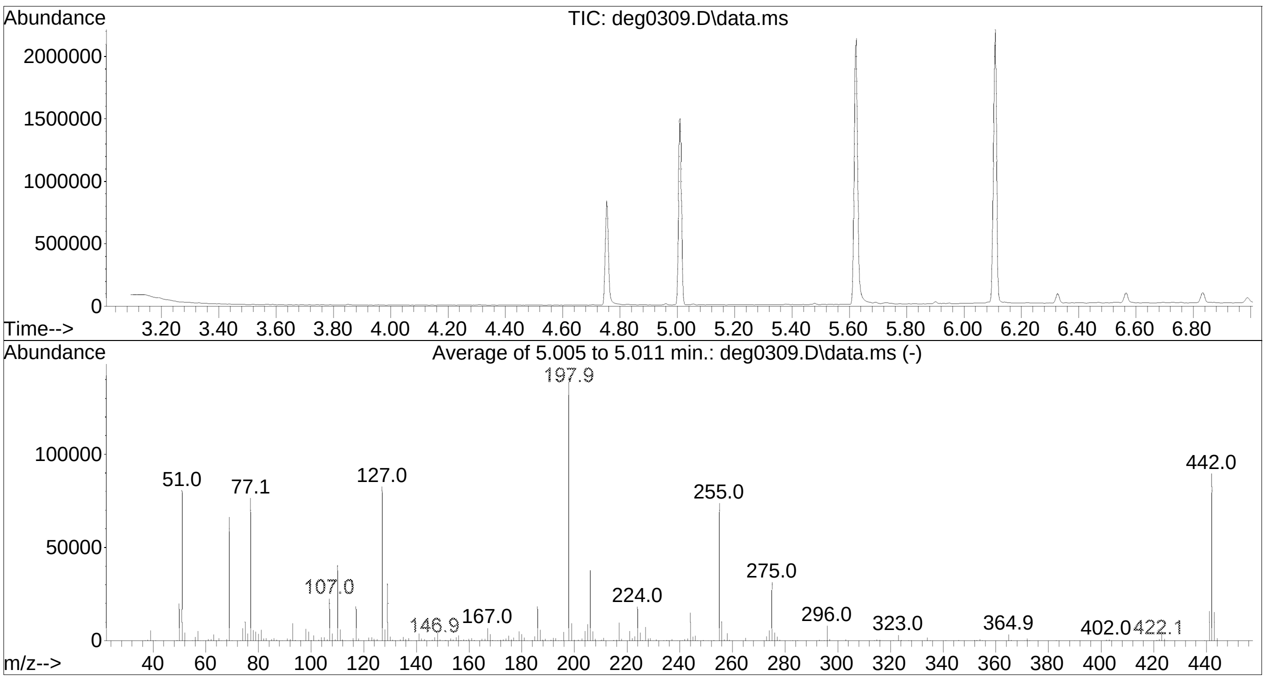
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.60	64.39
165.10	53.30	52.57
199.10	17.10	14.66

DFTPP

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : deg0309.D
Acq On : 09 Mar 2025 07:39 am
Operator : sv119:kmh
Sample : wg2038229-1,32,,dftpp SV119 lot# 11413
Misc : wg2038229,,ical21826
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270SIM\sv119\250309RVT\SIM-RVT_241229_sv119.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Sun Mar 09 08:12:11 2025



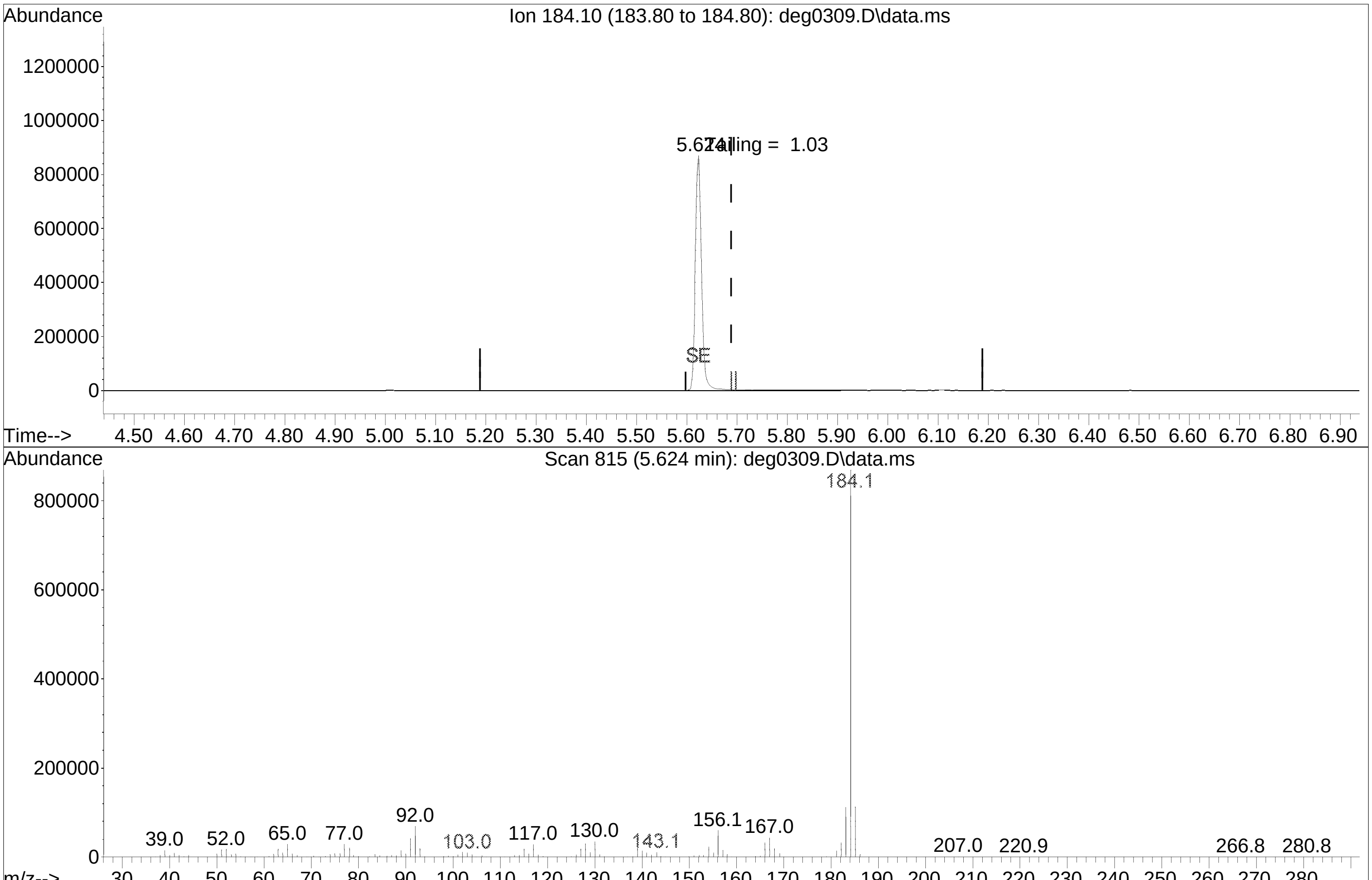
Spectrum Information: Average of 5.005 to 5.011 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	56.9	80469	PASS
68	69	0.00	2	1.6	1072	PASS
69	69	100	100	100.0	66244	PASS
70	69	0.00	2	0.5	310	PASS
127	198	10	80	58.4	82523	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	141315	PASS
199	198	5	9	6.7	9406	PASS
275	198	10	60	22.2	31307	PASS
365	198	1	100	2.5	3466	PASS
441	442	0.01	24	17.8	15916	PASS
442	198	50	100	63.3	89509	PASS
443	442	15	24	17.1	15313	PASS

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : deg0309.D
Acq On : 09 Mar 2025 07:39 am
Operator : sv119:kmh
Sample : wg2038229-4,32,,dftpp SV119 lot# 11413
Misc : wg2038229,,ical21826
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 09 07:52:12 2025
Quant Method : I:\8270SIM\sv119\250309RVT\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 31 09:20:30 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D



CHROMtools [wg2038229-4,32,,dftpp SV119 lot# 11413]

(3) benzidine (T)

5.624min (-0.065) 70.60

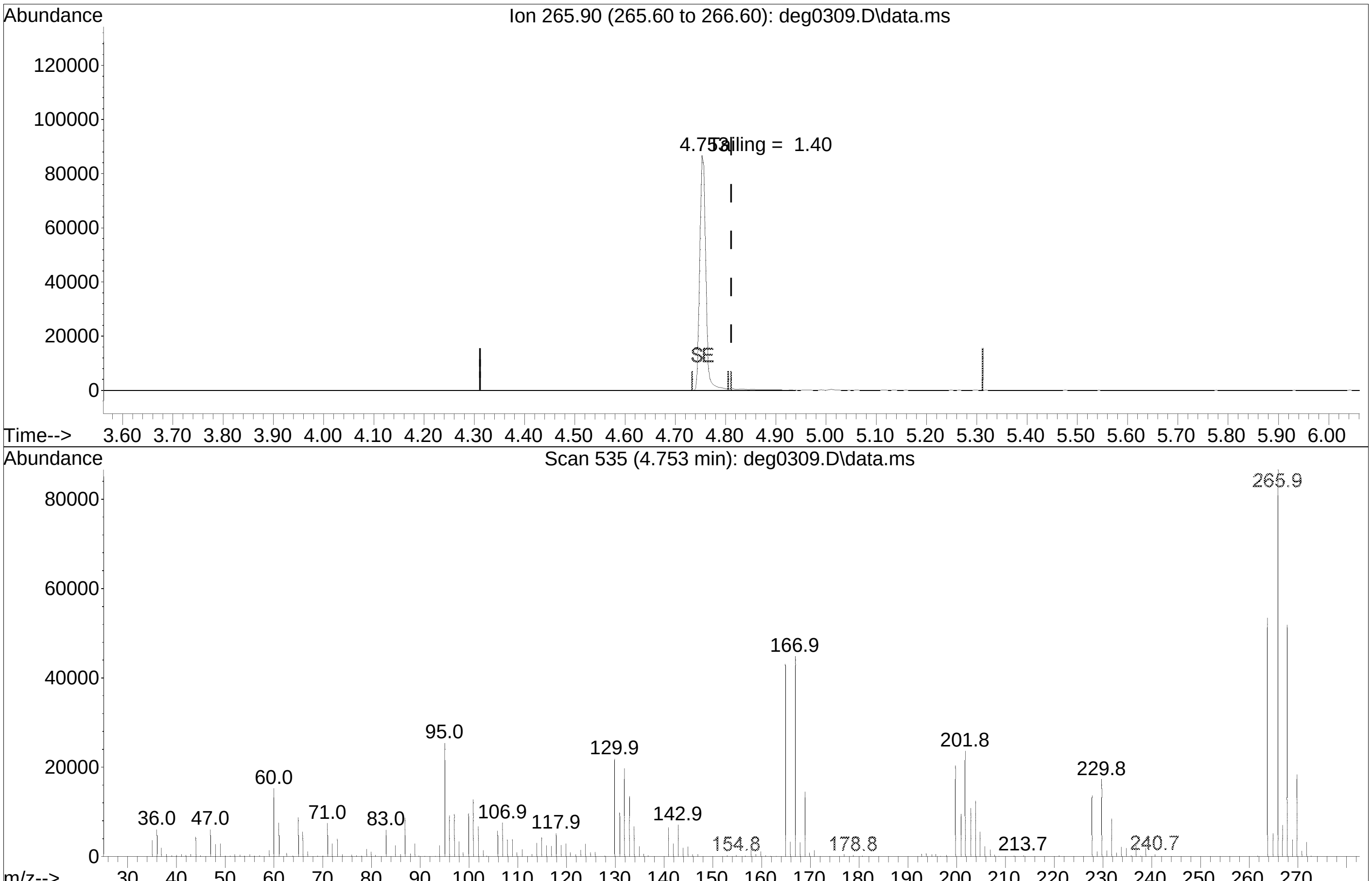
response 718756

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : I:\8270SIM\sv119\250309RVT\
Data File : deg0309.D
Acq On    : 09 Mar 2025  07:39 am
Operator  : sv119:kmh
Sample    : wg2038229-5,32,,dftpp SV119 lot# 11413
Misc      : wg2038229,,ical21826
ALS Vial  : 48   Sample Multiplier: 1

Quant Time: Mar 09 07:52:12 2025
Quant Method : I:\8270SIM\sv119\250309RVT\dftppsv119.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 31 09:20:30 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D
```



CHROMtools™ [wg2038229-5,32,,dftpp SV119 lot# 11413]

(1) pentachlorophenol (T)

4.753min (-0.059) 32.87

response 69046

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Semivolatiles Raw QC Data

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 038000-1.D
Acq On    : 09 Mar 2025  03:12 pm
Operator  : sv119:jjw
Sample    : WG2038000-1,32,,RV,kmh
Misc      : WG2038229,WG2038000,ical21826
ALS Vial  : 25   Sample Multiplier: 1

Quant Time: Mar 10 11:15:13 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List     : DEFAULT - All compounds listed

        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4       2.206  152    282949   4000.000 ng/ml    0.00
    Standard Area 1 = 300990                 Recovery   =   94.01%
 9) Naphthalene-d8               2.860  136   1125879   4000.000 ng/ml    0.00
    Standard Area 1 = 1196740                 Recovery   =   94.08%
18) Acenaphthene-d10             3.829  164    683851   4000.000 ng/ml    0.00
    Standard Area 1 = 705892                 Recovery   =   96.88%
23) Phenanthrene-d10             4.662  188   1485646   4000.000 ng/ml    0.00
    Standard Area 1 = 1477541                 Recovery   =  100.55%
33) Chrysene-d12                 6.201  240   1337477   4000.000 ng/ml    0.00
    Standard Area 1 = 1392900                 Recovery   =   96.02%
38) Perylene-d12                 7.376  264   1166153   4000.000 ng/ml    0.00
    Standard Area 1 = 1362393                 Recovery   =   85.60%

 System Monitoring Compounds
 3) 2-Fluorophenol               1.643  112     76309   1006.545 ng/ml   0.01
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   50.33%
 4) Phenol-d6                    2.037   99     71622   756.916 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   37.85%
 8) Nitrobenzene-d5              2.485   82     67624   736.982 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   73.70%
14) 2-Fluorobiphenyl             3.451  172    172428   628.062 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   62.81%
22) 2,4,6-Tribromophenol         4.274  330     42461   1422.640 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   71.13%
32) 4-Terphenyl-d14              5.573  244    247422   671.331 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   67.13%

 Target Compounds                                                    Qvalue
 7) Hexachloroethane             0.000                0       N.D.
10) Naphthalene                  2.871  128       1229M4    3.914 ng/ml
11) Hexachlorobutadiene          0.000                0       N.D.
12) 2-Methylnaphthalene          0.000                0       N.D. d
15) 2-Chloronaphthalene          0.000                0       N.D. d
17) Acenaphthylene               0.000                0       N.D. d
19) Acenaphthene                 0.000                0       N.D. d
21) Fluorene                     0.000                0       N.D. d
25) Hexachlorobenzene            0.000                0       N.D. d
26) Pentachlorophenol            0.000                0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 038000-1.D
Acq On : 09 Mar 2025 03:12 pm
Operator : sv119:jjw
Sample : WG2038000-1,32,,RV,kmh
Misc : WG2038229,WG2038000,ical21826
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 10 11:15:13 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

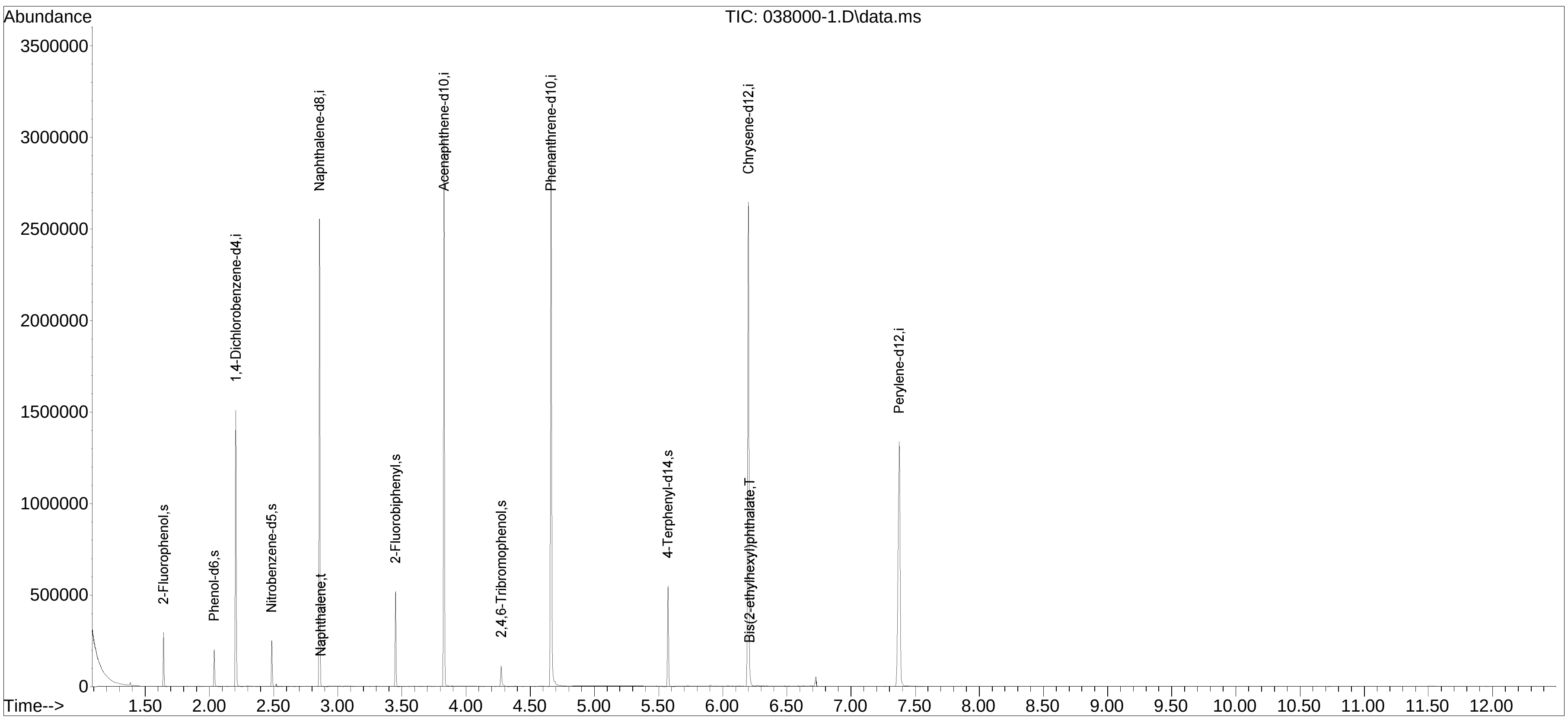
(#) = qualifier out of range (m) = manual integration (+) = signals summed

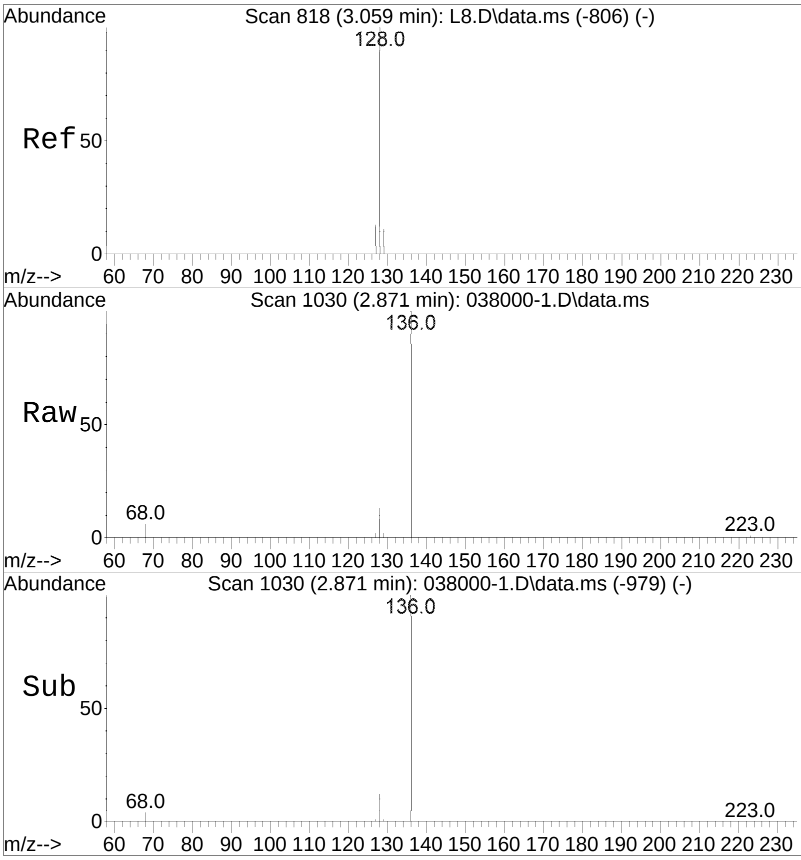
Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 038000-1.D
Acq On   : 09 Mar 2025 03:12 pm
Operator : sv119:jjw
Sample   : WG2038000-1,32,,RV,kmh
Misc   : WG2038229,WG2038000,ical21826
ALS Vial : 25   Sample Multiplier: 1

Quant Time: Mar 10 11:15:13 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listed\ccv0309.D•

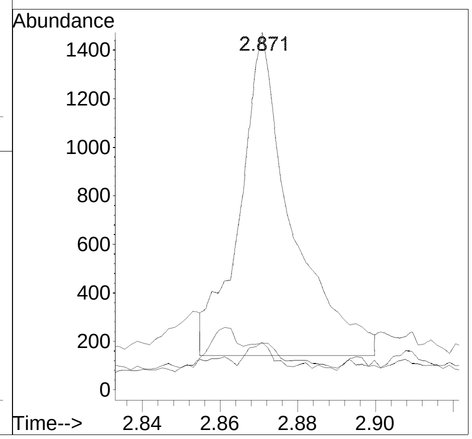




#10
Naphthalene
Concen: 3.91 ng/ml M4
RT: 2.871 min Scan# 1030
Delta R.T. 0.002 min
Lab File: 038000-1.D
Acq: 09 Mar 2025 03:12 pm

Tgt Ion:128 Resp: 1229

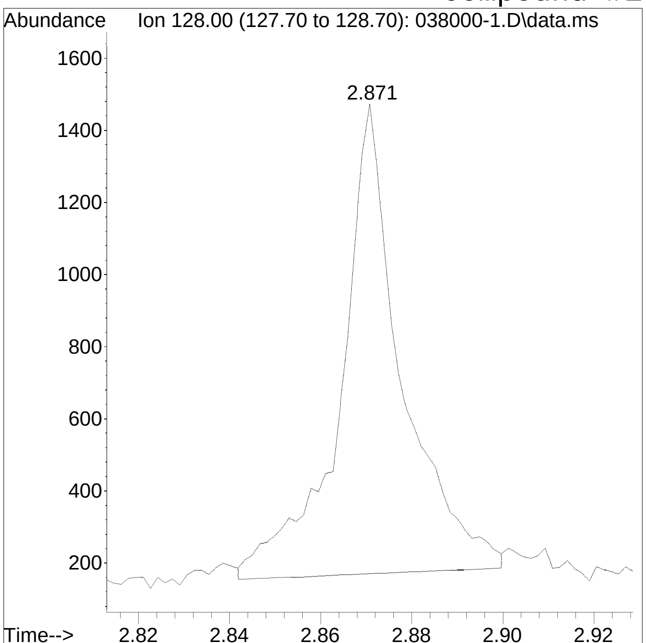
Ion	Ratio	Lower	Upper
128	100		
129	7.4	9.0	13.6#
127	4.6	10.5	15.7#

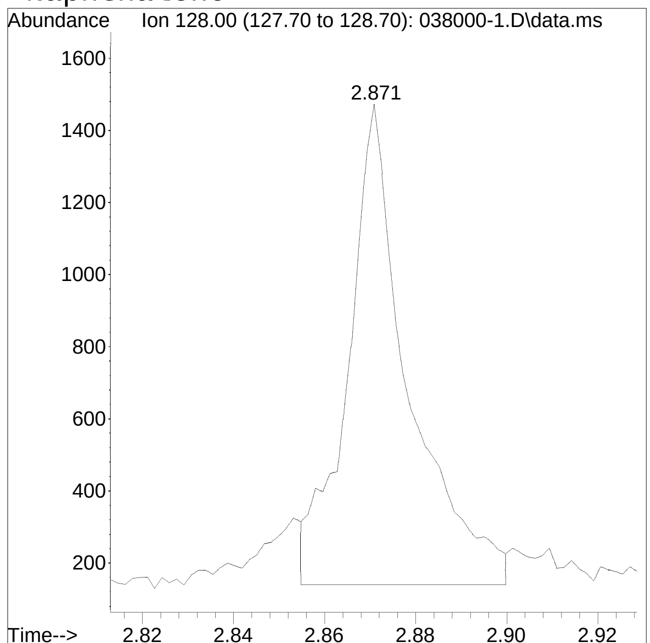


Manual Integration Report

Data Path : I:\8270SIM\sv119\250309RVTQMethod : SIM-RVT_241229_sv119.M
Data File : 038000-1.D Operator : sv119:jjw
Date Inj'd : 3/9/2025 3:12 pm Instrument : SV119
Sample : WG2038000-1,32,,RV,kmh Quant Date : 3/9/2025 3:26 pm

Compound #10: Naphthalene





Original Peak Response = 1225 Manual Peak Response = 1229 M4
M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 038000-2.D
Acq On    : 09 Mar 2025  02:39 pm
Operator  : sv119:jjw
Sample    : WG2038000-2,32,,RV,kmh
Misc      : WG2038229,WG2038000,ical21826
ALS Vial  : 23   Sample Multiplier: 1

Quant Time: Mar 10 11:16:00 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List     : DEFAULT - All compounds listed

       Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.203  152    329216   4000.000 ng/ml    0.00
   Standard Area 1 = 300990                 Recovery   =  109.38%
 9) Naphthalene-d8              2.861  136   1336423   4000.000 ng/ml    0.00
   Standard Area 1 = 1196740                 Recovery   =  111.67%
18) Acenaphthene-d10            3.831  164    830301   4000.000 ng/ml    0.00
   Standard Area 1 = 705892                 Recovery   =  117.62%
23) Phenanthrene-d10            4.665  188   1785364   4000.000 ng/ml    0.00
   Standard Area 1 = 1477541                 Recovery   =  120.83%
33) Chrysene-d12                6.206  240   1529331   4000.000 ng/ml    0.00
   Standard Area 1 = 1392900                 Recovery   =  109.79%
38) Perylene-d12                7.384  264   1412311   4000.000 ng/ml    0.00
   Standard Area 1 = 1362393                 Recovery   =  103.66%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.643  112     86352   978.942 ng/ml   0.01
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   48.95%
 4) Phenol-d6                   2.036   99     87867   798.094 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   39.90%
 8) Nitrobenzene-d5             2.485   82     63640   596.092 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   59.61%
14) 2-Fluorobiphenyl            3.451  172    159539   489.564 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   48.96%
22) 2,4,6-Tribromophenol        4.274  330     48587   1340.760 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   67.04%
32) 4-Terphenyl-d14             5.573  244    229763   518.761 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   51.88%

 Target Compounds                                                 Qvalue
 2) N-Nitrosodimethylamine      1.202   74      56884    No Calib #
 5) Bis(2-chloroethyl)ether     2.071   93     127563   1255.317 ng/ml     89
 6) n-nitrosodi-n-propylamine   2.404   70     102330   1502.563 ng/ml    100
 7) Hexachloroethane            2.458  117      26192    613.807 ng/ml     96
10) Naphthalene                 2.870  128     325374    872.953 ng/ml    100
11) Hexachlorobutadiene         2.940  225      32956    502.427 ng/ml     99
12) 2-Methylnaphthalene         3.248  142     219742    843.647 ng/ml     98
13) 1-Methylnaphthalene         3.303  142     231106    963.625 ng/ml     98
15) 2-Chloronaphthalene         3.518  162     269927   1003.413 ng/ml#    85
16) 2,6-Dinitrotoluene          3.716  165      91764   1384.204 ng/ml     91
17) Acenaphthylene              3.749  152     512509   1230.227 ng/ml    100
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 038000-2.D
Acq On : 09 Mar 2025 02:39 pm
Operator : sv119:jjw
Sample : WG2038000-2,32,,RV,kmh
Misc : WG2038229,WG2038000,ical21826
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 10 11:16:00 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) Acenaphthene	3.847	153	311211	1123.834 ng/ml	94
20) 2,4-Dinitrotoluene	3.943	165	126706	1438.381 ng/ml#	66
21) Fluorene	4.136	166	404899	1272.648 ng/ml	97
24) 4,6-Dinitro-o-cresol	4.173	198	70170	1191.979 ng/ml	96
25) Hexachlorobenzene	4.454	284	124861	1186.461 ng/ml	96
26) Pentachlorophenol	4.567	266	77214	1418.605 ng/ml	100
27) Phenanthrene	4.677	178	635115	1216.664 ng/ml	99
28) Anthracene	4.705	178	660163	1261.357 ng/ml	100
29) Fluoranthene	5.353	202	795677	1218.324 ng/ml	98
30) Pyrene	5.484	202	806786	1196.810 ng/ml	100
31) Benzidine	5.442	184	310	No Calib #	
34) Benzo[a]anthracene	6.196	228	698731	1292.084 ng/ml	100
35) 3,3'-Dichlorobenzidine	6.184	252	191787	997.979 ng/ml	99
36) Chrysene	6.222	228	630474	1197.338 ng/ml	100
37) Bis(2-ethylhexyl)phtha...	6.216	149	523147	1915.124 ng/ml	98
39) Benzo[b]fluoranthene	7.015	252	615590	1315.181 ng/ml	100
40) Benzo[k]fluoranthene	7.040	252	606575	1314.140 ng/ml	97
41) Benzo[a]pyrene	7.320	252	545932	1374.570 ng/ml	99
42) Indeno[1,2,3-cd]pyrene	8.575	276	585376	1522.416 ng/ml	97
43) Dibenzo[a,h]anthracene	8.607	278	539156M6	1511.522 ng/ml	
44) Benzo[g,h,i]perylene	8.909	276	553735	1513.086 ng/ml	97

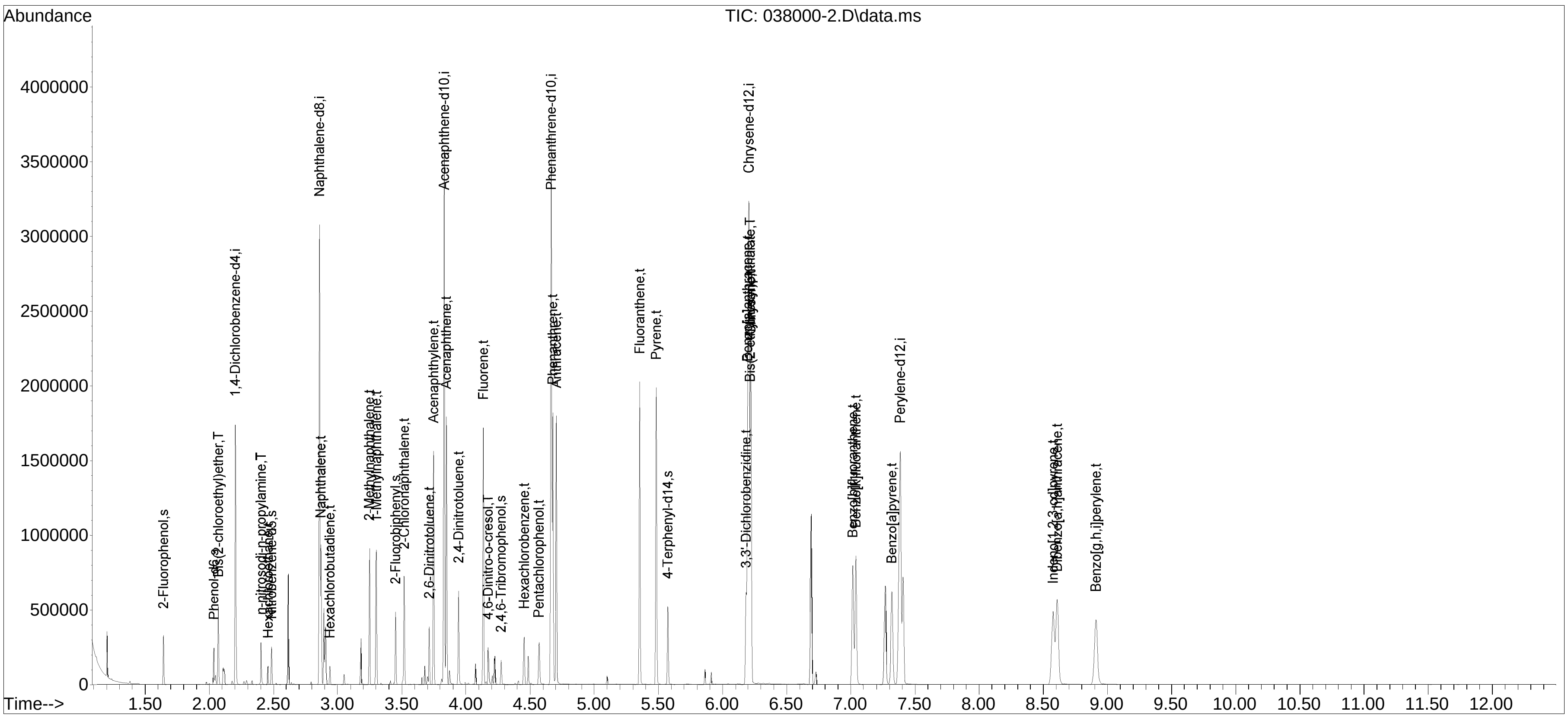
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

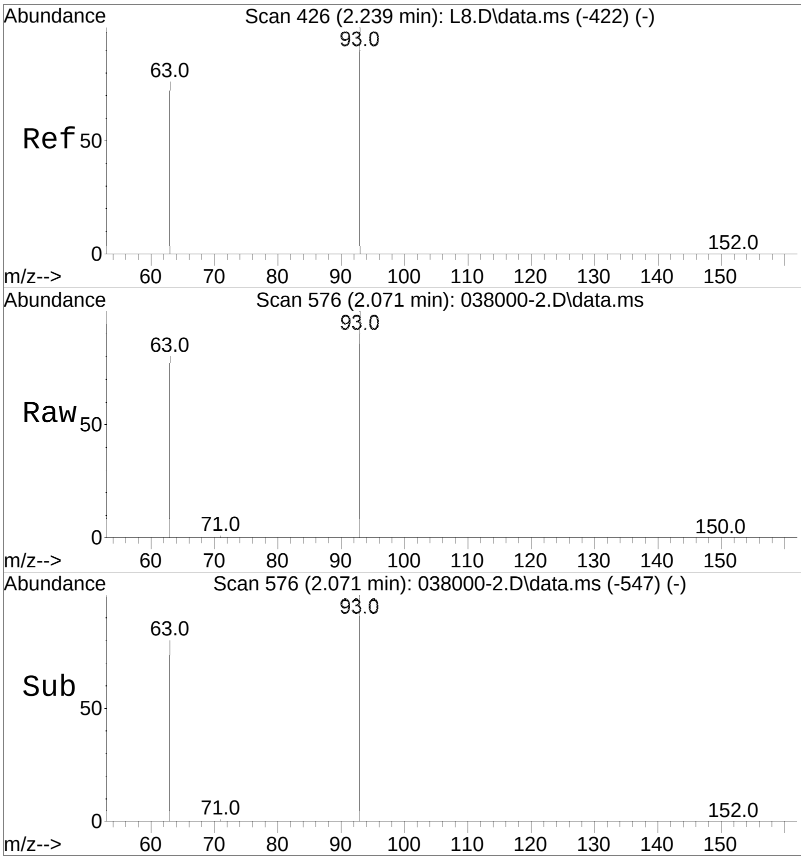
Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 038000-2.D
Acq On   : 09 Mar 2025 02:39 pm
Operator : sv119:jjw
Sample   : WG2038000-2,32,,RV,kmh
Misc   : WG2038229,WG2038000,ical21826
ALS Vial : 23   Sample Multiplier: 1

Quant Time: Mar 10 11:16:00 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listed\ccv0309.D•



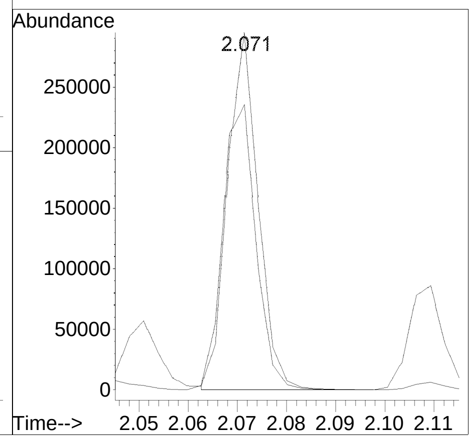
SIM-RVT_241229_sv119.M Mon Mar 10 11:25:42 2025   Page: 3

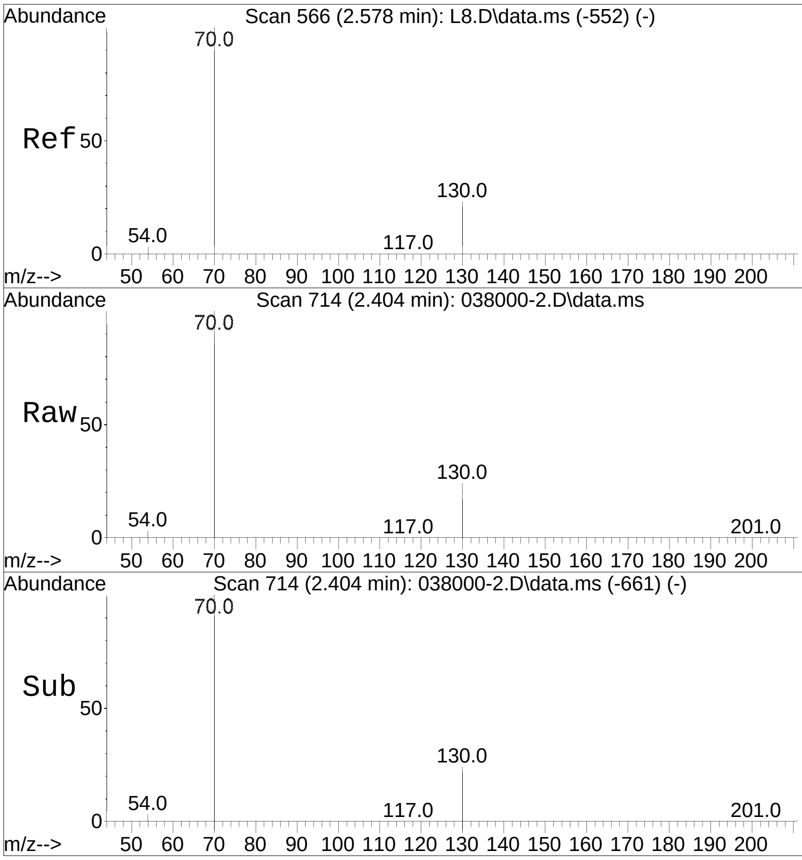


#5
Bis(2-chloroethyl)ether
Concen: 1255.32 ng/ml
RT: 2.071 min Scan# 576
Delta R.T. 0.003 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion: 93 Resp: 127563

Ion	Ratio	Lower	Upper
93	100		
63	86.2	61.7	92.5

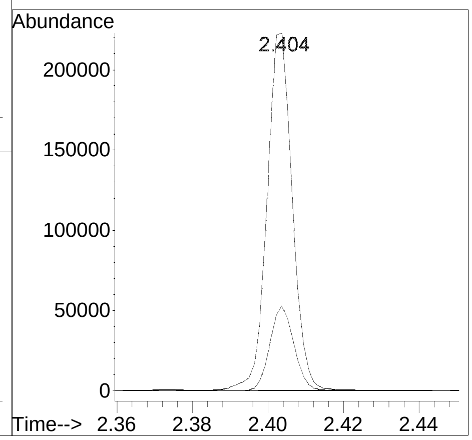


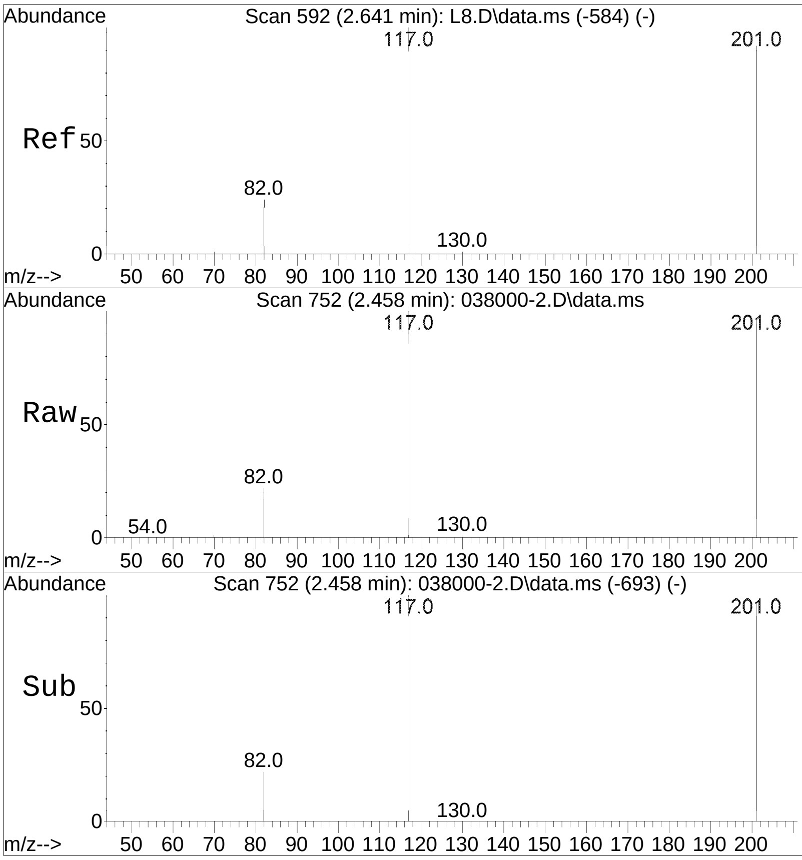


#6
n-nitrosodi-n-propylamine
Concen: 1502.56 ng/ml
RT: 2.404 min Scan# 714
Delta R.T. 0.003 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion: 70 Resp: 102330

Ion	Ratio	Lower	Upper
70	100		
130	22.6	18.1	27.1

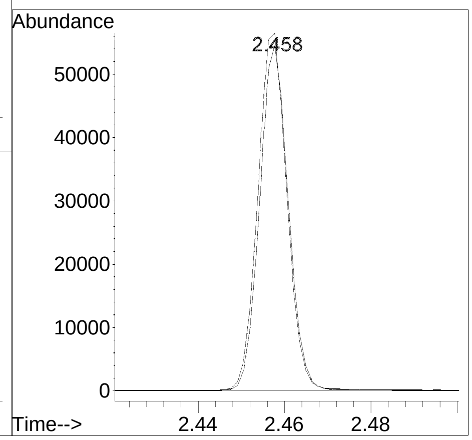


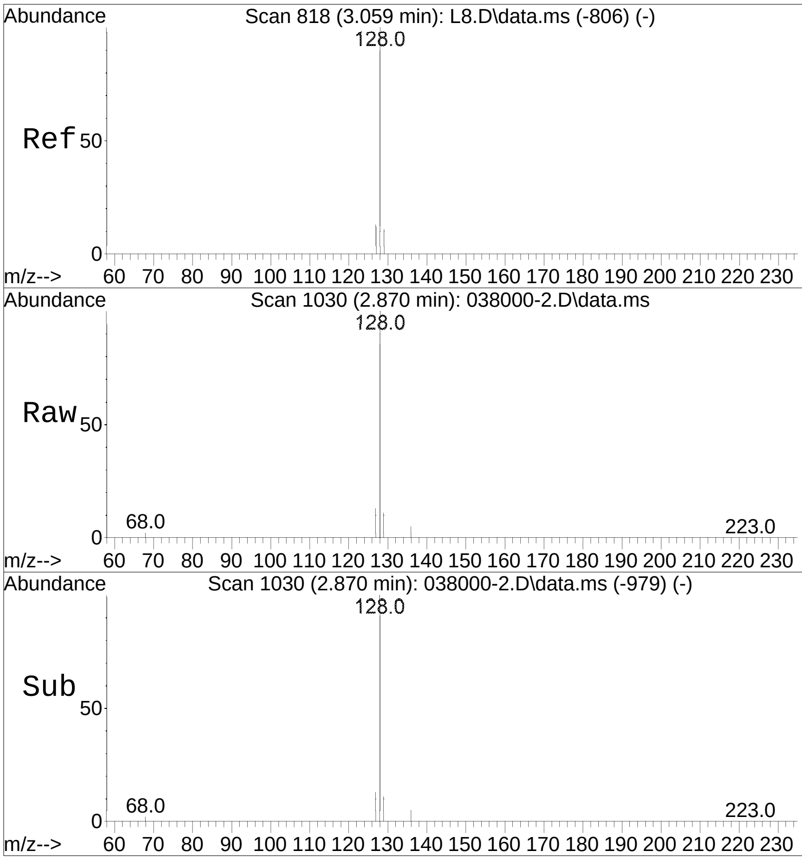


#7
Hexachloroethane
Concen: 613.81 ng/ml
RT: 2.458 min Scan# 752
Delta R.T. 0.003 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:117 Resp: 26192

Ion	Ratio	Lower	Upper
117	100		
201	95.0	79.3	118.9

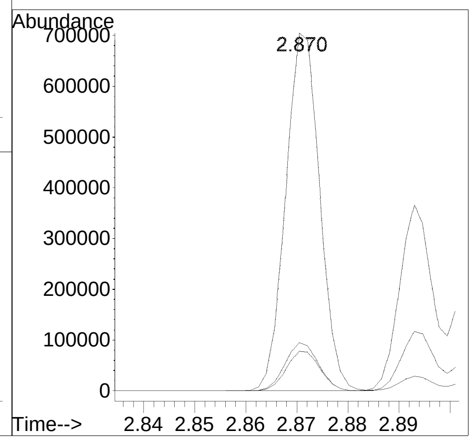


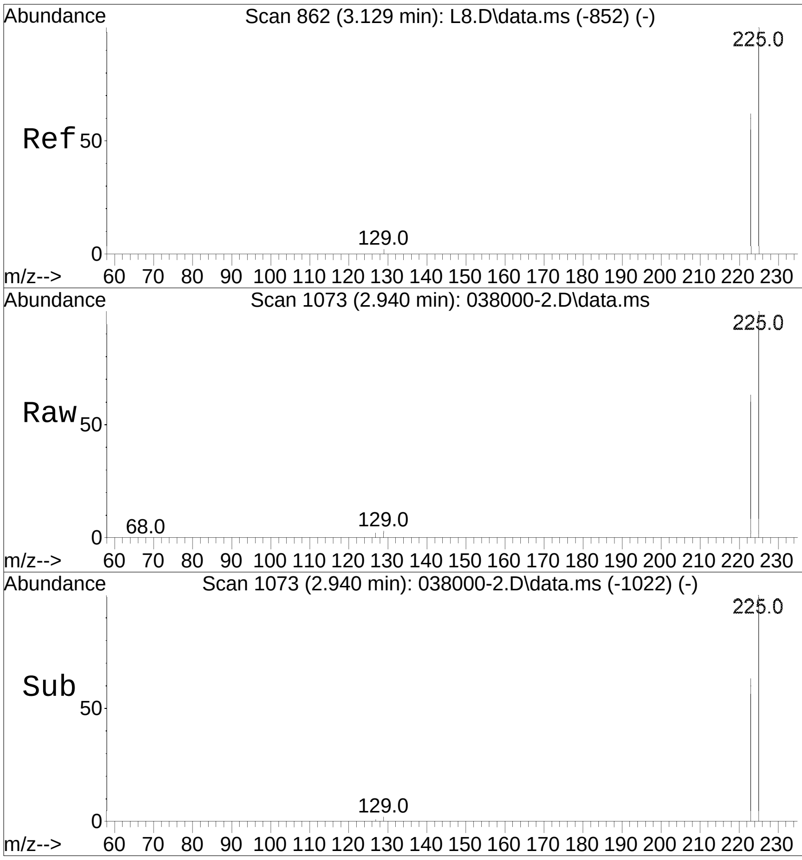


#10
Naphthalene
Concen: 872.95 ng/ml
RT: 2.870 min Scan# 1030
Delta R.T. 0.002 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:128 Resp: 325374

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.2	10.5	15.7

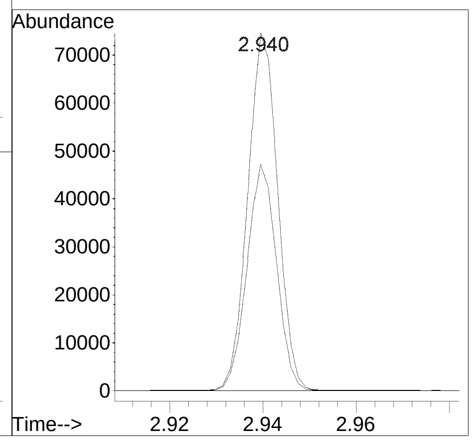


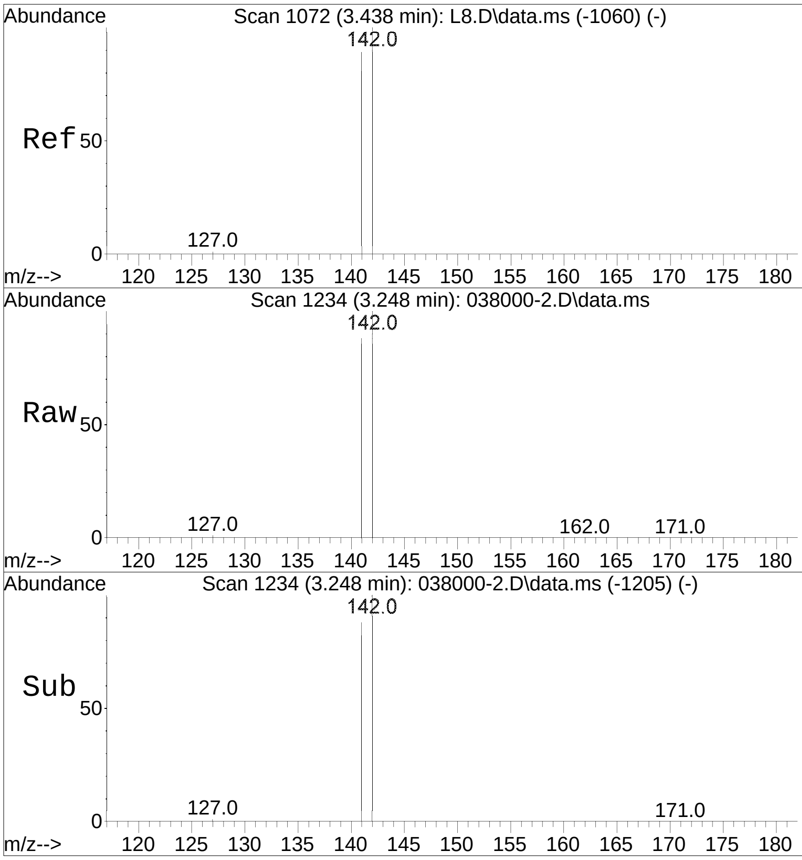


#11
Hexachlorobutadiene
Concen: 502.43 ng/ml
RT: 2.940 min Scan# 1073
Delta R.T. 0.002 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:225 Resp: 32956

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.4	75.6

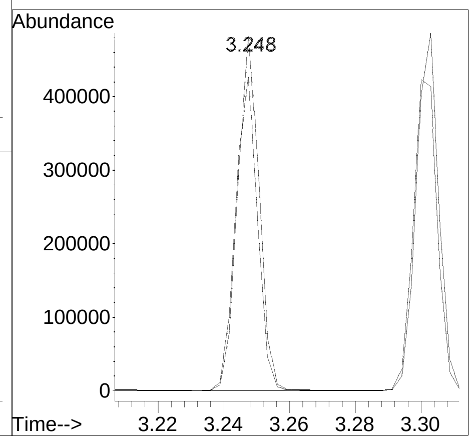


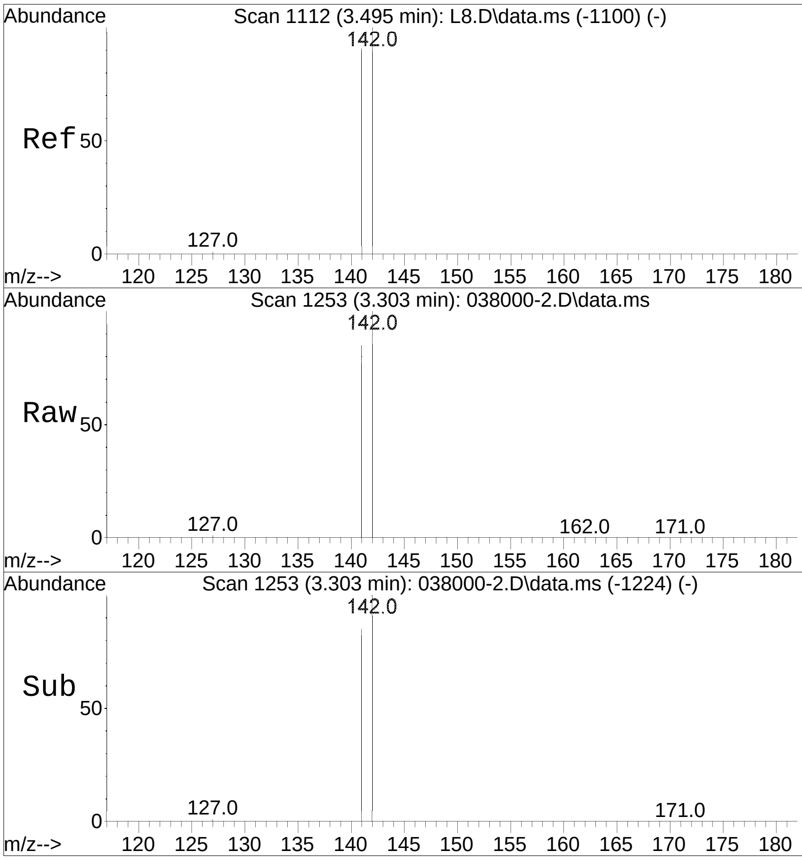


#12
2-Methylnaphthalene
Concen: 843.65 ng/ml
RT: 3.248 min Scan# 1234
Delta R.T. 0.003 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:142 Resp: 219742

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9

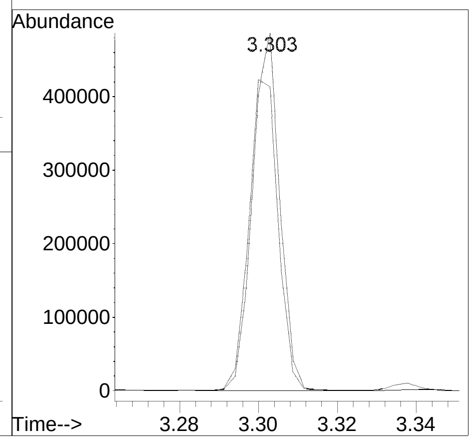


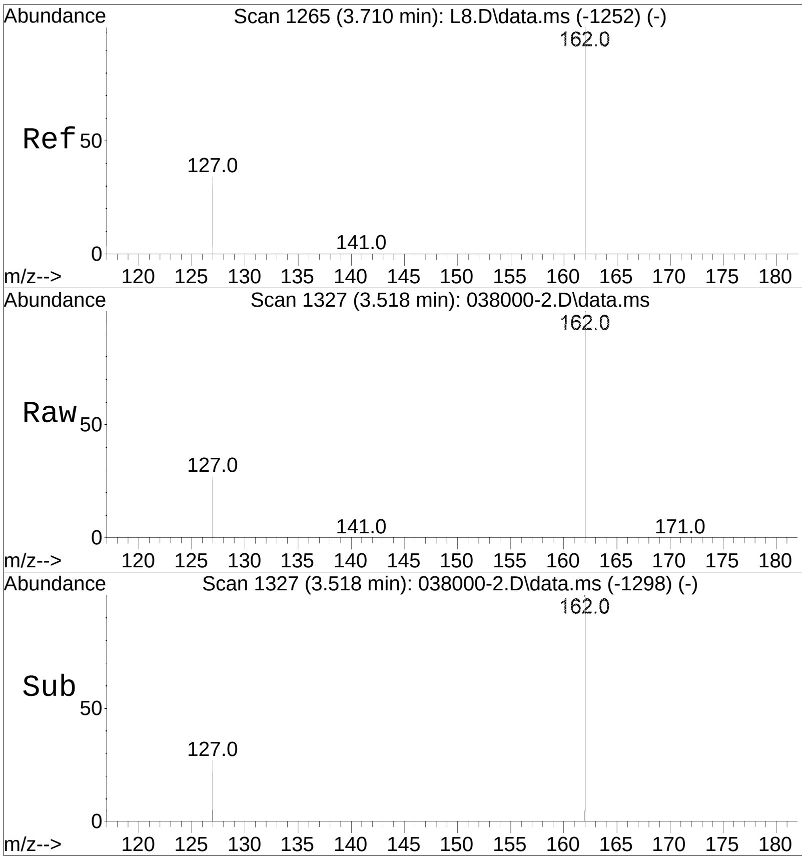


#13
1-Methylnaphthalene
Concen: 963.62 ng/ml
RT: 3.303 min Scan# 1253
Delta R.T. 0.003 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:142 Resp: 231106

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.8	110.6

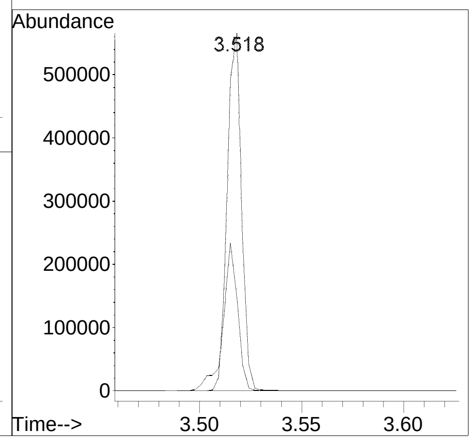


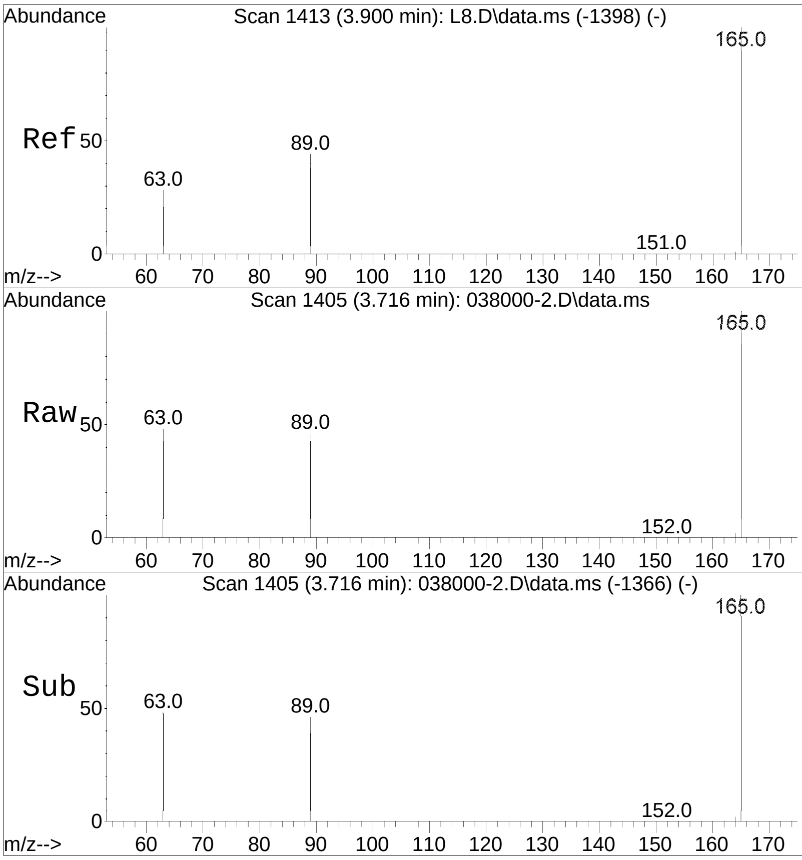


#15
2-Chloronaphthalene
Concen: 1003.41 ng/ml
RT: 3.518 min Scan# 1327
Delta R.T. 0.003 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:162 Resp: 269927

Ion	Ratio	Lower	Upper
162	100		
127	42.7	27.4	41.0#

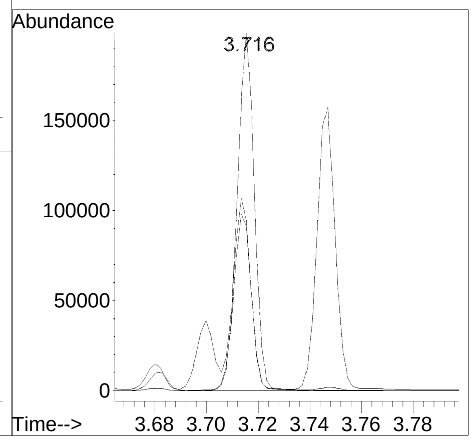


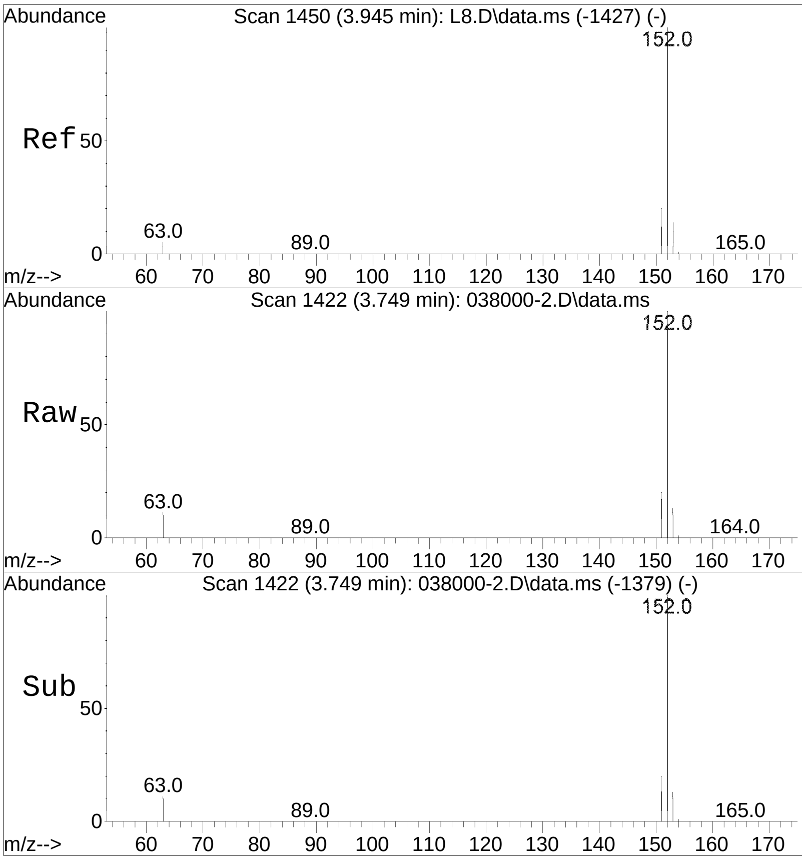


#16
2,6-Dinitrotoluene
Concen: 1384.20 ng/ml
RT: 3.716 min Scan# 1405
Delta R.T. 0.004 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:165 Resp: 91764

Ion	Ratio	Lower	Upper
165	100		
89	51.5	37.8	56.8
63	54.4	36.9	55.3

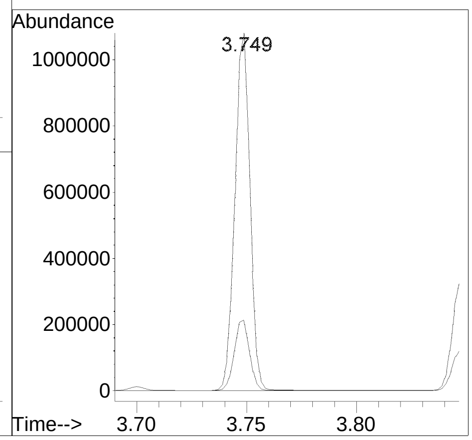


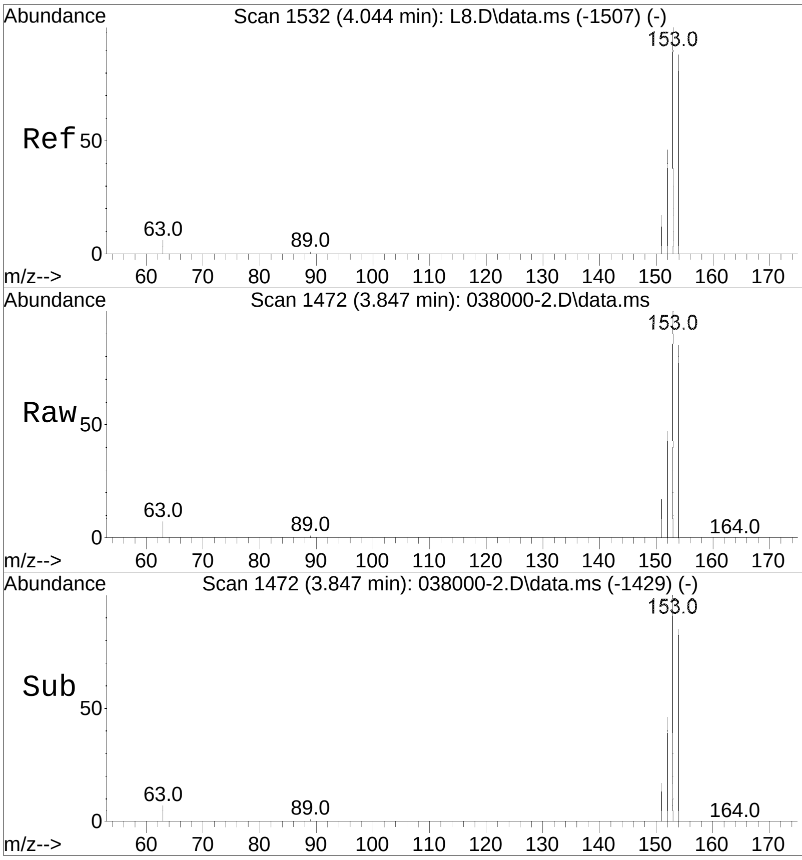


#17
Acenaphthylene
Concen: 1230.23 ng/ml
RT: 3.749 min Scan# 1422
Delta R.T. 0.004 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:152 Resp: 512509

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9

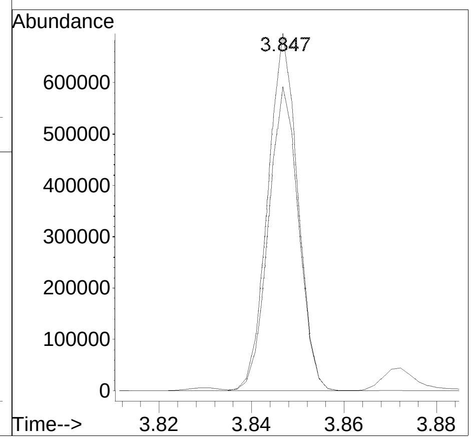


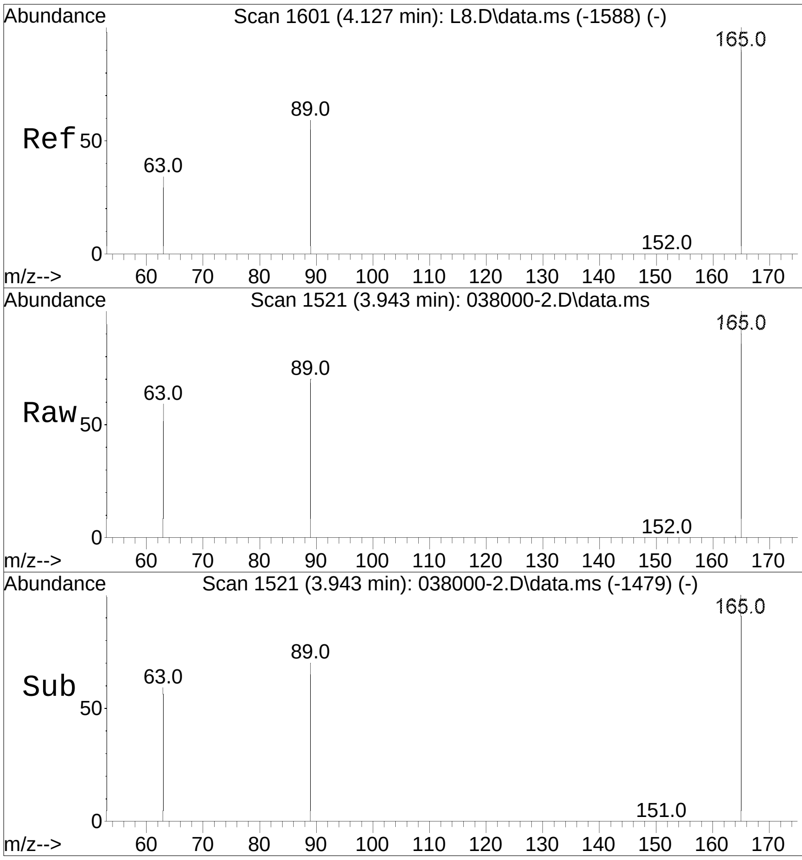


#19
Acenaphthene
Concen: 1123.83 ng/ml
RT: 3.847 min Scan# 1472
Delta R.T. 0.004 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:153 Resp: 311211

Ion	Ratio	Lower	Upper
153	100		
154	85.7	73.1	109.7

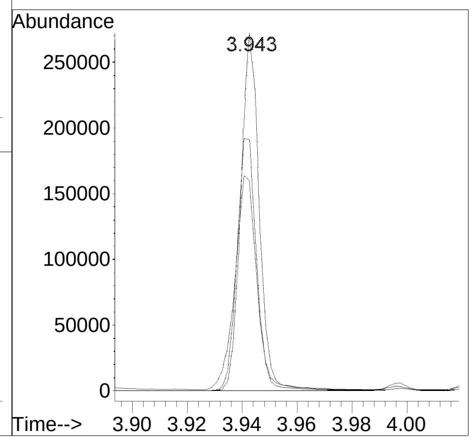


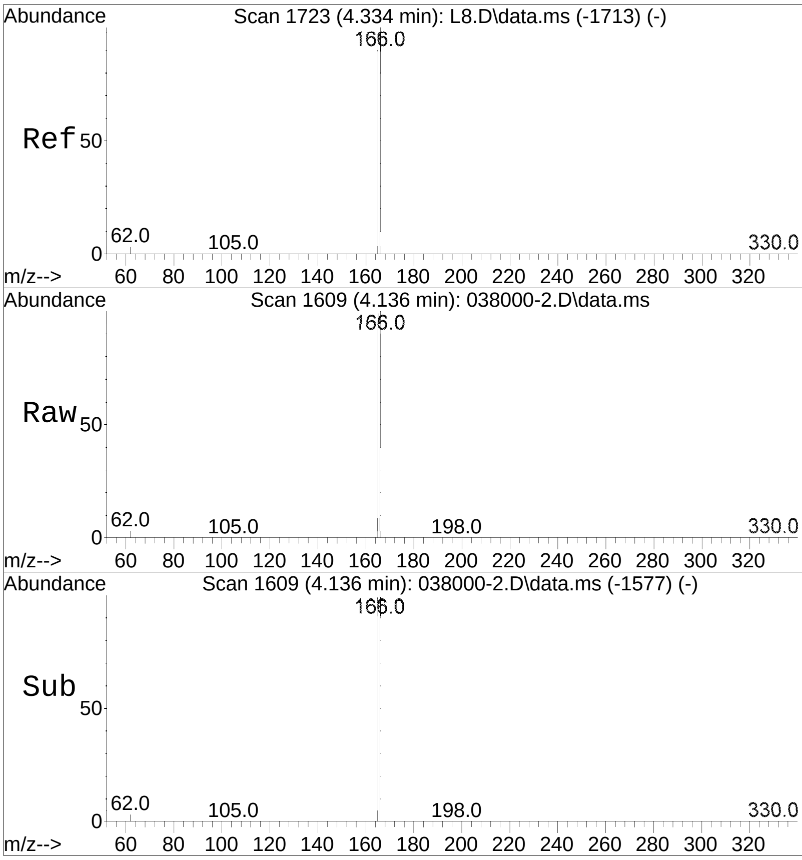


#20
2,4-Dinitrotoluene
Concen: 1438.38 ng/ml
RT: 3.943 min Scan# 1521
Delta R.T. 0.002 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:165 Resp: 126706

Ion	Ratio	Lower	Upper
165	100		
89	74.9	48.7	73.1#
63	71.6	28.6	42.8#

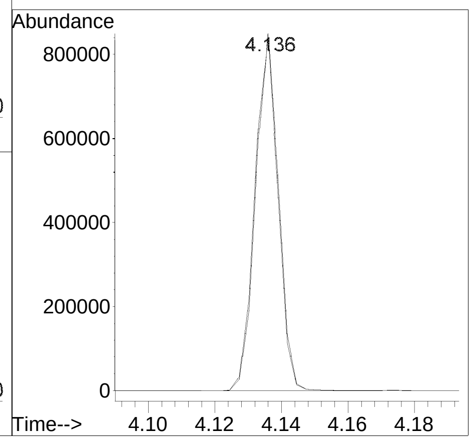


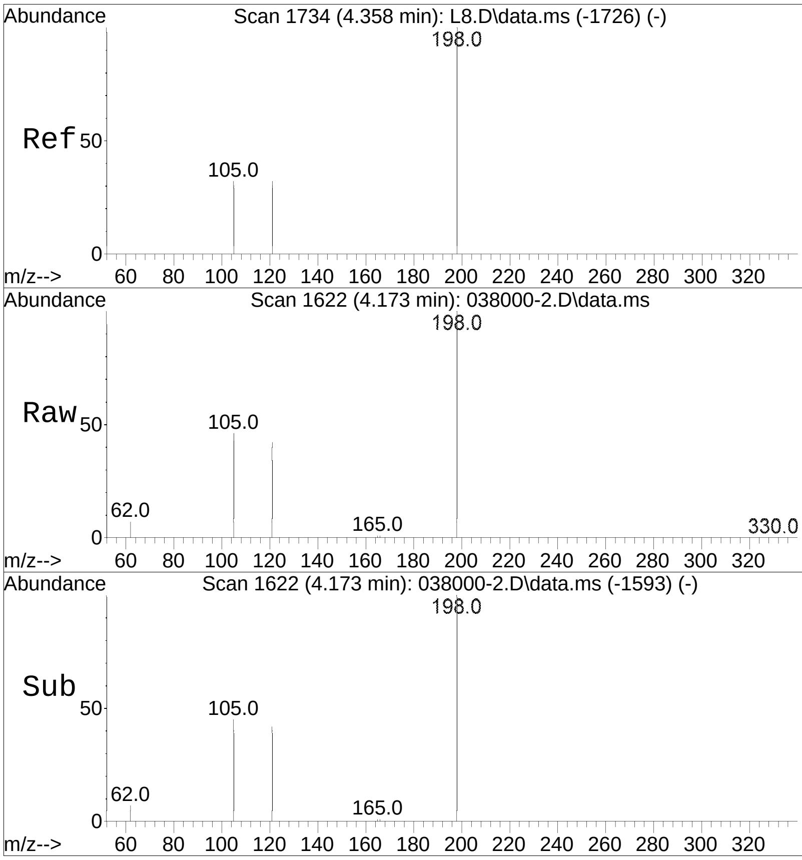


#21
Fluorene
Concen: 1272.65 ng/ml
RT: 4.136 min Scan# 1609
Delta R.T. 0.003 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:166 Resp: 404899

Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.8	116.8

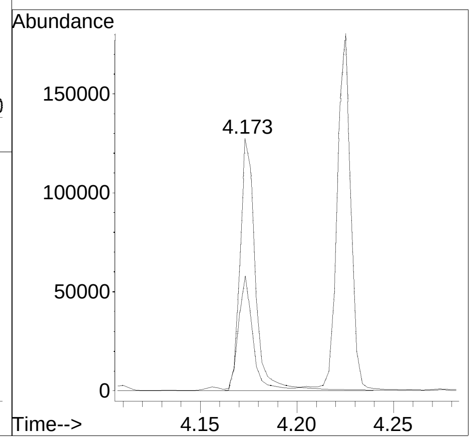


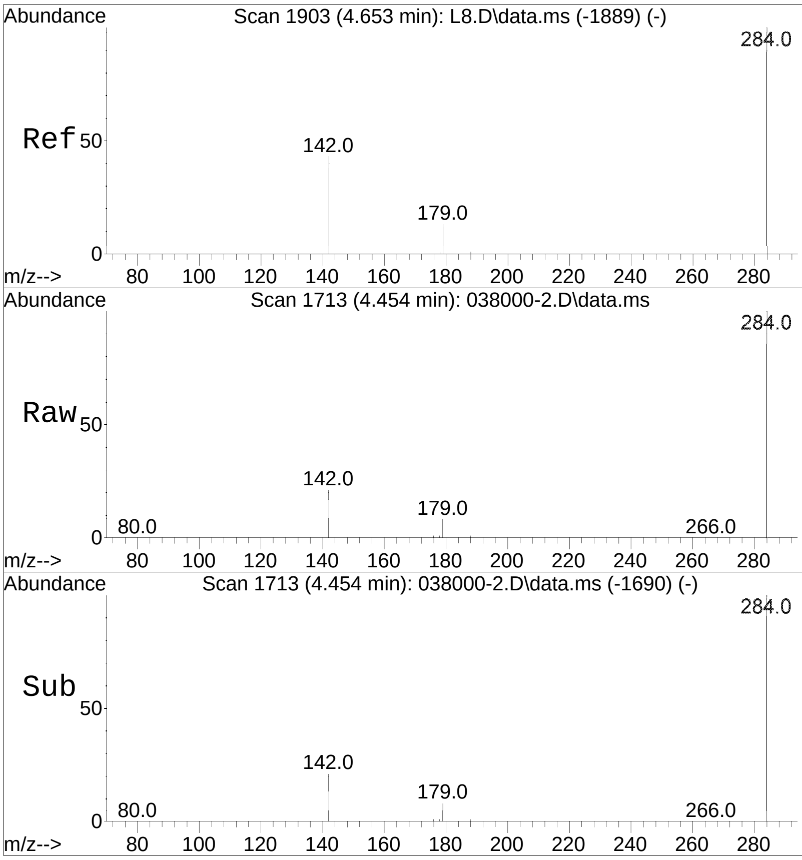


#24
4,6-Dinitro-o-cresol
Concen: 1191.98 ng/ml
RT: 4.173 min Scan# 1622
Delta R.T. 0.003 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:198 Resp: 70170

Ion	Ratio	Lower	Upper
198	100		
105	40.8	30.6	45.8

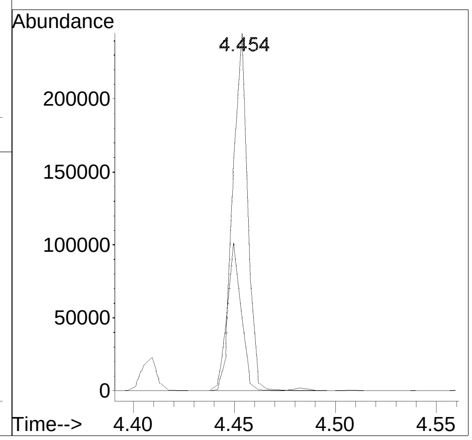


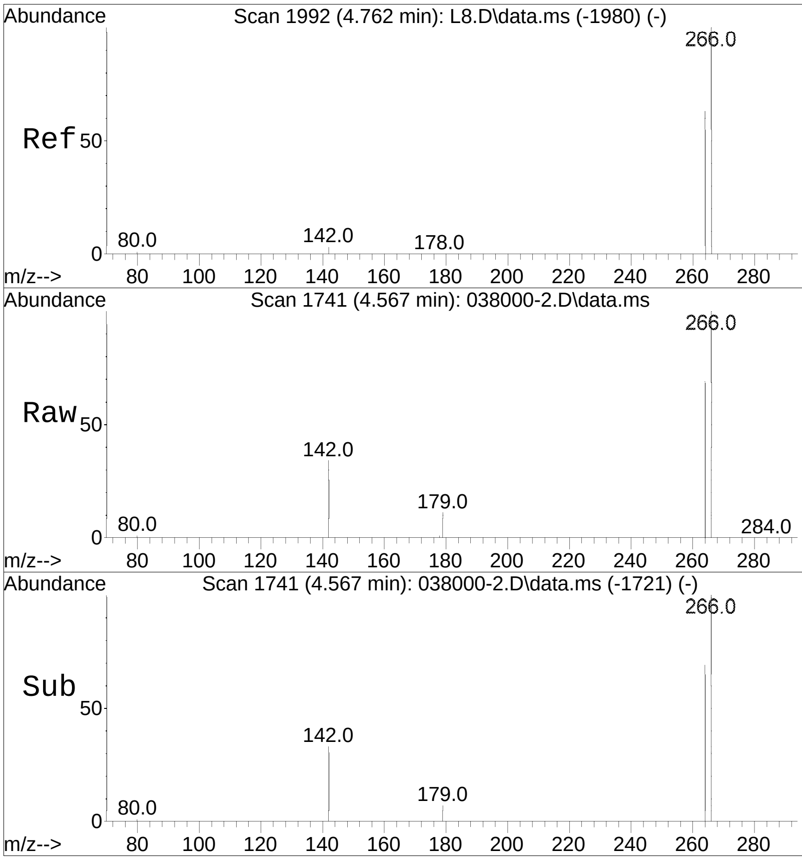


#25
Hexachlorobenzene
Concen: 1186.46 ng/ml
RT: 4.454 min Scan# 1713
Delta R.T. 0.004 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:284 Resp: 124861

Ion	Ratio	Lower	Upper
284	100		
142	39.5	33.8	50.6

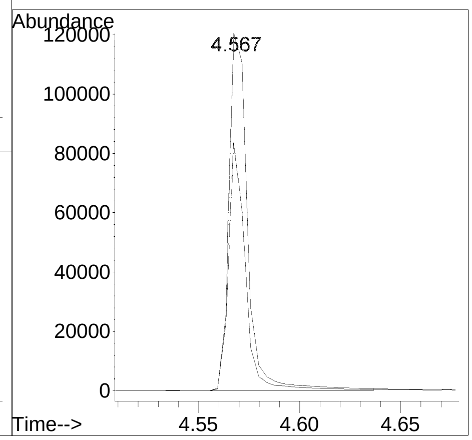


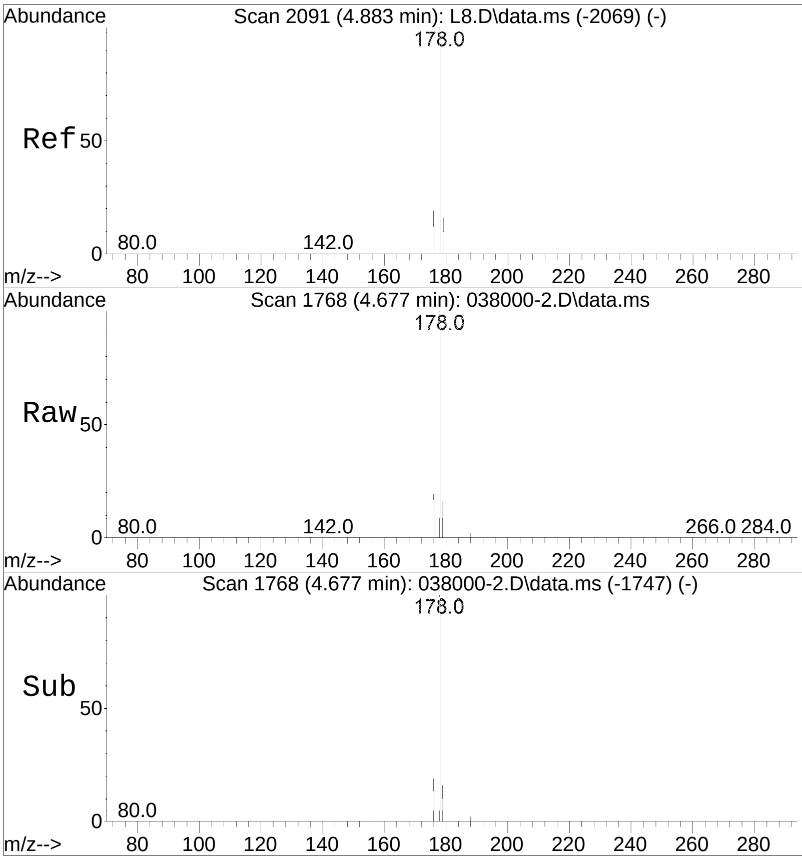


#26
Pentachlorophenol
Concen: 1418.60 ng/ml
RT: 4.567 min Scan# 1741
Delta R.T. 0.000 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:266 Resp: 77214

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.8	76.2

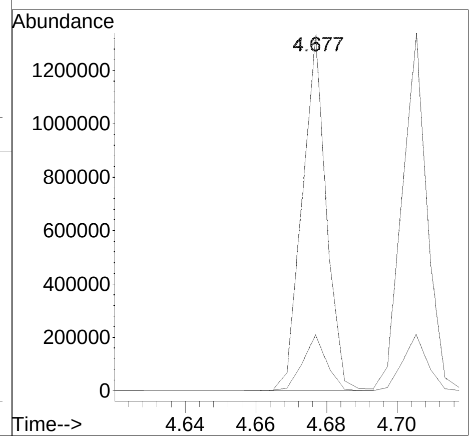


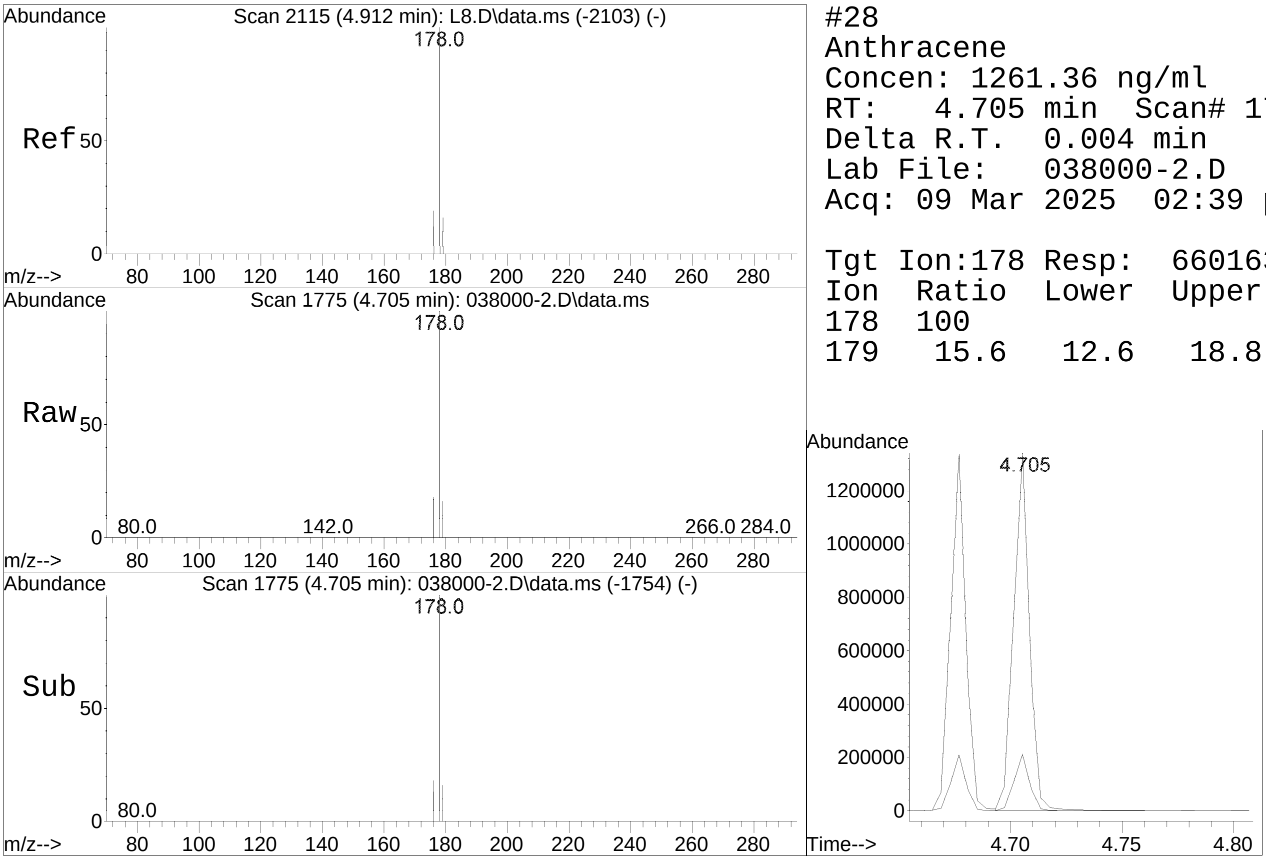


#27
Phenanthrene
Concen: 1216.66 ng/ml
RT: 4.677 min Scan# 1768
Delta R.T. 0.004 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:178 Resp: 635115

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2

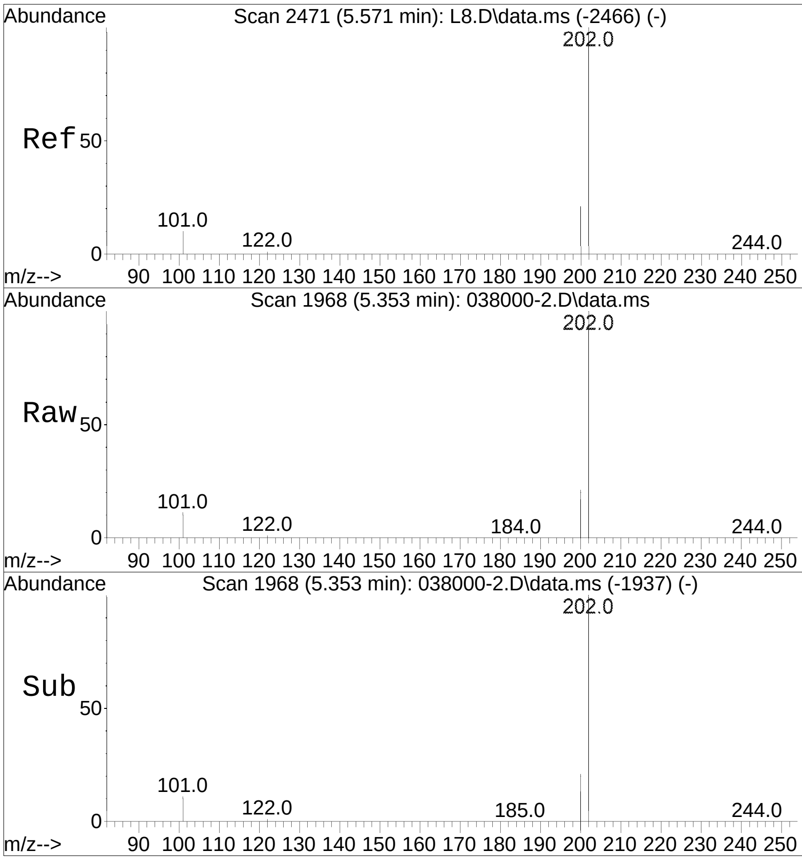




#28
Anthracene
Concen: 1261.36 ng/ml
RT: 4.705 min Scan# 1775
Delta R.T. 0.004 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:178 Resp: 660163

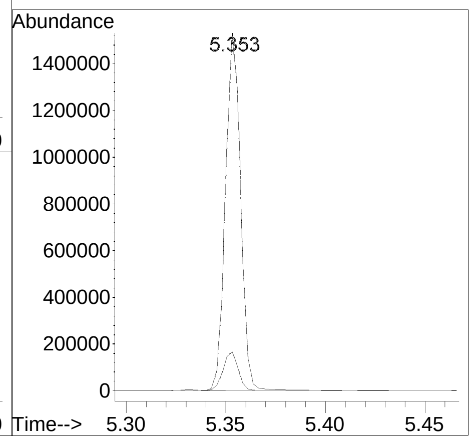
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8

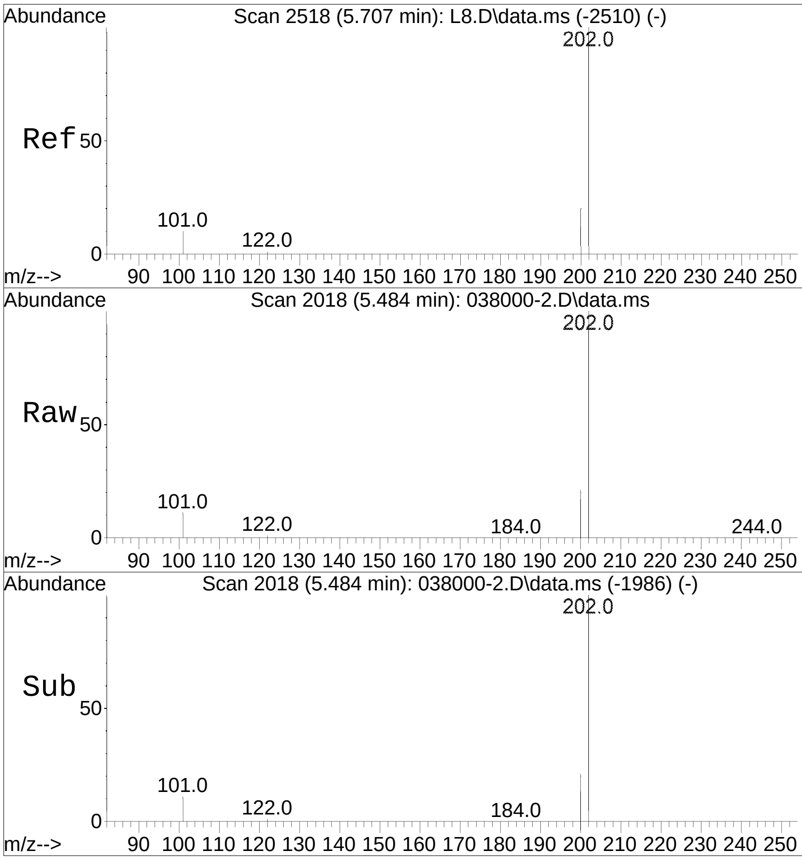


#29
Fluoranthene
Concen: 1218.32 ng/ml
RT: 5.353 min Scan# 1968
Delta R.T. 0.002 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:202 Resp: 795677

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.2	12.2

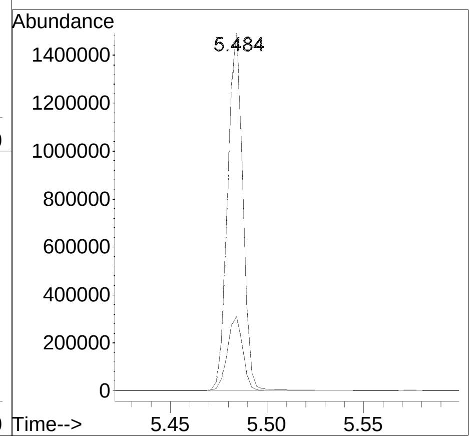


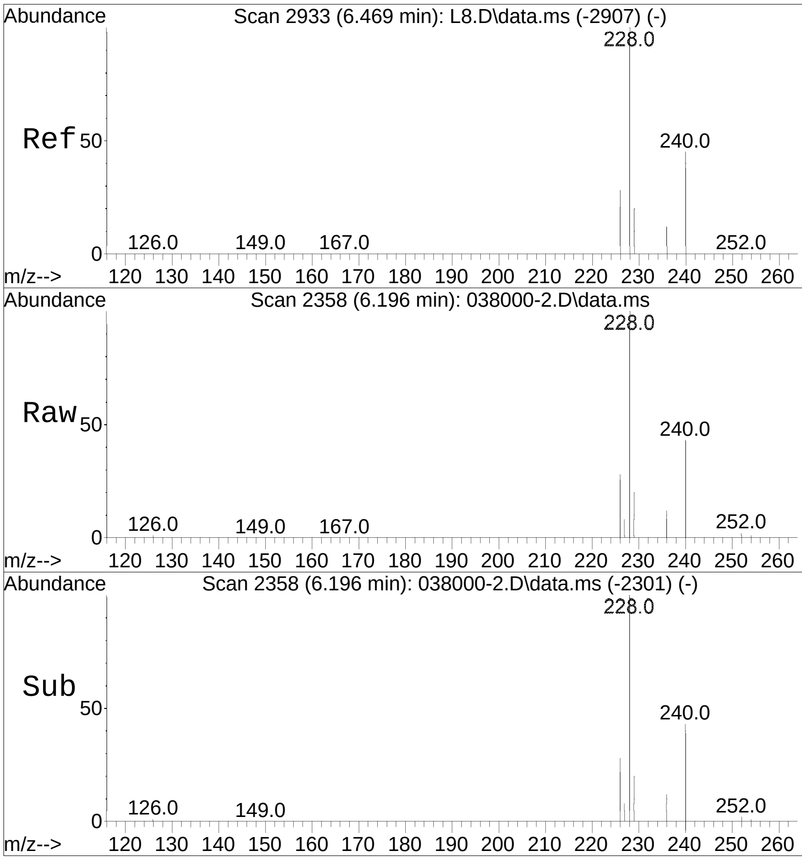


#30
Pyrene
Concen: 1196.81 ng/ml
RT: 5.484 min Scan# 2018
Delta R.T. 0.004 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:202 Resp: 806786

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3

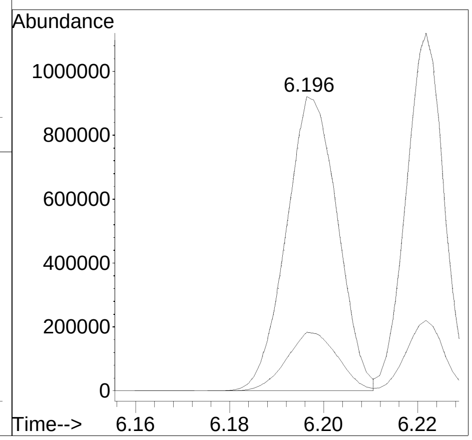


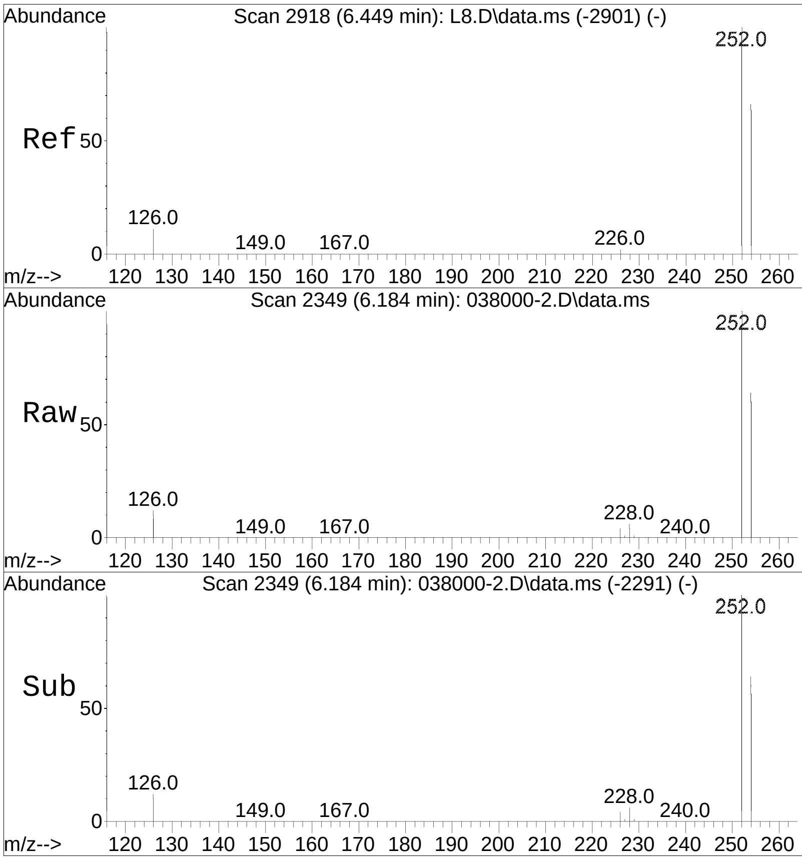


#34
Benzo[a]anthracene
Concen: 1292.08 ng/ml
RT: 6.196 min Scan# 2358
Delta R.T. 0.000 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:228 Resp: 698731

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9

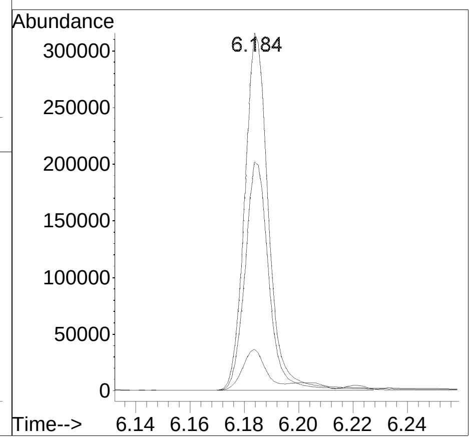


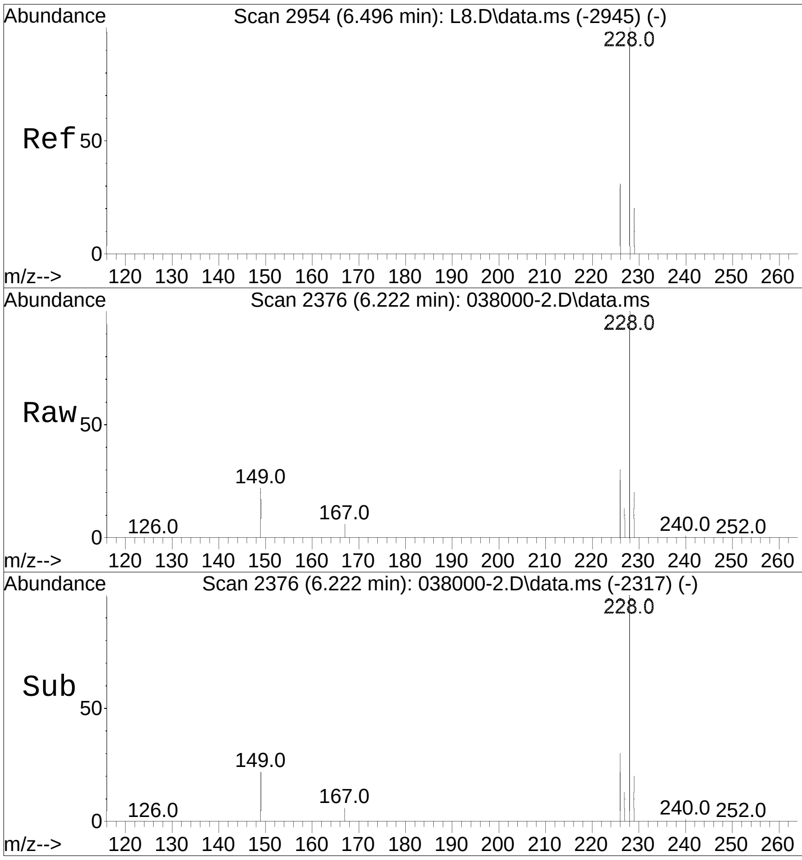


#35
3,3'-Dichlorobenzidine
Concen: 997.98 ng/ml
RT: 6.184 min Scan# 2349
Delta R.T. 0.002 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:252 Resp: 191787

Ion	Ratio	Lower	Upper
252	100		
126	11.4	8.6	13.0
254	64.3	51.8	77.8

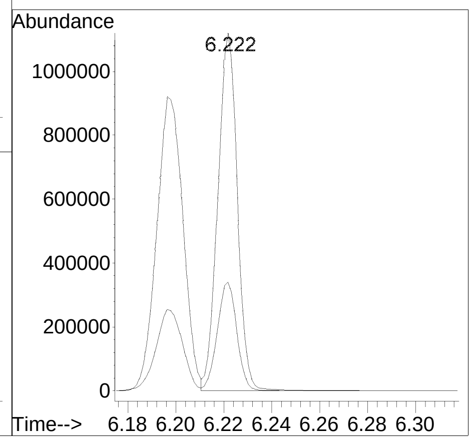


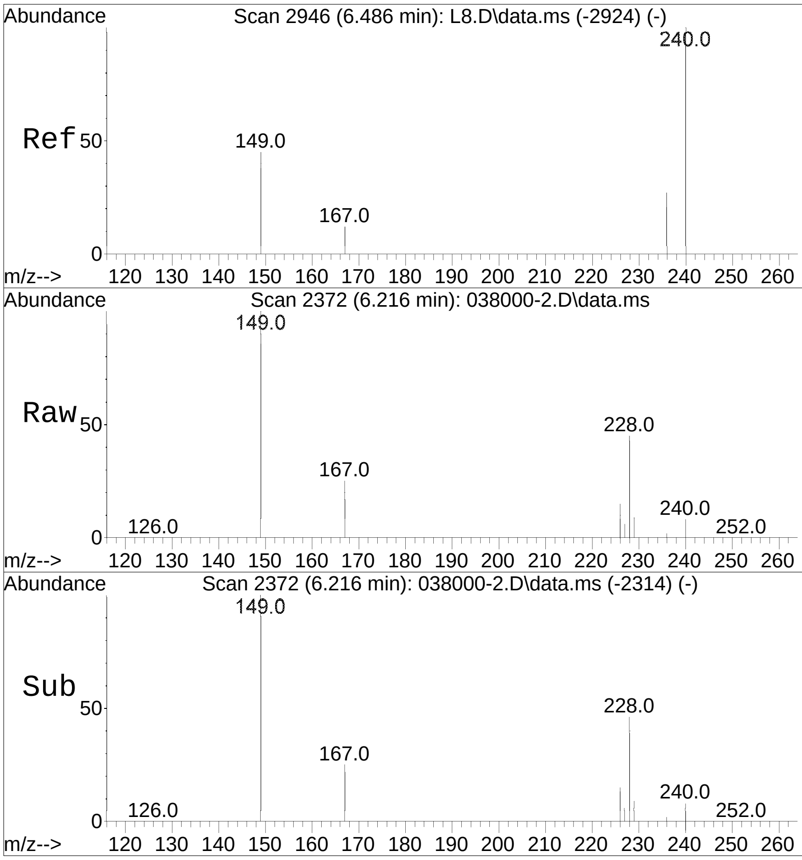


#36
Chrysene
Concen: 1197.34 ng/ml
RT: 6.222 min Scan# 2376
Delta R.T. 0.003 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:228 Resp: 630474

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6

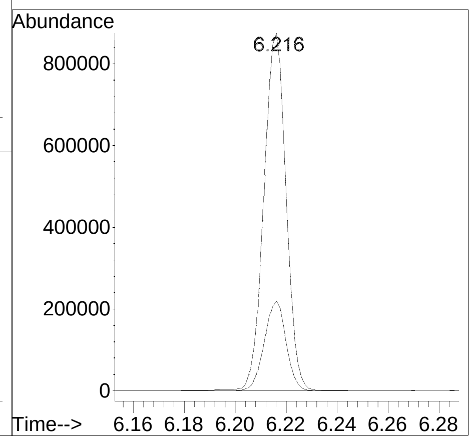


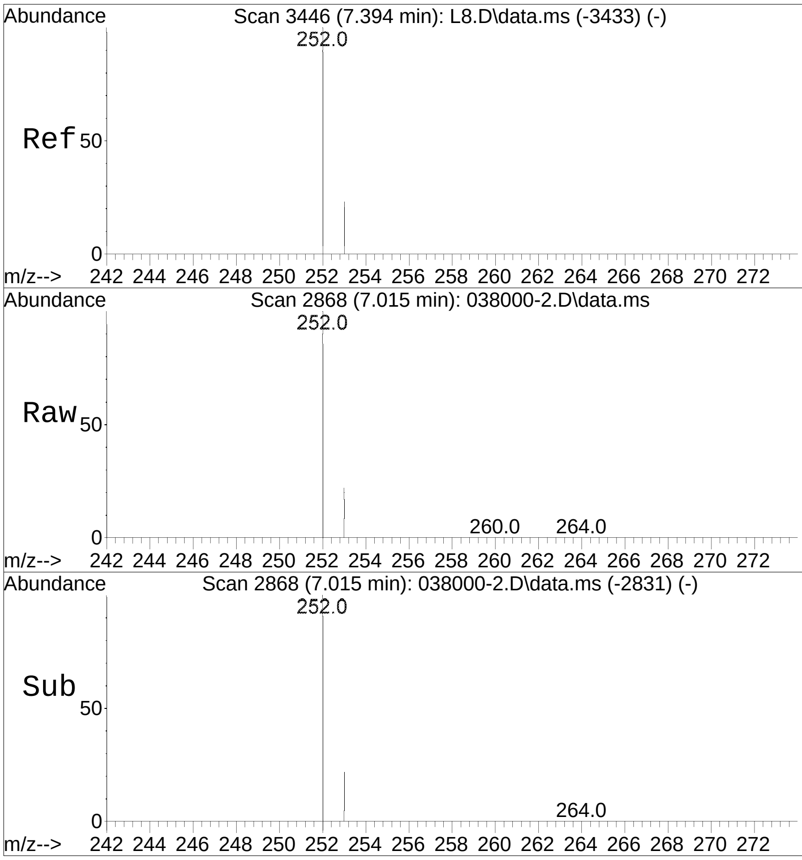


#37
Bis(2-ethylhexyl)phthalate
Concen: 1915.12 ng/ml
RT: 6.216 min Scan# 2372
Delta R.T. 0.002 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:149 Resp: 523147

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.7	31.1

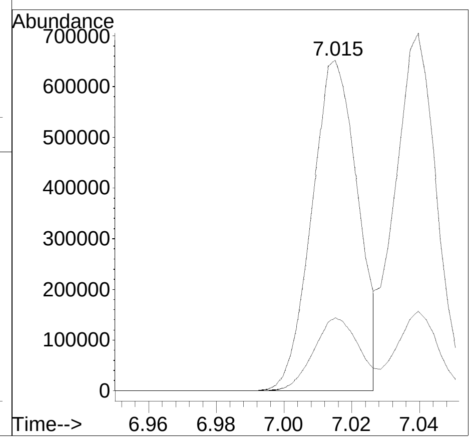


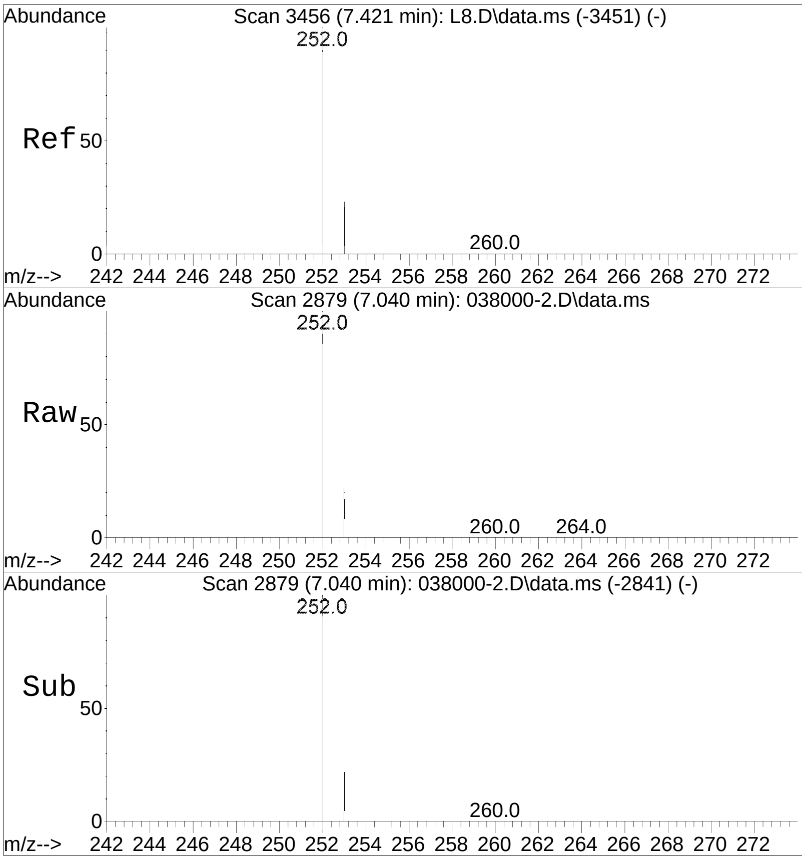


#39
Benzo[b]fluoranthene
Concen: 1315.18 ng/ml
RT: 7.015 min Scan# 2868
Delta R.T. 0.002 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:252 Resp: 615590

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1

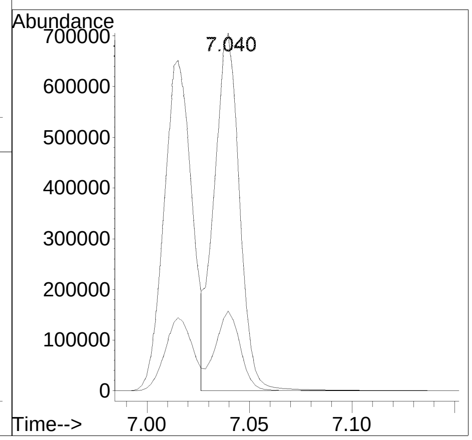


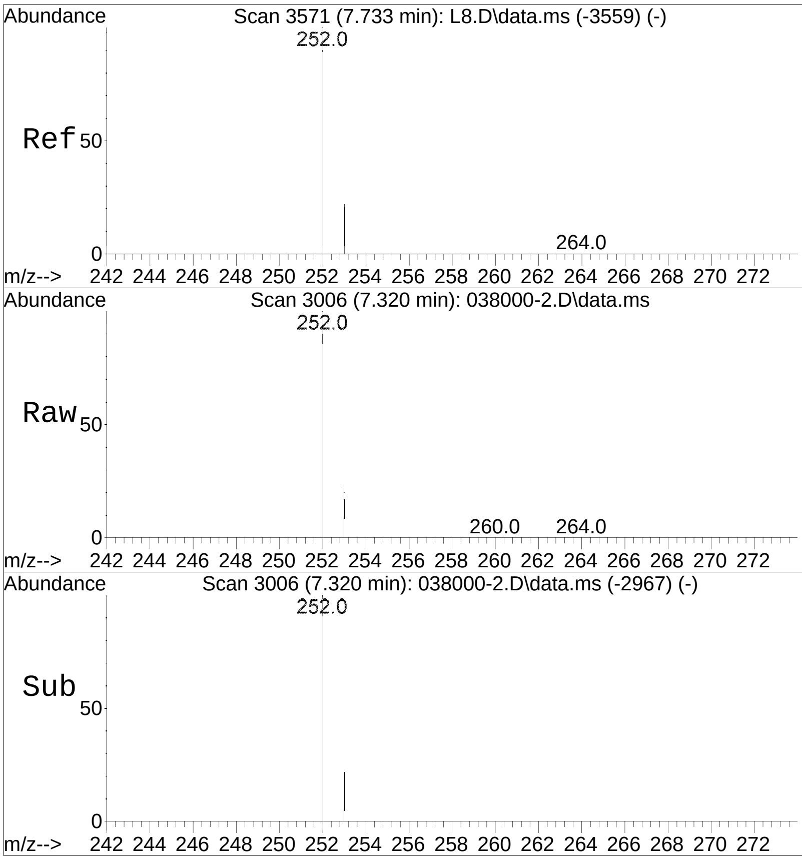


#40
Benzo[k]fluoranthene
Concen: 1314.14 ng/ml
RT: 7.040 min Scan# 2879
Delta R.T. 0.005 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:252 Resp: 606575

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2

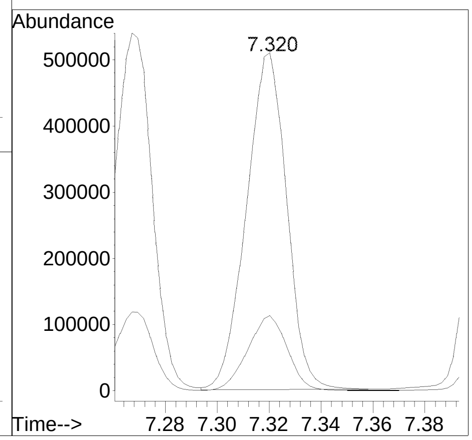


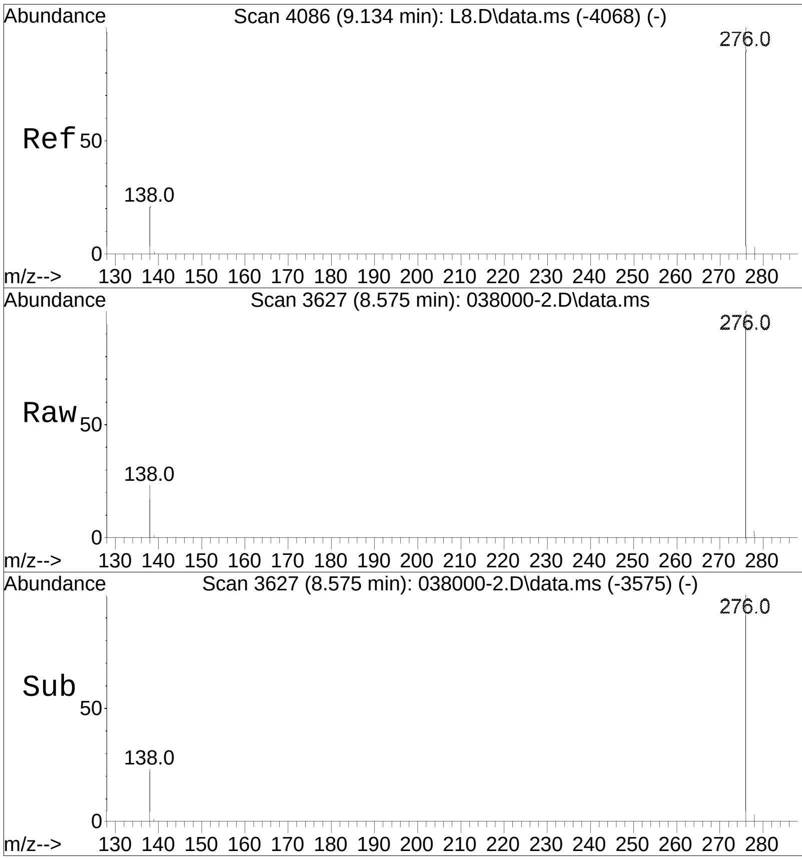


#41
Benzo[a]pyrene
Concen: 1374.57 ng/ml
RT: 7.320 min Scan# 3006
Delta R.T. 0.007 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:252 Resp: 545932

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9

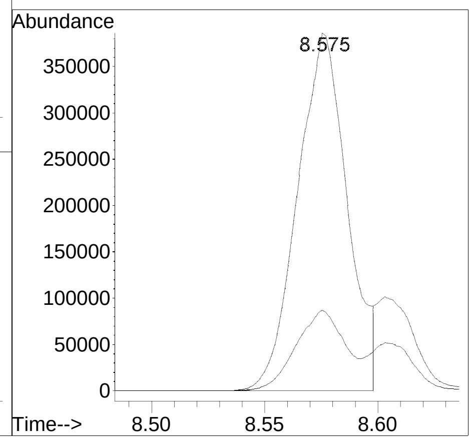


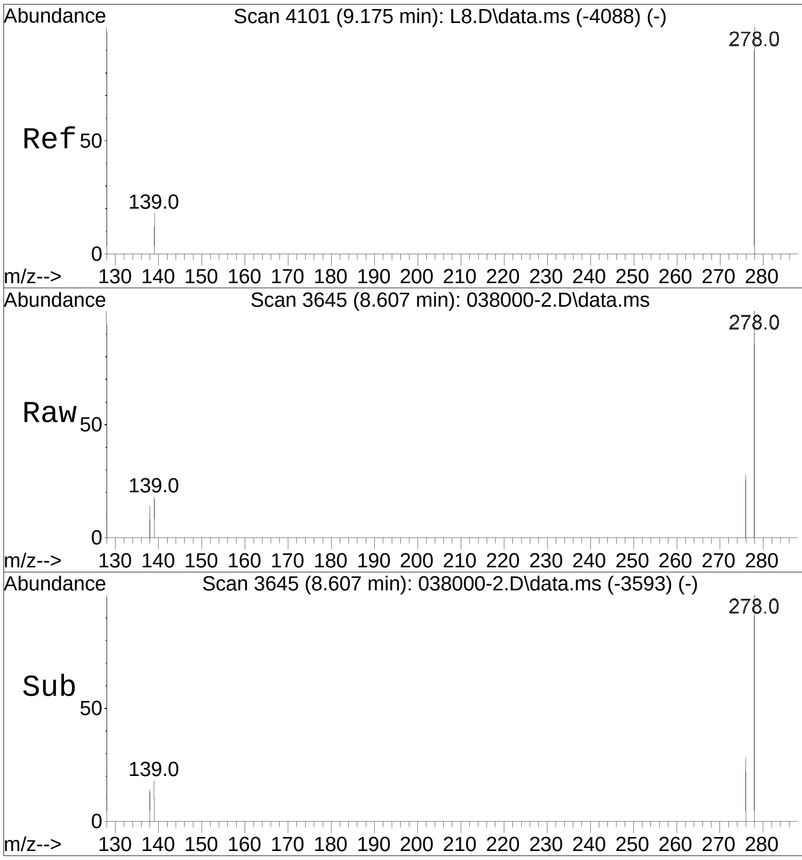


#42
Indeno[1,2,3-cd]pyrene
Concen: 1522.42 ng/ml
RT: 8.575 min Scan# 3627
Delta R.T. 0.010 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:276 Resp: 585376

Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.9	25.3

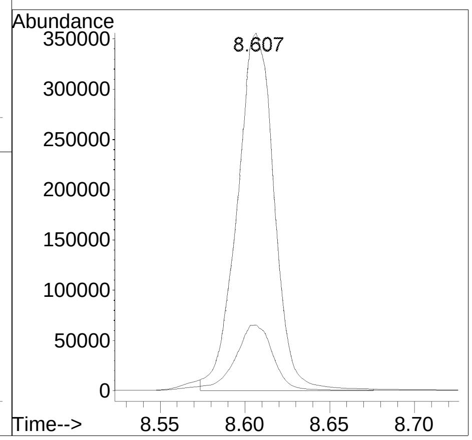


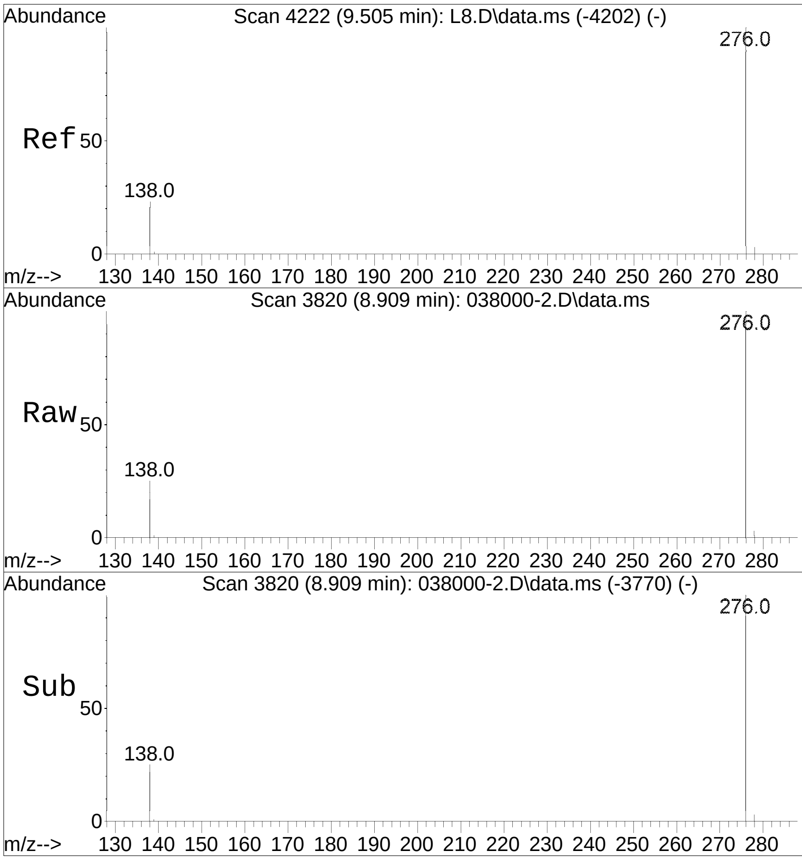


#43
Dibenzo[a,h]anthracene
Concen: 1511.52 ng/ml M6
RT: 8.607 min Scan# 3645
Delta R.T. 0.010 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:278 Resp: 539156

Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.6	22.0

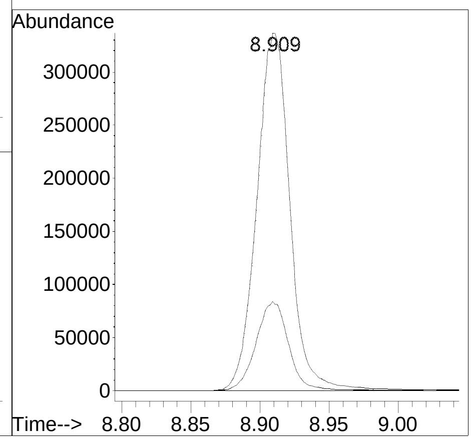




#44
Benzo[g,h,i]perylene
Concen: 1513.09 ng/ml
RT: 8.909 min Scan# 3820
Delta R.T. 0.007 min
Lab File: 038000-2.D
Acq: 09 Mar 2025 02:39 pm

Tgt Ion:276 Resp: 553735

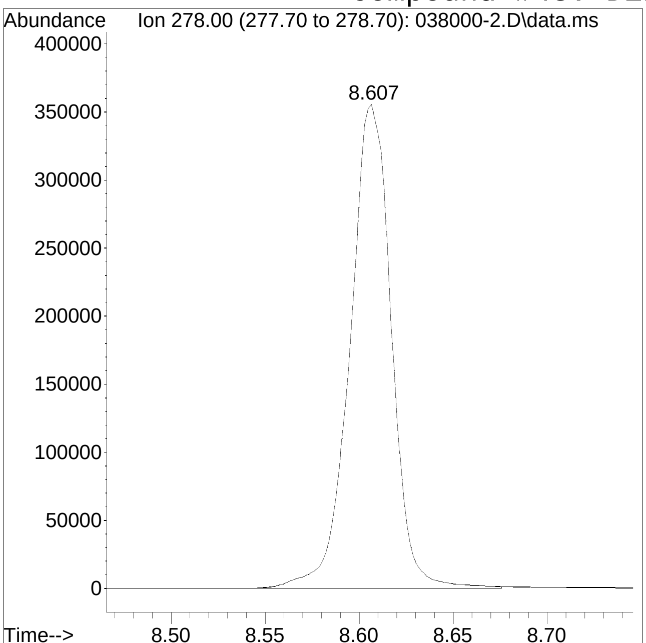
Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.6	28.0

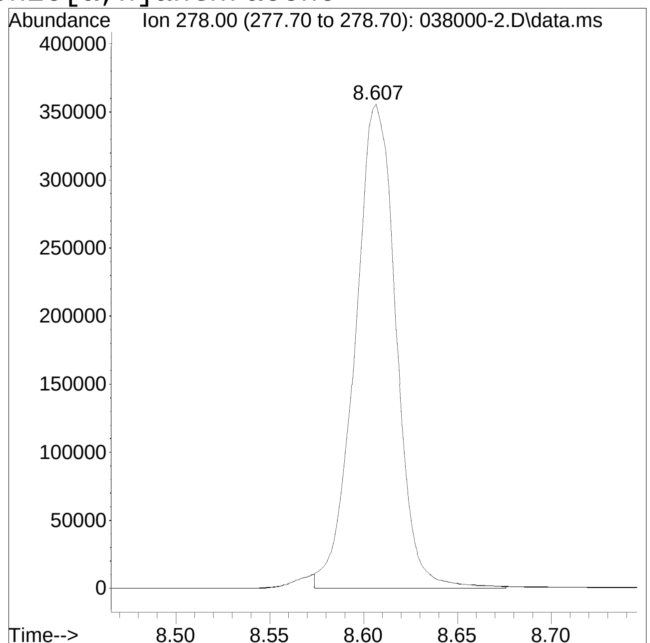


Manual Integration Report

Data Path : I:\8270SIM\sv119\250309RVTQMethod : SIM-RVT_241229_sv119.M
Data File : 038000-2.D Operator : sv119:jjw
Date Inj'd : 3/9/2025 2:39 pm Instrument : SV119
Sample : WG2038000-2,32,,RV,kmh Quant Date : 3/9/2025 2:53 pm

Compound #43: Dibenzo[a,h]anthracene





Original Peak Response = 546068 Manual Peak Response = 539156 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 038000-3.D
Acq On    : 09 Mar 2025  02:55 pm
Operator  : sv119:jjw
Sample    : WG2038000-3,32,,RV,kmh
Misc      : WG2038229,WG2038000,ical21826
ALS Vial  : 24   Sample Multiplier: 1

Quant Time: Mar 10 11:16:33 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List     : DEFAULT - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.205  152    249083   4000.000 ng/ml    0.00
   Standard Area 1 = 300990                Recovery   =   82.75%
 9) Naphthalene-d8              2.861  136   1007325   4000.000 ng/ml    0.00
   Standard Area 1 = 1196740                Recovery   =   84.17%
18) Acenaphthene-d10            3.829  164    635211   4000.000 ng/ml    0.00
   Standard Area 1 = 705892                Recovery   =   89.99%
23) Phenanthrene-d10            4.664  188   1431119   4000.000 ng/ml    0.00
   Standard Area 1 = 1477541                Recovery   =   96.86%
33) Chrysene-d12                6.205  240   1235684   4000.000 ng/ml    0.00
   Standard Area 1 = 1392900                Recovery   =   88.71%
38) Perylene-d12                7.380  264   1143589   4000.000 ng/ml    0.00
   Standard Area 1 = 1362393                Recovery   =   83.94%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.644  112     85493   1281.008 ng/ml   0.01
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   64.05%
 4) Phenol-d6                   2.036   99     86161   1034.370 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   51.72%
 8) Nitrobenzene-d5             2.485   82     62453   773.167 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   77.32%
14) 2-Fluorobiphenyl            3.451  172    156182   635.839 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   63.58%
22) 2,4,6-Tribromophenol        4.274  330     47546   1714.993 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   85.75%
32) 4-Terphenyl-d14             5.574  244    231053   650.804 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   65.08%

 Target Compounds                                                 Qvalue
 2) N-Nitrosodimethylamine      1.206   74      59608    No Calib #
 5) Bis(2-chloroethyl)ether     2.071   93     128931   1676.961 ng/ml     90
 6) n-nitrosodi-n-propylamine   2.403   70     102076   1981.026 ng/ml    100
 7) Hexachloroethane            2.457  117      37504   1161.656 ng/ml     96
10) Naphthalene                 2.872  128     374782   1334.016 ng/ml    100
11) Hexachlorobutadiene         2.939  225      48196    974.819 ng/ml    100
12) 2-Methylnaphthalene         3.247  142     246885   1257.525 ng/ml     98
13) 1-Methylnaphthalene         3.303  142     254675   1408.826 ng/ml     98
15) 2-Chloronaphthalene         3.518  162     289095   1425.767 ng/ml#    86
16) 2,6-Dinitrotoluene          3.715  165      91057   1822.282 ng/ml     91
17) Acenaphthylene              3.749  152     518902   1652.507 ng/ml    100
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 038000-3.D
Acq On   : 09 Mar 2025 02:55 pm
Operator : sv119:jjw
Sample   : WG2038000-3,32,,RV,kmh
Misc   : WG2038229,WG2038000,ical21826
ALS Vial : 24   Sample Multiplier: 1

Quant Time: Mar 10 11:16:33 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250309RVT\ccv0309.D
Sub List   : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) Acenaphthene	3.846	153	315361	1488.582 ng/ml	94
20) 2,4-Dinitrotoluene	3.942	165	128296	1903.739 ng/ml#	66
21) Fluorene	4.136	166	401809	1650.816 ng/ml	97
24) 4,6-Dinitro-o-cresol	4.173	198	71001	1497.454 ng/ml	95
25) Hexachlorobenzene	4.453	284	123007	1458.168 ng/ml	96
26) Pentachlorophenol	4.567	266	79503	1786.540 ng/ml	100
27) Phenanthrene	4.677	178	639312	1527.855 ng/ml	99
28) Anthracene	4.705	178	671515	1600.640 ng/ml	99
29) Fluoranthene	5.354	202	819403	1565.217 ng/ml	98
30) Pyrene	5.482	202	829129	1534.405 ng/ml	100
31) Benzidine	5.441	184	337	No Calib #	
34) Benzo[a]anthracene	6.196	228	727131	1666.377 ng/ml	100
35) 3,3'-Dichlorobenzidine	6.182	252	176011	1129.867 ng/ml	99
36) Chrysene	6.220	228	656859	1543.888 ng/ml	100
37) Bis(2-ethylhexyl)phtha...	6.214	149	575378	2606.876 ng/ml	97
39) Benzo[b]fluoranthene	7.015	252	654717	1727.459 ng/ml	98
40) Benzo[k]fluoranthene	7.039	252	622656	1665.964 ng/ml	99
41) Benzo[a]pyrene	7.318	252	572898	1781.419 ng/ml	99
42) Indeno[1,2,3-cd]pyrene	8.572	276	624041	2004.343 ng/ml	98
43) Dibenzo[a,h]anthracene	8.603	278	559623M6	1937.563 ng/ml	
44) Benzo[g,h,i]perylene	8.911	276	580816	1960.021 ng/ml	97

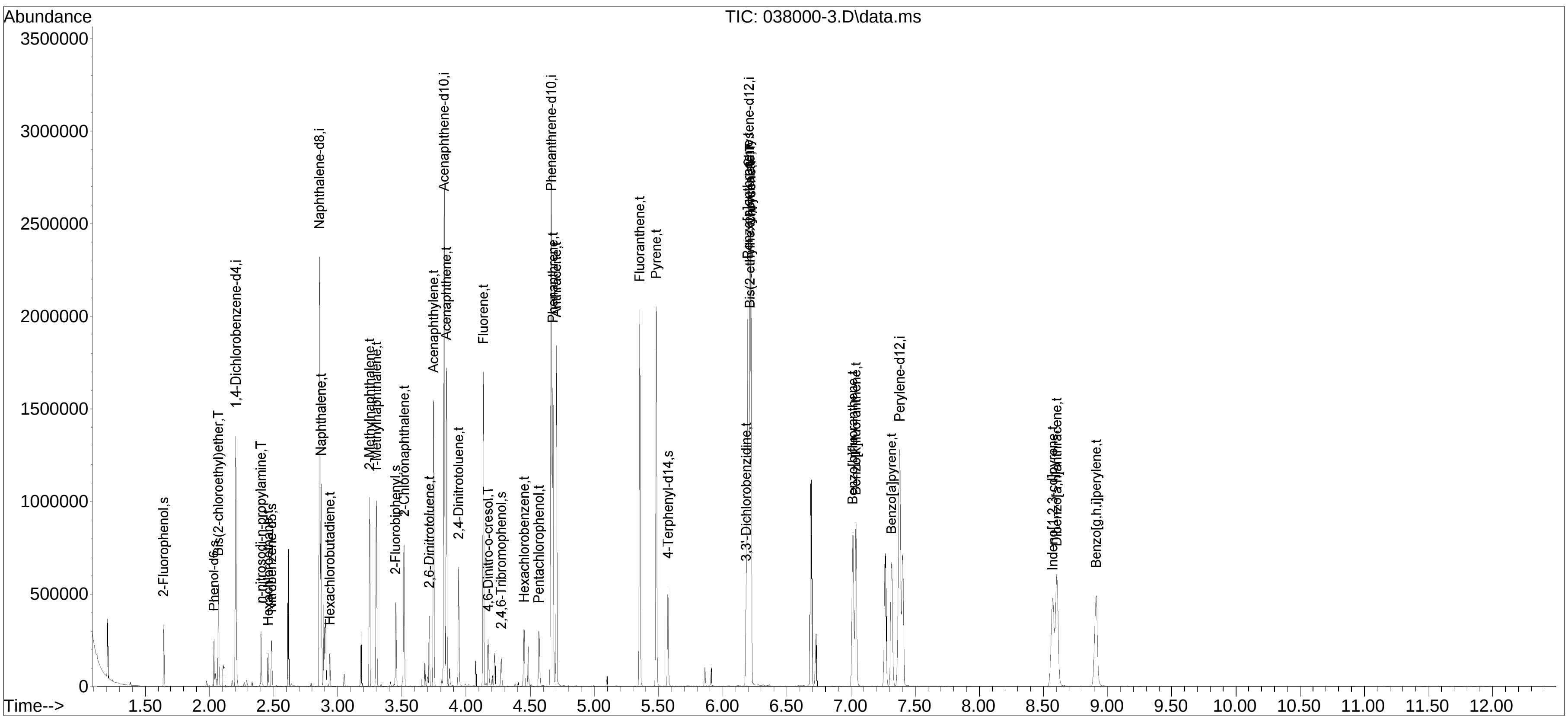
(#) = qualifier out of range (m) = manual integration (+) = signals summed

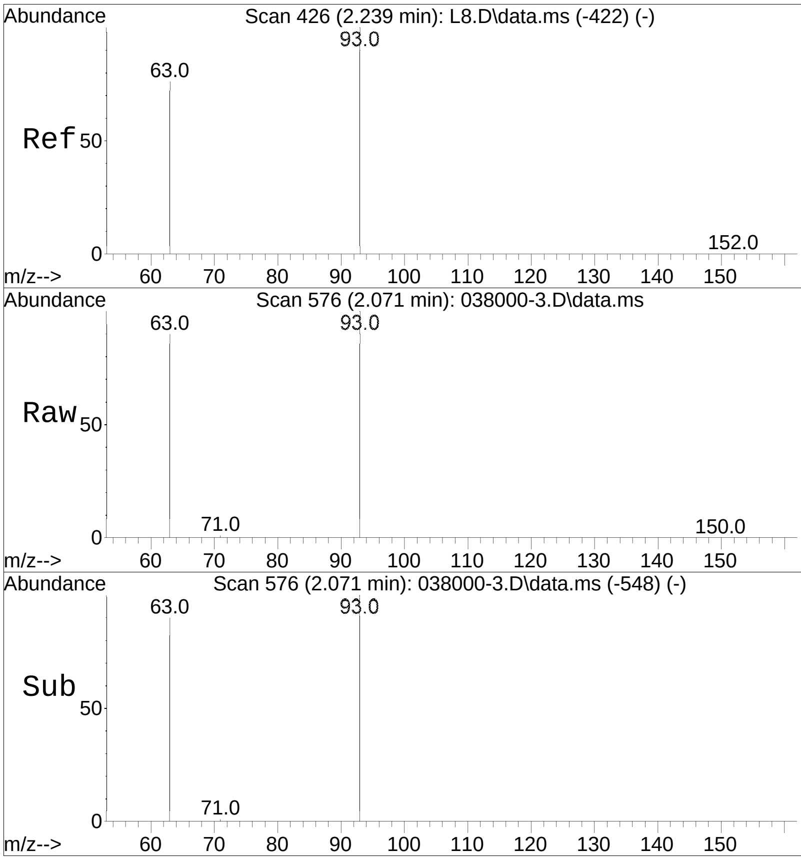
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250309RVT\
Data File : 038000-3.D
Acq On : 09 Mar 2025 02:55 pm
Operator : sv119:jjw
Sample : WG2038000-3,32,,RV,kmh
Misc : WG2038229,WG2038000,ical21826
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 10 11:16:33 2025
Quant Method : I:\8270sim\sv119\250309RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Mar 09 08:12:11 2025
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0309.D•

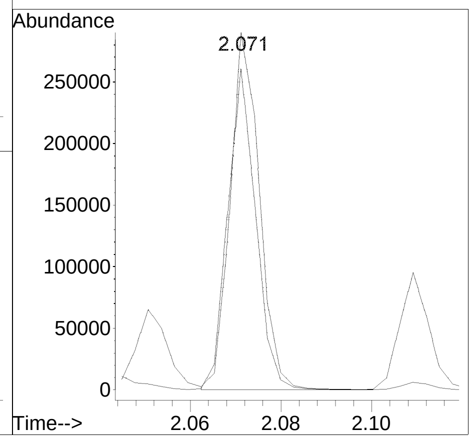


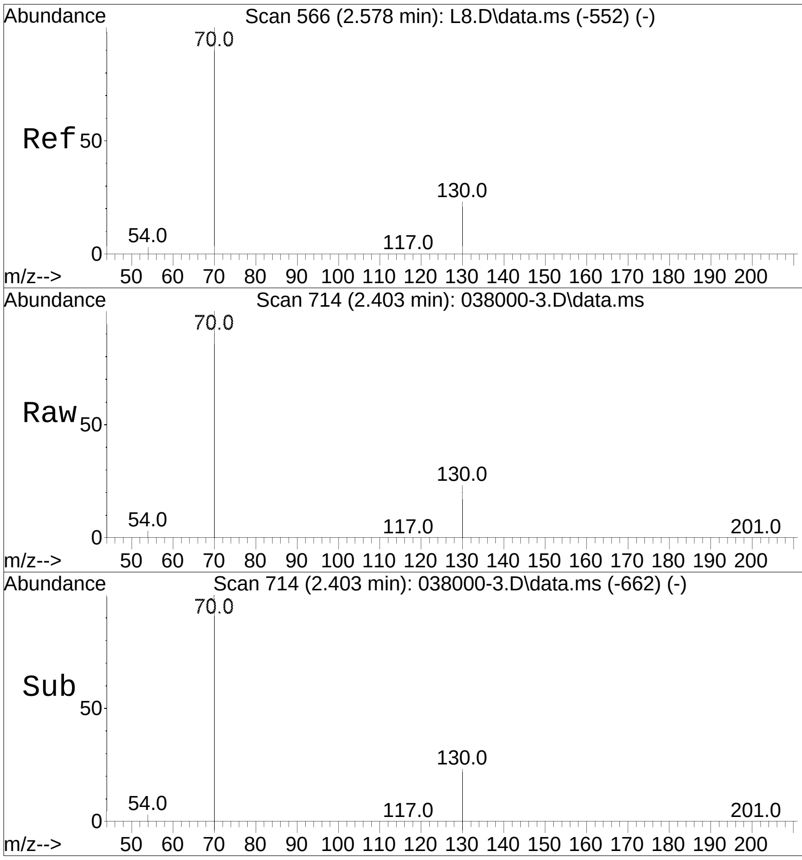


#5
Bis(2-chloroethyl)ether
Concen: 1676.96 ng/ml
RT: 2.071 min Scan# 576
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion: 93 Resp: 128931

Ion	Ratio	Lower	Upper
93	100		
63	86.0	61.7	92.5

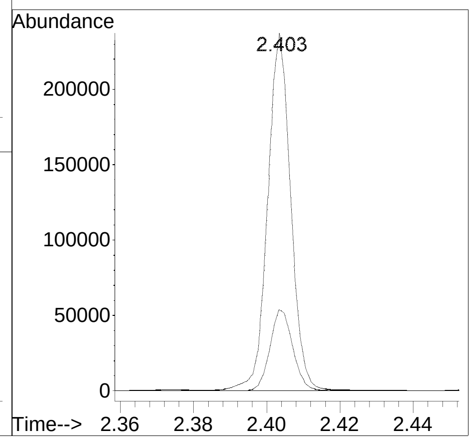


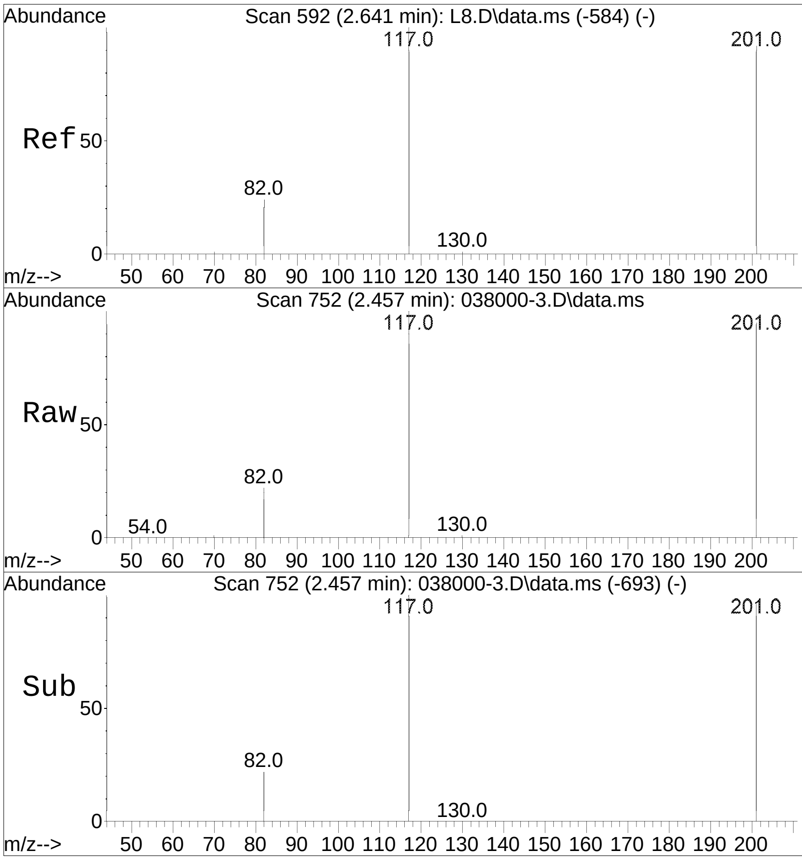


#6
n-nitrosodi-n-propylamine
Concen: 1981.03 ng/ml
RT: 2.403 min Scan# 714
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion: 70 Resp: 102076

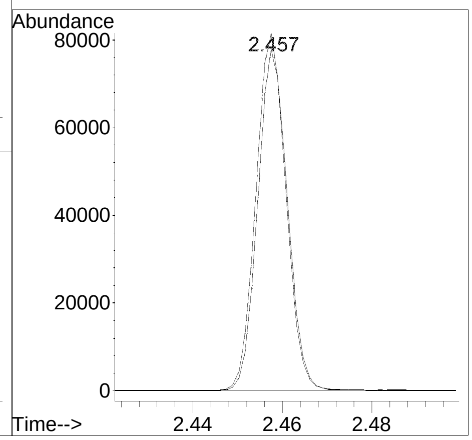
Ion	Ratio	Lower	Upper
70	100		
130	22.5	18.1	27.1

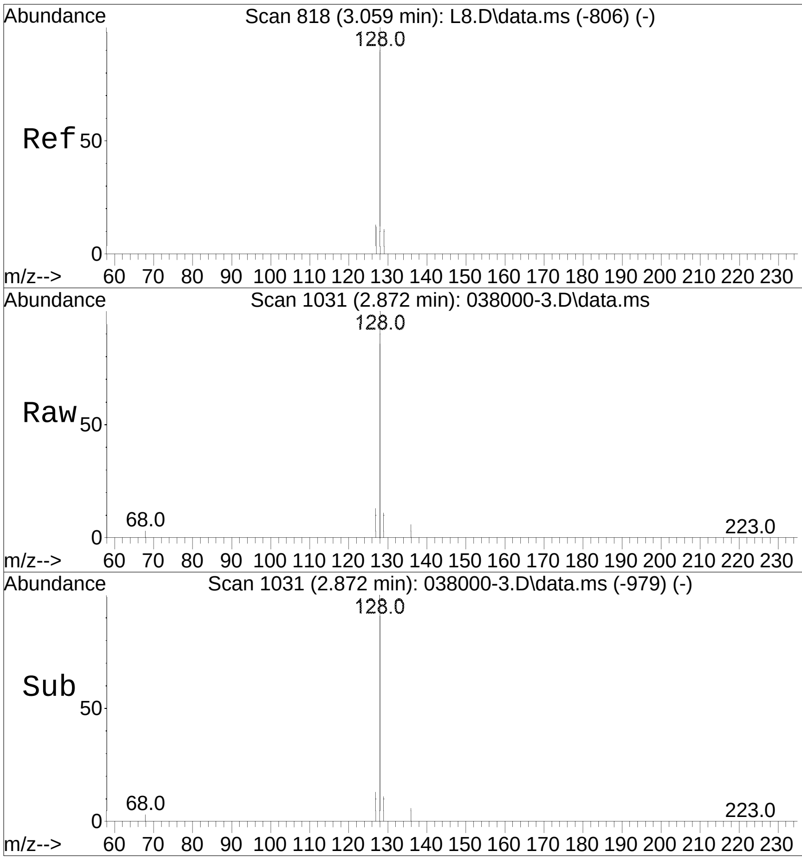




#7
Hexachloroethane
Concen: 1161.66 ng/ml
RT: 2.457 min Scan# 752
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:117	Resp:	37504	
Ion	Ratio	Lower	Upper
117	100		
201	95.0	79.3	118.9

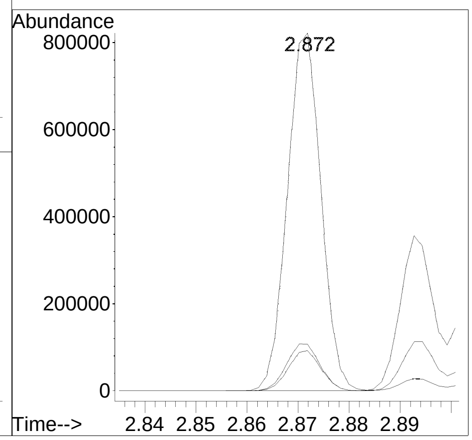




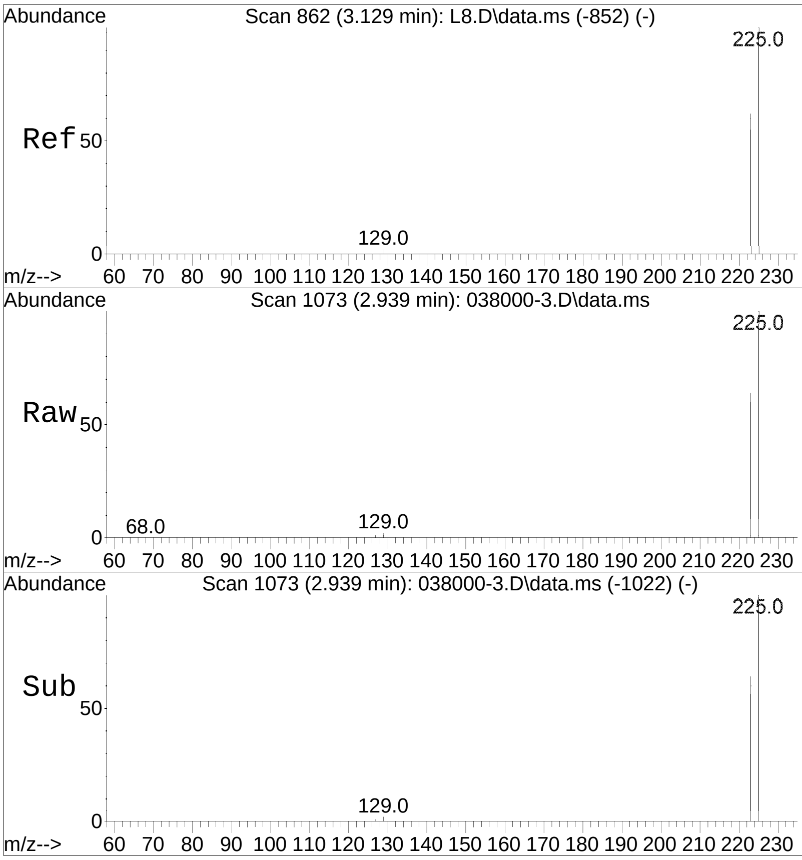
#10
Naphthalene
Concen: 1334.02 ng/ml
RT: 2.872 min Scan# 1031
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:128 Resp: 374782

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.2	10.5	15.7



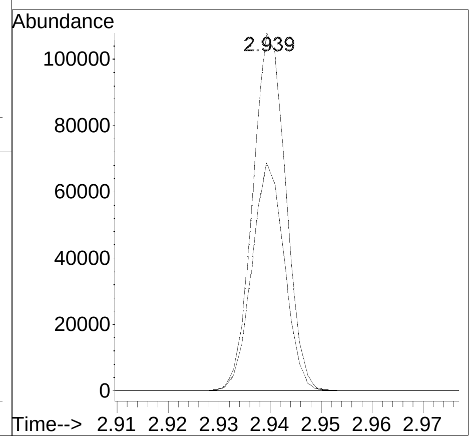
038000-3.D SIM-RVT_241229_sv119.M Mon Mar 10 11:25:47 2025 Page 7

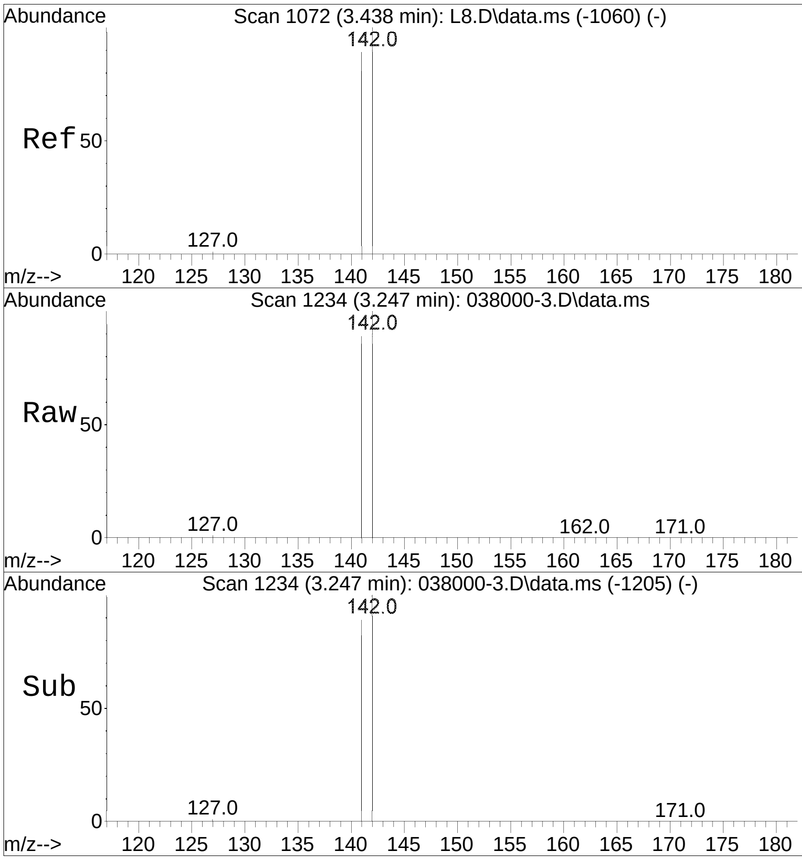


#11
Hexachlorobutadiene
Concen: 974.82 ng/ml
RT: 2.939 min Scan# 1073
Delta R.T. 0.002 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:225 Resp: 48196

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6

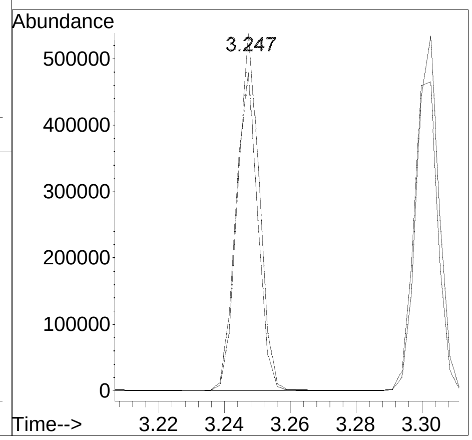


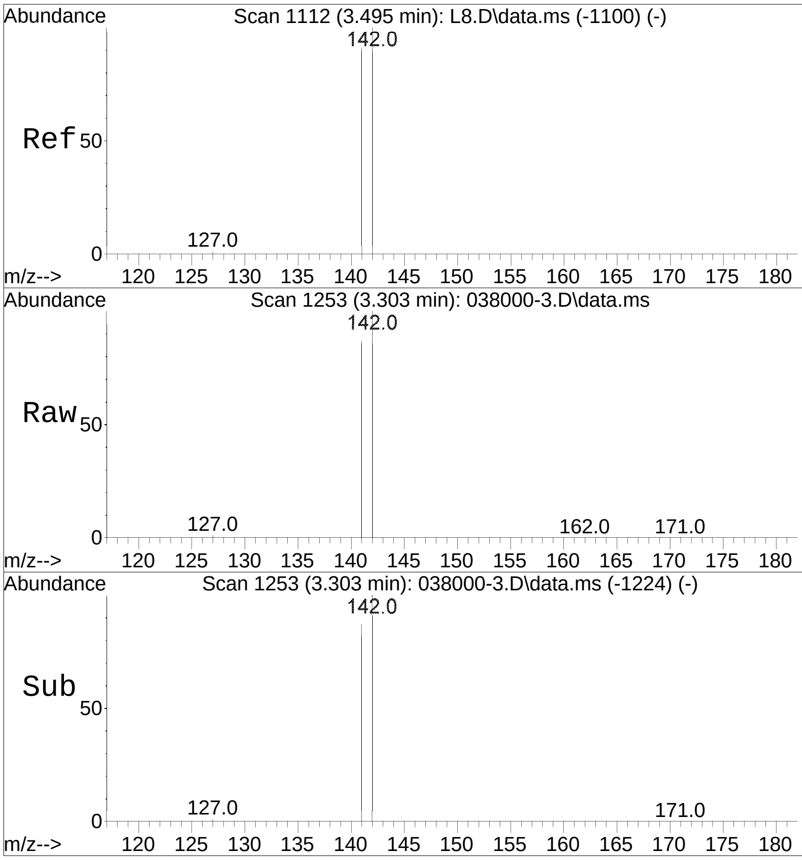


#12
2-Methylnaphthalene
Concen: 1257.52 ng/ml
RT: 3.247 min Scan# 1234
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:142 Resp: 246885

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9

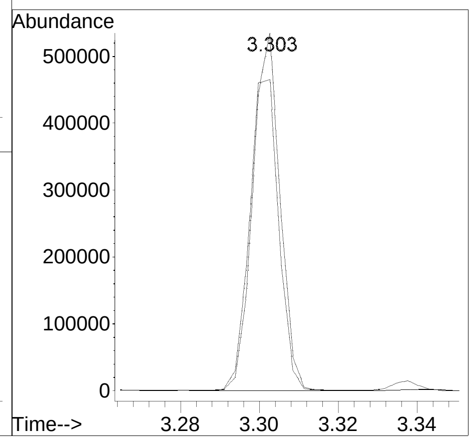


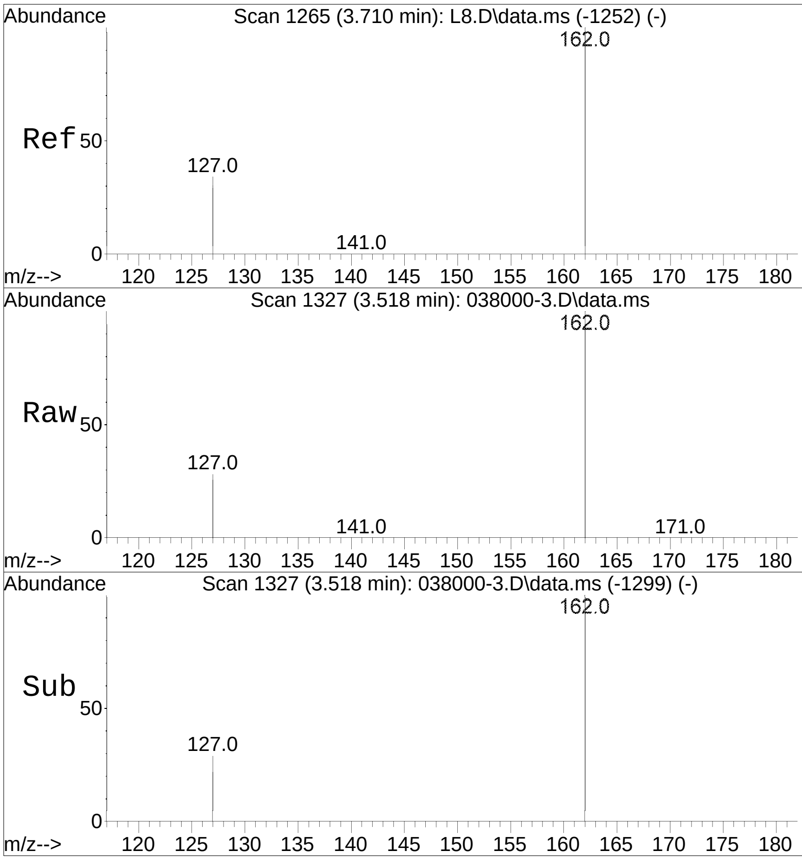


#13
1-Methylnaphthalene
Concen: 1408.83 ng/ml
RT: 3.303 min Scan# 1253
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:142 Resp: 254675

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.8	110.6

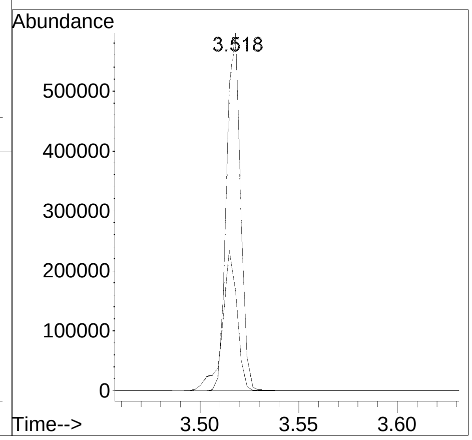


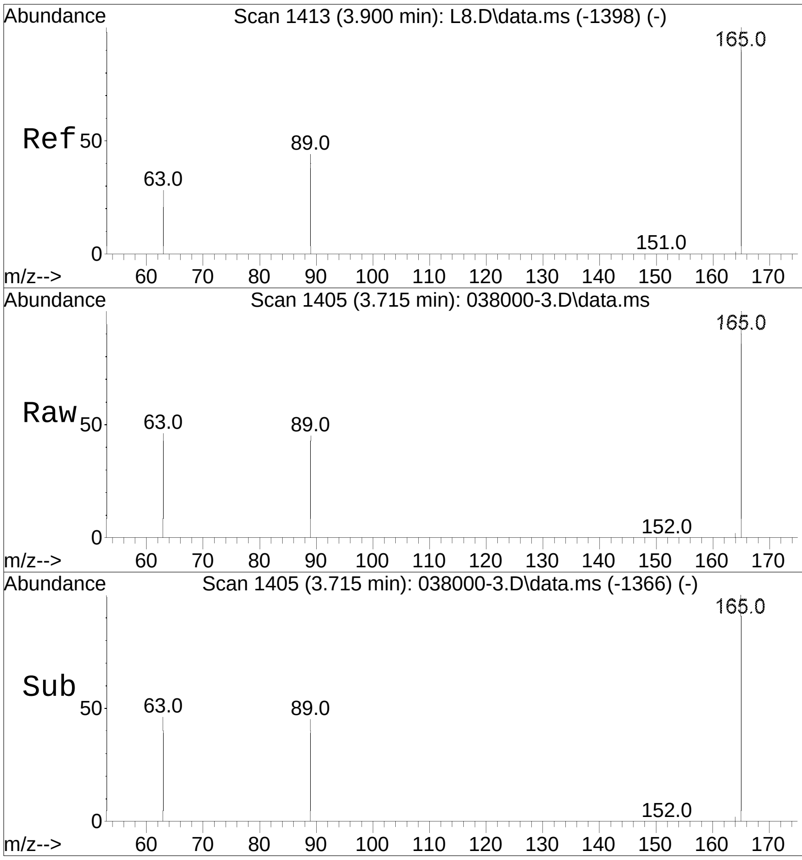


#15
2-Chloronaphthalene
Concen: 1425.77 ng/ml
RT: 3.518 min Scan# 1327
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:162 Resp: 289095

Ion	Ratio	Lower	Upper
162	100		
127	42.0	27.4	41.0#

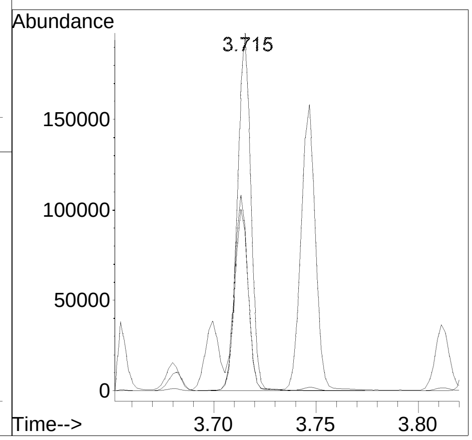


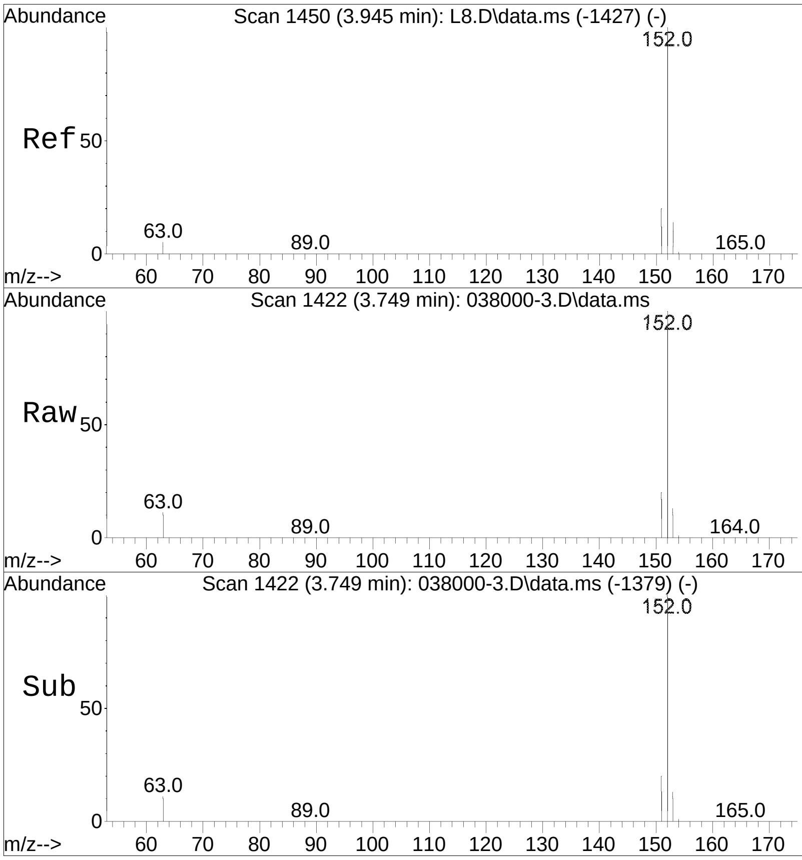


#16
2,6-Dinitrotoluene
Concen: 1822.28 ng/ml
RT: 3.715 min Scan# 1405
Delta R.T. 0.004 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:165 Resp: 91057

Ion	Ratio	Lower	Upper
165	100		
89	51.6	37.8	56.8
63	54.4	36.9	55.3

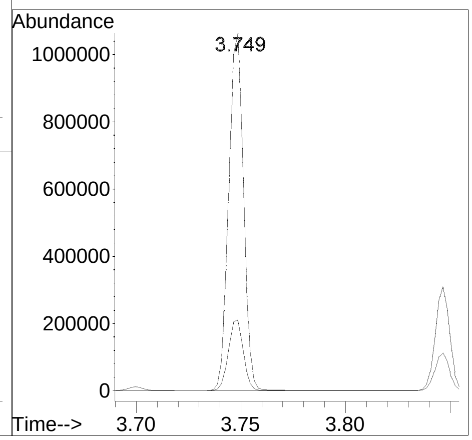


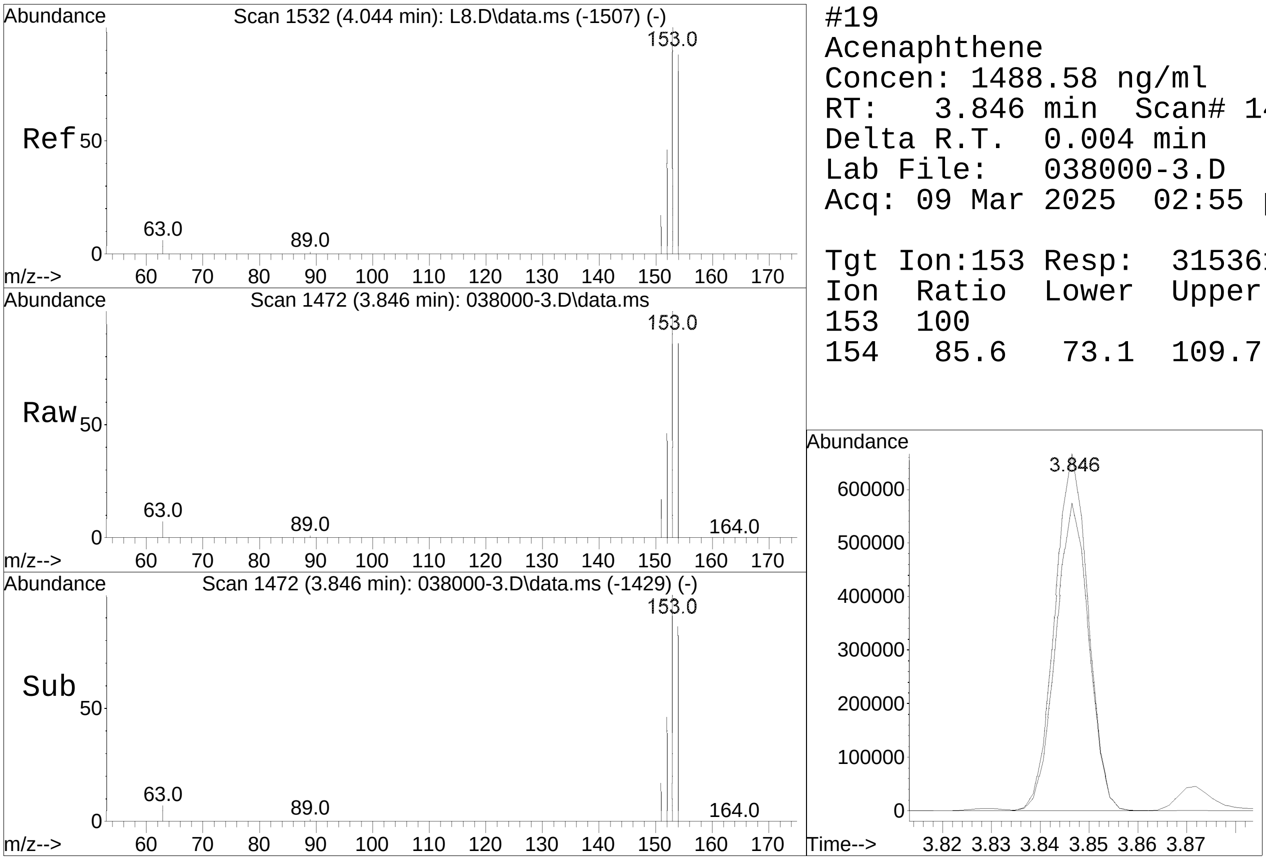


#17
Acenaphthylene
Concen: 1652.51 ng/ml
RT: 3.749 min Scan# 1422
Delta R.T. 0.004 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:152 Resp: 518902

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9

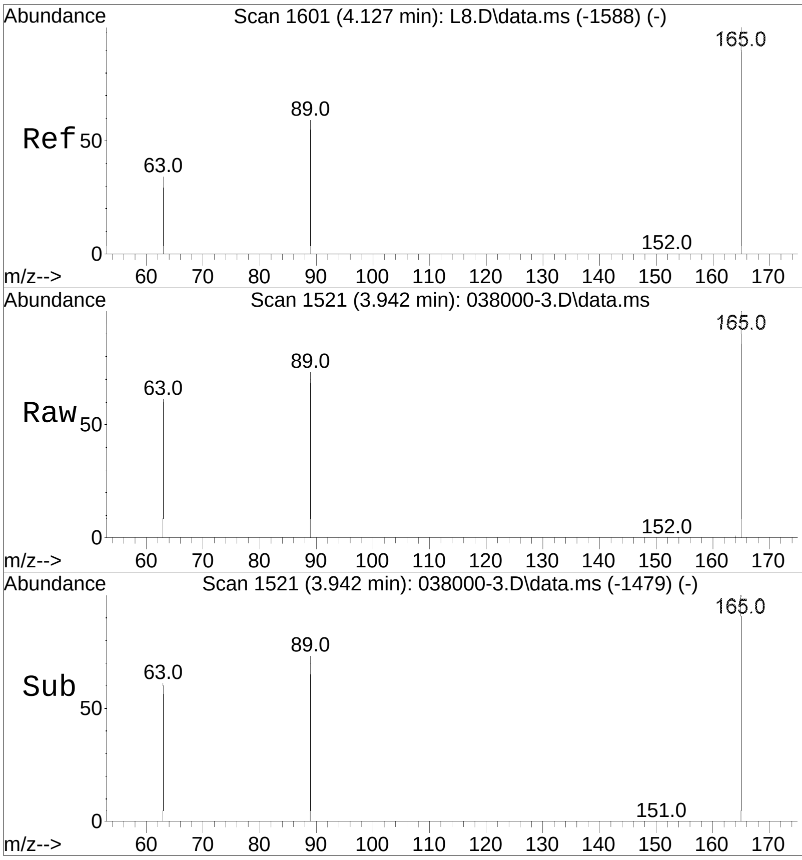




#19
Acenaphthene
Concen: 1488.58 ng/ml
RT: 3.846 min Scan# 1472
Delta R.T. 0.004 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:153 Resp: 315361

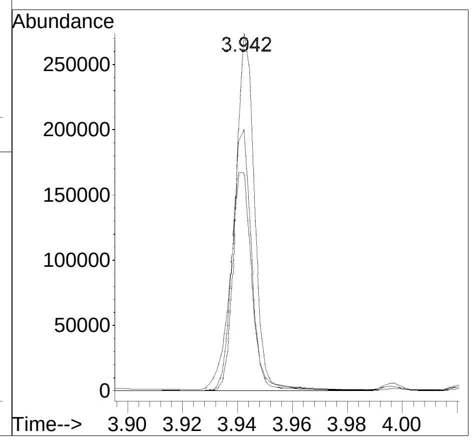
Ion	Ratio	Lower	Upper
153	100		
154	85.6	73.1	109.7

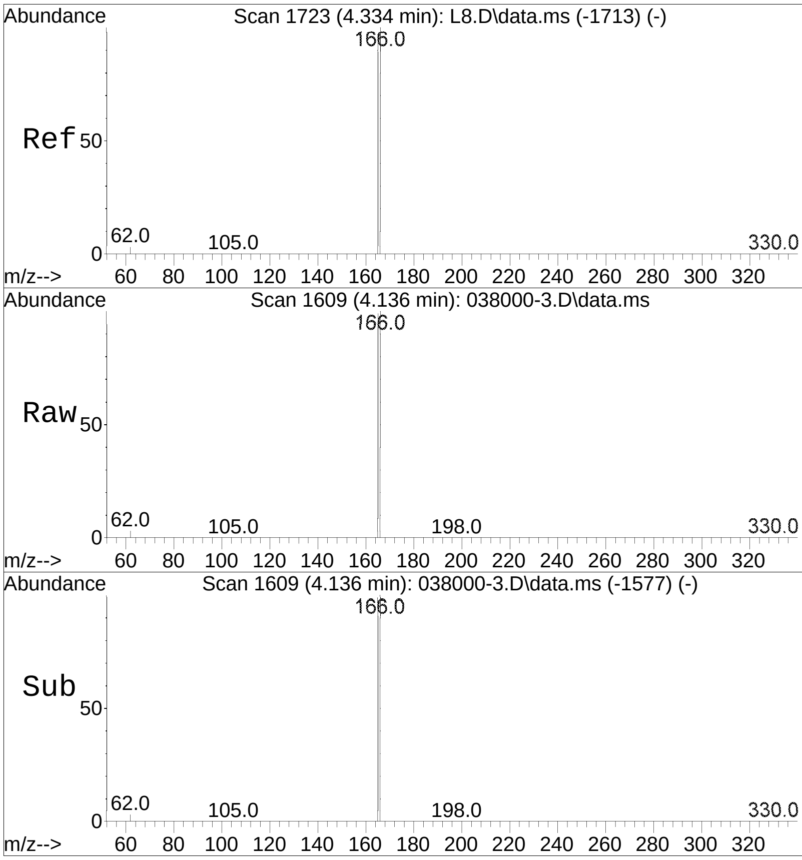


#20
2,4-Dinitrotoluene
Concen: 1903.74 ng/ml
RT: 3.942 min Scan# 1521
Delta R.T. 0.002 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:165 Resp: 128296

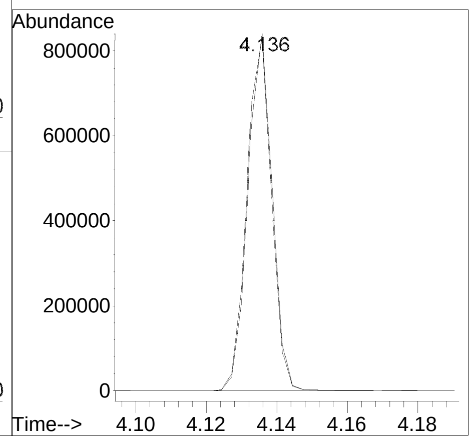
Ion	Ratio	Lower	Upper
165	100		
89	74.5	48.7	73.1#
63	71.5	28.6	42.8#

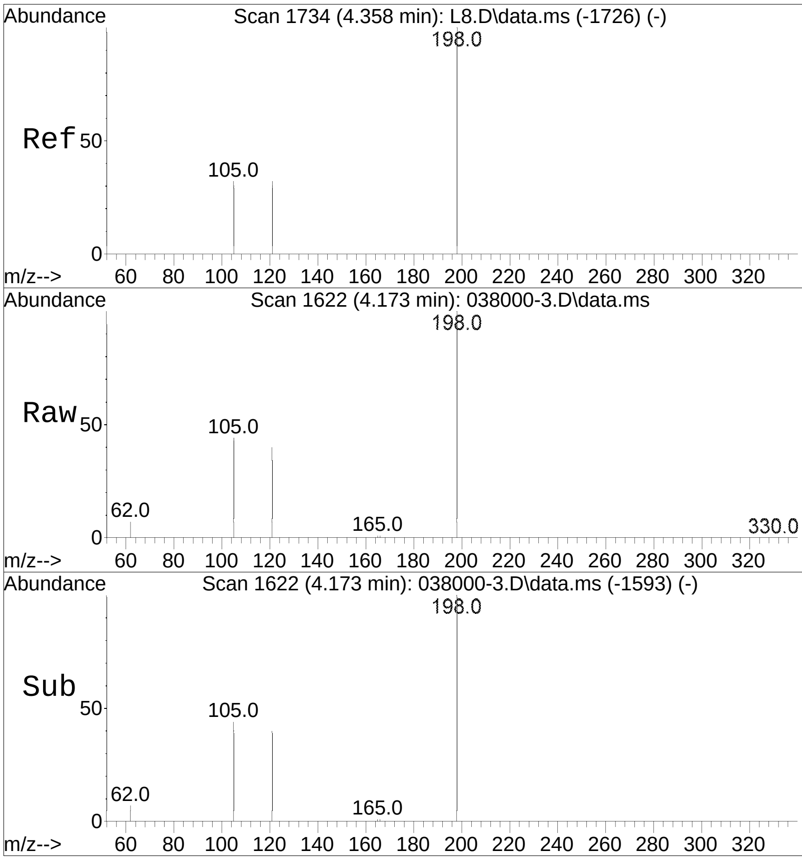




#21
Fluorene
Concen: 1650.82 ng/ml
RT: 4.136 min Scan# 1609
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt	Ion:166	Resp:	401809
Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.8	116.8

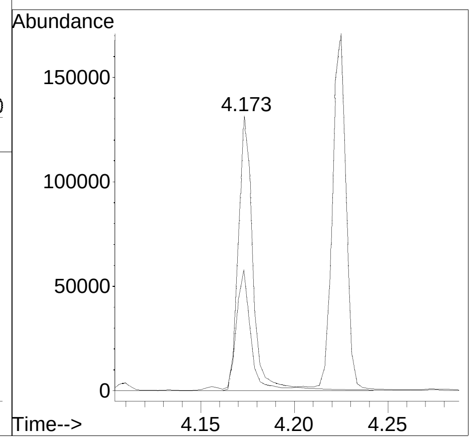


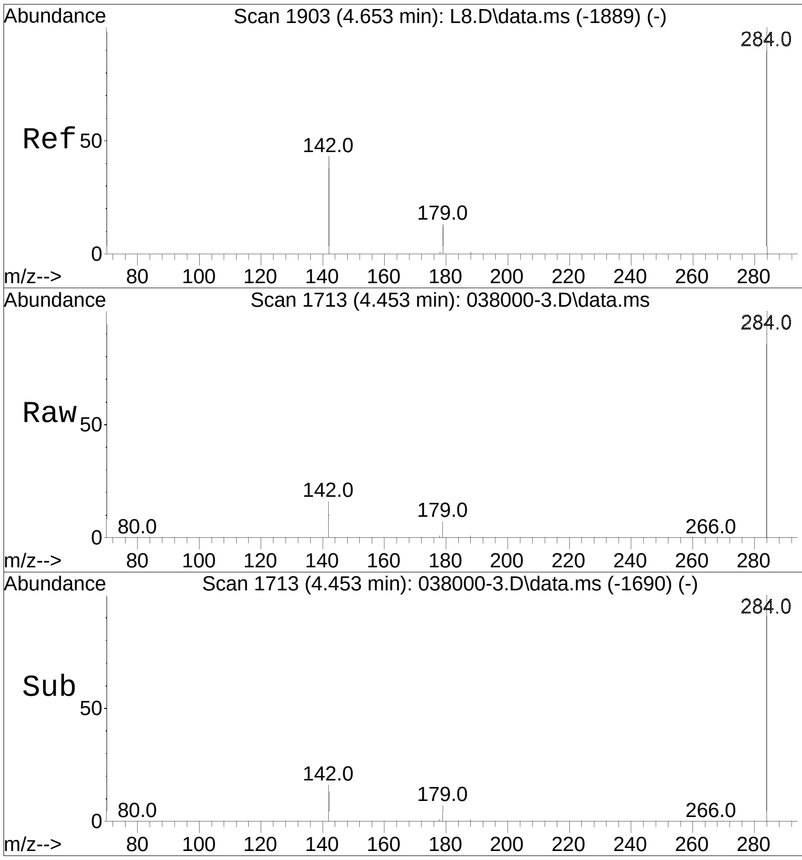


#24
4,6-Dinitro-o-cresol
Concen: 1497.45 ng/ml
RT: 4.173 min Scan# 1622
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:198 Resp: 71001

Ion	Ratio	Lower	Upper
198	100		
105	40.9	30.6	45.8

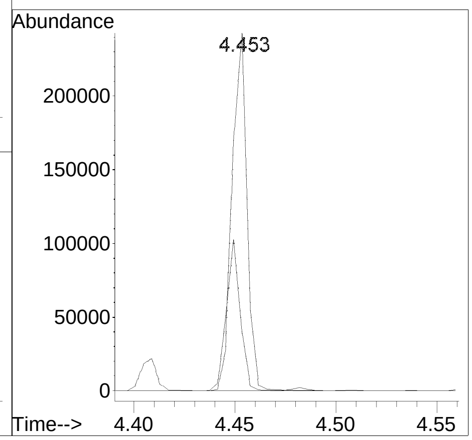


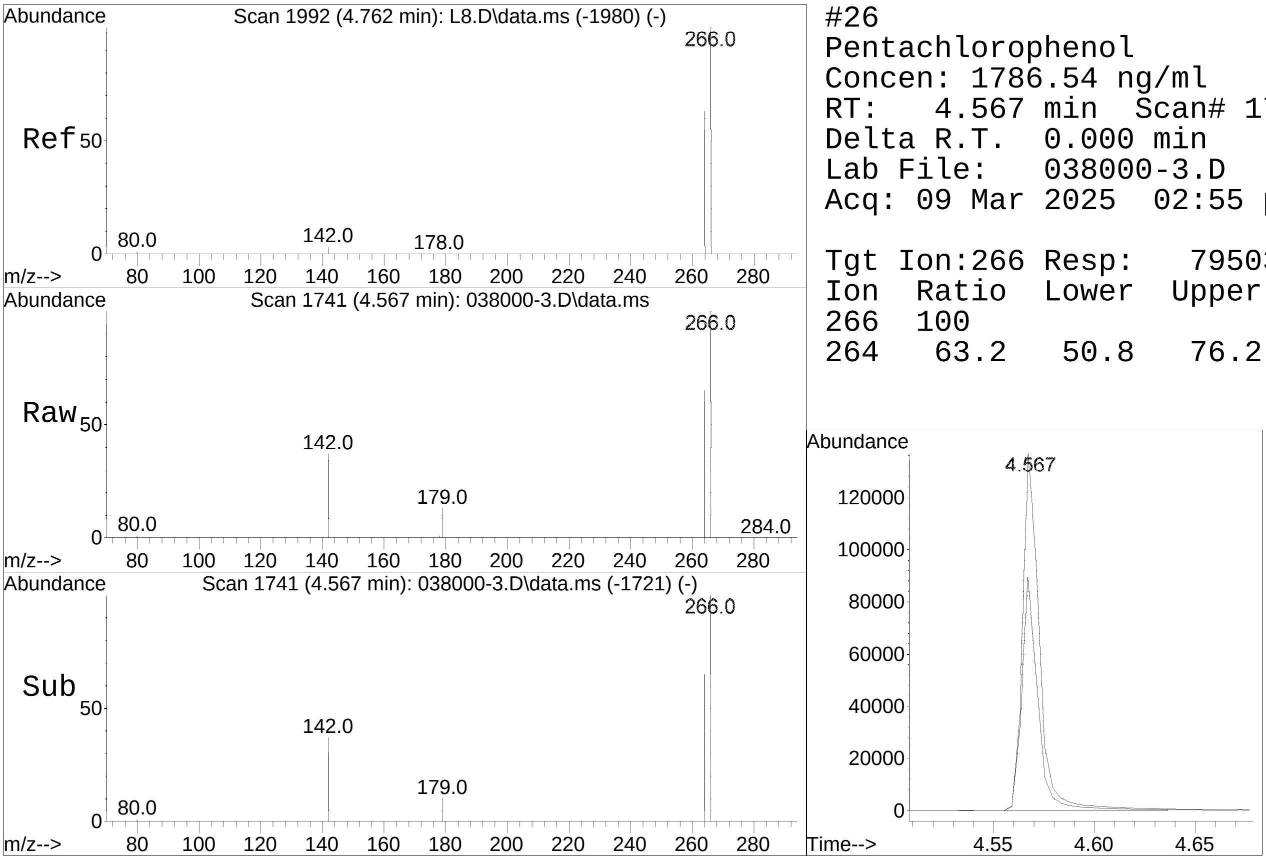


#25
Hexachlorobenzene
Concen: 1458.17 ng/ml
RT: 4.453 min Scan# 1713
Delta R.T. 0.004 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:284 Resp: 123007

Ion	Ratio	Lower	Upper
284	100		
142	39.4	33.8	50.6

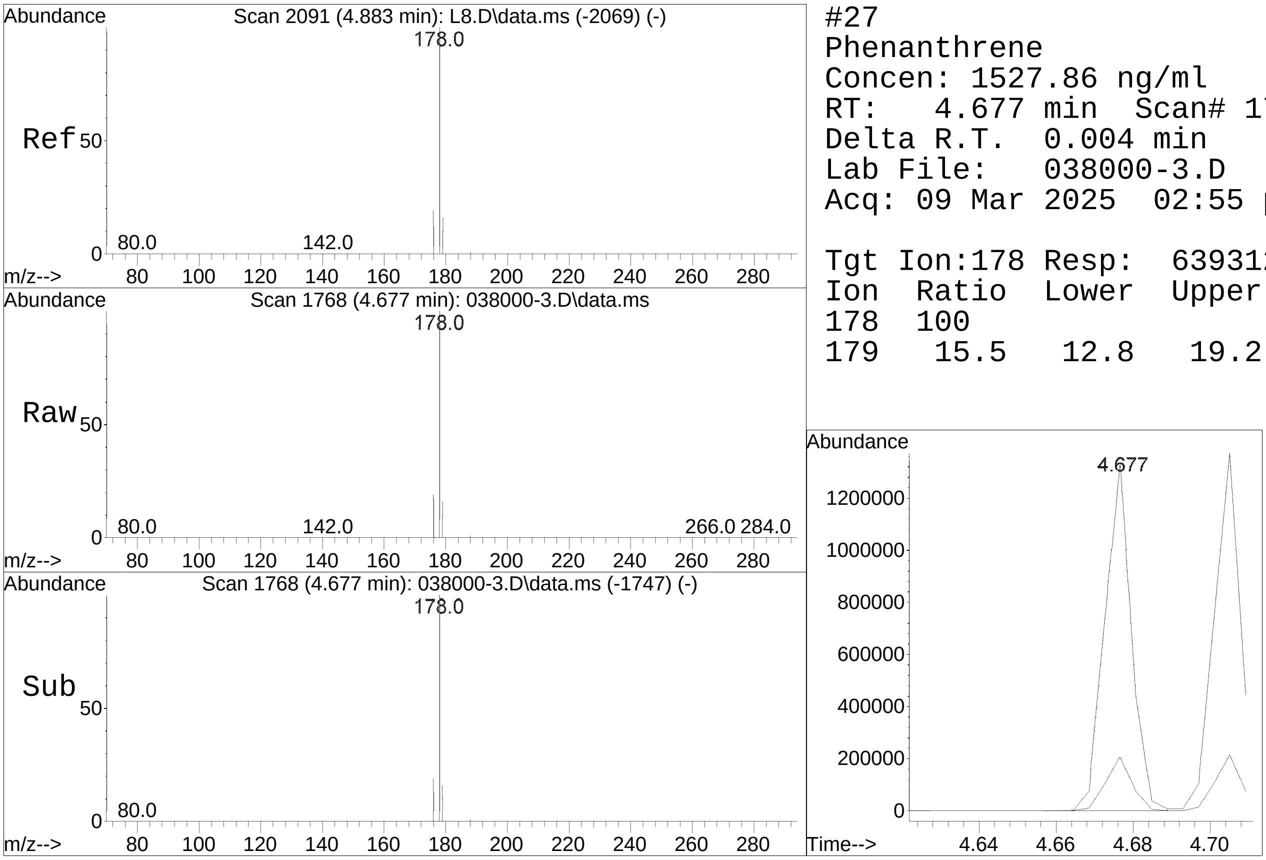




#26
Pentachlorophenol
Concen: 1786.54 ng/ml
RT: 4.567 min Scan# 1741
Delta R.T. 0.000 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:266 Resp: 79503

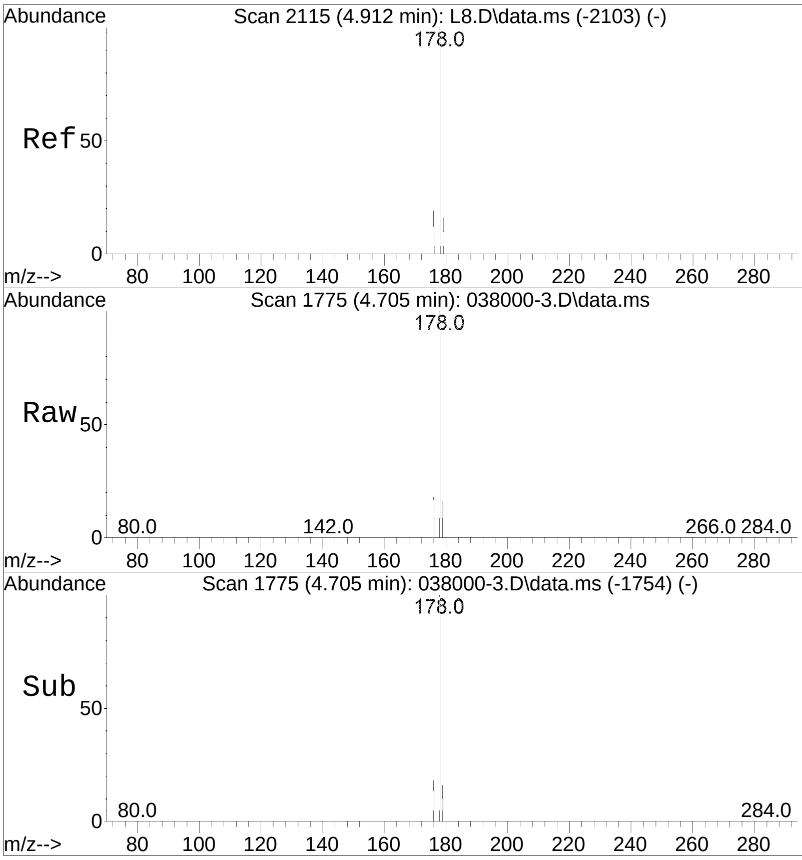
Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.8	76.2



#27
Phenanthrene
Concen: 1527.86 ng/ml
RT: 4.677 min Scan# 1768
Delta R.T. 0.004 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:178 Resp: 639312

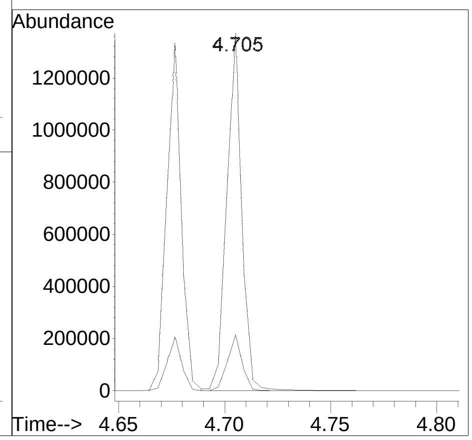
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2

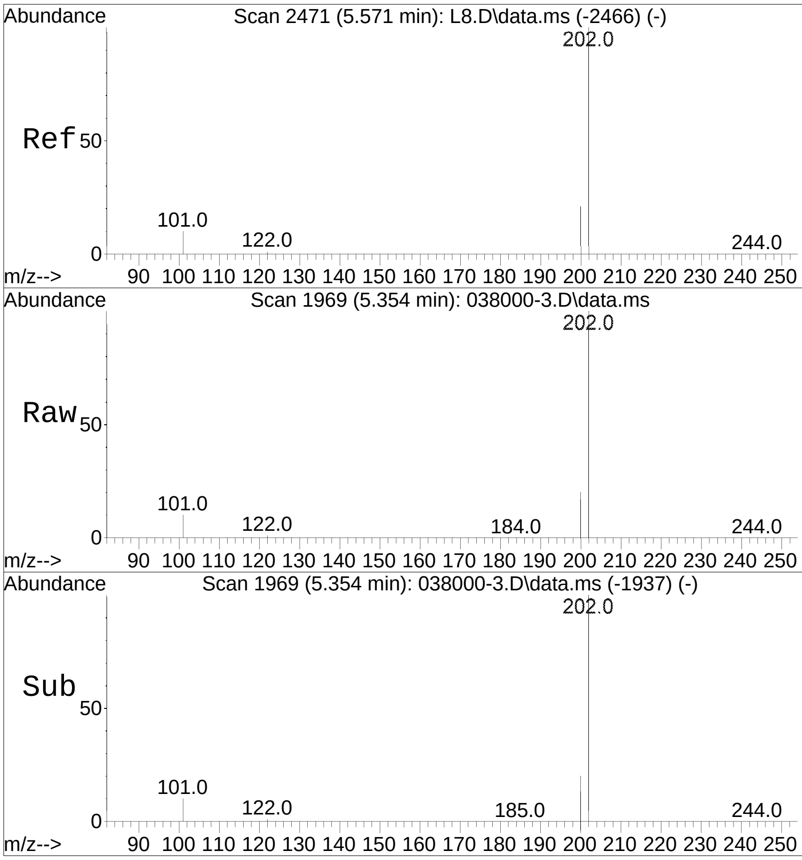


#28
Anthracene
Concen: 1600.64 ng/ml
RT: 4.705 min Scan# 1775
Delta R.T. 0.004 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:178 Resp: 671515

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8

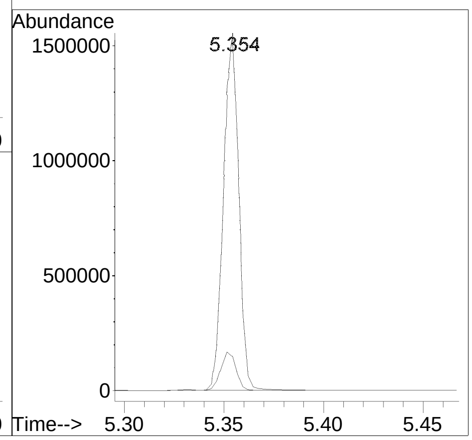


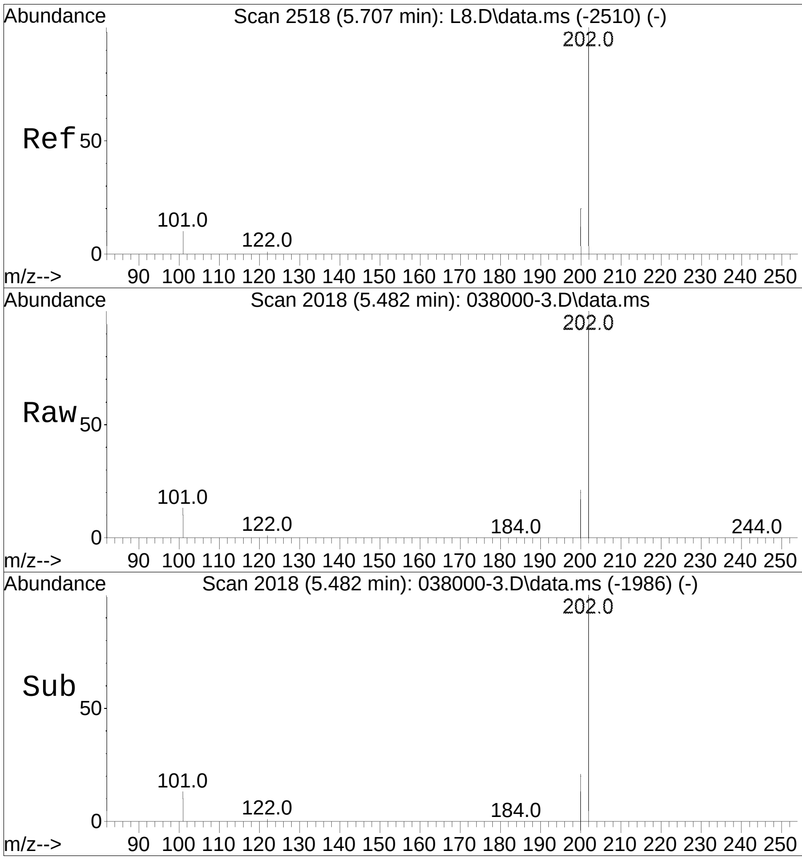


#29
Fluoranthene
Concen: 1565.22 ng/ml
RT: 5.354 min Scan# 1969
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:202 Resp: 819403

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.2	12.2

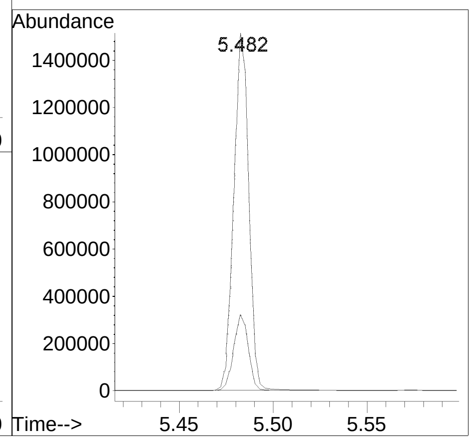


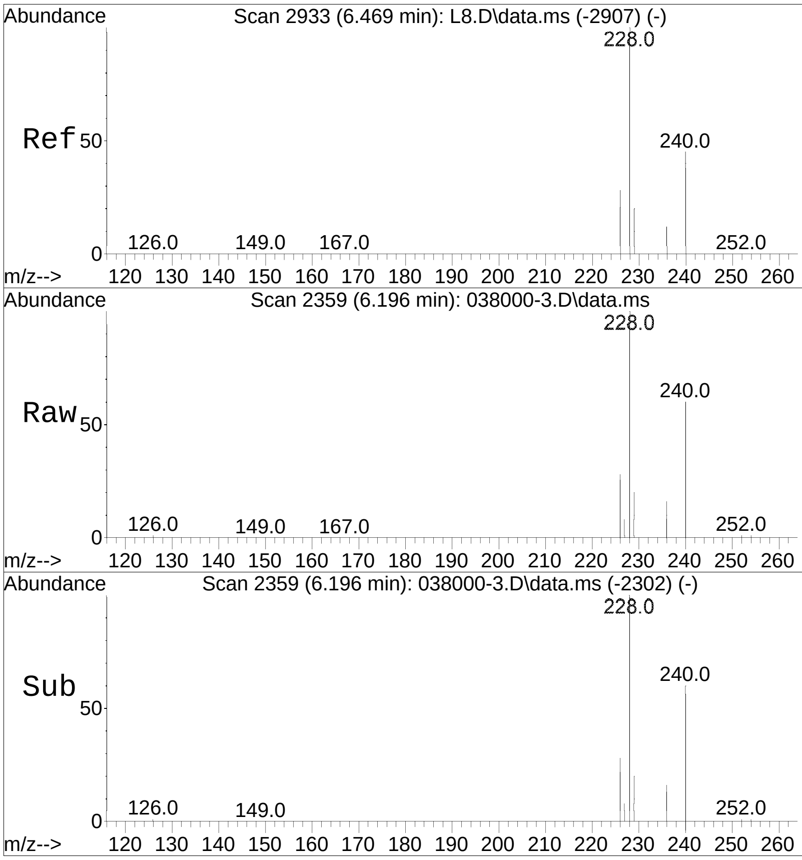


#30
Pyrene
Concen: 1534.41 ng/ml
RT: 5.482 min Scan# 2018
Delta R.T. 0.003 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:202 Resp: 829129

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3

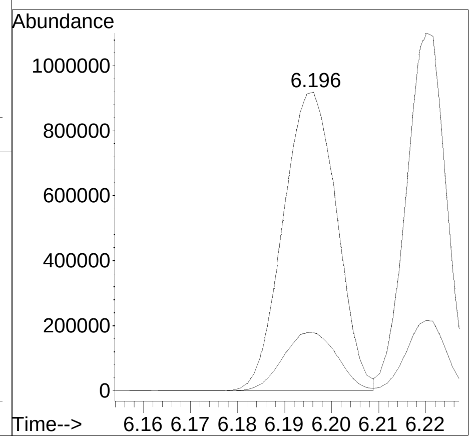


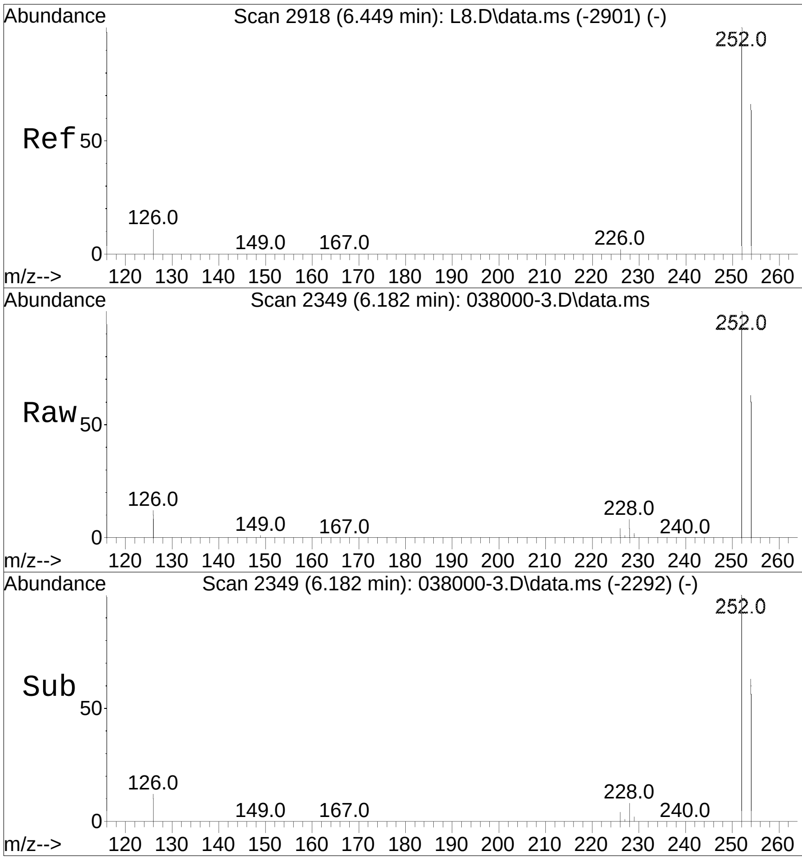


#34
Benzo[a]anthracene
Concen: 1666.38 ng/ml
RT: 6.196 min Scan# 2359
Delta R.T. -0.000 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:228 Resp: 727131

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9

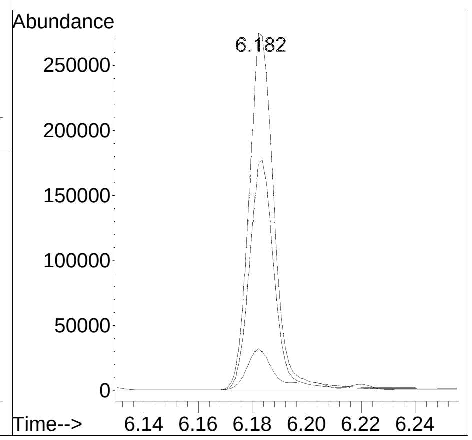


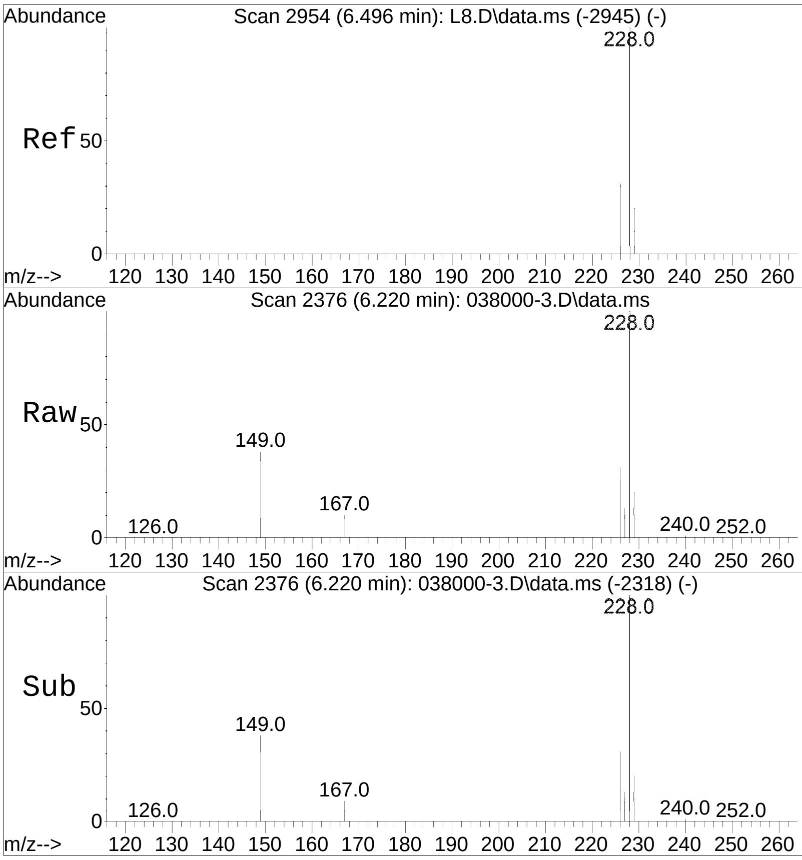


#35
3,3'-Dichlorobenzidine
Concen: 1129.87 ng/ml
RT: 6.182 min Scan# 2349
Delta R.T. 0.000 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:252 Resp: 176011

Ion	Ratio	Lower	Upper
252	100		
126	11.5	8.6	13.0
254	64.4	51.8	77.8

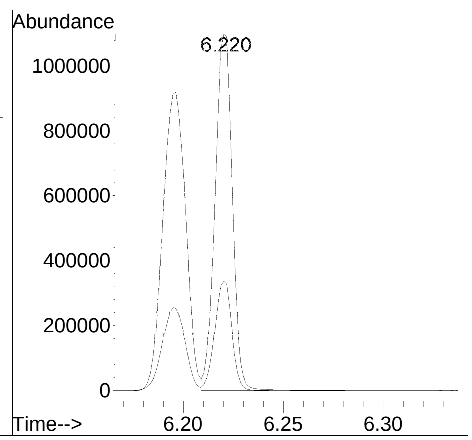


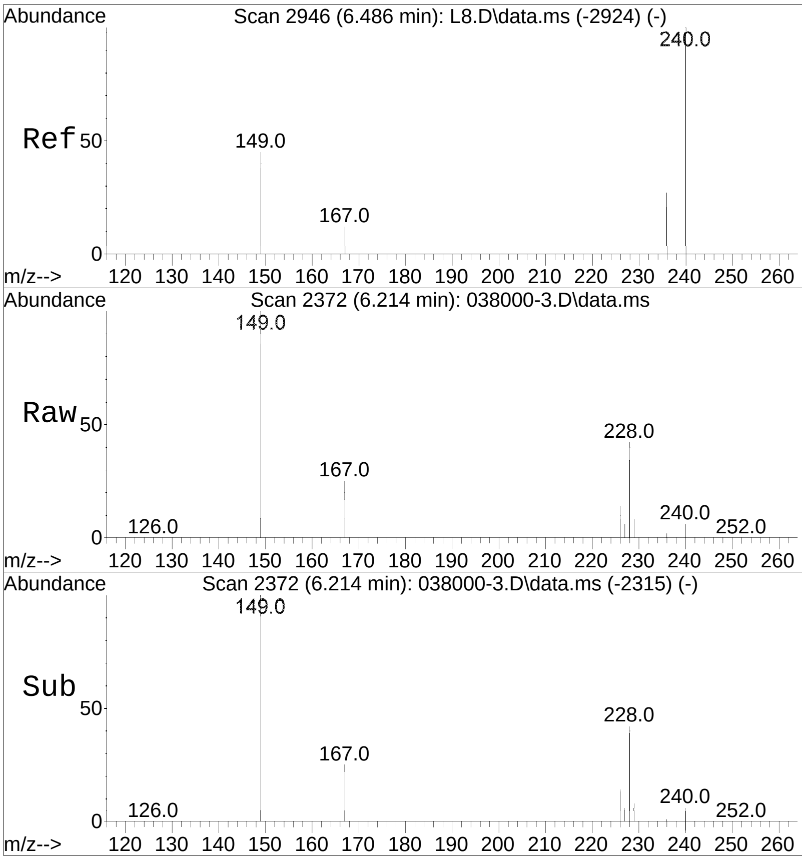


#36
Chrysene
Concen: 1543.89 ng/ml
RT: 6.220 min Scan# 2376
Delta R.T. 0.001 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:228 Resp: 656859

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6

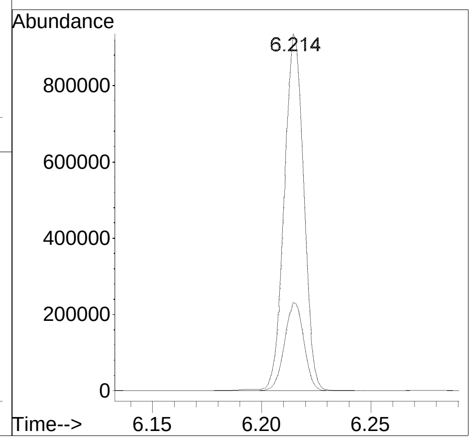


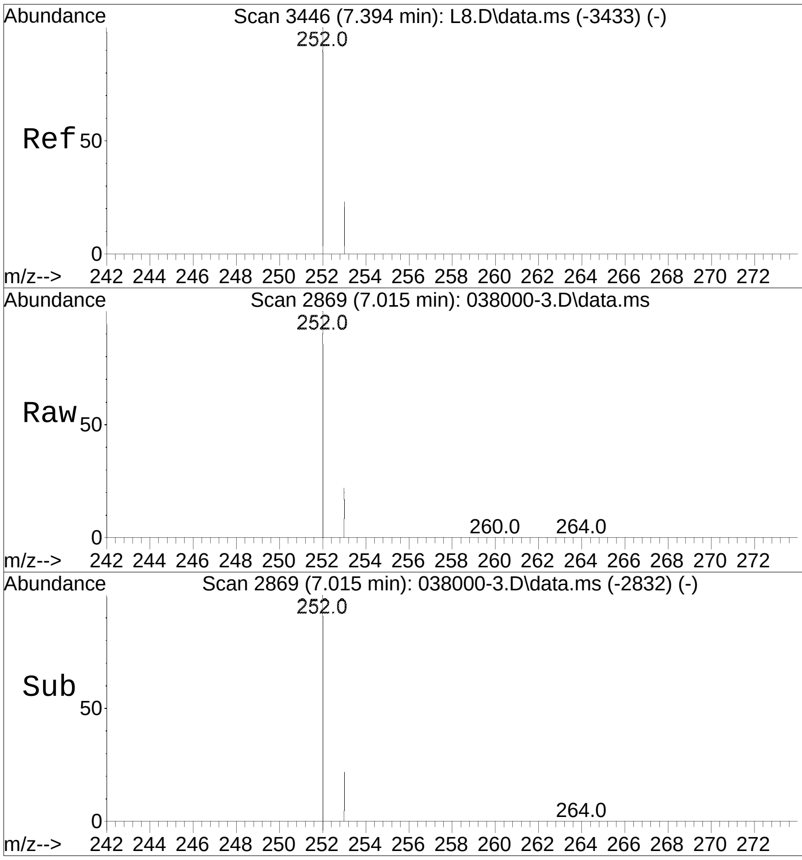


#37
Bis(2-ethylhexyl)phthalate
Concen: 2606.88 ng/ml
RT: 6.214 min Scan# 2372
Delta R.T. 0.000 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:149 Resp: 575378

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.7	31.1

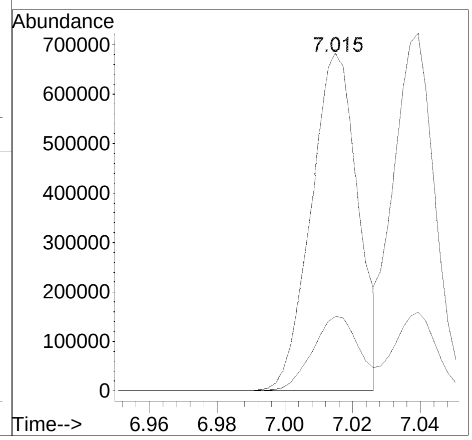


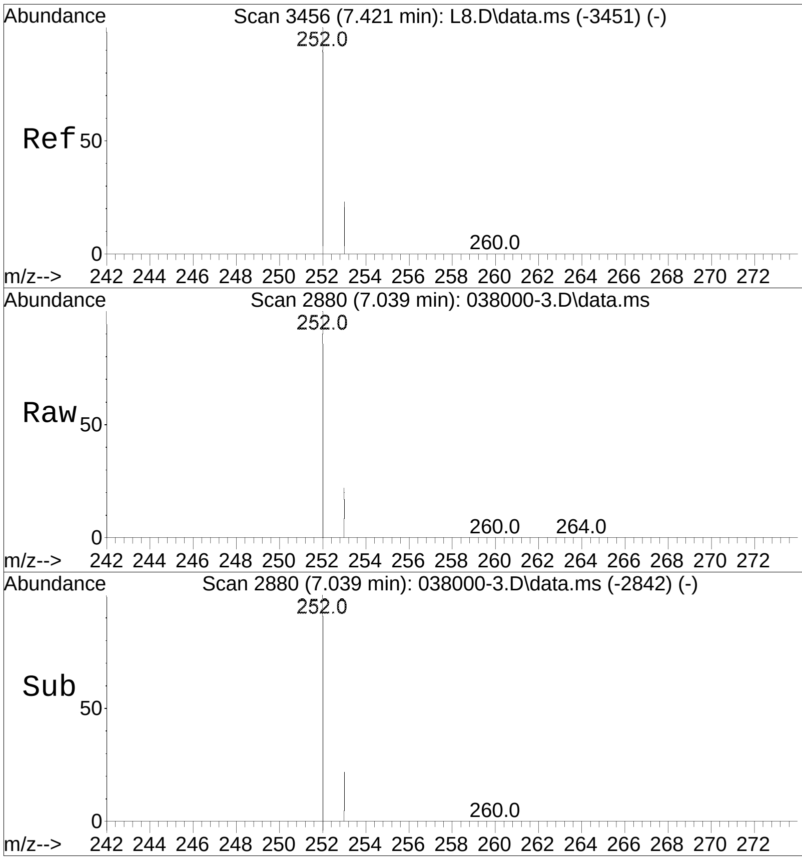


#39
Benzo[b]fluoranthene
Concen: 1727.46 ng/ml
RT: 7.015 min Scan# 2869
Delta R.T. 0.002 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:252 Resp: 654717

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1

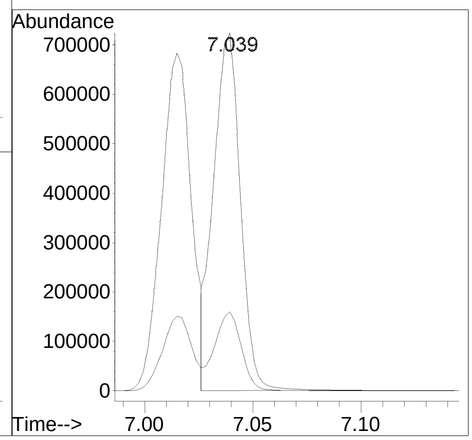


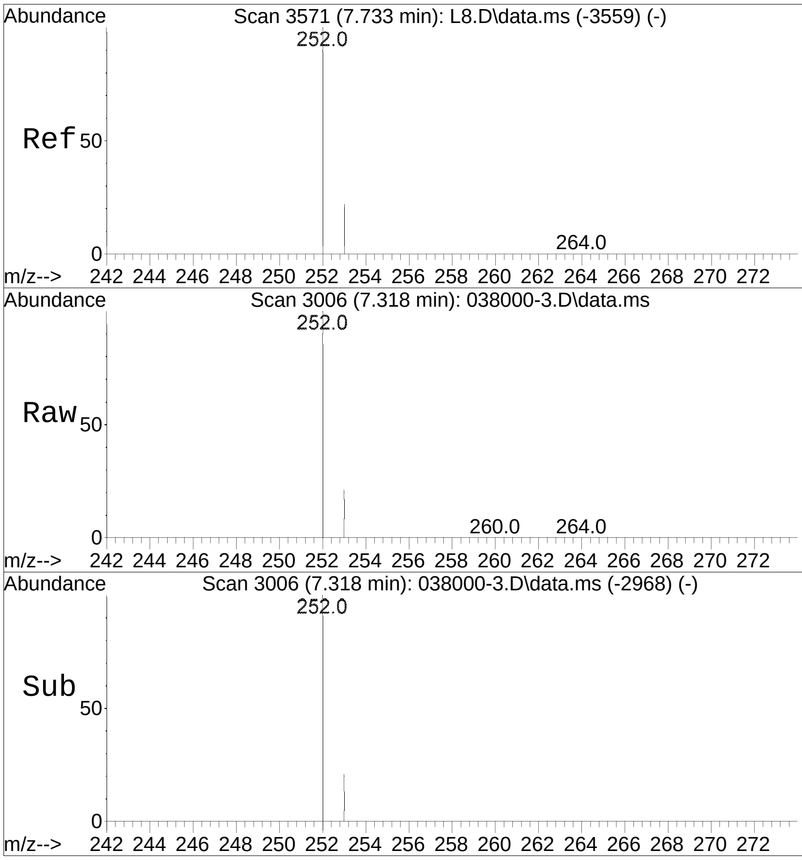


#40
Benzo[k]fluoranthene
Concen: 1665.96 ng/ml
RT: 7.039 min Scan# 2880
Delta R.T. 0.004 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:252 Resp: 622656

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2

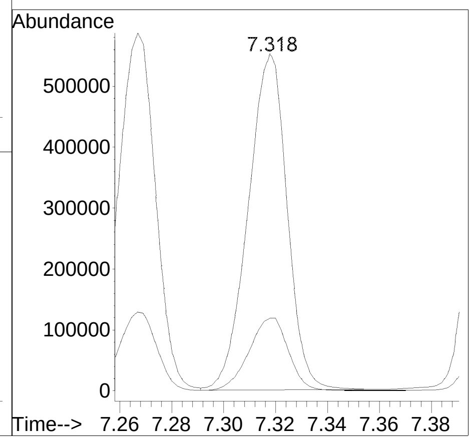


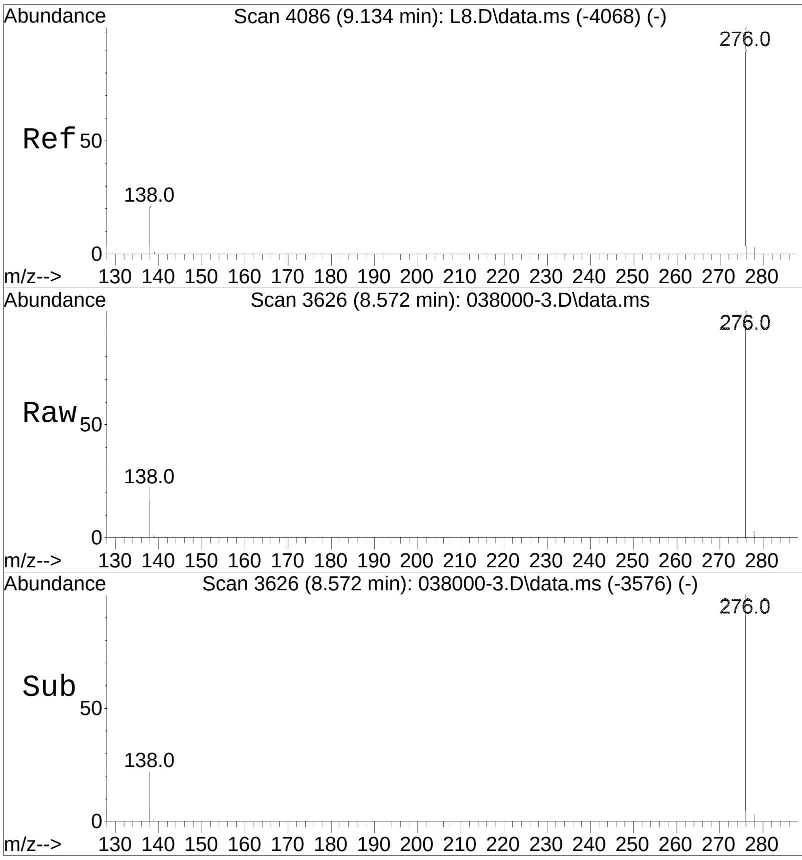


#41
Benzo[a]pyrene
Concen: 1781.42 ng/ml
RT: 7.318 min Scan# 3006
Delta R.T. 0.004 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:252 Resp: 572898

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9

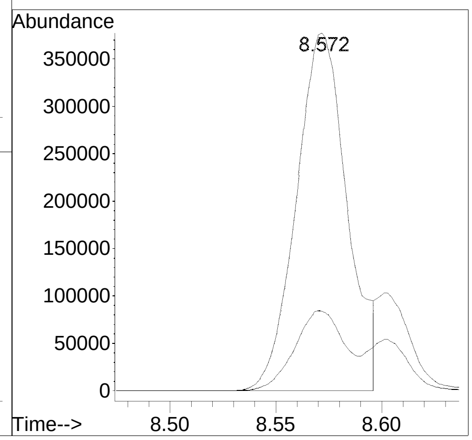


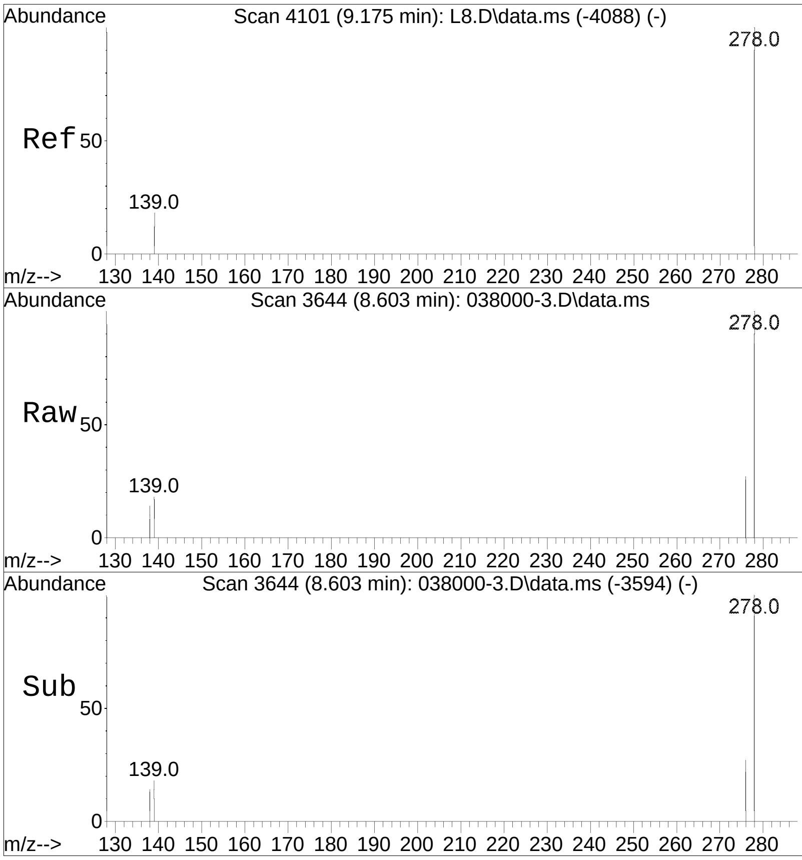


#42
Indeno[1,2,3-cd]pyrene
Concen: 2004.34 ng/ml
RT: 8.572 min Scan# 3626
Delta R.T. 0.006 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:276 Resp: 624041

Ion	Ratio	Lower	Upper
276	100		
138	21.9	16.9	25.3

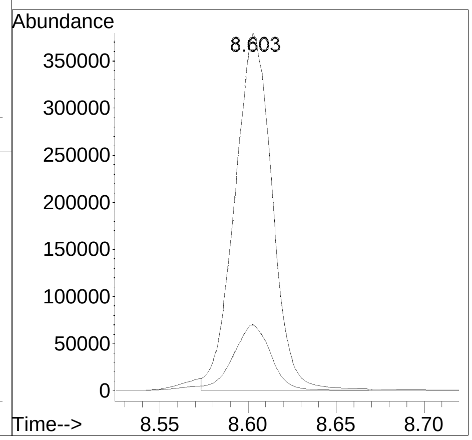


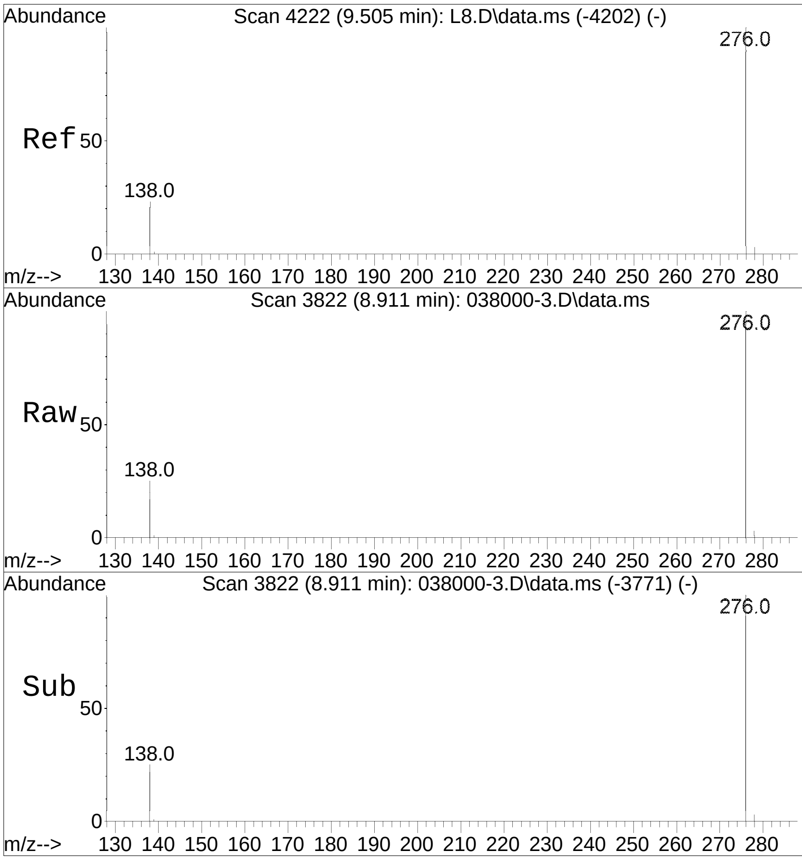


#43
Dibenzo[a,h]anthracene
Concen: 1937.56 ng/ml M6
RT: 8.603 min Scan# 3644
Delta R.T. 0.006 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:278 Resp: 559623

Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.6	22.0

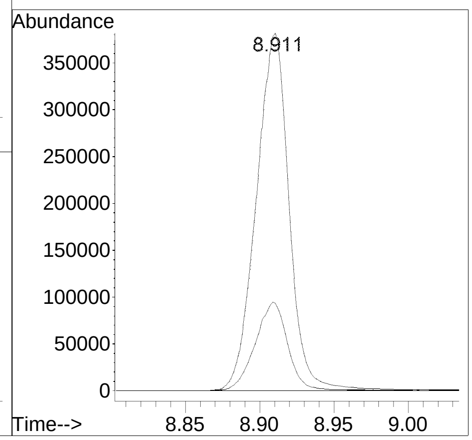




#44
Benzo[g,h,i]perylene
Concen: 1960.02 ng/ml
RT: 8.911 min Scan# 3822
Delta R.T. 0.008 min
Lab File: 038000-3.D
Acq: 09 Mar 2025 02:55 pm

Tgt Ion:276 Resp: 580816

Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.6	28.0

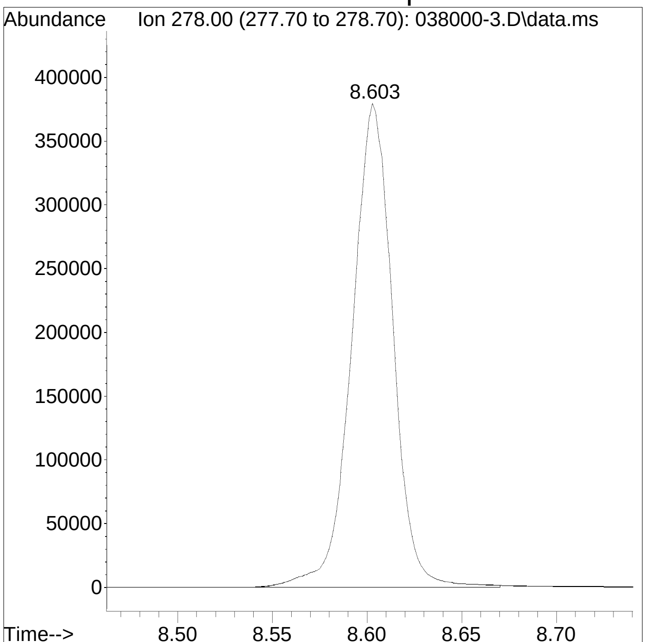


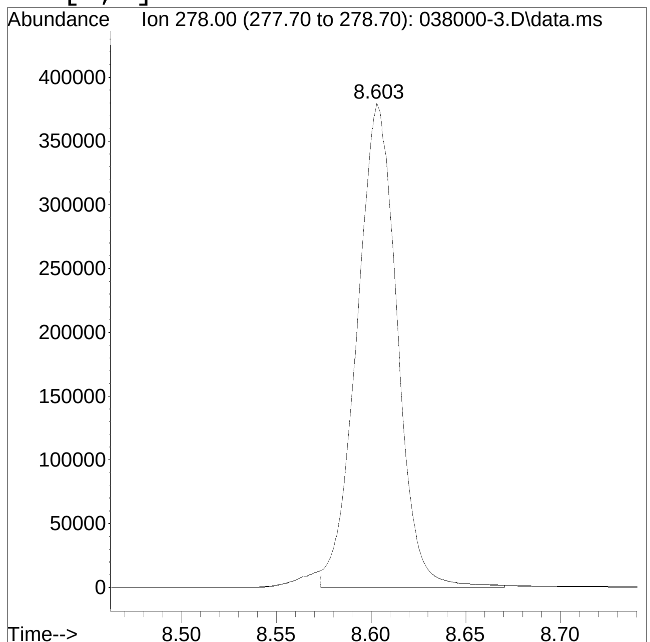
Manual Integration Report

Data Path : I:\8270SIM\sv119\250309RVTQ
Data File : 038000-3.D
Date Inj'd : 3/9/2025 2:55 pm
Sample : WG2038000-3,32,,RV,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/9/2025 3:09 pm

Compound #43: Dibenzo[a,h]anthracene





Original Peak Response = 570779

Manual Peak Response = 559623 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Calculation of Semi Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * 1000 * (1/Vo) * Vf

Where:
DF = Dilution Factor
Vo = Volume of Sample (mL)
Vf = Extraction Lab Final Volume (mL)

Soil Concentration Formula: Amt * DF * 1000 * (1/Wt) * Vf * (100/TS)
Where:
DF = Dilution Factor
Wt = Weight of Sample (g)
Vf = Extraction Lab Final Volume (mL)
TS = Total Solids

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 10 2025, 03:28 pm

Work Group: WG2038000   for Department: 2 Organic Preparation

Created: 08-MAR-25   Due: Operator: JCL

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2511919-01	2A	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2511919-02	2B	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2511919-04	3A	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2511919-05	3B	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2511919-07	4A	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2511919-08	4B	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0311	0311	S0	Amber-A.1
L2512117-01	MW-01_03052025	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512218-02	FB20250305	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512218-03	RI-MW-8	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512218-04	RI-MW-9	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-01	MW-1	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-02	MW-3	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-03	MW-7	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-04	RW-1	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-05	DUP-GW-03052025	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512223-06	FB-03052025	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
WG2038000-1	Laboratory Method Bl	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				
WG2038000-2	Laboratory Control S	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				
WG2038000-3	LCS Duplicate	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				

Comments:

WG2038000-3   WG2038000-2

Dep.: GCMS
Inst: SV119
Date: **12/29/24**
Run:

Method
GC: SIM RVT

Seq: WG2015284
ICAL: ICAL21826

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
48	TUNE	TUNE				
48	TUNEa	TUNE				
1	L10	IL10,32,, #10885 5000 ng/ml				
2	L9	IL9,32,, #10901 2500 ng/ml				
3	L8	IL8,32,, #10888 1000 ng/ml				
4	L7	IL7,32,, #10889 500 ng/ml				
5	L6	IL6,32,, #11222 100 ng/ml				
6	L5	IL5,32,, #10891 40 ng/ml				
7	L4	IL4,32,, #10892 10 ng/ml				
8	L3	IL3,32,, #10893 5 ng/ml				
9	L2	IL2,32,, #10900 2 ng/ml				
10	L1	IL1,32,, #10895 1 ng/ml				
11	ICV	CQICV,32,, #10884 1000 ng/ml				
12	instblk	instrument blank				

Dep.: GCMS
Inst: SV119
Date: **03/09/25**
Run:

Method
GC: SIM RVT

Seq: WG2038229
ICAL: 21826

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
48	deg0309	wg-1,32,,dftpp SV119 lot# 11413				03/09 kmh
49	ccv0309	wg-3,32,,ICV 11275 (0222e)	PCP low			03/09 kmh
50	blank0309	instrument blank				
1	037980-1	WG2037980-1,32,,kmh				03/10 JJW
2	037980-2	WG2037980-2,32,,kmh				03/10 JJW
3	037980-3	WG2037980-3,32,,kmh				03/10 JJW
4	13082-05	L2513082-05,32,,R1A,RV,kmh				03/09 kmh
5	12364-01	L2512364-01,32,,kmh				03/10 JJW
6	12364-02	L2512364-02,32,,kmh				03/10 JJW
7	12364-03	L2512364-03,32,,kmh				03/10 JJW
8	037980-4	WG2037980-4,32,,kmh	RV - compounds high			03/10 JJW
9	037980-5	WG2037980-5,32,,kmh	RV - compounds high			03/10 JJW
10	12364-04	L2512364-04,32,,kmh				03/10 JJW
11	12364-05	L2512364-05,32,,kmh				03/10 JJW
12	12364-06	L2512364-06,32,,kmh				03/10 JJW
13	12364-07	L2512364-07,32,,kmh				03/10 JJW
14	12364-08	L2512364-08,32,,kmh				03/10 JJW
15	11726-06	L2511726-06,32,,RR(ott),kmh				03/10 JJW
16	11726-07	L2511726-07,32,,RR(ott),kmh				03/10 JJW
17	11726-08	L2511726-08,32,,RR(ott),kmh				03/10 JJW
18	12364-09	L2512364-09,32,,kmh				03/10 JJW
19	12364-11	L2512364-11,32,,kmh				03/10 JJW
20	038147-2	WG2038147-2,32,,kmh	RV - compounds high			03/10 JJW
21	038147-3	WG2038147-3,32,,kmh	RV - compounds high			03/10 JJW
22	038147-1	WG2038147-1,32,,kmh				03/10 JJW
23	038000-2	WG2038000-2,32,,RV,kmh				03/10 JJW
24	038000-3	WG2038000-3,32,,RV,kmh				03/10 JJW
25	038000-1	WG2038000-1,32,,RV,kmh				03/10 JJW
26	11919-01	L2511919-01,32,,RV,kmh				03/10 JJW
27	11919-02	L2511919-02,32,,RV,kmh				03/10 JJW
28	11919-04	L2511919-04,32,,RV,kmh				03/10 JJW
29	11919-05	L2511919-05,32,,RV,kmh			SV-JJW	03/10 JJW
30	11919-07	L2511919-07,32,,RV,kmh				03/10 JJW
31	11919-08	L2511919-08,32,,RV,kmh				03/10 JJW
32	12196-01	L2512196-01,32,,kmh				03/10 JJW
33	12196-02	L2512196-02,32,,kmh				03/10 JJW
34	12196-03	L2512196-03,32,,kmh				03/10 JJW
35	12196-04	L2512196-04,32,,kmh				03/10 JJW
36	12196-05	L2512196-05,32,,kmh				03/10 JJW
37	12223-01	L2512223-01,32,,kmh				03/10 JJW
38	12223-02	L2512223-02,32,,kmh				03/10 JJW
39	12223-03	L2512223-03,32,,kmh				03/10 JJW
40	12223-04	L2512223-04,32,,kmh			KMH / s	03/10 JJW

Dep.: GCMS
Inst: SV119
Date: **03/09/25**
Run:

Method
GC: SIM RVT

Seq: WG2038229
ICAL: 21826

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials

ORGANIC ELN REPORT

Workgroup: WG2038000

Prep Method: EPA 3510C
Solvent Type: DCM **Lot #:** EJ756
Surrogate Type: ABN **Lot #:** 11269cd,06/20/2025,4c,7,1
Spike Type: ABN-SIM **Lot #:** 11219ao,06/19/2025,11220AI,0
Spike Verify by: JCL
Lims Spikelot: 8270-RVT

Additional Reagents/Stds

H2SO4	A010625
Na2SO4	23K2961078
NaOH	10NNaOH010625

Conc.Method: Buchi
Solvent Type: DCM
Lot #: ej756

Additional Reagents/Stds

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type: **Lot #:**

Additional Reagents/Stds

Sample/ Type	Extraction: Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Concentration: Conc Date	Analyst	Final Vol ml	Conc Unit
L2511919-01 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2511919-02 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2511919-04 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2511919-05 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2511919-07 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K

Reported: 10-MAR-25 03:28 PM

ORGANIC ELN REPORT

Workgroup: **WG2038000**

Sample/ Type	Extraction: Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Concentration: Conc Date	Analyst	Final Vol ml	Conc Unit
L2511919-08 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512117-01 WATER	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512218-02 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512218-03 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512218-04 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512223-01 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512223-02 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512223-03 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K

Reported: 10-MAR-25 03:28 PM

ORGANIC ELN REPORT

Workgroup: WG2038000

Sample/ Type	Extraction: Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Concentration: Conc Date	Analyst	Final Vol ml	Conc Unit
L2512223-04 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512223-05 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
L2512223-06 SAMP	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
WG2038000-1 BLANK	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1		03/08/25 08:33	Grace Tran	1	K
WG2038000-2 LCS	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1	.1	03/08/25 08:33	Grace Tran	1	K
WG2038000-3 LCSD	03/08/25 06:36	Jessica Labossiere	100	<2,>12	.1	.1	03/08/25 08:33	Grace Tran	1	K

Reported: 10-MAR-25 03:28 PM

Semivolatiles Data- Method 8270

Semivolatiles QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser		**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL		**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)			
LCS Sample ID	: WG2038207-2	Analysis Date : 03/13/25 13:50	**File ID**	: 038207-2
LCSD Sample ID	: WG2038207-3	Analysis Date : 03/13/25 14:13	**File ID**	: 038207-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ug/l)**	**Found (ug/l)**	**%R**	**True (ug/l)**	**Found (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Acenaphthene	20	16.	78	20	16.	80	3	37-111	30
1,2,4-Trichlorobenzene	20	14.	70	20	13.	66	6	39-98	30
Hexachlorobenzene	20	17.	84	20	17.	85	1	40-140	30
Bis(2-chloroethyl)ether	20	18.	89	20	18.	90	1	40-140	30
2-Chloronaphthalene	20	15.	76	20	16.	78	3	40-140	30
1,2-Dichlorobenzene	20	14.	71	20	14.	69	3	40-140	30
1,3-Dichlorobenzene	20	13.	67	20	13.	65	3	40-140	30
1,4-Dichlorobenzene	20	14.	68	20	13.	66	3	36-97	30
3,3'-Dichlorobenzidine	20	17.	86	20	19.	95	10	40-140	30
2,4-Dinitrotoluene	20	17.	86	20	18.	89	3	48-143	30
2,6-Dinitrotoluene	20	18.	90	20	20.	102	13	40-140	30
Fluoranthene	20	18.	89	20	18.	93	4	40-140	30
4-Chlorophenyl phenyl ether	20	16.	81	20	16.	83	2	40-140	30
4-Bromophenyl phenyl ether	20	16.	80	20	16.	81	1	40-140	30
Bis(2-chloroisopropyl)ether	20	19.	93	20	19.	97	4	40-140	30
Bis(2-chloroethoxy)methane	20	17.	86	20	17.	84	2	40-140	30
Hexachlorobutadiene	20	12.	60	20	11.	56	7	40-140	30
Hexachlorocyclopentadiene	20	8.3	41	20	8.0	40	2	40-140	30
Hexachloroethane	20	12.	61	20	12.	62	2	40-140	30
Isophorone	20	18.	88	20	18.	91	3	40-140	30
Naphthalene	20	15.	77	20	15.	75	3	40-140	30
Nitrobenzene	20	18.	89	20	18.	90	1	40-140	30
NDPA/DPA	20	17.	86	20	18.	89	3	40-140	30
n-Nitrosodi-n-propylamine	20	18.	92	20	19.	94	2	29-132	30
Bis(2-ethylhexyl)phthalate	20	17.	84	20	18.	89	6	40-140	30
Butyl benzyl phthalate	20	17.	84	20	19.	93	10	40-140	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2038207-2 Analysis Date : 03/13/25 13:50	**File ID**	: 038207-2
LCSD Sample ID	: WG2038207-3 Analysis Date : 03/13/25 14:13	**File ID**	: 038207-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Di-n-butylphthalate	20	17.	86	20	21.	107	22	40-140	30
Di-n-octylphthalate	20	16.	83	20	18.	91	9	40-140	30
Diethyl phthalate	20	18.	88	20	19.	93	6	40-140	30
Dimethyl phthalate	20	18.	88	20	18.	90	2	40-140	30
Benzo(a)anthracene	20	19.	93	20	19.	94	1	40-140	30
Benzo(a)pyrene	20	18.	91	20	19.	93	2	40-140	30
Benzo(b)fluoranthene	20	18.	90	20	18.	90	0	40-140	30
Benzo(k)fluoranthene	20	19.	96	20	20.	99	3	40-140	30
Chrysene	20	18.	92	20	18.	91	1	40-140	30
Acenaphthylene	20	16.	79	20	16.	82	4	45-123	30
Anthracene	20	17.	87	20	18.	90	3	40-140	30
Benzo(ghi)perylene	20	18.	93	20	19.	96	3	40-140	30
Fluorene	20	17.	84	20	17.	86	2	40-140	30
Phenanthrene	20	17.	86	20	18.	89	3	40-140	30
Dibenzo(a,h)anthracene	20	19.	95	20	19.	97	2	40-140	30
Indeno(1,2,3-cd)pyrene	20	18.	93	20	19.	96	3	40-140	30
Pyrene	20	18.	89	20	18.	91	2	26-127	30
Biphenyl	20	17.	83	20	16.	83	0	40-140	30
4-Chloroaniline	20	15.	74	20	16.	81	9	40-140	30
2-Nitroaniline	20	18.	89	20	20.	98	10	52-143	30
3-Nitroaniline	20	17.	84	20	19.	95	12	25-145	30
4-Nitroaniline	20	19.	97	20	20.	103	6	51-143	30
Dibenzofuran	20	16.	79	20	16.	81	3	40-140	30
2-Methylnaphthalene	20	16.	78	20	15.	77	1	40-140	30
1,2,4,5-Tetrachlorobenzene	20	15.	76	20	15.	74	3	2-134	30
Acetophenone	20	20.	98	20	20.	100	2	39-129	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number :**	**BSD1504**
Matrix (Level)	**: WATER (LOW)**		
LCS Sample ID	**: WG2038207-2 Analysis Date : 03/13/25 13:50**	**File ID**	**: 038207-2**
LCSD Sample ID	**: WG2038207-3 Analysis Date : 03/13/25 14:13**	**File ID**	**: 038207-3**

Parameter	Laboratory Control Sample True (ug/l)	Found (ug/l)	%R	Laboratory Control Duplicate True (ug/l)	Found (ug/l)	%R	RPD		Recovery Limits	RPD Limit
2,4,6-Trichlorophenol	20	15.	74	20	16.	81	9		30-130	30
p-Chloro-m-cresol	20	15.	76	20	16.	79	4		23-97	30
2-Chlorophenol	20	14.	71	20	15.	75	5		27-123	30
2,4-Dichlorophenol	20	16.	81	20	17.	84	4		30-130	30
2,4-Dimethylphenol	20	10.	51	20	12.	59	15		30-130	30
2-Nitrophenol	20	16.	80	20	17.	87	8		30-130	30
4-Nitrophenol	20	9.3	46	20	9.7	49	6		10-80	30
2,4-Dinitrophenol	20	14.	73	20	11.	54	30		20-130	30
4,6-Dinitro-o-cresol	20	16.	82	20	16.	82	0		20-164	30
Pentachlorophenol	20	14.	72	20	16.	80	11		9-103	30
Phenol	20	6.9	34	20	7.1	35	3		12-110	30
2-Methylphenol	20	13.	64	20	13.	66	3		30-130	30
3-Methylphenol/4-Methylphenol	20	13.	67	20	14.	68	1		30-130	30
2,4,5-Trichlorophenol	20	17.	83	20	17.	86	4		30-130	30
Benzoic Acid	20	5.7	28	20	4.0	20	33	Q	10-164	30
Benzyl Alcohol	20	14.	70	20	15.	75	7		26-116	30
Carbazole	20	18.	91	20	19.	93	2		55-144	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser		Lab Number	:	L2512368
Project Name	: ROANOKE SAND AND GRAVEL		Project Number	:	BSD1504
Client Sample ID	: 8A		Matrix (Level)	:	WATER (LOW)
Lab Sample ID	: L2512368-10		Analysis Date	:	03/14/25 12:57
Matrix Spike	: WG2038207-4		MS Analysis Date	:	03/14/25 12:12
Matrix Spike Dup	: WG2038207-5		MSD Analysis Date	:	03/14/25 12:35

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trichlorobenzene	ND	20	14.	70	20	15.	75	7	39-98	30
Bis(2-chloroethyl)ether	ND	20	18.	90	20	19.	95	5	40-140	30
1,2-Dichlorobenzene	ND	20	14.	70	20	14.	70	0	40-140	30
1,3-Dichlorobenzene	ND	20	13.	65	20	14.	70	7	40-140	30
1,4-Dichlorobenzene	ND	20	14.	70	20	14.	70	0	36-97	30
3,3'-Dichlorobenzidine	ND	20	16.	80	20	17.	85	6	40-140	30
2,4-Dinitrotoluene	ND	20	18.	90	20	19.	95	5	48-143	30
2,6-Dinitrotoluene	ND	20	18.	90	20	19.	95	5	40-140	30
4-Chlorophenyl phenyl ether	ND	20	15.	75	20	17.	85	13	40-140	30
4-Bromophenyl phenyl ether	ND	20	16.	80	20	17.	85	6	40-140	30
Bis(2-chloroisopropyl)ether	ND	20	19.	95	20	20.	100	5	40-140	30
Bis(2-chloroethoxy)methane	ND	20	18.	90	20	19.	95	5	40-140	30
Hexachlorocyclopentadiene	ND	20	8.8J	44	20	9.6J	48	9	40-140	30
Isophorone	ND	20	18.	90	20	19.	95	5	40-140	30
Nitrobenzene	ND	20	19.	95	20	20.	100	5	40-140	30
NDPA/DPA	ND	20	16.	80	20	18.	90	12	40-140	30
n-Nitrosodi-n-propylamine	ND	20	18.	90	20	20.	100	11	29-132	30
Bis(2-ethylhexyl)phthalate	ND	20	18.	90	20	19.	95	5	40-140	30
Butyl benzyl phthalate	ND	20	18.	90	20	20.	100	11	40-140	30
Di-n-butylphthalate	ND	20	16.	80	20	18.	90	12	40-140	30
Di-n-octylphthalate	ND	20	17.	85	20	19.	95	11	40-140	30
Diethyl phthalate	ND	20	16.	80	20	18.	90	12	40-140	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser		**Lab Number**	:	L2512368
Project Name	: ROANOKE SAND AND GRAVEL		**Project Number**	:	BSD1504
Client Sample ID	: 8A		**Matrix (Level)**	:	WATER (LOW)
Lab Sample ID	: L2512368-10		**Analysis Date**	:	03/14/25 12:57
Matrix Spike	: WG2038207-4		**MS Analysis Date**	:	03/14/25 12:12
Matrix Spike Dup	: WG2038207-5		**MSD Analysis Date**	:	03/14/25 12:35

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Matrix Spike Duplicate Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Dimethyl phthalate	ND	20	16.	80	20	18.	90	12	40-140	30
Biphenyl	ND	20	18.	90	20	19.	95	5	40-140	30
4-Chloroaniline	ND	20	17.	85	20	18.	90	6	40-140	30
2-Nitroaniline	ND	20	18.	90	20	20.	100	11	52-143	30
3-Nitroaniline	ND	20	17.	85	20	19.	95	11	25-145	30
4-Nitroaniline	ND	20	18.	90	20	21.	110	15	51-143	30
Dibenzofuran	ND	20	16.	80	20	17.	85	6	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	20	15.	75	20	16.	80	6	2-134	30
Acetophenone	ND	20	21.	110	20	23.	120	9	39-129	30
2,4,6-Trichlorophenol	ND	20	12.	60	20	13.	65	8	30-130	30
p-Chloro-m-cresol	ND	20	16.	80	20	18.	90	12	23-97	30
2-Chlorophenol	ND	20	12.	60	20	13.	65	8	27-123	30
2,4-Dichlorophenol	ND	20	14.	70	20	16.	80	13	30-130	30
2,4-Dimethylphenol	ND	20	10.	50	20	13.	65	26	30-130	30
2-Nitrophenol	ND	20	15.	75	20	16.	80	6	30-130	30
4-Nitrophenol	ND	20	9.5J	48	20	10.	50	5	10-80	30
2,4-Dinitrophenol	ND	20	10.J	50	20	10.J	50	0	20-130	30
4,6-Dinitro-o-cresol	ND	20	11.	55	20	12.	60	9	20-164	30
Phenol	ND	20	6.3	32	20	7.3	37	15	12-110	30
2-Methylphenol	ND	20	12.	60	20	13.	65	8	30-130	30
3-Methylphenol/4-Methylphenol	ND	20	12.	60	20	13.	65	8	30-130	30
2,4,5-Trichlorophenol	ND	20	13.	65	20	15.	75	14	30-130	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Client Sample ID	: 8A	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2512368-10	**Analysis Date**	: 03/14/25 12:57
Matrix Spike	: WG2038207-4	**MS Analysis Date**	: 03/14/25 12:12
Matrix Spike Dup	: WG2038207-5	**MSD Analysis Date**	: 03/14/25 12:35

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Benzoic Acid	ND	20	ND	0	Q	20	ND	0	Q	NC	10-164	30
Benzyl Alcohol	ND	20	16.	80		20	17.	85		6	26-116	30
Carbazole	ND	20	18.	90		20	20.	100		11	55-144	30

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: P. W. Grosser | **Lab Number: L2512368**
Project Name: ROANOKE SAND AND GRAVEL | **Project Number: BSD1504**
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
5A (L2512368-01)	24	21	80	73	36	81	0
5B (L2512368-02)	26	23	88	69	37	74	0
6A (L2512368-04)	24	19	69	65	37	71	0
6B (L2512368-05)	24	19	76	70	45	78	0
7A (L2512368-07)	34	23	82	76	56	76	0
7B (L2512368-08)	12*	14	73	69	21	76	1
8A (L2512368-10)	22	18	72	62	33	68	0
8B (L2512368-11)	44	29	89	79	70	87	0
9A (L2512368-13)	18*	18	66	75	29	80	1
9B (L2512368-14)	30	24	82	87	46	95	0
10A (L2512368-16)	26	24	78	88	52	94	0
10B (L2512368-17)	26	20	73	77	43	81	0
DUP001 (L2512368-19)	30	23	67	74	53	85	0
WG2038207-1BLANK	30	24	73	72	50	74	0
WG2038207-2LCS	47	34	93	88	81	89	0
WG2038207-3LCSD	46	35	96	89	84	89	0
8AMS	37	28	100	82	59	85	0
8AMSD	40	33	109	89	73	94	0

QC LIMITS

(21-120)	2FP = 2-FLUOROPHENOL
(10-120)	PHL = PHENOL-D6
(23-120)	NBZ = NITROBENZENE-D5
(15-120)	FBP = 2-FLUOROBIPHENYL
(10-120)	TBP = 2,4,6-TRIBROMOPHENOL
(41-149)	TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NYTCL-8270-RVT

Method Blank Summary
Form 4
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab Sample ID	: WG2038207-1	Lab File ID	: 038207-1
Instrument ID	: SV106	Extraction Date	: 03/08/25
Matrix	: WATER	Analysis Date	: 03/13/25 13:27
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG2038207-2LCS	WG2038207-2	03/13/25 13:50
WG2038207-3LCSD	WG2038207-3	03/13/25 14:13
6A	L2512368-04	03/14/25 07:25
5A	L2512368-01	03/14/25 10:20
5B	L2512368-02	03/14/25 10:42
6B	L2512368-05	03/14/25 11:05
7A	L2512368-07	03/14/25 11:27
7B	L2512368-08	03/14/25 11:50
8AMS	WG2038207-4	03/14/25 12:12
8AMSD	WG2038207-5	03/14/25 12:35
8A	L2512368-10	03/14/25 12:57
8B	L2512368-11	03/14/25 13:20
9A	L2512368-13	03/14/25 14:37
9B	L2512368-14	03/14/25 15:00
10A	L2512368-16	03/14/25 15:23
10B	L2512368-17	03/14/25 15:45
DUP001	L2512368-19	03/14/25 16:08

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser		Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL		Project Number	: BSD1504
Instrument ID	: DAKOTA		Analysis Date	: 11/05/24 16:36
Tune Standard	: R1897417-31		Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	34.4
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	45.2
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	27.8
365	Greater than 1.0% of mass 198	3.3
441	Present, but less than 24% of mass 442	17.4
442	Base Peak, or >50% of mass 198	80.8
443	15.0 - 24.0% of mass 442	15.9 (19.7)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL9	R1897417-9	ABNL9	11/05/24 16:59
ABNL8	R1897417-8	ABNL8	11/05/24 17:23
ABNL7	R1897417-7	ABNL7	11/05/24 17:46
ABNL6	R1897417-6	ABNL6	11/05/24 18:09
ABNL5	R1897417-5	ABNL5	11/05/24 18:33
ABNL4	R1897417-4	ABNL4	11/05/24 18:56
ABNL3	R1897417-3	ABNL3	11/05/24 19:19
ABNL2	R1897417-2	ABNL2	11/05/24 19:42
ABNL1	R1897417-1	ABNL1	11/05/24 20:06
AP9L9	R1897417-27	AP9L9	11/05/24 20:29
AP9L8	R1897417-26	AP9L8	11/05/24 20:53
AP9L7	R1897417-25	AP9L7	11/05/24 21:16
AP9L6	R1897417-24	AP9L6	11/05/24 21:39
AP9L5	R1897417-23	AP9L5	11/05/24 22:03
AP9L4	R1897417-22	AP9L4	11/05/24 22:26
AP9L3	R1897417-21	AP9L3	11/05/24 22:49
AP9L2	R1897417-20	AP9L2	11/05/24 23:13
AP9L1	R1897417-19	AP9L1	11/05/24 23:36
ABN ICV Quant Report	R1897417-28	ABNICV	11/05/24 23:59
AP9 ICV Quant Report	R1897417-30	AP9ICV	11/06/24 00:23

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: DAKOTA	Analysis Date	: 11/06/24 00:46
Tune Standard	: R1897417-32	Tune File ID	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	35.4
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	45.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	27.4
365	Greater than 1.0% of mass 198	3.3
441	Present, but less than 24% of mass 442	17.8
442	Base Peak, or >50% of mass 198	78.8
443	15.0 - 24.0% of mass 442	15.6 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL9	R1897417-18	ADPL9	11/06/24 01:10
ADPL8	R1897417-17	ADPL8	11/06/24 01:33
ADPL7	R1897417-16	ADPL7	11/06/24 01:56
ADPL6	R1897417-15	ADPL6	11/06/24 02:20
ADPL5	R1897417-14	ADPL5	11/06/24 02:43
ADPL4	R1897417-13	ADPL4	11/06/24 03:07
ADPL3	R1897417-12	ADPL3	11/06/24 03:30
ADPL2	R1897417-10	ADPL2	11/06/24 03:53
ADPL1	R1897417-11	ADPL1	11/06/24 04:17
ADP ICV Quant Report	R1897417-29	ADPICV	11/06/24 04:40

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: DAKOTA	Analysis Date	: 03/14/25 08:28
Tune Standard	: WG2040571-1	Tune File ID	: DEG0314_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	47.5
68	Less than 2.0% of mass 69	0.2 (.4)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	49.5
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	25.5
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	18.3
442	Base Peak, or >50% of mass 198	68.3
443	15.0 - 24.0% of mass 442	14 (20.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2040571-6TFACTOR-B	WG2040571-6	DEG0314	03/14/25 08:28
WG2040571-7TFACTOR-P	WG2040571-7	DEG0314	03/14/25 08:28
WG2040571-3CCAL	WG2040571-3	ABN0314	03/14/25 08:50
WG2040571-4CCAL	WG2040571-4	AP90314	03/14/25 09:13
WG2040571-5CCAL	WG2040571-5	ADP0314	03/14/25 09:35
5A	L2512368-01	12368-01	03/14/25 10:20
5B	L2512368-02	12368-02	03/14/25 10:42
6B	L2512368-05	12368-05	03/14/25 11:05
7A	L2512368-07	12368-07	03/14/25 11:27
7B	L2512368-08	12368-08	03/14/25 11:50
WG2038207-4MS	WG2038207-4	038207-4	03/14/25 12:12
WG2038207-5MSD	WG2038207-5	038207-5	03/14/25 12:35
8A	L2512368-10	12368-10	03/14/25 12:57
8B	L2512368-11	12368-11	03/14/25 13:20

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Analysis Date	: 03/11/25 16:27
Tune Standard	: R1939674-1	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	41.5
68	Less than 2.0% of mass 69	0.4 (1.1)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	43.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	25.9
365	Greater than 1.0% of mass 198	3
441	Present, but less than 24% of mass 442	16.7
442	Base Peak, or >50% of mass 198	74.8
443	15.0 - 24.0% of mass 442	14.9 (20)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL9	R1939674-12	ABNL9	03/11/25 16:50
ABNL8	R1939674-10	ABNL8	03/11/25 17:14
ABNL7	R1939674-9	ABNL7	03/11/25 17:37
ABNL6	R1939674-8	ABNL6	03/11/25 18:01
ABNL5	R1939674-7	ABNL5	03/11/25 18:24
ABNL4	R1939674-6	ABNL4	03/11/25 18:48
ABNL3	R1939674-5	ABNL3	03/11/25 19:11
ABNL2	R1939674-4	ABNL2	03/11/25 19:34
ABNL1	R1939674-3	ABNL1	03/11/25 19:58
ABN ICV Quant Report	R1939674-30	ABNICV	03/11/25 22:18

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Analysis Date	: 03/11/25 23:05
Tune Standard	: R1939674-2	Tune File ID	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	41.4
68	Less than 2.0% of mass 69	0.3 (.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	43.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	25.6
365	Greater than 1.0% of mass 198	3
441	Present, but less than 24% of mass 442	16.9
442	Base Peak, or >50% of mass 198	72.8
443	15.0 - 24.0% of mass 442	14.2 (19.6)2

1-Value is % of mass 69   2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
AP9L9	R1939674-29	AP9L9	03/11/25 23:29
AP9L8	R1939674-28	AP9L8	03/11/25 23:52
AP9L7	R1939674-27	AP9L7	03/12/25 00:15
AP9L6	R1939674-26	AP9L6	03/12/25 00:39
AP9L5	R1939674-25	AP9L5	03/12/25 01:02
AP9L4	R1939674-24	AP9L4	03/12/25 01:26
AP9L3	R1939674-22	AP9L3	03/12/25 01:49
AP9L2	R1939674-23	AP9L2	03/12/25 02:12
AP9L1	R1939674-19	AP9L1	03/12/25 02:36
ADPL9	R1939674-20	ADPL9	03/12/25 02:59
ADPL8	R1939674-21	ADPL8	03/12/25 03:23
ADPL7	R1939674-18	ADPL7	03/12/25 03:46
ADPL6	R1939674-16	ADPL6	03/12/25 04:09
ADPL5	R1939674-17	ADPL5	03/12/25 04:33
ADPL4	R1939674-15	ADPL4	03/12/25 04:56
ADPL3	R1939674-14	ADPL3	03/12/25 05:20
ADPL2	R1939674-13	ADPL2	03/12/25 05:43
ADPL1	R1939674-11	ADPL1	03/12/25 06:06
AP9 ICV Quant Report	R1939674-32	AP9ICV	03/12/25 06:30
ADP ICV Quant Report	R1939674-31	ADPICV	03/12/25 06:53

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Analysis Date	: 03/13/25 10:40
Tune Standard	: WG2040166-1	Tune File ID	: DEG0313_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	42.8
68	Less than 2.0% of mass 69	0.3 (.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	43.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	26
365	Greater than 1.0% of mass 198	3.1
441	Present, but less than 24% of mass 442	16.6
442	Base Peak, or >50% of mass 198	78
443	15.0 - 24.0% of mass 442	15.2 (19.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2040166-6TFACTOR-B	WG2040166-6	DEG0313	03/13/25 10:40
WG2040166-7TFACTOR-P	WG2040166-7	DEG0313	03/13/25 10:40
WG2040166-3CCAL	WG2040166-3	ABN0313	03/13/25 11:03
WG2040166-4CCAL	WG2040166-4	AP90313	03/13/25 11:27
WG2040166-5CCAL	WG2040166-5	ADP0313	03/13/25 11:50
WG2038207-1BLANK	WG2038207-1	038207-1	03/13/25 13:27
WG2038207-2LCS	WG2038207-2	038207-2	03/13/25 13:50
WG2038207-3LCSD	WG2038207-3	038207-3	03/13/25 14:13

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Analysis Date	: 03/13/25 19:42
Tune Standard	: WG2040337-1	Tune File ID	: DEG0313n_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	45.9
68	Less than 2.0% of mass 69	0.6 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	45
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	25.4
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than 24% of mass 442	16.7
442	Base Peak, or >50% of mass 198	68.8
443	15.0 - 24.0% of mass 442	13.5 (19.6)2

1-Value is % of mass 69   2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2040337-6TFACTOR-P	WG2040337-6	DEG0313N	03/13/25 19:42
WG2040337-7TFACTOR-B	WG2040337-7	DEG0313N	03/13/25 19:42
WG2040337-3CCAL	WG2040337-3	ABN0313N	03/13/25 20:06
WG2040337-4CCAL	WG2040337-4	AP90313N	03/13/25 20:29
WG2040337-5CCAL	WG2040337-5	ADP0313N	03/13/25 20:53
6A	L2512368-04	12368-04	03/14/25 07:25

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Analysis Date	: 03/13/25 13:24
Tune Standard	: R1940620-31	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	35.3
68	Less than 2.0% of mass 69	0.6 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	43.8
197	Less than 2.0% of mass 198	0.8
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.1
275	10.0 - 60.0% of Base Peak	27.5
365	Greater than 1.0% of mass 198	3.3
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	72.5
443	15.0 - 24.0% of mass 442	14.5 (20)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL9	R1940620-9	ABNL9	03/13/25 13:47
ABNL8	R1940620-8	ABNL8	03/13/25 14:10
ABNL7	R1940620-7	ABNL7	03/13/25 14:32
ABNL6	R1940620-6	ABNL6	03/13/25 14:55
ABNL5	R1940620-5	ABNL5	03/13/25 15:18
ABNL4	R1940620-4	ABNL4	03/13/25 15:41
ABNL3	R1940620-3	ABNL3	03/13/25 16:03
ABNL2	R1940620-2	ABNL2	03/13/25 16:26
ABNL1	R1940620-1	ABNL1	03/13/25 16:49
AP9L9	R1940620-27	AP9L9	03/13/25 17:12
AP9L8	R1940620-26	AP9L8	03/13/25 17:35
AP9L7	R1940620-25	AP9L7	03/13/25 17:57
AP9L6	R1940620-24	AP9L6	03/13/25 18:20
AP9L5	R1940620-23	AP9L5	03/13/25 18:43
AP9L4	R1940620-22	AP9L4	03/13/25 19:06
AP9L3	R1940620-21	AP9L3	03/13/25 19:29
AP9L2	R1940620-20	AP9L2	03/13/25 19:51
AP9L1	R1940620-19	AP9L1	03/13/25 20:14
ABN ICV Quant Report	R1940620-29	ABNICV	03/13/25 20:37
AP9 ICV Quant Report	R1940620-30	AP9ICV	03/13/25 21:00

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Analysis Date	: 03/13/25 21:22
Tune Standard	: R1940620-32	Tune File ID	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	32.6
68	Less than 2.0% of mass 69	0.6 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	44.4
197	Less than 2.0% of mass 198	0.7
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.5
275	10.0 - 60.0% of Base Peak	29.3
365	Greater than 1.0% of mass 198	3.6
441	Present, but less than 24% of mass 442	18.2
442	Base Peak, or >50% of mass 198	79
443	15.0 - 24.0% of mass 442	16.2 (20.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL9	R1940620-18	ADPL9	03/13/25 21:45
ADPL8	R1940620-17	ADPL8	03/13/25 22:08
ADPL7	R1940620-16	ADPL7	03/13/25 22:31
ADPL6	R1940620-15	ADPL6	03/13/25 22:53
ADPL5	R1940620-14	ADPL5	03/13/25 23:16
ADPL4	R1940620-13	ADPL4	03/13/25 23:39
ADPL3	R1940620-12	ADPL3	03/14/25 00:02
ADPL2	R1940620-11	ADPL2	03/14/25 00:25
ADPL1	R1940620-10	ADPL1	03/14/25 00:48
ADP ICV Quant Report	R1940620-28	ADPICV	03/14/25 01:11

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Analysis Date	: 03/14/25 10:49
Tune Standard	: WG2040646-1	Tune File ID	: DEG0314_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	39
68	Less than 2.0% of mass 69	0.6 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	44.7
197	Less than 2.0% of mass 198	0.7
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	26.5
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	68.5
443	15.0 - 24.0% of mass 442	13.5 (19.7)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2040646-6TFACTOR-B	WG2040646-6	DEG0314	03/14/25 10:49
WG2040646-7TFACTOR-P	WG2040646-7	DEG0314	03/14/25 10:49
WG2040646-3CCAL	WG2040646-3	ABN0314	03/14/25 11:12
WG2040646-4CCAL	WG2040646-4	AP90314	03/14/25 11:34
WG2040646-5CCAL	WG2040646-5	ADP0314	03/14/25 11:57
9A	L2512368-13	12368-13	03/14/25 14:37
9B	L2512368-14	12368-14	03/14/25 15:00
10A	L2512368-16	12368-16	03/14/25 15:23
10B	L2512368-17	12368-17	03/14/25 15:45
DUP001	L2512368-19	12368-19	03/14/25 16:08

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Analysis Date	: 03/13/25 11:03:00
Sample No	: WG2040166-3	Lab File ID	: ABN0313

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2040166-3	59871	6.35	230532	7.78	140631	9.55
Upper Limit	119742	6.85	461064	8.28	281262	10.05
Lower Limit	29936	5.85	115266	7.28	70316	9.05
Sample ID						
WG2040166-4 CCAL	57135	6.35	214914	7.78	134336	9.55
WG2040166-5 CCAL	59091	6.35	-	-	132555	9.55
WG2038207-1 BLANK	65082	6.35	242428	7.78	148669	9.55
WG2038207-2 LCS	67857	6.35	254419	7.78	158088	9.55
WG2038207-3 LCSD	97575	6.35	367413	7.79	227741	9.55

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Analysis Date**	: 03/13/25 11:03:00
Sample No	: WG2040166-3	**Lab File ID**	: ABN0313

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2040166-3	279147	10.99	296814	13.62	301762	15.08
Upper Limit	558294	11.49	593628	14.12	603524	15.58
Lower Limit	139574	10.49	148407	13.12	150881	14.58
Sample ID						
WG2040166-4 CCAL	269979	10.99	-	-	-	-
WG2040166-5 CCAL	278241	10.99	-	-	-	-
WG2038207-1 BLANK	296186	10.99	293756	13.61	309941	15.07
WG2038207-2 LCS	316714	10.99	313755	13.62	327342	15.08
WG2038207-3 LCSD	453536	10.99	464174	13.62	488339	15.08

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV106**	**Analysis Date**	**: 03/13/25 20:06:00**
Sample No	**: WG2040337-3**	**Lab File ID**	**: ABN0313N**

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2040337-3	59958	6.35	224636	7.79	137525	9.55
Upper Limit	119916	6.85	449272	8.29	275050	10.05
Lower Limit	29979	5.85	112318	7.29	68763	9.05
Sample ID						
WG2040337-4 CCAL	63907	6.35	231284	7.78	147221	9.55
WG2040337-5 CCAL	62704	6.35	-	-	134590	9.55
6A	78581	6.35	295501	7.78	183013	9.55

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

*** Values outside of QC limits**

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Analysis Date**	: 03/13/25 20:06:00
Sample No	: WG2040337-3	**Lab File ID**	: ABN0313N

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2040337-3	261397	10.99	280722	13.62	286304	15.07
Upper Limit	522794	11.49	561444	14.12	572608	15.57
Lower Limit	130699	10.49	140361	13.12	143152	14.57
Sample ID						
WG2040337-4 CCAL	293983	10.99	-	-	-	-
WG2040337-5 CCAL	281638	10.99	-	-	-	-
6A	364902	10.99	366691	13.62	398510	15.08

Area Upper Limit = +100% of internal standard area

Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT

RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: DAKOTA	**Analysis Date**	: 03/14/25 08:50:00
Sample No	: WG2040571-3	**Lab File ID**	: ABN0314

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2040571-3	21719	4.28	84947	5.52	58301	7.21
Upper Limit	43438	4.78	169894	6.02	116602	7.71
Lower Limit	10860	3.78	42474	5.02	29151	6.71
Sample ID						
WG2040571-4 CCAL	21435	4.28	81068	5.52	54251	7.21
WG2040571-5 CCAL	21148	4.28	-	-	54233	7.21
5A	21631	4.28	85926	5.52	56740	7.21
5B	22731	4.28	91290	5.52	61269	7.21
6B	21564	4.28	82695	5.52	55024	7.21
7A	22341	4.28	86303	5.52	58950	7.21
7B	22441	4.28	85705	5.52	56731	7.21
8A MS	23776	4.28	93125	5.52	60782	7.21
8A MSD	24406	4.28	93408	5.52	60589	7.21
8A	22340	4.28	86509	5.52	57441	7.21
8B	21401	4.28	80938	5.52	53691	7.21

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: DAKOTA	Analysis Date	: 03/14/25 08:50:00
Sample No	: WG2040571-3	Lab File ID	: ABN0314

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2040571-3	128488	8.63	158360	11.20	188902	12.62
Upper Limit	256976	9.13	316720	11.70	377804	13.12
Lower Limit	64244	8.13	79180	10.70	94451	12.12
Sample ID						
WG2040571-4 CCAL	124506	8.63	-	-	-	-
WG2040571-5 CCAL	123626	8.63	-	-	-	-
5A	128993	8.63	150998	11.20	186683	12.62
5B	138464	8.63	161768	11.20	196284	12.62
6B	129900	8.63	160731	11.20	188466	12.62
7A	133464	8.63	157505	11.20	185300	12.62
7B	132051	8.63	158026	11.20	190824	12.62
8A MS	133531	8.63	157103	11.20	197861	12.62
8A MSD	139011	8.63	166351	11.20	195409	12.62
8A	129622	8.63	154314	11.20	183107	12.62
8B	125248	8.63	144265	11.20	172868	12.62

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV112	**Analysis Date**	: 03/14/25 11:12:00
Sample No	: WG2040646-3	**Lab File ID**	: ABN0314

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2040646-3	23346	4.83	88853	6.06	57480	7.76
Upper Limit	46692	5.33	177706	6.56	114960	8.26
Lower Limit	11673	4.33	44427	5.56	28740	7.26
Sample ID						
WG2040646-4 CCAL	22376	4.83	80810	6.06	51230	7.76
WG2040646-5 CCAL	22246	4.83	-	-	49798	7.76
9A	23131	4.83	84149	6.06	52503	7.76
9B	23239	4.83	86306	6.06	52059	7.76
10A	22035	4.83	82011	6.06	49660	7.76
10B	22280	4.83	83134	6.06	51455	7.76
DUP001	23125	4.83	84110	6.06	52414	7.76

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Analysis Date	: 03/14/25 11:12:00
Sample No	: WG2040646-3	Lab File ID	: ABN0314

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2040646-3	125165	9.19	148065	11.83	159699	13.29
Upper Limit	250330	9.69	296130	12.33	319398	13.79
Lower Limit	62583	8.69	74033	11.33	79850	12.79
Sample ID						
WG2040646-4 CCAL	113237	9.19	-	-	-	-
WG2040646-5 CCAL	116394	9.19	-	-	-	-
9A	113738	9.19	128533	11.83	138485	13.29
9B	113634	9.19	128221	11.83	140421	13.29
10A	106792	9.19	120760	11.83	131334	13.29
10B	110596	9.19	123295	11.83	133119	13.29
DUP001	112446	9.19	122106	11.83	133360	13.29

Area Upper Limit = +100% of internal standard area

Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT

RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 03/07/23
Created By: Jason Hebert
File: PM14021-1
Page: 1

ABN Extractables - EPA 8270E (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 1000ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	2	1.06	ug/l	37-111	30	37-111	30	30			
Benzidine	92-87-5	20	8.14	ug/l	10-75	30	10-75	30	30			
1,2,4-Trichlorobenzene	120-82-1	5	0.581	ug/l	39-98	30	39-98	30	30			
Hexachlorobenzene	118-74-1	2	0.69	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethyl)ether	111-44-4	2	0.884	ug/l	40-140	30	40-140	30	30			
2-Chloronaphthalene	91-58-7	2	0.538	ug/l	40-140	30	40-140	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.636	ug/l	40-140	30	40-140	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.642	ug/l	40-140	30	40-140	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.463	ug/l	36-97	30	36-97	30	30			
3,3'-Dichlorobenzidine	91-94-1	5	0.854	ug/l	40-140	30	40-140	30	30			
2,4-Dinitrotoluene	121-14-2	5	0.382	ug/l	48-143	30	48-143	30	30			
2,6-Dinitrotoluene	606-20-2	5	0.368	ug/l	40-140	30	40-140	30	30			
Azobenzene	122-66-7	2	0.81	ug/l	40-140	30	40-140	30	30			
Fluoranthene	206-44-0	2	0.653	ug/l	40-140	30	40-140	30	30			
4-Chlorophenyl phenyl ether	7005-72-3	2	0.795	ug/l	40-140	30	40-140	30	30			
4-Bromophenyl phenyl ether	101-55-3	2	0.632	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroisopropyl)ether	108-60-1	2	1.75	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethoxy)methane	111-91-1	5	1.49	ug/l	40-140	30	40-140	30	30			
Hexachlorobutadiene	87-68-3	2	0.6	ug/l	40-140	30	40-140	30	30			
Hexachlorocyclopentadiene	77-47-4	20	0.606	ug/l	40-140	30	40-140	30	30			
Hexachloroethane	67-72-1	2	0.44	ug/l	40-140	30	40-140	30	30			
Isophorone	78-59-1	5	0.657	ug/l	40-140	30	40-140	30	30			
Naphthalene	91-20-3	2	0.669	ug/l	40-140	30	40-140	30	30			
Nitrobenzene	98-95-3	2	0.656	ug/l	40-140	30	40-140	30	30			
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6	2	0.65	ug/l	40-140	30	40-140	30	30			
n-Nitrosodi-n-propylamine	621-64-7	5	0.771	ug/l	29-132	30	29-132	30	30			
Bis(2-Ethylhexyl)phthalate	117-81-7	3	1.51	ug/l	40-140	30	40-140	30	30			
Butyl benzyl phthalate	85-68-7	5	2.18	ug/l	40-140	30	40-140	30	30			
Di-n-butylphthalate	84-74-2	5	0.58	ug/l	40-140	30	40-140	30	30			
Di-n-octylphthalate	117-84-0	5	2.39	ug/l	40-140	30	40-140	30	30			
Diethyl phthalate	84-66-2	5	4.3	ug/l	40-140	30	40-140	30	30			
Dimethyl phthalate	131-11-3	5	4.44	ug/l	40-140	30	40-140	30	30			
Benzo(a)anthracene	56-55-3	2	0.767	ug/l	40-140	30	40-140	30	30			
Benzo(a)pyrene	50-32-8	2	0.447	ug/l	40-140	30	40-140	30	30			
Benzo(b)fluoranthene	205-99-2	2	0.814	ug/l	40-140	30	40-140	30	30			
Benzo(k)fluoranthene	207-08-9	2	0.816	ug/l	40-140	30	40-140	30	30			
Chrysene	218-01-9	2	0.828	ug/l	40-140	30	40-140	30	30			
Acenaphthylene	208-96-8	2	0.59	ug/l	45-123	30	45-123	30	30			
Anthracene	120-12-7	2	0.79	ug/l	40-140	30	40-140	30	30			
Benzo(ghi)perylene	191-24-2	2	0.77	ug/l	40-140	30	40-140	30	30			
Fluorene	86-73-7	2	1.05	ug/l	40-140	30	40-140	30	30			
Phenanthrene	85-01-8	2	0.992	ug/l	40-140	30	40-140	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of ***the laboratory***

ABN Extractables - EPA 8270E (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 1000ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibenzo(a,h)anthracene	53-70-3	2	0.452	ug/l	40-140	30	40-140	30	30			
Indeno(1,2,3-cd)Pyrene	193-39-5	2	0.943	ug/l	40-140	30	40-140	30	30			
Pyrene	129-00-0	2	0.704	ug/l	26-127	30	26-127	30	30			
Biphenyl	92-52-4	2	0.635	ug/l	40-140	30	40-140	30	30			
Aniline	62-53-3	2	0.482	ug/l	40-140	30	40-140	30	30			
4-Chloroaniline	106-47-8	5	0.647	ug/l	40-140	30	40-140	30	30			
1-Methylnaphthalene	90-12-0	2	0.595	ug/l	41-103	30	41-103	30	30			
2-Nitroaniline	88-74-4	5	0.519	ug/l	52-143	30	52-143	30	30			
3-Nitroaniline	99-09-2	5	0.574	ug/l	25-145	30	25-145	30	30			
4-Nitroaniline	100-01-6	5	0.581	ug/l	51-143	30	51-143	30	30			
Dibenzofuran	132-64-9	2	0.823	ug/l	40-140	30	40-140	30	30			
2-Methylnaphthalene	91-57-6	2	0.677	ug/l	40-140	30	40-140	30	30			
n-Nitrosodimethylamine	62-75-9	2	0.524	ug/l	22-74	30	22-74	30	30			
2,4,6-Trichlorophenol	88-06-2	5	0.494	ug/l	30-130	30	30-130	30	30			
P-Chloro-M-Cresol	59-50-7	2	0.406	ug/l	23-97	30	23-97	30	30			
2-Chlorophenol	95-57-8	2	0.405	ug/l	27-123	30	27-123	30	30			
2,4-Dichlorophenol	120-83-2	5	0.527	ug/l	30-130	30	30-130	30	30			
2,4-Dimethylphenol	105-67-9	5	1.1	ug/l	30-130	30	30-130	30	30			
2-Nitrophenol	88-75-5	10	0.463	ug/l	30-130	30	30-130	30	30			
4-Nitrophenol	100-02-7	10	1.14	ug/l	10-80	30	10-80	30	30			
2,4-Dinitrophenol	51-28-5	20	3.55	ug/l	20-130	30	20-130	30	30			
4,6-Dinitro-o-cresol	534-52-1	10	5.42	ug/l	20-164	30	20-164	30	30			
Pentachlorophenol	87-86-5	10	1.95	ug/l	9-103	30	9-103	30	30			
Phenol	108-95-2	5	1.3	ug/l	12-110	30	12-110	30	30			
2-Methylphenol	95-48-7	5	1.1	ug/l	30-130	30	30-130	30	30			
3-Methylphenol/4-Methylphenol	106-44-5	5	0.55	ug/l	30-130	30	30-130	30	30			
2,4,5-Trichlorophenol	95-95-4	5	0.381	ug/l	30-130	30	30-130	30	30			
Benzoic Acid	65-85-0	50	12.9	ug/l	10-164	30	10-164	30	30			
Benzyl Alcohol	100-51-6	2	0.698	ug/l	26-116	30	26-116	30	30			
Carbazole	86-74-8	2	0.759	ug/l	55-144	30	55-144	30	30			
Pyridine	110-86-1	3.5	0.905	ug/l	10-66	30	10-66	30	30			
2-Fluorophenol	*367-12-4*									*21-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*15-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-120*		
4-Terphenyl-d14	*1718-51-0*									*41-149*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
*Please Note that the information provided in this table is subject to change at anytime at the discretion of **the laboratory***

Date Created: 03/07/23
Created By: Jason Hebert
File: PM14022-1
Page: 1

ABN Extractables - EPA 8270E (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Glass 250ml/8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	133.6	17.3012	ug/kg	31-137	50	31-137	50	50			
Benzidine	92-87-5	551.1	181.028	ug/kg	10-66	50	10-66	50	50			
1,2,4-Trichlorobenzene	120-82-1	167	19.1048	ug/kg	38-107	50	38-107	50	50			
Hexachlorobenzene	118-74-1	100.2	18.704	ug/kg	40-140	50	40-140	50	50			
Bis(2-chloroethyl)ether	111-44-4	150.3	22.6452	ug/kg	40-140	50	40-140	50	50			
2-Chloronaphthalene	91-58-7	167	16.5664	ug/kg	40-140	50	40-140	50	50			
1,2-Dichlorobenzene	95-50-1	167	29.9932	ug/kg	40-140	50	40-140	50	50			
1,3-Dichlorobenzene	541-73-1	167	28.724	ug/kg	40-140	50	40-140	50	50			
1,4-Dichlorobenzene	106-46-7	167	29.1582	ug/kg	28-104	50	28-104	50	50			
3,3'-Dichlorobenzidine	91-94-1	167	44.422	ug/kg	40-140	50	40-140	50	50			
2,4-Dinitrotoluene	121-14-2	167	33.4	ug/kg	40-132	50	40-132	50	50			
2,6-Dinitrotoluene	606-20-2	167	28.6572	ug/kg	40-140	50	40-140	50	50			
Azobenzene	122-66-7	167	16.032	ug/kg	40-140	50	40-140	50	50			
Fluoranthene	206-44-0	100.2	19.1716	ug/kg	40-140	50	40-140	50	50			
4-Chlorophenyl phenyl ether	7005-72-3	167	17.869	ug/kg	40-140	50	40-140	50	50			
4-Bromophenyl phenyl ether	101-55-3	167	25.4842	ug/kg	40-140	50	40-140	50	50			
Bis(2-chloroisopropyl)ether	108-60-1	200.4	28.5236	ug/kg	40-140	50	40-140	50	50			
Bis(2-chloroethoxy)methane	111-91-1	180.36	16.7334	ug/kg	40-117	50	40-117	50	50			
Hexachlorobutadiene	87-68-3	167	24.4488	ug/kg	40-140	50	40-140	50	50			
Hexachlorocyclopentadiene	77-47-4	477.62	151.302	ug/kg	40-140	50	40-140	50	50			
Hexachloroethane	67-72-1	133.6	27.0206	ug/kg	40-140	50	40-140	50	50			
Isophorone	78-59-1	150.3	21.6766	ug/kg	40-140	50	40-140	50	50			
Naphthalene	91-20-3	167	20.3406	ug/kg	40-140	50	40-140	50	50			
Nitrobenzene	98-95-3	150.3	24.716	ug/kg	40-140	50	40-140	50	50			
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6	133.6	19.0046	ug/kg	36-157	50	36-157	50	50			
n-Nitrosodi-n-propylamine	621-64-7	167	25.7848	ug/kg	32-121	50	32-121	50	50			
Bis(2-Ethylhexyl)phthalate	117-81-7	167	57.782	ug/kg	40-140	50	40-140	50	50			
Butyl benzyl phthalate	85-68-7	167	42.084	ug/kg	40-140	50	40-140	50	50			
Di-n-butylphthalate	84-74-2	167	31.6632	ug/kg	40-140	50	40-140	50	50			
Di-n-octylphthalate	117-84-0	167	56.78	ug/kg	40-140	50	40-140	50	50			
Diethyl phthalate	84-66-2	167	15.4642	ug/kg	40-140	50	40-140	50	50			
Dimethyl phthalate	131-11-3	167	35.07	ug/kg	40-140	50	40-140	50	50			
Benzo(a)anthracene	56-55-3	100.2	18.8042	ug/kg	40-140	50	40-140	50	50			
Benzo(a)pyrene	50-32-8	133.6	40.748	ug/kg	40-140	50	40-140	50	50			
Benzo(b)fluoranthene	205-99-2	100.2	28.1228	ug/kg	40-140	50	40-140	50	50			
Benzo(k)fluoranthene	207-08-9	100.2	26.72	ug/kg	40-140	50	40-140	50	50			
Chrysene	218-01-9	100.2	17.368	ug/kg	40-140	50	40-140	50	50			
Acenaphthylene	208-96-8	133.6	25.7848	ug/kg	40-140	50	40-140	50	50			
Anthracene	120-12-7	100.2	32.565	ug/kg	40-140	50	40-140	50	50			
Benzo(ghi)perylene	191-24-2	133.6	19.6392	ug/kg	40-140	50	40-140	50	50			
Fluorene	86-73-7	167	16.2324	ug/kg	40-140	50	40-140	50	50			
Phenanthrene	85-01-8	100.2	20.3072	ug/kg	40-140	50	40-140	50	50			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of ***the laboratory***

ABN Extractables - EPA 8270E (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Glass 250ml/8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibenzo(a,h)anthracene	53-70-3	100.2	19.3052	ug/kg	40-140	50	40-140	50	50			
Indeno(1,2,3-cd)Pyrene	193-39-5	133.6	23.2798	ug/kg	40-140	50	40-140	50	50			
Pyrene	129-00-0	100.2	16.5998	ug/kg	35-142	50	35-142	50	50			
Biphenyl	92-52-4	380.76	21.71	ug/kg	37-127	50	37-127	50	50			
Aniline	62-53-3	200.4	78.824	ug/kg	40-140	50	40-140	50	50			
4-Chloroaniline	106-47-8	167	30.394	ug/kg	40-140	50	40-140	50	50			
1-Methylnaphthalene	90-12-0	167	19.372	ug/kg	26-130	50	26-130	50	50			
2-Nitroaniline	88-74-4	167	32.1976	ug/kg	47-134	50	47-134	50	50			
3-Nitroaniline	99-09-2	167	31.4962	ug/kg	26-129	50	26-129	50	50			
4-Nitroaniline	100-01-6	167	69.138	ug/kg	41-125	50	41-125	50	50			
Dibenzofuran	132-64-9	167	15.7982	ug/kg	40-140	50	40-140	50	50			
2-Methylnaphthalene	91-57-6	200.4	20.1736	ug/kg	40-140	50	40-140	50	50			
n-Nitrosodimethylamine	62-75-9	334	32.064	ug/kg	22-100	50	22-100	50	50			
2,4,6-Trichlorophenol	88-06-2	100.2	31.6632	ug/kg	30-130	50	30-130	50	50			
P-Chloro-M-Cresol	59-50-7	167	24.883	ug/kg	26-103	50	26-103	50	50			
2-Chlorophenol	95-57-8	167	19.7394	ug/kg	25-102	50	25-102	50	50			
2,4-Dichlorophenol	120-83-2	150.3	26.8536	ug/kg	30-130	50	30-130	50	50			
2,4-Dimethylphenol	105-67-9	167	55.11	ug/kg	30-130	50	30-130	50	50			
2-Nitrophenol	88-75-5	360.72	62.792	ug/kg	30-130	50	30-130	50	50			
4-Nitrophenol	100-02-7	233.8	68.136	ug/kg	11-114	50	11-114	50	50			
2,4-Dinitrophenol	51-28-5	801.6	77.822	ug/kg	4-130	50	4-130	50	50			
4,6-Dinitro-o-cresol	534-52-1	434.2	80.16	ug/kg	10-130	50	10-130	50	50			
Pentachlorophenol	87-86-5	133.6	36.74	ug/kg	17-109	50	17-109	50	50			
Phenol	108-95-2	167	25.217	ug/kg	26-90	50	26-90	50	50			
2-Methylphenol	95-48-7	167	25.885	ug/kg	30-130.	50	30-130.	50	50			
3-Methylphenol/4-Methylphenol	106-44-5	240.48	26.1522	ug/kg	30-130	50	30-130	50	50			
2,4,5-Trichlorophenol	95-95-4	167	31.9972	ug/kg	30-130	50	30-130	50	50			
Benzoic Acid	65-85-0	541.08	169.004	ug/kg	10-110	50	10-110	50	50			
Benzyl Alcohol	100-51-6	167	51.102	ug/kg	40-140	50	40-140	50	50			
Carbazole	86-74-8	167	16.2324	ug/kg	54-128	50	54-128	50	50			
Pyridine	110-86-1	180.36	63.46	ug/kg	10-93	50	10-93	50	50			
2-Fluorophenol	*367-12-4*									*25-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*30-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-136*		
4-Terphenyl-d14	*1718-51-0*									*18-120*		

***Please Note that the RL information provided in this table is calculated using a 100% Solids factor.** (Soil/Solids only)*
Please Note that the information provided in this table is subject to change at anytime at the discretion of the laboratory

Semivolatile Sample Data

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-01	Date Collected	: 03/05/25 11:20
Client ID	: 5A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 10:20
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Lab ID	**: L2512368-01**	**Date Collected**	**: 03/05/25 11:20**
Client ID	**: 5A**	**Date Received**	**: 03/05/25**
Sample Location	**: MIDDLE ISLAND**	**Date Analyzed**	**: 03/14/25 10:20**
Sample Matrix	**: WATER**	**Date Extracted**	**: 03/08/25**
Analytical Method	**: 1,8270E**	**Dilution Factor**	**: 1**
Lab File ID	**: 12368-01**	**Analyst**	**: SMZ**
Sample Amount	**: 100 ml**	**Instrument ID**	**: DAKOTA**
Extraction Method	**: EPA 3510C**	**GC Column**	**: RTX5-MS**
Extract Volume	**: 1000 uL**	**%Solids**	**: N/A**
GPC Cleanup	**: N**	**Injection Volume**	**: 1 uL**

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-01	Date Collected	: 03/05/25 11:20
Client ID	: 5A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 10:20
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	Results (ug/L)	RL (ug/L)	MDL (ug/L)	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-02	Date Collected	: 03/05/25 11:25
Client ID	: 5B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 10:42
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-02	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-02	Date Collected	: 03/05/25 11:25
Client ID	: 5B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 10:42
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-02	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-02	Date Collected	: 03/05/25 11:25
Client ID	: 5B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 10:42
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-02	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-04	Date Collected	: 03/05/25 09:25
Client ID	: 6A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 07:25
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-04	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.0	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-04	Date Collected	: 03/05/25 09:25
Client ID	: 6A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 07:25
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-04	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	Results (ug/L)	RL (ug/L)	MDL (ug/L)	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Lab ID	**: L2512368-04**	**Date Collected**	**: 03/05/25 09:25**
Client ID	**: 6A**	**Date Received**	**: 03/05/25**
Sample Location	**: MIDDLE ISLAND**	**Date Analyzed**	**: 03/14/25 07:25**
Sample Matrix	**: WATER**	**Date Extracted**	**: 03/08/25**
Analytical Method	**: 1,8270E**	**Dilution Factor**	**: 1**
Lab File ID	**: 12368-04**	**Analyst**	**: SLR**
Sample Amount	**: 100 ml**	**Instrument ID**	**: SV106**
Extraction Method	**: EPA 3510C**	**GC Column**	**: RTX5-MS**
Extract Volume	**: 1000 uL**	**%Solids**	**: N/A**
GPC Cleanup	**: N**	**Injection Volume**	**: 1 uL**

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-05	Date Collected	: 03/05/25 09:27
Client ID	: 6B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 11:05
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-05	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-05	Date Collected	: 03/05/25 09:27
Client ID	: 6B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 11:05
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-05	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-05	Date Collected	: 03/05/25 09:27
Client ID	: 6B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 11:05
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-05	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-07	Date Collected	: 03/05/25 08:15
Client ID	: 7A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 11:27
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-07	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-07	Date Collected	: 03/05/25 08:15
Client ID	: 7A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 11:27
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-07	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-07	Date Collected	: 03/05/25 08:15
Client ID	: 7A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 11:27
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-07	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Lab ID	**: L2512368-08**	**Date Collected**	**: 03/05/25 08:13**
Client ID	**: 7B**	**Date Received**	**: 03/05/25**
Sample Location	**: MIDDLE ISLAND**	**Date Analyzed**	**: 03/14/25 11:50**
Sample Matrix	**: WATER**	**Date Extracted**	**: 03/08/25**
Analytical Method	**: 1,8270E**	**Dilution Factor**	**: 1**
Lab File ID	**: 12368-08**	**Analyst**	**: SMZ**
Sample Amount	**: 100 ml**	**Instrument ID**	**: DAKOTA**
Extraction Method	**: EPA 3510C**	**GC Column**	**: RTX5-MS**
Extract Volume	**: 1000 uL**	**%Solids**	**: N/A**
GPC Cleanup	**: N**	**Injection Volume**	**: 1 uL**

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-08	Date Collected	: 03/05/25 08:13
Client ID	: 7B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 11:50
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-08	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-08	Date Collected	: 03/05/25 08:13
Client ID	: 7B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 11:50
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-08	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Lab ID	**: L2512368-10**	**Date Collected**	**: 03/05/25 16:20**
Client ID	**: 8A**	**Date Received**	**: 03/05/25**
Sample Location	**: MIDDLE ISLAND**	**Date Analyzed**	**: 03/14/25 12:57**
Sample Matrix	**: WATER**	**Date Extracted**	**: 03/08/25**
Analytical Method	**: 1,8270E**	**Dilution Factor**	**: 1**
Lab File ID	**: 12368-10**	**Analyst**	**: SMZ**
Sample Amount	**: 100 ml**	**Instrument ID**	**: DAKOTA**
Extraction Method	**: EPA 3510C**	**GC Column**	**: RTX5-MS**
Extract Volume	**: 1000 uL**	**%Solids**	**: N/A**
GPC Cleanup	**: N**	**Injection Volume**	**: 1 uL**

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-10	Date Collected	: 03/05/25 16:20
Client ID	: 8A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 12:57
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-10	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-10	Date Collected	: 03/05/25 16:20
Client ID	: 8A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 12:57
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-10	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-11	Date Collected	: 03/05/25 16:45
Client ID	: 8B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 13:20
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-11	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-11	Date Collected	: 03/05/25 16:45
Client ID	: 8B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 13:20
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-11	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	ug/L RL	ug/L MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-11	Date Collected	: 03/05/25 16:45
Client ID	: 8B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 13:20
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-11	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-13	Date Collected	: 03/05/25 14:10
Client ID	: 9A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 14:37
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-13	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-13	Date Collected	: 03/05/25 14:10
Client ID	: 9A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 14:37
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-13	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	:	P. W. Grosser	Lab Number	:	L2512368
Project Name	:	ROANOKE SAND AND GRAVEL	Project Number	:	BSD1504
Lab ID	:	L2512368-13	Date Collected	:	03/05/25 14:10
Client ID	:	9A	Date Received	:	03/05/25
Sample Location	:	MIDDLE ISLAND	Date Analyzed	:	03/14/25 14:37
Sample Matrix	:	WATER	Date Extracted	:	03/08/25
Analytical Method	:	1,8270E	Dilution Factor	:	1
Lab File ID	:	12368-13	Analyst	:	JG
Sample Amount	:	100 ml	Instrument ID	:	SV112
Extraction Method	:	EPA 3510C	GC Column	:	RTX5-MS
Extract Volume	:	1000 uL	%Solids	:	N/A
GPC Cleanup	:	N	Injection Volume	:	1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-14	Date Collected	: 03/05/25 15:15
Client ID	: 9B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 15:00
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-14	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-14	Date Collected	: 03/05/25 15:15
Client ID	: 9B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 15:00
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-14	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Lab ID	**: L2512368-14**	**Date Collected**	**: 03/05/25 15:15**
Client ID	**: 9B**	**Date Received**	**: 03/05/25**
Sample Location	**: MIDDLE ISLAND**	**Date Analyzed**	**: 03/14/25 15:00**
Sample Matrix	**: WATER**	**Date Extracted**	**: 03/08/25**
Analytical Method	**: 1,8270E**	**Dilution Factor**	**: 1**
Lab File ID	**: 12368-14**	**Analyst**	**: JG**
Sample Amount	**: 100 ml**	**Instrument ID**	**: SV112**
Extraction Method	**: EPA 3510C**	**GC Column**	**: RTX5-MS**
Extract Volume	**: 1000 uL**	**%Solids**	**: N/A**
GPC Cleanup	**: N**	**Injection Volume**	**: 1 uL**

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Lab ID	**: L2512368-16**	**Date Collected**	**: 03/05/25 12:45**
Client ID	**: 10A**	**Date Received**	**: 03/05/25**
Sample Location	**: MIDDLE ISLAND**	**Date Analyzed**	**: 03/14/25 15:23**
Sample Matrix	**: WATER**	**Date Extracted**	**: 03/08/25**
Analytical Method	**: 1,8270E**	**Dilution Factor**	**: 1**
Lab File ID	**: 12368-16**	**Analyst**	**: JG**
Sample Amount	**: 100 ml**	**Instrument ID**	**: SV112**
Extraction Method	**: EPA 3510C**	**GC Column**	**: RTX5-MS**
Extract Volume	**: 1000 uL**	**%Solids**	**: N/A**
GPC Cleanup	**: N**	**Injection Volume**	**: 1 uL**

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-16	Date Collected	: 03/05/25 12:45
Client ID	: 10A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 15:23
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-16	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-16	Date Collected	: 03/05/25 12:45
Client ID	: 10A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 15:23
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-16	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Lab ID	**: L2512368-17**	**Date Collected**	**: 03/05/25 12:55**
Client ID	**: 10B**	**Date Received**	**: 03/05/25**
Sample Location	**: MIDDLE ISLAND**	**Date Analyzed**	**: 03/14/25 15:45**
Sample Matrix	**: WATER**	**Date Extracted**	**: 03/08/25**
Analytical Method	**: 1,8270E**	**Dilution Factor**	**: 1**
Lab File ID	**: 12368-17**	**Analyst**	**: JG**
Sample Amount	**: 100 ml**	**Instrument ID**	**: SV112**
Extraction Method	**: EPA 3510C**	**GC Column**	**: RTX5-MS**
Extract Volume	**: 1000 uL**	**%Solids**	**: N/A**
GPC Cleanup	**: N**	**Injection Volume**	**: 1 uL**

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-17	Date Collected	: 03/05/25 12:55
Client ID	: 10B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 15:45
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-17	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-17	Date Collected	: 03/05/25 12:55
Client ID	: 10B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 15:45
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-17	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-19	Date Collected	: 03/05/25 00:00
Client ID	: DUP001	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 16:08
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-19	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	ug/L RL	ug/L MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-19	Date Collected	: 03/05/25 00:00
Client ID	: DUP001	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 16:08
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-19	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	1.6	5.0	0.35	J
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-19	Date Collected	: 03/05/25 00:00
Client ID	: DUP001	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/14/25 16:08
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 12368-19	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2038207-1	Date Collected	: NA
Client ID	: WG2038207-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/13/25 13:27
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 038207-1	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.40	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.98	U
118-74-1	Hexachlorobenzene	ND	2.0	0.45	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.35	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.33	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.32	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
206-44-0	Fluoranthene	ND	2.0	0.41	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
87-68-3	Hexachlorobutadiene	ND	2.0	0.36	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
67-72-1	Hexachloroethane	ND	2.0	0.20	U
78-59-1	Isophorone	ND	5.0	0.86	U
91-20-3	Naphthalene	ND	2.0	0.54	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2038207-1	Date Collected	: NA
Client ID	: WG2038207-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/13/25 13:27
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 038207-1	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
56-55-3	Benzo(a)anthracene	ND	2.0	0.32	U
50-32-8	Benzo(a)pyrene	ND	2.0	0.37	U
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.53	U
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.62	U
218-01-9	Chrysene	ND	2.0	0.22	U
208-96-8	Acenaphthylene	ND	2.0	0.32	U
120-12-7	Anthracene	ND	2.0	0.47	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.37	U
86-73-7	Fluorene	ND	2.0	0.44	U
85-01-8	Phenanthrene	ND	2.0	0.42	U
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.29	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.48	U
129-00-0	Pyrene	ND	2.0	0.41	U
92-52-4	Biphenyl	ND	2.0	0.20	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2038207-1	Date Collected	: NA
Client ID	: WG2038207-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/13/25 13:27
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 038207-1	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.37	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
87-86-5	Pentachlorophenol	ND	10	2.5	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2038207-1	Date Collected	: NA
Client ID	: WG2038207-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/13/25 13:27
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 038207-1	Analyst	: JG
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.38	U
86-74-8	Carbazole	ND	2.0	0.31	U

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVTn\
Data File : 12368-04.D
Acq On    : 14 Mar 2025   7:25 am
Operator  : SV106:slr
Sample    : L2512368-04,32,,ASK
Misc      : WG2040337,WG2038207,ical22075
ALS Vial  : 27   Sample Multiplier: 1

Quant Time: Mar 14 08:35:24 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 21:18:16 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVTn\ABN0313n.D
             : 2 - I:\8270\SV106\250313RVTn\ADP0313n.D
             : 3 - I:\8270\SV106\250313RVTn\AP90313n.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
  1) IS1_1,4-Dichlorobenzen...   6.351  152     78581     4.000 ug/ml    0.00
     Standard Area 1 = 59958                Recovery   =  131.06%
 27) IS2_1,4-Dichlorobenzen...   6.351  152     78581     4.000 ug/ml    0.00
     Standard Area 3 = 63907                Recovery   =  122.96%
 35) IS1_Naphthalene-d8          7.783  136    295501     4.000 ug/ml  # 0.00
     Standard Area 1 = 224636                Recovery   =  131.55%
 55) IS2_Naphthalene-d8          7.783  136    295501     4.000 ug/ml  # 0.00
     Standard Area 3 = 231284                Recovery   =  127.77%
 63) IS1_Acenaphthene-d10        9.550  164    183013     4.000 ug/ml    0.00
     Standard Area 1 = 137525                Recovery   =  133.08%
 83) IS2_Acenaphthene-d10        9.550  164    183013     4.000 ug/ml    0.00
     Standard Area 3 = 147221                Recovery   =  124.31%
 86) IS3_Acenaphthene-d10        9.550  164    183013     4.000 ug/ml    0.00
     Standard Area 2 = 134590                Recovery   =  135.98%
 88) IS1_Phenanthrene-d10       10.988  188    364902     4.000 ug/ml  # 0.00
     Standard Area 1 = 261397                Recovery   =  139.60%
100) IS3_Phenanthrene-d10       10.988  188    364902     4.000 ug/ml  # 0.00
     Standard Area 2 = 281638                Recovery   =  129.56%
104) IS1_Chrysene-d12           13.617  240    366691     4.000 ug/ml    0.00
     Standard Area 1 = 280722                Recovery   =  130.62%
113) IS1_Perylene-d12           15.079  264    398510     4.000 ug/ml    0.00
     Standard Area 1 = 286304                Recovery   =  139.19%

 System Monitoring Compounds
  4) 2-Fluorophenol              4.377  112     10560     0.476 ug/ml   0.00
     Spiked Amount     2.000   Range  15 - 110    Recovery   =   23.80%
  7) Phenol-d6                   5.985   99      9731     0.374 ug/ml   0.00
     Spiked Amount     2.000   Range  15 - 110    Recovery   =   18.70%
 19) Nitrobenzene-d5             7.017   82     14804     0.688 ug/ml   0.00
     Spiked Amount     1.000   Range  30 - 130    Recovery   =   68.80%
 46) 2-Fluorobiphenyl            8.911  172     44420     0.651 ug/ml   0.00
     Spiked Amount     1.000   Range  30 - 130    Recovery   =   65.10%
 79) 2,4,6-Tribromophenol       10.321  330      6996     0.743 ug/ml   0.00
     Spiked Amount     2.000   Range  15 - 110    Recovery   =   37.15%
 96) 4-Terphenyl-d14            12.576  244     67017     0.708 ug/ml   0.00
     Spiked Amount     1.000   Range  30 - 130    Recovery   =   70.80%
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVTn\
Data File : 12368-04.D
Acq On : 14 Mar 2025 7:25 am
Operator : SV106:slr
Sample : L2512368-04,32,,ASK
Misc : WG2040337,WG2038207,ical22075
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 14 08:35:24 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 21:18:16 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVTn\ABN0313n.D
: 2 - I:\8270\SV106\250313RVTn\ADP0313n.D
: 3 - I:\8270\SV106\250313RVTn\AP90313n.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D. d	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D. d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
37) Benzoic Acid	0.000		0	N.D.	
38) 4-Chloroaniline	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D.	
53) 2,6-Dinitrotoluene	0.000		0	N.D. d	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	0.000		0	N.D.	
68) 2,4-Dinitrotoluene	0.000		0	N.D. d	
69) 4-Nitrophenol	0.000		0	N.D.	
72) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVTn\
Data File : 12368-04.D
Acq On : 14 Mar 2025 7:25 am
Operator : SV106:slr
Sample : L2512368-04,32,,ASK
Misc : WG2040337,WG2038207,ical22075
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 14 08:35:24 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 21:18:16 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVTn\ABN0313n.D
: 2 - I:\8270\SV106\250313RVTn\ADP0313n.D
: 3 - I:\8270\SV106\250313RVTn\AP90313n.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
91) Carbazole	0.000		0	N.D.	
92) Di-n-butylphthalate	0.000		0	N.D. d	
97) Butyl benzyl phthalate	0.000		0	N.D.	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
108) Bis(2-ethylhexyl)phtha...	13.736	149	1593	0.196 ug/ml#	52
109) Di-n-octylphthalate	0.000		0	N.D. d	

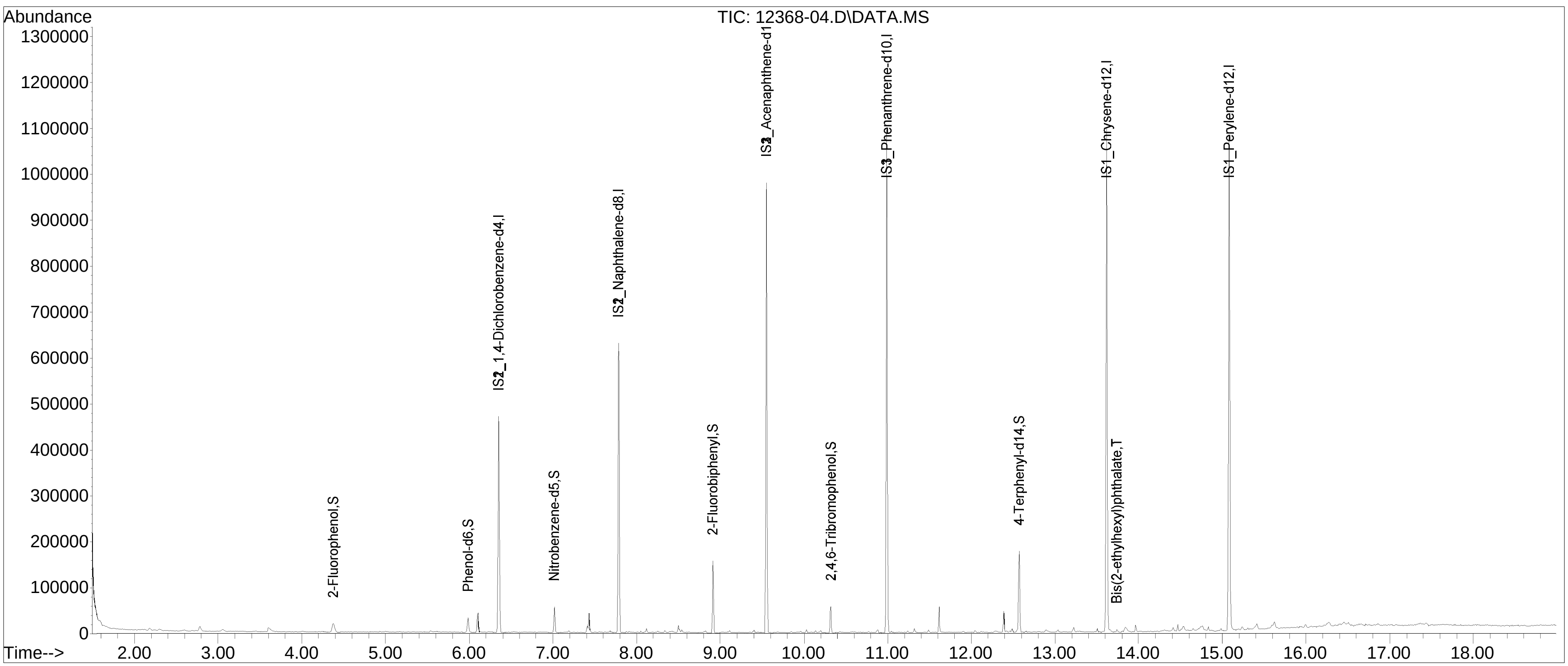
(#) = qualifier out of range (m) = manual integration (+) = signals summed

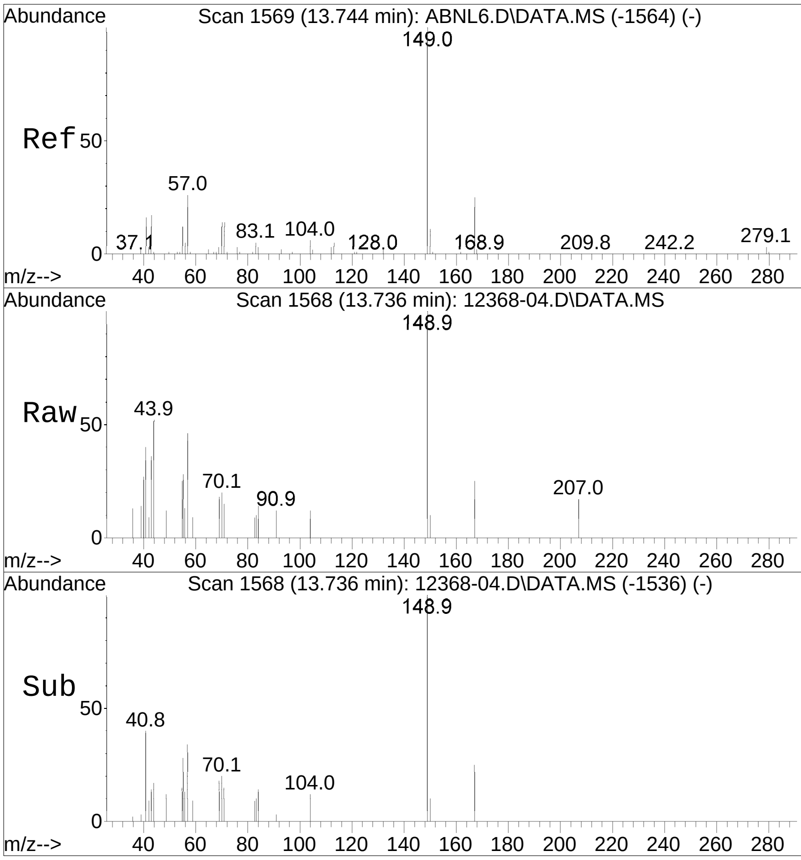
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVTn\
Data File : 12368-04.D
Acq On : 14 Mar 2025 7:25 am
Operator : SV106:slr
Sample : L2512368-04,32,,ASK
Misc : WG2040337,WG2038207,ical22075
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 14 08:35:24 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 21:18:16 2025
Response via : Initial Calibration

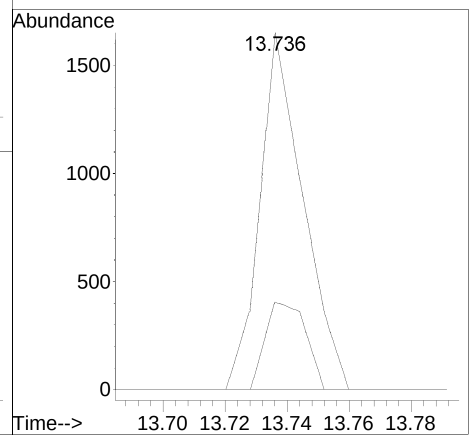
Sub List : 8270TCL_combo_REV1 - TCL/CT/MAP90313n.D•





#108
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ug/ml
RT: 13.736 min Scan# 1568
Delta R.T. 0.000 min
Lab File: 12368-04.D
Acq: 14 Mar 2025 7:25 am

Tgt Ion:149	Resp:		1593
Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

```
Data Path   : I:\8270\SV106\250313RVTn\ QMethod     : FS250311SV106.m
Data File   : 12368-04.D                Operator    : SV106:slr
Date Inj'd  : 3/14/2025  7:25 am        Instrument  : SV 106
Sample      : L2512368-04,32,,ASK       Quant Date  : 3/14/2025  7:45 am
```

There are no manual integrations or false positives in this file.

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-01.D
Acq On    : 14 Mar 2025  10:20 am
Operator  : Dakota:smz
Sample    : L2512368-01,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 14 12:01:02 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
--------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.280  152     21631     4.000 ug/ml    0.00
   Standard Area 1 = 21719                 Recovery   =   99.59%
27) IS2_1,4-Dichlorobenzen...   4.280  152     21631     4.000 ug/ml    0.00
   Standard Area 3 = 21435                 Recovery   =  100.91%
37) IS1_Naphthalene-d8          5.520  136     85926     4.000 ug/ml    0.00
   Standard Area 1 = 84947                 Recovery   =  101.15%
57) IS2_Naphthalene-d8          5.520  136     85926     4.000 ug/ml    0.00
   Standard Area 3 = 81068                 Recovery   =  105.99%
65) IS1_Acenaphthene-d10        7.211  164     56740     4.000 ug/ml    0.00
   Standard Area 1 = 58301                 Recovery   =   97.32%
85) IS2_Acenaphthene-d10        7.211  164     56740     4.000 ug/ml    0.00
   Standard Area 3 = 54251                 Recovery   =  104.59%
88) IS3_Acenaphthene-d10        7.211  164     56740     4.000 ug/ml    0.00
   Standard Area 2 = 54233                 Recovery   =  104.62%
90) IS1_Phenanthrene-d10        8.628  188    128993     4.000 ug/ml    0.00
   Standard Area 1 = 128488                 Recovery   =  100.39%
102) IS3_Phenanthrene-d10       8.628  188    128993     4.000 ug/ml    0.00
   Standard Area 2 = 123626                 Recovery   =  104.34%
106) IS1_Chrysene-d12          11.199  240    150998     4.000 ug/ml    0.00
   Standard Area 1 = 158360                 Recovery   =   95.35%
115) IS1_Perylene-d12          12.622  264    186683     4.000 ug/ml    0.00
   Standard Area 1 = 188902                 Recovery   =   98.83%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.006  112      2696     0.485 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   24.25%
 7) Phenol-d6                   4.003   99      3019     0.424 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   21.20%
19) Nitrobenzene-d5             4.833   82      5166     0.799 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   79.90%
48) 2-Fluorobiphenyl            6.592  172     15438     0.726 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   72.60%
81) 2,4,6-Tribromophenol        7.972  330      2907     0.717 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   35.85%
98) 4-Terphenyl-d14            10.195  244     30216     0.810 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   81.00%
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-01.D
Acq On : 14 Mar 2025 10:20 am
Operator : Dakota:smz
Sample : L2512368-01,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 14 12:01:02 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene	0.000		0	N.D.		
12) 1,2-Dichlorobenzene	0.000		0	N.D.		
13) Benzyl alcohol	0.000		0	N.D. d		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d		
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
39) Benzoic Acid	0.000		0	N.D.		
40) 4-Chloroaniline	0.000		0	N.D.		
42) p-Chloro-m-cresol	0.000		0	N.D.		
45) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2,4,6-Trichlorophenol	0.000		0	N.D.		
47) 2,4,5-Trichlorophenol	0.000		0	N.D.		
50) 2-Nitroaniline	0.000		0	N.D.		
53) Dimethyl phthalate	0.000		0	N.D. d		
55) 2,6-Dinitrotoluene	0.000		0	N.D. d		
63) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
64) Biphenyl	0.000		0	N.D.		
66) 3-Nitroaniline	0.000		0	N.D.		
68) 2,4-Dinitrophenol	0.000		0	N.D.		
69) Dibenzofuran	0.000		0	N.D.		
70) 2,4-Dinitrotoluene	0.000		0	N.D. d		
71) 4-Nitrophenol	0.000		0	N.D.		
74) Diethyl phthalate	0.000		0	N.D.		

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-01.D
Acq On   : 14 Mar 2025 10:20 am
Operator : Dakota:smz
Sample   : L2512368-01,32,,gmr
Misc   : WG2040571,WG2038207,ical21680
ALS Vial : 1   Sample Multiplier: 1

Quant Time: Mar 14 12:01:02 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List   : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
77) 4-Nitroaniline	0.000		0	N.D.	
78) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
79) NDPA/DPA	0.000		0	N.D.	
82) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
93) Carbazole	0.000		0	N.D.	
94) Di-n-butylphthalate	0.000		0	N.D. d	
99) Butyl benzyl phthalate	0.000		0	N.D.	
108) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
110) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d	
111) Di-n-octylphthalate	0.000		0	N.D. d	

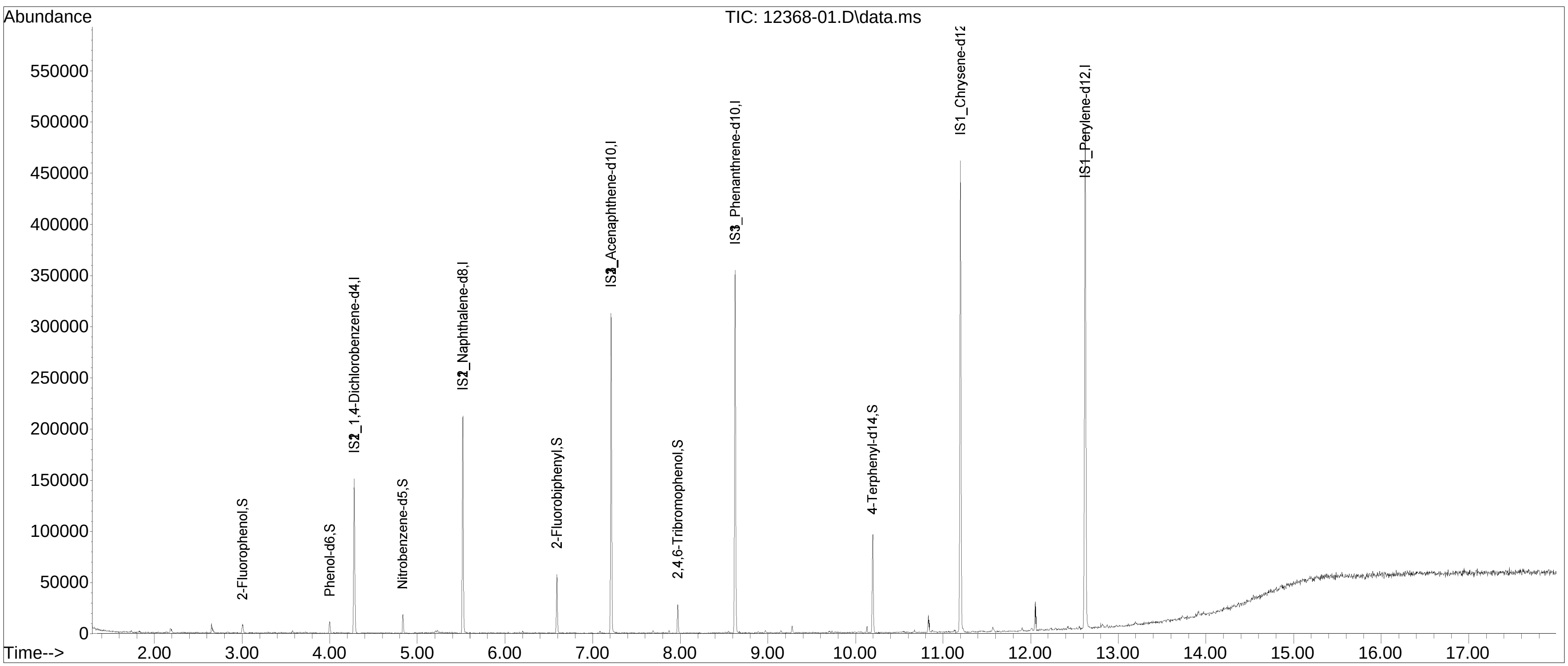
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-01.D
Acq On : 14 Mar 2025 10:20 am
Operator : Dakota:smz
Sample : L2512368-01,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 14 12:01:02 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MAP90314.D•



Manual Integration Report

Data Path	: I:\8270\Dakota\250314RVT\	QMethod	: FS241105RVT_Dakota.m
Data File	: 12368-01.D	Operator	: Dakota:smz
Date Inj'd	: 3/14/2025 10:20 am	Instrument	: Dakota
Sample	: L2512368-01,32,,gmr	Quant Date	: 3/14/2025 10:38 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-02.D
Acq On : 14 Mar 2025 10:42 am
Operator : Dakota:smz
Sample : L2512368-02,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 12:01:23 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.280	152	22731	4.000 ug/ml	0.00
Standard Area 1 = 21719			Recovery =	104.66%	
27) IS2_1,4-Dichlorobenzen...	4.280	152	22731	4.000 ug/ml	0.00
Standard Area 3 = 21435			Recovery =	106.05%	
37) IS1_Naphthalene-d8	5.520	136	91290	4.000 ug/ml	# 0.00
Standard Area 1 = 84947			Recovery =	107.47%	
57) IS2_Naphthalene-d8	5.520	136	91290	4.000 ug/ml	# 0.00
Standard Area 3 = 81068			Recovery =	112.61%	
65) IS1_Acenaphthene-d10	7.211	164	61269	4.000 ug/ml	0.00
Standard Area 1 = 58301			Recovery =	105.09%	
85) IS2_Acenaphthene-d10	7.211	164	61269	4.000 ug/ml	0.00
Standard Area 3 = 54251			Recovery =	112.94%	
88) IS3_Acenaphthene-d10	7.211	164	61269	4.000 ug/ml	0.00
Standard Area 2 = 54233			Recovery =	112.97%	
90) IS1_Phenanthrene-d10	8.628	188	138464	4.000 ug/ml	0.00
Standard Area 1 = 128488			Recovery =	107.76%	
102) IS3_Phenanthrene-d10	8.628	188	138464	4.000 ug/ml	0.00
Standard Area 2 = 123626			Recovery =	112.00%	
106) IS1_Chrysene-d12	11.198	240	161768	4.000 ug/ml	0.00
Standard Area 1 = 158360			Recovery =	102.15%	
115) IS1_Perylene-d12	12.622	264	196284	4.000 ug/ml	0.00
Standard Area 1 = 188902			Recovery =	103.91%	
System Monitoring Compounds					
4) 2-Fluorophenol	3.006	112	3059	0.523 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	26.15%	
7) Phenol-d6	4.000	99	3394	0.453 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	22.65%	
19) Nitrobenzene-d5	4.836	82	5953	0.877 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	87.70%	
48) 2-Fluorobiphenyl	6.592	172	15608	0.691 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	69.10%	
81) 2,4,6-Tribromophenol	7.972	330	3253	0.743 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	37.15%	
98) 4-Terphenyl-d14	10.195	244	29564	0.738 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	73.80%	

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-02.D
Acq On    : 14 Mar 2025  10:42 am
Operator  : Dakota:smz
Sample    : L2512368-02,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 14 12:01:23 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D.	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D. d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
39) Benzoic Acid	0.000		0	N.D.	
40) 4-Chloroaniline	0.000		0	N.D.	
42) p-Chloro-m-cresol	0.000		0	N.D.	
45) Hexachlorocyclopentadiene	0.000		0	N.D.	
46) 2,4,6-Trichlorophenol	0.000		0	N.D.	
47) 2,4,5-Trichlorophenol	0.000		0	N.D.	
50) 2-Nitroaniline	0.000		0	N.D.	
53) Dimethyl phthalate	0.000		0	N.D. d	
55) 2,6-Dinitrotoluene	0.000		0	N.D. d	
63) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
64) Biphenyl	0.000		0	N.D.	
66) 3-Nitroaniline	0.000		0	N.D.	
68) 2,4-Dinitrophenol	0.000		0	N.D.	
69) Dibenzofuran	0.000		0	N.D.	
70) 2,4-Dinitrotoluene	0.000		0	N.D. d	
71) 4-Nitrophenol	0.000		0	N.D.	
74) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-02.D
Acq On : 14 Mar 2025 10:42 am
Operator : Dakota:smz
Sample : L2512368-02,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 12:01:23 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76)	4-Chlorophenyl phenyl ...	0.000		0	N.D.	
77)	4-Nitroaniline	0.000		0	N.D.	
78)	4,6-Dinitro-o-cresol	0.000		0	N.D.	
79)	NDPA/DPA	0.000		0	N.D.	
82)	4-Bromophenyl phenyl e...	0.000		0	N.D.	
93)	Carbazole	0.000		0	N.D.	
94)	Di-n-butylphthalate	0.000		0	N.D.	
99)	Butyl benzyl phthalate	0.000		0	N.D.	
108)	3,3'-Dichlorobenzidine	0.000		0	N.D.	
110)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d	
111)	Di-n-octylphthalate	0.000		0	N.D. d	

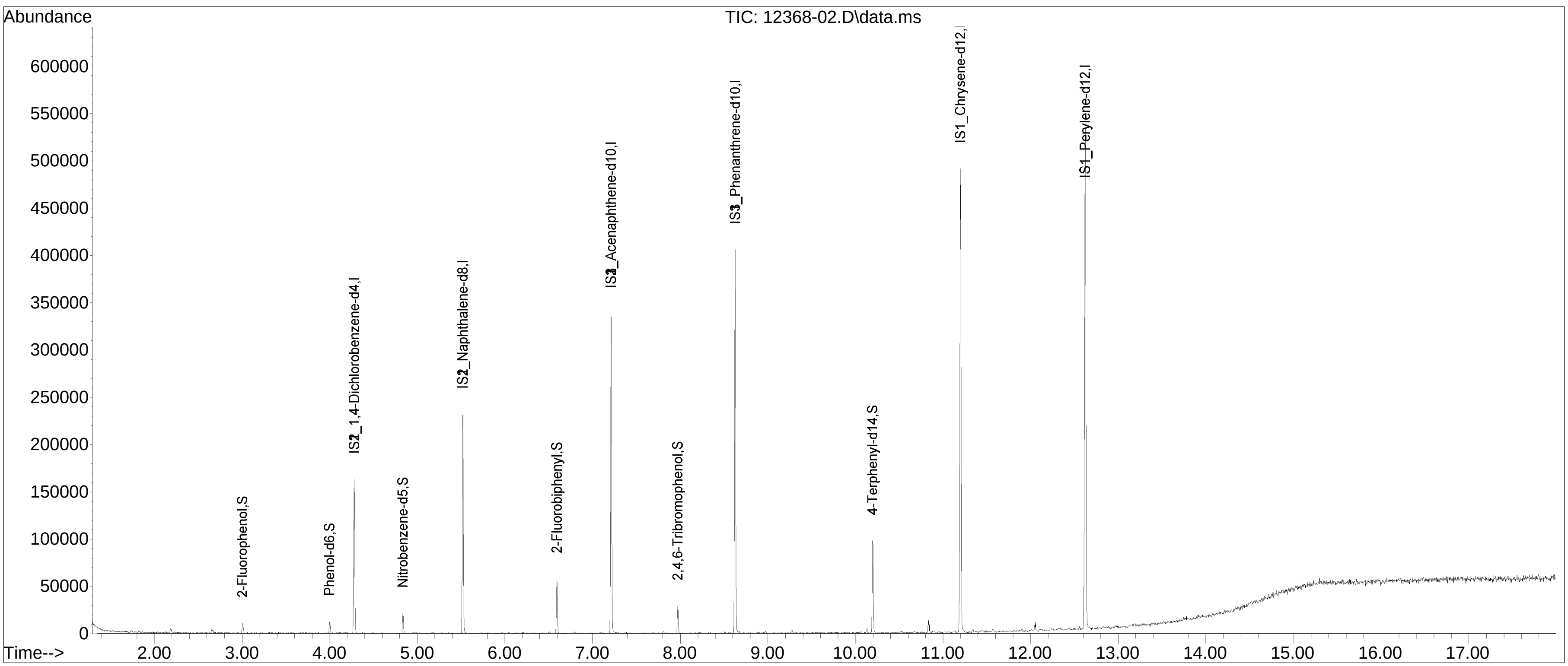
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-02.D
Acq On : 14 Mar 2025 10:42 am
Operator : Dakota:smz
Sample : L2512368-02,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 12:01:23 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MAP90314.D•



Manual Integration Report

Data Path	: I:\8270\Dakota\250314RVT\	QMethod	: FS241105RVT_Dakota.m
Data File	: 12368-02.D	Operator	: Dakota:smz
Date Inj'd	: 3/14/2025 10:42 am	Instrument	: Dakota
Sample	: L2512368-02,32,,gmr	Quant Date	: 3/14/2025 11:01 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-05.D
Acq On    : 14 Mar 2025  11:05 am
Operator  : Dakota:smz
Sample    : L2512368-05,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Mar 14 12:01:39 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.280  152     21564     4.000 ug/ml    0.00
    Standard Area 1 = 21719                 Recovery   =   99.29%
27) IS2_1,4-Dichlorobenzen...   4.280  152     21564     4.000 ug/ml    0.00
    Standard Area 3 = 21435                 Recovery   =  100.60%
37) IS1_Naphthalene-d8          5.520  136     82695     4.000 ug/ml  # 0.00
    Standard Area 1 = 84947                 Recovery   =   97.35%
57) IS2_Naphthalene-d8          5.520  136     82695     4.000 ug/ml  # 0.00
    Standard Area 3 = 81068                 Recovery   =  102.01%
65) IS1_Acenaphthene-d10        7.211  164     55024     4.000 ug/ml    0.00
    Standard Area 1 = 58301                 Recovery   =   94.38%
85) IS2_Acenaphthene-d10        7.211  164     55024     4.000 ug/ml    0.00
    Standard Area 3 = 54251                 Recovery   =  101.42%
88) IS3_Acenaphthene-d10        7.211  164     55024     4.000 ug/ml    0.00
    Standard Area 2 = 54233                 Recovery   =  101.46%
90) IS1_Phenanthrene-d10        8.625  188    129900     4.000 ug/ml    0.00
    Standard Area 1 = 128488                 Recovery   =  101.10%
102) IS3_Phenanthrene-d10       8.625  188    129900     4.000 ug/ml    0.00
    Standard Area 2 = 123626                 Recovery   =  105.07%
106) IS1_Chrysene-d12          11.199  240    160731     4.000 ug/ml    0.00
    Standard Area 1 = 158360                 Recovery   =  101.50%
115) IS1_Perylene-d12          12.622  264    188466     4.000 ug/ml    0.00
    Standard Area 1 = 188902                 Recovery   =   99.77%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.009  112      2671     0.482 ug/ml   0.00
    Spiked Amount     2.000   Range  15 - 110    Recovery   =   24.10%
 7) Phenol-d6                   4.000   99      2629     0.370 ug/ml   0.00
    Spiked Amount     2.000   Range  15 - 110    Recovery   =   18.50%
19) Nitrobenzene-d5             4.836   82      4877     0.757 ug/ml   0.00
    Spiked Amount     1.000   Range  30 - 130    Recovery   =   75.70%
48) 2-Fluorobiphenyl            6.592  172     14277     0.698 ug/ml   0.00
    Spiked Amount     1.000   Range  30 - 130    Recovery   =   69.80%
81) 2,4,6-Tribromophenol        7.972  330      3556     0.904 ug/ml   0.00
    Spiked Amount     2.000   Range  15 - 110    Recovery   =   45.20%
98) 4-Terphenyl-d14            10.198  244     29268     0.779 ug/ml   0.00
    Spiked Amount     1.000   Range  30 - 130    Recovery   =   77.90%
```

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-05.D
Acq On    : 14 Mar 2025  11:05 am
Operator  : Dakota:smz
Sample    : L2512368-05,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Mar 14 12:01:39 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D.	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
39) Benzoic Acid	0.000		0	N.D.	
40) 4-Chloroaniline	0.000		0	N.D.	
42) p-Chloro-m-cresol	0.000		0	N.D.	
45) Hexachlorocyclopentadiene	0.000		0	N.D.	
46) 2,4,6-Trichlorophenol	0.000		0	N.D.	
47) 2,4,5-Trichlorophenol	0.000		0	N.D.	
50) 2-Nitroaniline	0.000		0	N.D.	
53) Dimethyl phthalate	0.000		0	N.D. d	
55) 2,6-Dinitrotoluene	0.000		0	N.D. d	
63) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
64) Biphenyl	0.000		0	N.D.	
66) 3-Nitroaniline	0.000		0	N.D.	
68) 2,4-Dinitrophenol	0.000		0	N.D.	
69) Dibenzofuran	0.000		0	N.D.	
70) 2,4-Dinitrotoluene	0.000		0	N.D. d	
71) 4-Nitrophenol	0.000		0	N.D.	
74) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-05.D
Acq On : 14 Mar 2025 11:05 am
Operator : Dakota:smz
Sample : L2512368-05,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 14 12:01:39 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
77) 4-Nitroaniline	0.000		0	N.D.	
78) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
79) NDPA/DPA	0.000		0	N.D.	
82) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
93) Carbazole	0.000		0	N.D.	
94) Di-n-butylphthalate	0.000		0	N.D.	
99) Butyl benzyl phthalate	0.000		0	N.D.	
108) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
110) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d	
111) Di-n-octylphthalate	0.000		0	N.D. d	

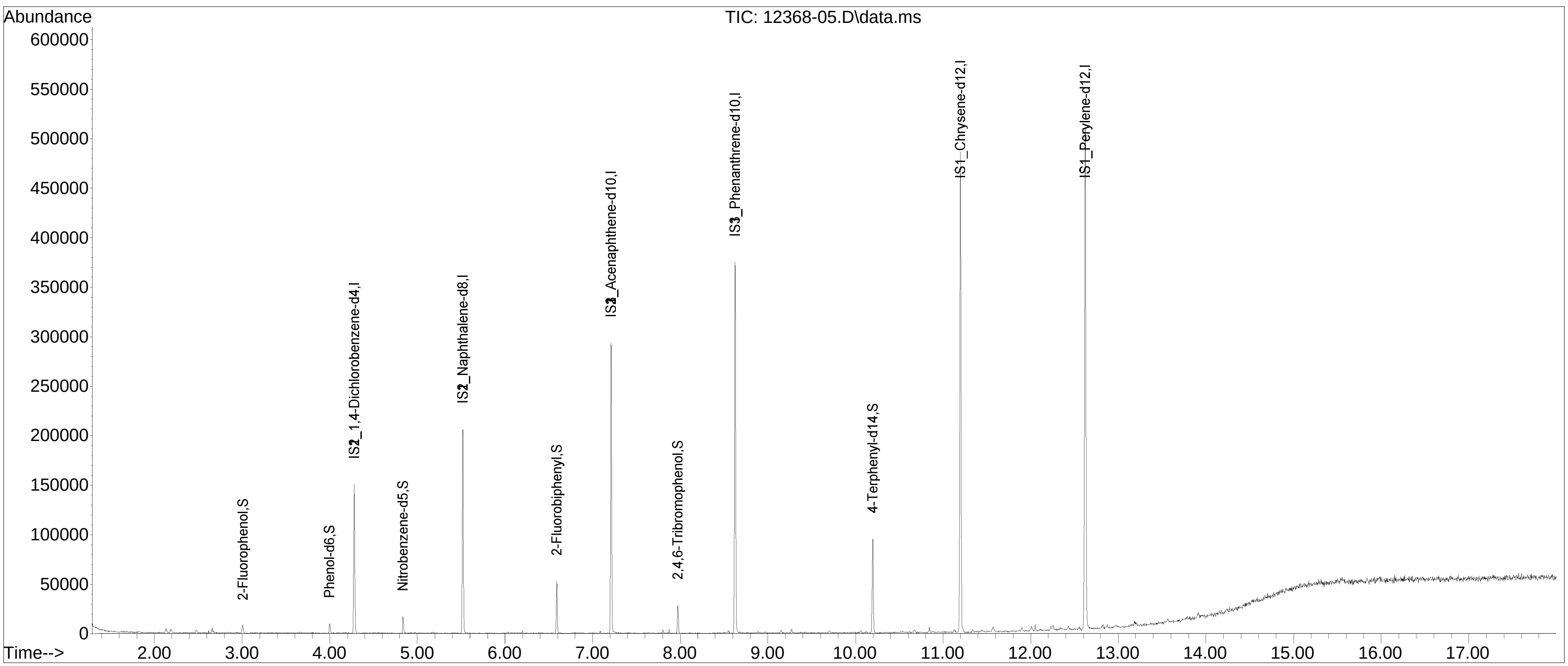
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-05.D
Acq On : 14 Mar 2025 11:05 am
Operator : Dakota:smz
Sample : L2512368-05,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 14 12:01:39 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MAP90314.D•



Manual Integration Report

Data Path	: I:\8270\Dakota\250314RVT\	QMethod	: FS241105RVT_Dakota.m
Data File	: 12368-05.D	Operator	: Dakota:smz
Date Inj'd	: 3/14/2025 11:05 am	Instrument	: Dakota
Sample	: L2512368-05,32,,gmr	Quant Date	: 3/14/2025 11:23 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-07.D
Acq On    : 14 Mar 2025  11:27 am
Operator  : Dakota:smz
Sample    : L2512368-07,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 14 12:02:49 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ----------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.280  152     22341     4.000 ug/ml    0.00
    Standard Area 1 = 21719                 Recovery   =  102.86%
27) IS2_1,4-Dichlorobenzen...   4.280  152     22341     4.000 ug/ml    0.00
    Standard Area 3 = 21435                 Recovery   =  104.23%
37) IS1_Naphthalene-d8          5.517  136     86303     4.000 ug/ml    0.00
    Standard Area 1 = 84947                 Recovery   =  101.60%
57) IS2_Naphthalene-d8          5.517  136     86303     4.000 ug/ml    0.00
    Standard Area 3 = 81068                 Recovery   =  106.46%
65) IS1_Acenaphthene-d10        7.211  164     58950     4.000 ug/ml    0.00
    Standard Area 1 = 58301                 Recovery   =  101.11%
85) IS2_Acenaphthene-d10        7.211  164     58950     4.000 ug/ml    0.00
    Standard Area 3 = 54251                 Recovery   =  108.66%
88) IS3_Acenaphthene-d10        7.211  164     58950     4.000 ug/ml    0.00
    Standard Area 2 = 54233                 Recovery   =  108.70%
90) IS1_Phenanthrene-d10        8.625  188    133464     4.000 ug/ml    0.00
    Standard Area 1 = 128488                 Recovery   =  103.87%
102) IS3_Phenanthrene-d10       8.625  188    133464     4.000 ug/ml    0.00
    Standard Area 2 = 123626                 Recovery   =  107.96%
106) IS1_Chrysene-d12          11.199  240    157505     4.000 ug/ml    0.00
    Standard Area 1 = 158360                 Recovery   =   99.46%
115) IS1_Perylene-d12          12.622  264    185300     4.000 ug/ml    0.00
    Standard Area 1 = 188902                 Recovery   =   98.09%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.006  112      3956     0.689 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   34.45%
 7) Phenol-d6                   3.997   99      3398     0.462 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   23.10%
19) Nitrobenzene-d5             4.836   82      5464     0.819 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   81.90%
48) 2-Fluorobiphenyl            6.592  172     16257     0.761 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   76.10%
81) 2,4,6-Tribromophenol        7.972  330      4692     1.114 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   55.70%
98) 4-Terphenyl-d14            10.195  244     29395     0.761 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   76.10%
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-07.D
Acq On   : 14 Mar 2025 11:27 am
Operator : Dakota:smz
Sample   : L2512368-07,32,,gmr
Misc   : WG2040571,WG2038207,ical21680
ALS Vial : 4   Sample Multiplier: 1

Quant Time: Mar 14 12:02:49 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List   : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D.	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D. d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
39) Benzoic Acid	0.000		0	N.D.	
40) 4-Chloroaniline	0.000		0	N.D.	
42) p-Chloro-m-cresol	0.000		0	N.D.	
45) Hexachlorocyclopentadiene	0.000		0	N.D.	
46) 2,4,6-Trichlorophenol	0.000		0	N.D.	
47) 2,4,5-Trichlorophenol	0.000		0	N.D.	
50) 2-Nitroaniline	0.000		0	N.D.	
53) Dimethyl phthalate	0.000		0	N.D. d	
55) 2,6-Dinitrotoluene	0.000		0	N.D. d	
63) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
64) Biphenyl	0.000		0	N.D.	
66) 3-Nitroaniline	0.000		0	N.D.	
68) 2,4-Dinitrophenol	0.000		0	N.D.	
69) Dibenzofuran	0.000		0	N.D.	
70) 2,4-Dinitrotoluene	0.000		0	N.D. d	
71) 4-Nitrophenol	0.000		0	N.D.	
74) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-07.D
Acq On : 14 Mar 2025 11:27 am
Operator : Dakota:smz
Sample : L2512368-07,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 14 12:02:49 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76)	4-Chlorophenyl phenyl ...	0.000		0	N.D.	
77)	4-Nitroaniline	0.000		0	N.D.	
78)	4,6-Dinitro-o-cresol	0.000		0	N.D.	
79)	NDPA/DPA	0.000		0	N.D.	
82)	4-Bromophenyl phenyl e...	0.000		0	N.D.	
93)	Carbazole	0.000		0	N.D.	
94)	Di-n-butylphthalate	0.000		0	N.D.	
99)	Butyl benzyl phthalate	0.000		0	N.D.	
108)	3,3'-Dichlorobenzidine	0.000		0	N.D.	
110)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	
111)	Di-n-octylphthalate	0.000		0	N.D. d	

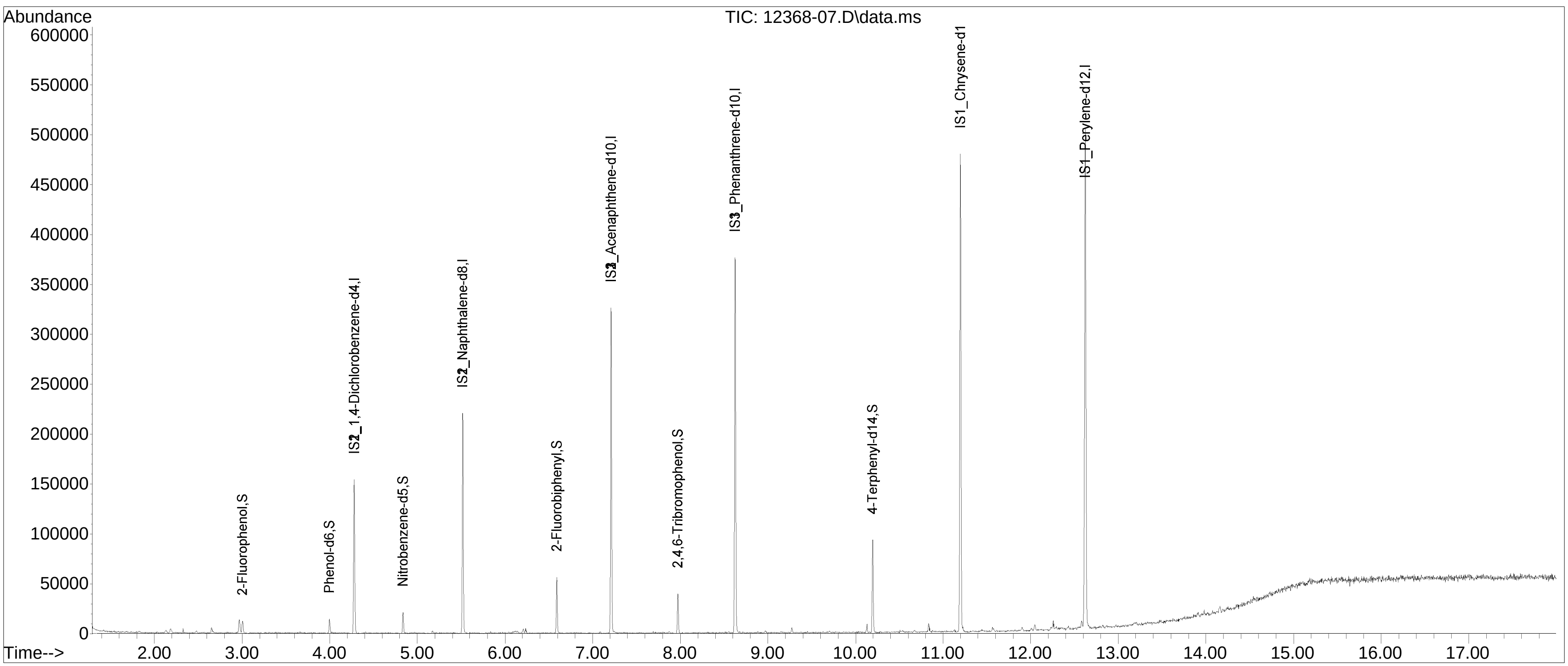
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-07.D
Acq On : 14 Mar 2025 11:27 am
Operator : Dakota:smz
Sample : L2512368-07,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 14 12:02:49 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:31 2025
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MAP90314.D•



Manual Integration Report

Data Path	: I:\8270\Dakota\250314RVT\	QMethod	: FS241105RVT_Dakota.m
Data File	: 12368-07.D	Operator	: Dakota:smz
Date Inj'd	: 3/14/2025 11:27 am	Instrument	: Dakota
Sample	: L2512368-07,32,,gmr	Quant Date	: 3/14/2025 11:46 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-08.D
Acq On    : 14 Mar 2025  11:50 am
Operator  : Dakota:smz
Sample    : L2512368-08,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Mar 14 12:12:24 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.280  152     22441     4.000 ug/ml    0.00
   Standard Area 1 = 21719                 Recovery   =  103.32%
27) IS2_1,4-Dichlorobenzen...   4.280  152     22441     4.000 ug/ml    0.00
   Standard Area 3 = 21435                 Recovery   =  104.69%
37) IS1_Naphthalene-d8          5.520  136     85705     4.000 ug/ml  # 0.00
   Standard Area 1 = 84947                 Recovery   =  100.89%
57) IS2_Naphthalene-d8          5.520  136     85705     4.000 ug/ml  # 0.00
   Standard Area 3 = 81068                 Recovery   =  105.72%
65) IS1_Acenaphthene-d10        7.211  164     56731     4.000 ug/ml    0.00
   Standard Area 1 = 58301                 Recovery   =   97.31%
85) IS2_Acenaphthene-d10        7.211  164     56731     4.000 ug/ml    0.00
   Standard Area 3 = 54251                 Recovery   =  104.57%
88) IS3_Acenaphthene-d10        7.211  164     56731     4.000 ug/ml    0.00
   Standard Area 2 = 54233                 Recovery   =  104.61%
90) IS1_Phenanthrene-d10        8.625  188    132051     4.000 ug/ml    0.00
   Standard Area 1 = 128488                 Recovery   =  102.77%
102) IS3_Phenanthrene-d10       8.625  188    132051     4.000 ug/ml    0.00
   Standard Area 2 = 123626                 Recovery   =  106.81%
106) IS1_Chrysene-d12          11.199  240    158026     4.000 ug/ml    0.00
   Standard Area 1 = 158360                 Recovery   =   99.79%
115) IS1_Perylene-d12          12.619  264    190824     4.000 ug/ml    0.00
   Standard Area 1 = 188902                 Recovery   =  101.02%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.006  112      1325     0.230 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   11.50%#
 7) Phenol-d6                   4.000   99      2049     0.277 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   13.85%#
19) Nitrobenzene-d5             4.836   82      4908     0.732 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   73.20%
48) 2-Fluorobiphenyl            6.592  172     14707     0.693 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   69.30%
81) 2,4,6-Tribromophenol        7.972  330      1726     0.426 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   21.30%
98) 4-Terphenyl-d14            10.195  244     29030     0.760 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   76.00%
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-08.D
Acq On : 14 Mar 2025 11:50 am
Operator : Dakota:smz
Sample : L2512368-08,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 14 12:12:24 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D.	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
39) Benzoic Acid	0.000		0	N.D.	
40) 4-Chloroaniline	0.000		0	N.D.	
42) p-Chloro-m-cresol	0.000		0	N.D.	
45) Hexachlorocyclopentadiene	0.000		0	N.D.	
46) 2,4,6-Trichlorophenol	0.000		0	N.D.	
47) 2,4,5-Trichlorophenol	0.000		0	N.D.	
50) 2-Nitroaniline	0.000		0	N.D.	
53) Dimethyl phthalate	0.000		0	N.D. d	
55) 2,6-Dinitrotoluene	0.000		0	N.D. d	
63) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
64) Biphenyl	0.000		0	N.D.	
66) 3-Nitroaniline	0.000		0	N.D.	
68) 2,4-Dinitrophenol	0.000		0	N.D.	
69) Dibenzofuran	0.000		0	N.D.	
70) 2,4-Dinitrotoluene	0.000		0	N.D. d	
71) 4-Nitrophenol	0.000		0	N.D.	
74) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-08.D
Acq On   : 14 Mar 2025 11:50 am
Operator : Dakota:smz
Sample   : L2512368-08,32,,gmr
Misc   : WG2040571,WG2038207,ical21680
ALS Vial : 5   Sample Multiplier: 1

Quant Time: Mar 14 12:12:24 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List   : 8270TCL_combo_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76)	4-Chlorophenyl phenyl ...	0.000		0	N.D.	
77)	4-Nitroaniline	0.000		0	N.D.	
78)	4,6-Dinitro-o-cresol	0.000		0	N.D.	
79)	NDPA/DPA	0.000		0	N.D.	
82)	4-Bromophenyl phenyl e...	0.000		0	N.D.	
93)	Carbazole	0.000		0	N.D.	
94)	Di-n-butylphthalate	0.000		0	N.D.	
99)	Butyl benzyl phthalate	0.000		0	N.D.	
108)	3,3'-Dichlorobenzidine	0.000		0	N.D.	
110)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d	
111)	Di-n-octylphthalate	0.000		0	N.D. d	

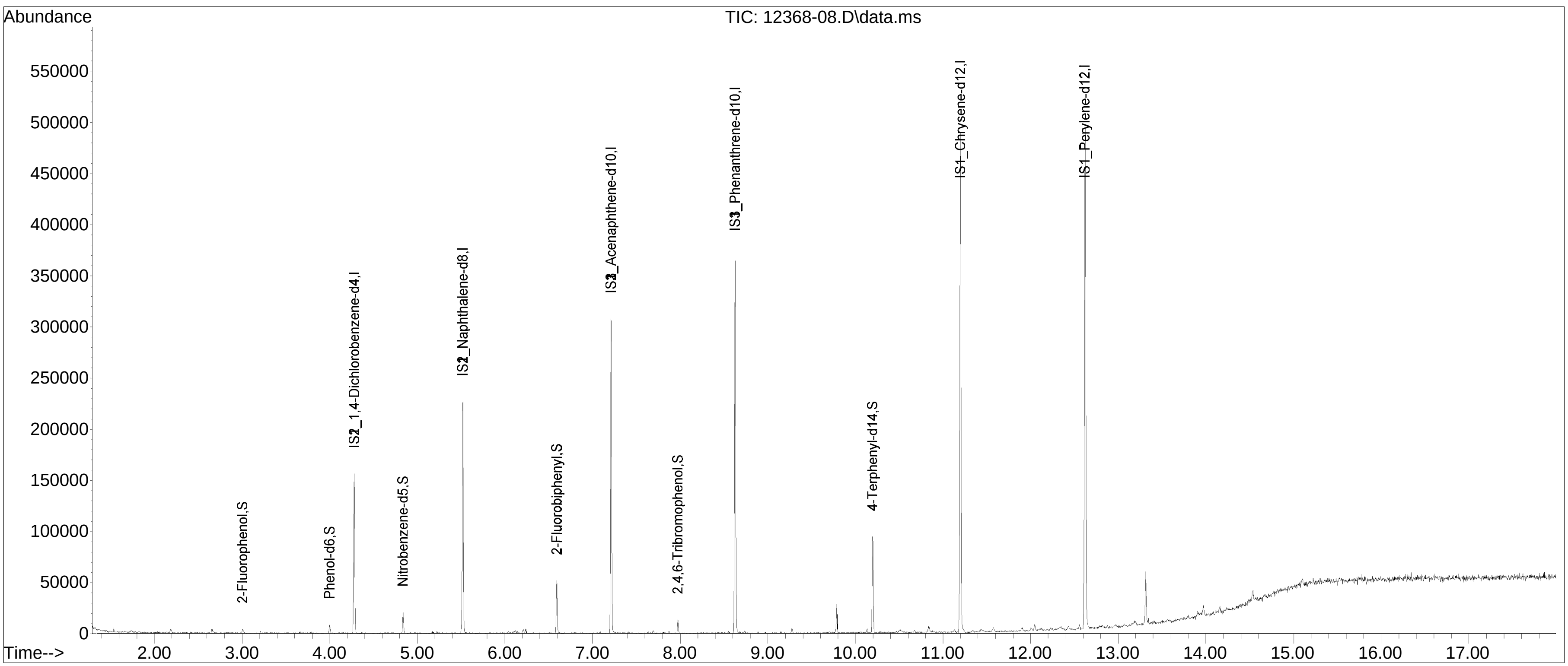
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-08.D
Acq On   : 14 Mar 2025 11:50 am
Operator : Dakota:smz
Sample   : L2512368-08,32,,gmr
Misc   : WG2040571,WG2038207,ical21680
ALS Vial : 5   Sample Multiplier: 1

Quant Time: Mar 14 12:12:24 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

Sub List   : 8270TCL_combo_REV1 - TCL/CT/MAP90314.D•



Manual Integration Report

Data Path	: I:\8270\Dakota\250314RVT\	QMethod	: FS241105RVT_Dakota.m
Data File	: 12368-08.D	Operator	: Dakota:smz
Date Inj'd	: 3/14/2025 11:50 am	Instrument	: Dakota
Sample	: L2512368-08,32,,gmr	Quant Date	: 3/14/2025 12:08 pm

There are no manual integrations or false positives in this file.

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-10.D
Acq On    : 14 Mar 2025  12:57 pm
Operator  : Dakota:smz
Sample    : L2512368-10,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Mar 14 13:55:40 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.280  152     22340     4.000 ug/ml    0.00
   Standard Area 1 = 21719                 Recovery   =  102.86%
27) IS2_1,4-Dichlorobenzen...   4.280  152     22340     4.000 ug/ml    0.00
   Standard Area 3 = 21435                 Recovery   =  104.22%
37) IS1_Naphthalene-d8          5.520  136     86509     4.000 ug/ml  # 0.00
   Standard Area 1 = 84947                 Recovery   =  101.84%
57) IS2_Naphthalene-d8          5.520  136     86509     4.000 ug/ml  # 0.00
   Standard Area 3 = 81068                 Recovery   =  106.71%
65) IS1_Acenaphthene-d10        7.211  164     57441     4.000 ug/ml    0.00
   Standard Area 1 = 58301                 Recovery   =   98.52%
85) IS2_Acenaphthene-d10        7.211  164     57441     4.000 ug/ml    0.00
   Standard Area 3 = 54251                 Recovery   =  105.88%
88) IS3_Acenaphthene-d10        7.211  164     57441     4.000 ug/ml    0.00
   Standard Area 2 = 54233                 Recovery   =  105.92%
90) IS1_Phenanthrene-d10        8.625  188    129622     4.000 ug/ml    0.00
   Standard Area 1 = 128488                 Recovery   =  100.88%
102) IS3_Phenanthrene-d10       8.625  188    129622     4.000 ug/ml    0.00
   Standard Area 2 = 123626                 Recovery   =  104.85%
106) IS1_Chrysene-d12          11.199  240    154314     4.000 ug/ml    0.00
   Standard Area 1 = 158360                 Recovery   =   97.45%
115) IS1_Perylene-d12          12.619  264    183107     4.000 ug/ml    0.00
   Standard Area 1 = 188902                 Recovery   =   96.93%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.012  112      2510     0.437 ug/ml   0.01
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   21.85%
 7) Phenol-d6                   4.000   99      2670     0.363 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   18.15%
19) Nitrobenzene-d5             4.836   82      4791     0.718 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   71.80%
48) 2-Fluorobiphenyl            6.592  172     13371     0.624 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   62.40%
81) 2,4,6-Tribromophenol        7.972  330      2729     0.665 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   33.25%
98) 4-Terphenyl-d14            10.195  244     25456     0.679 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   67.90%
```

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-10.D
Acq On    : 14 Mar 2025  12:57 pm
Operator  : Dakota:smz
Sample    : L2512368-10,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Mar 14 13:55:40 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D.	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D. d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
39) Benzoic Acid	0.000		0	N.D.	
40) 4-Chloroaniline	0.000		0	N.D.	
42) p-Chloro-m-cresol	0.000		0	N.D.	
45) Hexachlorocyclopentadiene	0.000		0	N.D.	
46) 2,4,6-Trichlorophenol	0.000		0	N.D.	
47) 2,4,5-Trichlorophenol	0.000		0	N.D.	
50) 2-Nitroaniline	0.000		0	N.D.	
53) Dimethyl phthalate	0.000		0	N.D. d	
55) 2,6-Dinitrotoluene	0.000		0	N.D. d	
63) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
64) Biphenyl	0.000		0	N.D.	
66) 3-Nitroaniline	0.000		0	N.D.	
68) 2,4-Dinitrophenol	0.000		0	N.D.	
69) Dibenzofuran	0.000		0	N.D.	
70) 2,4-Dinitrotoluene	0.000		0	N.D. d	
71) 4-Nitrophenol	0.000		0	N.D.	
74) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-10.D
Acq On : 14 Mar 2025 12:57 pm
Operator : Dakota:smz
Sample : L2512368-10,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 14 13:55:40 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
77) 4-Nitroaniline	0.000		0	N.D.	
78) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
79) NDPA/DPA	0.000		0	N.D.	
82) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
93) Carbazole	0.000		0	N.D.	
94) Di-n-butylphthalate	0.000		0	N.D. d	
99) Butyl benzyl phthalate	0.000		0	N.D.	
108) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
110) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d	
111) Di-n-octylphthalate	0.000		0	N.D. d	

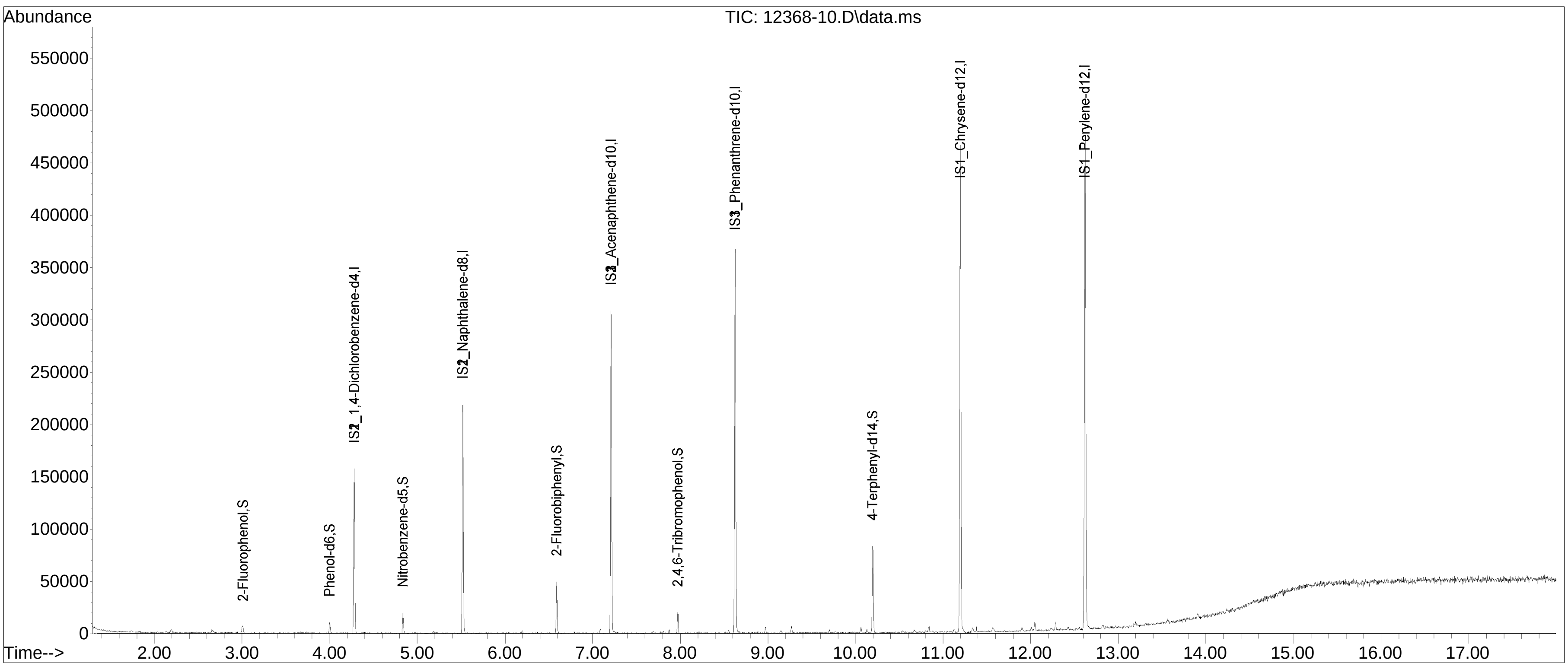
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-10.D
Acq On : 14 Mar 2025 12:57 pm
Operator : Dakota:smz
Sample : L2512368-10,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 14 13:55:40 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MAP90314.D•



Manual Integration Report

Data Path	: I:\8270\Dakota\250314RVT\	QMethod	: FS241105RVT_Dakota.m
Data File	: 12368-10.D	Operator	: Dakota:smz
Date Inj'd	: 3/14/2025 12:57 pm	Instrument	: Dakota
Sample	: L2512368-10,32,,gmr	Quant Date	: 3/14/2025 1:16 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-11.D
Acq On : 14 Mar 2025 1:20 pm
Operator : Dakota:smz
Sample : L2512368-11,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 14 13:59:21 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.280	152	21401	4.000 ug/ml	0.00
Standard Area 1 = 21719			Recovery =	98.54%	
27) IS2_1,4-Dichlorobenzen...	4.280	152	21401	4.000 ug/ml	0.00
Standard Area 3 = 21435			Recovery =	99.84%	
37) IS1_Naphthalene-d8	5.520	136	80938	4.000 ug/ml	# 0.00
Standard Area 1 = 84947			Recovery =	95.28%	
57) IS2_Naphthalene-d8	5.520	136	80938	4.000 ug/ml	# 0.00
Standard Area 3 = 81068			Recovery =	99.84%	
65) IS1_Acenaphthene-d10	7.211	164	53691	4.000 ug/ml	0.00
Standard Area 1 = 58301			Recovery =	92.09%	
85) IS2_Acenaphthene-d10	7.211	164	53691	4.000 ug/ml	0.00
Standard Area 3 = 54251			Recovery =	98.97%	
88) IS3_Acenaphthene-d10	7.211	164	53691	4.000 ug/ml	0.00
Standard Area 2 = 54233			Recovery =	99.00%	
90) IS1_Phenanthrene-d10	8.628	188	125248	4.000 ug/ml	0.00
Standard Area 1 = 128488			Recovery =	97.48%	
102) IS3_Phenanthrene-d10	8.628	188	125248	4.000 ug/ml	0.00
Standard Area 2 = 123626			Recovery =	101.31%	
106) IS1_Chrysene-d12	11.198	240	144265	4.000 ug/ml	0.00
Standard Area 1 = 158360			Recovery =	91.10%	
115) IS1_Perylene-d12	12.619	264	172868	4.000 ug/ml	0.00
Standard Area 1 = 188902			Recovery =	91.51%	
System Monitoring Compounds					
4) 2-Fluorophenol	3.002	112	4796	0.872 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	43.60%	
7) Phenol-d6	4.000	99	4125	0.585 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	29.25%	
19) Nitrobenzene-d5	4.836	82	5690	0.890 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	89.00%	
48) 2-Fluorobiphenyl	6.592	172	15831	0.790 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	79.00%	
81) 2,4,6-Tribromophenol	7.972	330	5375	1.401 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	70.05%	
98) 4-Terphenyl-d14	10.195	244	31690	0.874 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	87.40%	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-11.D
Acq On : 14 Mar 2025 1:20 pm
Operator : Dakota:smz
Sample : L2512368-11,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 14 13:59:21 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene	0.000		0	N.D.		
12) 1,2-Dichlorobenzene	0.000		0	N.D.		
13) Benzyl alcohol	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d		
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
39) Benzoic Acid	0.000		0	N.D.		
40) 4-Chloroaniline	0.000		0	N.D.		
42) p-Chloro-m-cresol	0.000		0	N.D.		
45) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2,4,6-Trichlorophenol	0.000		0	N.D.		
47) 2,4,5-Trichlorophenol	0.000		0	N.D.		
50) 2-Nitroaniline	0.000		0	N.D.		
53) Dimethyl phthalate	0.000		0	N.D. d		
55) 2,6-Dinitrotoluene	0.000		0	N.D. d		
63) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
64) Biphenyl	0.000		0	N.D.		
66) 3-Nitroaniline	0.000		0	N.D.		
68) 2,4-Dinitrophenol	0.000		0	N.D.		
69) Dibenzofuran	0.000		0	N.D.		
70) 2,4-Dinitrotoluene	0.000		0	N.D. d		
71) 4-Nitrophenol	0.000		0	N.D.		
74) Diethyl phthalate	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-11.D
Acq On : 14 Mar 2025 1:20 pm
Operator : Dakota:smz
Sample : L2512368-11,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 14 13:59:21 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
77) 4-Nitroaniline	0.000		0	N.D.		
78) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
79) NDPA/DPA	0.000		0	N.D.		
82) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
93) Carbazole	0.000		0	N.D.		
94) Di-n-butylphthalate	0.000		0	N.D.		
99) Butyl benzyl phthalate	0.000		0	N.D.		
108) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
110) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d		
111) Di-n-octylphthalate	0.000		0	N.D. d		

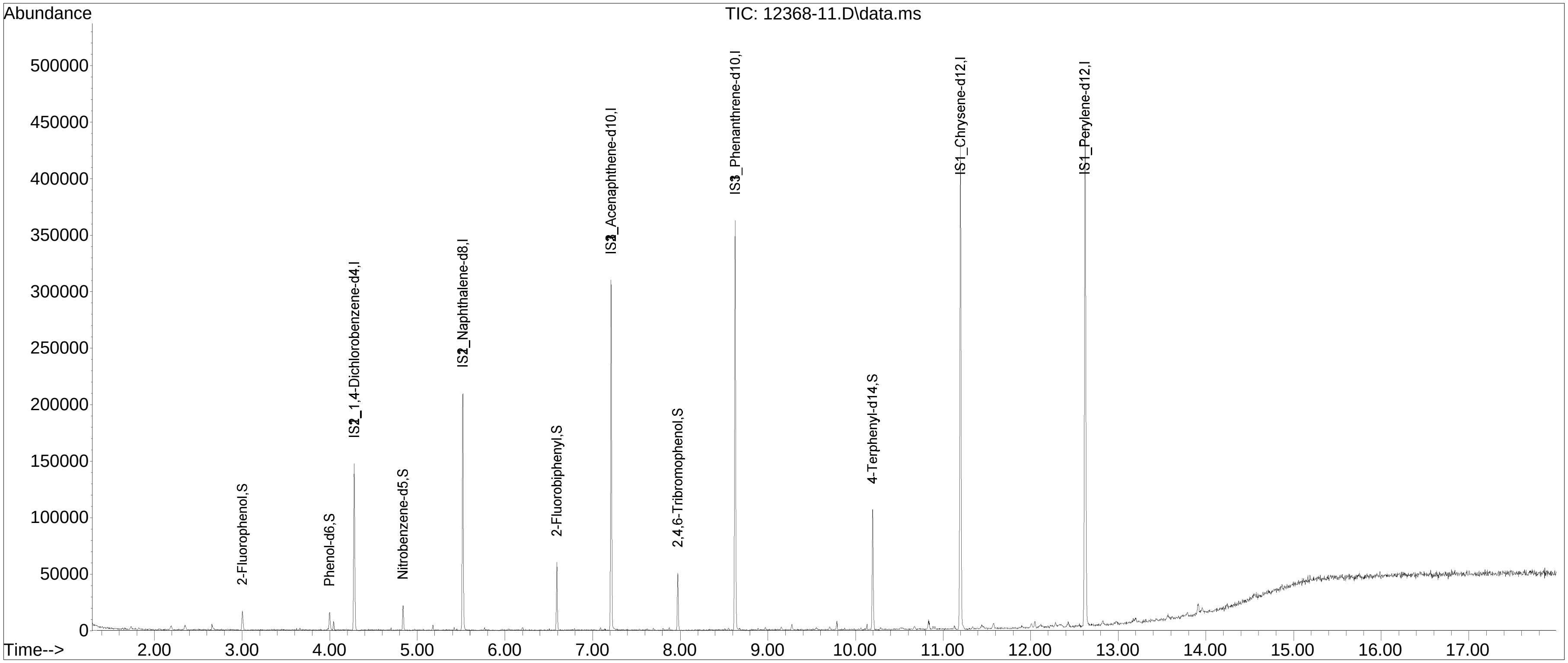
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 12368-11.D
Acq On   : 14 Mar 2025   1:20 pm
Operator : Dakota:smz
Sample   : L2512368-11,32,,gmr
Misc   : WG2040571,WG2038207,ical21680
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Mar 14 13:59:21 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

Sub List   : 8270TCL_combo_REV1 - TCL/CT/MAP90314.D•



Manual Integration Report

Data Path	: I:\8270\Dakota\250314RVT\	QMethod	: FS241105RVT_Dakota.m
Data File	: 12368-11.D	Operator	: Dakota:smz
Date Inj'd	: 3/14/2025 1:20 pm	Instrument	: Dakota
Sample	: L2512368-11,32,,gmr	Quant Date	: 3/14/2025 1:38 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-13.D
Acq On    : 14 Mar 2025  02:37 pm
Operator  : SV112:jg
Sample    : L2512368-13,32,,HNY
Misc      : WG2040646,WG2038207,ical22084
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 14 15:32:28 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
             : 2 - I:\8270\SV112\250314RVT\ADP0314.D
             : 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
--------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.834  152     23131     4.000 ug/ml    0.00
   Standard Area 1 = 23346                 Recovery   =   99.08%
27) IS2_1,4-Dichlorobenzen...   4.834  152     23131     4.000 ug/ml    0.00
   Standard Area 3 = 22376                 Recovery   =  103.37%
35) IS1_Naphthalene-d8          6.064  136     84149     4.000 ug/ml    0.00
   Standard Area 1 = 88853                 Recovery   =   94.71%
55) IS2_Naphthalene-d8          6.064  136     84149     4.000 ug/ml    0.00
   Standard Area 3 = 80810                 Recovery   =  104.13%
63) IS1_Acenaphthene-d10        7.763  164     52503     4.000 ug/ml    0.00
   Standard Area 1 = 57480                 Recovery   =   91.34%
83) IS2_Acenaphthene-d10        7.763  164     52503     4.000 ug/ml    0.00
   Standard Area 3 = 51230                 Recovery   =  102.48%
86) IS3_Acenaphthene-d10        7.763  164     52503     4.000 ug/ml    0.00
   Standard Area 2 = 49798                 Recovery   =  105.43%
88) IS1_Phenanthrene-d10        9.193  188    113738     4.000 ug/ml  # 0.00
   Standard Area 1 = 125165                 Recovery   =   90.87%
100) IS3_Phenanthrene-d10       9.193  188    113738     4.000 ug/ml  # 0.00
   Standard Area 2 = 116394                 Recovery   =   97.72%
104) IS1_Chrysene-d12          11.828  240    128533     4.000 ug/ml  # 0.00
   Standard Area 1 = 148065                 Recovery   =   86.81%
113) IS1_Perylene-d12          13.293  264    138485     4.000 ug/ml    0.00
   Standard Area 1 = 159699                 Recovery   =   86.72%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.564  112      2279     0.364 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   18.20%
 7) Phenol-d6                   4.499   99      2761     0.354 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   17.70%
19) Nitrobenzene-d5             5.369   82      4896     0.664 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   66.40%
46) 2-Fluorobiphenyl            7.128  172     14497     0.752 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   75.20%
79) 2,4,6-Tribromophenol        8.528  330      1805     0.570 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   28.50%
96) 4-Terphenyl-d14            10.769  244     23767     0.799 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   79.90%
```

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-13.D
Acq On    : 14 Mar 2025  02:37 pm
Operator  : SV112:jg
Sample    : L2512368-13,32,,HNY
Misc      : WG2040646,WG2038207,ical22084
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 14 15:32:28 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
             : 2 - I:\8270\SV112\250314RVT\ADP0314.D
             : 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D.	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D. d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
37) Benzoic Acid	0.000		0	N.D.	
38) 4-Chloroaniline	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D.	
53) 2,6-Dinitrotoluene	0.000		0	N.D. d	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	0.000		0	N.D.	
68) 2,4-Dinitrotoluene	0.000		0	N.D. d	
69) 4-Nitrophenol	0.000		0	N.D.	
72) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-13.D
Acq On : 14 Mar 2025 02:37 pm
Operator : SV112:jg
Sample : L2512368-13,32,,HNY
Misc : WG2040646,WG2038207,ical22084
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 15:32:28 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
: 2 - I:\8270\SV112\250314RVT\ADP0314.D
: 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
91) Carbazole	0.000		0	N.D.	
92) Di-n-butylphthalate	0.000		0	N.D.	
97) Butyl benzyl phthalate	0.000		0	N.D.	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	
109) Di-n-octylphthalate	0.000		0	N.D. d	

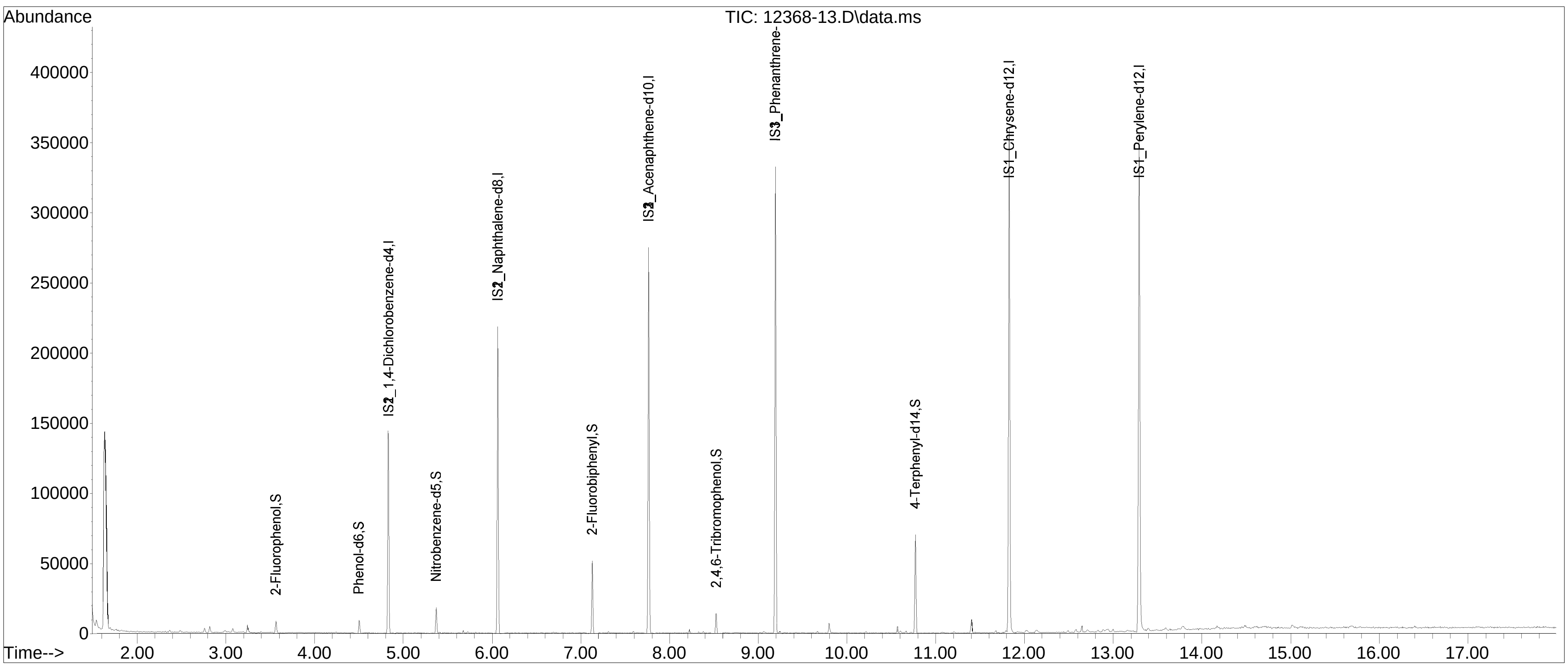
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-13.D
Acq On : 14 Mar 2025 02:37 pm
Operator : SV112:jg
Sample : L2512368-13,32,,HNY
Misc : WG2040646,WG2038207,ical22084
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 15:32:28 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA90314.D•



Manual Integration Report

Data Path	: I:\8270\SV112\250314RVT\	QMethod	: FS250313SV112RVT.m
Data File	: 12368-13.D	Operator	: SV112:jg
Date Inj'd	: 3/14/2025 2:37 pm	Instrument	: SV112
Sample	: L2512368-13,32,,HNY	Quant Date	: 3/14/2025 2:55 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-14.D
Acq On : 14 Mar 2025 03:00 pm
Operator : SV112:jg
Sample : L2512368-14,32,,HNY
Misc : WG2040646,WG2038207,ical22084
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 14 15:32:44 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
: 2 - I:\8270\SV112\250314RVT\ADP0314.D
: 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.834	152	23239	4.000 ug/ml	0.00
Standard Area 1 = 23346			Recovery = 99.54%		
27) IS2_1,4-Dichlorobenzen...	4.834	152	23239	4.000 ug/ml	0.00
Standard Area 3 = 22376			Recovery = 103.86%		
35) IS1_Naphthalene-d8	6.063	136	86306	4.000 ug/ml	0.00
Standard Area 1 = 88853			Recovery = 97.13%		
55) IS2_Naphthalene-d8	6.063	136	86306	4.000 ug/ml	0.00
Standard Area 3 = 80810			Recovery = 106.80%		
63) IS1_Acenaphthene-d10	7.763	164	52059	4.000 ug/ml	0.00
Standard Area 1 = 57480			Recovery = 90.57%		
83) IS2_Acenaphthene-d10	7.763	164	52059	4.000 ug/ml	0.00
Standard Area 3 = 51230			Recovery = 101.62%		
86) IS3_Acenaphthene-d10	7.763	164	52059	4.000 ug/ml	0.00
Standard Area 2 = 49798			Recovery = 104.54%		
88) IS1_Phenanthrene-d10	9.193	188	113634	4.000 ug/ml	# 0.00
Standard Area 1 = 125165			Recovery = 90.79%		
100) IS3_Phenanthrene-d10	9.193	188	113634	4.000 ug/ml	# 0.00
Standard Area 2 = 116394			Recovery = 97.63%		
104) IS1_Chrysene-d12	11.828	240	128221	4.000 ug/ml	# 0.00
Standard Area 1 = 148065			Recovery = 86.60%		
113) IS1_Perylene-d12	13.292	264	140421	4.000 ug/ml	0.00
Standard Area 1 = 159699			Recovery = 87.93%		
System Monitoring Compounds					
4) 2-Fluorophenol	3.564	112	3726	0.592 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 29.60%		
7) Phenol-d6	4.499	99	3775	0.481 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 24.05%		
19) Nitrobenzene-d5	5.369	82	6081	0.821 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 82.10%		
46) 2-Fluorobiphenyl	7.128	172	17108	0.866 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 86.60%		
79) 2,4,6-Tribromophenol	8.528	330	2915	0.928 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 46.40%		
96) 4-Terphenyl-d14	10.769	244	28120	0.946 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 94.60%		

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-14.D
Acq On    : 14 Mar 2025  03:00 pm
Operator  : SV112:jg
Sample    : L2512368-14,32,,HNY
Misc      : WG2040646,WG2038207,ical22084
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Mar 14 15:32:44 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
             : 2 - I:\8270\SV112\250314RVT\ADP0314.D
             : 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D. d	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D. d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
37) Benzoic Acid	0.000		0	N.D.	
38) 4-Chloroaniline	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D.	
53) 2,6-Dinitrotoluene	0.000		0	N.D. d	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	0.000		0	N.D.	
68) 2,4-Dinitrotoluene	0.000		0	N.D. d	
69) 4-Nitrophenol	0.000		0	N.D.	
72) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-14.D
Acq On : 14 Mar 2025 03:00 pm
Operator : SV112:jg
Sample : L2512368-14,32,,HNY
Misc : WG2040646,WG2038207,ical22084
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 14 15:32:44 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
: 2 - I:\8270\SV112\250314RVT\ADP0314.D
: 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
91) Carbazole	0.000		0	N.D.	
92) Di-n-butylphthalate	0.000		0	N.D.	
97) Butyl benzyl phthalate	0.000		0	N.D.	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d	
109) Di-n-octylphthalate	0.000		0	N.D. d	

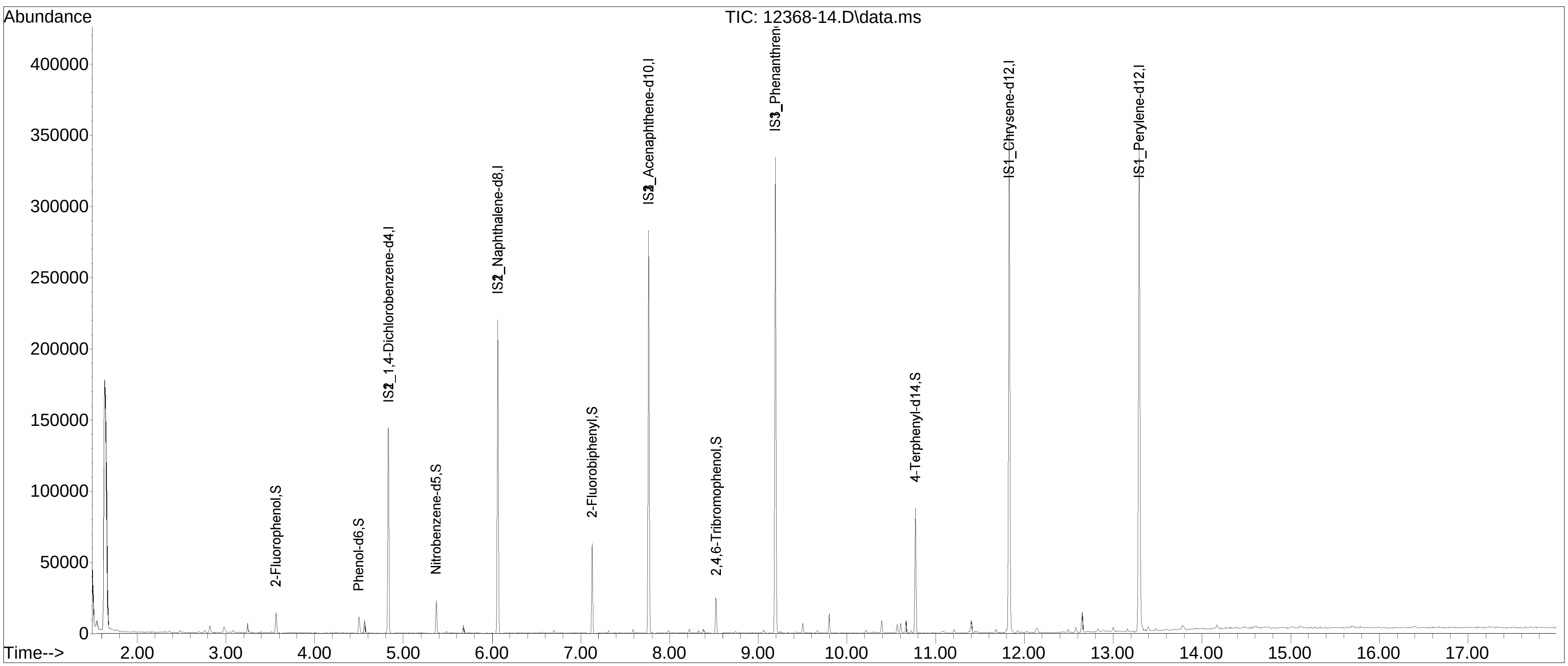
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-14.D
Acq On   : 14 Mar 2025 03:00 pm
Operator : SV112:jg
Sample   : L2512368-14,32,,HNY
Misc   : WG2040646,WG2038207,ical22084
ALS Vial : 7   Sample Multiplier: 1

Quant Time: Mar 14 15:32:44 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

Sub List   : 8270TCL_combo_REV1 - TCL/CT/MA90314.D•



Manual Integration Report

Data Path	: I:\8270\SV112\250314RVT\	QMethod	: FS250313SV112RVT.m
Data File	: 12368-14.D	Operator	: SV112:jg
Date Inj'd	: 3/14/2025 3:00 pm	Instrument	: SV112
Sample	: L2512368-14,32,,HNY	Quant Date	: 3/14/2025 3:18 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-16.D
Acq On    : 14 Mar 2025  03:23 pm
Operator  : SV112:jg
Sample    : L2512368-16,32,,HNY
Misc      : WG2040646,WG2038207,ical22084
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Mar 14 15:45:08 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
             : 2 - I:\8270\SV112\250314RVT\ADP0314.D
             : 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.834  152     22035     4.000 ug/ml    0.00
   Standard Area 1 = 23346                 Recovery   =   94.38%
27) IS2_1,4-Dichlorobenzen...   4.834  152     22035     4.000 ug/ml    0.00
   Standard Area 3 = 22376                 Recovery   =   98.48%
35) IS1_Naphthalene-d8          6.064  136     82011     4.000 ug/ml    0.00
   Standard Area 1 = 88853                 Recovery   =   92.30%
55) IS2_Naphthalene-d8          6.064  136     82011     4.000 ug/ml    0.00
   Standard Area 3 = 80810                 Recovery   =  101.49%
63) IS1_Acenaphthene-d10        7.763  164     49660     4.000 ug/ml    0.00
   Standard Area 1 = 57480                 Recovery   =   86.40%
83) IS2_Acenaphthene-d10        7.763  164     49660     4.000 ug/ml    0.00
   Standard Area 3 = 51230                 Recovery   =   96.94%
86) IS3_Acenaphthene-d10        7.763  164     49660     4.000 ug/ml    0.00
   Standard Area 2 = 49798                 Recovery   =   99.72%
88) IS1_Phenanthrene-d10        9.193  188    106792     4.000 ug/ml  # 0.00
   Standard Area 1 = 125165                 Recovery   =   85.32%
100) IS3_Phenanthrene-d10       9.193  188    106792     4.000 ug/ml  # 0.00
   Standard Area 2 = 116394                 Recovery   =   91.75%
104) IS1_Chrysene-d12          11.828  240    120760     4.000 ug/ml  # 0.00
   Standard Area 1 = 148065                 Recovery   =   81.56%
113) IS1_Perylene-d12          13.293  264    131334     4.000 ug/ml    0.00
   Standard Area 1 = 159699                 Recovery   =   82.24%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.564  112      3095     0.519 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   25.95%
 7) Phenol-d6                   4.499   99      3496     0.470 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   23.50%
19) Nitrobenzene-d5             5.369   82      5490     0.781 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   78.10%
46) 2-Fluorobiphenyl            7.128  172     16436     0.875 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   87.50%
79) 2,4,6-Tribromophenol        8.528  330      3113     1.039 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   51.95%
96) 4-Terphenyl-d14            10.769  244     26349     0.943 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   94.30%
```

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-16.D
Acq On    : 14 Mar 2025  03:23 pm
Operator  : SV112:jg
Sample    : L2512368-16,32,,HNY
Misc      : WG2040646,WG2038207,ical22084
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Mar 14 15:45:08 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
             : 2 - I:\8270\SV112\250314RVT\ADP0314.D
             : 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D.	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D. d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
37) Benzoic Acid	0.000		0	N.D.	
38) 4-Chloroaniline	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D.	
53) 2,6-Dinitrotoluene	0.000		0	N.D. d	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	0.000		0	N.D.	
68) 2,4-Dinitrotoluene	0.000		0	N.D. d	
69) 4-Nitrophenol	0.000		0	N.D.	
72) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-16.D
Acq On    : 14 Mar 2025  03:23 pm
Operator  : SV112:jg
Sample    : L2512368-16,32,,HNY
Misc      : WG2040646,WG2038207,ical22084
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Mar 14 15:45:08 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
             : 2 - I:\8270\SV112\250314RVT\ADP0314.D
             : 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
91) Carbazole	0.000		0	N.D.	
92) Di-n-butylphthalate	0.000		0	N.D.	
97) Butyl benzyl phthalate	0.000		0	N.D.	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	
109) Di-n-octylphthalate	0.000		0	N.D. d	

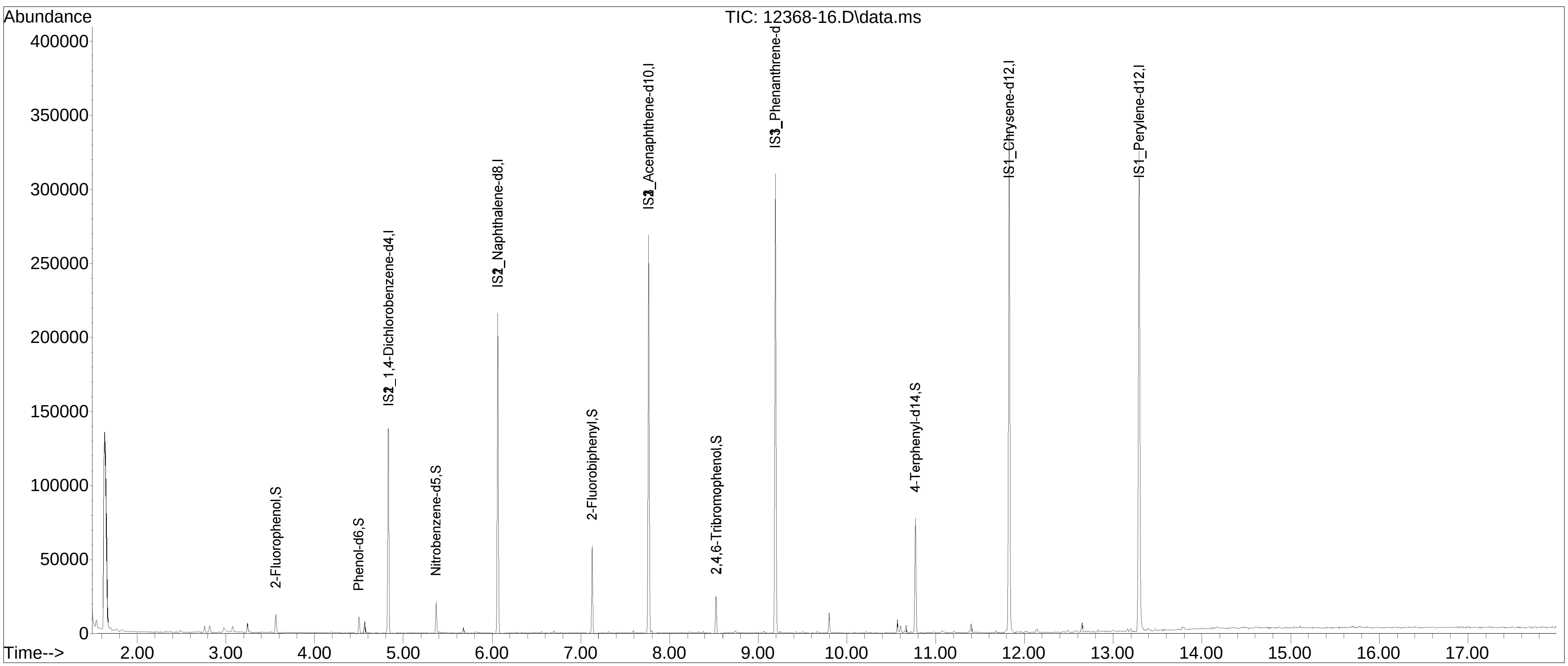
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-16.D
Acq On   : 14 Mar 2025 03:23 pm
Operator : SV112:jg
Sample   : L2512368-16,32,,HNY
Misc   : WG2040646,WG2038207,ical22084
ALS Vial : 8   Sample Multiplier: 1

Quant Time: Mar 14 15:45:08 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

Sub List   : 8270TCL_combo_REV1 - TCL/CT/MA90314.D•



FS250313SV112RVT.m Fri Mar 14 15:46:21 2025   Page: 4

Manual Integration Report

Data Path	: I:\8270\SV112\250314RVT\	QMethod	: FS250313SV112RVT.m
Data File	: 12368-16.D	Operator	: SV112:jg
Date Inj'd	: 3/14/2025 3:23 pm	Instrument	: SV112
Sample	: L2512368-16,32,,HNY	Quant Date	: 3/14/2025 3:41 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-17.D
Acq On : 14 Mar 2025 03:45 pm
Operator : SV112:jg
Sample : L2512368-17,32,,HNY
Misc : WG2040646,WG2038207,ical22084
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 14 16:08:39 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
: 2 - I:\8270\SV112\250314RVT\ADP0314.D
: 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.834	152	22280	4.000 ug/ml	0.00
Standard Area 1 = 23346			Recovery = 95.43%		
27) IS2_1,4-Dichlorobenzen...	4.834	152	22280	4.000 ug/ml	0.00
Standard Area 3 = 22376			Recovery = 99.57%		
35) IS1_Naphthalene-d8	6.063	136	83134	4.000 ug/ml	0.00
Standard Area 1 = 88853			Recovery = 93.56%		
55) IS2_Naphthalene-d8	6.063	136	83134	4.000 ug/ml	0.00
Standard Area 3 = 80810			Recovery = 102.88%		
63) IS1_Acenaphthene-d10	7.763	164	51455	4.000 ug/ml	0.00
Standard Area 1 = 57480			Recovery = 89.52%		
83) IS2_Acenaphthene-d10	7.763	164	51455	4.000 ug/ml	0.00
Standard Area 3 = 51230			Recovery = 100.44%		
86) IS3_Acenaphthene-d10	7.763	164	51455	4.000 ug/ml	0.00
Standard Area 2 = 49798			Recovery = 103.33%		
88) IS1_Phenanthrene-d10	9.193	188	110596	4.000 ug/ml	# 0.00
Standard Area 1 = 125165			Recovery = 88.36%		
100) IS3_Phenanthrene-d10	9.193	188	110596	4.000 ug/ml	# 0.00
Standard Area 2 = 116394			Recovery = 95.02%		
104) IS1_Chrysene-d12	11.828	240	123295	4.000 ug/ml	# 0.00
Standard Area 1 = 148065			Recovery = 83.27%		
113) IS1_Perylene-d12	13.292	264	133119	4.000 ug/ml	0.00
Standard Area 1 = 159699			Recovery = 83.36%		
System Monitoring Compounds					
4) 2-Fluorophenol	3.563	112	3110	0.516 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 25.80%		
7) Phenol-d6	4.499	99	2932	0.390 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 19.50%		
19) Nitrobenzene-d5	5.369	82	5215	0.734 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 73.40%		
46) 2-Fluorobiphenyl	7.128	172	14698	0.772 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 77.20%		
79) 2,4,6-Tribromophenol	8.528	330	2680	0.863 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 43.15%		
96) 4-Terphenyl-d14	10.769	244	23501	0.813 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 81.30%		

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-17.D
Acq On   : 14 Mar 2025 03:45 pm
Operator : SV112:jg
Sample   : L2512368-17,32,,HNY
Misc   : WG2040646,WG2038207,ical22084
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Mar 14 16:08:39 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
             : 2 - I:\8270\SV112\250314RVT\ADP0314.D
             : 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List   : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	0.000		0	N.D.	
8) Phenol	0.000		0	N.D.	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
10) 1,3-Dichlorobenzene	0.000		0	N.D.	
11) 1,4-Dichlorobenzene	0.000		0	N.D.	
12) 1,2-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	0.000		0	N.D. d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
37) Benzoic Acid	0.000		0	N.D.	
38) 4-Chloroaniline	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D.	
53) 2,6-Dinitrotoluene	0.000		0	N.D. d	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	0.000		0	N.D.	
68) 2,4-Dinitrotoluene	0.000		0	N.D. d	
69) 4-Nitrophenol	0.000		0	N.D.	
72) Diethyl phthalate	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-17.D
Acq On : 14 Mar 2025 03:45 pm
Operator : SV112:jg
Sample : L2512368-17,32,,HNY
Misc : WG2040646,WG2038207,ical22084
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 14 16:08:39 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
: 2 - I:\8270\SV112\250314RVT\ADP0314.D
: 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
91) Carbazole	0.000		0	N.D.	
92) Di-n-butylphthalate	0.000		0	N.D.	
97) Butyl benzyl phthalate	0.000		0	N.D.	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	
109) Di-n-octylphthalate	0.000		0	N.D.	

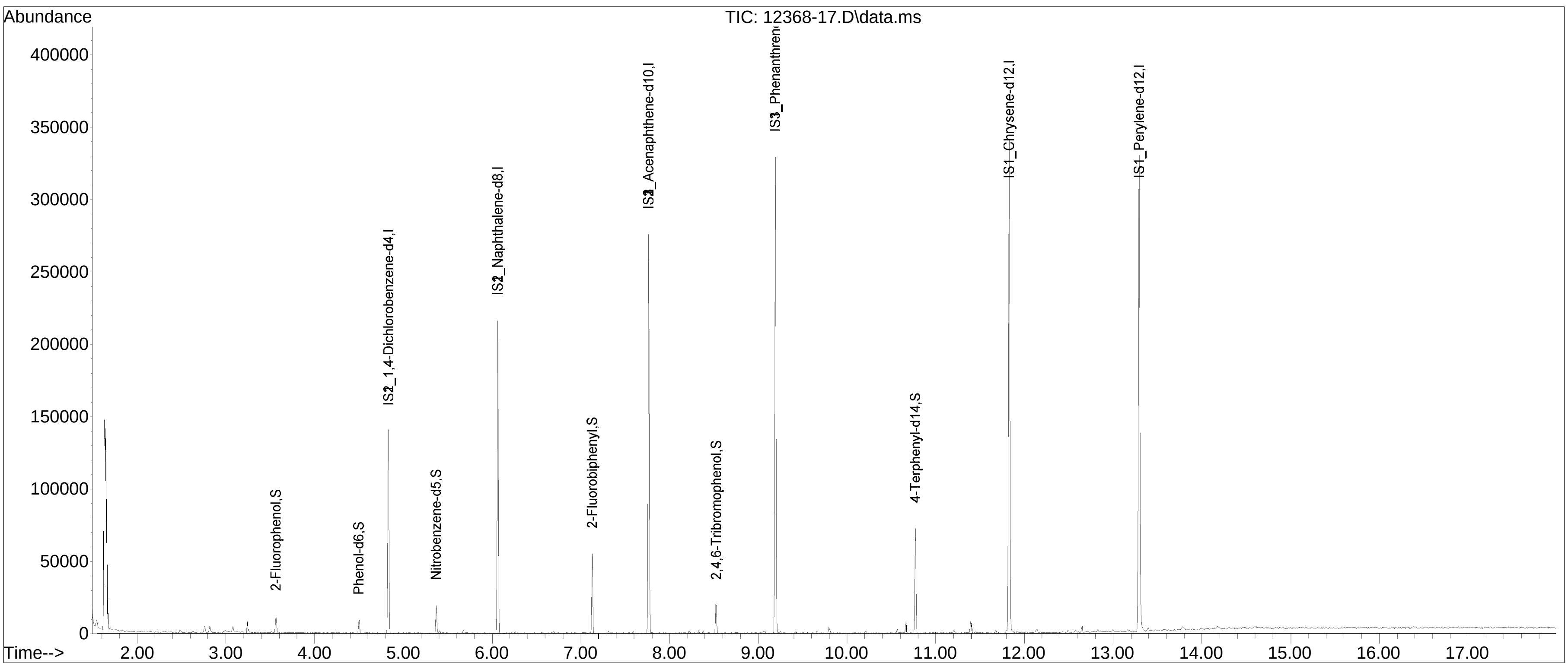
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-17.D
Acq On : 14 Mar 2025 03:45 pm
Operator : SV112:jg
Sample : L2512368-17,32,,HNY
Misc : WG2040646,WG2038207,ical22084
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 14 16:08:39 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA90314.D•



Manual Integration Report

Data Path	: I:\8270\SV112\250314RVT\	QMethod	: FS250313SV112RVT.m
Data File	: 12368-17.D	Operator	: SV112:jg
Date Inj'd	: 3/14/2025 3:45 pm	Instrument	: SV112
Sample	: L2512368-17,32,,HNY	Quant Date	: 3/14/2025 4:04 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-19.D
Acq On    : 14 Mar 2025  04:08 pm
Operator  : SV112:jg
Sample    : L2512368-19,32,,HNY
Misc      : WG2040646,WG2038207,ical22084
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Mar 14 16:27:47 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
             : 2 - I:\8270\SV112\250314RVT\ADP0314.D
             : 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.834  152     23125     4.000 ug/ml    0.00
    Standard Area 1 = 23346                Recovery   =   99.05%
27) IS2_1,4-Dichlorobenzen...   4.834  152     23125     4.000 ug/ml    0.00
    Standard Area 3 = 22376                Recovery   =  103.35%
35) IS1_Naphthalene-d8          6.063  136     84110     4.000 ug/ml    0.00
    Standard Area 1 = 88853                Recovery   =   94.66%
55) IS2_Naphthalene-d8          6.063  136     84110     4.000 ug/ml    0.00
    Standard Area 3 = 80810                Recovery   =  104.08%
63) IS1_Acenaphthene-d10        7.763  164     52414     4.000 ug/ml    0.00
    Standard Area 1 = 57480                Recovery   =   91.19%
83) IS2_Acenaphthene-d10        7.763  164     52414     4.000 ug/ml    0.00
    Standard Area 3 = 51230                Recovery   =  102.31%
86) IS3_Acenaphthene-d10        7.763  164     52414     4.000 ug/ml    0.00
    Standard Area 2 = 49798                Recovery   =  105.25%
88) IS1_Phenanthrene-d10        9.192  188    112446     4.000 ug/ml  # 0.00
    Standard Area 1 = 125165                Recovery   =   89.84%
100) IS3_Phenanthrene-d10       9.192  188    112446     4.000 ug/ml  # 0.00
    Standard Area 2 = 116394                Recovery   =   96.61%
104) IS1_Chrysene-d12          11.828  240    122106     4.000 ug/ml  # 0.00
    Standard Area 1 = 148065                Recovery   =   82.47%
113) IS1_Perylene-d12          13.292  264    133360     4.000 ug/ml    0.00
    Standard Area 1 = 159699                Recovery   =   83.51%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.563  112      3750     0.599 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   29.95%
 7) Phenol-d6                   4.499   99      3572     0.458 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   22.90%
19) Nitrobenzene-d5             5.369   82      4951     0.672 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   67.20%
46) 2-Fluorobiphenyl            7.128  172     14316     0.743 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   74.30%
79) 2,4,6-Tribromophenol        8.528  330      3363     1.063 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   53.15%
96) 4-Terphenyl-d14            10.769  244     25061     0.852 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   85.20%
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-19.D
Acq On : 14 Mar 2025 04:08 pm
Operator : SV112:jg
Sample : L2512368-19,32,,HNY
Misc : WG2040646,WG2038207,ical22084
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 14 16:27:47 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
: 2 - I:\8270\SV112\250314RVT\ADP0314.D
: 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	4.516	94	1521	0.165	ug/ml#	71
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene	0.000		0	N.D.		
12) 1,2-Dichlorobenzene	0.000		0	N.D.		
13) Benzyl alcohol	0.000		0	N.D.	d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
26) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
37) Benzoic Acid	0.000		0	N.D.		
38) 4-Chloroaniline	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.		
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-19.D
Acq On : 14 Mar 2025 04:08 pm
Operator : SV112:jg
Sample : L2512368-19,32,,HNY
Misc : WG2040646,WG2038207,ical22084
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 14 16:27:47 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250314RVT\ABN0314.D
: 2 - I:\8270\SV112\250314RVT\ADP0314.D
: 3 - I:\8270\SV112\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74)	4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75)	4-Nitroaniline	0.000		0	N.D.	
76)	4,6-Dinitro-o-cresol	0.000		0	N.D.	
77)	NDPA/DPA	0.000		0	N.D.	
80)	4-Bromophenyl phenyl e...	0.000		0	N.D.	
91)	Carbazole	0.000		0	N.D.	
92)	Di-n-butylphthalate	0.000		0	N.D.	
97)	Butyl benzyl phthalate	0.000		0	N.D.	
106)	3,3'-Dichlorobenzidine	0.000		0	N.D.	
108)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d	
109)	Di-n-octylphthalate	0.000		0	N.D. d	

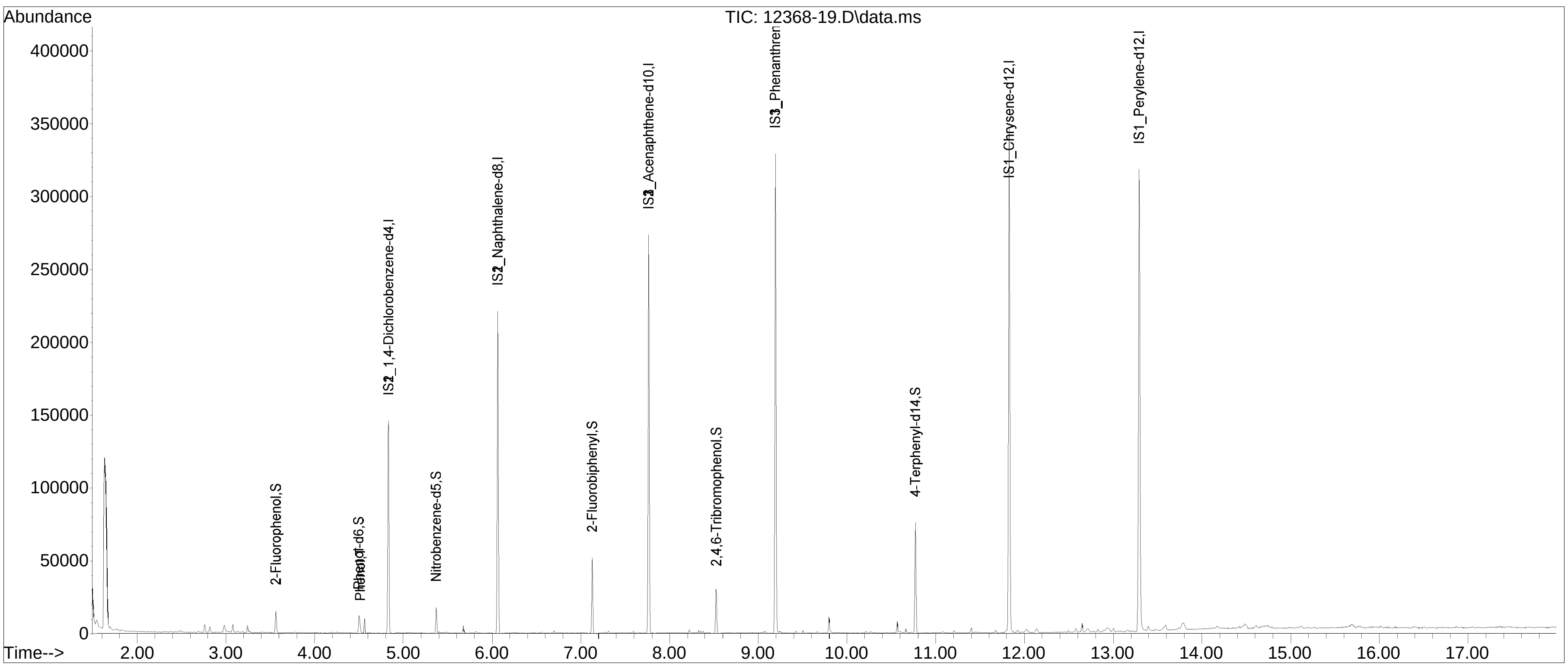
(#) = qualifier out of range (m) = manual integration (+) = signals summed

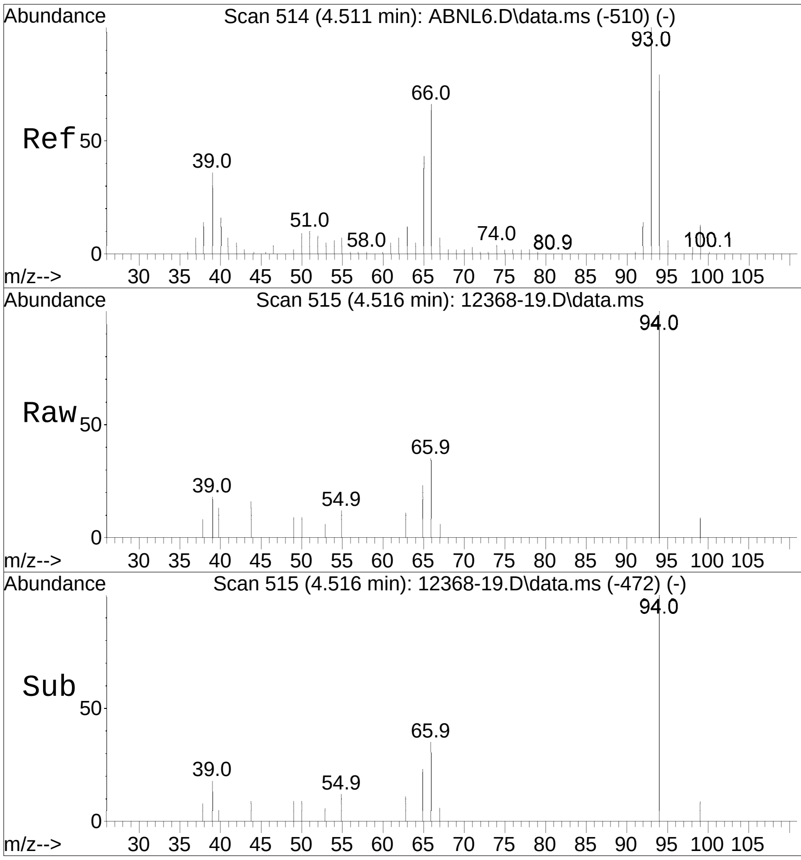
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : 12368-19.D
Acq On   : 14 Mar 2025 04:08 pm
Operator : SV112:jg
Sample   : L2512368-19,32,,HNY
Misc   : WG2040646,WG2038207,ical22084
ALS Vial : 10   Sample Multiplier: 1

Quant Time: Mar 14 16:27:47 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:57 2025
Response via : Initial Calibration

Sub List   : 8270TCL_combo_REV1 - TCL/CT/MA90314.D•

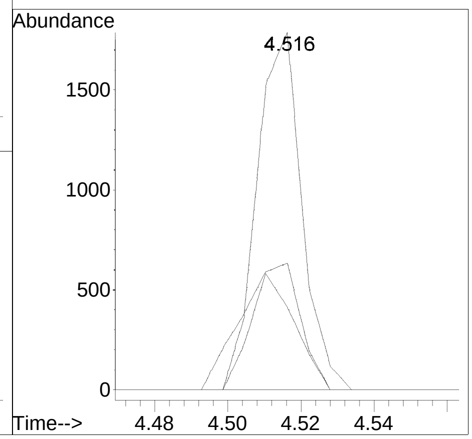




#8
Phenol
Concen: 0.17 ug/ml
RT: 4.516 min Scan# 515
Delta R.T. 0.006 min
Lab File: 12368-19.D
Acq: 14 Mar 2025 04:08 pm

Tgt Ion: 94 Resp: 1521

Ion	Ratio	Lower	Upper
94	100		
65	0.0	23.0	34.6#
66	46.5	32.1	48.1



Manual Integration Report

Data Path	: I:\8270\SV112\250314RVT\	QMethod	: FS250313SV112RVT.m
Data File	: 12368-19.D	Operator	: SV112:jg
Date Inj'd	: 3/14/2025 4:08 pm	Instrument	: SV112
Sample	: L2512368-19,32,,HNY	Quant Date	: 3/14/2025 4:27 pm

There are no manual integrations or false positives in this file.

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL21680**
Calibration dates	**: 11/05/24 16:59 11/06/24 04:17**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1) I	IS1_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
2) t	N-Nitrosodimethylamine	0.688	0.547	0.631	0.657	0.592	0.619	0.625	0.637	0.677	0.630	6.87
3) t	Pyridine	0.718	0.742	0.925	1.043	0.961	1.016	1.039	1.024	1.118	0.954	14.48
4) S	2-Fluorophenol	1.049	1.004	1.119	1.011	0.907	1.005	1.012	1.034	1.114	1.028	6.19
5) T	Aniline	1.820	1.428	1.670	1.497	1.407	1.535	1.513	1.561	1.671	1.567	8.42
6) t	2-Chlorophenol	1.412	1.055	1.248	1.201	1.124	1.210	1.219	1.242	1.314	1.225	8.34
7) S	Phenol-d6	1.562	1.289	1.387	1.281	1.108	1.276	1.276	1.308	1.365	1.317	9.16
8) T	Phenol	1.717	1.324	1.459	1.383	1.257	1.388	1.373	1.397	1.488	1.421	9.16
9) T	bis(2-Chloroethyl)ether	1.289	0.906	1.073	0.962	0.928	0.981	0.987	0.993	1.037	1.017	11.18
10) T	1,3-Dichlorobenzene	1.989	1.455	1.700	1.552	1.372	1.510	1.497	1.511	1.602	1.577	11.40
11) T	1,4-Dichlorobenzene	2.118	1.551	1.603	1.571	1.432	1.536	1.512	1.529	1.633	1.610	12.35
12) T	1,2-Dichlorobenzene	1.695	1.566	1.655	1.525	1.383	1.466	1.447	1.489	1.583	1.534	6.57
13) t	Benzyl alcohol	1.016	0.858	0.891	0.896	0.818	0.912	0.930	0.995	1.055	0.930	8.32
14) T	bis(2-chloroisopropyl)ether	2.239	1.745	1.843	1.773	1.610	1.706	1.707	1.728	1.793	1.794	9.98
15) T	2-Methylphenol	1.301	1.037	1.137	1.033	0.949	1.014	1.050	1.065	1.130	1.079	9.34
16) T	Hexachloroethane	0.791	0.505	0.620	0.596	0.507	0.543	0.558	0.571	0.615	0.589	14.63
17) T	n-Nitrosodi-n-propylamine	1.121	0.834	0.856	0.811	0.724	0.813	0.829	0.866	0.909	0.863	12.65
18) T	3-Methylphenol/4-Methylphenol	1.510	1.200	1.173	1.153	0.986	1.108	1.108	1.166	1.239	1.182	12.02
19) S	Nitrobenzene-d5	1.239	1.148	1.175	1.191	1.071	1.176	1.187	1.238	1.328	1.195	5.92
20) T	Nitrobenzene	1.353	1.122	1.287	1.162	1.081	1.203	1.212	1.254	1.326	1.222	7.51
21) T	Isophorone	2.724	2.161	2.268	2.038	1.932	2.172	2.181	2.313	2.433	2.247	10.29
22) T	2-Nitrophenol	0.655	0.587	0.609	0.564	0.538	0.598	0.623	0.674	0.721	0.619	9.18
23) T	2,4-Dimethylphenol	1.368	1.006	1.085	1.051	0.963	1.062	1.074	1.108	1.188	1.101	10.75
24) T	bis(2-Chloroethoxy)methane	1.605	1.319	1.550	1.332	1.236	1.352	1.353	1.401	1.451	1.400	8.36
25) T	2,4-Dichlorophenol	1.548	1.174	1.340	1.190	1.118	1.246	1.245	1.307	1.399	1.285	10.22
26) T	1,2,4-Trichlorobenzene	1.977	1.522	1.585	1.488	1.349	1.476	1.475	1.515	1.611	1.555	11.25
27) I	IS2_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
28) T	Benzaldehyde	0.535	0.565	0.698	0.703	0.698	0.762	0.770	0.814	0.786	0.703	13.73
29) T	Acetophenone	1.107	1.282	1.407	1.330	1.361	1.463	1.521	1.608	1.552	1.403	11.02
30) T	m-Toluidine			1.080	1.092	1.257	1.323	1.390	1.457	1.409	1.287	11.76
31) T	2-Chloroaniline	1.078	1.270	1.369	1.264	1.363	1.427	1.471	1.559	1.510	1.368	10.81
32) I	IS3_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
33) T	1,4-Dioxane		0.252	0.402	0.398	0.392	0.404	0.400	0.409	0.392	0.381	13.71
34) t	n-Nitrosodieth		0.349	0.372	0.347	0.382	0.401	0.414	0.437	0.420	0.390	8.57
35) T	n-Decane	0.828	1.074	1.101	0.967	1.017	1.097	1.087	1.158	1.107	1.048	9.45
36) t	n-Nitrosopyrro	0.287	0.406	0.461	0.431	0.441	0.486	0.521	0.550	0.537	0.458	17.68

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL21680**
Calibration dates	**: 11/05/24 16:59 11/06/24 04:17**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	I	IS1_Naphthalene-d8	----------------ISTD--------------------										
38)	T	Naphthalene	1.453	1.116	1.167	1.048	0.965	1.022	1.010	1.038	1.082	1.100	13.19
39)	T	Benzoic Acid					0.170	0.206	0.226	0.257	0.279	0.228	18.76
40)	T	4-Chloroaniline	0.150	0.114	0.123	0.117	0.108	0.118	0.114	0.119	0.125	0.121	9.98
41)	T	Hexachlorobutadiene	0.298	0.234	0.285	0.254	0.231	0.250	0.249	0.255	0.270	0.258	8.55
42)	T	p-Chloro-m-cresol	0.342	0.278	0.308	0.267	0.246	0.280	0.275	0.298	0.315	0.290	9.94
43)	T	2-Methylnaphthalene	1.045	0.738	0.807	0.705	0.659	0.700	0.706	0.729	0.763	0.761	15.02
44)	T	1-Methylnaphthalene	0.321	0.228	0.254	0.233	0.207	0.232	0.225	0.231	0.246	0.242	13.41
45)	T	Hexachlorocyclopentadiene	0.297	0.225	0.280	0.262	0.240	0.269	0.274	0.291	0.311	0.272	10.00
46)	T	2,4,6-Trichlorophenol	0.326	0.279	0.279	0.267	0.250	0.278	0.282	0.300	0.320	0.287	8.51
47)	T	2,4,5-Trichlorophenol	0.399	0.300	0.312	0.309	0.278	0.301	0.313	0.325	0.347	0.320	10.95
48)	S	2-Fluorobiphenyl	1.386	0.978	1.052	0.941	0.852	0.912	0.902	0.920	0.968	0.990	16.04
49)	T	2-Chloronaphthalene	1.113	0.897	0.884	0.813	0.728	0.799	0.774	0.811	0.853	0.852	13.02
50)	T	2-Nitroaniline	0.220	0.198	0.212	0.207	0.184	0.216	0.223	0.243	0.260	0.218	10.43
51)	T	1,4-Dinitrobenzene	0.093	0.063	0.090	0.090	0.086	0.094	0.101	0.113	0.122	0.095	17.69
52)	T	1,3-Dinitrobenzene	0.108	0.093	0.120	0.105	0.098	0.114	0.117	0.129	0.137	0.113	12.53
53)	T	Dimethyl phthalate	1.318	0.991	1.021	0.936	0.866	0.923	0.912	0.953	0.998	0.991	13.29
54)	T	Acenaphthylene	1.586	1.204	1.302	1.203	1.092	1.183	1.181	1.230	1.286	1.252	11.14
55)	T	2,6-Dinitrotoluene	0.192	0.157	0.185	0.174	0.167	0.186	0.187	0.201	0.215	0.185	9.50
56)	T	1,2-Dinitrobenzene		0.043	0.065	0.067	0.062	0.070	0.069	0.073	0.080	0.066	16.02
57)	I	IS2_Naphthalene-d8	----------------ISTD--------------------										
58)	T	a-Terpineol	0.162	0.210	0.212	0.213	0.210	0.235	0.239	0.261	0.251	0.221	13.16
59)	T	3-Chloroaniline		0.086	0.112	0.111	0.106	0.125	0.121	0.129	0.125	0.115	12.17
60)	T	2,6-Dichlorophenol	0.250	0.246	0.297	0.277	0.286	0.319	0.317	0.339	0.329	0.296	11.35
61)	T	1-chloro-2-nitrobenzene	0.068	0.091	0.114	0.114	0.114	0.126	0.124	0.137	0.133	0.113	19.26
62)	T	Caprolactam	0.115	0.103	0.112	0.114	0.113	0.127	0.132	0.146	0.142	0.123	12.07
63)	T	1,2,4,5-Tetrachlorobenzene	0.355	0.419	0.415	0.393	0.401	0.437	0.417	0.450	0.429	0.413	6.76
64)	T	Biphenyl	0.719	0.789	0.880	0.804	0.823	0.897	0.870	0.918	0.876	0.842	7.51
65)	I	IS1_Acenaphthene-d10	----------------ISTD--------------------										
66)	T	3-Nitroaniline	0.312	0.289	0.294	0.288	0.284	0.310	0.324	0.332	0.349	0.309	7.30
67)	T	Acenaphthene	1.665	1.203	1.195	1.092	1.004	1.062	1.049	1.077	1.122	1.163	17.13
68)	T	2,4-Dinitrophenol				0.130	0.149	0.172	0.185	0.208	0.226	*L	0.9959
69)	T	Dibenzofuran	2.796	2.124	2.085	1.944	1.749	1.824	1.814	1.833	1.885	2.006	16.04
70)	T	2,4-Dinitrotoluene	0.373	0.326	0.366	0.349	0.361	0.402	0.410	0.433	0.464	0.387	11.29
71)	T	4-Nitrophenol	0.229	0.206	0.209	0.221	0.208	0.233	0.237	0.255	0.273	0.230	9.86
72)	T	2,3,5,6-Tetrachlorophenol	0.465	0.419	0.459	0.406	0.390	0.425	0.429	0.454	0.481	0.436	6.86

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **P. W. Grosser**	**Lab Number**	: **L2512368**
Project Name	: **ROANOKE SAND AND GRAVEL**	**Project Number**	: **BSD1504**
Instrument ID	: **DAKOTA**	**Ical Ref**	: **ICAL21680**
Calibration dates	: **11/05/24 16:59 11/06/24 04:17**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T	2,3,4,6-Tetrachlorophenol	0.536	0.376	0.418	0.411	0.383	0.413	0.421	0.432	0.461	0.428	11.15
74)	T	Diethyl phthalate	2.187	1.601	1.621	1.458	1.366	1.435	1.445	1.489	1.570	1.575	15.53
75)	T	Fluorene	2.060	1.606	1.598	1.495	1.311	1.420	1.399	1.439	1.498	1.536	14.16
76)	T	4-Chlorophenyl-phenylether	1.099	0.823	0.819	0.767	0.683	0.722	0.716	0.736	0.762	0.792	15.66
77)	T	4-Nitroaniline	0.236	0.258	0.299	0.296	0.275	0.312	0.317	0.337	0.357	0.299	12.76
78)	T	4,6-Dinitro-o-cresol	0.240	0.149	0.221	0.215	0.210	0.242	0.251	0.278	0.300	0.234	18.54
79)	T	NDPA/DPA	1.902	1.355	1.398	1.272	1.134	1.220	1.202	1.245	1.300	1.337	16.94
80)	T	Azobenzene	1.550	1.299	1.365	1.219	1.116	1.216	1.210	1.254	1.298	1.281	9.61
81)	S	2,4,6-Tribromophenol	0.315	0.286	0.278	0.265	0.249	0.272	0.276	0.299	0.332	0.286	8.99
82)	T	4-Bromophenyl-phenylether	0.722	0.544	0.560	0.476	0.442	0.474	0.474	0.485	0.517	0.522	16.10
83)	T	Hexachlorobenzene	0.895	0.718	0.682	0.616	0.571	0.586	0.579	0.605	0.656	0.656	15.60
84)	T	Pentachlorophenol	0.372	0.280	0.312	0.320	0.315	0.357	0.379	0.412	0.455	0.356	15.51
85)	I	IS2_Acenaphthene-d10	----------------ISTD--------------------										
86)	T	Dichloran		0.151	0.132	0.142	0.146	0.165	0.185	0.214	0.217	0.169	19.47
87)	T	Pentachloronitrobenzene			0.157	0.173	0.164	0.181	0.190	0.220	0.221	0.187	13.74
88)	I	IS3_Acenaphthene-d10	----------------ISTD--------------------										
89)	T	Atrazine	0.307	0.322	0.368	0.285	0.313	0.342	0.350	0.401	0.400	0.343	11.90
90)	I	IS1_Phenanthrene-d10	----------------ISTD--------------------										
91)	T	Phenanthrene	1.655	1.246	1.214	1.134	1.019	1.085	1.072	1.100	1.119	1.183	16.11
92)	T	Anthracene	1.572	1.147	1.191	1.098	1.017	1.082	1.065	1.115	1.153	1.160	14.06
93)	T	Carbazole	1.327	1.038	1.109	1.013	0.956	1.020	1.001	1.037	1.079	1.064	10.14
94)	T	Di-n-butylphthalate	1.417	1.094	1.207	1.105	1.064	1.185	1.204	1.275	1.309	1.207	9.42
95)	T	Fluoranthene	1.943	1.443	1.460	1.351	1.250	1.321	1.315	1.344	1.374	1.422	14.44
96)	T	Benzidine	0.815	0.657	0.698	0.696	0.708	0.801	0.818	0.853	0.900	0.772	10.90
97)	T	Pyrene	2.028	1.546	1.562	1.479	1.353	1.429	1.397	1.427	1.456	1.520	13.29
98)	S	4-Terphenyl-d14	1.660	1.139	1.202	1.092	1.007	1.066	1.052	1.085	1.114	1.157	16.95
99)	T	Butyl benzyl phthalate	0.567	0.415	0.479	0.447	0.453	0.520	0.541	0.594	0.635	0.517	14.34
100)	I	IS2_Phenanthrene-d10	----------------ISTD--------------------										
101)	T	Diphenamid	0.347	0.380	0.392	0.377	0.390	0.434	0.456	0.494	0.474	0.416	12.13
102)	I	IS3_Phenanthrene-d10	----------------ISTD--------------------										
103)	T	n-Octadecane	0.279	0.354	0.355	0.289	0.309	0.332	0.347	0.369	0.369	0.334	10.10
104)	T	Parathion			0.076	0.062	0.069	0.074	0.086	0.106	0.115		*Q 0.9978
105)	T	3,3'-Dimethylbenzidine				0.425	0.542	0.649	0.734	0.845	0.870		*L 0.9972
106)	I	IS1_Chrysene-d12	----------------ISTD--------------------										
107)	T	Benzo[a]anthracene	1.869	1.383	1.408	1.283	1.164	1.251	1.262	1.278	1.301	1.355	15.16
108)	T	3,3'-Dichlorobenzidine	0.587	0.439	0.489	0.467	0.455	0.503	0.519	0.533	0.552	0.505	9.52

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL21680**
Calibration dates	**: 11/05/24 16:59 11/06/24 04:17**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109)	T	Chrysene	1.959	1.373	1.454	1.290	1.162	1.224	1.199	1.230	1.250	1.349	18.23
110)	T	bis(2-Ethylhexyl)phthalate	0.831	0.597	0.665	0.632	0.630	0.732	0.775	0.822	0.855	0.726	13.56
111)	T	Di-n-octylphthalate	1.380	1.021	1.044	1.017	1.027	1.217	1.316	1.411	1.473	1.212	15.54
112)	T	Benzo(b)fluoranthene	1.822	1.402	1.469	1.372	1.282	1.313	1.333	1.348	1.437	1.420	11.43
113)	T	Benzo(k)fluoranthene	1.743	1.264	1.425	1.314	1.209	1.355	1.362	1.367	1.409	1.383	10.93
114)	T	Benzo(a)pyrene	1.495	1.196	1.246	1.206	1.127	1.232	1.262	1.289	1.349	1.267	8.34
115)	I	IS1_Perylene-d12	----------------ISTD--------------------										
116)	T	Indeno(1,2,3-cd)pyrene	1.598	1.131	1.193	1.086	1.057	1.169	1.203	1.283	1.387	1.234	13.71
117)	T	Dibenzo[a,h]anthracene	1.503	1.130	1.213	1.140	1.076	1.169	1.186	1.217	1.281	1.213	10.21
118)	T	Benzo(g,h,i)perylene	1.547	1.172	1.230	1.097	1.024	1.118	1.137	1.171	1.234	1.192	12.43

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV106**	**Ical Ref**	**: ICAL22075**
Calibration dates	**: 03/11/25 16:50 03/12/25 06:06**		

Calibration Files

L1 =ABNL1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
2)	t	N-Nitrosodimethylamine	0.783	0.639	0.806	0.721	0.661	0.702	0.699	0.722	0.729	0.718	7.31
3)	t	Pyridine	1.339	1.093	1.529	1.236	1.201	1.149	1.191	1.244	1.273	1.251	10.09
4)	S	2-Fluorophenol	1.224	1.069	1.213	1.104	1.001	1.105	1.120	1.164	1.155	1.128	6.20
5)	T	Aniline	1.435	1.473	1.919	1.836	1.609	1.811	1.825	1.885	1.851	1.738	10.53
6)	t	2-Chlorophenol	1.198	1.133	1.316	1.271	1.151	1.200	1.235	1.253	1.205	1.218	4.74
7)	S	Phenol-d6	1.413	1.195	1.418	1.380	1.214	1.307	1.307	1.353	1.318	1.323	5.98
8)	T	Phenol	1.689	1.351	1.550	1.470	1.327	1.425	1.435	1.468	1.418	1.459	7.41
9)	T	bis(2-Chloroethyl)ether	1.263	1.082	1.308	1.252	1.050	1.135	1.126	1.130	1.088	1.159	7.91
10)	T	1,3-Dichlorobenzene	1.816	1.456	1.735	1.588	1.418	1.466	1.458	1.484	1.441	1.540	9.30
11)	T	1,4-Dichlorobenzene	1.775	1.571	1.744	1.599	1.419	1.539	1.507	1.527	1.489	1.574	7.42
12)	T	1,2-Dichlorobenzene	1.478	1.599	1.747	1.530	1.349	1.422	1.422	1.444	1.423	1.490	8.06
13)	t	Benzyl alcohol	0.936	0.785	0.924	0.877	0.840	0.905	0.944	0.994	0.988	0.910	7.45
14)	T	bis(2-chloroisopropyl)ether	3.091	2.730	3.138	2.726	2.446	2.605	2.535	2.564	2.500	2.704	9.30
15)	T	2-Methylphenol	1.421	1.210	1.452	1.326	1.213	1.227	1.184	1.291	1.220	1.283	7.62
16)	T	Hexachloroethane	0.595	0.543	0.555	0.568	0.502	0.539	0.536	0.544	0.533	0.546	4.72
17)	T	n-Nitrosodi-n-propylamine	0.885	0.765	0.920	0.849	0.776	0.846	0.856	0.902	0.894	0.855	6.33
18)	T	3-Methylphenol/4-Methylphenol	1.159	1.015	1.134	1.151	1.009	1.108	1.115	1.159	1.141	1.110	5.28
19)	S	Nitrobenzene-d5	1.074	0.972	1.124	1.108	0.964	1.102	1.139	1.210	1.168	1.096	7.53
20)	T	Nitrobenzene	1.087	1.017	1.105	1.088	1.032	1.137	1.184	1.229	1.185	1.118	6.41
21)	T	Isophorone	2.346	2.038	2.466	2.303	2.103	2.283	2.326	2.409	2.386	2.296	6.10
22)	T	2-Nitrophenol	0.450	0.400	0.518	0.481	0.457	0.512	0.554	0.609	0.599	0.509	13.74
23)	T	2,4-Dimethylphenol	1.252	1.058	1.221	1.170	1.096	1.227	1.222	1.278	1.261	1.198	6.32
24)	T	bis(2-Chloroethoxy)methane	2.026	1.644	1.872	1.648	1.492	1.468	1.436	1.469	1.695	1.639	12.36
25)	T	2,4-Dichlorophenol	1.091	1.055	1.129	1.154	1.018	1.156	1.169	1.237	1.226	1.137	6.43
26)	T	1,2,4-Trichlorobenzene	1.699	1.523	1.585	1.484	1.275	1.382	1.375	1.414	1.380	1.457	8.86
27)	I	IS2_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
28)	T	Benzaldehyde	0.817	0.939	1.065	0.956	0.864	0.943	0.930	1.089	0.980	0.954	9.01
29)	T	Acetophenone	1.654	1.322	1.819	1.638	1.502	1.665	1.613	1.890	1.708	1.646	10.09
30)	T	m-Toluidine			1.266	1.297	1.394	1.557	1.561	1.856	1.668	1.514	13.95
31)	T	2-Chloroaniline	1.346	1.252	1.654	1.465	1.369	1.470	1.496	1.744	1.531	1.481	10.28
32)	I	IS3_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
33)	t	1,4-Dioxane	0.690	0.570	0.697	0.523	0.467	0.467	0.470	0.547	0.500	0.548	16.44
34)	T	n-Decane	1.845	1.532	1.881	1.764	1.460	1.569	1.627	1.900	1.719	1.700	9.45
35)	I	IS1_Naphthalene-d8	----------------ISTD--------------------										
36)	T	Naphthalene	1.239	1.058	1.194	1.095	0.950	1.020	1.014	1.024	1.003	1.066	8.86

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV106**	**Ical Ref**	**: ICAL22075**
Calibration dates	**: 03/11/25 16:50 03/12/25 06:06**		

Calibration Files

L1 =ABNL1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	T	Benzoic Acid			0.144	0.142	0.139	0.100	0.171	0.226		*Q	0.9979
38)	T	4-Chloroaniline	0.134	0.133	0.135	0.133	0.119	0.133	0.132	0.135	0.131	0.132	3.68
39)	T	Hexachlorobutadiene	0.287	0.237	0.267	0.244	0.218	0.239	0.235	0.237	0.231	0.244	8.47
40)	T	p-Chloro-m-cresol	0.353	0.335	0.347	0.316	0.278	0.310	0.312	0.328	0.345	0.325	7.23
41)	T	2-Methylnaphthalene	0.708	0.611	0.709	0.643	0.571	0.625	0.619	0.635	0.618	0.638	7.02
42)	T	1-Methylnaphthalene	0.281	0.262	0.282	0.238	0.215	0.233	0.230	0.233	0.228	0.245	9.96
43)	T	Hexachlorocyclopentadiene	0.334	0.276	0.315	0.289	0.262	0.298	0.301	0.314	0.310	0.300	7.33
44)	T	2,4,6-Trichlorophenol	0.279	0.224	0.250	0.236	0.219	0.252	0.258	0.271	0.272	0.251	8.55
45)	T	2,4,5-Trichlorophenol	0.258	0.214	0.233	0.235	0.236	0.263	0.273	0.289	0.293	0.255	10.66
46)	S	2-Fluorobiphenyl	1.075	0.922	1.017	0.923	0.824	0.893	0.877	0.899	0.879	0.923	8.35
47)	T	2-Chloronaphthalene	0.915	0.720	0.839	0.749	0.679	0.734	0.718	0.733	0.721	0.756	9.69
48)	T	2-Nitroaniline	0.133	0.138	0.149	0.146	0.144	0.174	0.188	0.211	0.213	0.166	18.82
49)	T	1,4-Dinitrobenzene		0.014	0.011	0.014	0.012	0.015	0.025	0.053	0.099	*Q	1.0000
50)	T	1,3-Dinitrobenzene					0.077	0.100	0.106	0.121	0.117	0.104	16.96
51)	T	Dimethyl phthalate	1.084	0.893	0.956	0.901	0.832	0.903	0.861	0.891	0.856	0.908	8.22
52)	T	Acenaphthylene	1.387	1.177	1.273	1.160	1.078	1.174	1.171	1.199	1.193	1.201	7.14
53)	T	2,6-Dinitrotoluene	0.112	0.110	0.141	0.144	0.137	0.177	0.175	0.177	0.185	0.151	19.16
54)	T	1,2-Dinitrobenzene		0.046	0.052	0.052	0.060	0.070	0.077	0.075	0.074	0.063	19.21
55)	I	IS2_Naphthalene-d8	----------------ISTD--------------------										
56)	T	a-Terpineol	0.284	0.221	0.279	0.261	0.252	0.272	0.276	0.325	0.305	0.275	10.91
57)	T	3-Chloroaniline	0.123	0.115	0.152	0.150	0.129	0.140	0.141	0.160	0.145	0.139	10.56
58)	T	2,6-Dichlorophenol	0.283	0.236	0.265	0.258	0.236	0.264	0.274	0.319	0.295	0.270	9.87
59)	T	1-chloro-2-nitrobenzene	0.095	0.092	0.108	0.102	0.099	0.104	0.112	0.133	0.126	0.108	12.82
60)	T	Caprolactam	0.196	0.156	0.149	0.147	0.136	0.148	0.166	0.200	0.184	0.165	14.22
61)	T	1,2,4,5-Tetrachlorobenzene	0.460	0.358	0.442	0.409	0.368	0.381	0.381	0.427	0.388	0.401	8.71
62)	T	Biphenyl	1.000	0.843	0.967	0.890	0.807	0.844	0.829	0.939	0.848	0.885	7.69
63)	I	IS1_Acenaphthene-d10	----------------ISTD--------------------										
64)	T	3-Nitroaniline	0.247	0.185	0.207	0.227	0.217	0.266	0.293	0.314	0.315	0.252	18.81
65)	T	Acenaphthene	1.498	1.192	1.163	1.100	0.919	1.022	0.989	1.000	1.032	1.101	15.61
66)	T	2,4-Dinitrophenol	0.046	0.075	0.095	0.099	0.095	0.117	0.131	0.164	0.167	*Q	0.9956
67)	T	Dibenzofuran	2.170	1.878	2.090	1.916	1.548	1.689	1.667	2.098	2.168	1.914	12.29
68)	T	2,4-Dinitrotoluene	0.235	0.253	0.260	0.286	0.272	0.331	0.353	0.446	0.491	*Q	0.9979
69)	T	4-Nitrophenol	0.180	0.133	0.178	0.179	0.160	0.198	0.216	0.236	0.253	0.192	19.52
70)	T	2,3,5,6-Tetrachlorophenol	0.352	0.283	0.362	0.334	0.303	0.354	0.501	0.397	0.401	0.365	17.53
71)	T	2,3,4,6-Tetrachlorophenol	0.341	0.270	0.342	0.334	0.302	0.349	0.363	0.399	0.396	0.344	11.94
72)	T	Diethyl phthalate	1.402	1.330	1.450	1.366	1.180	1.342	1.308	1.422	1.431	1.359	6.11

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **P. W. Grosser**	**Lab Number**	: **L2512368**
Project Name	: **ROANOKE SAND AND GRAVEL**	**Project Number**	: **BSD1504**
Instrument ID	: **SV106**	**Ical Ref**	: **ICAL22075**
Calibration dates	: **03/11/25 16:50 03/12/25 06:06**		

Calibration Files

L1 =ABNL1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T	Fluorene	1.612	1.458	1.505	1.421	1.191	1.352	1.350	1.395	1.407	1.410	8.22
74)	T	4-Chlorophenyl-phenylether	0.907	0.776	0.824	0.747	0.620	0.687	0.681	0.703	0.694	0.738	11.78
75)	T	4-Nitroaniline	0.216	0.187	0.227	0.238	0.213	0.260	0.264	0.300	0.304	0.246	16.23
76)	T	4,6-Dinitro-o-cresol			0.141	0.133	0.135	0.176	0.191	0.226	0.235		*L 0.9929
77)	T	NDPA/DPA	1.326	1.129	1.255	1.192	1.056	1.133	1.131	1.176	1.182	1.176	6.70
78)	T	Azobenzene	1.195	1.034	1.201	1.149	0.990	1.110	1.122	1.143	1.147	1.121	6.20
79)	S	2,4,6-Tribromophenol	0.187	0.164	0.208	0.202	0.180	0.214	0.218	0.240	0.238	0.206	12.38
80)	T	4-Bromophenyl-phenylether	0.558	0.465	0.502	0.462	0.388	0.440	0.433	0.457	0.463	0.463	10.17
81)	T	Hexachlorobenzene	0.590	0.600	0.659	0.542	0.450	0.501	0.500	0.525	0.520	0.543	11.65
82)	T	Pentachlorophenol			0.246	0.237	0.227	0.278	0.300	0.336	0.352	0.282	17.41
83)	I	IS2_Acenaphthene-d10	----------------ISTD--------------------										
84)	T	Dichloran					0.086	0.107	0.121	0.165	0.167		*L 0.9986
85)	T	Pentachloronitrobenzene			0.134	0.111	0.119	0.132	0.147	0.185	0.180	0.144	19.92
86)	I	IS3_Acenaphthene-d10	----------------ISTD--------------------										
87)	T	Atrazine	0.371	0.301	0.330	0.306	0.305	0.335	0.385	0.516	0.440	0.366	19.90
88)	I	IS1_Phenanthrene-d10	----------------ISTD--------------------										
89)	T	Phenanthrene	1.467	1.201	1.229	1.130	0.984	1.066	1.050	1.070	1.022	1.135	13.04
90)	T	Anthracene	1.273	1.128	1.218	1.083	0.972	1.086	1.067	1.091	1.049	1.107	8.13
91)	T	Carbazole	1.007	0.946	1.055	0.993	0.902	0.996	0.987	1.014	1.000	0.989	4.36
92)	T	Di-n-butylphthalate	1.042	0.879	1.042	0.976	0.931	1.115	1.147	1.464	1.453	1.116	18.90
93)	T	Fluoranthene	1.518	1.269	1.388	1.260	1.152	1.255	1.257	1.322	1.257	1.298	8.00
94)	T	Benzidine			0.517	0.579	0.617	0.739	0.782	0.857	0.834	0.704	18.85
95)	T	Pyrene	1.623	1.313	1.486	1.366	1.236	1.328	1.280	1.330	1.268	1.359	9.00
96)	S	4-Terphenyl-d14	1.198	1.044	1.129	1.026	0.928	1.001	0.974	1.018	1.020	1.038	7.80
97)	T	Butyl benzyl phthalate			0.360	0.335	0.347	0.440	0.470	0.554	0.567		*L 0.9941
98)	I	IS2_Phenanthrene-d10	----------------ISTD--------------------										
99)	T	Diphenamid	0.384	0.336	0.383	0.352	0.358	0.426	0.442	0.538	0.495	0.413	16.71
100)	I	IS3_Phenanthrene-d10	----------------ISTD--------------------										
101)	T	n-Octadecane	0.465	0.378	0.436	0.423	0.377	0.441	0.479	0.604	0.519	0.458	15.53
102)	T	Parathion			0.066	0.057	0.051	0.057	0.068	0.107			*Q 1.0000
103)	T	3,3'-Dimethylbenzidine					0.486	0.597	0.764	1.061	0.970		*L 0.9945
104)	I	IS1_Chrysene-d12	----------------ISTD--------------------										
105)	T	Benzo[a]anthracene	1.484	1.248	1.356	1.216	1.113	1.221	1.268	1.313	1.283	1.278	8.06
106)	T	3,3'-Dichlorobenzidine	0.366	0.327	0.409	0.409	0.404	0.457	0.478	0.512	0.498	0.429	14.44
107)	T	Chrysene	1.563	1.341	1.467	1.269	1.114	1.190	1.140	1.179	1.140	1.267	12.56
108)	T	bis(2-Ethylhexyl)phthalate		0.435	0.532	0.503	0.541	0.652	0.677	0.758	0.770		*L 0.9961

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV106**	**Ical Ref**	**: ICAL22075**
Calibration dates	**: 03/11/25 16:50 03/12/25 06:06**		

Calibration Files

L1 =ABNL1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109)	T	Di-n-octylphthalate			0.787	0.753	0.799	1.040	1.119	1.350	1.382	*L	0.9931
110)	T	Benzo(b)fluoranthene	1.371	1.201	1.334	1.447	1.256	1.333	1.253	1.339	1.293	1.314	5.55
111)	T	Benzo(k)fluoranthene	1.449	1.230	1.429	1.106	1.048	1.187	1.224	1.191	1.137	1.222	11.12
112)	T	Benzo(a)pyrene	1.200	1.065	1.216	1.142	1.065	1.177	1.159	1.206	1.180	1.157	4.92
113)	I	IS1_Perylene-d12	----------------ISTD--------------------										
114)	T	Indeno(1,2,3-cd)pyrene	1.094	0.997	1.068	1.000	0.977	1.136	1.132	1.161	1.045	1.068	6.34
115)	T	Dibenzo[a,h]anthracene	1.140	0.961	1.119	1.074	0.959	1.097	1.114	1.091	1.009	1.063	6.47
116)	T	Benzo(g,h,i)perylene	1.131	1.077	1.115	1.076	0.929	1.064	1.072	1.061	0.902	1.047	7.50

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV112**	**Ical Ref**	**: ICAL22084**
Calibration dates	**: 03/13/25 13:47 03/14/25 00:48**		

Calibration Files

L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D
L8 =ADPL8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
2)	T	N-Nitrosodimethylamine	0.535	0.614	0.762	0.713	0.686	0.712	0.727	0.770	0.740	0.695	10.93
3)	T	Pyridine	1.038	1.037	1.310	1.193	1.222	1.208	1.276	1.365	1.287	1.215	9.39
4)	S	2-Fluorophenol	0.976	1.077	1.135	1.126	0.986	1.083	1.091	1.158	1.111	1.083	5.85
5)	T	Aniline	1.376	1.481	1.845	1.889	1.630	1.871	1.879	2.011	1.951	1.770	12.48
6)	T	2-Chlorophenol	1.525	1.102	1.271	1.284	1.087	1.218	1.215	1.282	1.243	1.247	10.19
7)	S	Phenol-d6	1.430	1.179	1.339	1.333	1.189	1.343	1.367	1.499	1.476	1.350	8.29
8)	T	Phenol	1.619	1.408	1.621	1.678	1.414	1.585	1.602	1.721	1.679	1.592	6.99
9)	T	bis(2-Chloroethyl)ether	1.187	1.178	1.245	1.142	1.048	1.157	1.121	1.168	1.125	1.152	4.70
10)	T	1,3-Dichlorobenzene	1.525	1.504	1.644	1.539	1.344	1.413	1.421	1.454	1.410	1.473	6.10
11)	T	1,4-Dichlorobenzene	1.746	1.584	1.654	1.558	1.339	1.471	1.447	1.487	1.438	1.525	8.11
12)	T	1,2-Dichlorobenzene	1.637	1.570	1.566	1.543	1.306	1.386	1.366	1.412	1.378	1.463	7.95
13)	T	Benzyl alcohol	0.974	0.960	0.911	0.919	0.865	0.956	0.974	1.101	1.090	0.972	8.04
14)	T	bis(2-chloroisopropyl)ether	1.816	1.818	1.745	1.698	1.450	1.613	1.621	1.706	1.595	1.674	7.02
15)	T	2-Methylphenol	1.084	1.018	1.015	1.044	0.921	1.059	1.059	1.162	1.135	1.055	6.68
16)	T	Hexachloroethane	0.689	0.479	0.577	0.581	0.500	0.536	0.544	0.577	0.565	0.561	10.69
17)	T	n-Nitrosodi-n-propylamine	1.000	0.846	0.891	0.874	0.776	0.894	0.891	0.992	0.976	0.904	8.12
18)	T	3-Methylphenol/4-Methylphenol	1.386	0.973	1.242	1.141	1.017	1.124	1.147	1.247	1.244	1.169	10.86
19)	S	Nitrobenzene-d5	1.244	1.198	1.282	1.258	1.131	1.279	1.297	1.410	1.379	1.275	6.66
20)	T	Nitrobenzene	1.295	1.159	1.366	1.305	1.176	1.292	1.315	1.421	1.387	1.302	6.77
21)	T	Isophorone	2.484	2.134	2.414	2.339	2.165	2.406	2.456	2.686	2.560	2.405	7.31
22)	T	2-Nitrophenol	0.571	0.409	0.590	0.549	0.547	0.608	0.638	0.718	0.710	0.593	15.76
23)	T	2,4-Dimethylphenol	1.318	1.067	1.189	1.188	1.116	1.237	1.278	1.379	1.364	1.237	8.70
24)	T	bis(2-Chloroethoxy)methane	1.994	1.514	1.623	1.576	1.424	1.532	1.574	1.693	1.614	1.616	9.94
25)	T	2,4-Dichlorophenol	0.989	1.004	1.120	1.119	1.041	1.148	1.190	1.313	1.289	1.135	10.18
26)	T	1,2,4-Trichlorobenzene	1.571	1.440	1.528	1.464	1.308	1.362	1.369	1.480	1.433	1.440	5.80
27)	I	IS2_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
28)	T	Benzaldehyde	0.702	0.840	1.112	0.972	0.900	0.965	0.964	1.111	1.017	0.954	13.55
29)	T	Acetophenone	1.850	1.531	1.906	1.714	1.495	1.668	1.676	1.958	1.784	1.731	9.18
30)	T	m-Toluidine			1.279	1.380	1.398	1.594	1.634	1.913	1.737	1.562	14.33
31)	T	2-Chloroaniline	1.451	1.287	1.642	1.525	1.371	1.509	1.476	1.745	1.579	1.509	9.11
32)	I	IS3_1,4-Dichlorobenzene-d4	----------------ISTD--------------------										
33)	T	1,4-Dioxane		0.440	0.538	0.514	0.451	0.433	0.453	0.544	0.478	0.481	9.28
34)	T	n-Decane	1.334	1.269	1.474	1.367	1.150	1.224	1.260	1.538	1.339	1.328	9.13
35)	I	IS1_Naphthalene-d8	----------------ISTD--------------------										
36)	T	Naphthalene	1.207	1.055	1.151	1.054	0.928	0.988	0.988	0.967	0.889	1.025	10.04

Initial Calibration Summary
Form 6
Semivolatiles

Client : P. W. Grosser
Project Name : ROANOKE SAND AND GRAVEL
Instrument ID : SV112
Calibration dates : 03/13/25 13:47 03/14/25 00:48

Lab Number : L2512368
Project Number : BSD1504
Ical Ref : ICAL22084

Calibration Files
L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D
L8 =ADPL8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	T	Benzoic Acid			0.068	0.110	0.139	0.192	0.214	0.265	0.268	*L	0.9928
38)	T	4-Chloroaniline	0.118	0.109	0.138	0.134	0.120	0.131	0.128	0.138	0.135	0.128	8.03
39)	T	Hexachlorobutadiene	0.328	0.256	0.291	0.258	0.233	0.249	0.244	0.249	0.244	0.261	11.39
40)	T	p-Chloro-m-cresol	0.269	0.262	0.302	0.267	0.258	0.287	0.301	0.322	0.314	0.287	8.37
41)	T	2-Methylnaphthalene	0.754	0.642	0.688	0.622	0.563	0.615	0.614	0.643	0.605	0.638	8.61
42)	T	1-Methylnaphthalene	0.277	0.238	0.269	0.229	0.214	0.237	0.238	0.249	0.243	0.244	7.94
43)	T	Hexachlorocyclopentadiene	0.345	0.296	0.330	0.302	0.277	0.311	0.313	0.334	0.325	0.315	6.78
44)	T	2,4,6-Trichlorophenol	0.315	0.247	0.280	0.235	0.228	0.265	0.267	0.300	0.292	0.270	10.96
45)	T	2,4,5-Trichlorophenol	0.258	0.220	0.267	0.272	0.250	0.282	0.300	0.304	0.301	0.273	10.23
46)	S	2-Fluorobiphenyl	1.060	0.979	1.022	0.911	0.822	0.881	0.881	0.877	0.812	0.916	9.43
47)	T	2-Chloronaphthalene	0.875	0.698	0.825	0.750	0.681	0.730	0.721	0.745	0.705	0.748	8.45
48)	T	2-Nitroaniline	0.158	0.156	0.193	0.192	0.188	0.208	0.227	0.250	0.244	0.202	16.80
49)	T	1,4-Dinitrobenzene	0.132	0.093	0.109	0.090	0.087	0.109	0.114	0.129	0.130	0.110	15.94
50)	T	1,3-Dinitrobenzene	0.137	0.088	0.113	0.104	0.103	0.125	0.134	0.152	0.150	0.123	18.10
51)	T	Dimethyl phthalate	1.195	0.932	1.050	0.917	0.838	0.933	0.932	0.961	0.878	0.959	11.01
52)	T	Acenaphthylene	1.397	1.186	1.304	1.177	1.098	1.213	1.206	1.221	1.114	1.213	7.57
53)	T	2,6-Dinitrotoluene	0.164	0.121	0.176	0.165	0.160	0.191	0.193	0.206	0.203	0.176	15.15
54)	T	1,2-Dinitrobenzene	0.064	0.072	0.080	0.082	0.072	0.083	0.087	0.096	0.098	0.081	13.55
55)	I	IS2_Naphthalene-d8	----------------ISTD--------------------										
56)	T	a-Terpineol	0.244	0.183	0.275	0.250	0.240	0.248	0.254	0.303	0.279	0.253	13.20
57)	T	3-Chloroaniline	0.091	0.111	0.138	0.125	0.128	0.144	0.136	0.156	0.145	0.130	15.12
58)	T	2,6-Dichlorophenol	0.271	0.249	0.297	0.278	0.259	0.277	0.292	0.334	0.307	0.285	9.07
59)	T	1-chloro-2-nitrobenzene	0.148	0.129	0.146	0.122	0.124	0.134	0.133	0.158	0.143	0.138	8.82
60)	T	Caprolactam		0.073	0.116	0.102	0.111	0.131	0.145	0.176	0.163	*L	0.9932
61)	T	1,2,4,5-Tetrachlorobenzene	0.496	0.399	0.476	0.439	0.405	0.433	0.408	0.469	0.419	0.438	7.95
62)	T	Biphenyl	0.959	0.811	1.017	0.891	0.840	0.868	0.849	0.948	0.826	0.890	7.85
63)	I	IS1_Acenaphthene-d10	----------------ISTD--------------------										
64)	T	3-Nitroaniline	0.346	0.238	0.304	0.296	0.270	0.313	0.331	0.343	0.338	0.309	11.82
65)	T	Acenaphthene	1.355	1.087	1.166	1.031	0.947	1.012	1.025	1.039	0.989	1.072	11.43
66)	T	2,4-Dinitrophenol		0.079	0.134	0.129	0.140	0.168	0.184	0.207	0.207	*L	0.9957
67)	T	Dibenzofuran	2.391	2.035	2.054	1.795	1.613	1.732	1.725	1.699	1.554	1.844	14.43
68)	T	2,4-Dinitrotoluene	0.358	0.362	0.394	0.371	0.358	0.410	0.439	0.457	0.465	0.402	10.75
69)	T	4-Nitrophenol	0.193	0.180	0.206	0.215	0.221	0.247	0.261	0.271	0.270	0.229	14.86
70)	T	2,3,5,6-Tetrachlorophenol	0.355	0.332	0.386	0.365	0.363	0.410	0.430	0.445	0.445	0.392	10.64
71)	T	2,3,4,6-Tetrachlorophenol	0.393	0.364	0.407	0.384	0.357	0.404	0.429	0.435	0.425	0.400	7.00
72)	T	Diethyl phthalate	1.802	1.542	1.610	1.447	1.318	1.452	1.480	1.460	1.362	1.497	9.57

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV112**	**Ical Ref**	**: ICAL22084**
Calibration dates	**: 03/13/25 13:47 03/14/25 00:48**		

Calibration Files

L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D

L8 =ADPL8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T	Fluorene	1.744	1.522	1.616	1.417	1.251	1.381	1.399	1.399	1.313	1.449	10.60
74)	T	4-Chlorophenyl-phenylether	0.952	0.808	0.824	0.765	0.667	0.711	0.725	0.726	0.701	0.764	11.32
75)	T	4-Nitroaniline	0.267	0.278	0.327	0.318	0.297	0.333	0.359	0.361	0.356	0.322	10.89
76)	T	4,6-Dinitro-o-cresol		0.167	0.211	0.219	0.212	0.242	0.259	0.280	0.282	0.234	16.85
77)	T	NDPA/DPA	1.285	1.184	1.240	1.201	1.095	1.178	1.192	1.199	1.142	1.191	4.51
78)	T	Azobenzene	1.521	1.294	1.413	1.351	1.214	1.346	1.355	1.329	1.224	1.339	6.98
79)	S	2,4,6-Tribromophenol			0.242	0.227	0.212	0.229	0.248	0.264	0.268	0.241	8.46
80)	T	4-Bromophenyl-phenylether	0.565	0.589	0.540	0.471	0.421	0.460	0.470	0.484	0.479	0.498	11.00
81)	T	Hexachlorobenzene	0.735	0.637	0.625	0.576	0.508	0.532	0.556	0.553	0.549	0.586	11.87
82)	T	Pentachlorophenol	0.280	0.247	0.280	0.274	0.276	0.333	0.357	0.390	0.398	0.315	17.67
83)	I	IS2_Acenaphthene-d10	----------------ISTD--------------------										
84)	T	Dichloran			0.179	0.143	0.154	0.169	0.181	0.235	0.223	0.183	18.43
85)	T	Pentachloronitrobenzene	0.191	0.160	0.185	0.177	0.172	0.198	0.200	0.244	0.224	0.195	13.43
86)	I	IS3_Acenaphthene-d10	----------------ISTD--------------------										
87)	T	Atrazine	0.525	0.396	0.442	0.428	0.388	0.431	0.469	0.605	0.544	0.470	15.62
88)	I	IS1_Phenanthrene-d10	----------------ISTD--------------------										
89)	T	Phenanthrene	1.468	1.193	1.252	1.072	0.963	1.012	1.006	0.981	0.869	1.091	16.86
90)	T	Anthracene	1.239	1.099	1.165	1.034	0.957	1.024	1.016	1.008	0.879	1.047	10.28
91)	T	Carbazole	1.110	0.988	1.059	0.982	0.891	0.961	0.969	0.954	0.847	0.974	8.09
92)	T	Di-n-butylphthalate	1.202	1.094	1.120	1.044	1.007	1.114	1.148	1.127	0.958	1.090	6.90
93)	T	Fluoranthene	1.546	1.354	1.387	1.274	1.163	1.255	1.262	1.221	1.052	1.279	10.99
94)	T	Benzidine			0.560	0.599	0.619	0.735	0.778	0.806	0.747	0.692	14.05
95)	T	Pyrene	1.538	1.336	1.531	1.354	1.255	1.343	1.326	1.260	1.076	1.335	10.56
96)	S	4-Terphenyl-d14	1.298	1.046	1.138	1.040	0.955	1.030	1.012	1.001	0.895	1.046	11.04
97)	T	Butyl benzyl phthalate	0.456	0.438	0.465	0.427	0.415	0.465	0.507	0.553	0.542	0.474	10.39
98)	I	IS2_Phenanthrene-d10	----------------ISTD--------------------										
99)	T	Diphenamid	0.466	0.384	0.424	0.403	0.394	0.436	0.458	0.549	0.497	0.446	11.95
100)	I	IS3_Phenanthrene-d10	----------------ISTD--------------------										
101)	T	n-Octadecane	0.451	0.332	0.373	0.354	0.318	0.356	0.393	0.489	0.431	0.389	14.83
102)	T	Parathion			0.102	0.085	0.076	0.086	0.101	0.146		*Q	0.9999
103)	T	3,3'-Dimethylbenzidine					0.519	0.669	0.808	1.114	0.980	*L	0.9916
104)	I	IS1_Chrysene-d12	----------------ISTD--------------------										
105)	T	Benzo[a]anthracene	1.580	1.240	1.381	1.266	1.098	1.214	1.222	1.185	1.015	1.245	13.04
106)	T	3,3'-Dichlorobenzidine	0.488	0.409	0.423	0.406	0.390	0.455	0.470	0.501	0.478	0.447	9.08
107)	T	Chrysene	1.530	1.333	1.365	1.239	1.072	1.141	1.124	1.053	0.876	1.192	16.43
108)	T	bis(2-Ethylhexyl)phthalate	0.672	0.527	0.604	0.552	0.558	0.656	0.690	0.710	0.629	0.622	10.54

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV112**	**Ical Ref**	**: ICAL22084**
Calibration dates	**: 03/13/25 13:47 03/14/25 00:48**		

Calibration Files

L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D

L8 =ADPL8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109)	T	Di-n-octylphthalate	1.006	0.901	0.954	0.908	0.880	1.057	1.126	1.142	0.967	0.994	9.73
110)	T	Benzo(b)fluoranthene	1.356	1.188	1.301	1.156	1.152	1.287	1.179	1.177	1.021	1.202	8.28
111)	T	Benzo(k)fluoranthene	1.474	1.222	1.376	1.283	1.038	1.146	1.213	1.108	0.944	1.200	13.73
112)	T	Benzo(a)pyrene	1.256	1.138	1.237	1.137	1.025	1.138	1.131	1.113	0.969	1.127	7.98
113)	I	IS1_Perylene-d12	----------------ISTD---------------------										
114)	T	Indeno(1,2,3-cd)pyrene	1.185	1.064	1.174	1.046	0.943	1.029	1.107	1.133	1.181	1.096	7.52
115)	T	Dibenzo[a,h]anthracene	1.158	1.017	1.144	1.052	0.952	1.056	1.076	1.095	1.018	1.063	6.08
116)	T	Benzo(g,h,i)perylene	1.328	1.085	1.197	1.099	0.979	1.056	1.063	1.074	1.007	1.099	9.60

Response Factor Report Dakota

Method Path : I:\8270\Dakota\241105RVTICAL\
Method File : FS241105RVT_Dakota.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Nov 11 15:34:18 2024
Response Via : Initial Calibration

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------------ISTD---------------------										
2)	t	N-Nitrosodimethylamine	0.688	0.547	0.631	0.657	0.592	0.619	0.625	0.637	0.677	0.630	6.87
3)	t	Pyridine	0.718	0.742	0.925	1.043	0.961	1.016	1.039	1.024	1.118	0.954	14.48
4)	S	2-Fluorophenol	1.049	1.004	1.119	1.011	0.907	1.005	1.012	1.034	1.114	1.028	6.19
5)	T	Aniline	1.820	1.428	1.670	1.497	1.407	1.535	1.513	1.561	1.671	1.567	8.42
6)	t	2-Chlorophenol	1.412	1.055	1.248	1.201	1.124	1.210	1.219	1.242	1.314	1.225	8.34
7)	S	Phenol-d6	1.562	1.289	1.387	1.281	1.108	1.276	1.276	1.308	1.365	1.317	9.16
8)	T	Phenol	1.717	1.324	1.459	1.383	1.257	1.388	1.373	1.397	1.488	1.421	9.16
9)	T	bis(2-Chloroethyl)ether	1.289	0.906	1.073	0.962	0.928	0.981	0.987	0.993	1.037	1.017	11.18
10)	T	1,3-Dichlorobenzene	1.989	1.455	1.700	1.552	1.372	1.510	1.497	1.511	1.602	1.577	11.40
11)	T	1,4-Dichlorobenzene	2.118	1.551	1.603	1.571	1.432	1.536	1.512	1.529	1.633	1.610	12.35
12)	T	1,2-Dichlorobenzene	1.695	1.566	1.655	1.525	1.383	1.466	1.447	1.489	1.583	1.534	6.57
13)	t	Benzyl alcohol	1.016	0.858	0.891	0.896	0.818	0.912	0.930	0.995	1.055	0.930	8.32
14)	T	bis(2-chloroisopropyl)ether	2.239	1.745	1.843	1.773	1.610	1.706	1.707	1.728	1.793	1.794	9.98
15)	T	2-Methylphenol	1.301	1.037	1.137	1.033	0.949	1.014	1.050	1.065	1.130	1.079	9.34
16)	T	Hexachloroethane	0.791	0.505	0.620	0.596	0.507	0.543	0.558	0.571	0.615	0.589	14.63
17)	T	n-Nitrosodi-n-propylamine	1.121	0.834	0.856	0.811	0.724	0.813	0.829	0.866	0.909	0.863	12.65
18)	T	3-Methylphenol/4-Methylphenol	1.510	1.200	1.173	1.153	0.986	1.108	1.108	1.166	1.239	1.182	12.02
19)	S	Nitrobenzene-d5	1.239	1.148	1.175	1.191	1.071	1.176	1.187	1.238	1.328	1.195	5.92
20)	T	Nitrobenzene	1.353	1.122	1.287	1.162	1.081	1.203	1.212	1.254	1.326	1.222	7.51
21)	T	Isophorone	2.724	2.161	2.268	2.038	1.932	2.172	2.181	2.313	2.433	2.247	10.29
22)	T	2-Nitrophenol	0.655	0.587	0.609	0.564	0.538	0.598	0.623	0.674	0.721	0.619	9.18
23)	T	2,4-Dimethylphenol	1.368	1.006	1.085	1.051	0.963	1.062	1.074	1.108	1.188	1.101	10.75
24)	T	bis(2-Chloroethoxy)methane	1.605	1.319	1.550	1.332	1.236	1.352	1.353	1.401	1.451	1.400	8.36
25)	T	2,4-Dichlorophenol	1.548	1.174	1.340	1.190	1.118	1.246	1.245	1.307	1.399	1.285	10.22
26)	T	1,2,4-Trichlorobenzene	1.977	1.522	1.585	1.488	1.349	1.476	1.475	1.515	1.611	1.555	11.25
27)	I	IS2_1,4-Dichlorobenzene-d4	----------------ISTD---------------------										
28)	T	Benzaldehyde	0.535	0.565	0.698	0.703	0.698	0.762	0.770	0.814	0.786	0.703	13.73
29)	T	Acetophenone	1.107	1.282	1.407	1.330	1.361	1.463	1.521	1.608	1.552	1.403	11.02
30)	T	m-Toluidine			1.080	1.092	1.257	1.323	1.390	1.457	1.409	1.287	11.76
31)	T	2-Chloroaniline	1.078	1.270	1.369	1.264	1.363	1.427	1.471	1.559	1.510	1.368	10.81
32)	I	IS3_1,4-Dichlorobenzene-d4	----------------ISTD---------------------										
33)	T	1,4-Dioxane		0.252	0.402	0.398	0.392	0.404	0.400	0.409	0.392	0.381	13.71
34)	t	n-Nitrosodieth...		0.349	0.372	0.347	0.382	0.401	0.414	0.437	0.420	0.390	8.57
35)	T	n-Decane	0.828	1.074	1.101	0.967	1.017	1.097	1.087	1.158	1.107	1.048	9.45
36)	t	n-Nitrosopyrro...	0.287	0.406	0.461	0.431	0.441	0.486	0.521	0.550	0.537	0.458	17.68
37)	I	IS1_Naphthalene-d8	----------------ISTD---------------------										
38)	T	Naphthalene	1.453	1.116	1.167	1.048	0.965	1.022	1.010	1.038	1.082	1.100	13.19
39)	T	Benzoic Acid					0.170	0.206	0.226	0.257	0.279	0.228	18.76
40)	T	4-Chloroaniline	0.150	0.114	0.123	0.117	0.108	0.118	0.114	0.119	0.125	0.121	9.98
41)	T	Hexachlorobutadiene	0.298	0.234	0.285	0.254	0.231	0.250	0.249	0.255	0.270	0.258	8.55
42)	T	p-Chloro-m-cresol	0.342	0.278	0.308	0.267	0.246	0.280	0.275	0.298	0.315	0.290	9.94
43)	T	2-Methylnaphthalene	1.045	0.738	0.807	0.705	0.659	0.700	0.706	0.729	0.763	0.761	15.02
44)	T	1-Methylnaphthalene	0.321	0.228	0.254	0.233	0.207	0.232	0.225	0.231	0.246	0.242	13.41
45)	T	Hexachlorocyclopentadiene	0.297	0.225	0.280	0.262	0.240	0.269	0.274	0.291	0.311	0.272	10.00

Response Factor Report Dakota

Method Path : I:\8270\Dakota\241105RVTICAL\
Method File : FS241105RVT_Dakota.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Nov 11 15:34:18 2024
Response Via : Initial Calibration

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
46)	T	2,4,6-Trichlorophenol	0.326	0.279	0.279	0.267	0.250	0.278	0.282	0.300	0.320	0.287	8.51
47)	T	2,4,5-Trichlorophenol	0.399	0.300	0.312	0.309	0.278	0.301	0.313	0.325	0.347	0.320	10.95
48)	S	2-Fluorobiphenyl	1.386	0.978	1.052	0.941	0.852	0.912	0.902	0.920	0.968	0.990	16.04
49)	T	2-Chloronaphthalene	1.113	0.897	0.884	0.813	0.728	0.799	0.774	0.811	0.853	0.852	13.02
50)	T	2-Nitroaniline	0.220	0.198	0.212	0.207	0.184	0.216	0.223	0.243	0.260	0.218	10.43
51)	T	1,4-Dinitrobenzene	0.093	0.063	0.090	0.090	0.086	0.094	0.101	0.113	0.122	0.095	17.69
52)	T	1,3-Dinitrobenzene	0.108	0.093	0.120	0.105	0.098	0.114	0.117	0.129	0.137	0.113	12.53
53)	T	Dimethyl phthalate	1.318	0.991	1.021	0.936	0.866	0.923	0.912	0.953	0.998	0.991	13.29
54)	T	Acenaphthylene	1.586	1.204	1.302	1.203	1.092	1.183	1.181	1.230	1.286	1.252	11.14
55)	T	2,6-Dinitrotoluene	0.192	0.157	0.185	0.174	0.167	0.186	0.187	0.201	0.215	0.185	9.50
56)	T	1,2-Dinitrobenzene		0.043	0.065	0.067	0.062	0.070	0.069	0.073	0.080	0.066	16.02
57)	I	IS2_Naphthalene-d8	----------------ISTD---------------------										
58)	T	a-Terpineol	0.162	0.210	0.212	0.213	0.210	0.235	0.239	0.261	0.251	0.221	13.16
59)	T	3-Chloroaniline		0.086	0.112	0.111	0.106	0.125	0.121	0.129	0.125	0.115	12.17
60)	T	2,6-Dichlorophenol	0.250	0.246	0.297	0.277	0.286	0.319	0.317	0.339	0.329	0.296	11.35
61)	T	1-chloro-2-nitrobenzene	0.068	0.091	0.114	0.114	0.114	0.126	0.124	0.137	0.133	0.113	19.26
62)	T	Caprolactam	0.115	0.103	0.112	0.114	0.113	0.127	0.132	0.146	0.142	0.123	12.07
63)	T	1,2,4,5-Tetrachlorobenzene	0.355	0.419	0.415	0.393	0.401	0.437	0.417	0.450	0.429	0.413	6.76
64)	T	Biphenyl	0.719	0.789	0.880	0.804	0.823	0.897	0.870	0.918	0.876	0.842	7.51
65)	I	IS1_Acenaphthene-d10	----------------ISTD---------------------										
66)	T	3-Nitroaniline	0.312	0.289	0.294	0.288	0.284	0.310	0.324	0.332	0.349	0.309	7.30
67)	T	Acenaphthene	1.665	1.203	1.195	1.092	1.004	1.062	1.049	1.077	1.122	1.163	17.13
68)	T	2,4-Dinitrophenol				0.130	0.149	0.172	0.185	0.208	0.226	*L	0.9959
69)	T	Dibenzofuran	2.796	2.124	2.085	1.944	1.749	1.824	1.814	1.833	1.885	2.006	16.04
70)	T	2,4-Dinitrotoluene	0.373	0.326	0.366	0.349	0.361	0.402	0.410	0.433	0.464	0.387	11.29
71)	T	4-Nitrophenol	0.229	0.206	0.209	0.221	0.208	0.233	0.237	0.255	0.273	0.230	9.86
72)	T	2,3,5,6-Tetrachlorophenol	0.465	0.419	0.459	0.406	0.390	0.425	0.429	0.454	0.481	0.436	6.86
73)	T	2,3,4,6-Tetrachlorophenol	0.536	0.376	0.418	0.411	0.383	0.413	0.421	0.432	0.461	0.428	11.15
74)	T	Diethyl phthalate	2.187	1.601	1.621	1.458	1.366	1.435	1.445	1.489	1.570	1.575	15.53
75)	T	Fluorene	2.060	1.606	1.598	1.495	1.311	1.420	1.399	1.439	1.498	1.536	14.16
76)	T	4-Chlorophenyl-phenylether	1.099	0.823	0.819	0.767	0.683	0.722	0.716	0.736	0.762	0.792	15.66
77)	T	4-Nitroaniline	0.236	0.258	0.299	0.296	0.275	0.312	0.317	0.337	0.357	0.299	12.76
78)	T	4,6-Dinitro-o-cresol	0.240	0.149	0.221	0.215	0.210	0.242	0.251	0.278	0.300	0.234	18.54
79)	T	NDPA/DPA	1.902	1.355	1.398	1.272	1.134	1.220	1.202	1.245	1.300	1.337	16.94
80)	T	Azobenzene	1.550	1.299	1.365	1.219	1.116	1.216	1.210	1.254	1.298	1.281	9.61
81)	S	2,4,6-Tribromophenol	0.315	0.286	0.278	0.265	0.249	0.272	0.276	0.299	0.332	0.286	8.99
82)	T	4-Bromophenyl-phenylether	0.722	0.544	0.560	0.476	0.442	0.474	0.474	0.485	0.517	0.522	16.10
83)	T	Hexachlorobenzene	0.895	0.718	0.682	0.616	0.571	0.586	0.579	0.605	0.656	0.656	15.60
84)	T	Pentachlorophenol	0.372	0.280	0.312	0.320	0.315	0.357	0.379	0.412	0.455	0.356	15.51
85)	I	IS2_Acenaphthene-d10	----------------ISTD---------------------										
86)	T	Dichloran		0.151	0.132	0.142	0.146	0.165	0.185	0.214	0.217	0.169	19.47
87)	T	Pentachloronitrobenzene			0.157	0.173	0.164	0.181	0.190	0.220	0.221	0.187	13.74
88)	I	IS3_Acenaphthene-d10	----------------ISTD---------------------										
89)	T	Atrazine	0.307	0.322	0.368	0.285	0.313	0.342	0.350	0.401	0.400	0.343	11.90
90)	I	IS1_Phenanthrene-d10	----------------ISTD---------------------										

Response Factor Report Dakota

Method Path : I:\8270\Dakota\241105RVTICAL\
Method File : FS241105RVT_Dakota.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Nov 11 15:34:18 2024
Response Via : Initial Calibration

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
91)	T	Phenanthrene	1.655	1.246	1.214	1.134	1.019	1.085	1.072	1.100	1.119	1.183	16.11
92)	T	Anthracene	1.572	1.147	1.191	1.098	1.017	1.082	1.065	1.115	1.153	1.160	14.06
93)	T	Carbazole	1.327	1.038	1.109	1.013	0.956	1.020	1.001	1.037	1.079	1.064	10.14
94)	T	Di-n-butylphthalate	1.417	1.094	1.207	1.105	1.064	1.185	1.204	1.275	1.309	1.207	9.42
95)	T	Fluoranthene	1.943	1.443	1.460	1.351	1.250	1.321	1.315	1.344	1.374	1.422	14.44
96)	T	Benzidine	0.815	0.657	0.698	0.696	0.708	0.801	0.818	0.853	0.900	0.772	10.90
97)	T	Pyrene	2.028	1.546	1.562	1.479	1.353	1.429	1.397	1.427	1.456	1.520	13.29
98)	S	4-Terphenyl-d14	1.660	1.139	1.202	1.092	1.007	1.066	1.052	1.085	1.114	1.157	16.95
99)	T	Butyl benzyl phthalate	0.567	0.415	0.479	0.447	0.453	0.520	0.541	0.594	0.635	0.517	14.34
100)	I	IS2_Phenanthrene-d10	----------------ISTD--------------------										
101)	T	Diphenamid	0.347	0.380	0.392	0.377	0.390	0.434	0.456	0.494	0.474	0.416	12.13
102)	I	IS3_Phenanthrene-d10	----------------ISTD--------------------										
103)	T	n-Octadecane	0.279	0.354	0.355	0.289	0.309	0.332	0.347	0.369	0.369	0.334	10.10
104)	T	Parathion			0.076	0.062	0.069	0.074	0.086	0.106	0.115	*Q	0.9978
105)	T	3,3'-Dimethylbenzidine				0.425	0.542	0.649	0.734	0.845	0.870	*L	0.9972
106)	I	IS1_Chrysene-d12	----------------ISTD--------------------										
107)	T	Benzo[a]anthracene	1.869	1.383	1.408	1.283	1.164	1.251	1.262	1.278	1.301	1.355	15.16
108)	T	3,3'-Dichlorobenzidine	0.587	0.439	0.489	0.467	0.455	0.503	0.519	0.533	0.552	0.505	9.52
109)	T	Chrysene	1.959	1.373	1.454	1.290	1.162	1.224	1.199	1.230	1.250	1.349	18.23
110)	T	bis(2-Ethylhexyl)phthalate	0.831	0.597	0.665	0.632	0.630	0.732	0.775	0.822	0.855	0.726	13.56
111)	T	Di-n-octylphthalate	1.380	1.021	1.044	1.017	1.027	1.217	1.316	1.411	1.473	1.212	15.54
112)	T	Benzo(b)fluoranthene	1.822	1.402	1.469	1.372	1.282	1.313	1.333	1.348	1.437	1.420	11.43
113)	T	Benzo(k)fluoranthene	1.743	1.264	1.425	1.314	1.209	1.355	1.362	1.367	1.409	1.383	10.93
114)	T	Benzo(a)pyrene	1.495	1.196	1.246	1.206	1.127	1.232	1.262	1.289	1.349	1.267	8.34
115)	I	IS1_Perylene-d12	----------------ISTD--------------------										
116)	T	Indeno(1,2,3-cd)pyrene	1.598	1.131	1.193	1.086	1.057	1.169	1.203	1.283	1.387	1.234	13.71
117)	T	Dibenzo[a,h]anthracene	1.503	1.130	1.213	1.140	1.076	1.169	1.186	1.217	1.281	1.213	10.21
118)	T	Benzo(g,h,i)perylene	1.547	1.172	1.230	1.097	1.024	1.118	1.137	1.171	1.234	1.192	12.43

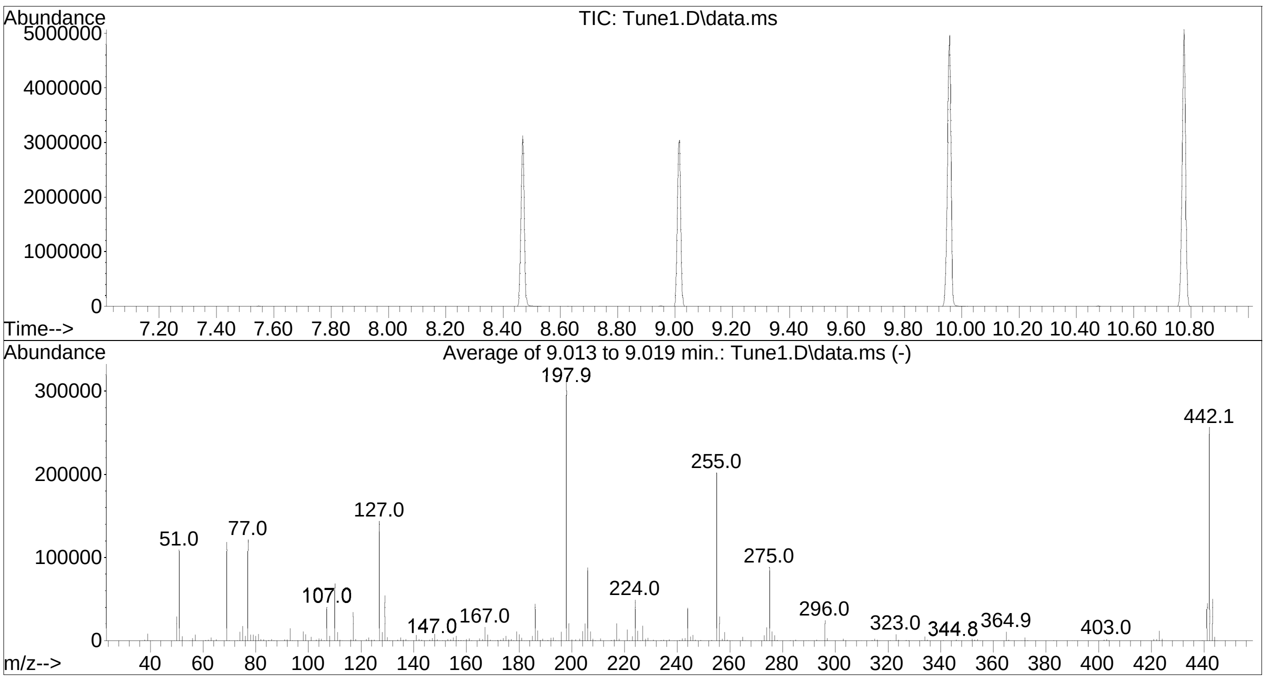
(#) = Out of Range

DFTPP

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : Tune1.D
Acq On : 5 Nov 2024 4:36 pm
Operator : Dakota:HNY
Sample : Tune1 Lot # 11144
Misc : WG1994500
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Nov 11 15:34:18 2024



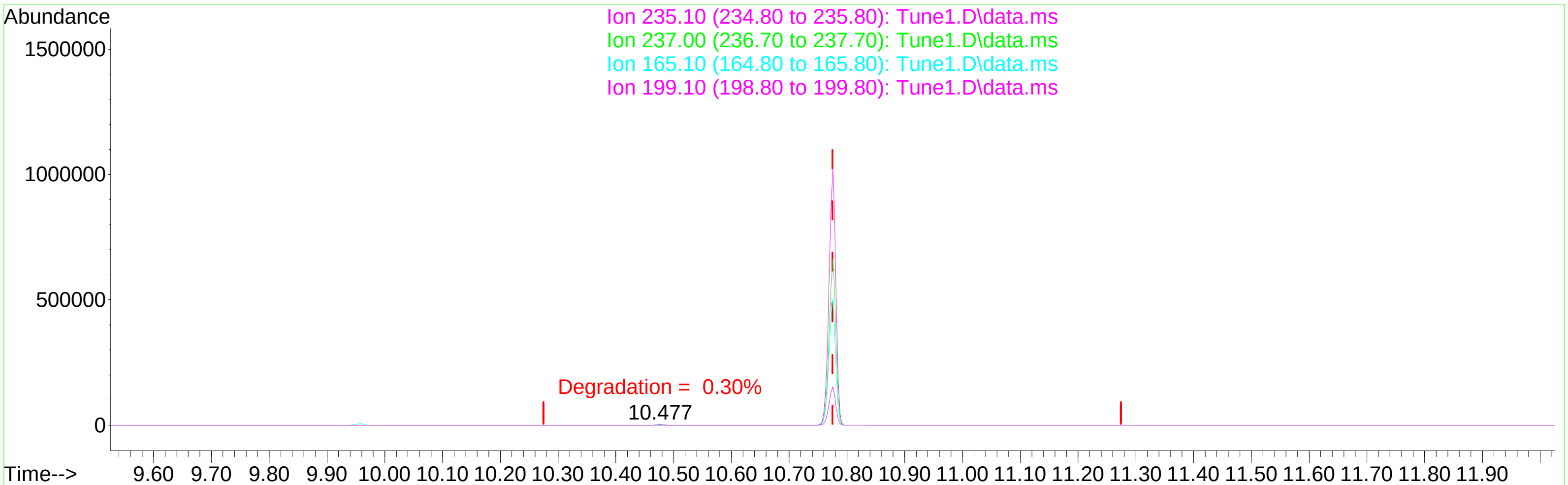
Spectrum Information: Average of 9.013 to 9.019 min.

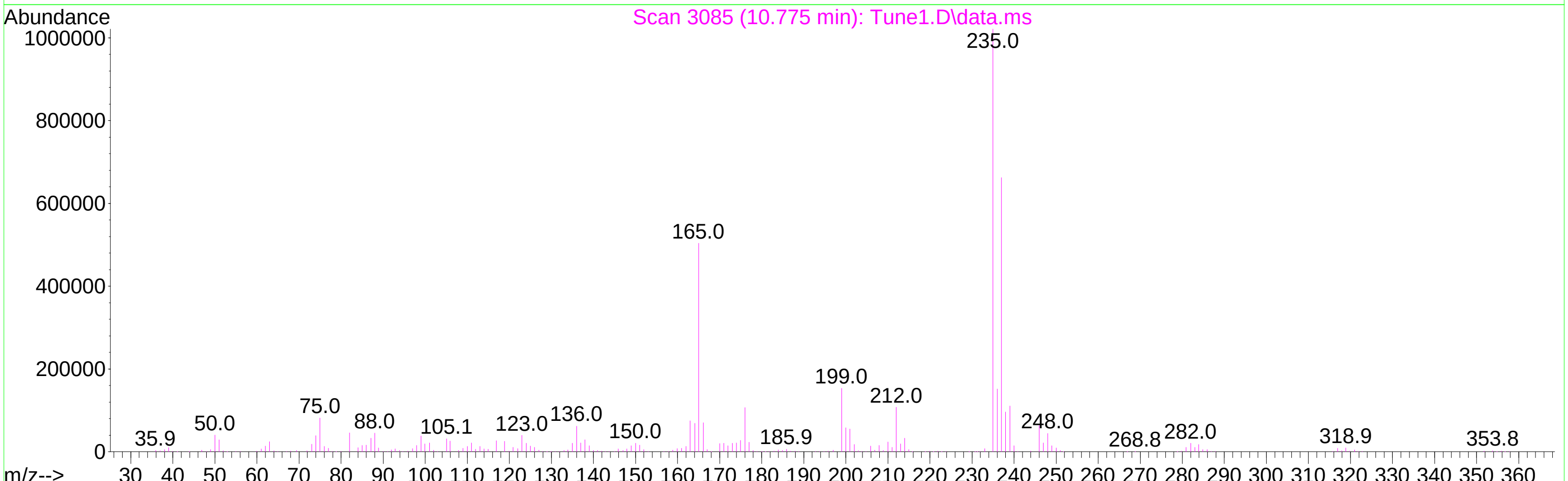
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	34.4	108867	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	118323	PASS
70	69	0.00	2	0.6	688	PASS
127	198	10	80	45.2	143328	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	316843	PASS
199	198	5	9	6.5	20619	PASS
275	198	10	60	27.8	88232	PASS
365	198	1	100	3.3	10554	PASS
441	442	0.01	24	17.4	44621	PASS
442	198	50	100	80.8	256128	PASS
443	442	15	24	19.7	50387	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : Tune1.D
Acq On : 5 Nov 2024 4:36 pm
Operator : Dakota:HNY
Sample : Tune1 Lot # 11144
Misc : WG1994500
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Nov 05 18:26:55 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\DftppDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Nov 01 13:11:54 2024
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot # 11144]

(6) DDT (T)

10.775min (+ 0.000) 139.61

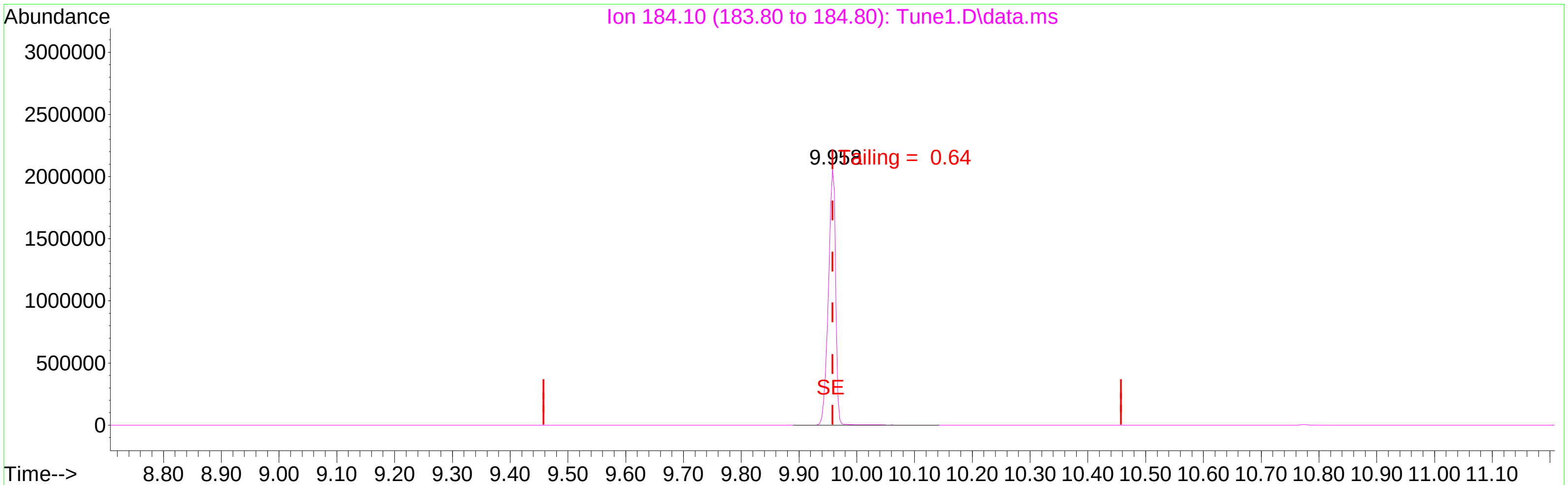
response 851056

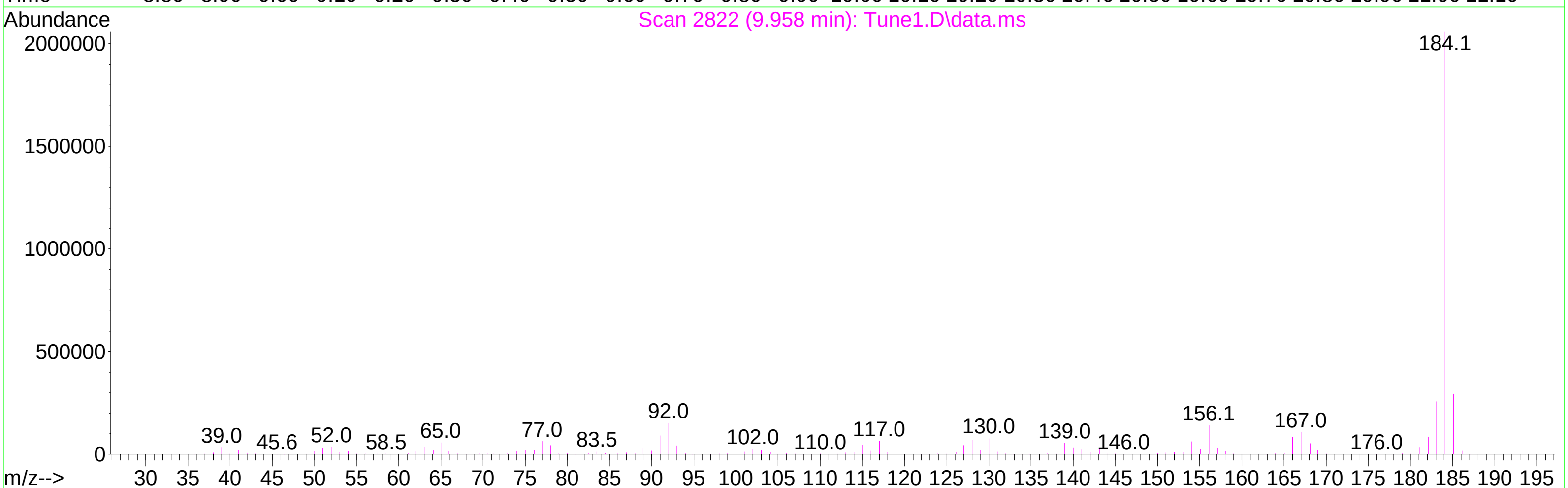
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.90	64.29
165.10	48.70	47.50
199.10	15.80	14.59

Quantitation Report (Qedit)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : Tune1.D
Acq On : 5 Nov 2024 4:36 pm
Operator : Dakota:HNY
Sample : Tune1 Lot # 11144
Misc : WG1994500
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Nov 05 18:26:55 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\DftppDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Nov 01 13:11:54 2024
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot # 11144]

(3) Benzidine (T)

9.958min (+ 0.000) 176.60

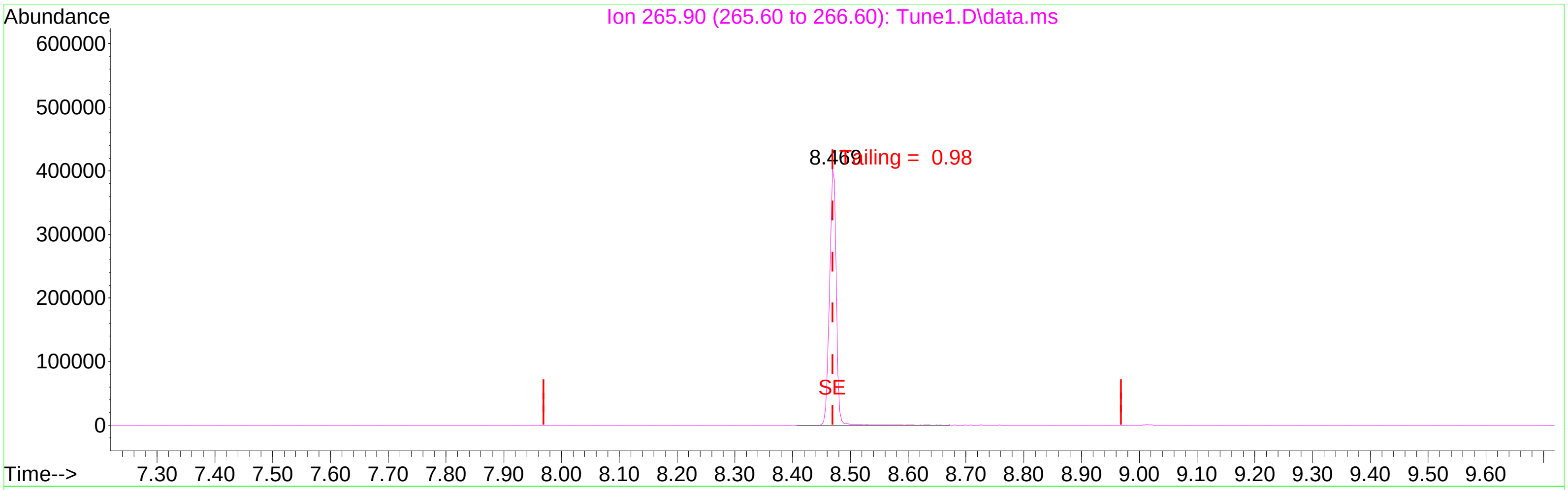
response 1797793

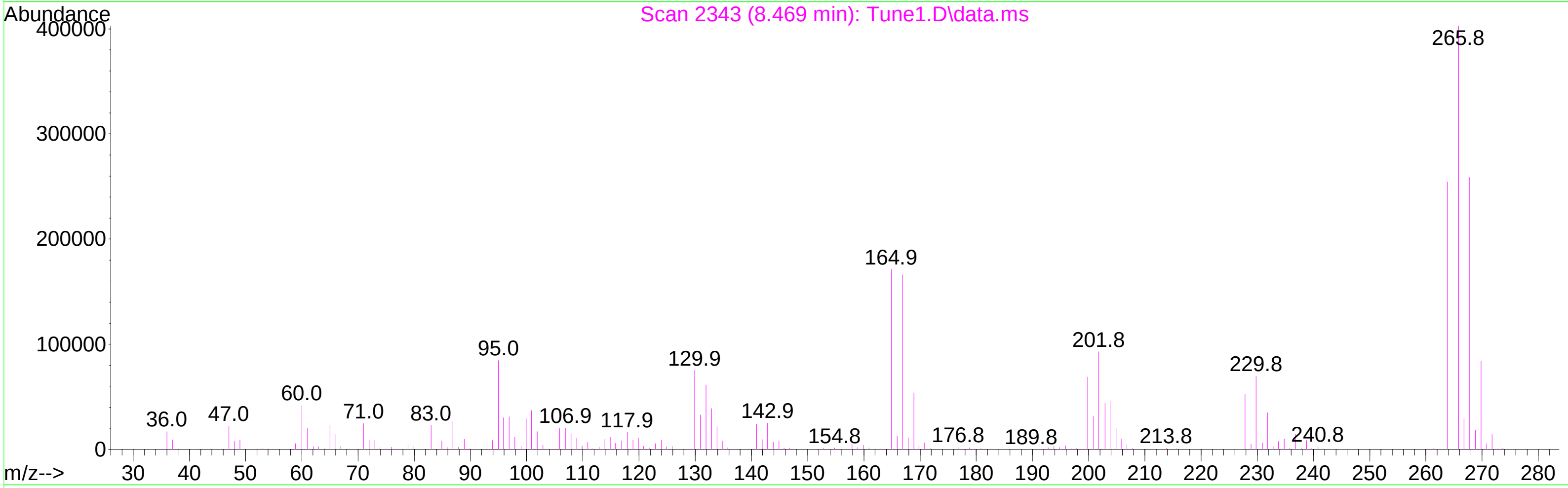
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : Tune1.D
Acq On : 5 Nov 2024 4:36 pm
Operator : Dakota:HNY
Sample : Tune1 Lot # 11144
Misc : WG1994500
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Nov 05 18:26:55 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\DftppDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Nov 01 13:11:54 2024
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot # 11144]

(1) Pentachlorophenol (T)

8.469min (+ 0.000) 155.17

response 325922

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL9.D
Acq On : 5 Nov 2024 4:59 pm
Operator : Dakota:HNY
Sample : IL2,32,,ABNL50 Lot# 11111
Misc : WG1994500
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 09:27:38 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.286	152	30652	4.000 ug/ml	0.00
Standard Area 1 = 28960			Recovery =	105.84%	
37) IS1_Naphthalene-d8	5.523	136	115575	4.000 ug/ml	# 0.00
Standard Area 1 = 107558			Recovery =	107.45%	
65) IS1_Acenaphthene-d10	7.217	164	76687	4.000 ug/ml	0.00
Standard Area 1 = 69553			Recovery =	110.26%	
90) IS1_Phenanthrene-d10	8.628	188	166987	4.000 ug/ml	0.00
Standard Area 1 = 149813			Recovery =	111.46%	
106) IS1_Chrysene-d12	11.204	240	194641	4.000 ug/ml	0.01
Standard Area 1 = 173036			Recovery =	112.49%	
115) IS1_Perylene-d12	12.615	264	225226	4.000 ug/ml	0.00
Standard Area 1 = 203359			Recovery =	110.75%	
System Monitoring Compounds					
4) 2-Fluorophenol	2.999	112	426850	59.194 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery	= 2959.70%#	
7) Phenol-d6	3.997	99	522918	56.419 ug/ml	0.01
Spiked Amount 2.000	Range 15 - 110		Recovery	= 2820.95%#	
19) Nitrobenzene-d5	4.836	82	509012	60.281 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery	= 6028.10%#	
48) 2-Fluorobiphenyl	6.598	172	1397973	47.353 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery	= 4735.30%#	
81) 2,4,6-Tribromophenol	7.978	330	318182	63.648 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery	= 3182.40%#	
98) 4-Terphenyl-d14	10.197	244	2326146	51.642 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery	= 5164.20%#	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) n-Nitrosodimethylamine	1.600	74	259400	52.853 ug/ml#	81
3) Pyridine	1.628	79	428290M4	55.731 ug/ml	
5) Aniline	3.972	93	640203	53.323 ug/ml	97
6) 2-Chlorophenol	4.084	128	503520	57.731 ug/ml#	89
8) Phenol	4.009	94	570150	52.586 ug/ml	95
9) Bis(2-chloroethyl)ether	4.062	93	397399	51.752 ug/ml	97
10) 1,3-Dichlorobenzene	4.227	146	613947	47.830 ug/ml	94
11) 1,4-Dichlorobenzene	4.301	146	625718	49.989 ug/ml	94
12) 1,2-Dichlorobenzene	4.447	146	606587	50.459 ug/ml	94
13) Benzyl alcohol	4.457	79	404093	59.695 ug/ml	99
14) Bis(2-chloroisopropyl)...	4.593	45	686842	43.928 ug/ml#	58

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL9.D
Acq On : 5 Nov 2024 4:59 pm
Operator : Dakota:HNY
Sample : IL2,32,,ABNL50 Lot# 11111
Misc : WG1994500
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 09:27:38 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	4.593	108	432836	56.676 ug/ml	99
16) Hexachloroethane	4.774	117	235552	51.801 ug/ml#	50
17) n-Nitrosodi-n-propylamine	4.730	70	348350	54.578 ug/ml#	88
18) 3-Methylphenol/4-Methy...	4.758	108	474628	58.576 ug/ml	98
20) Nitrobenzene	4.855	77	508075	56.813 ug/ml	99
21) Isophorone	5.103	82	932214	56.512 ug/ml	95
22) 2-Nitrophenol	5.168	139	276353	73.081 ug/ml#	86
23) 2,4-Dimethylphenol	5.265	107	455183	59.441 ug/ml	98
24) Bis(2-chloroethoxy)met...	5.346	93	555844	53.062 ug/ml#	95
25) 2,4-Dichlorophenol	5.414	162	535919	56.225 ug/ml#	93
26) 1,2,4-Trichlorobenzene	5.482	180	617065	49.088 ug/ml	96
38) Naphthalene	5.545	128	1563409	50.438 ug/ml	99
39) Benzoic Acid	5.448	105	403452	57.603 ug/ml	94
40) 4-Chloroaniline	5.625	65	180490	44.567 ug/ml#	66
41) Hexachlorobutadiene	5.697	225	390074	48.367 ug/ml	99
42) p-Chloro-m-cresol	6.132	107	455050	56.560 ug/ml	90
43) 2-Methylnaphthalene	6.222	142	1101989	50.436 ug/ml	95
44) 1-Methylnaphthalene	6.312	115	355748	49.874 ug/ml	94
45) Hexachlorocyclopentadiene	6.390	237	448866	57.912 ug/ml	98
46) 2,4,6-Trichlorophenol	6.514	196	461815	54.022 ug/ml	99
47) 2,4,5-Trichlorophenol	6.542	196	501540	53.375 ug/ml	99
49) 2-Chloronaphthalene	6.682	162	1232869	48.247 ug/ml	93
50) 2-Nitroaniline	6.806	138	375805	64.681 ug/ml#	76
51) 1,4-Dinitrobenzene	6.940	168	176371	60.844 ug/ml	79
52) 1,3-Dinitrobenzene	7.015	168	197913	57.416 ug/ml#	1
53) Dimethyl phthalate	7.021	163	1441304	47.423 ug/ml#	97
54) Acenaphthylene	7.077	152	1857454	49.980 ug/ml	98
55) 2,6-Dinitrotoluene	7.055	165	311315	60.836 ug/ml#	75
56) 1,2-Dinitrobenzene	7.099	168	114969	57.322 ug/ml	96
66) 3-Nitroaniline	7.207	138	334091	65.269 ug/ml#	84
67) Acenaphthene	7.248	154	1075382	50.509 ug/ml	89
68) 2,4-Dinitrophenol	7.307	184	216833	65.280 ug/ml#	81
69) Dibenzofuran	7.419	168	1807087	49.044 ug/ml#	81
70) 2,4-Dinitrotoluene	7.437	165	444663	62.937 ug/ml#	75
71) 4-Nitrophenol	7.413	65	261902	64.521 ug/ml#	1
72) 2,3,5,6-Tetrachlorophenol	7.512	232	460699	61.758 ug/ml	99
73) 2,3,4,6-Tetrachlorophenol	7.552	232	441598	60.168 ug/ml	98
74) Diethyl phthalate	7.702	149	1504708	51.958 ug/ml	98
75) Fluorene	7.745	166	1436151	49.717 ug/ml	92
76) 4-Chlorophenyl phenyl ...	7.767	204	730405	48.977 ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL9.D
Acq On : 5 Nov 2024 4:59 pm
Operator : Dakota:HNY
Sample : IL2,32,,ABNL50 Lot# 11111
Misc : WG1994500
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 09:27:38 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 4-Nitroaniline	7.801	138	342396	60.275 ug/ml#	69
78) 4,6-Dinitro-o-cresol	7.829	198	287986	56.625 ug/ml#	56
79) NDPA/DPA	7.891	169	1246099	49.971 ug/ml	93
80) Azobenzene	7.919	77	1244414	53.600 ug/ml	98
82) 4-Bromophenyl phenyl e...	8.233	248	495260M3	52.189 ug/ml	
83) Hexachlorobenzene	8.277	284	628621	52.365 ug/ml#	80
84) Pentachlorophenol	8.472	266	435993	66.782 ug/ml	99
91) Phenanthrene	8.653	178	2336584	49.387 ug/ml	99
92) Anthracene	8.702	178	2406283	51.441 ug/ml	98
93) Carbazole	8.876	167	2253274	51.023 ug/ml	97
94) Di-n-butylphthalate	9.277	149	2732871	56.111 ug/ml#	98
95) Fluoranthene	9.793	202	2867925	48.973 ug/ml#	92
96) Benzidine	9.955	184	1878693	56.269 ug/ml#	94
97) Pyrene	10.002	202	3038413	48.767 ug/ml	98
99) Butyl benzyl phthalate	10.716	149	1326004	63.789 ug/ml#	82
107) Benzo(a)anthracene	11.195	228	3166019	49.297 ug/ml	98
108) 3,3'-Dichlorobenzidine	11.208	252	1342833	57.018 ug/ml#	96
109) Chrysene	11.236	228	3040984	49.111 ug/ml	97
110) Bis(2-ethylhexyl)phtha...	11.341	149	2080032	61.018 ug/ml#	89
111) Di-n-octylphthalate	12.003	149	3584357	63.929 ug/ml#	72
112) Benzo(b)fluoranthene	12.270	252	3497162	53.103 ug/ml#	93
113) Benzo(k)fluoranthene	12.302	252	3427673M3	52.799 ug/ml	
114) Benzo(a)pyrene	12.575	252	3281306M2	54.636 ug/ml	
116) Indeno(1,2,3-cd)pyrene	13.570	276	3906250	56.698 ug/mL#	89
117) Dibenzo(a,h)anthracene	13.595	278	3606363	53.295 ug/ml#	89
118) Benzo(ghi)perylene	13.784	276	3474271	53.027 ug/ml#	86

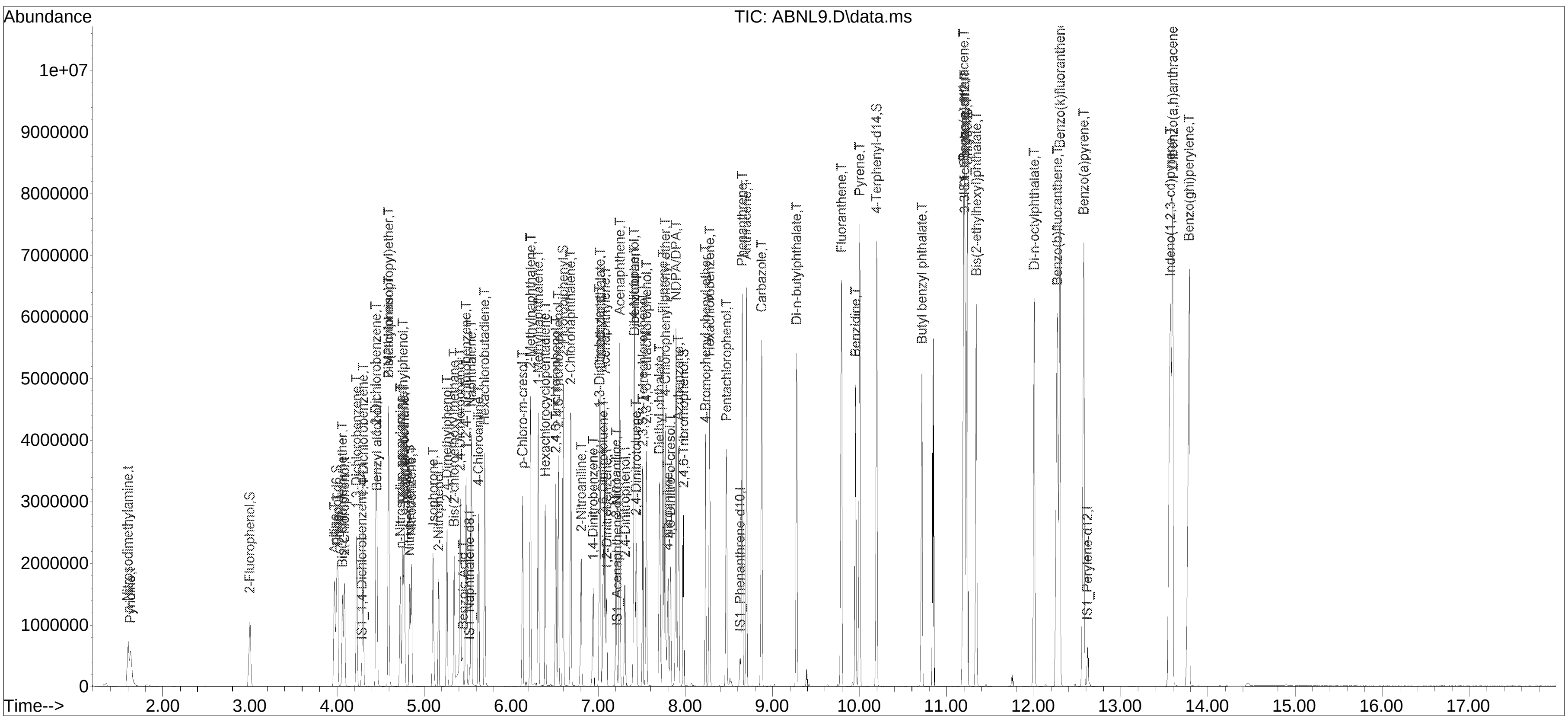
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL9.D
Acq On : 5 Nov 2024 4:59 pm
Operator : Dakota:HNY
Sample : IL2,32,,ABNL50 Lot# 11111
Misc : WG1994500
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 09:27:38 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

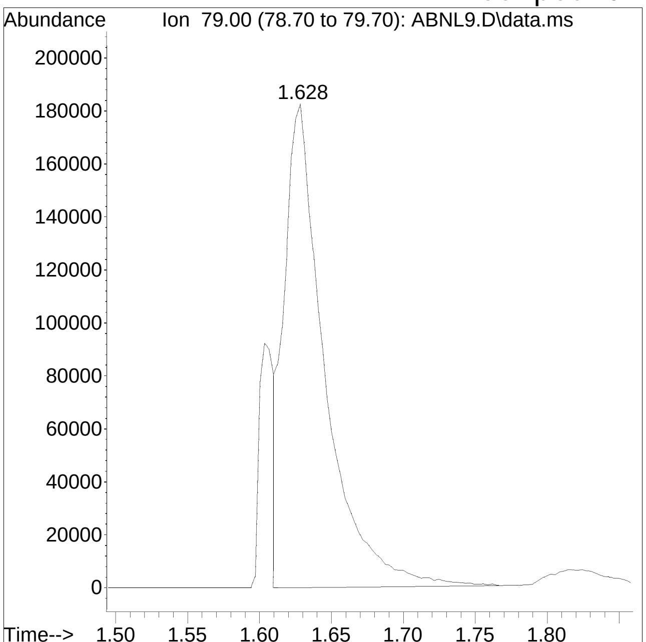
Sub List : ABNical - ABN ical sublistVTICAL\ABNL6.D•

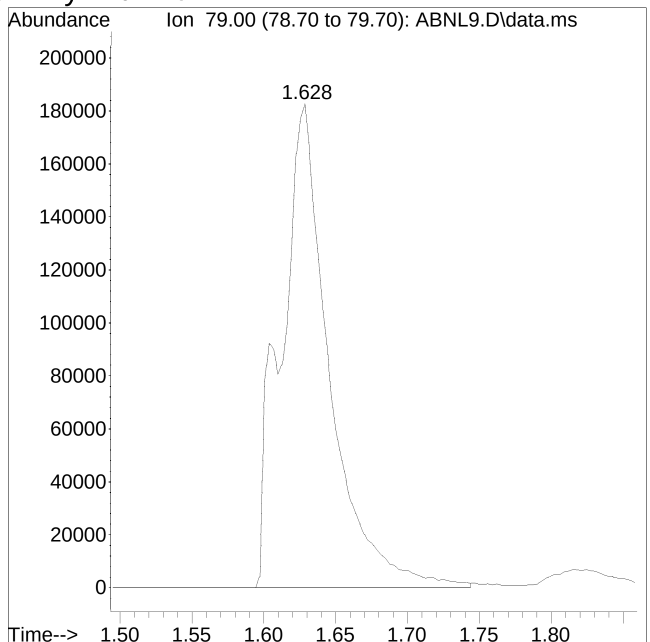


Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL9.D                    Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  4:59 pm         Instrument  : Dakota
Sample      : IL2,32,,ABNL50 Lot# 11111 Quant Date  : 11/6/2024  8:36 am
```

Compound #3: Pyridine





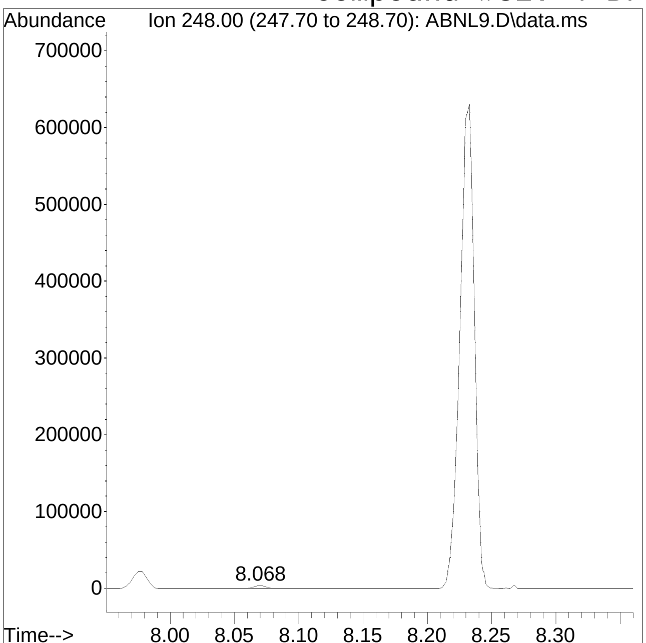
Original Peak Response = 361277 Manual Peak Response = 428290 M4

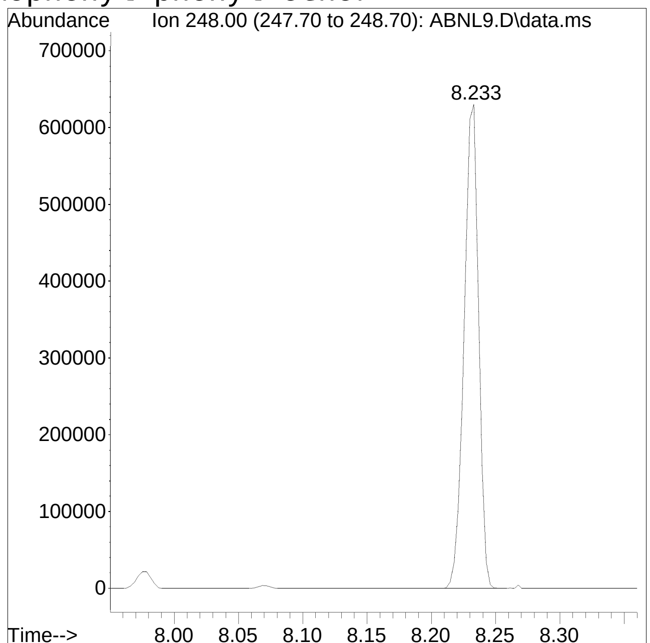
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNL9.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 4:59 pm Instrument : Dakota
Sample : IL2,32,,ABNL50 Lot# 11111 Quant Date : 11/6/2024 8:36 am

Compound #82: 4-Bromophenyl phenyl ether





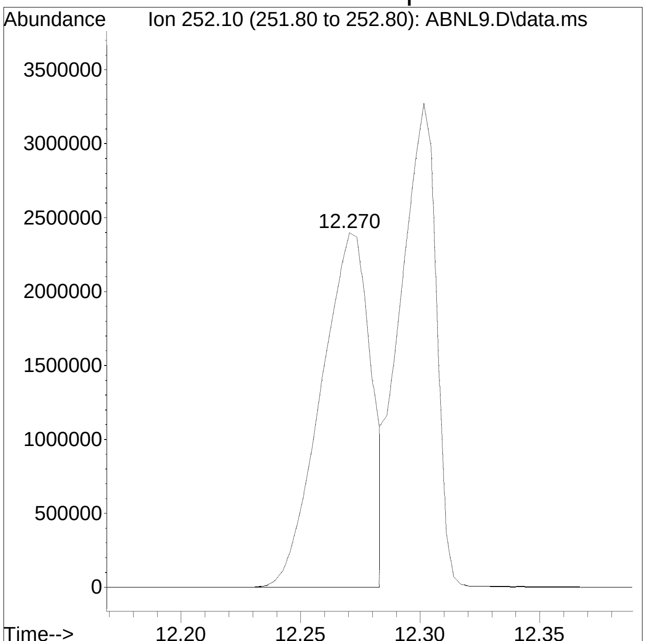
Original Peak Response = 2880 Manual Peak Response = 495260 M3

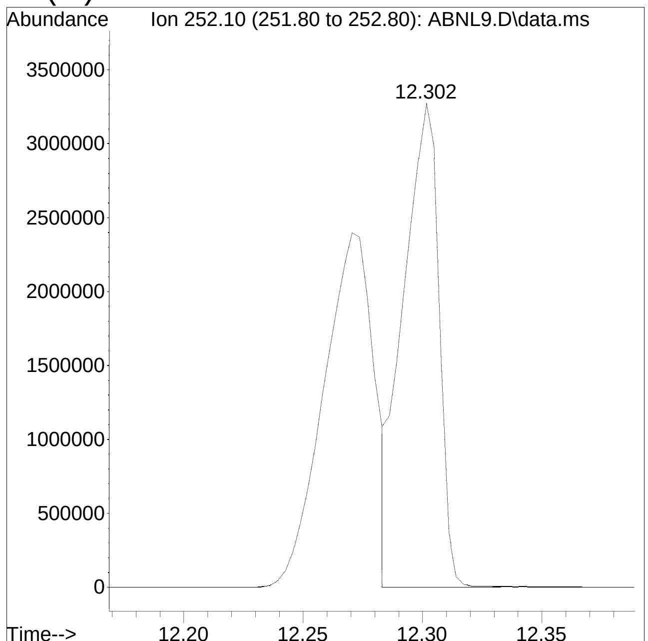
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNL9.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 4:59 pm Instrument : Dakota
Sample : IL2,32,,ABNL50 Lot# 11111 Quant Date : 11/6/2024 8:36 am

Compound #113: Benzo(k)fluoranthene



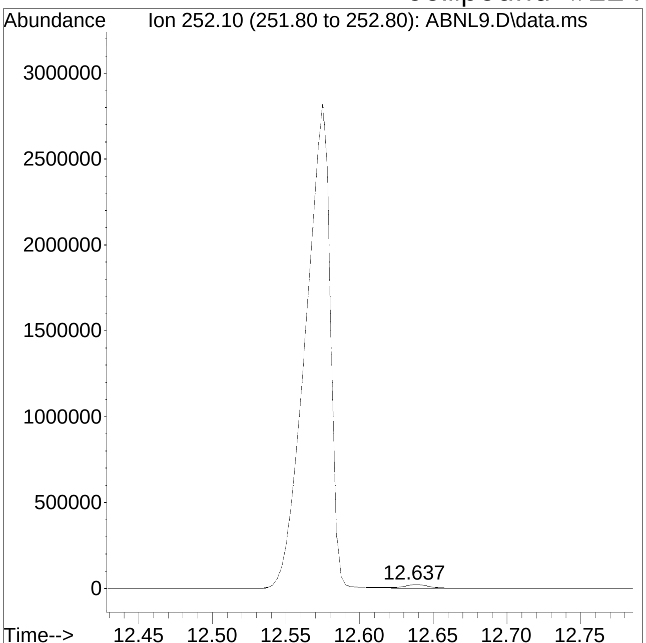


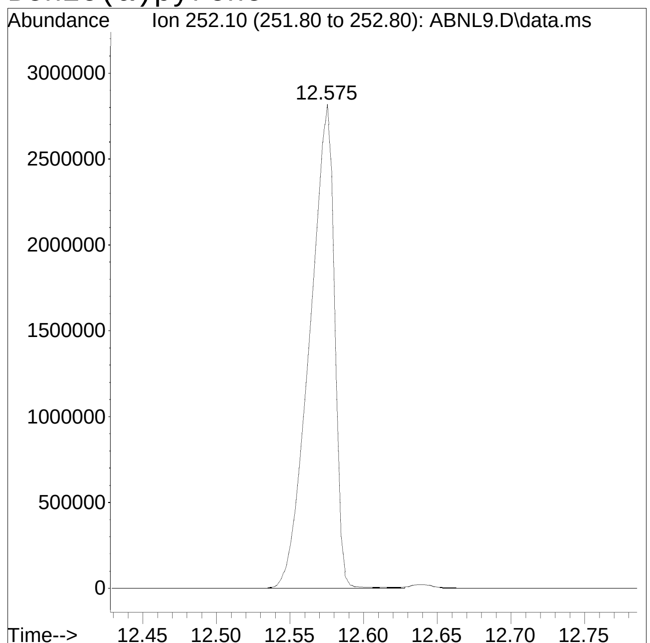
Original Peak Response = 3497162 Manual Peak Response = 3427673 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNL9.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 4:59 pm Instrument : Dakota
Sample : IL2,32,,ABNL50 Lot# 11111 Quant Date : 11/6/2024 8:36 am

Compound #114: Benzo(a)pyrene





Original Peak Response = 25864 Manual Peak Response = 3281306 M2
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL8.D
Acq On : 5 Nov 2024 5:23 pm
Operator : Dakota:HNY
Sample : IL3,32,,ABNL25 Lot# 11112
Misc : WG1994500
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 09:26:22 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

```
        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.286  152     32882     4.000 ug/ml    0.00
    Standard Area 1 = 28960                 Recovery   =  113.54%
37) IS1_Naphthalene-d8          5.523  136    122219     4.000 ug/ml    0.00
    Standard Area 1 = 107558                 Recovery   =  113.63%
65) IS1_Acenaphthene-d10        7.213  164     80019     4.000 ug/ml    0.00
    Standard Area 1 = 69553                 Recovery   =  115.05%
90) IS1_Phenanthrene-d10        8.625  188    170526     4.000 ug/ml    0.00
    Standard Area 1 = 149813                 Recovery   =  113.83%
106) IS1_Chrysene-d12          11.198  240    195039     4.000 ug/ml    0.00
    Standard Area 1 = 173036                 Recovery   =  112.72%
115) IS1_Perylene-d12          12.612  264    222671     4.000 ug/ml    0.00
    Standard Area 1 = 203359                 Recovery   =  109.50%

 System Monitoring Compounds
 4) 2-Fluorophenol              2.999  112    212455    27.464 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   = 1373.20%#
 7) Phenol-d6                   3.990   99    268911    27.046 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   = 1352.30%#
19) Nitrobenzene-d5             4.833   82    254511    28.097 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 2809.70%#
48) 2-Fluorobiphenyl            6.595  172    702587    22.505 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 2250.50%#
81) 2,4,6-Tribromophenol        7.972  330    149763    28.710 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   = 1435.50%#
98) 4-Terphenyl-d14            10.194  244   1156113    25.134 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 2513.40%#

 Target Compounds                                                   Qvalue
 2) n-Nitrosodimethylamine      1.603   74     130982     24.878 ug/ml#    80
 3) Pyridine                    1.631   79     210509     25.535 ug/ml#    60
 5) Aniline                     3.969   93     320735     24.903 ug/ml     97
 6) 2-Chlorophenol              4.081  128     255159     27.271 ug/ml#    88
 8) Phenol                      4.003   94     287124     24.686 ug/ml     96
 9) Bis(2-chloroethyl)ether     4.059   93     204030     24.768 ug/ml     98
10) 1,3-Dichlorobenzene         4.227  146     310564     22.554 ug/ml     94
11) 1,4-Dichlorobenzene         4.301  146     314288     23.406 ug/ml     94
12) 1,2-Dichlorobenzene         4.447  146     305963     23.725 ug/ml     94
13) Benzyl alcohol              4.454   79     204562     28.170 ug/ml    100
14) Bis(2-chloroisopropyl)...   4.593   45     355071     21.169 ug/ml#    60
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL8.D
Acq On : 5 Nov 2024 5:23 pm
Operator : Dakota:HNY
Sample : IL3,32,,ABNL25 Lot# 11112
Misc : WG1994500
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 09:26:22 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	4.593	108	218784	26.705 ug/ml	98
16) Hexachloroethane	4.774	117	117262	24.038 ug/ml#	50
17) n-Nitrosodi-n-propylamine	4.724	70	178039	26.002 ug/ml#	88
18) 3-Methylphenol/4-Methy...	4.752	108	239554	27.559 ug/ml	99
20) Nitrobenzene	4.851	77	257804	26.872 ug/ml	99
21) Isophorone	5.097	82	475439	26.867 ug/ml	95
22) 2-Nitrophenol	5.168	139	138413	34.121 ug/ml#	86
23) 2,4-Dimethylphenol	5.259	107	227762	27.726 ug/ml	99
24) Bis(2-chloroethoxy)met...	5.342	93	287885	25.618 ug/ml#	95
25) 2,4-Dichlorophenol	5.411	162	268517	26.260 ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.482	180	311284	23.084 ug/ml	96
38) Naphthalene	5.541	128	793205	24.199 ug/ml	99
39) Benzoic Acid	5.408	105	196632	27.424 ug/ml	94
40) 4-Chloroaniline	5.622	65	90913	21.228 ug/ml#	66
41) Hexachlorobutadiene	5.697	225	194721	22.832 ug/ml	99
42) p-Chloro-m-cresol	6.129	107	227472	26.736 ug/ml	90
43) 2-Methylnaphthalene	6.219	142	556861	24.101 ug/ml	96
44) 1-Methylnaphthalene	6.309	115	176736	23.431 ug/ml	93
45) Hexachlorocyclopentadiene	6.390	237	222494	27.145 ug/ml	100
46) 2,4,6-Trichlorophenol	6.511	196	228866	25.317 ug/ml	97
47) 2,4,5-Trichlorophenol	6.539	196	248308	24.989 ug/ml	99
49) 2-Chloronaphthalene	6.682	162	619402	22.922 ug/ml	93
50) 2-Nitroaniline	6.800	138	185396	30.174 ug/ml#	77
51) 1,4-Dinitrobenzene	6.934	168	86479	28.212 ug/ml	81
52) 1,3-Dinitrobenzene	7.008	168	98273M3	26.960 ug/ml	
53) Dimethyl phthalate	7.011	163	727981	22.651 ug/ml#	97
54) Acenaphthylene	7.071	152	939390	23.903 ug/ml	99
55) 2,6-Dinitrotoluene	7.049	165	153890	28.438 ug/ml#	75
56) 1,2-Dinitrobenzene	7.089	168	55846	26.330 ug/ml#	85
66) 3-Nitroaniline	7.201	138	166040	31.088 ug/ml#	84
67) Acenaphthene	7.245	154	538516	24.240 ug/ml	88
68) 2,4-Dinitrophenol	7.297	184	103900	29.978 ug/ml#	82
69) Dibenzofuran	7.412	168	916582	23.840 ug/ml#	84
70) 2,4-Dinitrotoluene	7.431	165	216744	29.400 ug/ml#	77
71) 4-Nitrophenol	7.403	65	127663	30.141 ug/ml#	1
72) 2,3,5,6-Tetrachlorophenol	7.506	232	227154	29.182 ug/ml	98
73) 2,3,4,6-Tetrachlorophenol	7.549	232	216190	28.230 ug/ml	98
74) Diethyl phthalate	7.698	149	744890	24.650 ug/ml	99
75) Fluorene	7.739	166	719758	23.879 ug/ml	92
76) 4-Chlorophenyl phenyl ...	7.764	204	367884	23.641 ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL8.D
Acq On : 5 Nov 2024 5:23 pm
Operator : Dakota:HNY
Sample : IL3,32,,ABNL25 Lot# 11112
Misc : WG1994500
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 09:26:22 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 4-Nitroaniline	7.789	138	168641	28.451 ug/ml#	77
78) 4,6-Dinitro-o-cresol	7.820	198	138975	26.395 ug/ml#	56
79) NDPA/DPA	7.885	169	622751	23.934 ug/ml	92
80) Azobenzene	7.916	77	627012	25.882 ug/ml	98
82) 4-Bromophenyl phenyl e...	8.227	248	242429	24.482 ug/ml#	81
83) Hexachlorobenzene	8.273	284	302652	24.162 ug/ml#	80
84) Pentachlorophenol	8.469	266	205928	30.229 ug/ml	98
91) Phenanthrene	8.649	178	1171950	24.257 ug/ml	99
92) Anthracene	8.699	178	1188072	24.871 ug/ml	98
93) Carbazole	8.873	167	1104845	24.499 ug/ml	98
94) Di-n-butylphthalate	9.274	149	1359271	27.329 ug/ml#	98
95) Fluoranthene	9.787	202	1432553	23.955 ug/ml#	92
96) Benzidine	9.952	184	909574	26.677 ug/ml#	94
97) Pyrene	9.995	202	1520824	23.903 ug/ml	99
99) Butyl benzyl phthalate	10.710	149	633434	29.840 ug/ml#	82
107) Benzo(a)anthracene	11.189	228	1557344	24.199 ug/ml	98
108) 3,3'-Dichlorobenzidine	11.201	252	649490	27.522 ug/ml#	96
109) Chrysene	11.226	228	1498919	24.158 ug/ml	98
110) Bis(2-ethylhexyl)phtha...	11.338	149	1001664	29.324 ug/ml#	89
111) Di-n-octylphthalate	11.997	149	1719798	30.611 ug/ml#	72
112) Benzo(b)fluoranthene	12.261	252	1643646	24.907 ug/ml#	93
113) Benzo(k)fluoranthene	12.289	252	1666923	25.624 ug/ml#	93
114) Benzo(a)pyrene	12.563	252	1571883M2	26.120 ug/ml	
116) Indeno(1,2,3-cd)pyrene	13.557	276	1785537	26.214 ug/mL#	88
117) Dibenzo(a,h)anthracene	13.582	278	1693306	25.311 ug/ml#	89
118) Benzo(ghi)perylene	13.769	276	1629094	25.150 ug/ml#	86

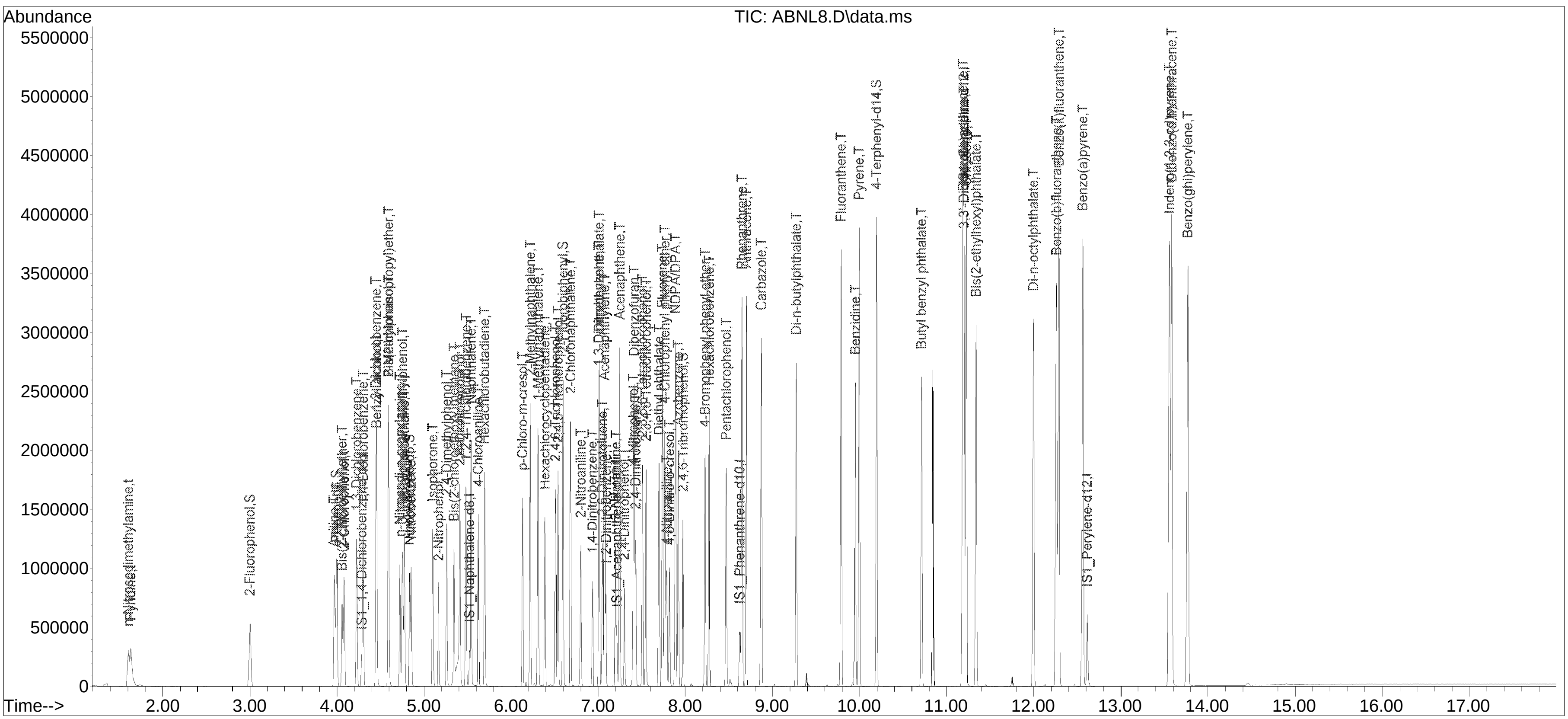
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL8.D
Acq On    :  5 Nov 2024   5:23 pm
Operator  : Dakota:HNY
Sample    : IL3,32,,ABNL25 Lot# 11112
Misc      : WG1994500
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Nov 06 09:26:22 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

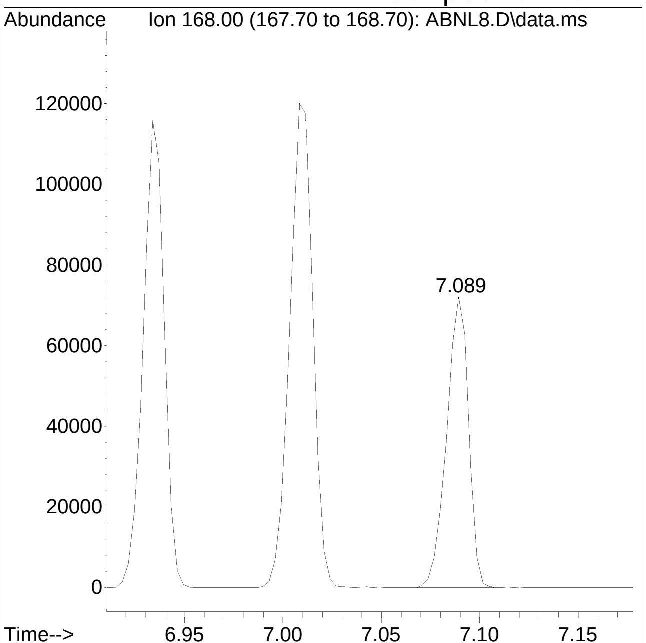
Sub List     : ABNical - ABN ical sublistVTICAL\ABNL6.D•
```

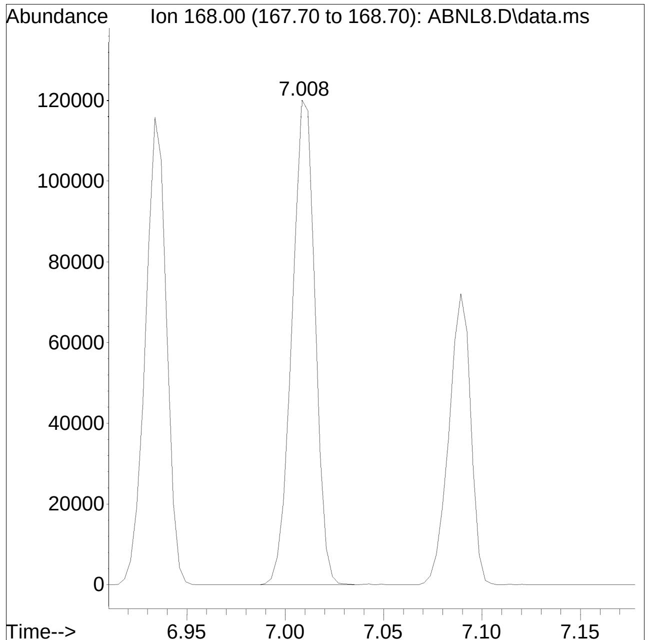


Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod      : FS241105RVT_Dakota.m
Data File   : ABNL8.D                     Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  5:23 pm          Instrument  : Dakota
Sample      : IL3,32,,ABNL25 Lot# 11112 Quant Date  : 11/6/2024  8:36 am
```

Compound #52: 1,3-Dinitrobenzene





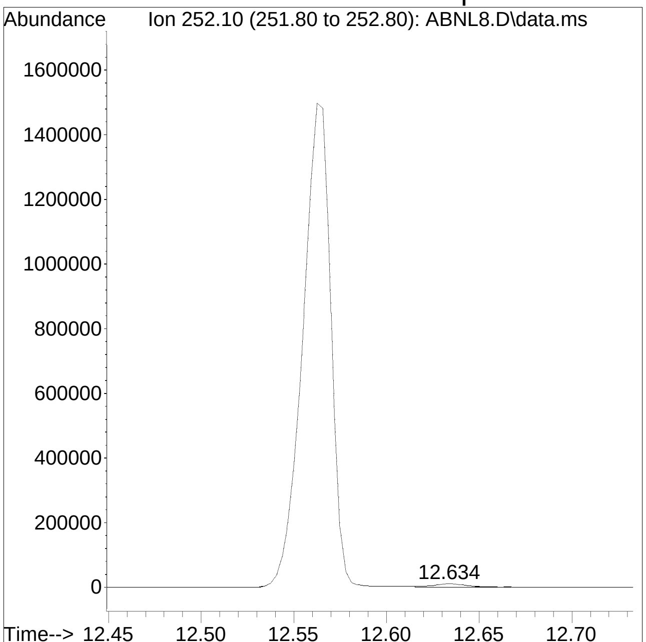
Original Peak Response = 55846 Manual Peak Response = 98273 M3

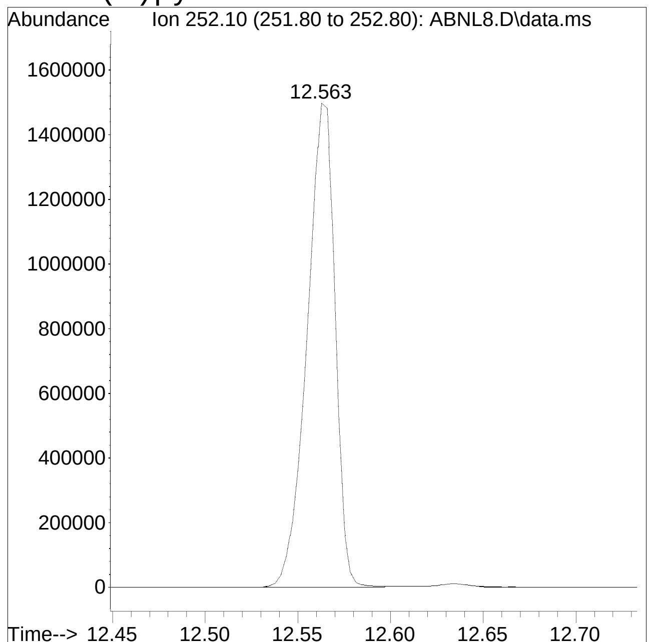
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNL8.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 5:23 pm Instrument : Dakota
Sample : IL3,32,,ABNL25 Lot# 11112 Quant Date : 11/6/2024 8:36 am

Compound #114: Benzo(a)pyrene





Original Peak Response = 11510 Manual Peak Response = 1571883 M2
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL7.D
Acq On : 5 Nov 2024 5:46 pm
Operator : Dakota:HNY
Sample : IL4,32,,ABNL10 Lot# 11113
Misc : WG1994500
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 09:24:22 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

```
        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.283  152     30017     4.000 ug/ml  # 0.00
    Standard Area 1 = 28960                 Recovery   =  103.65%
37) IS1_Naphthalene-d8          5.520  136    110693     4.000 ug/ml  # 0.00
    Standard Area 1 = 107558                 Recovery   =  102.91%
65) IS1_Acenaphthene-d10        7.210  164     71339     4.000 ug/ml    0.00
    Standard Area 1 = 69553                 Recovery   =  102.57%
90) IS1_Phenanthrene-d10        8.625  188    152962     4.000 ug/ml    0.00
    Standard Area 1 = 149813                 Recovery   =  102.10%
106) IS1_Chrysene-d12          11.192  240    173819     4.000 ug/ml    0.00
    Standard Area 1 = 173036                 Recovery   =  100.45%
115) IS1_Perylene-d12          12.609  264    202944     4.000 ug/ml    0.00
    Standard Area 1 = 203359                 Recovery   =   99.80%

 System Monitoring Compounds
 4) 2-Fluorophenol              2.999  112     75910    10.750 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  537.50%#
 7) Phenol-d6                   3.987   99     95741    10.548 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  527.40%#
19) Nitrobenzene-d5             4.833   82     89064    10.771 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 1077.10%#
48) 2-Fluorobiphenyl            6.592  172    249603     8.828 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  882.80%#
81) 2,4,6-Tribromophenol        7.969  330     49268    10.594 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  529.70%#
98) 4-Terphenyl-d14            10.191  244    402353     9.752 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  975.20%#

 Target Compounds                                                 Qvalue
 2) n-Nitrosodimethylamine      1.597   74      46870      9.752 ug/ml#    80
 3) Pyridine                    1.628   79      77978     10.362 ug/ml#    59
 5) Aniline                     3.966   93     113575      9.660 ug/ml     96
 6) 2-Chlorophenol              4.077  128      91502     10.713 ug/ml#    88
 8) Phenol                      4.000   94     103024      9.703 ug/ml     95
 9) Bis(2-chloroethyl)ether     4.056   93      74057      9.848 ug/ml     96
10) 1,3-Dichlorobenzene         4.224  146     112322      8.936 ug/ml     94
11) 1,4-Dichlorobenzene         4.298  146     113494      9.259 ug/ml     94
12) 1,2-Dichlorobenzene         4.447  146     108571      9.223 ug/ml     93
13) Benzyl alcohol              4.450   79      69764     10.524 ug/ml    100
14) Bis(2-chloroisopropyl)...   4.593   45     128127      8.368 ug/ml#    60
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL7.D
Acq On : 5 Nov 2024 5:46 pm
Operator : Dakota:HNY
Sample : IL4,32,,ABNL10 Lot# 11113
Misc : WG1994500
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 09:24:22 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.590	108	78768	10.532	ug/ml	100
16) Hexachloroethane	4.771	117	41863	9.401	ug/ml#	51
17) n-Nitrosodi-n-propylamine	4.721	70	62227	9.956	ug/ml#	88
18) 3-Methylphenol/4-Methy...	4.749	108	83179	10.483	ug/ml	98
20) Nitrobenzene	4.848	77	90914	10.381	ug/ml	97
21) Isophorone	5.094	82	163635	10.130	ug/ml	94
22) 2-Nitrophenol	5.165	139	46777	12.632	ug/ml#	87
23) 2,4-Dimethylphenol	5.259	107	80631	10.752	ug/ml	99
24) Bis(2-chloroethoxy)met...	5.339	93	101509	9.895	ug/ml#	97
25) 2,4-Dichlorophenol	5.408	162	93402	10.006	ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.479	180	110668	8.990	ug/ml	96
38) Naphthalene	5.538	128	279417	9.412	ug/ml	99
39) Benzoic Acid	5.367	105	62503	10.680	ug/ml	91
40) 4-Chloroaniline	5.619	65	31494	8.120	ug/ml#	65
41) Hexachlorobutadiene	5.697	225	68910	8.921	ug/ml	100
42) p-Chloro-m-cresol	6.126	107	76197	9.889	ug/ml	89
43) 2-Methylnaphthalene	6.216	142	195484	9.341	ug/ml	95
44) 1-Methylnaphthalene	6.309	115	62192	9.104	ug/ml	93
45) Hexachlorocyclopentadiene	6.390	237	75925	10.228	ug/ml	99
46) 2,4,6-Trichlorophenol	6.508	196	78117	9.541	ug/ml	99
47) 2,4,5-Trichlorophenol	6.539	196	86553	9.617	ug/ml	97
49) 2-Chloronaphthalene	6.679	162	214208	8.752	ug/ml	93
50) 2-Nitroaniline	6.797	138	61633	11.076	ug/ml#	78
51) 1,4-Dinitrobenzene	6.931	168	28021	10.093	ug/ml	80
52) 1,3-Dinitrobenzene	7.005	168	32467	9.834	ug/ml#	1
53) Dimethyl phthalate	7.005	163	252504	8.675	ug/ml#	98
54) Acenaphthylene	7.071	152	326834	9.182	ug/ml	99
55) 2,6-Dinitrotoluene	7.043	165	51689	10.546	ug/ml#	75
56) 1,2-Dinitrobenzene	7.083	168	19215	10.003	ug/ml#	1
66) 3-Nitroaniline	7.195	138	57722	12.122	ug/ml#	82
67) Acenaphthene	7.242	154	187097	9.447	ug/ml	88
68) 2,4-Dinitrophenol	7.294	184	32967	10.669	ug/ml#	82
69) Dibenzofuran	7.409	168	323476	9.437	ug/ml#	87
70) 2,4-Dinitrotoluene	7.425	165	73085	11.120	ug/ml#	76
71) 4-Nitrophenol	7.397	65	42265	11.193	ug/ml#	27
72) 2,3,5,6-Tetrachlorophenol	7.506	232	76542	11.030	ug/ml	98
73) 2,3,4,6-Tetrachlorophenol	7.546	232	75038	10.990	ug/ml	99
74) Diethyl phthalate	7.692	149	257720	9.566	ug/ml	98
75) Fluorene	7.736	166	249496	9.285	ug/ml	91
76) 4-Chlorophenyl phenyl ...	7.764	204	127708	9.205	ug/ml#	85

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL7.D
Acq On : 5 Nov 2024 5:46 pm
Operator : Dakota:HNY
Sample : IL4,32,,ABNL10 Lot# 11113
Misc : WG1994500
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 09:24:22 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 4-Nitroaniline	7.776	138	56545	10.700 ug/ml#	78
78) 4,6-Dinitro-o-cresol	7.810	198	44733	9.776 ug/ml#	57
79) NDPA/DPA	7.882	169	214404	9.243 ug/ml	92
80) Azobenzene	7.913	77	215745	9.989 ug/ml	98
82) 4-Bromophenyl phenyl e...	8.227	248	84538	9.576 ug/ml#	80
83) Hexachlorobenzene	8.270	284	103252	9.246 ug/ml#	79
84) Pentachlorophenol	8.466	266	67607	11.132 ug/ml	99
91) Phenanthrene	8.646	178	409956	9.459 ug/ml	99
92) Anthracene	8.693	178	407125	9.501 ug/ml	98
93) Carbazole	8.867	167	382642	9.459 ug/ml	98
94) Di-n-butylphthalate	9.271	149	460432	10.320 ug/ml#	98
95) Fluoranthene	9.784	202	502795	9.373 ug/ml#	92
96) Benzidine	9.946	184	312907	10.231 ug/ml#	94
97) Pyrene	9.992	202	534393	9.364 ug/ml	99
99) Butyl benzyl phthalate	10.707	149	207056	10.874 ug/ml#	82
107) Benzo(a)anthracene	11.186	228	548250	9.559 ug/ml	99
108) 3,3'-Dichlorobenzidine	11.198	252	225540	10.724 ug/ml#	97
109) Chrysene	11.220	228	521142	9.424 ug/ml	98
110) Bis(2-ethylhexyl)phtha...	11.338	149	336797	11.063 ug/ml#	89
111) Di-n-octylphthalate	11.994	149	571767	11.419 ug/ml#	72
112) Benzo(b)fluoranthene	12.255	252	579285	9.850 ug/ml#	93
113) Benzo(k)fluoranthene	12.283	252	591670	10.206 ug/ml#	93
114) Benzo(a)pyrene	12.556	252	548576	10.228 ug/ml#	93
116) Indeno(1,2,3-cd)pyrene	13.548	276	610183	9.829 ug/mL#	89
117) Dibenzo(a,h)anthracene	13.573	278	601923	9.872 ug/ml#	89
118) Benzo(ghi)perylene	13.759	276	576728	9.769 ug/ml#	86

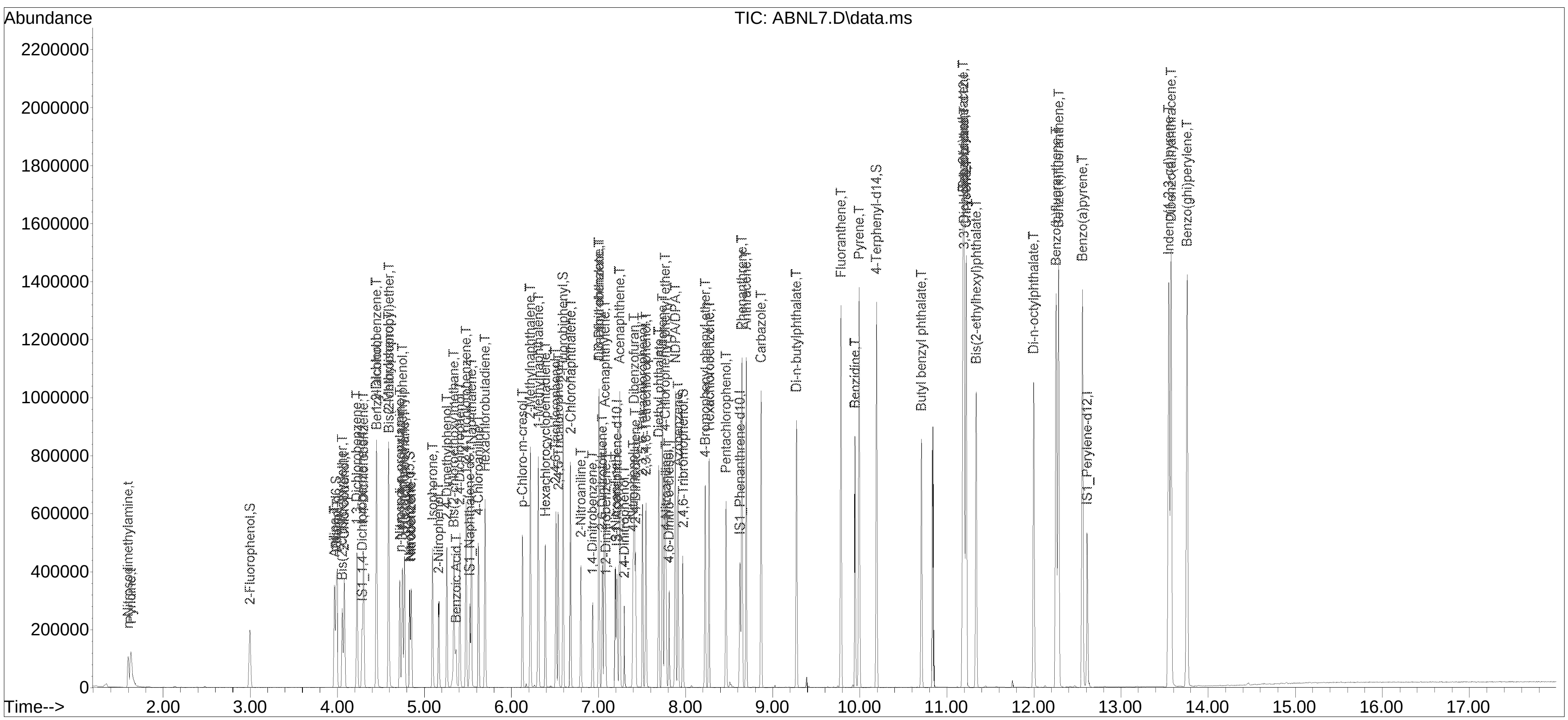
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL7.D
Acq On   : 5 Nov 2024   5:46 pm
Operator : Dakota:HNY
Sample   : IL4,32,,ABNL10 Lot# 11113
Misc   : WG1994500
ALS Vial : 3   Sample Multiplier: 1

Quant Time: Nov 06 09:24:22 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List   : ABNical - ABN ical sublistVTICAL\ABNL6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL7.D                  Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  5:46 pm       Instrument  : Dakota
Sample      : IL4,32,,ABNL10 Lot# 11113 Quant Date  : 11/6/2024  8:36 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL6.D
Acq On : 5 Nov 2024 6:09 pm
Operator : Dakota:HNY
Sample : IL5,32,,ABNL5 Lot# 11114
Misc : WG1994500
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 09:23:32 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

```
        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 -----------------------------------------------------------------------------
 Internal Standards
  1) IS1_1,4-Dichlorobenzen...   4.283  152     28960     4.000 ug/ml    0.00
     Standard Area 1 = 28960               Recovery   =  100.00%
 37) IS1_Naphthalene-d8          5.520  136    107558     4.000 ug/ml  # 0.00
     Standard Area 1 = 107558               Recovery   =  100.00%
 65) IS1_Acenaphthene-d10        7.210  164     69553     4.000 ug/ml    0.00
     Standard Area 1 = 69553               Recovery   =  100.00%
 90) IS1_Phenanthrene-d10        8.625  188    149813     4.000 ug/ml    0.00
     Standard Area 1 = 149813               Recovery   =  100.00%
106) IS1_Chrysene-d12           11.192  240    173036     4.000 ug/ml    0.00
     Standard Area 1 = 173036               Recovery   =  100.00%
115) IS1_Perylene-d12           12.609  264    203359     4.000 ug/ml    0.00
     Standard Area 1 = 203359               Recovery   =  100.00%

 System Monitoring Compounds
  4) 2-Fluorophenol              2.999  112     36379     5.340 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =  267.00%#
  7) Phenol-d6                   3.984   99     46206     5.277 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =  263.85%#
 19) Nitrobenzene-d5             4.833   82     42587     5.338 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =  533.80%#
 48) 2-Fluorobiphenyl            6.592  172    122549     4.460 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =  446.00%#
 81) 2,4,6-Tribromophenol        7.969  330     23686     5.224 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =  261.20%#
 98) 4-Terphenyl-d14            10.191  244    199652     4.941 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =  494.10%#

 Target Compounds                                                 Qvalue
  2) n-Nitrosodimethylamine      1.600   74      22399      4.830 ug/ml     82
  3) Pyridine                    1.634   79      36774      5.065 ug/ml#    62
  5) Aniline                     3.969   93      55552      4.897 ug/ml     96
  6) 2-Chlorophenol              4.077  128      43820      5.318 ug/ml#    88
  8) Phenol                      3.997   94      50251      4.906 ug/ml     96
  9) Bis(2-chloroethyl)ether     4.059   93      35511      4.895 ug/ml    100
 10) 1,3-Dichlorobenzene         4.223  146      54655      4.507 ug/ml     94
 11) 1,4-Dichlorobenzene         4.301  146      55620      4.703 ug/ml     95
 12) 1,2-Dichlorobenzene         4.447  146      53065      4.672 ug/ml     93
 13) Benzyl alcohol              4.450   79      33022      5.163 ug/ml     98
 14) Bis(2-chloroisopropyl)...   4.593   45      61759      4.181 ug/ml#    61
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL6.D
Acq On : 5 Nov 2024 6:09 pm
Operator : Dakota:HNY
Sample : IL5,32,,ABNL5 Lot# 11114
Misc : WG1994500
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 09:23:32 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.590	108	36689	5.085	ug/ml	99
16) Hexachloroethane	4.774	117	19654	4.575	ug/ml#	49
17) n-Nitrosodi-n-propylamine	4.721	70	29429	4.880	ug/ml#	88
18) 3-Methylphenol/4-Methy...	4.749	108	40096	5.238	ug/ml	98
20) Nitrobenzene	4.848	77	43553	5.155	ug/ml	95
21) Isophorone	5.094	82	78642	5.046	ug/ml	95
22) 2-Nitrophenol	5.165	139	21659	6.062	ug/ml#	85
23) 2,4-Dimethylphenol	5.255	107	38443	5.313	ug/ml	99
24) Bis(2-chloroethoxy)met...	5.339	93	48954	4.946	ug/ml	97
25) 2,4-Dichlorophenol	5.408	162	45088	5.007	ug/ml#	91
26) 1,2,4-Trichlorobenzene	5.479	180	53442	4.500	ug/ml	96
38) Naphthalene	5.538	128	137444	4.765	ug/ml	99
39) Benzoic Acid	5.346	105	27655	5.748	ug/ml	91
40) 4-Chloroaniline	5.622	65	15918	4.223	ug/ml#	74
41) Hexachlorobutadiene	5.697	225	33657	4.484	ug/ml	99
42) p-Chloro-m-cresol	6.126	107	37630	5.026	ug/ml	90
43) 2-Methylnaphthalene	6.216	142	94136	4.630	ug/ml	96
44) 1-Methylnaphthalene	6.309	115	31140	4.691	ug/ml	96
45) Hexachlorocyclopentadiene	6.390	237	36194	5.018	ug/ml	99
46) 2,4,6-Trichlorophenol	6.508	196	37386	4.699	ug/ml	96
47) 2,4,5-Trichlorophenol	6.539	196	40448	4.625	ug/ml	99
49) 2-Chloronaphthalene	6.679	162	107403	4.516	ug/ml#	91
50) 2-Nitroaniline	6.797	138	29098	5.381	ug/ml#	76
51) 1,4-Dinitrobenzene	6.931	168	12684	4.702	ug/ml	83
52) 1,3-Dinitrobenzene	7.002	168	15384	4.796	ug/ml#	1
53) Dimethyl phthalate	7.002	163	124096	4.387	ug/ml#	98
54) Acenaphthylene	7.067	152	159055	4.599	ug/ml	99
55) 2,6-Dinitrotoluene	7.043	165	25000	5.250	ug/ml#	75
56) 1,2-Dinitrobenzene	7.080	168	9417	5.045	ug/ml#	1
66) 3-Nitroaniline	7.192	138	26990	5.814	ug/ml#	85
67) Acenaphthene	7.241	154	92335	4.782	ug/ml	89
68) 2,4-Dinitrophenol	7.291	184	14980	4.972	ug/ml#	84
69) Dibenzofuran	7.409	168	158615	4.746	ug/ml#	87
70) 2,4-Dinitrotoluene	7.425	165	34950	5.454	ug/ml	86
71) 4-Nitrophenol	7.397	65	20265	5.504	ug/ml#	1
72) 2,3,5,6-Tetrachlorophenol	7.503	232	36982	5.466	ug/ml	97
73) 2,3,4,6-Tetrachlorophenol	7.546	232	35881	5.390	ug/ml	98
74) Diethyl phthalate	7.689	149	124775	4.750	ug/ml	98
75) Fluorene	7.736	166	123482	4.713	ug/ml	92
76) 4-Chlorophenyl phenyl ...	7.764	204	62734	4.638	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL6.D
Acq On : 5 Nov 2024 6:09 pm
Operator : Dakota:HNY
Sample : IL5,32,,ABNL5 Lot# 11114
Misc : WG1994500
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 09:23:32 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 4-Nitroaniline	7.773	138	27164	5.272	ug/ml#	79
78) 4,6-Dinitro-o-cresol	7.807	198	21012	4.910	ug/ml#	57
79) NDPA/DPA	7.879	169	106063	4.690	ug/ml	93
80) Azobenzene	7.910	77	105738	5.022	ug/ml	98
82) 4-Bromophenyl phenyl e...	8.227	248	41201	4.787	ug/ml#	80
83) Hexachlorobenzene	8.267	284	50912	4.676	ug/ml#	80
84) Pentachlorophenol	8.463	266	31065	5.246	ug/ml	97
91) Phenanthrene	8.646	178	203180	4.787	ug/ml	100
92) Anthracene	8.693	178	202631	4.828	ug/ml	99
93) Carbazole	8.867	167	191087	4.823	ug/ml	99
94) Di-n-butylphthalate	9.271	149	221941	5.079	ug/ml#	98
95) Fluoranthene	9.784	202	247376	4.709	ug/ml#	92
96) Benzidine	9.945	184	150013	5.008	ug/ml#	94
97) Pyrene	9.989	202	267661	4.788	ug/ml	99
99) Butyl benzyl phthalate	10.707	149	97439	5.225	ug/ml#	82
107) Benzo(a)anthracene	11.183	228	270494	4.738	ug/ml	99
108) 3,3'-Dichlorobenzidine	11.195	252	108876	5.200	ug/ml#	96
109) Chrysene	11.217	228	264748	4.809	ug/ml	99
110) Bis(2-ethylhexyl)phtha...	11.335	149	158349	5.225	ug/ml#	89
111) Di-n-octylphthalate	11.994	149	263131	5.279	ug/ml#	71
112) Benzo(b)fluoranthene	12.252	252	283903	4.849	ug/ml#	94
113) Benzo(k)fluoranthene	12.280	252	293103	5.079	ug/ml#	92
114) Benzo(a)pyrene	12.553	252	266408	4.990	ug/ml#	93
116) Indeno(1,2,3-cd)pyrene	13.545	276	297219	4.778	ug/mL#	88
117) Dibenzo(a,h)anthracene	13.570	278	297184	4.864	ug/ml#	89
118) Benzo(ghi)perylene	13.753	276	284158	4.803	ug/ml#	86

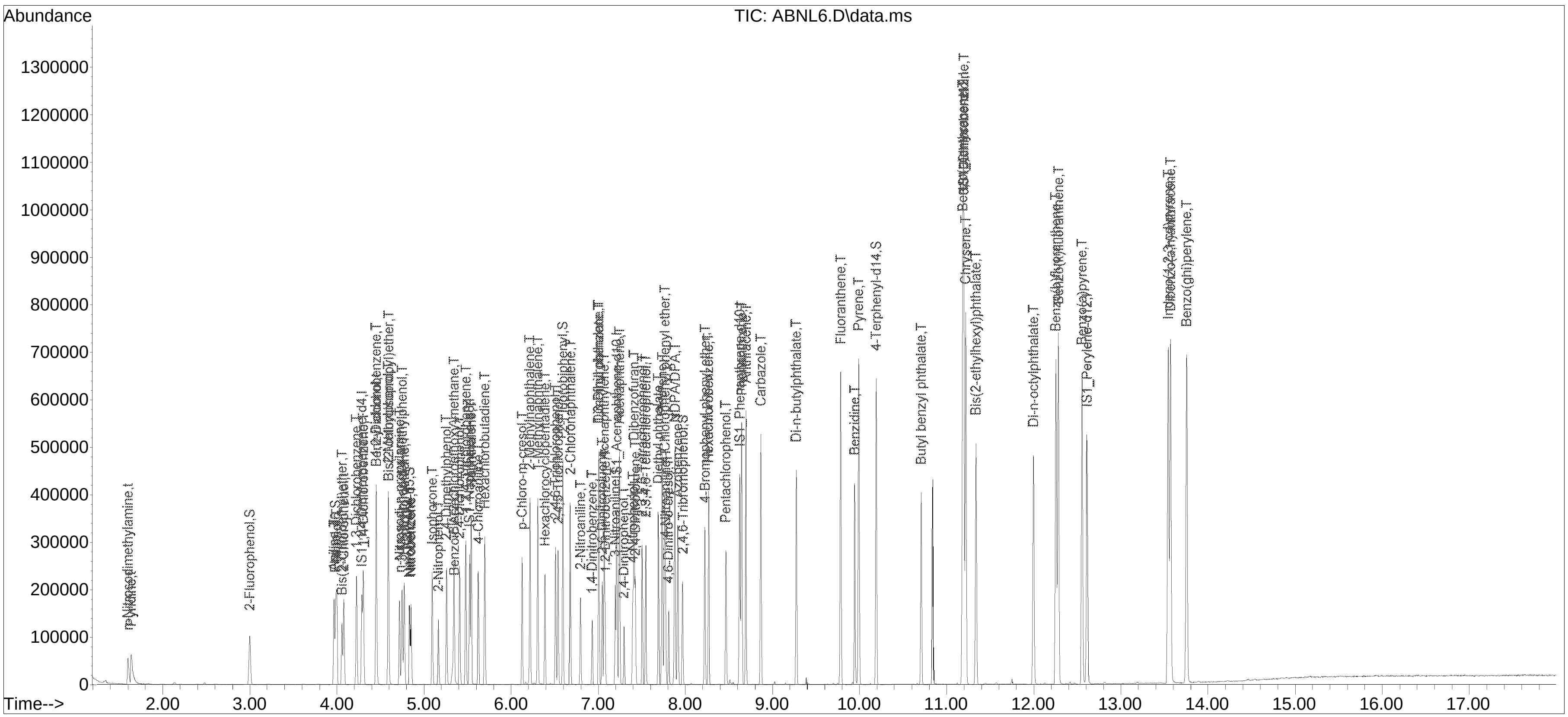
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL6.D
Acq On   : 5 Nov 2024   6:09 pm
Operator : Dakota:HNY
Sample   : IL5,32,,ABNL5 Lot# 11114
Misc   : WG1994500
ALS Vial : 4   Sample Multiplier: 1

Quant Time: Nov 06 09:23:32 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List   : ABNical - ABN ical sublistVTICAL\ABNL6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL6.D                  Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  6:09 pm       Instrument  : Dakota
Sample      : IL5,32,,ABNL5 Lot# 11114  Quant Date  : 11/6/2024  8:36 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL5.D
Acq On : 5 Nov 2024 6:33 pm
Operator : Dakota:HNY
Sample : IL6,32,,ABNL2.5 Lot# 11115
Misc : WG1994500
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 09:23:14 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.283	152	29578	4.000 ug/ml	0.00
Standard Area 1 = 28960			Recovery =	102.13%	
37) IS1_Naphthalene-d8	5.520	136	108514	4.000 ug/ml	# 0.00
Standard Area 1 = 107558			Recovery =	100.89%	
65) IS1_Acenaphthene-d10	7.210	164	69464	4.000 ug/ml	0.00
Standard Area 1 = 69553			Recovery =	99.87%	
90) IS1_Phenanthrene-d10	8.622	188	149902	4.000 ug/ml	0.00
Standard Area 1 = 149813			Recovery =	100.06%	
106) IS1_Chrysene-d12	11.192	240	171800	4.000 ug/ml	0.00
Standard Area 1 = 173036			Recovery =	99.29%	
115) IS1_Perylene-d12	12.609	264	200787	4.000 ug/ml	0.00
Standard Area 1 = 203359			Recovery =	98.74%	

Compound	Spiked Amount / R.T.	Range / QIon	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
4) 2-Fluorophenol	2.999	112	16767	2.410 ug/ml	0.00
Spiked Amount	2.000	Range 15 - 110	Recovery =	120.50%#	
7) Phenol-d6	3.984	99	20488	2.291 ug/ml	0.00
Spiked Amount	2.000	Range 15 - 110	Recovery =	114.55%#	
19) Nitrobenzene-d5	4.833	82	19806	2.431 ug/ml	0.00
Spiked Amount	1.000	Range 30 - 130	Recovery =	243.10%#	
48) 2-Fluorobiphenyl	6.592	172	57800	2.085 ug/ml	0.00
Spiked Amount	1.000	Range 30 - 130	Recovery =	208.50%#	
81) 2,4,6-Tribromophenol	7.969	330	10800	2.385 ug/ml	0.00
Spiked Amount	2.000	Range 15 - 110	Recovery =	119.25%#	
98) 4-Terphenyl-d14	10.191	244	94387	2.334 ug/ml	0.00
Spiked Amount	1.000	Range 30 - 130	Recovery =	233.40%#	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) n-Nitrosodimethylamine	1.607	74	10936	2.309 ug/ml#	79
3) Pyridine	1.647	79	17761	2.395 ug/ml#	57
5) Aniline	3.969	93	26004	2.245 ug/ml	97
6) 2-Chlorophenol	4.081	128	20780	2.469 ug/ml#	87
8) Phenol	3.997	94	23244	2.222 ug/ml	95
9) Bis(2-chloroethyl)ether	4.059	93	17155	2.315 ug/ml	95
10) 1,3-Dichlorobenzene	4.224	146	25363	2.048 ug/ml	93
11) 1,4-Dichlorobenzene	4.298	146	26480	2.192 ug/ml	94
12) 1,2-Dichlorobenzene	4.447	146	25558	2.203 ug/ml	93
13) Benzyl alcohol	4.450	79	15128	2.316 ug/ml	97
14) Bis(2-chloroisopropyl)...	4.593	45	29769	1.973 ug/ml#	63

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL5.D
Acq On : 5 Nov 2024 6:33 pm
Operator : Dakota:HNY
Sample : IL6,32,,ABNL2.5 Lot# 11115
Misc : WG1994500
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 09:23:14 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.590	108	17543	2.380	ug/ml	99
16) Hexachloroethane	4.771	117	9381	2.138	ug/ml#	49
17) n-Nitrosodi-n-propylamine	4.721	70	13382	2.173	ug/ml#	89
18) 3-Methylphenol/4-Methy...	4.749	108	18226	2.331	ug/ml	94
20) Nitrobenzene	4.851	77	19986	2.316	ug/ml	97
21) Isophorone	5.097	82	35708	2.243	ug/ml	94
22) 2-Nitrophenol	5.165	139	9948	2.726	ug/ml#	87
23) 2,4-Dimethylphenol	5.255	107	17802	2.409	ug/ml	98
24) Bis(2-chloroethoxy)met...	5.339	93	22852	2.261	ug/ml#	96
25) 2,4-Dichlorophenol	5.408	162	20663	2.247	ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.479	180	24934	2.056	ug/ml	97
38) Naphthalene	5.538	128	65418	2.248	ug/ml	99
39) Benzoic Acid	5.330	105	11562	3.334	ug/ml	92
40) 4-Chloroaniline	5.622	65	7308	1.922	ug/ml#	69
41) Hexachlorobutadiene	5.697	225	15656	2.068	ug/ml	98
42) p-Chloro-m-cresol	6.126	107	16669	2.207	ug/ml	89
43) 2-Methylnaphthalene	6.216	142	44702	2.179	ug/ml	96
44) 1-Methylnaphthalene	6.309	115	14070	2.101	ug/ml	91
45) Hexachlorocyclopentadiene	6.390	237	16271	2.236	ug/ml	98
46) 2,4,6-Trichlorophenol	6.508	196	16943	2.111	ug/ml	97
47) 2,4,5-Trichlorophenol	6.536	196	18833	2.135	ug/ml	100
49) 2-Chloronaphthalene	6.676	162	49375	2.058	ug/ml#	93
50) 2-Nitroaniline	6.794	138	12454	2.283	ug/ml#	80
51) 1,4-Dinitrobenzene	6.931	168	5829M3	2.142	ug/ml	
52) 1,3-Dinitrobenzene	7.002	168	6632	2.049	ug/ml#	1
53) Dimethyl phthalate	7.002	163	58737	2.058	ug/ml#	98
54) Acenaphthylene	7.067	152	74072	2.123	ug/ml	99
55) 2,6-Dinitrotoluene	7.040	165	11316	2.355	ug/ml#	73
56) 1,2-Dinitrobenzene	7.080	168	4222	2.242	ug/ml#	1
66) 3-Nitroaniline	7.192	138	12311	2.655	ug/ml	87
67) Acenaphthene	7.238	154	43594	2.260	ug/ml	90
68) 2,4-Dinitrophenol	7.294	184	6486	2.156	ug/ml#	81
69) Dibenzofuran	7.409	168	75940	2.275	ug/ml	89
70) 2,4-Dinitrotoluene	7.422	165	15676	2.449	ug/ml	89
71) 4-Nitrophenol	7.394	65	9042	2.459	ug/ml#	30
72) 2,3,5,6-Tetrachlorophenol	7.503	232	16922	2.504	ug/ml	97
73) 2,3,4,6-Tetrachlorophenol	7.543	232	16643	2.503	ug/ml	97
74) Diethyl phthalate	7.689	149	59292	2.260	ug/ml	97
75) Fluorene	7.736	166	56914	2.175	ug/ml	91
76) 4-Chlorophenyl phenyl ...	7.764	204	29670	2.196	ug/ml#	85

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL5.D
Acq On : 5 Nov 2024 6:33 pm
Operator : Dakota:HNY
Sample : IL6,32,,ABNL2.5 Lot# 11115
Misc : WG1994500
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 09:23:14 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 4-Nitroaniline	7.770	138	11929	2.318	ug/ml#	80
78) 4,6-Dinitro-o-cresol	7.807	198	9125	2.353	ug/ml#	58
79) NDPA/DPA	7.879	169	49243	2.180	ug/ml	93
80) Azobenzene	7.910	77	48438	2.303	ug/ml	99
82) 4-Bromophenyl phenyl e...	8.224	248	19203	2.234	ug/ml#	78
83) Hexachlorobenzene	8.267	284	24775	2.278	ug/ml#	79
84) Pentachlorophenol	8.463	266	13677	2.313	ug/ml	99
91) Phenanthrene	8.643	178	95445	2.247	ug/ml	100
92) Anthracene	8.693	178	95270	2.269	ug/ml	99
93) Carbazole	8.867	167	89548	2.259	ug/ml	98
94) Di-n-butylphthalate	9.271	149	99712	2.281	ug/ml#	98
95) Fluoranthene	9.781	202	117123	2.228	ug/ml#	91
96) Benzidine	9.946	184	66293	2.212	ug/ml#	94
97) Pyrene	9.989	202	126787	2.267	ug/ml	99
99) Butyl benzyl phthalate	10.707	149	42406	2.272	ug/ml#	83
107) Benzo(a)anthracene	11.183	228	124996	2.205	ug/ml	98
108) 3,3'-Dichlorobenzidine	11.192	252	48853	2.350	ug/ml#	97
109) Chrysene	11.217	228	124749	2.283	ug/ml	98
110) Bis(2-ethylhexyl)phtha...	11.335	149	67600	2.247	ug/ml#	89
111) Di-n-octylphthalate	11.994	149	110289	2.229	ug/ml#	71
112) Benzo(b)fluoranthene	12.252	252	137623	2.368	ug/ml#	93
113) Benzo(k)fluoranthene	12.277	252	129836	2.266	ug/ml#	94
114) Benzo(a)pyrene	12.553	252	121012	2.283	ug/ml#	92
116) Indeno(1,2,3-cd)pyrene	13.542	276	132618	2.159	ug/mL#	88
117) Dibenzo(a,h)anthracene	13.567	278	135000	2.238	ug/ml#	89
118) Benzo(ghi)perylene	13.753	276	128448	2.199	ug/ml#	85

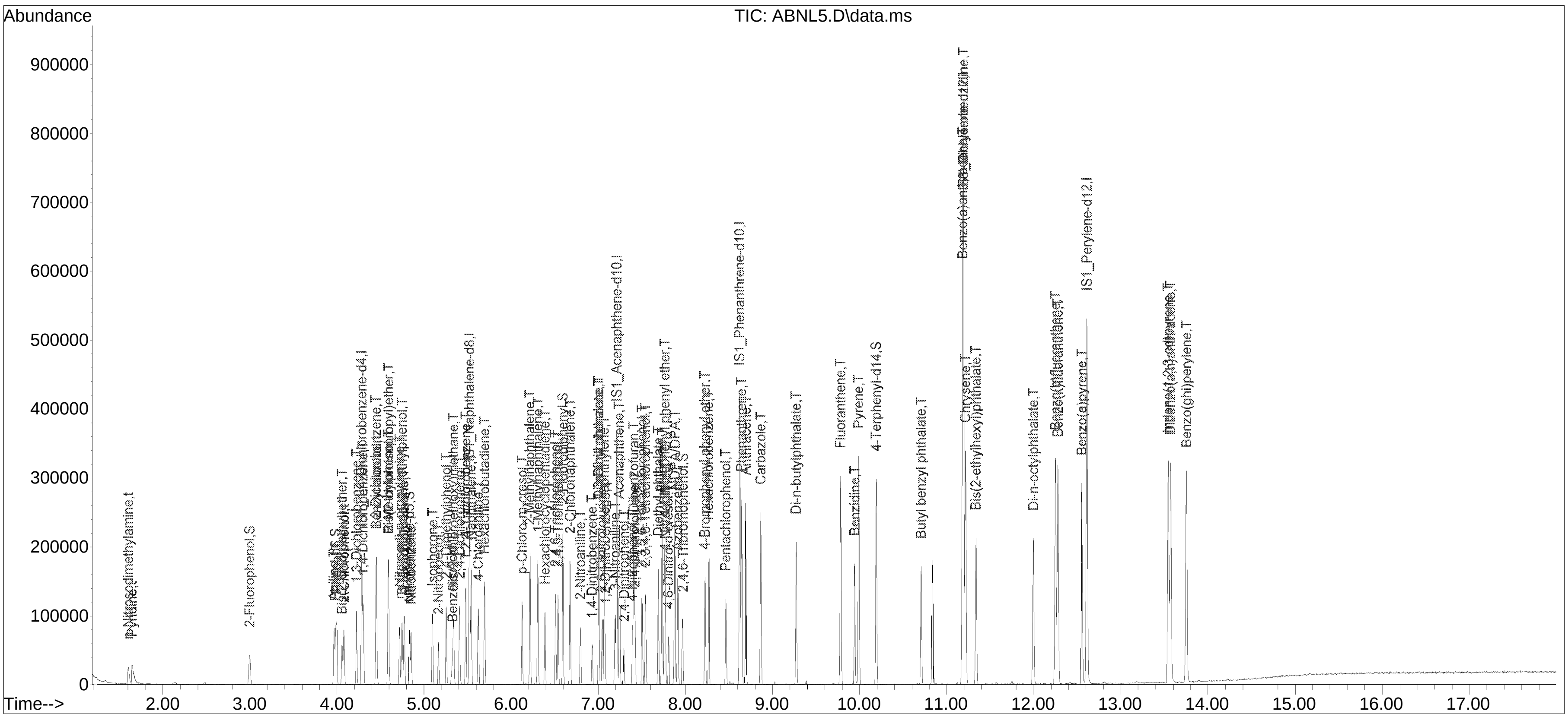
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL5.D
Acq On : 5 Nov 2024 6:33 pm
Operator : Dakota:HNY
Sample : IL6,32,,ABNL2.5 Lot# 11115
Misc : WG1994500
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 09:23:14 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

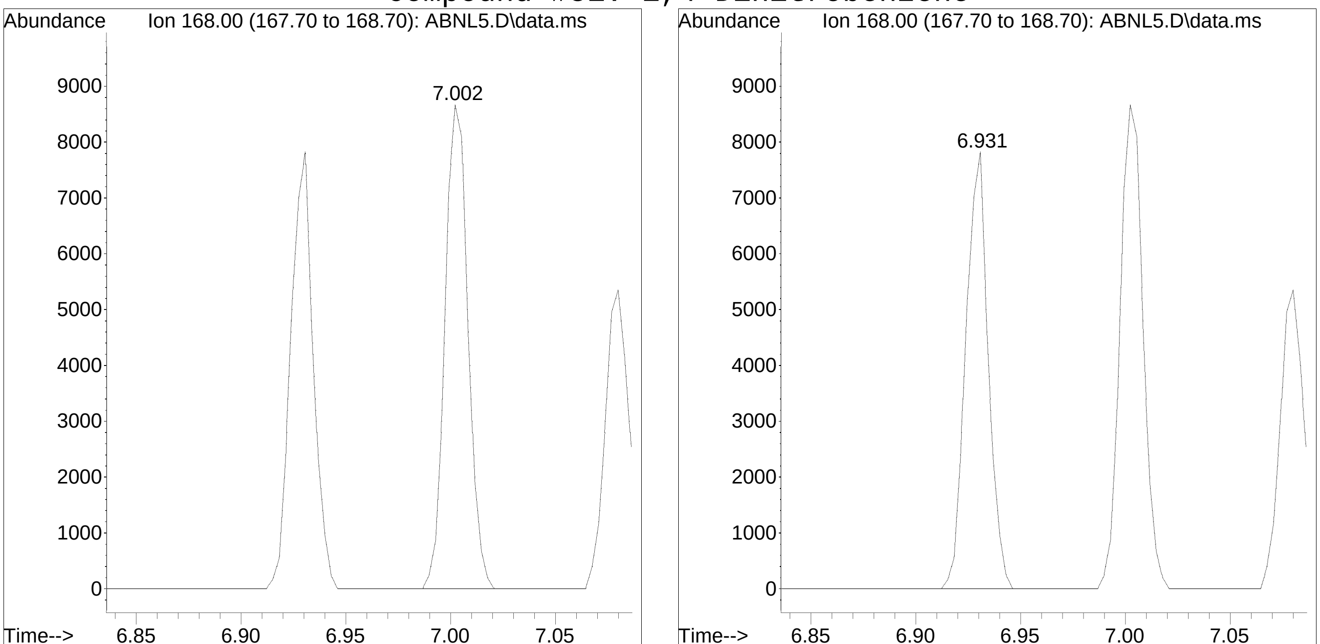
Sub List : ABNical - ABN ical sublistVTICAL\ABNL6.D•



Manual Integration Report

```
Data Path    : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File    : ABNL5.D                    Operator    : Dakota:HNY
Date Inj'd   : 11/5/2024  6:33 pm         Instrument  : Dakota
Sample       : IL6,32,,ABNL2.5 Lot# 11115Quant Date  : 11/6/2024  8:35 am
```

Compound #51: 1,4-Dinitrobenzene



Original Peak Response = 6632   Manual Peak Response = 5829 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL4.D
Acq On    :  5 Nov 2024   6:56 pm
Operator  : Dakota:HNY
Sample    : IL7,32,,ABNL1 Lot# 11116
Misc      : WG1994500
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Nov 06 09:21:32 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.286  152     29645     4.000 ug/ml    0.00
    Standard Area 1 = 28960                 Recovery   =  102.37%
37) IS1_Naphthalene-d8          5.520  136    107897     4.000 ug/ml  # 0.00
    Standard Area 1 = 107558                 Recovery   =  100.32%
65) IS1_Acenaphthene-d10        7.210  164     70461     4.000 ug/ml    0.00
    Standard Area 1 = 69553                 Recovery   =  101.31%
90) IS1_Phenanthrene-d10        8.621  188    156225     4.000 ug/ml    0.00
    Standard Area 1 = 149813                 Recovery   =  104.28%
106) IS1_Chrysene-d12          11.189  240    175608     4.000 ug/ml    0.00
    Standard Area 1 = 173036                 Recovery   =  101.49%
115) IS1_Perylene-d12          12.609  264    207118     4.000 ug/ml    0.00
    Standard Area 1 = 203359                 Recovery   =  101.85%

 System Monitoring Compounds
 4) 2-Fluorophenol              2.999  112      7494     1.075 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   53.75%
 7) Phenol-d6                   3.987   99      9495     1.059 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   52.95%
19) Nitrobenzene-d5             4.833   82      8830     1.081 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  108.10%
48) 2-Fluorobiphenyl            6.592  172     25387     0.921 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   92.10%
81) 2,4,6-Tribromophenol        7.966  330      4669     1.016 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   50.80%
98) 4-Terphenyl-d14            10.191  244     42632     1.012 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  101.20%

 Target Compounds                                                 Qvalue
 2) n-Nitrosodimethylamine      1.613   74       4871      1.026 ug/ml#    81
 3) Pyridine                    1.662   79       7733M1    1.040 ug/ml
 5) Aniline                     3.969   93      11096      0.956 ug/ml     97
 6) 2-Chlorophenol              4.081  128       8901      1.055 ug/ml#    89
 8) Phenol                      4.000   94      10249      0.977 ug/ml     92
 9) Bis(2-chloroethyl)ether     4.062   93       7130      0.960 ug/ml     94
10) 1,3-Dichlorobenzene         4.227  146      11504      0.927 ug/ml     95
11) 1,4-Dichlorobenzene         4.301  146      11645      0.962 ug/ml     97
12) 1,2-Dichlorobenzene         4.447  146      11305      0.972 ug/ml     93
13) Benzyl alcohol              4.450   79       6639      1.014 ug/ml     98
14) Bis(2-chloroisopropyl)...   4.593   45      13142      0.869 ug/ml#    65
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL4.D
Acq On : 5 Nov 2024 6:56 pm
Operator : Dakota:HNY
Sample : IL7,32,,ABNL1 Lot# 11116
Misc : WG1994500
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 06 09:21:32 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.590	108	7654	1.036	ug/ml	98
16) Hexachloroethane	4.774	117	4414	1.004	ug/ml#	58
17) n-Nitrosodi-n-propylamine	4.721	70	6013	0.974	ug/ml#	84
18) 3-Methylphenol/4-Methy...	4.749	108	8547	1.091	ug/ml	99
20) Nitrobenzene	4.851	77	8609	0.995	ug/ml	97
21) Isophorone	5.097	82	15106	0.947	ug/ml	98
22) 2-Nitrophenol	5.168	139	4182	1.143	ug/ml#	84
23) 2,4-Dimethylphenol	5.255	107	7792	1.052	ug/ml	96
24) Bis(2-chloroethoxy)met...	5.339	93	9871	0.974	ug/ml#	94
25) 2,4-Dichlorophenol	5.408	162	8821	0.957	ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.479	180	11026	0.907	ug/ml	97
38) Naphthalene	5.538	128	28272	0.977	ug/ml	99
39) Benzoic Acid	5.321	105	4647	2.316	ug/ml	95
40) 4-Chloroaniline	5.622	65	3160	0.836	ug/ml#	69
41) Hexachlorobutadiene	5.697	225	6855	0.910	ug/ml	99
42) p-Chloro-m-cresol	6.126	107	7198	0.958	ug/ml	89
43) 2-Methylnaphthalene	6.216	142	19005	0.932	ug/ml	94
44) 1-Methylnaphthalene	6.309	115	6294	0.945	ug/ml	92
45) Hexachlorocyclopentadiene	6.390	237	7064	0.976	ug/ml	95
46) 2,4,6-Trichlorophenol	6.508	196	7192	0.901	ug/ml	99
47) 2,4,5-Trichlorophenol	6.539	196	8343	0.951	ug/ml	94
49) 2-Chloronaphthalene	6.679	162	21923	0.919	ug/ml	93
50) 2-Nitroaniline	6.797	138	5587	1.030	ug/ml#	74
51) 1,4-Dinitrobenzene	6.928	168	2433	0.899	ug/ml	87
52) 1,3-Dinitrobenzene	7.005	168	2825	0.878	ug/ml#	1
53) Dimethyl phthalate	7.002	163	25243	0.890	ug/ml#	98
54) Acenaphthylene	7.067	152	32446	0.935	ug/ml	100
55) 2,6-Dinitrotoluene	7.039	165	4692	0.982	ug/ml#	77
56) 1,2-Dinitrobenzene	7.080	168	1810	0.967	ug/ml#	1
66) 3-Nitroaniline	7.192	138	5066	1.077	ug/ml#	88
67) Acenaphthene	7.238	154	19239	0.983	ug/ml	85
68) 2,4-Dinitrophenol	7.291	184	2292	0.751	ug/ml#	84
69) Dibenzofuran	7.409	168	34238	1.011	ug/ml	90
70) 2,4-Dinitrotoluene	7.422	165	6155	0.948	ug/ml#	88
71) 4-Nitrophenol	7.394	65	3892	1.044	ug/ml#	1
72) 2,3,5,6-Tetrachlorophenol	7.503	232	7152	1.043	ug/ml	99
73) 2,3,4,6-Tetrachlorophenol	7.546	232	7236	1.073	ug/ml	98
74) Diethyl phthalate	7.689	149	25683	0.965	ug/ml	97
75) Fluorene	7.736	166	26341	0.992	ug/ml	94
76) 4-Chlorophenyl phenyl ...	7.764	204	13510	0.986	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL4.D
Acq On : 5 Nov 2024 6:56 pm
Operator : Dakota:HNY
Sample : IL7,32,,ABNL1 Lot# 11116
Misc : WG1994500
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 06 09:21:32 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 4-Nitroaniline	7.770	138	5206	0.997 ug/ml	81
78) 4,6-Dinitro-o-cresol	7.807	198	3785	1.190 ug/ml#	56
79) NDPA/DPA	7.879	169	22405	0.978 ug/ml	95
80) Azobenzene	7.910	77	21474	1.007 ug/ml	98
82) 4-Bromophenyl phenyl e...	8.227	248	8392	0.962 ug/ml#	80
83) Hexachlorobenzene	8.267	284	10855	0.984 ug/ml#	81
84) Pentachlorophenol	8.463	266	5643	0.941 ug/ml	96
91) Phenanthrene	8.643	178	44283	1.000 ug/ml	99
92) Anthracene	8.693	178	42879	0.980 ug/ml	99
93) Carbazole	8.867	167	39554	0.957 ug/ml	98
94) Di-n-butylphthalate	9.271	149	43140	0.947 ug/ml	98
95) Fluoranthene	9.781	202	52758	0.963 ug/ml#	92
96) Benzidine	9.946	184	27185	0.870 ug/ml#	94
97) Pyrene	9.989	202	57764	0.991 ug/ml	99
99) Butyl benzyl phthalate	10.707	149	17465	0.898 ug/ml#	80
107) Benzo(a)anthracene	11.183	228	56317	0.972 ug/ml	99
108) 3,3'-Dichlorobenzidine	11.192	252	20507	0.965 ug/ml#	97
109) Chrysene	11.217	228	56651	1.014 ug/ml	98
110) Bis(2-ethylhexyl)phtha...	11.335	149	27758	0.903 ug/ml#	89
111) Di-n-octylphthalate	11.994	149	44645	0.883 ug/ml#	71
112) Benzo(b)fluoranthene	12.252	252	60227	1.014 ug/ml#	93
113) Benzo(k)fluoranthene	12.277	252	57698	0.985 ug/ml#	93
114) Benzo(a)pyrene	12.553	252	52945	0.977 ug/ml#	92
116) Indeno(1,2,3-cd)pyrene	13.542	276	56228	0.887 ug/mL#	89
117) Dibenzo(a,h)anthracene	13.566	278	59013	0.948 ug/ml#	90
118) Benzo(ghi)perylene	13.750	276	56806	0.943 ug/ml#	87

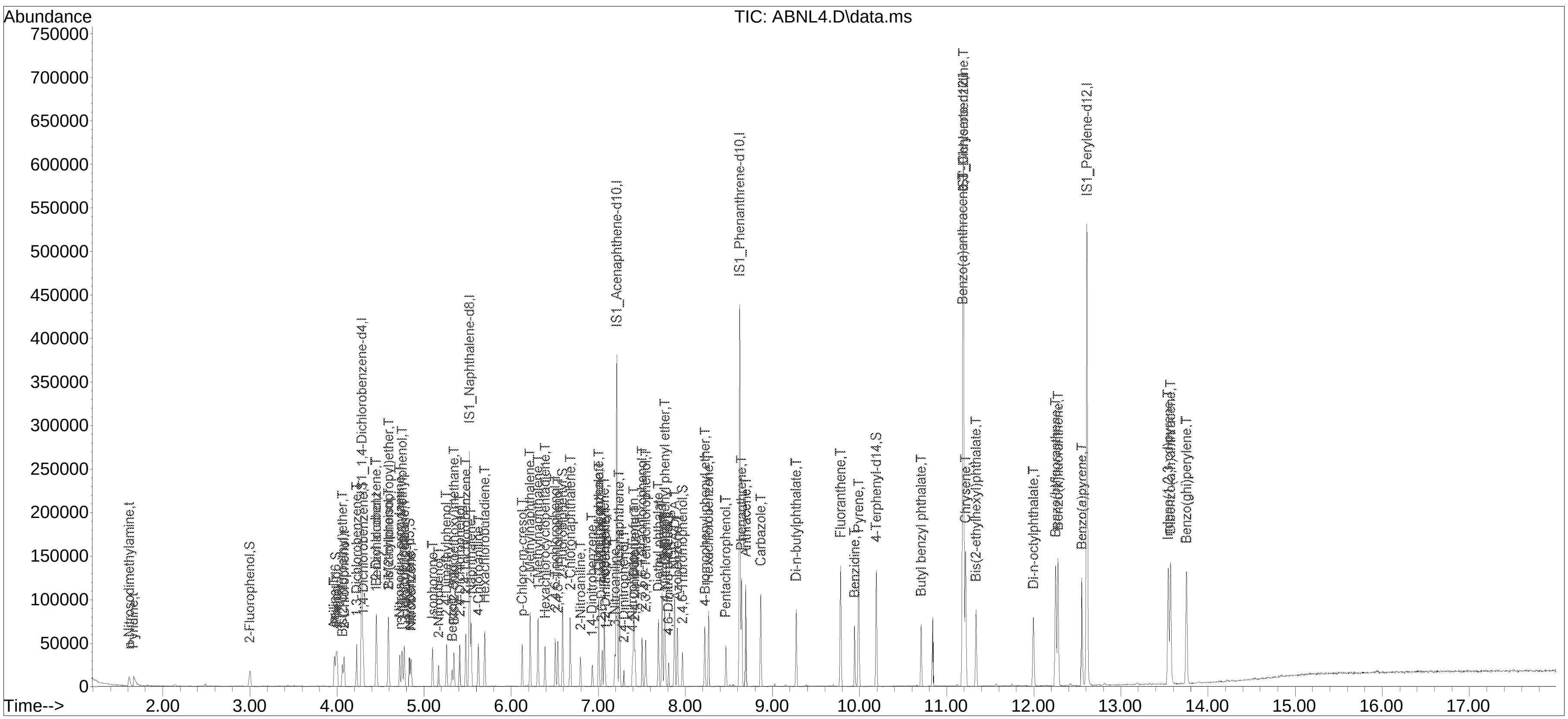
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL4.D
Acq On : 5 Nov 2024 6:56 pm
Operator : Dakota:HNY
Sample : IL7,32,,ABNL1 Lot# 11116
Misc : WG1994500
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 06 09:21:32 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

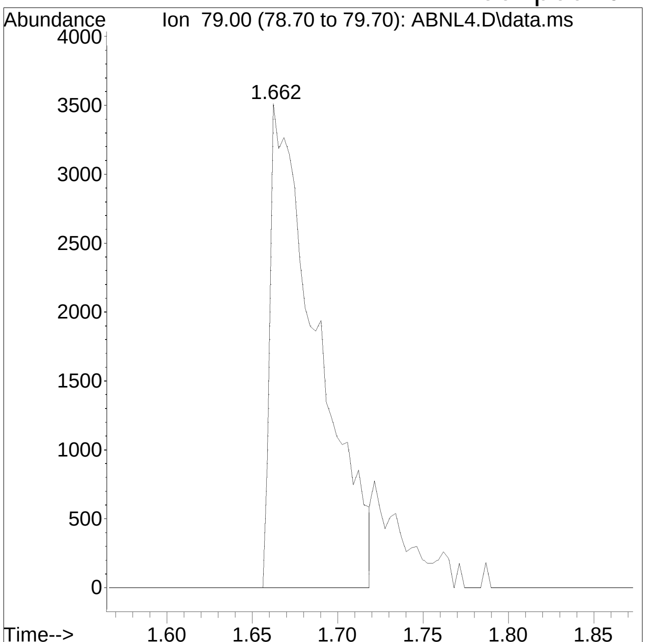
Sub List : ABNical - ABN ical sublistVTICAL\ABNL6.D•

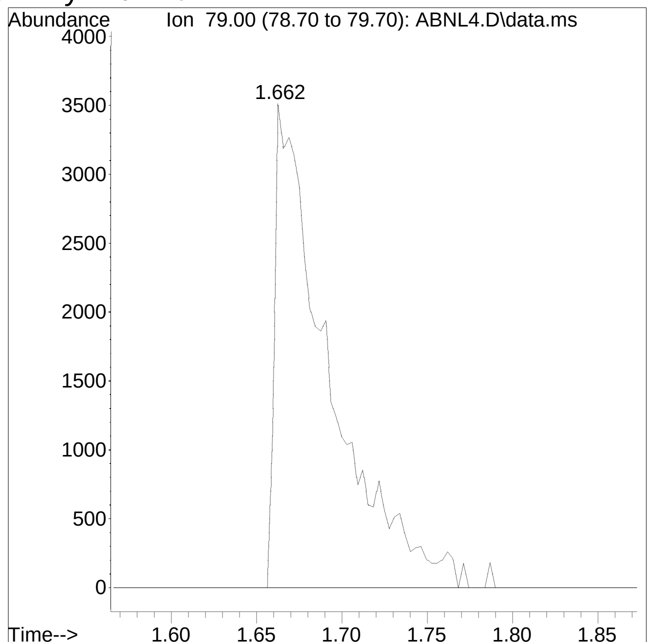


Manual Integration Report

Data Path	: I:\8270\Dakota\241105RVTICQ	Method	: FS241105RVT_Dakota.m
Data File	: ABNL4.D	Operator	: Dakota:HNY
Date Inj'd	: 11/5/2024 6:56 pm	Instrument	: Dakota
Sample	: IL7,32,,ABNL1 Lot# 11116	Quant Date	: 11/6/2024 8:35 am

Compound #3: Pyridine





Original Peak Response = 6679 Manual Peak Response = 7733 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL3.D
Acq On : 5 Nov 2024 7:19 pm
Operator : Dakota:HNY
Sample : IL8,32,,ABNL0.5 Lot# 11117
Misc : WG1994500
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 09:19:46 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.283	152	29418	4.000 ug/ml	0.00
Standard Area 1 = 28960			Recovery =	101.58%	
37) IS1_Naphthalene-d8	5.520	136	107040	4.000 ug/ml	# 0.00
Standard Area 1 = 107558			Recovery =	99.52%	
65) IS1_Acenaphthene-d10	7.210	164	69588	4.000 ug/ml	0.00
Standard Area 1 = 69553			Recovery =	100.05%	
90) IS1_Phenanthrene-d10	8.625	188	154469	4.000 ug/ml	0.00
Standard Area 1 = 149813			Recovery =	103.11%	
106) IS1_Chrysene-d12	11.189	240	171586	4.000 ug/ml	0.00
Standard Area 1 = 173036			Recovery =	99.16%	
115) IS1_Perylene-d12	12.609	264	198191	4.000 ug/ml	0.00
Standard Area 1 = 203359			Recovery =	97.46%	

Compound	Spiked Amount / R.T.	Range / QIon	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
4) 2-Fluorophenol	2.999	112	4114	0.594 ug/ml	0.00
Spiked Amount	2.000	Range 15 - 110	Recovery =	29.70%	
7) Phenol-d6	3.984	99	5099	0.573 ug/ml	0.00
Spiked Amount	2.000	Range 15 - 110	Recovery =	28.65%	
19) Nitrobenzene-d5	4.833	82	4322	0.533 ug/ml	0.00
Spiked Amount	1.000	Range 30 - 130	Recovery =	53.30%	
48) 2-Fluorobiphenyl	6.592	172	14074	0.515 ug/ml	0.00
Spiked Amount	1.000	Range 30 - 130	Recovery =	51.50%	
81) 2,4,6-Tribromophenol	7.969	330	2419	0.533 ug/ml	0.00
Spiked Amount	2.000	Range 15 - 110	Recovery =	26.65%	
98) 4-Terphenyl-d14	10.191	244	23205	0.557 ug/ml	0.00
Spiked Amount	1.000	Range 30 - 130	Recovery =	55.70%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) n-Nitrosodimethylamine	1.616	74	2320	0.493 ug/ml#	84
3) Pyridine	1.678	79	3401	0.461 ug/ml#	52
5) Aniline	3.969	93	6141	0.533 ug/ml#	95
6) 2-Chlorophenol	4.081	128	4589	0.548 ug/ml	91
8) Phenol	3.997	94	5365	0.516 ug/ml	98
9) Bis(2-chloroethyl)ether	4.062	93	3944	0.535 ug/ml#	73
10) 1,3-Dichlorobenzene	4.224	146	6253	0.508 ug/ml	94
11) 1,4-Dichlorobenzene	4.301	146	5896	0.491 ug/ml	96
12) 1,2-Dichlorobenzene	4.447	146	6085	0.527 ug/ml	93
13) Benzyl alcohol	4.450	79	3277	0.504 ug/ml	92
14) Bis(2-chloroisopropyl)...	4.596	45	6779	0.452 ug/ml#	57

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL3.D
Acq On : 5 Nov 2024 7:19 pm
Operator : Dakota:HNY
Sample : IL8,32,,ABNL0.5 Lot# 11117
Misc : WG1994500
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 09:19:46 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	4.590	108	4182	0.571 ug/ml	98
16) Hexachloroethane	4.774	117	2279	0.522 ug/ml#	55
17) n-Nitrosodi-n-propylamine	4.724	70	3148	0.514 ug/ml#	83
18) 3-Methylphenol/4-Methy...	4.749	108	4315	0.555 ug/ml#	96
20) Nitrobenzene	4.851	77	4733	0.551 ug/ml	92
21) Isophorone	5.097	82	8339	0.527 ug/ml#	94
22) 2-Nitrophenol	5.168	139	2238	0.617 ug/ml#	83
23) 2,4-Dimethylphenol	5.255	107	3990	0.543 ug/ml	97
24) Bis(2-chloroethoxy)met...	5.342	93	5699	0.567 ug/ml#	88
25) 2,4-Dichlorophenol	5.408	162	4928	0.539 ug/ml#	90
26) 1,2,4-Trichlorobenzene	5.479	180	5828	0.483 ug/ml#	93
38) Naphthalene	5.538	128	15620	0.544 ug/ml	99
39) Benzoic Acid	5.314	105	2055	1.933 ug/ml	93
40) 4-Chloroaniline	5.619	65	1649	0.440 ug/ml#	73
41) Hexachlorobutadiene	5.697	225	3809	0.510 ug/ml	97
42) p-Chloro-m-cresol	6.126	107	4123	0.553 ug/ml	94
43) 2-Methylnaphthalene	6.216	142	10794	0.533 ug/ml	96
44) 1-Methylnaphthalene	6.309	115	3402	0.515 ug/ml	90
45) Hexachlorocyclopentadiene	6.390	237	3753	0.523 ug/ml#	92
46) 2,4,6-Trichlorophenol	6.508	196	3730	0.471 ug/ml	96
47) 2,4,5-Trichlorophenol	6.536	196	4171	0.479 ug/ml	94
49) 2-Chloronaphthalene	6.676	162	11828	0.500 ug/ml#	92
50) 2-Nitroaniline	6.797	138	2840	0.528 ug/ml#	79
51) 1,4-Dinitrobenzene	6.928	168	1198	0.446 ug/ml	98
52) 1,3-Dinitrobenzene	7.002	168	1608	0.504 ug/ml#	1
53) Dimethyl phthalate	7.002	163	13663	0.485 ug/ml#	93
54) Acenaphthylene	7.067	152	17423	0.506 ug/ml	99
55) 2,6-Dinitrotoluene	7.043	165	2472	0.522 ug/ml#	72
56) 1,2-Dinitrobenzene	7.077	168	869	0.468 ug/ml#	1
66) 3-Nitroaniline	7.192	138	2555	0.550 ug/ml#	87
67) Acenaphthene	7.238	154	10391	0.538 ug/ml	86
68) 2,4-Dinitrophenol	7.294	184	1122	0.372 ug/ml#	60
69) Dibenzofuran	7.409	168	18140	0.543 ug/ml	90
70) 2,4-Dinitrotoluene	7.422	165	3188	0.497 ug/ml#	87
71) 4-Nitrophenol	7.397	65	1815	0.493 ug/ml#	1
72) 2,3,5,6-Tetrachlorophenol	7.503	232	3995	0.590 ug/ml	95
73) 2,3,4,6-Tetrachlorophenol	7.546	232	3636	0.546 ug/ml	95
74) Diethyl phthalate	7.686	149	14100	0.537 ug/ml	97
75) Fluorene	7.736	166	13902	0.530 ug/ml	92
76) 4-Chlorophenyl phenyl ...	7.764	204	7123	0.526 ug/ml#	84

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL3.D
Acq On : 5 Nov 2024 7:19 pm
Operator : Dakota:HNY
Sample : IL8,32,,ABNL0.5 Lot# 11117
Misc : WG1994500
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 09:19:46 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 4-Nitroaniline	7.770	138	2602	0.505 ug/ml	82
78) 4,6-Dinitro-o-cresol	7.807	198	1926	0.800 ug/ml#	53
79) NDPA/DPA	7.879	169	12162	0.537 ug/ml	95
80) Azobenzene	7.910	77	11871	0.563 ug/ml	97
82) 4-Bromophenyl phenyl e...	8.227	248	4868	0.565 ug/ml#	77
83) Hexachlorobenzene	8.270	284	5936	0.545 ug/ml#	81
84) Pentachlorophenol	8.463	266	2717	0.459 ug/ml	95
91) Phenanthrene	8.643	178	23436	0.535 ug/ml	96
92) Anthracene	8.693	178	22990	0.531 ug/ml	98
93) Carbazole	8.867	167	21414	0.524 ug/ml	99
94) Di-n-butylphthalate	9.271	149	23305	0.517 ug/ml#	98
95) Fluoranthene	9.781	202	28196	0.521 ug/ml#	91
96) Benzidine	9.946	184	13470	0.436 ug/ml#	94
97) Pyrene	9.989	202	30155	0.523 ug/ml	98
99) Butyl benzyl phthalate	10.707	149	9250	0.481 ug/ml#	83
107) Benzo(a)anthracene	11.183	228	30189	0.533 ug/ml	99
108) 3,3'-Dichlorobenzidine	11.192	252	10487	0.505 ug/ml#	97
109) Chrysene	11.217	228	31185	0.571 ug/ml	99
110) Bis(2-ethylhexyl)phtha...	11.335	149	14256	0.474 ug/ml#	89
111) Di-n-octylphthalate	11.991	149	22394	0.453 ug/ml#	74
112) Benzo(b)fluoranthene	12.252	252	31504	0.543 ug/ml#	93
113) Benzo(k)fluoranthene	12.277	252	30567	0.534 ug/ml#	93
114) Benzo(a)pyrene	12.553	252	26723	0.505 ug/ml#	92
116) Indeno(1,2,3-cd)pyrene	13.542	276	29560	0.488 ug/mL#	88
117) Dibenzo(a,h)anthracene	13.567	278	30045	0.505 ug/ml#	89
118) Benzo(ghi)perylene	13.750	276	30478	0.529 ug/ml#	84

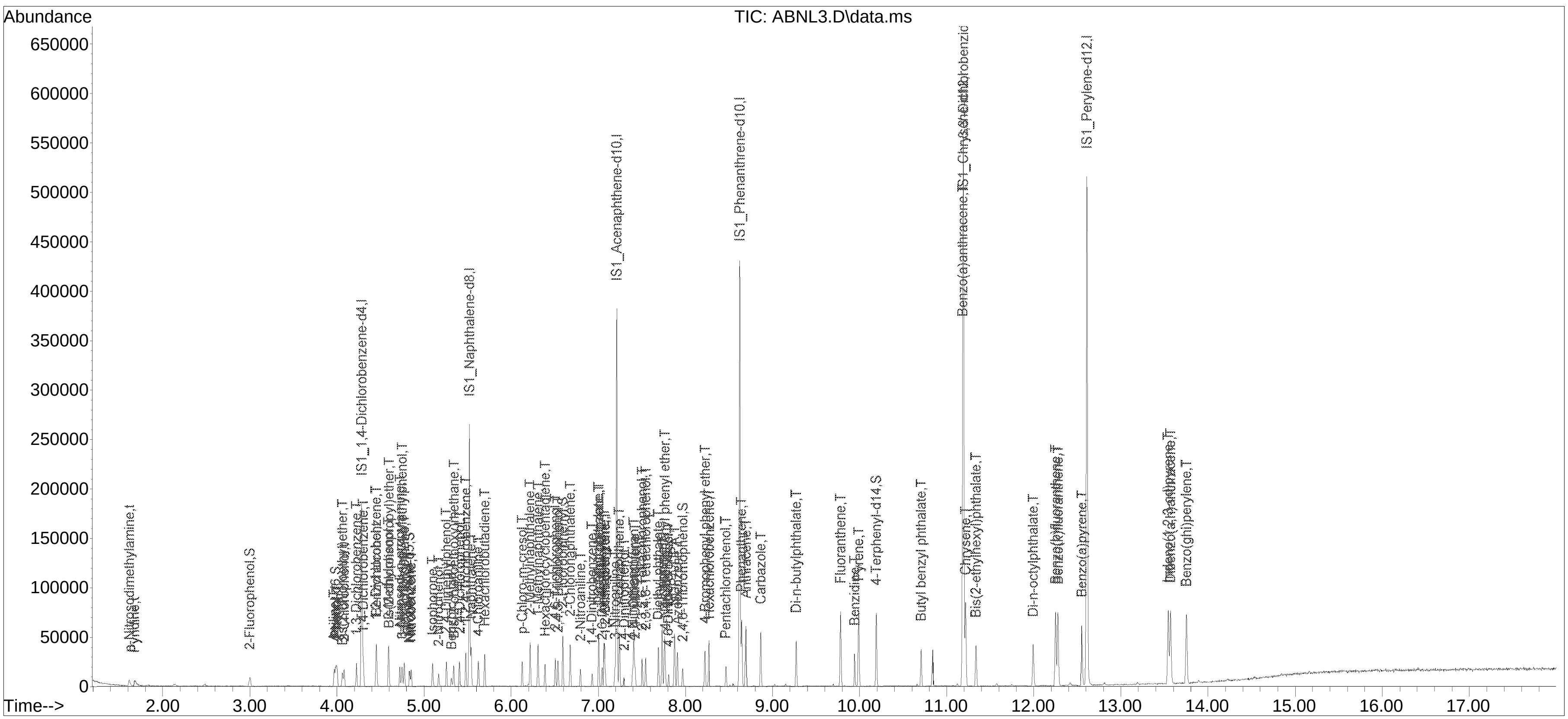
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL3.D
Acq On : 5 Nov 2024 7:19 pm
Operator : Dakota:HNY
Sample : IL8,32,,ABNL0.5 Lot# 11117
Misc : WG1994500
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 09:19:46 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistVTICAL\ABNL6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL3.D                    Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  7:19 pm         Instrument  : Dakota
Sample      : IL8,32,,ABNL0.5 Lot# 11117Quant Date  : 11/6/2024  8:35 am
```

There are no manual integrations or false positives in this file.

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL2.D
Acq On    :  5 Nov 2024   7:42 pm
Operator  : Dakota:HNY
Sample    : IL9,32,,ABNL0.2 Lot# 11149
Misc      : WG1994500
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Nov 06 09:19:20 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.283  152     26744     4.000 ug/ml    0.00
   Standard Area 1 = 28960                 Recovery   =   92.35%
37) IS1_Naphthalene-d8          5.520  136     97597     4.000 ug/ml    0.00
   Standard Area 1 = 107558                 Recovery   =   90.74%
65) IS1_Acenaphthene-d10        7.210  164     61798     4.000 ug/ml    0.00
   Standard Area 1 = 69553                 Recovery   =   88.85%
90) IS1_Phenanthrene-d10        8.621  188    140419     4.000 ug/ml    0.00
   Standard Area 1 = 149813                 Recovery   =   93.73%
106) IS1_Chrysene-d12          11.189  240    157363     4.000 ug/ml    0.00
   Standard Area 1 = 173036                 Recovery   =   90.94%
115) IS1_Perylene-d12          12.609  264    178706     4.000 ug/ml    0.00
   Standard Area 1 = 203359                 Recovery   =   87.88%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.002  112      1343     0.213 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   10.65%#
 7) Phenol-d6                   3.984   99      1724     0.213 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   10.65%#
19) Nitrobenzene-d5             4.836   82      1535     0.208 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   20.80%#
48) 2-Fluorobiphenyl            6.592  172      4771     0.191 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   19.10%#
81) 2,4,6-Tribromophenol        7.969  330       885     0.220 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   11.00%#
98) 4-Terphenyl-d14            10.188  244      7997     0.211 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   21.10%#

 Target Compounds                                                  Qvalue
 2) n-Nitrosodimethylamine      1.619   74       731      0.171 ug/ml#    88
 3) Pyridine                    1.703   79       992      0.148 ug/ml#     1
 5) Aniline                     3.972   93      1909      0.182 ug/ml#    77
 6) 2-Chlorophenol              4.077  128      1411      0.185 ug/ml#    71
 8) Phenol                      4.000   94      1770      0.187 ug/ml#    73
 9) Bis(2-chloroethyl)ether     4.062   93      1212      0.181 ug/ml#    73
10) 1,3-Dichlorobenzene         4.227  146      1946M3    0.174 ug/ml
11) 1,4-Dichlorobenzene         4.301  146      2074      0.190 ug/ml     93
12) 1,2-Dichlorobenzene         4.450  146      2094      0.200 ug/ml     92
13) Benzyl alcohol              4.453   79      1147      0.194 ug/ml     97
14) Bis(2-chloroisopropyl)...   4.593   45      2334      0.171 ug/ml#    51
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL2.D
Acq On : 5 Nov 2024 7:42 pm
Operator : Dakota:HNY
Sample : IL9,32,,ABNL0.2 Lot# 11149
Misc : WG1994500
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 09:19:20 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	4.590	108	1387	0.208 ug/ml#	89
16) Hexachloroethane	4.774	117	675	0.170 ug/ml#	46
17) n-Nitrosodi-n-propylamine	4.724	70	1115	0.200 ug/ml#	59
18) 3-Methylphenol/4-Methy...	4.749	108	1604	0.227 ug/ml#	96
20) Nitrobenzene	4.854	77	1500	0.192 ug/ml#	85
21) Isophorone	5.100	82	2890	0.201 ug/ml#	65
22) 2-Nitrophenol	5.165	139	785	0.238 ug/ml#	31
23) 2,4-Dimethylphenol	5.255	107	1345	0.201 ug/ml	93
24) Bis(2-chloroethoxy)met...	5.339	93	1764	0.193 ug/ml#	89
25) 2,4-Dichlorophenol	5.408	162	1570	0.189 ug/ml#	75
26) 1,2,4-Trichlorobenzene	5.479	180	2035	0.186 ug/ml	88
38) Naphthalene	5.538	128	5444	0.208 ug/ml	99
39) Benzoic Acid	5.311	105	305M2	1.675 ug/ml	
40) 4-Chloroaniline	5.622	65	556	0.163 ug/ml#	56
41) Hexachlorobutadiene	5.697	225	1142	0.168 ug/ml	96
42) p-Chloro-m-cresol	6.126	107	1357	0.200 ug/ml#	82
43) 2-Methylnaphthalene	6.219	142	3600	0.195 ug/ml	95
44) 1-Methylnaphthalene	6.306	115	1113M3	0.185 ug/ml	
45) Hexachlorocyclopentadiene	6.390	237	1098	0.168 ug/ml#	87
46) 2,4,6-Trichlorophenol	6.508	196	1360	0.188 ug/ml#	83
47) 2,4,5-Trichlorophenol	6.539	196	1464	0.185 ug/ml#	83
49) 2-Chloronaphthalene	6.679	162	4378	0.203 ug/ml#	91
50) 2-Nitroaniline	6.794	138	967	0.197 ug/ml#	44
51) 1,4-Dinitrobenzene	6.928	168	309M2	0.126 ug/ml	
52) 1,3-Dinitrobenzene	7.005	168	453M2	0.156 ug/ml	
53) Dimethyl phthalate	7.002	163	4834	0.188 ug/ml#	77
54) Acenaphthylene	7.067	152	5876	0.187 ug/ml	100
55) 2,6-Dinitrotoluene	7.043	165	768	0.178 ug/ml#	50
56) 1,2-Dinitrobenzene	7.083	168	212M2	0.125 ug/ml	
66) 3-Nitroaniline	7.192	138	892	0.216 ug/ml#	67
67) Acenaphthene	7.238	154	3717	0.217 ug/ml	91
68) 2,4-Dinitrophenol	7.291	184	291M2	0.109 ug/ml	
69) Dibenzofuran	7.409	168	6564	0.221 ug/ml	96
70) 2,4-Dinitrotoluene	7.422	165	1006	0.177 ug/ml#	60
71) 4-Nitrophenol	7.394	65	638	0.195 ug/ml#	1
72) 2,3,5,6-Tetrachlorophenol	7.506	232	1294	0.215 ug/ml	87
73) 2,3,4,6-Tetrachlorophenol	7.546	232	1161	0.196 ug/ml	92
74) Diethyl phthalate	7.686	149	4946	0.212 ug/ml	96
75) Fluorene	7.736	166	4961	0.213 ug/ml	87
76) 4-Chlorophenyl phenyl ...	7.761	204	2543	0.212 ug/ml#	79

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL2.D
Acq On : 5 Nov 2024 7:42 pm
Operator : Dakota:HNY
Sample : IL9,32,,ABNL0.2 Lot# 11149
Misc : WG1994500
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 09:19:20 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 4-Nitroaniline	7.770	138	798	0.174 ug/ml#	80
78) 4,6-Dinitro-o-cresol	7.810	198	460M2	0.497 ug/ml	
79) NDPA/DPA	7.879	169	4188	0.208 ug/ml	88
80) Azobenzene	7.910	77	4014	0.215 ug/ml#	95
82) 4-Bromophenyl phenyl e...	8.227	248	1681	0.220 ug/ml#	82
83) Hexachlorobenzene	8.267	284	2219	0.229 ug/ml#	76
84) Pentachlorophenol	8.466	266	864	0.164 ug/ml	98
91) Phenanthrene	8.643	178	8748	0.220 ug/ml	98
92) Anthracene	8.690	178	8056	0.205 ug/ml	99
93) Carbazole	8.864	167	7288	0.196 ug/ml	99
94) Di-n-butylphthalate	9.271	149	7684	0.188 ug/ml#	93
95) Fluoranthene	9.781	202	10128	0.206 ug/ml#	92
96) Benzidine	9.945	184	4612	0.164 ug/ml#	86
97) Pyrene	9.989	202	10851	0.207 ug/ml	99
99) Butyl benzyl phthalate	10.707	149	2914	0.167 ug/ml#	82
107) Benzo(a)anthracene	11.179	228	10880	0.210 ug/ml	98
108) 3,3'-Dichlorobenzidine	11.192	252	3454	0.181 ug/ml	98
109) Chrysene	11.217	228	10803	0.216 ug/ml	96
110) Bis(2-ethylhexyl)phtha...	11.335	149	4698	0.170 ug/ml#	85
111) Di-n-octylphthalate	11.994	149	8032	0.177 ug/ml#	73
112) Benzo(b)fluoranthene	12.252	252	11034	0.207 ug/ml#	93
113) Benzo(k)fluoranthene	12.277	252	9946	0.189 ug/ml#	94
114) Benzo(a)pyrene	12.553	252	9411	0.194 ug/ml#	91
116) Indeno(1,2,3-cd)pyrene	13.538	276	10109	0.185 ug/mL#	89
117) Dibenzo(a,h)anthracene	13.566	278	10097	0.188 ug/ml#	90
118) Benzo(ghi)perylene	13.747	276	10475	0.201 ug/ml#	84

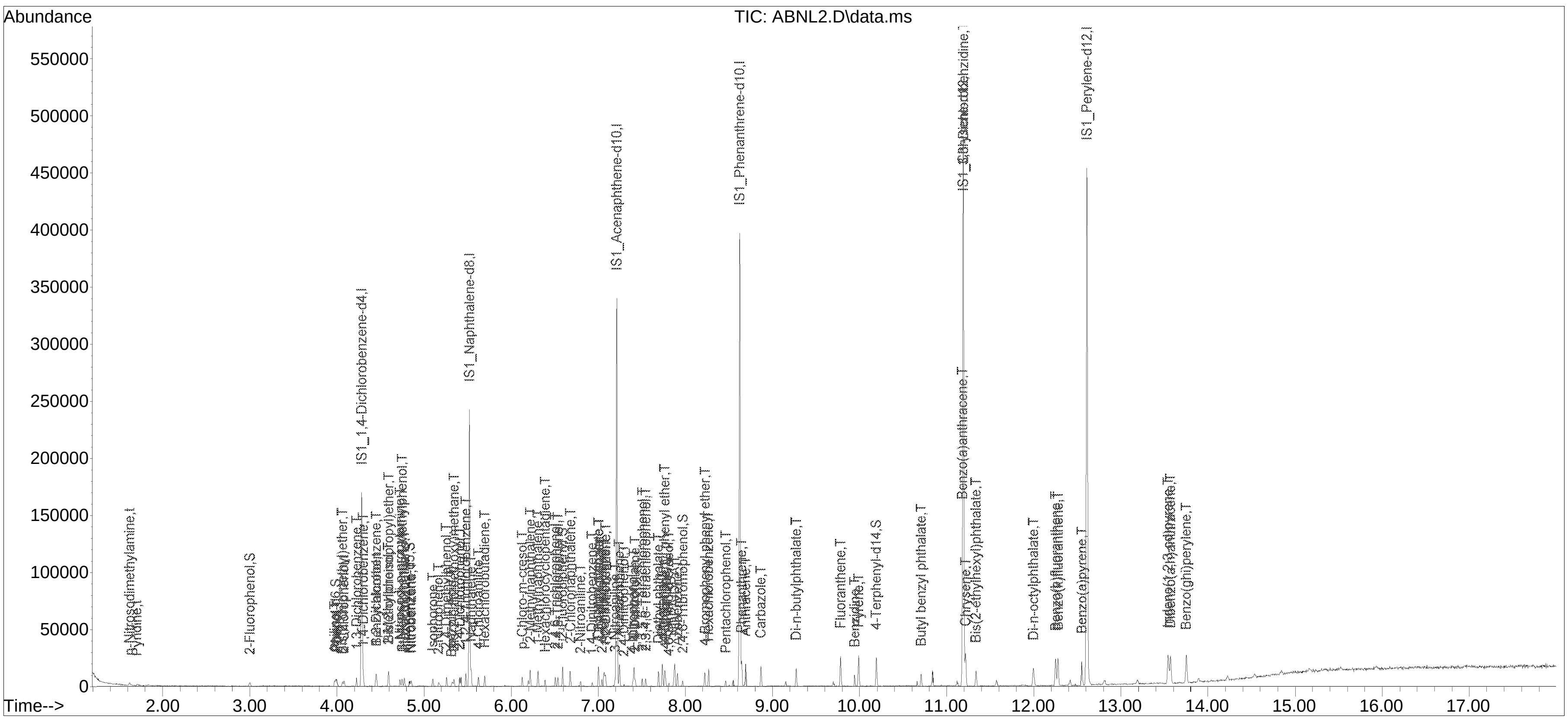
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL2.D
Acq On   : 5 Nov 2024   7:42 pm
Operator : Dakota:HNY
Sample   : IL9,32,,ABNL0.2 Lot# 11149
Misc   : WG1994500
ALS Vial : 8   Sample Multiplier: 1

Quant Time: Nov 06 09:19:20 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

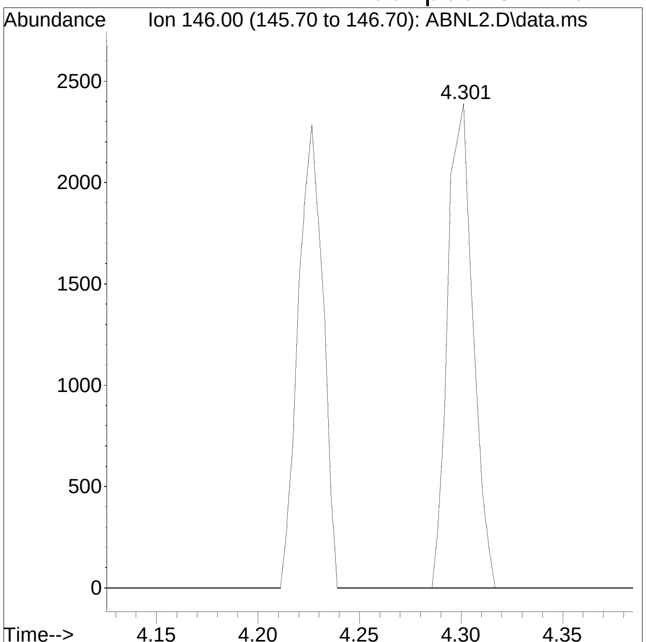
Sub List   : ABNical - ABN ical sublistVTICAL\ABNL6.D•

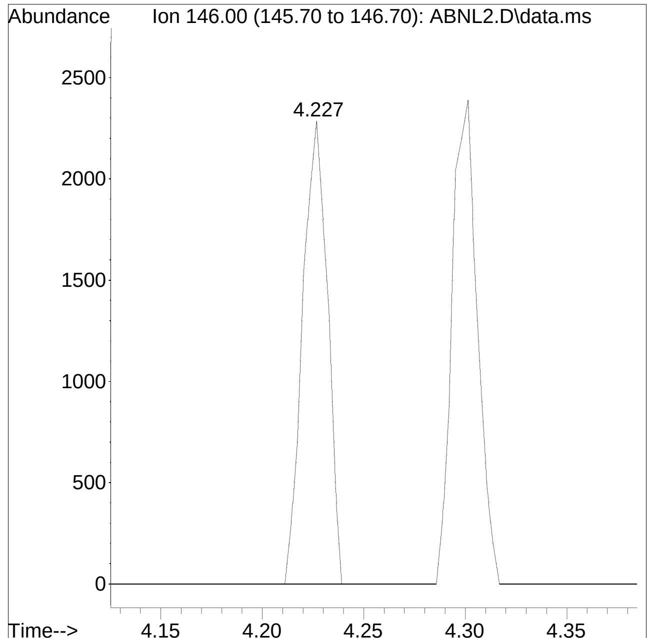


Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNL2.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 7:42 pm Instrument : Dakota
Sample : IL9,32,,ABNL0.2 Lot# 11149Quant Date : 11/6/2024 8:35 am

Compound #10: 1,3-Dichlorobenzene



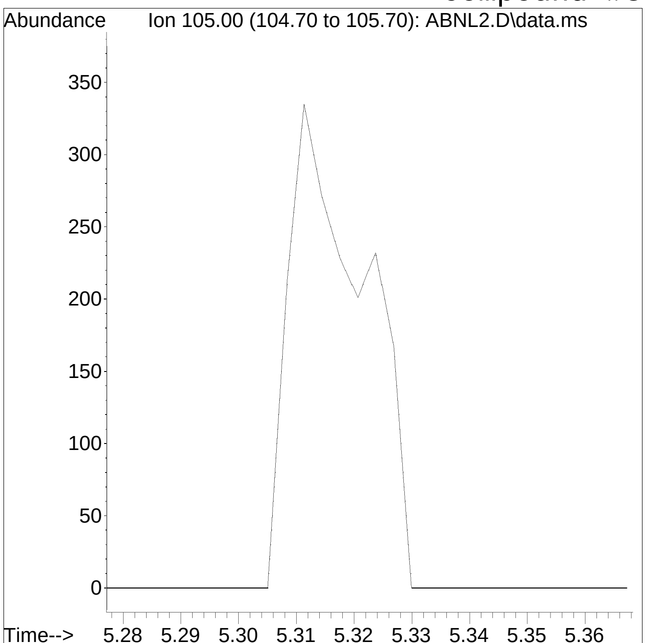


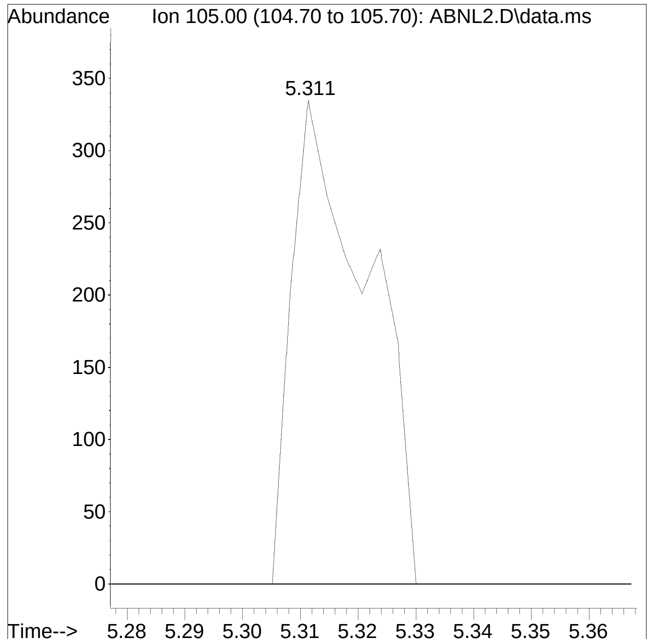
Original Peak Response = 2074 Manual Peak Response = 1946 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL2.D                     Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  7:42 pm          Instrument  : Dakota
Sample      : IL9,32,,ABNL0.2 Lot# 11149Quant Date  : 11/6/2024  8:35 am
```

Compound #39: Benzoic Acid





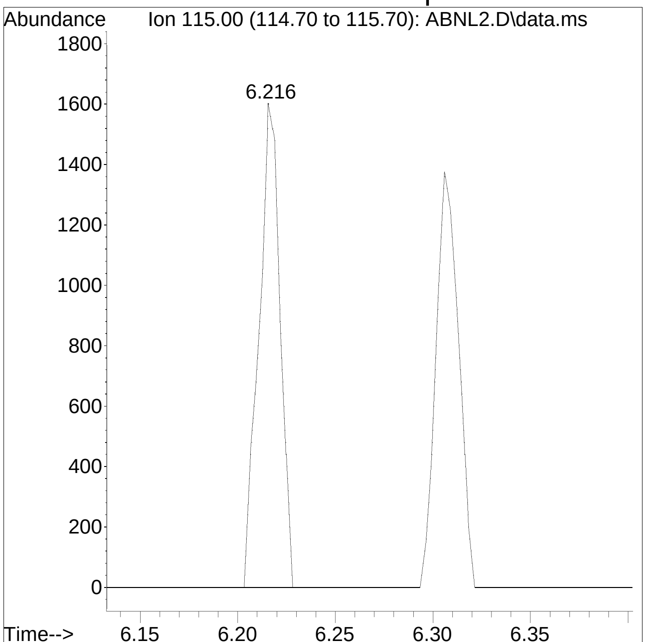
Original Peak Response = 0 Manual Peak Response = 305 M2

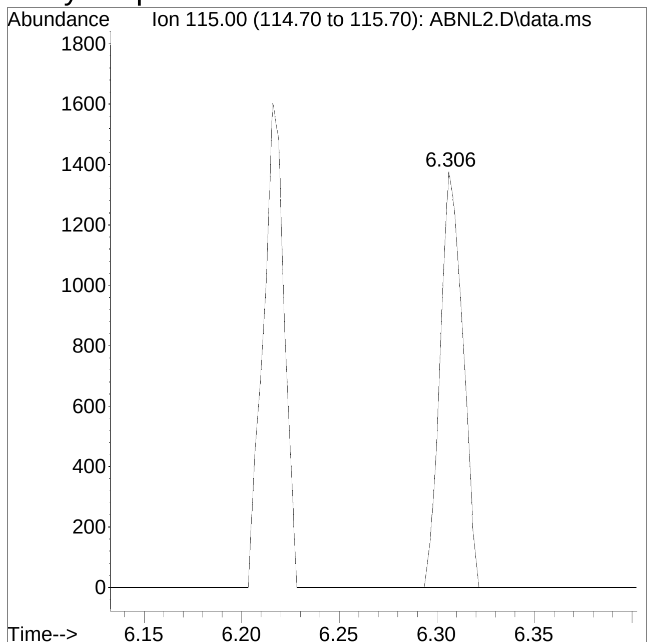
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL2.D                       Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  7:42 pm            Instrument  : Dakota
Sample      : IL9,32,,ABNL0.2 Lot# 11149Quant Date  : 11/6/2024  8:35 am
```

Compound #44: 1-Methylnaphthalene





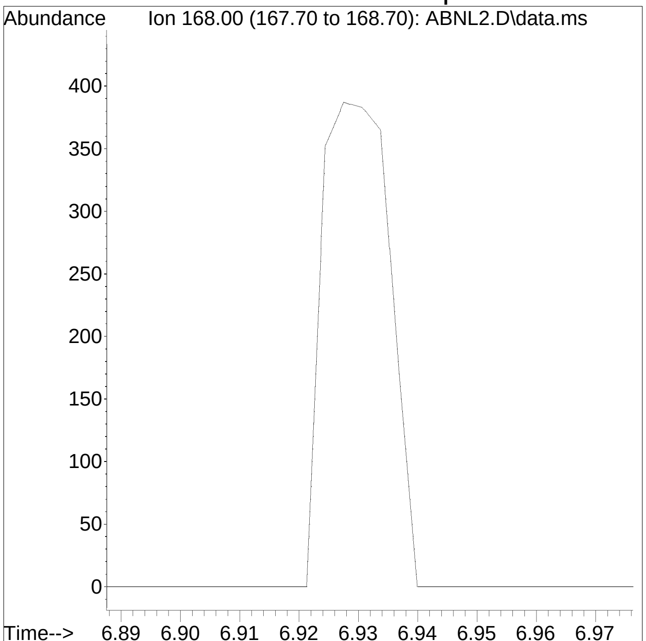
Original Peak Response = 1210   Manual Peak Response = 1113 M3

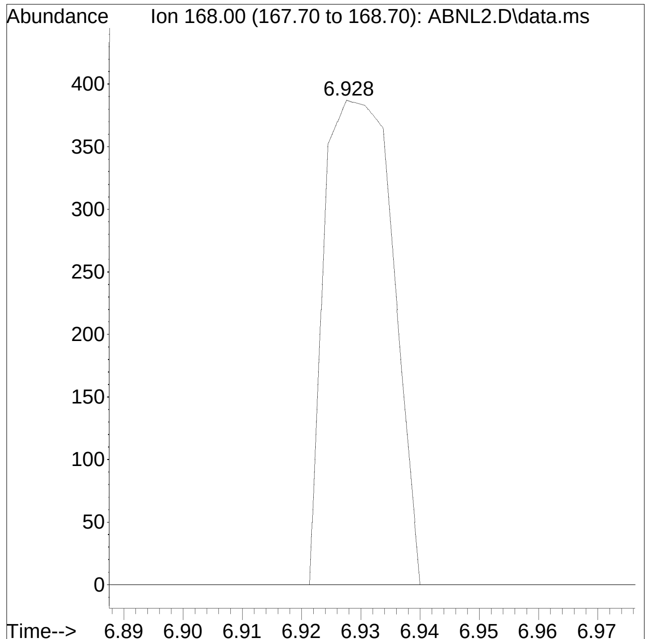
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNL2.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 7:42 pm Instrument : Dakota
Sample : IL9,32,,ABNL0.2 Lot# 11149Quant Date : 11/6/2024 8:35 am

Compound #51: 1,4-Dinitrobenzene



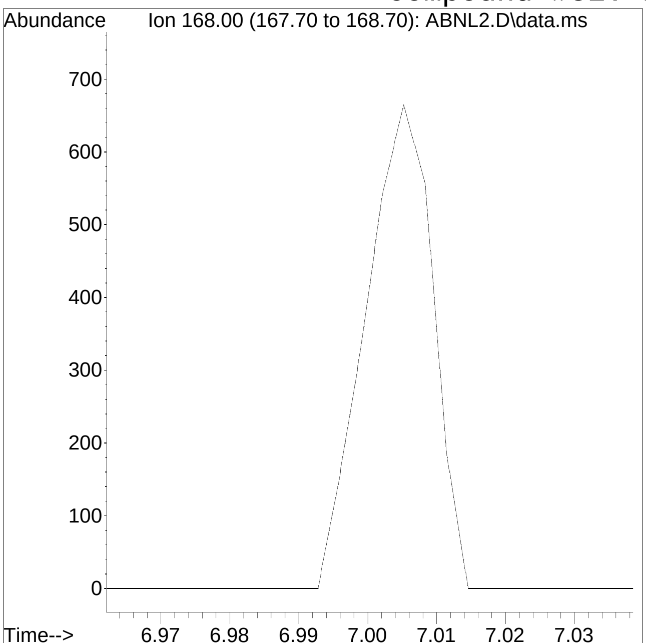


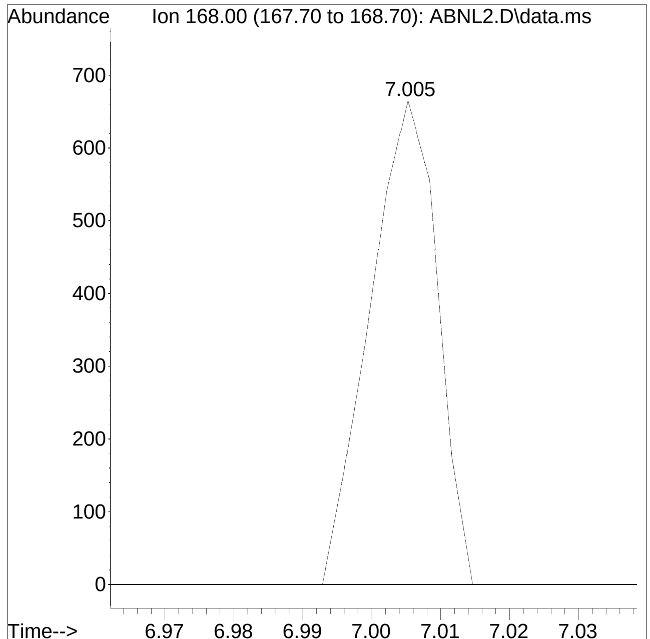
Original Peak Response = 0 Manual Peak Response = 309 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL2.D                   Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  7:42 pm        Instrument  : Dakota
Sample      : IL9,32,,ABNL0.2 Lot# 11149Quant Date  : 11/6/2024  8:35 am
```

Compound #52: 1,3-Dinitrobenzene





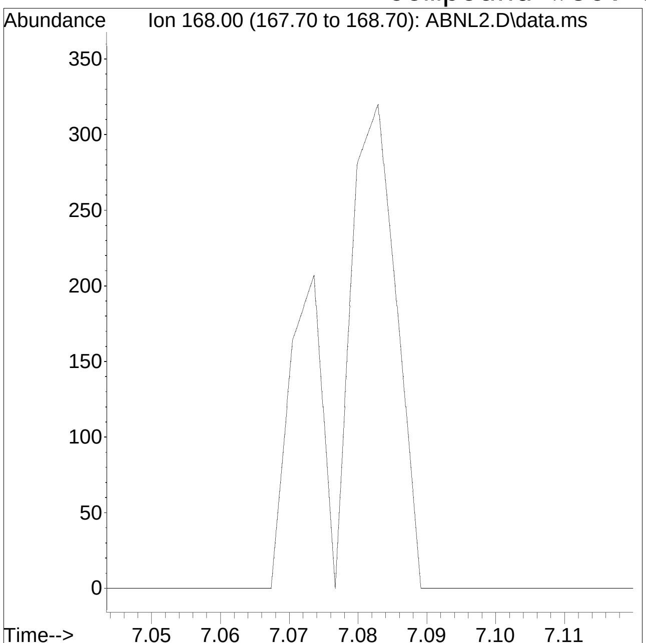
Original Peak Response = 0   Manual Peak Response = 453 M2

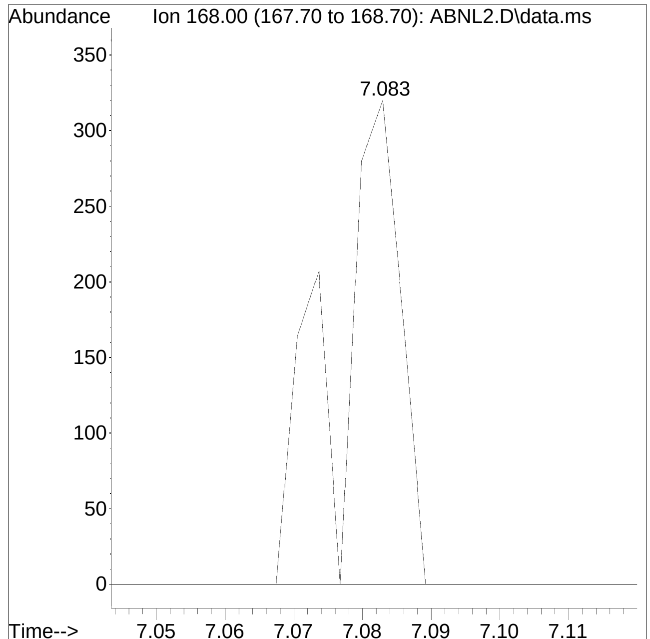
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL2.D                    Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  7:42 pm         Instrument  : Dakota
Sample      : IL9,32,,ABNL0.2 Lot# 11149Quant Date  : 11/6/2024  8:35 am
```

Compound #56: 1,2-Dinitrobenzene





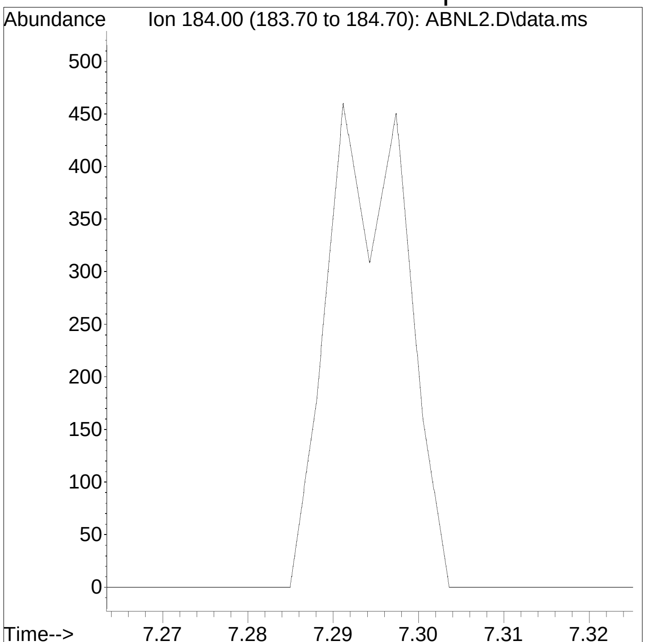
Original Peak Response = 0   Manual Peak Response = 212 M2

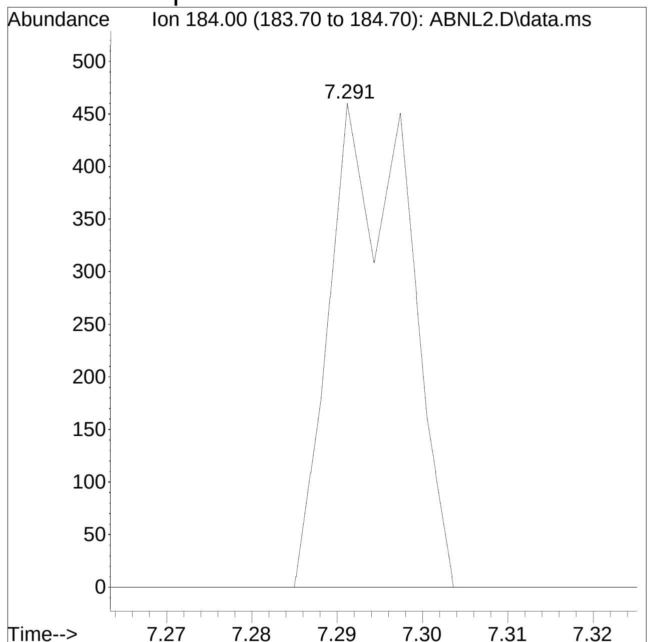
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL2.D                     Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  7:42 pm          Instrument  : Dakota
Sample      : IL9,32,,ABNL0.2 Lot# 11149Quant Date  : 11/6/2024  8:35 am
```

Compound #68: 2,4-Dinitrophenol





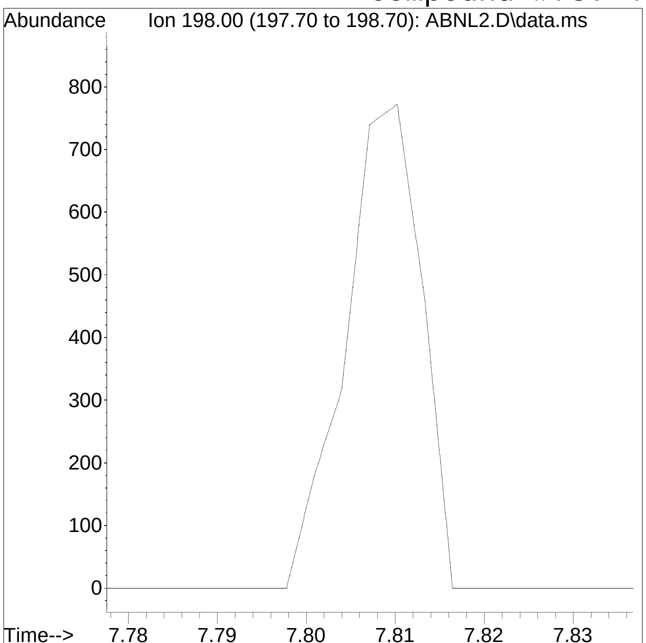
Original Peak Response = 0   Manual Peak Response = 291 M2

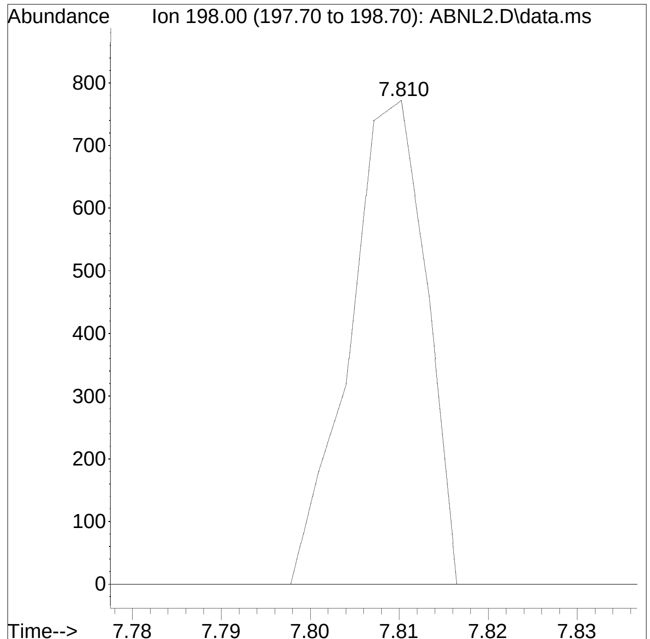
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNL2.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 7:42 pm Instrument : Dakota
Sample : IL9,32,,ABNL0.2 Lot# 11149Quant Date : 11/6/2024 8:35 am

Compound #78: 4,6-Dinitro-o-cresol





Original Peak Response = 0 Manual Peak Response = 460 M2
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL1.D
Acq On    :  5 Nov 2024   8:06 pm
Operator  : Dakota:HNY
Sample    : IL10,32,,ABNL0.1 Lot# 11150
Misc      : WG1994500
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Nov 06 09:17:45 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List     : ABNical - ABN ical sublist

       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.283  152     27369     4.000 ug/ml    0.00
    Standard Area 1 = 28960                Recovery   =   94.51%
37) IS1_Naphthalene-d8          5.520  136     99976     4.000 ug/ml    0.00
    Standard Area 1 = 107558                Recovery   =   92.95%
65) IS1_Acenaphthene-d10        7.210  164     64152     4.000 ug/ml    0.00
    Standard Area 1 = 69553                Recovery   =   92.23%
90) IS1_Phenanthrene-d10        8.621  188    144467     4.000 ug/ml    0.00
    Standard Area 1 = 149813                Recovery   =   96.43%
106) IS1_Chrysene-d12          11.189  240    161244     4.000 ug/ml    0.00
    Standard Area 1 = 173036                Recovery   =   93.19%
115) IS1_Perylene-d12          12.609  264    182414     4.000 ug/ml    0.00
    Standard Area 1 = 203359                Recovery   =   89.70%

 System Monitoring Compounds
 4) 2-Fluorophenol              2.999  112       718     0.112 ug/ml   0.00
    Spiked Amount     2.000   Range  15 - 110    Recovery   =    5.60%#
 7) Phenol-d6                   3.987   99      1069     0.129 ug/ml   0.00
    Spiked Amount     2.000   Range  15 - 110    Recovery   =    6.45%#
19) Nitrobenzene-d5             4.836   82       848     0.112 ug/ml   0.00
    Spiked Amount     1.000   Range  30 - 130    Recovery   =   11.20%#
48) 2-Fluorobiphenyl            6.592  172      3465     0.136 ug/ml   0.00
    Spiked Amount     1.000   Range  30 - 130    Recovery   =   13.60%#
81) 2,4,6-Tribromophenol        7.966  330       505     0.121 ug/ml   0.00
    Spiked Amount     2.000   Range  15 - 110    Recovery   =    6.05%#
98) 4-Terphenyl-d14            10.191  244      5994     0.154 ug/ml   0.00
    Spiked Amount     1.000   Range  30 - 130    Recovery   =   15.40%#

 Target Compounds                                                   Qvalue
 2) n-Nitrosodimethylamine      1.619   74       471M2    0.107 ug/ml
 3) Pyridine                    1.721   79       491M2    0.072 ug/ml
 5) Aniline                     3.972   93      1245      0.116 ug/ml#    83
 6) 2-Chlorophenol              4.081  128       966      0.124 ug/ml#    30
 8) Phenol                      4.000   94      1175      0.121 ug/ml#    74
 9) Bis(2-chloroethyl)ether     4.065   93       882      0.129 ug/ml#    65
10) 1,3-Dichlorobenzene         4.227  146      1361M3    0.119 ug/ml
11) 1,4-Dichlorobenzene         4.301  146      1449      0.130 ug/ml     94
12) 1,2-Dichlorobenzene         4.447  146      1160M3    0.108 ug/ml
13) Benzyl alcohol              4.457   79       695      0.115 ug/ml#    87
14) Bis(2-chloroisopropyl)...   4.596   45      1532      0.110 ug/ml#    48
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL1.D
Acq On : 5 Nov 2024 8:06 pm
Operator : Dakota:HNY
Sample : IL10,32,,ABNL0.1 Lot# 11150
Misc : WG1994500
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 09:17:45 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	4.593	108	890	0.131 ug/ml#	87
16) Hexachloroethane	4.774	117	541	0.133 ug/ml#	53
17) n-Nitrosodi-n-propylamine	4.727	70	767	0.135 ug/ml#	59
18) 3-Methylphenol/4-Methy...	4.752	108	1033	0.143 ug/ml#	87
20) Nitrobenzene	4.851	77	926	0.116 ug/ml#	39
21) Isophorone	5.100	82	1864	0.127 ug/ml#	65
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	5.255	107	936	0.137 ug/ml#	64
24) Bis(2-chloroethoxy)met...	5.342	93	1098	0.117 ug/ml#	50
25) 2,4-Dichlorophenol	5.408	162	1059	0.124 ug/ml#	73
26) 1,2,4-Trichlorobenzene	5.479	180	1353	0.121 ug/ml#	82
38) Naphthalene	5.538	128	3631	0.135 ug/ml#	52
39) Benzoic Acid	5.314	105	144M2	1.648 ug/ml	
40) 4-Chloroaniline	5.625	65	375M2	0.107 ug/ml	
41) Hexachlorobutadiene	5.697	225	744	0.107 ug/ml#	53
42) p-Chloro-m-cresol	6.129	107	854	0.123 ug/ml#	77
43) 2-Methylnaphthalene	6.216	142	2612	0.138 ug/ml	98
44) 1-Methylnaphthalene	6.309	115	803	0.130 ug/ml	84
45) Hexachlorocyclopentadiene	6.390	237	743	0.111 ug/ml#	27
46) 2,4,6-Trichlorophenol	6.511	196	814	0.110 ug/ml#	79
47) 2,4,5-Trichlorophenol	6.536	196	998	0.123 ug/ml#	81
49) 2-Chloronaphthalene	6.679	162	2781	0.126 ug/ml#	89
50) 2-Nitroaniline	6.797	138	550	0.109 ug/ml#	60
51) 1,4-Dinitrobenzene	6.928	168	232M2	0.093 ug/ml	
52) 1,3-Dinitrobenzene	6.999	168	271M2	0.091 ug/ml	
53) Dimethyl phthalate	7.002	163	3294	0.125 ug/ml#	77
54) Acenaphthylene	7.067	152	3963	0.123 ug/ml#	84
55) 2,6-Dinitrotoluene	7.039	165	480M3	0.108 ug/ml	
56) 1,2-Dinitrobenzene	7.083	168	66M2	0.038 ug/ml	
66) 3-Nitroaniline	7.192	138	500	0.117 ug/ml#	34
67) Acenaphthene	7.238	154	2671	0.150 ug/ml	94
68) 2,4-Dinitrophenol	7.294	184	194M2	0.070 ug/ml	
69) Dibenzofuran	7.409	168	4484	0.145 ug/ml	95
70) 2,4-Dinitrotoluene	7.422	165	598	0.101 ug/ml#	62
71) 4-Nitrophenol	7.397	65	368M3	0.108 ug/ml	
72) 2,3,5,6-Tetrachlorophenol	7.506	232	745	0.119 ug/ml#	73
73) 2,3,4,6-Tetrachlorophenol	7.543	232	860	0.140 ug/ml#	68
74) Diethyl phthalate	7.689	149	3507	0.145 ug/ml#	85
75) Fluorene	7.736	166	3304	0.137 ug/ml#	85
76) 4-Chlorophenyl phenyl ...	7.764	204	1762	0.141 ug/ml#	84

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL1.D
Acq On : 5 Nov 2024 8:06 pm
Operator : Dakota:HNY
Sample : IL10,32,,ABNL0.1 Lot# 11150
Misc : WG1994500
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 09:17:45 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 4-Nitroaniline	7.773	138	378M2	0.080 ug/ml	
78) 4,6-Dinitro-o-cresol	7.810	198	385M2	0.476 ug/ml	
79) NDPA/DPA	7.879	169	3050	0.146 ug/ml	97
80) Azobenzene	7.910	77	2486	0.128 ug/ml#	80
82) 4-Bromophenyl phenyl e...	8.227	248	1158	0.146 ug/ml#	76
83) Hexachlorobenzene	8.267	284	1435	0.143 ug/ml#	33
84) Pentachlorophenol	8.466	266	597	0.109 ug/ml#	19
91) Phenanthrene	8.646	178	5979	0.146 ug/ml	99
92) Anthracene	8.693	178	5679	0.140 ug/ml	97
93) Carbazole	8.864	167	4793	0.125 ug/ml	96
94) Di-n-butylphthalate	9.271	149	5118	0.121 ug/ml#	79
95) Fluoranthene	9.781	202	7016	0.138 ug/ml#	92
96) Benzidine	9.946	184	2944	0.102 ug/ml#	68
97) Pyrene	9.989	202	7325	0.136 ug/ml	96
99) Butyl benzyl phthalate	10.704	149	2048	0.114 ug/ml#	83
107) Benzo(a)anthracene	11.179	228	7534	0.142 ug/ml	98
108) 3,3'-Dichlorobenzidine	11.195	252	2367	0.121 ug/ml#	86
109) Chrysene	11.217	228	7896	0.154 ug/ml	98
110) Bis(2-ethylhexyl)phtha...	11.332	149	3348	0.119 ug/ml#	88
111) Di-n-octylphthalate	11.994	149	5561	0.120 ug/ml#	55
112) Benzo(b)fluoranthene	12.252	252	7346	0.135 ug/ml#	95
113) Benzo(k)fluoranthene	12.277	252	7028	0.131 ug/ml#	92
114) Benzo(a)pyrene	12.553	252	6027	0.121 ug/ml#	94
116) Indeno(1,2,3-cd)pyrene	13.542	276	7287	0.131 ug/mL#	90
117) Dibenzo(a,h)anthracene	13.566	278	6856	0.125 ug/ml#	92
118) Benzo(ghi)perylene	13.747	276	7053	0.133 ug/ml#	88

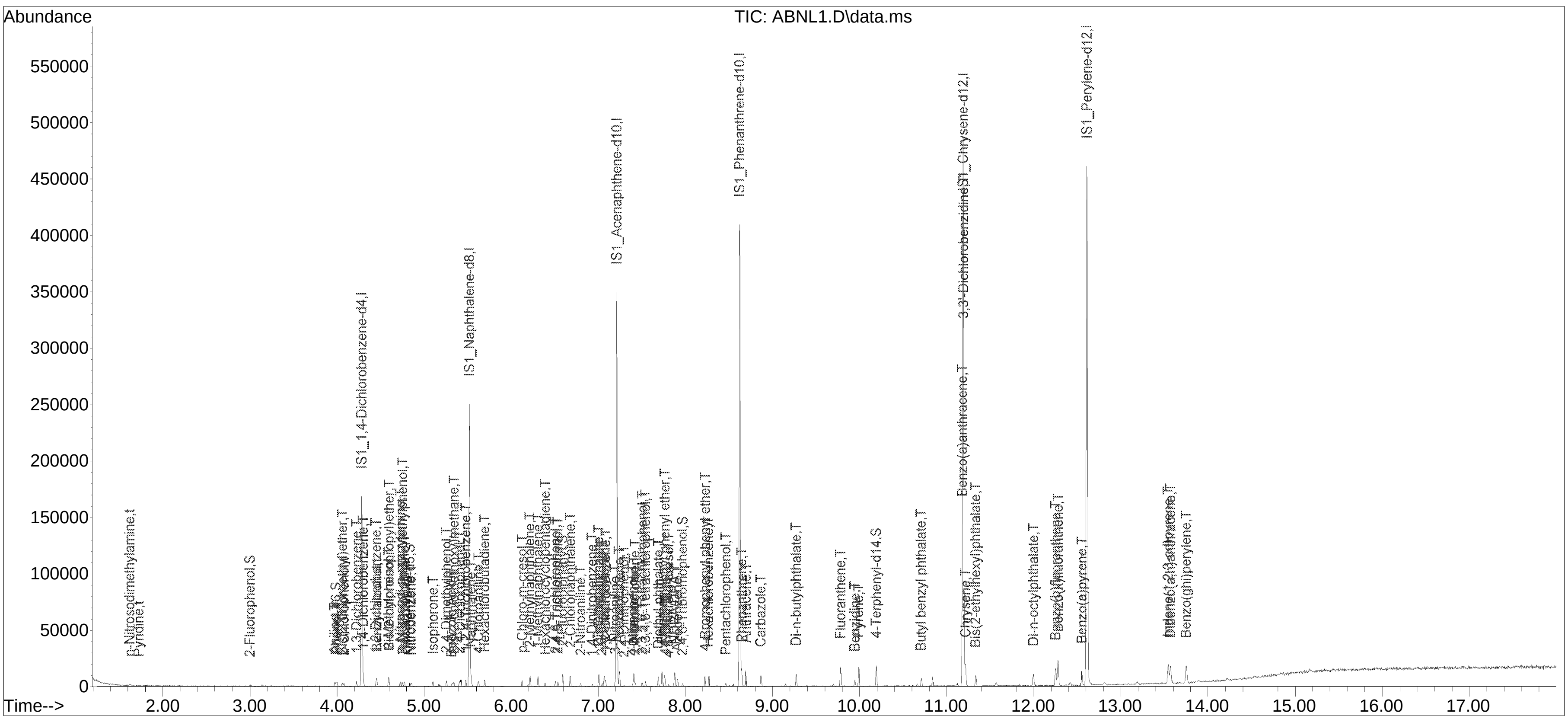
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNL1.D
Acq On : 5 Nov 2024 8:06 pm
Operator : Dakota:HNY
Sample : IL10,32,,ABNL0.1 Lot# 11150
Misc : WG1994500
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 09:17:45 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistVTICAL\ABNL6.D•

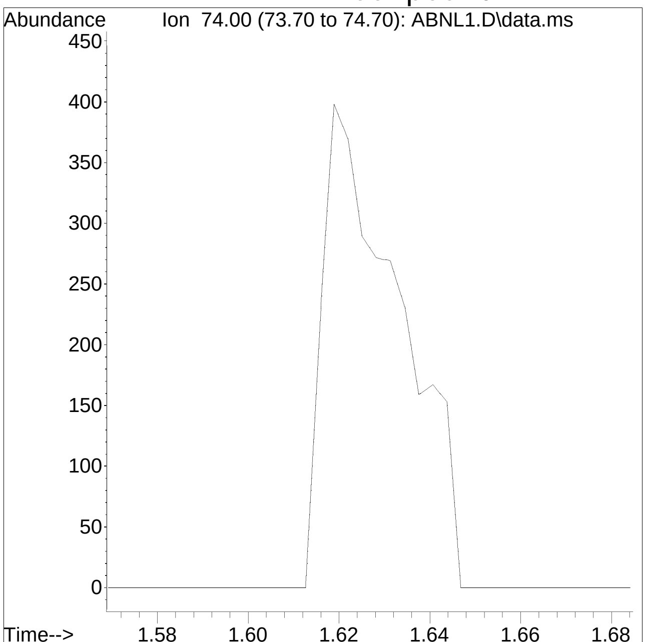


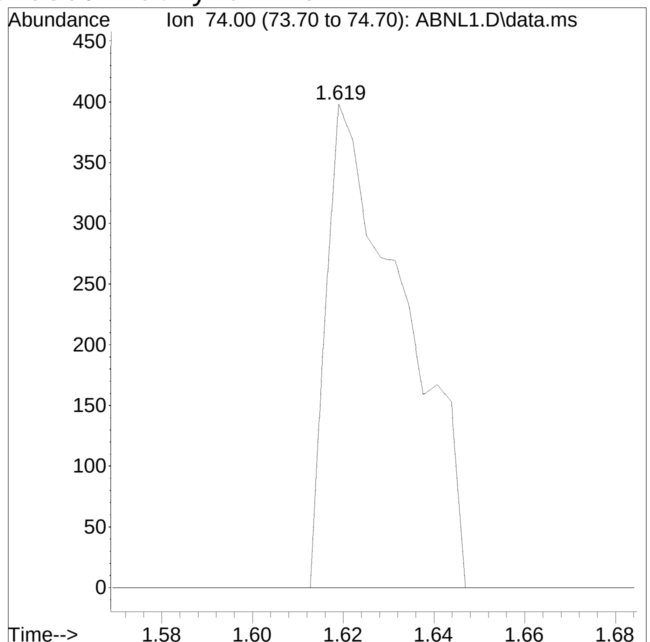
Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQ
Data File : ABNL1.D
Date Inj'd : 11/5/2024 8:06 pm
Sample : IL10,32,,ABNL0.1 Lot# 1115

Method : FS241105RVT_Dakota.m
Operator : Dakota:HNY
Instrument : Dakota
Quant Date : 11/6/2024 8:35 am

Compound #2: n-Nitrosodimethylamine





Original Peak Response = 0

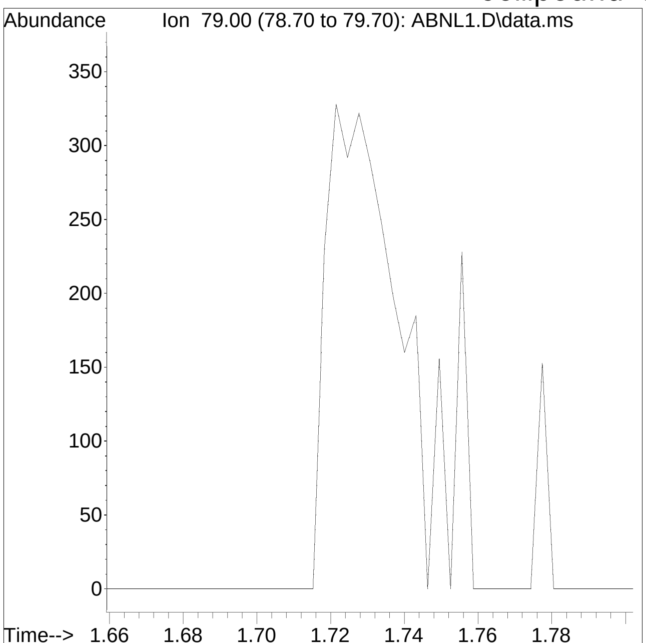
Manual Peak Response = 471 M2

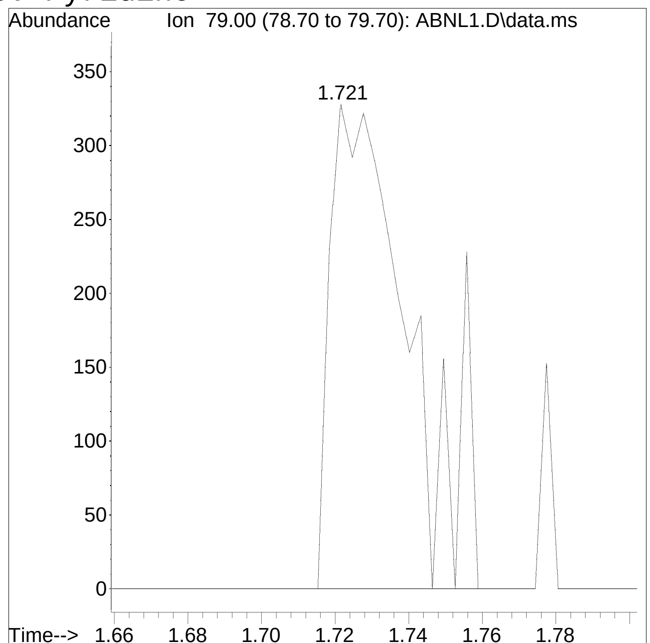
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL1.D                   Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  8:06 pm        Instrument  : Dakota
Sample      : IL10,32,,ABNL0.1 Lot# 1115Quant Date  : 11/6/2024  8:35 am
```

Compound #3: Pyridine





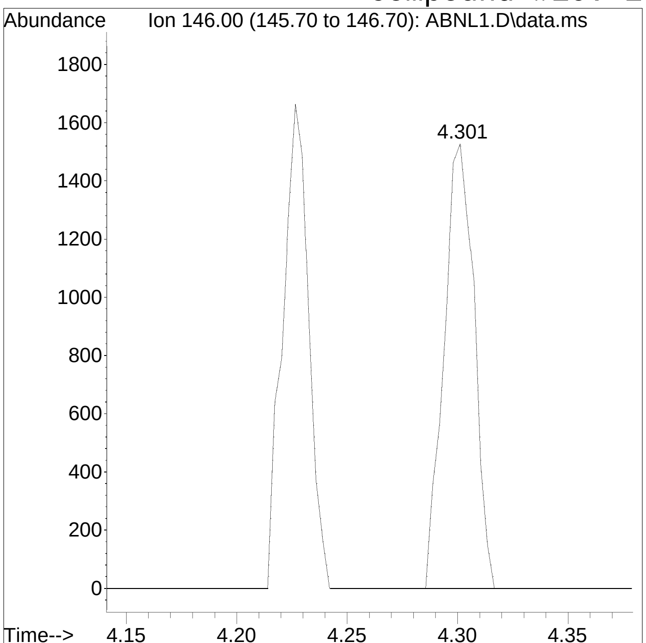
Original Peak Response = 0   Manual Peak Response = 491 M2

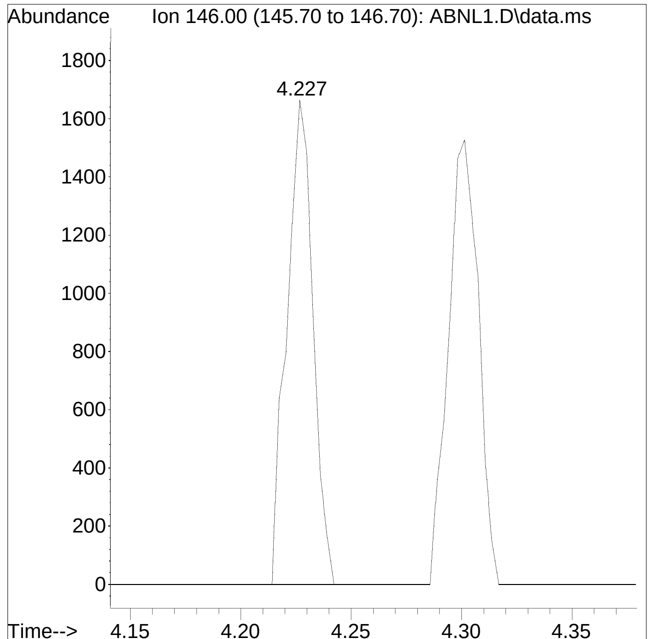
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNL1.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 8:06 pm Instrument : Dakota
Sample : IL10,32,,ABNL0.1 Lot# 1115Quant Date : 11/6/2024 8:35 am

Compound #10: 1,3-Dichlorobenzene



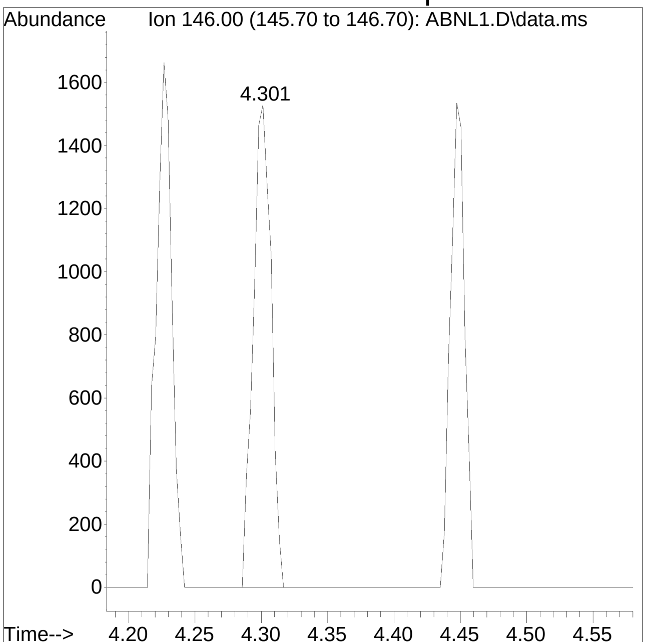


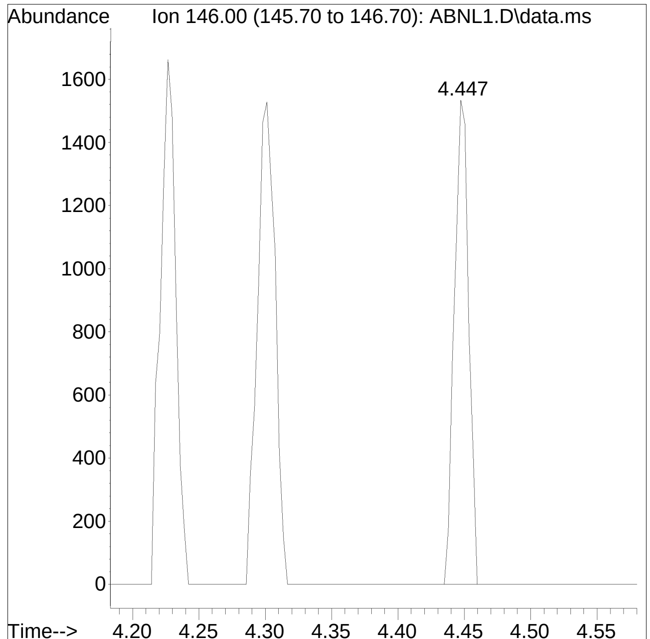
Original Peak Response = 1449 Manual Peak Response = 1361 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL1.D                   Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  8:06 pm        Instrument  : Dakota
Sample      : IL10,32,,ABNL0.1 Lot# 1115Quant Date  : 11/6/2024  8:35 am
```

Compound #12: 1,2-Dichlorobenzene





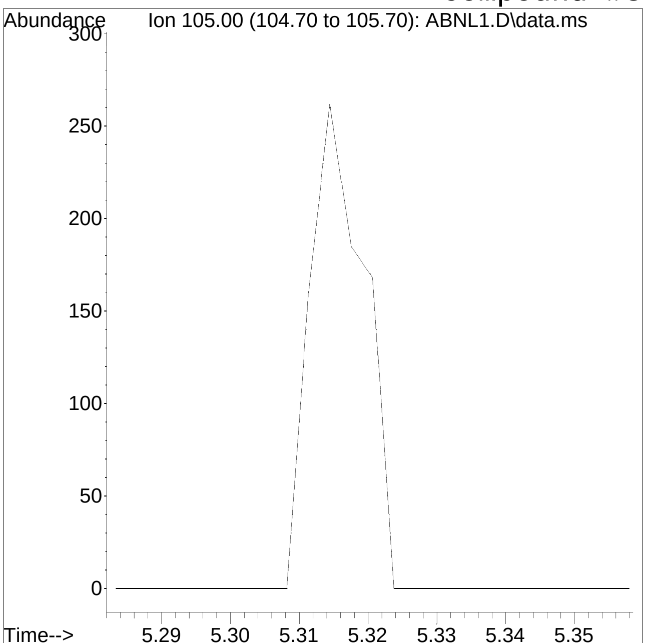
Original Peak Response = 1449   Manual Peak Response = 1160 M3

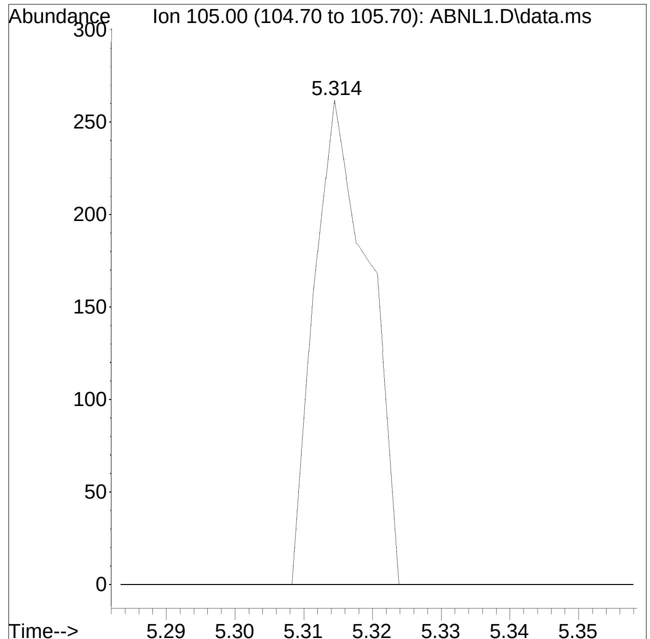
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\Dakota\241105RVTICQMethod      : FS241105RVT_Dakota.m
Data File    : ABNL1.D                  Operator     : Dakota:HNY
Date Inj'd   : 11/5/2024  8:06 pm       Instrument   : Dakota
Sample       : IL10,32,,ABNL0.1 Lot# 1115Quant Date   : 11/6/2024  8:35 am
```

Compound #39: Benzoic Acid





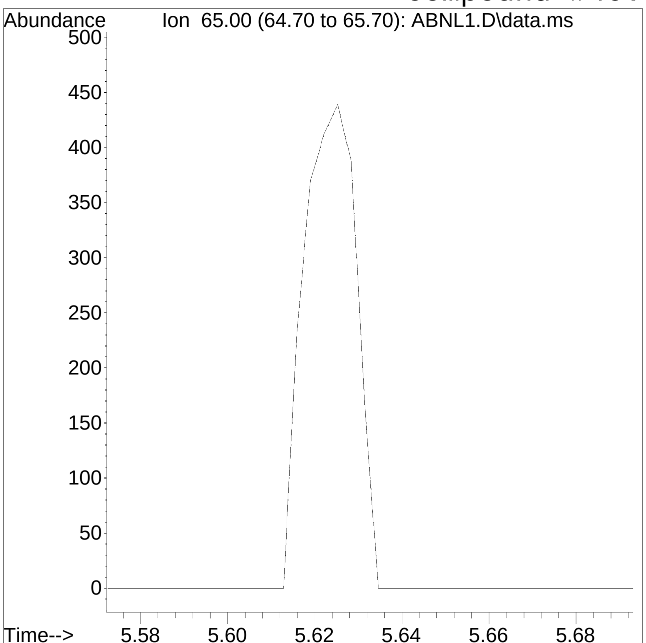
Original Peak Response = 0   Manual Peak Response = 144 M2

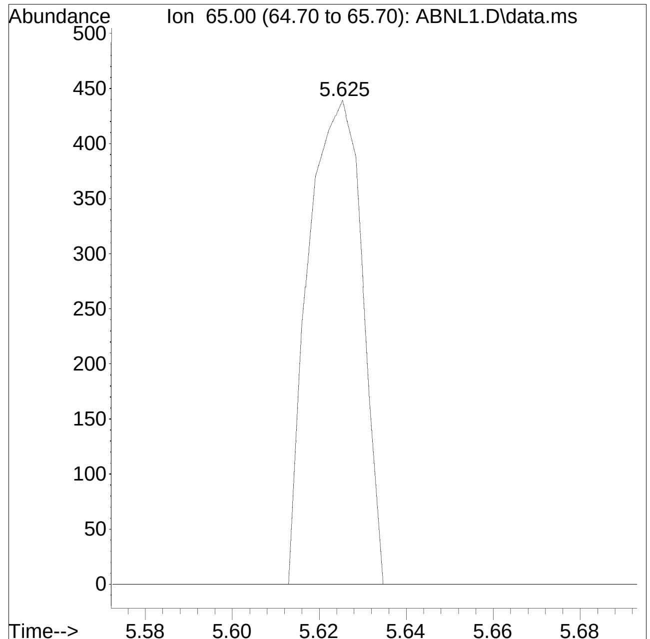
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path    : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File    : ABNL1.D                    Operator    : Dakota:HNY
Date Inj'd   : 11/5/2024  8:06 pm         Instrument  : Dakota
Sample       : IL10,32,,ABNL0.1 Lot# 1115Quant Date  : 11/6/2024  8:35 am
```

Compound #40: 4-Chloroaniline



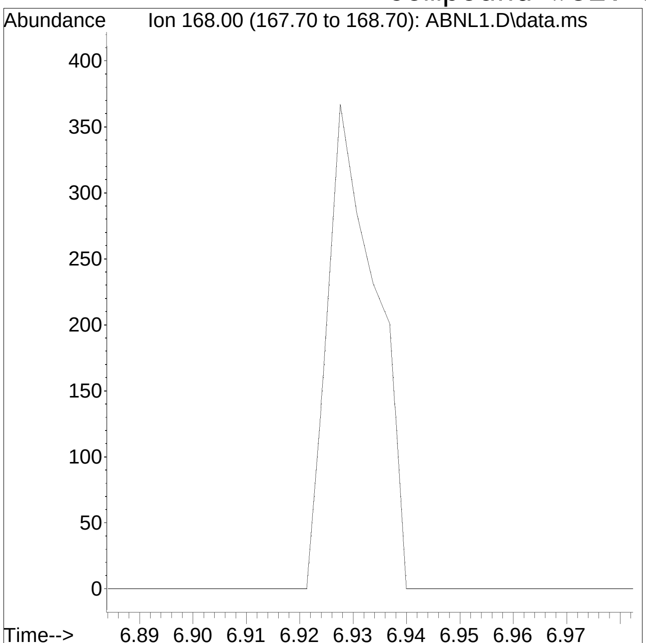


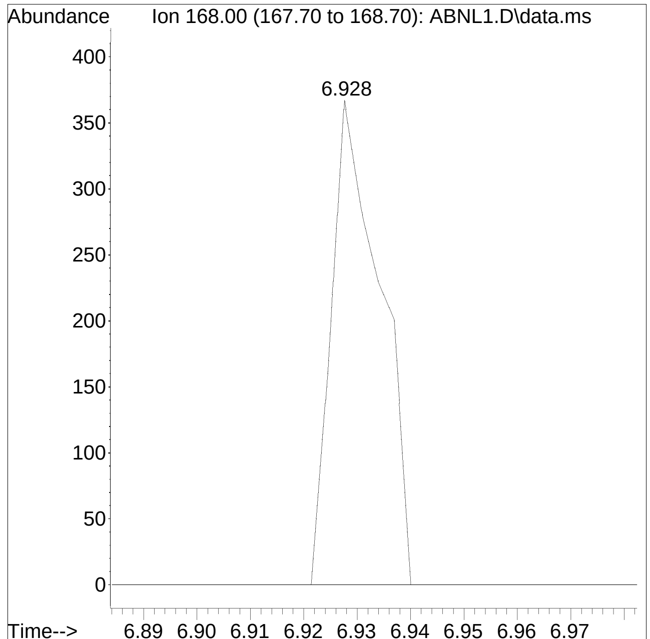
Original Peak Response = 0　　　　Manual Peak Response = 375 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL1.D                  Operator     : Dakota:HNY
Date Inj'd  : 11/5/2024  8:06 pm       Instrument   : Dakota
Sample      : IL10,32,,ABNL0.1 Lot# 1115Quant Date  : 11/6/2024  8:35 am
```

Compound #51: 1,4-Dinitrobenzene





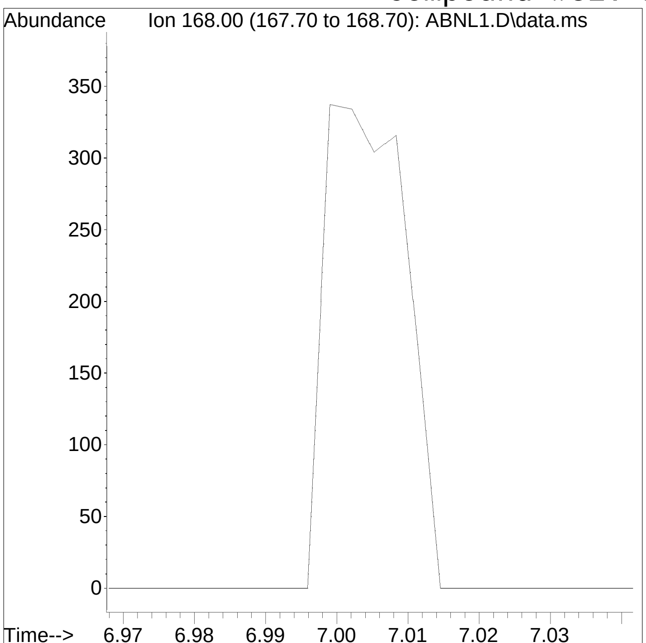
Original Peak Response = 0   Manual Peak Response = 232 M2

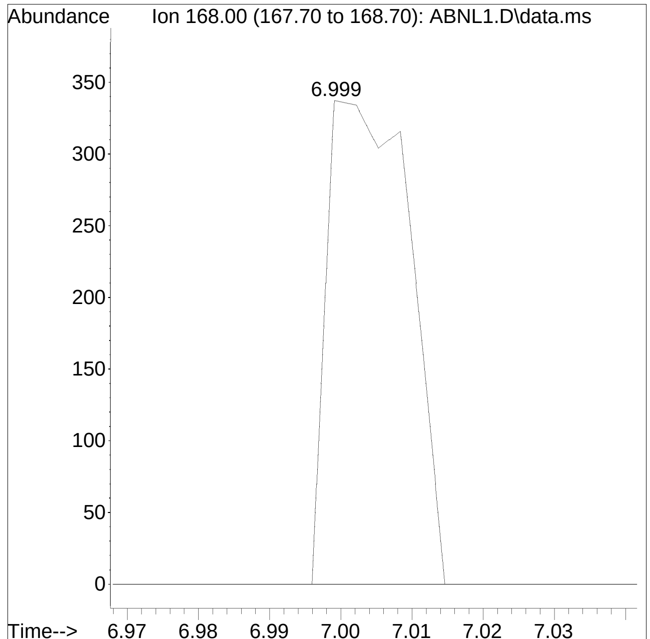
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL1.D                      Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  8:06 pm           Instrument  : Dakota
Sample      : IL10,32,,ABNL0.1 Lot# 1115Quant Date  : 11/6/2024  8:35 am
```

Compound #52: 1,3-Dinitrobenzene





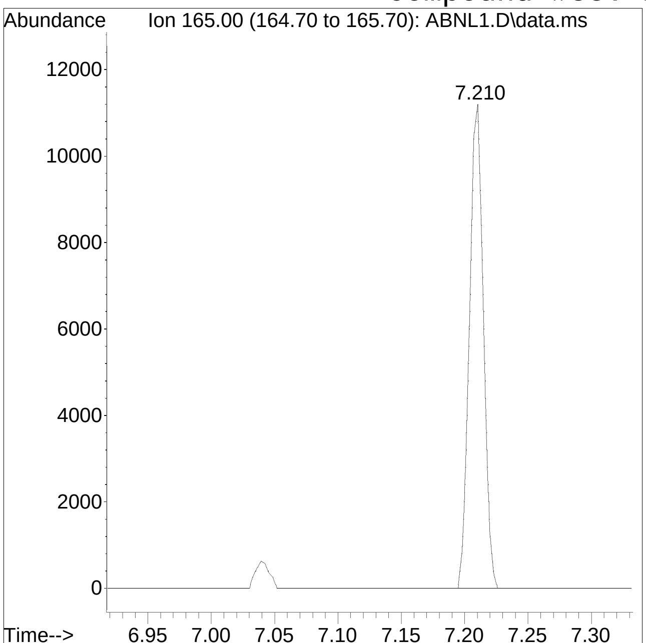
Original Peak Response = 0   Manual Peak Response = 271 M2

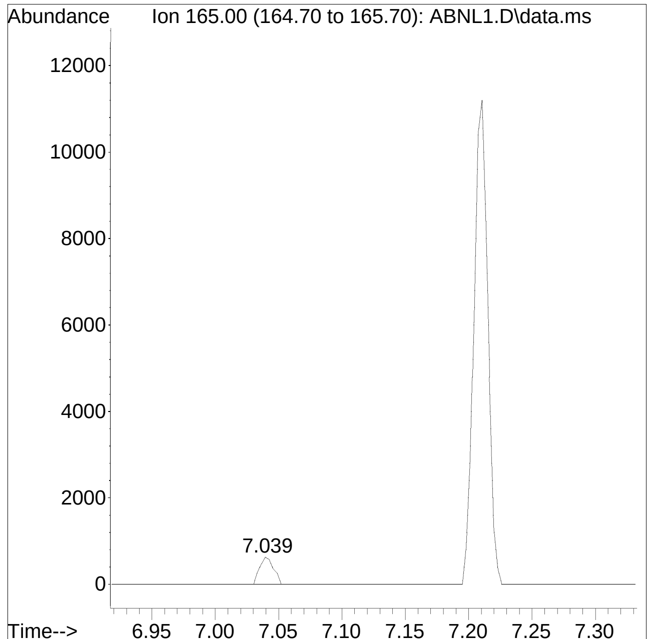
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL1.D                    Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  8:06 pm         Instrument  : Dakota
Sample      : IL10,32,,ABNL0.1 Lot# 1115Quant Date  : 11/6/2024  8:35 am
```

Compound #55: 2,6-Dinitrotoluene





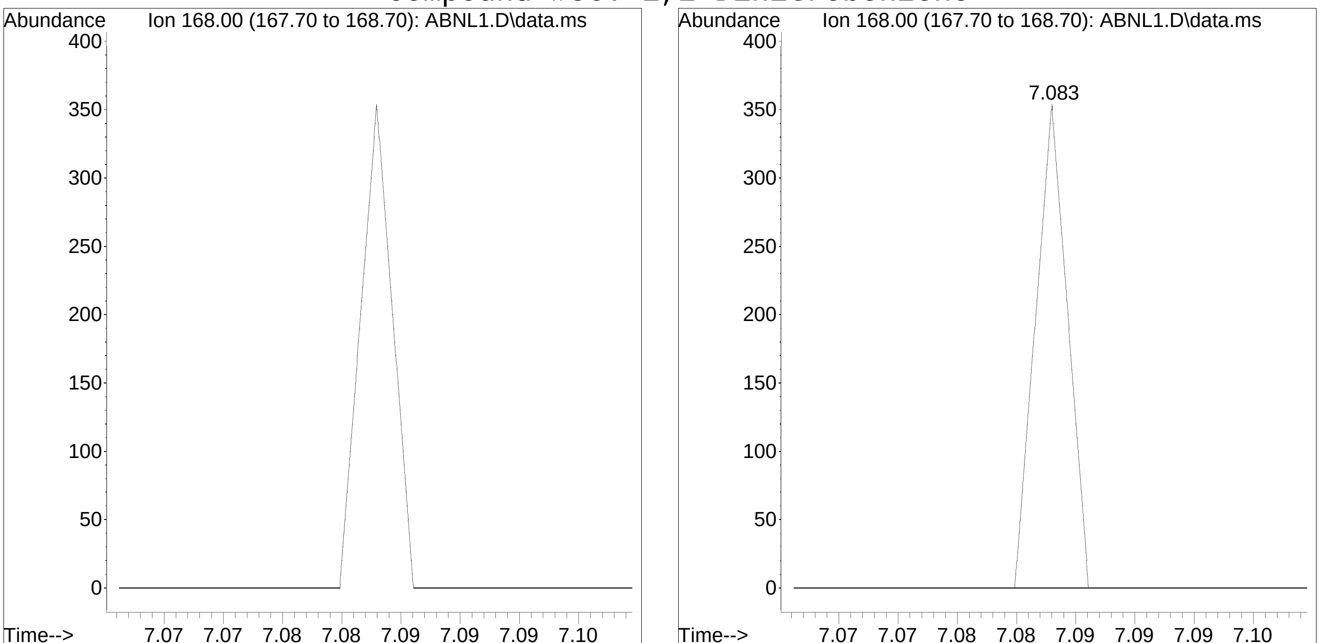
Original Peak Response = 8586   Manual Peak Response = 480 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL1.D                  Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  8:06 pm       Instrument  : Dakota
Sample      : IL10,32,,ABNL0.1 Lot# 1115Quant Date  : 11/6/2024  8:35 am
```

Compound #56: 1,2-Dinitrobenzene



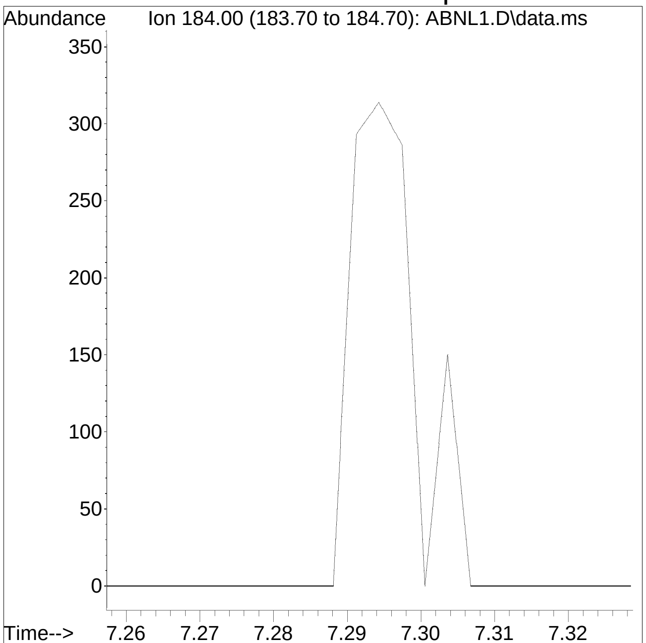
Original Peak Response = 0 Manual Peak Response = 66 M2

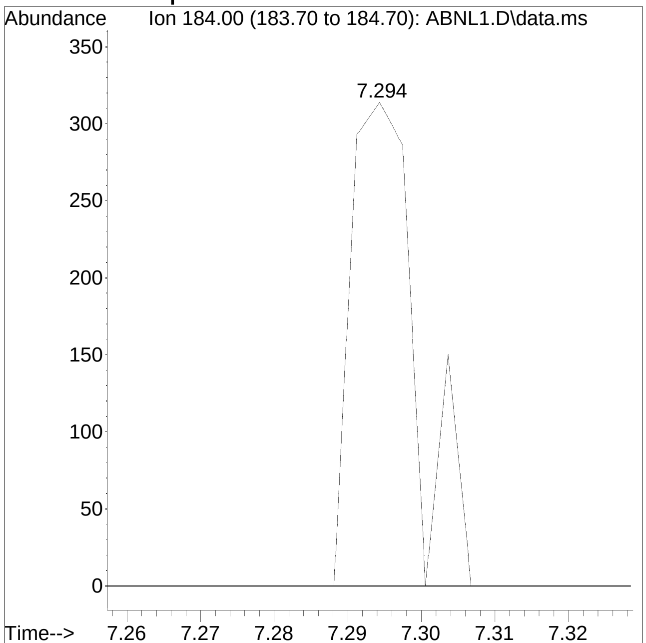
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNL1.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 8:06 pm Instrument : Dakota
Sample : IL10,32,,ABNL0.1 Lot# 1115Quant Date : 11/6/2024 8:35 am

Compound #68: 2,4-Dinitrophenol



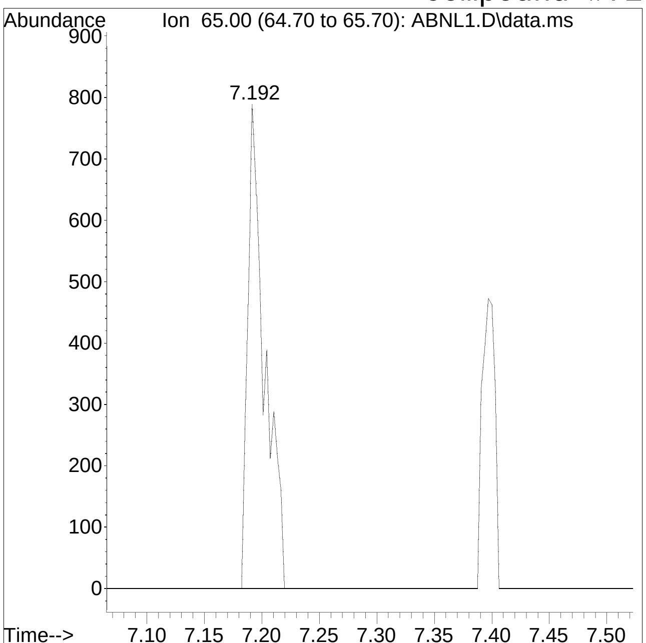


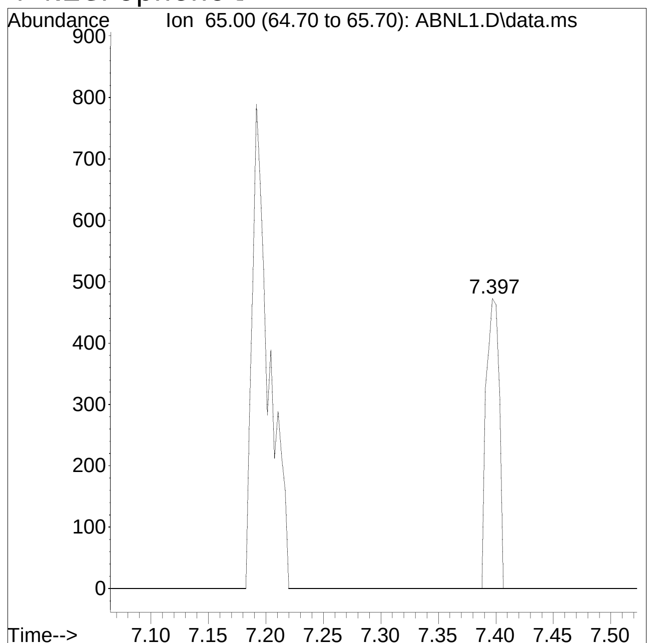
Original Peak Response = 0 Manual Peak Response = 194 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL1.D                       Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  8:06 pm            Instrument  : Dakota
Sample      : IL10,32,,ABNL0.1 Lot# 1115Quant Date  : 11/6/2024  8:35 am
```

Compound #71: 4-Nitrophenol





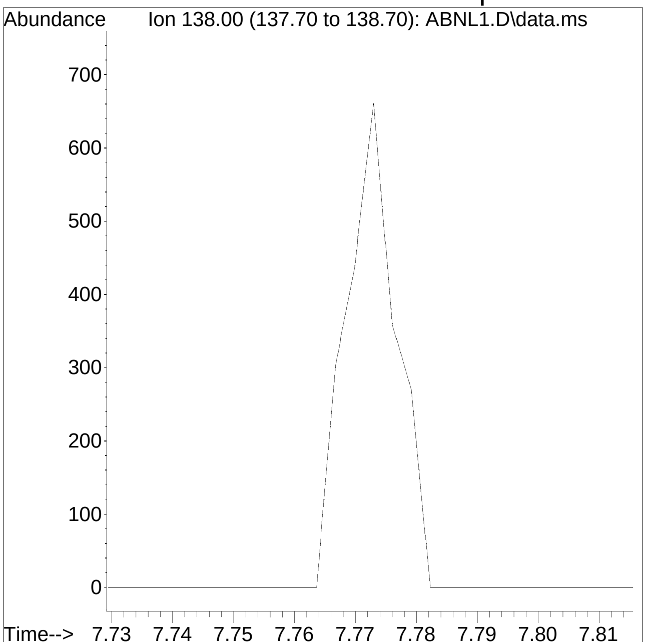
Original Peak Response = 804   Manual Peak Response = 368 M3

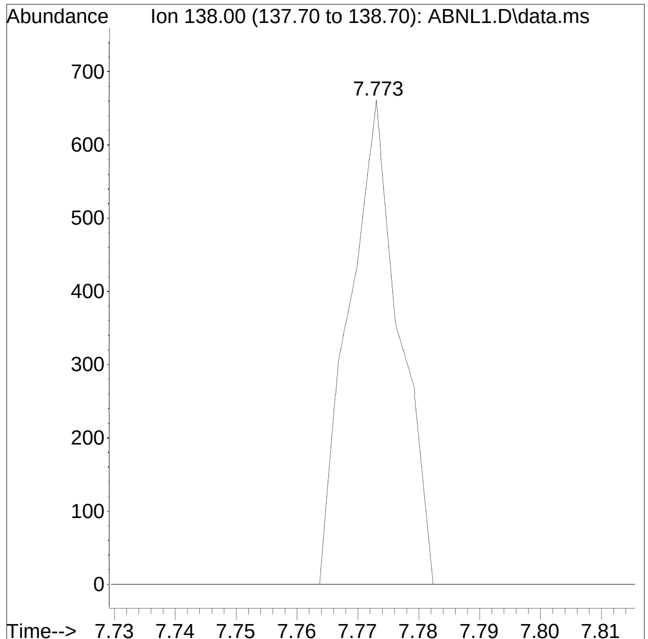
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNL1.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 8:06 pm Instrument : Dakota
Sample : IL10,32,,ABNL0.1 Lot# 1115Quant Date : 11/6/2024 8:35 am

Compound #77: 4-Nitroaniline



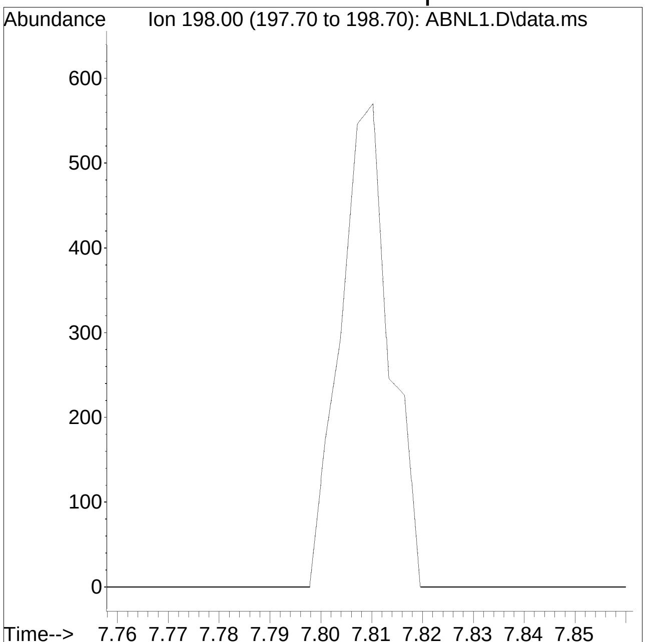


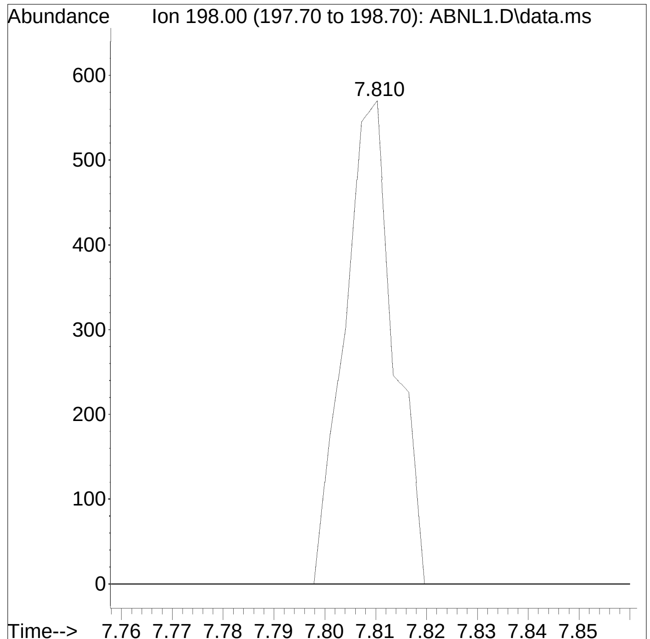
Original Peak Response = 0 Manual Peak Response = 378 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ABNL1.D                   Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  8:06 pm        Instrument  : Dakota
Sample      : IL10,32,,ABNL0.1 Lot# 1115Quant Date  : 11/6/2024  8:35 am
```

Compound #78: 4,6-Dinitro-o-cresol





Original Peak Response = 0   Manual Peak Response = 385 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L9.D
Acq On : 5 Nov 2024 8:29 pm
Operator : Dakota:HNY
Sample : IL2,32,,AP9L50 Lot# 11120
Misc : WG1994500
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 06 09:39:08 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.286	152	30987	4.000 ug/ml	0.00
Standard Area 1 = 28342			Recovery =	109.33%	
57) IS2_Naphthalene-d8	5.520	136	111920	4.000 ug/ml	# 0.00
Standard Area 1 = 98544			Recovery =	113.57%	
85) IS2_Acenaphthene-d10	7.210	164	71063	4.000 ug/ml	0.00
Standard Area 1 = 64361			Recovery =	110.41%	
100) IS2_Phenanthrene-d10	8.625	188	160716	4.000 ug/ml	0.00
Standard Area 1 = 142493			Recovery =	112.79%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	3.844	105	304408	47.565 ug/ml	97
29) Acetophenone	4.696	105	601234	50.020 ug/ml#	80
30) m-Toluidine	4.780	106	545570	50.658 ug/ml	95
31) 2-Chloroaniline	5.137	127	584754	51.772 ug/ml#	91
58) a-Terpineol	5.594	59	350560	49.690 ug/ml#	80
59) 3-Chloroaniline	5.607	65	174464	46.089 ug/ml	90
60) 2,6-Dichlorophenol	5.632	162	460446	49.506 ug/ml#	82
61) 1-chloro-2-nitrobenzene	5.880	111	185947	55.337 ug/ml#	1
62) Caprolactam	5.945	55	199011	47.711 ug/ml#	75
63) 1,2,4,5-Tetrachloroben...	6.390	216	599935	44.098 ug/ml	97
64) Biphenyl	6.682	154	1225314	44.550 ug/ml	96
86) Dichloran	8.339	206	192620	58.409 ug/ml#	59
87) Pentachloronitrobenzene	8.482	237	196056	47.568 ug/ml#	76
101) Diphenamid	9.545	167	952562	48.801 ug/ml#	75

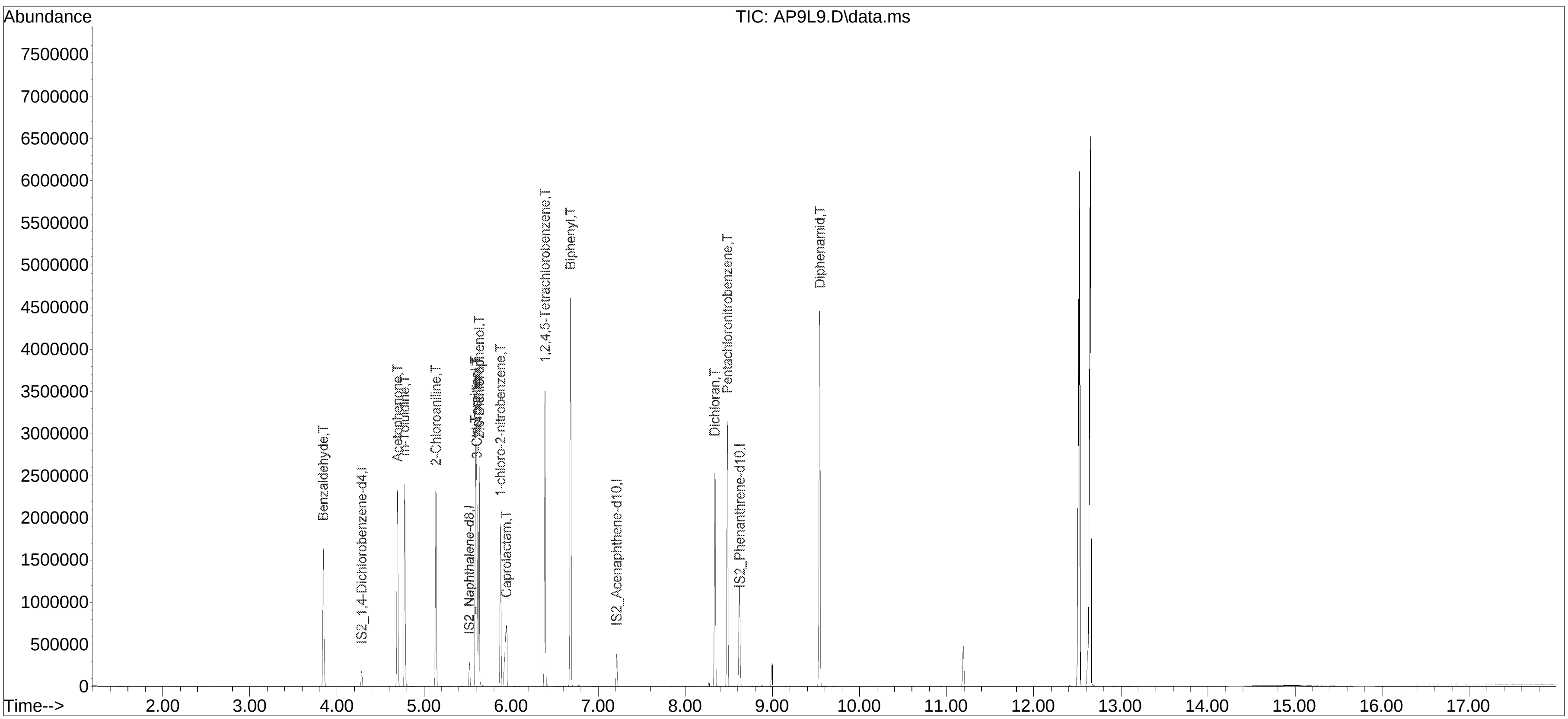
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L9.D
Acq On   : 5 Nov 2024   8:29 pm
Operator : Dakota:HNY
Sample   : IL2,32,,AP9L50 Lot# 11120
Misc   : WG1994500
ALS Vial : 10   Sample Multiplier: 1

Quant Time: Nov 06 09:39:08 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistVTICAL\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L9.D                      Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024  8:29 pm           Instrument  : Dakota
Sample      : IL2,32,,AP9L50 Lot# 11120 Quant Date  : 11/6/2024  8:39 am
```

There are no manual integrations or false positives in this file.

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L8.D
Acq On   : 5 Nov 2024   8:53 pm
Operator : Dakota:HNY
Sample   : IL3,32,,AP9L25 Lot# 11121
Misc   : WG1994500
ALS Vial : 11   Sample Multiplier: 1

Quant Time: Nov 06 09:38:22 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\AP9L6.D
Sub List   : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.282	152	29753	4.000 ug/ml	0.00
Standard Area 1 = 28342			Recovery =	104.98%	
57) IS2_Naphthalene-d8	5.519	136	106459	4.000 ug/ml	# 0.00
Standard Area 1 = 98544			Recovery =	108.03%	
85) IS2_Acenaphthene-d10	7.210	164	68191	4.000 ug/ml	0.00
Standard Area 1 = 64361			Recovery =	105.95%	
100) IS2_Phenanthrene-d10	8.624	188	151604	4.000 ug/ml	0.00
Standard Area 1 = 142493			Recovery =	106.39%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	3.844	105	151455	24.647 ug/ml	97
29) Acetophenone	4.693	105	299052	25.912 ug/ml#	79
30) m-Toluidine	4.777	106	270898	26.197 ug/ml	95
31) 2-Chloroaniline	5.134	127	289933	26.734 ug/ml#	91
58) a-Terpineol	5.591	59	173589	25.867 ug/ml#	81
59) 3-Chloroaniline	5.603	65	86165	23.930 ug/ml	94
60) 2,6-Dichlorophenol	5.628	162	225556	25.495 ug/ml#	82
61) 1-chloro-2-nitrobenzene	5.877	111	91193	28.531 ug/ml#	1
62) Caprolactam	5.933	55	97330	24.531 ug/ml#	73
63) 1,2,4,5-Tetrachloroben...	6.387	216	299740	23.163 ug/ml#	96
64) Biphenyl	6.679	154	610900	23.350 ug/ml	97
86) Dichloran	8.335	206	91383	28.878 ug/ml#	58
87) Pentachloronitrobenzene	8.482	237	93939	24.101 ug/ml#	75
101) Diphenamid	9.538	167	468543	25.447 ug/ml#	75

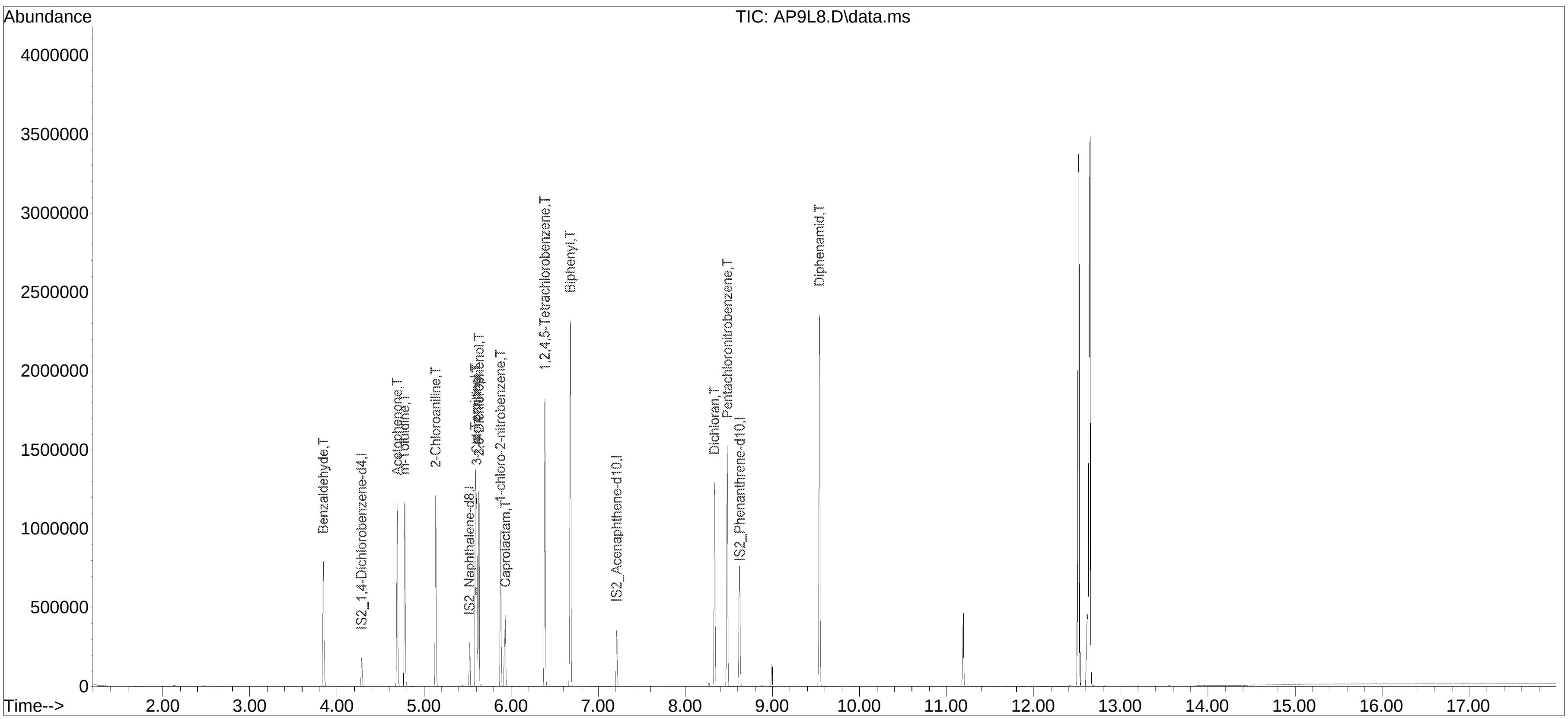
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L8.D
Acq On : 5 Nov 2024 8:53 pm
Operator : Dakota:HNY
Sample : IL3,32,,AP9L25 Lot# 11121
Misc : WG1994500
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 09:38:22 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistVTICAL\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod      : FS241105RVT_Dakota.m
Data File   : AP9L8.D                      Operator     : Dakota:HNY
Date Inj'd  : 11/5/2024  8:53 pm           Instrument   : Dakota
Sample      : IL3,32,,AP9L25 Lot# 11121 Quant Date   : 11/6/2024  8:39 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L7.D
Acq On : 5 Nov 2024 9:16 pm
Operator : Dakota:HNY
Sample : IL4,32,,AP9L10 Lot# 11122
Misc : WG1994500
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 09:37:55 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.283	152	28253	4.000 ug/ml	0.00
Standard Area 1 = 28342			Recovery =	99.69%	
57) IS2_Naphthalene-d8	5.520	136	102348	4.000 ug/ml	# 0.00
Standard Area 1 = 98544			Recovery =	103.86%	
85) IS2_Acenaphthene-d10	7.210	164	64900	4.000 ug/ml	0.00
Standard Area 1 = 64361			Recovery =	100.84%	
100) IS2_Phenanthrene-d10	8.622	188	142251	4.000 ug/ml	0.00
Standard Area 1 = 142493			Recovery =	99.83%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	3.844	105	54373	9.318 ug/ml	97
29) Acetophenone	4.693	105	107439	9.803 ug/ml#	80
30) m-Toluidine	4.777	106	98213	10.002 ug/ml	95
31) 2-Chloroaniline	5.134	127	103932	10.092 ug/ml#	90
58) a-Terpineol	5.588	59	61054	9.463 ug/ml#	79
59) 3-Chloroaniline	5.600	65	30940	8.938 ug/ml	89
60) 2,6-Dichlorophenol	5.625	162	81177	9.544 ug/ml#	81
61) 1-chloro-2-nitrobenzene	5.877	111	31835	10.360 ug/ml#	1
62) Caprolactam	5.921	55	33902	8.888 ug/ml#	74
63) 1,2,4,5-Tetrachloroben...	6.387	216	106694	8.576 ug/ml#	97
64) Biphenyl	6.679	154	222491	8.846 ug/ml	97
86) Dichloran	8.332	206	29962	9.948 ug/ml#	58
87) Pentachloronitrobenzene	8.479	237	30894	8.784 ug/ml#	75
101) Diphenamid	9.535	167	162112	9.383 ug/ml#	75

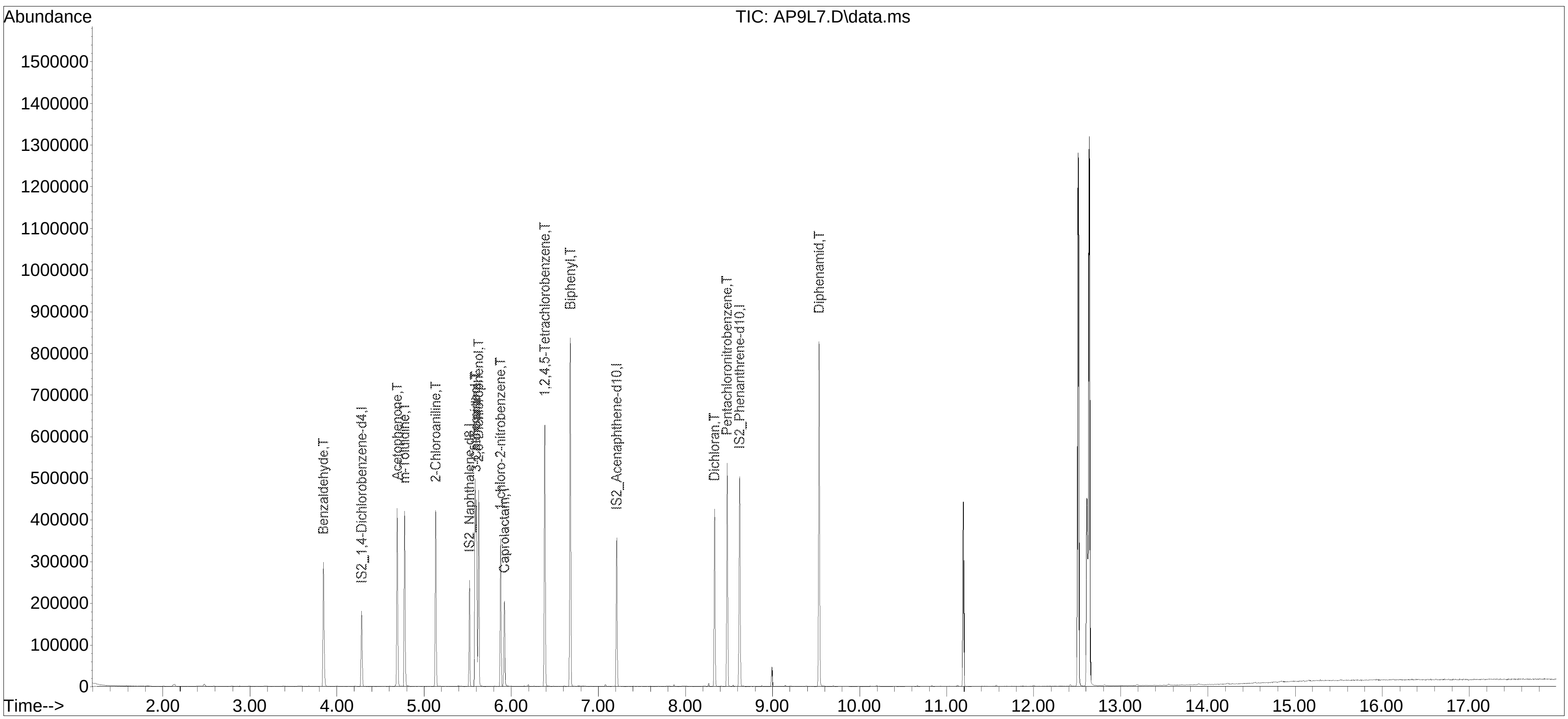
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L7.D
Acq On   : 5 Nov 2024   9:16 pm
Operator : Dakota:HNY
Sample   : IL4,32,,AP9L10 Lot# 11122
Misc   : WG1994500
ALS Vial : 12   Sample Multiplier: 1

Quant Time: Nov 06 09:37:55 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistVTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\Dakota\241105RVTICQ	Method	: FS241105RVT_Dakota.m
Data File	: AP9L7.D	Operator	: Dakota:HNY
Date Inj'd	: 11/5/2024 9:16 pm	Instrument	: Dakota
Sample	: IL4,32,,AP9L10 Lot# 11122	Quant Date	: 11/6/2024 8:38 am

There are no manual integrations or false positives in this file.

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L6.D
Acq On    :  5 Nov 2024   9:39 pm
Operator  : Dakota:HNY
Sample    : IL5,32,,AP9L5 Lot# 11123
Misc      : WG1994500
ALS Vial  : 13   Sample Multiplier: 1

Quant Time: Nov 06 09:37:30 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   4.282  152     28342     4.000 ug/ml    0.00
   Standard Area 1 = 28342                 Recovery   =  100.00%
57) IS2_Naphthalene-d8          5.519  136     98544     4.000 ug/ml  # 0.00
   Standard Area 1 = 98544                 Recovery   =  100.00%
85) IS2_Acenaphthene-d10        7.210  164     64361     4.000 ug/ml    0.00
   Standard Area 1 = 64361                 Recovery   =  100.00%
100) IS2_Phenanthrene-d10       8.621  188    142493     4.000 ug/ml    0.00
   Standard Area 1 = 142493                 Recovery   =  100.00%

 System Monitoring Compounds

 Target Compounds                                                  Qvalue
28) Benzaldehyde                3.847  105      26993      4.611 ug/ml     97
29) Acetophenone                4.696  105      51821      4.714 ug/ml#    79
30) m-Toluidine                 4.776  106      46870      4.758 ug/ml     94
31) 2-Chloroaniline             5.134  127      50567      4.895 ug/ml#    90
58) a-Terpineol                 5.588   59      28933      4.658 ug/ml#    77
59) 3-Chloroaniline             5.600   65      15441      4.633 ug/ml     94
60) 2,6-Dichlorophenol          5.625  162      39296      4.798 ug/ml#    82
61) 1-chloro-2-nitrobenzene     5.877  111      15544      5.254 ug/ml#     1
62) Caprolactam                 5.914   55      15648      4.261 ug/ml#    75
63) 1,2,4,5-Tetrachloroben...   6.386  216      53831      4.494 ug/ml#    95
64) Biphenyl                    6.679  154     110500      4.563 ug/ml     98
86) Dichloran                   8.332  206      13287      4.449 ug/ml#    60
87) Pentachloronitrobenzene     8.478  237      14522      4.530 ug/ml#    79
101) Diphenamid                 9.535  167      77258      4.464 ug/ml#    75
 --------------------------------------------------------------------------

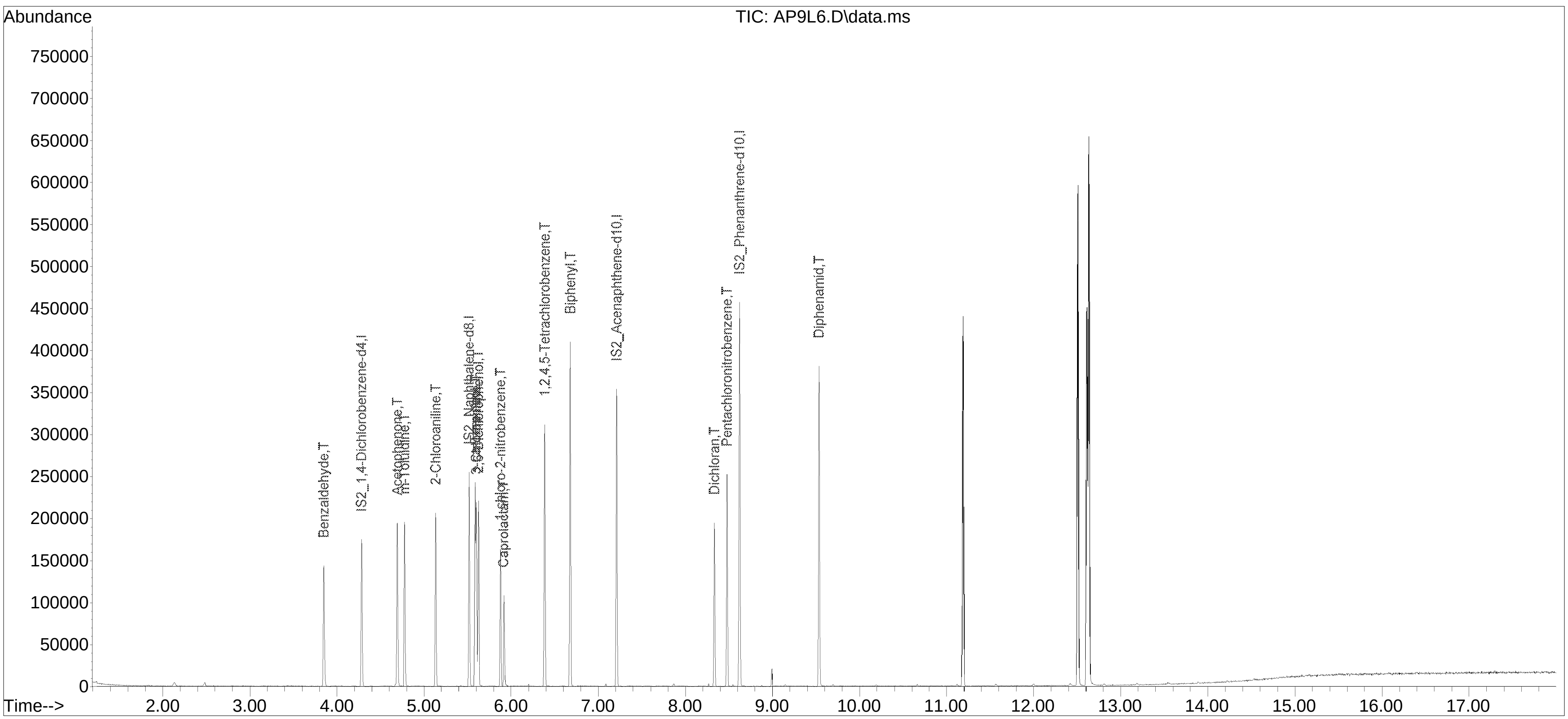
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L6.D
Acq On : 5 Nov 2024 9:39 pm
Operator : Dakota:HNY
Sample : IL5,32,,AP9L5 Lot# 11123
Misc : WG1994500
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 09:37:30 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistVTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\Dakota\241105RVTICQ	Method	: FS241105RVT_Dakota.m
Data File	: AP9L6.D	Operator	: Dakota:HNY
Date Inj'd	: 11/5/2024 9:39 pm	Instrument	: Dakota
Sample	: IL5,32,,AP9L5 Lot# 11123	Quant Date	: 11/6/2024 8:38 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L5.D
Acq On : 5 Nov 2024 10:03 pm
Operator : Dakota:HNY
Sample : IL6,32,,AP9L2.5 Lot# 11124
Misc : WG1994500
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 06 09:36:56 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.283	152	28127	4.000 ug/ml	0.00
Standard Area 1 = 28342			Recovery =	99.24%	
57) IS2_Naphthalene-d8	5.520	136	101422	4.000 ug/ml	0.00
Standard Area 1 = 98544			Recovery =	102.92%	
85) IS2_Acenaphthene-d10	7.210	164	65158	4.000 ug/ml	0.00
Standard Area 1 = 64361			Recovery =	101.24%	
100) IS2_Phenanthrene-d10	8.622	188	143298	4.000 ug/ml	0.00
Standard Area 1 = 142493			Recovery =	100.56%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	3.848	105	12268	2.112 ug/ml	99
29) Acetophenone	4.696	105	23923	2.193 ug/ml#	81
30) m-Toluidine	4.780	106	22093	2.260 ug/ml	93
31) 2-Chloroaniline	5.134	127	23952	2.336 ug/ml#	90
58) a-Terpineol	5.588	59	13333	2.085 ug/ml#	75
59) 3-Chloroaniline	5.600	65	6723	1.960 ug/ml	84
60) 2,6-Dichlorophenol	5.625	162	18101	2.148 ug/ml#	79
61) 1-chloro-2-nitrobenzene	5.877	111	7212	2.368 ug/ml#	1
62) Caprolactam	5.914	55	7181	1.900 ug/ml#	72
63) 1,2,4,5-Tetrachloroben...	6.387	216	25415	2.062 ug/ml#	96
64) Biphenyl	6.679	154	52147	2.092 ug/ml	97
86) Dichloran	8.332	206	5931	1.961 ug/ml#	62
87) Pentachloronitrobenzene	8.479	237	6694	2.442 ug/ml#	77
101) Diphenamid	9.535	167	34942	2.008 ug/ml#	74

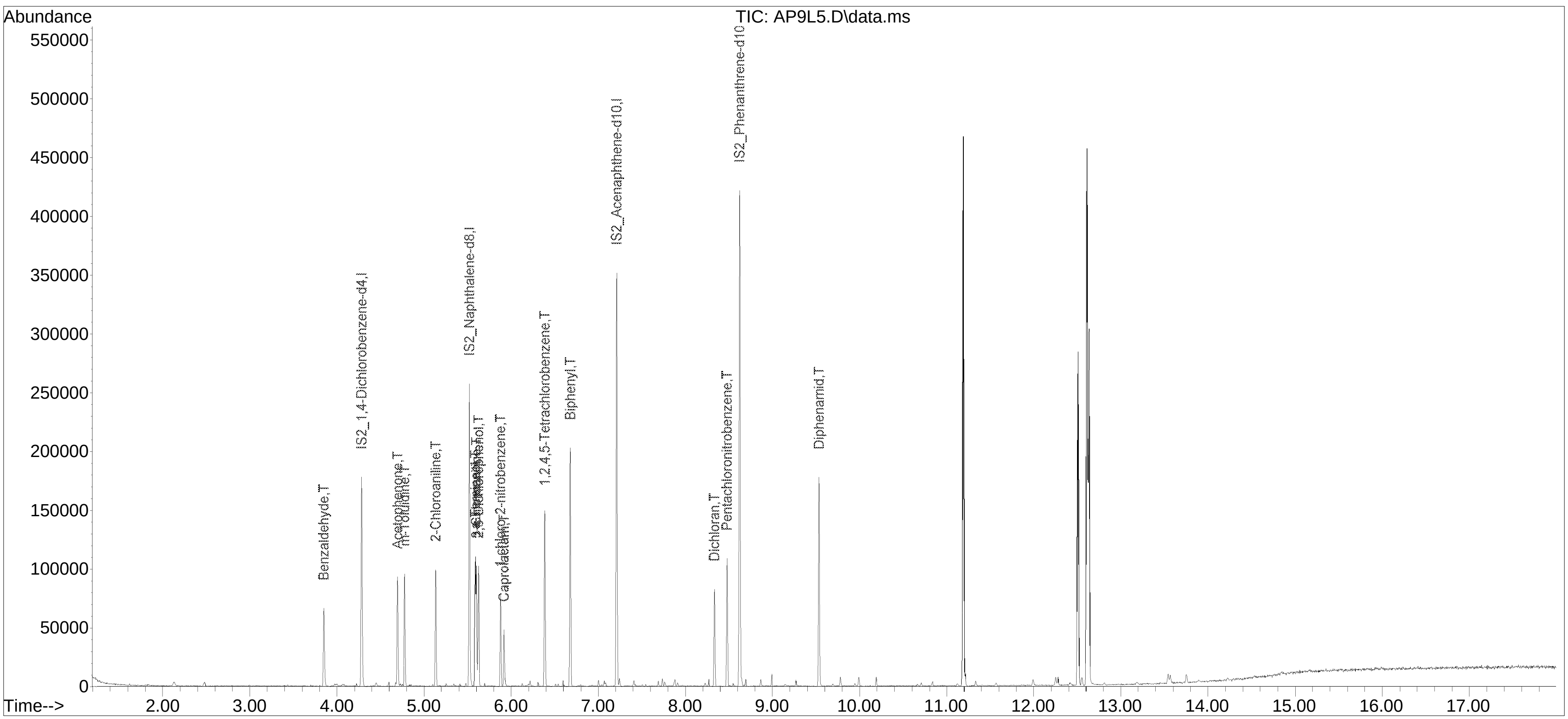
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L5.D
Acq On   : 5 Nov 2024 10:03 pm
Operator : Dakota:HNY
Sample   : IL6,32,,AP9L2.5 Lot# 11124
Misc   : WG1994500
ALS Vial : 14   Sample Multiplier: 1

Quant Time: Nov 06 09:36:56 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistVTICAL\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L5.D                    Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024 10:03 pm         Instrument  : Dakota
Sample      : IL6,32,,AP9L2.5 Lot# 11124Quant Date  : 11/6/2024  8:38 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L4.D
Acq On : 5 Nov 2024 10:26 pm
Operator : Dakota:HNY
Sample : IL7,32,,AP9L1 Lot# 11125
Misc : WG1994500
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 06 09:36:17 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.282	152	28739	4.000 ug/ml	0.00
Standard Area 1 = 28342			Recovery =	101.40%	
57) IS2_Naphthalene-d8	5.520	136	102925	4.000 ug/ml	# 0.00
Standard Area 1 = 98544			Recovery =	104.45%	
85) IS2_Acenaphthene-d10	7.210	164	64341	4.000 ug/ml	0.00
Standard Area 1 = 64361			Recovery =	99.97%	
100) IS2_Phenanthrene-d10	8.621	188	144463	4.000 ug/ml	0.00
Standard Area 1 = 142493			Recovery =	101.38%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	3.850	105	5052	0.851 ug/ml	94
29) Acetophenone	4.699	105	9554	0.857 ug/ml#	80
30) m-Toluidine	4.780	106	7848	0.786 ug/ml	96
31) 2-Chloroaniline	5.134	127	9085	0.867 ug/ml#	91
58) a-Terpineol	5.588	59	5487	0.846 ug/ml#	84
59) 3-Chloroaniline	5.603	65	2869	0.824 ug/ml	93
60) 2,6-Dichlorophenol	5.625	162	7133	0.834 ug/ml#	81
61) 1-chloro-2-nitrobenzene	5.880	111	2926	0.947 ug/ml#	1
62) Caprolactam	5.914	55	2946	0.768 ug/ml#	87
63) 1,2,4,5-Tetrachloroben...	6.387	216	10121	0.809 ug/ml	98
64) Biphenyl	6.679	154	20682	0.818 ug/ml	95
86) Dichloran	8.332	206	2292	0.768 ug/ml#	57
87) Pentachloronitrobenzene	8.475	237	2782	1.432 ug/ml#	70
101) Diphenamid	9.535	167	13612	0.776 ug/ml#	72

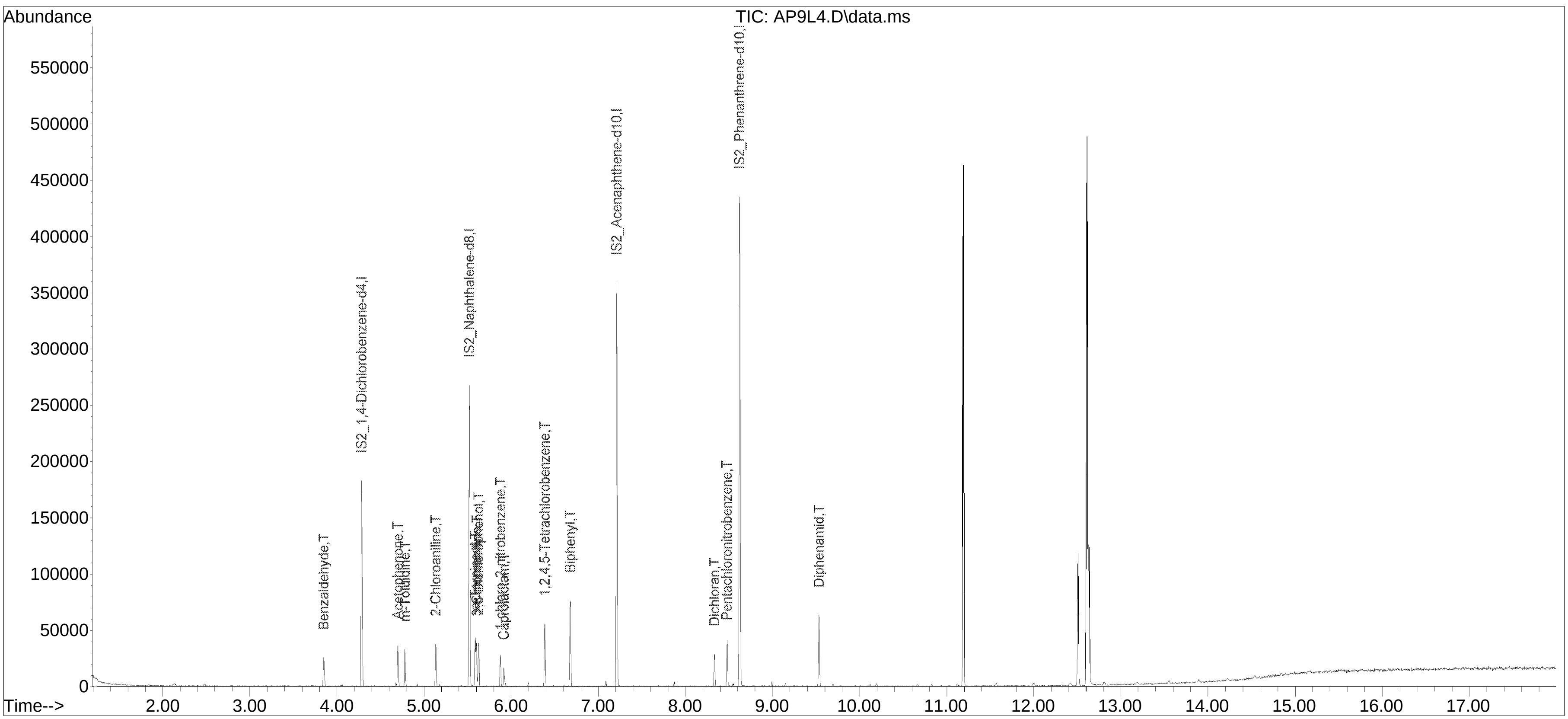
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L4.D
Acq On   : 5 Nov 2024 10:26 pm
Operator : Dakota:HNY
Sample   : IL7,32,,AP9L1 Lot# 11125
Misc   : WG1994500
ALS Vial : 15   Sample Multiplier: 1

Quant Time: Nov 06 09:36:17 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistVTICAL\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L4.D                   Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024 10:26 pm        Instrument  : Dakota
Sample      : IL7,32,,AP9L1 Lot# 11125  Quant Date  : 11/6/2024  8:38 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L3.D
Acq On : 5 Nov 2024 10:49 pm
Operator : Dakota:HNY
Sample : IL8,32,,AP9L0.5 Lot# 11126
Misc : WG1994500
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 06 09:35:55 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.282	152	27039	4.000 ug/ml	0.00
Standard Area 1 = 28342			Recovery =	95.40%	
57) IS2_Naphthalene-d8	5.519	136	97334	4.000 ug/ml	0.00
Standard Area 1 = 98544			Recovery =	98.77%	
85) IS2_Acenaphthene-d10	7.210	164	61265	4.000 ug/ml	0.00
Standard Area 1 = 64361			Recovery =	95.19%	
100) IS2_Phenanthrene-d10	8.621	188	138508	4.000 ug/ml	0.00
Standard Area 1 = 142493			Recovery =	97.20%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	3.850	105	2360	0.423 ug/ml	98
29) Acetophenone	4.696	105	4756	0.453 ug/ml#	77
30) m-Toluidine	4.780	106	3649	0.388 ug/ml#	86
31) 2-Chloroaniline	5.134	127	4626	0.469 ug/ml#	88
58) a-Terpineol	5.588	59	2579	0.420 ug/ml#	74
59) 3-Chloroaniline	5.600	65	1366	0.415 ug/ml	93
60) 2,6-Dichlorophenol	5.625	162	3612	0.447 ug/ml#	77
61) 1-chloro-2-nitrobenzene	5.877	111	1392	0.476 ug/ml#	1
62) Caprolactam	5.917	55	1361	0.375 ug/ml#	82
63) 1,2,4,5-Tetrachloroben...	6.387	216	5052	0.427 ug/ml#	94
64) Biphenyl	6.679	154	10707	0.448 ug/ml	96
86) Dichloran	8.332	206	1010	0.355 ug/ml#	61
87) Pentachloronitrobenzene	8.478	237	1199	1.030 ug/ml#	76
101) Diphenamid	9.535	167	6787	0.403 ug/ml#	75

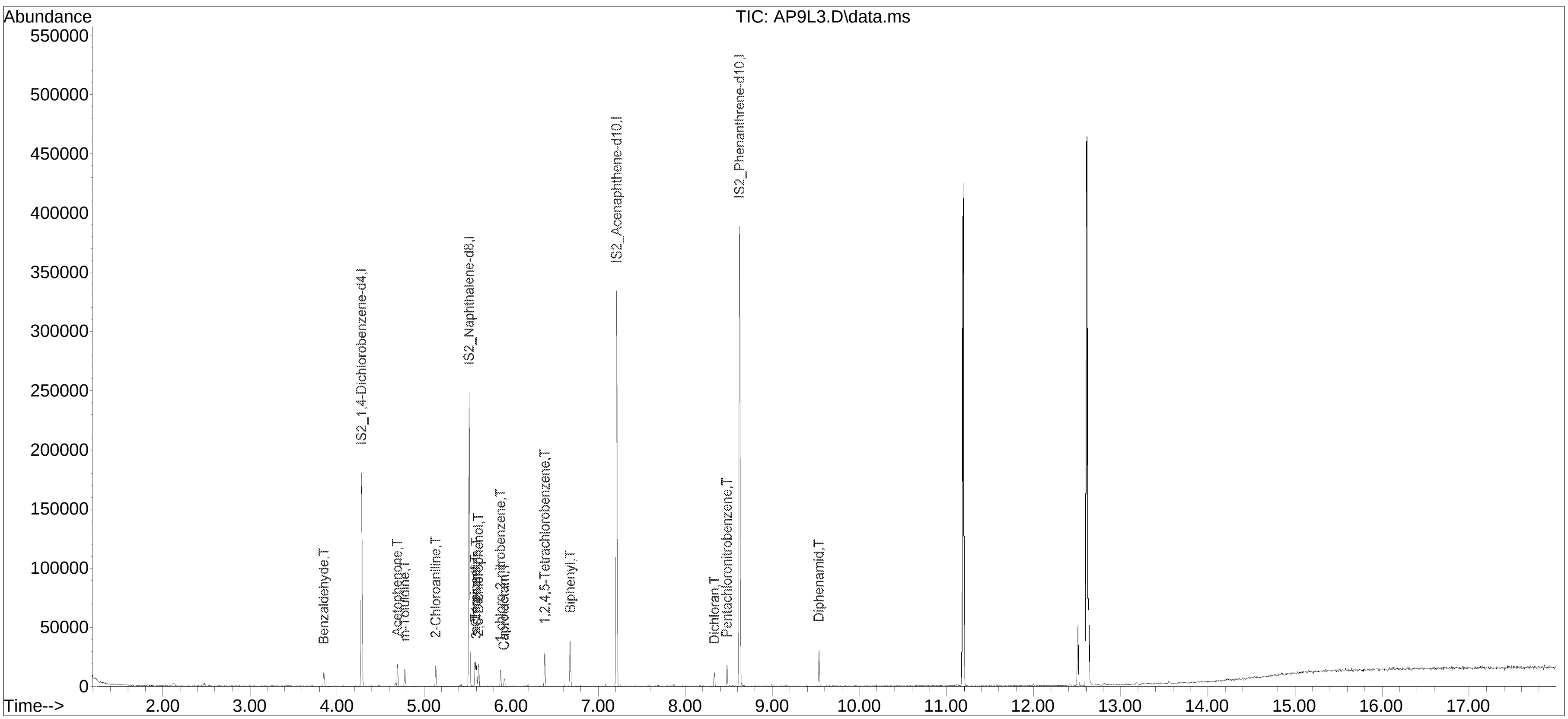
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L3.D
Acq On   : 5 Nov 2024 10:49 pm
Operator : Dakota:HNY
Sample   : IL8,32,,AP9L0.5 Lot# 11126
Misc   : WG1994500
ALS Vial : 16   Sample Multiplier: 1

Quant Time: Nov 06 09:35:55 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistVTICAL\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L3.D                      Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024 10:49 pm           Instrument  : Dakota
Sample      : IL8,32,,AP9L0.5 Lot# 11126Quant Date  : 11/6/2024  8:37 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L2.D
Acq On : 5 Nov 2024 11:13 pm
Operator : Dakota:HNY
Sample : IL9,32,,AP9L0.2 Lot# 11127
Misc : WG1994500
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 06 09:35:06 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.282	152	27477	4.000	ug/ml	0.00
Standard Area 1 = 28342			Recovery =	96.95%		
57) IS2_Naphthalene-d8	5.519	136	98352	4.000	ug/ml #	0.00
Standard Area 1 = 98544			Recovery =	99.81%		
85) IS2_Acenaphthene-d10	7.210	164	62816	4.000	ug/ml	0.00
Standard Area 1 = 64361			Recovery =	97.60%		
100) IS2_Phenanthrene-d10	8.621	188	141690	4.000	ug/ml	0.00
Standard Area 1 = 142493			Recovery =	99.44%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.854	105	776	0.137	ug/ml	90
29) Acetophenone	4.699	105	1761	0.165	ug/ml#	39
30) m-Toluidine	4.783	106	852	0.089	ug/ml#	88
31) 2-Chloroaniline	5.134	127	1745	0.174	ug/ml#	42
58) a-Terpineol	5.591	59	1032	0.166	ug/ml#	83
59) 3-Chloroaniline	5.600	65	425M2	0.128	ug/ml	
60) 2,6-Dichlorophenol	5.628	162	1208	0.148	ug/ml#	82
61) 1-chloro-2-nitrobenzene	5.877	111	446M2	0.151	ug/ml	
62) Caprolactam	5.930	55	508M2	0.139	ug/ml	
63) 1,2,4,5-Tetrachloroben...	6.383	216	2062	0.172	ug/ml#	81
64) Biphenyl	6.679	154	3880	0.161	ug/ml	93
86) Dichloran	8.332	206	473M2	0.162	ug/ml	
87) Pentachloronitrobenzene	8.478	237	438M2	0.816	ug/ml	
101) Diphenamid	9.535	167	2689	0.156	ug/ml#	71

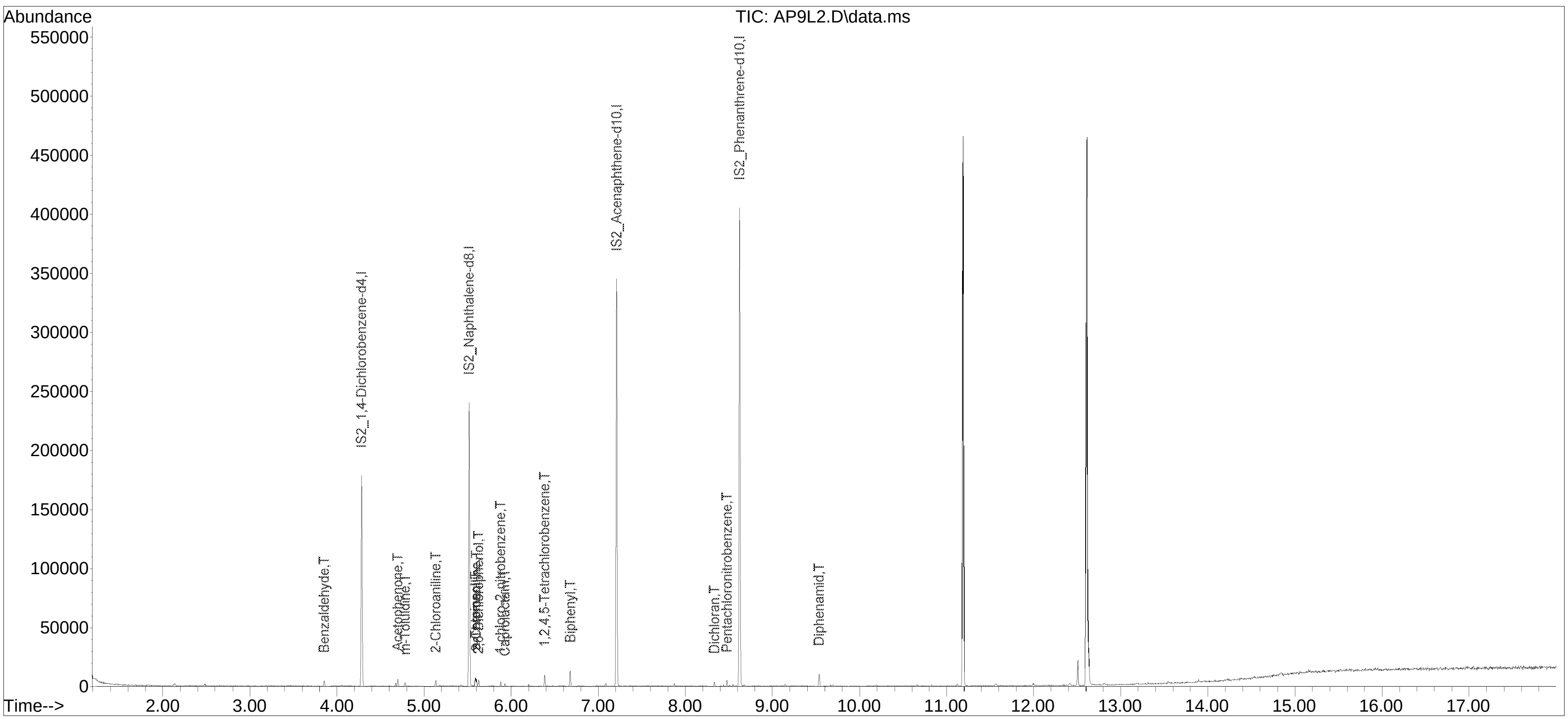
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L2.D
Acq On   : 5 Nov 2024 11:13 pm
Operator : Dakota:HNY
Sample   : IL9,32,,AP9L0.2 Lot# 11127
Misc   : WG1994500
ALS Vial : 17   Sample Multiplier: 1

Quant Time: Nov 06 09:35:06 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

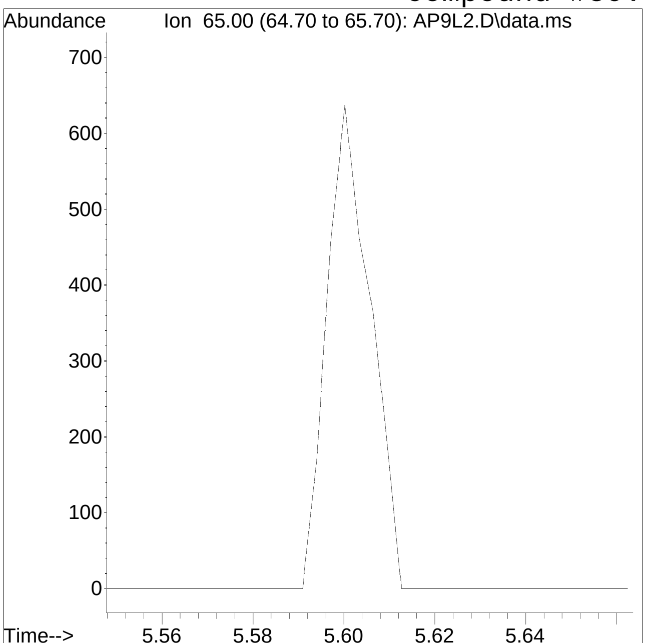
Sub List   : AP9ical - AP9 ical sublistVTICAL\AP9L6.D•

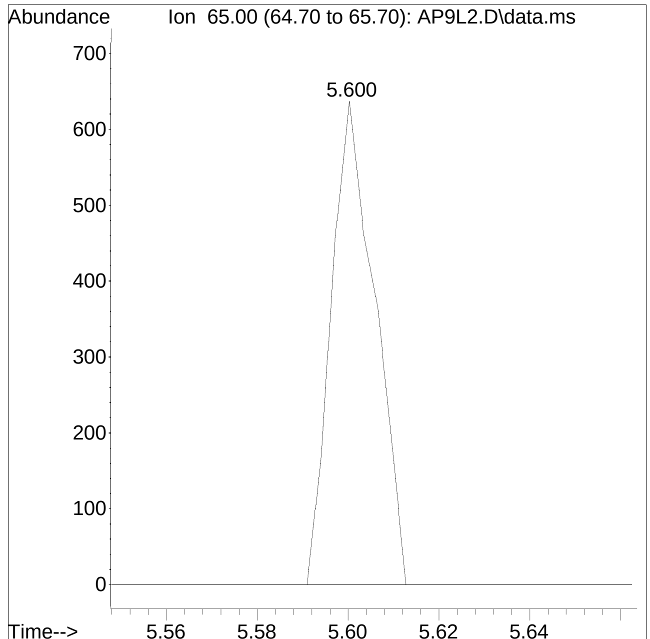


Manual Integration Report

```
Data Path    : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File    : AP9L2.D                 Operator     : Dakota:HNY
Date Inj'd   : 11/5/2024 11:13 pm      Instrument   : Dakota
Sample       : IL9,32,,AP9L0.2 Lot# 11127Quant Date : 11/6/2024  8:37 am
```

Compound #59: 3-Chloroaniline





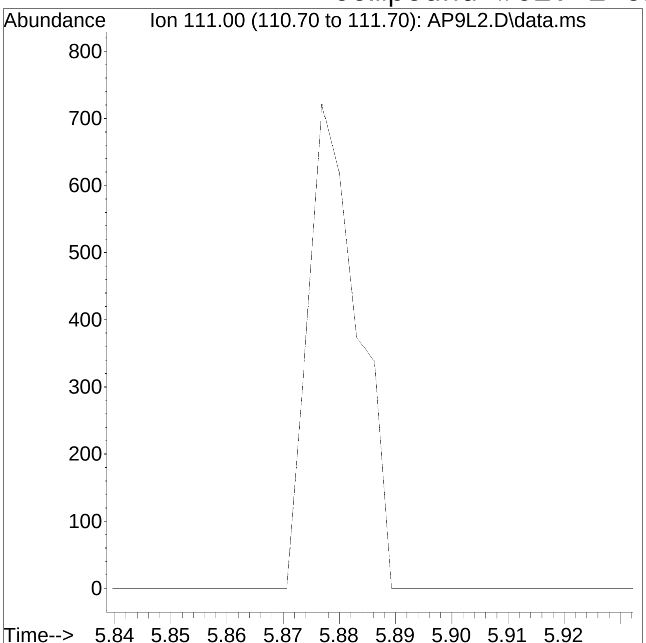
Original Peak Response = 0   Manual Peak Response = 425 M2

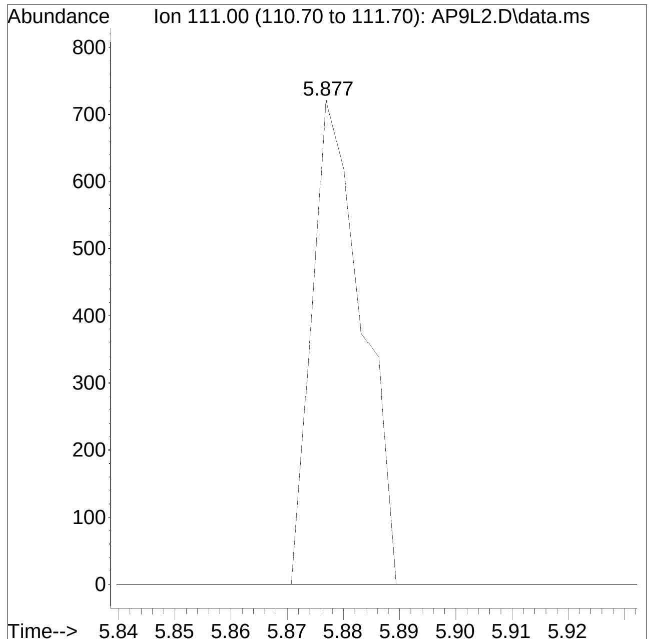
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L2.D                       Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024 11:13 pm            Instrument  : Dakota
Sample      : IL9,32,,AP9L0.2 Lot# 11127Quant Date  : 11/6/2024  8:37 am
```

Compound #61: 1-chloro-2-nitrobenzene





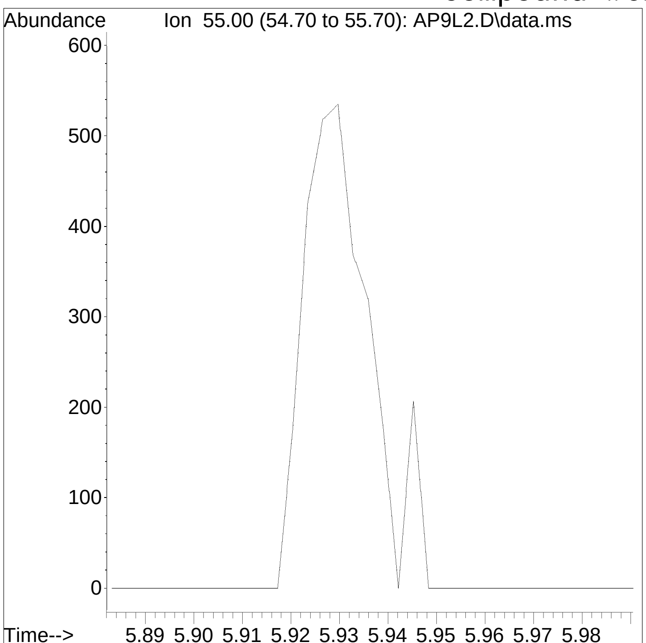
Original Peak Response = 0 Manual Peak Response = 446 M2

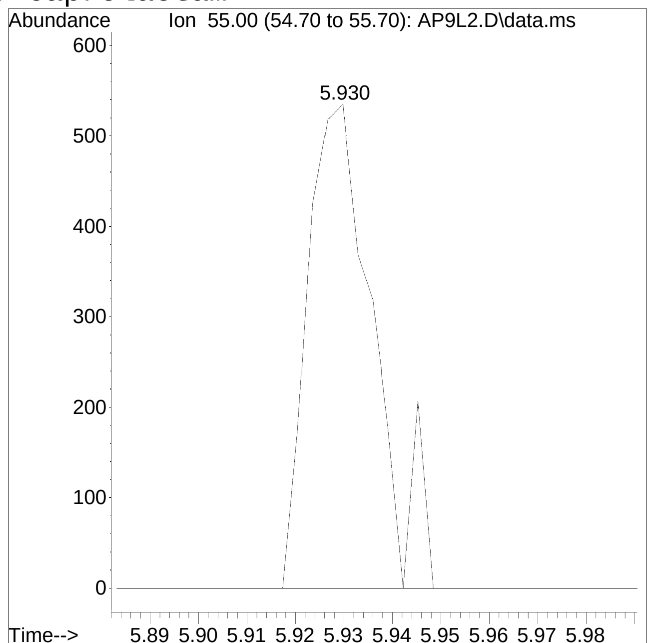
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L2.D                    Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024 11:13 pm         Instrument  : Dakota
Sample      : IL9,32,,AP9L0.2 Lot# 11127Quant Date  : 11/6/2024  8:37 am
```

Compound #62: Caprolactam





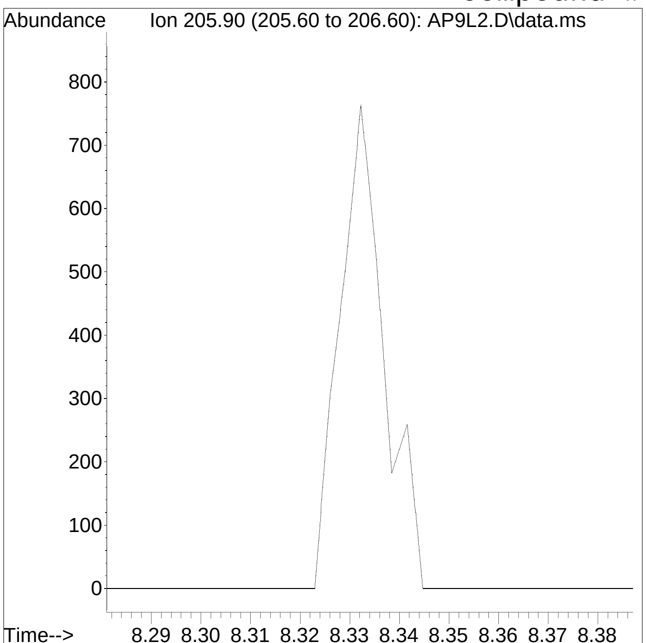
Original Peak Response = 0   Manual Peak Response = 508 M2

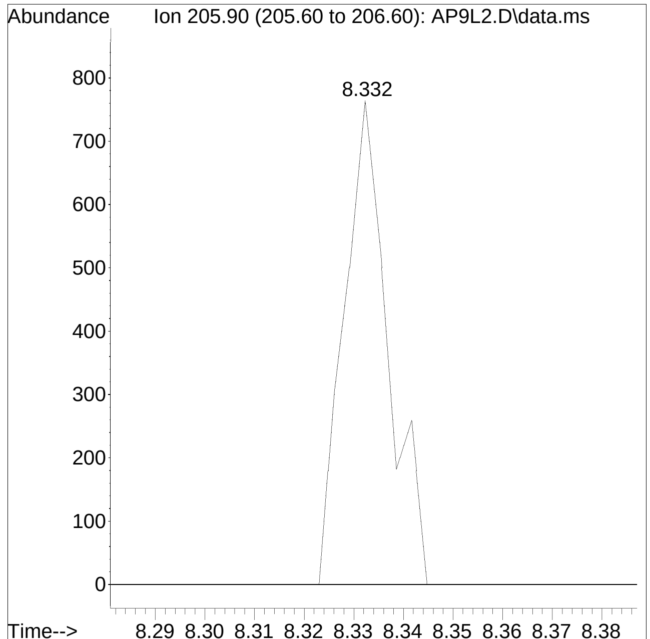
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : AP9L2.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 11:13 pm Instrument : Dakota
Sample : IL9,32,,AP9L0.2 Lot# 11127Quant Date : 11/6/2024 8:37 am

Compound #86: Dichloran



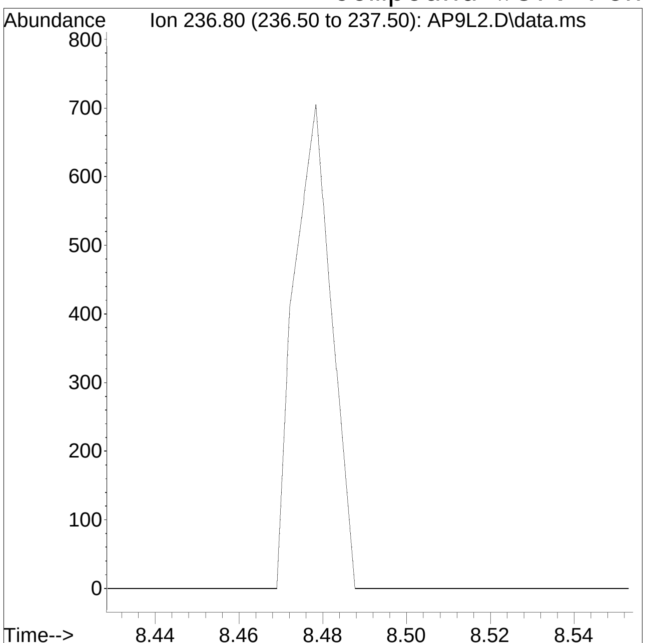


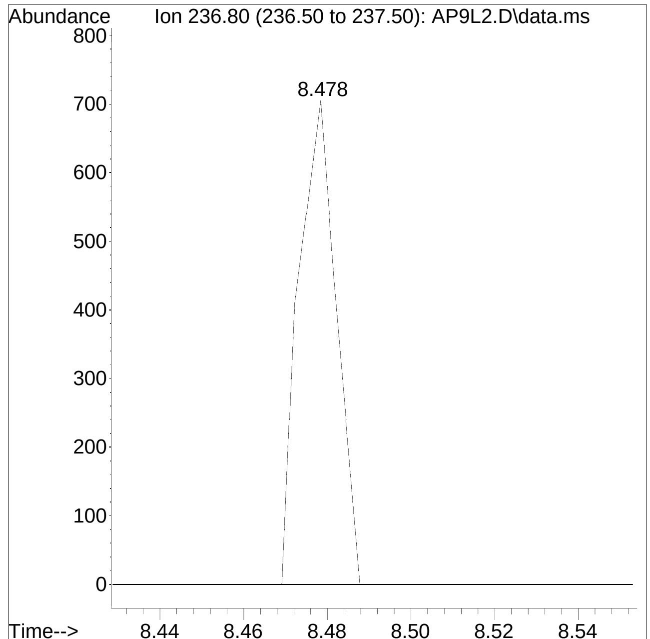
Original Peak Response = 0 Manual Peak Response = 473 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : AP9L2.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 11:13 pm Instrument : Dakota
Sample : IL9,32,,AP9L0.2 Lot# 11127Quant Date : 11/6/2024 8:37 am

Compound #87: Pentachloronitrobenzene





Original Peak Response = 0 Manual Peak Response = 438 M2
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L1.D
Acq On : 5 Nov 2024 11:36 pm
Operator : Dakota:HNY
Sample : IL10,32,,AP9L0.1 Lot# 11128
Misc : WG1994500
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 06 09:34:15 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.286	152	28042	4.000 ug/ml	0.00
Standard Area 1 = 28342			Recovery =	98.94%	
57) IS2_Naphthalene-d8	5.519	136	99051	4.000 ug/ml	# 0.00
Standard Area 1 = 98544			Recovery =	100.51%	
85) IS2_Acenaphthene-d10	7.210	164	62731	4.000 ug/ml	0.00
Standard Area 1 = 64361			Recovery =	97.47%	
100) IS2_Phenanthrene-d10	8.621	188	139376	4.000 ug/ml	0.00
Standard Area 1 = 142493			Recovery =	97.81%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	3.850	105	375M2	0.065 ug/ml	
29) Acetophenone	4.702	105	776M6	0.071 ug/ml	
30) m-Toluidine	0.000		0	N.D.	
31) 2-Chloroaniline	5.134	127	756	0.074 ug/ml#	42
58) a-Terpineol	5.588	59	402M2	0.064 ug/ml	
59) 3-Chloroaniline	5.603	65	70M2	0.021 ug/ml	
60) 2,6-Dichlorophenol	5.628	162	620	0.075 ug/ml#	15
61) 1-chloro-2-nitrobenzene	5.880	111	168M2	0.056 ug/ml	
62) Caprolactam	5.936	55	285M2	0.077 ug/ml	
63) 1,2,4,5-Tetrachloroben...	6.387	216	878	0.073 ug/ml#	87
64) Biphenyl	6.679	154	1780	0.073 ug/ml#	92
86) Dichloran	8.332	206	178M2	0.061 ug/ml	
87) Pentachloronitrobenzene	8.478	237	72M2	0.717 ug/ml	
101) Diphenamid	9.538	167	1208	0.071 ug/ml#	76

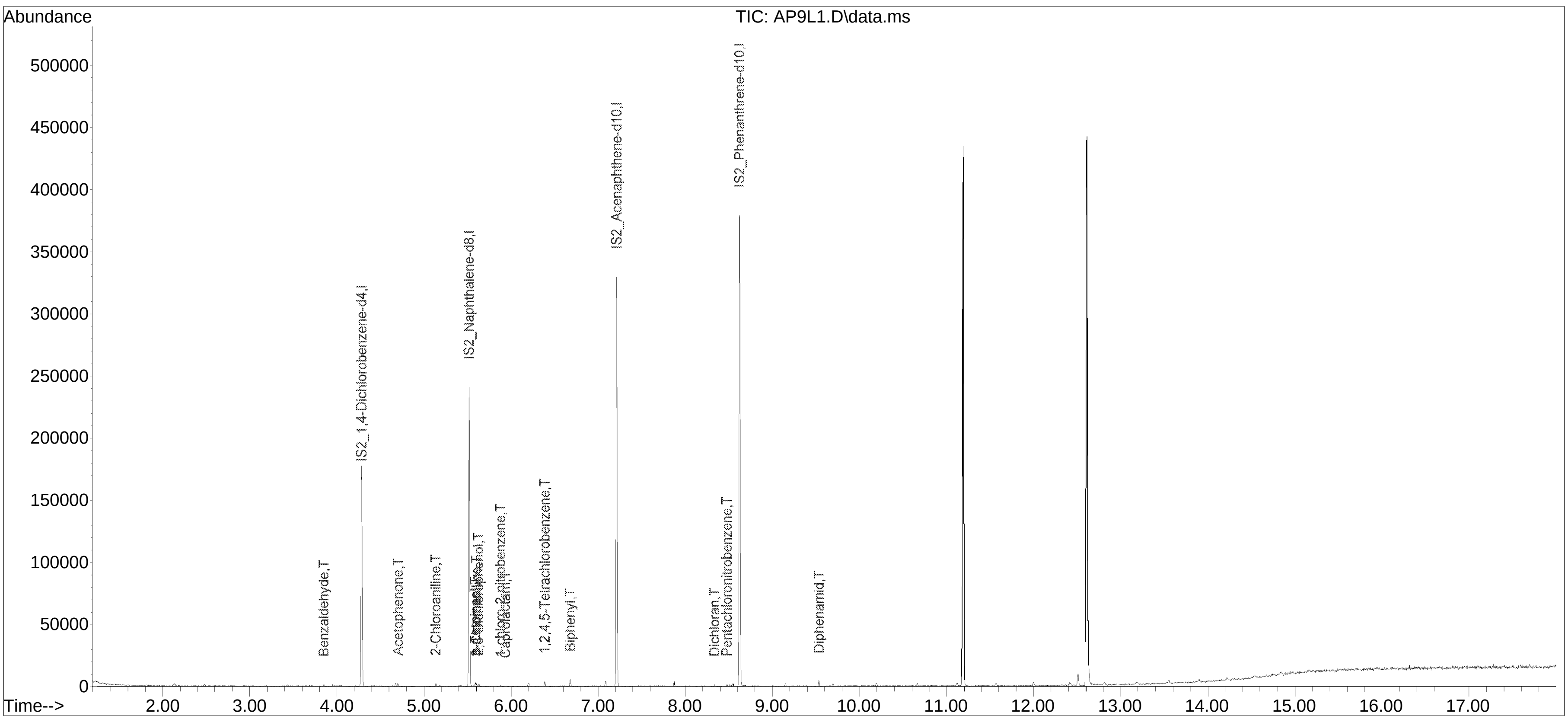
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9L1.D
Acq On : 5 Nov 2024 11:36 pm
Operator : Dakota:HNY
Sample : IL10,32,,AP9L0.1 Lot# 11128
Misc : WG1994500
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 06 09:34:15 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

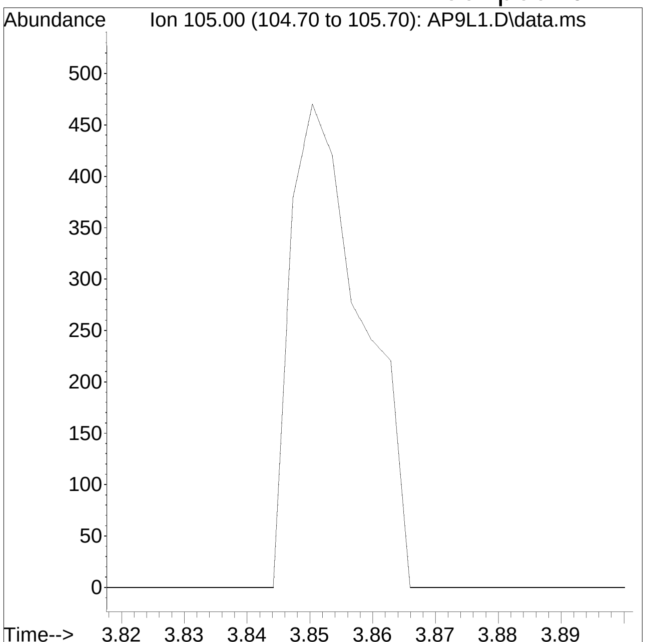
Sub List : AP9ical - AP9 ical sublistVTICAL\AP9L6.D•

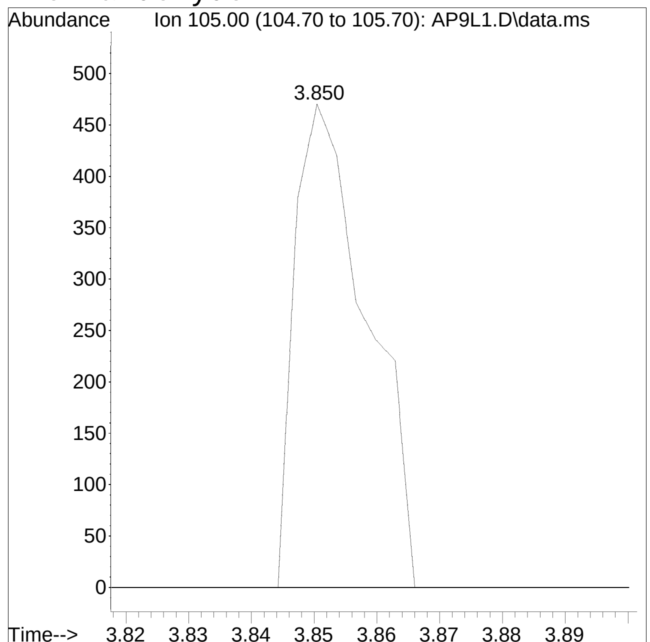


Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : AP9L1.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 11:36 pm Instrument : Dakota
Sample : IL10,32,,AP9L0.1 Lot# 1112Quant Date : 11/6/2024 8:37 am

Compound #28: Benzaldehyde



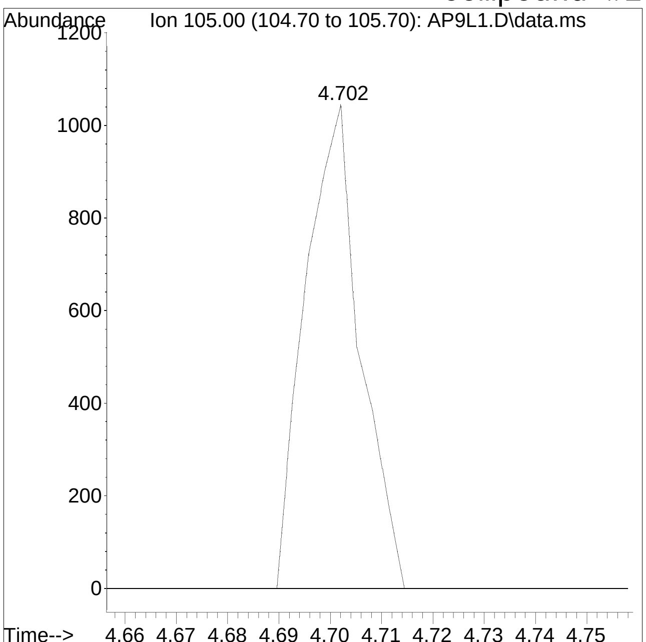


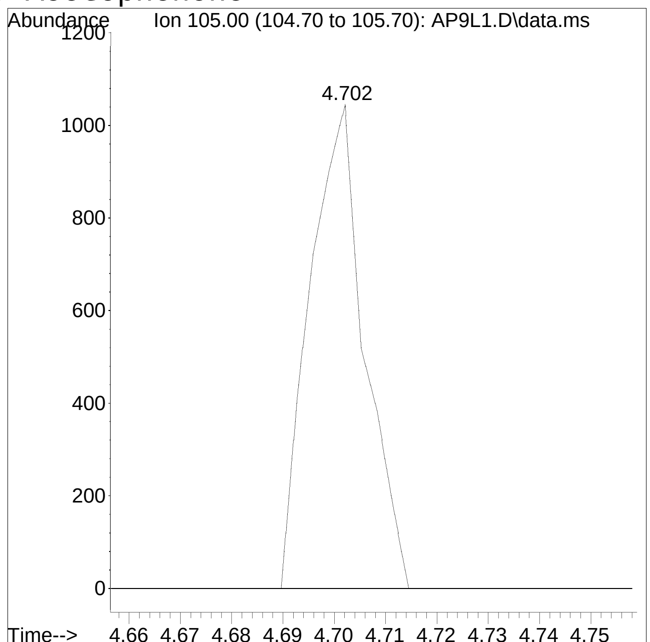
Original Peak Response = 0 Manual Peak Response = 375 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : AP9L1.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 11:36 pm Instrument : Dakota
Sample : IL10,32,,AP9L0.1 Lot# 1112Quant Date : 11/6/2024 8:37 am

Compound #29: Acetophenone



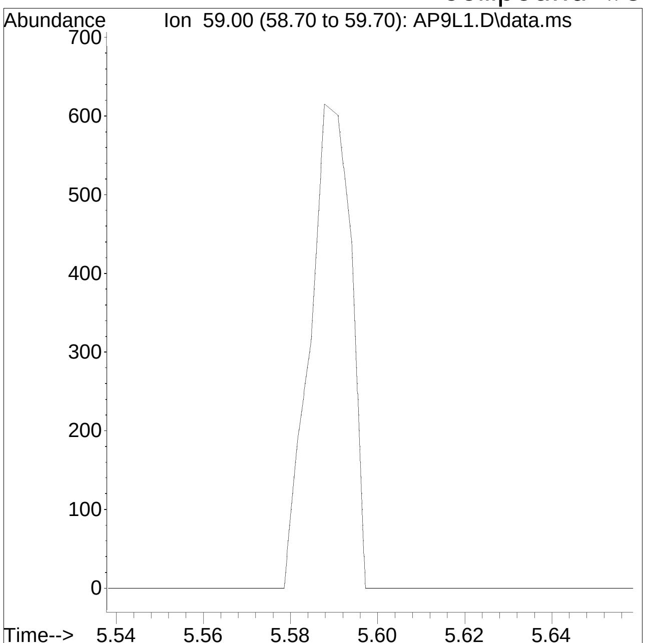


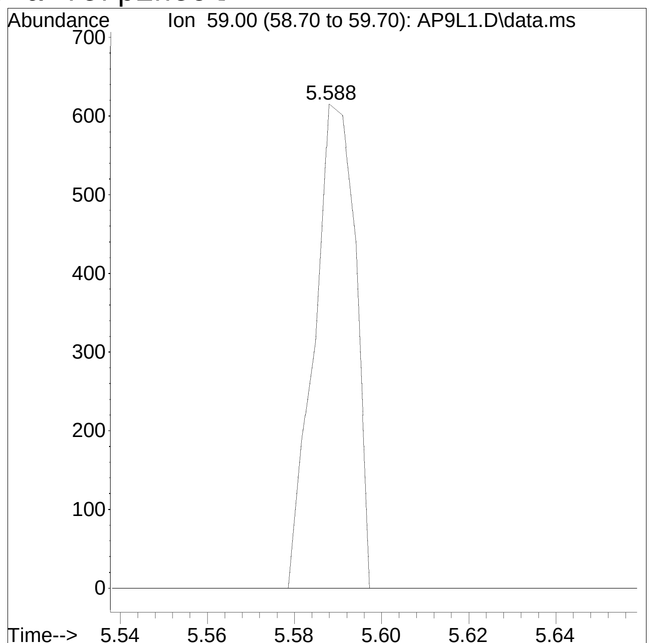
Original Peak Response = 777 Manual Peak Response = 776 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L1.D                     Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024 11:36 pm          Instrument  : Dakota
Sample      : IL10,32,,AP9L0.1 Lot# 1112Quant Date  : 11/6/2024  8:37 am
```

Compound #58: a-Terpineol





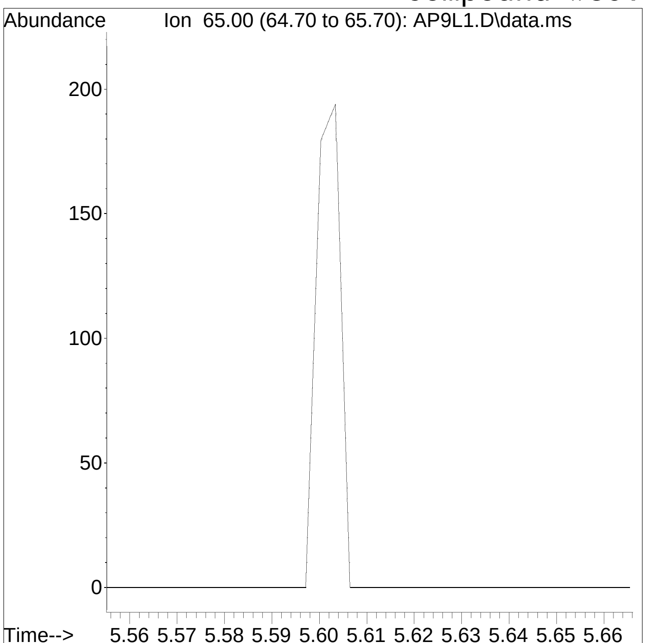
Original Peak Response = 0　　　　Manual Peak Response = 402 M2

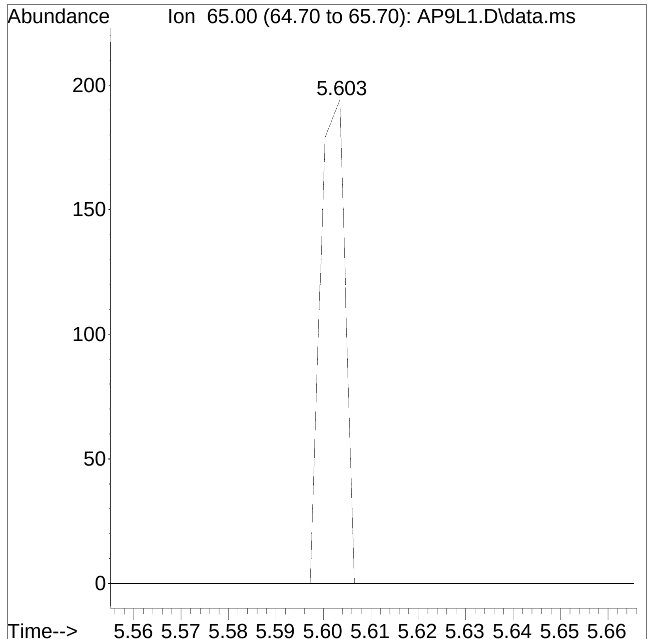
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L1.D                      Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024 11:36 pm           Instrument  : Dakota
Sample      : IL10,32,,AP9L0.1 Lot# 1112Quant Date  : 11/6/2024  8:37 am
```

Compound #59: 3-Chloroaniline





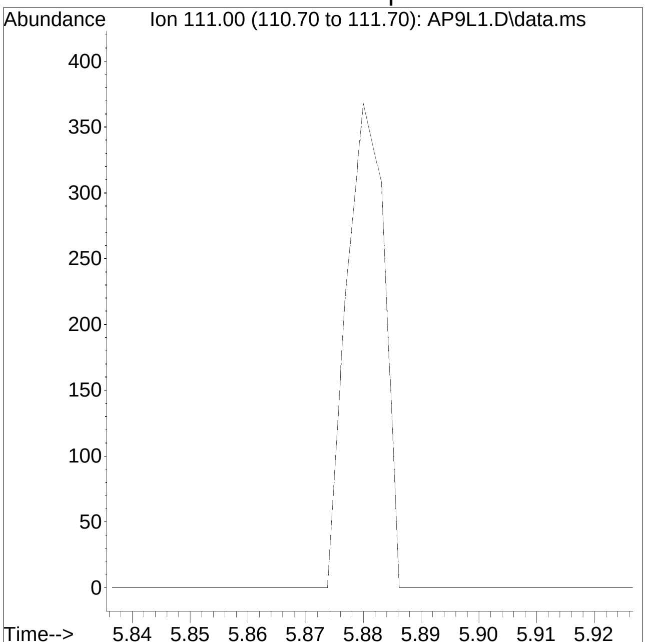
Original Peak Response = 0   Manual Peak Response = 70 M2

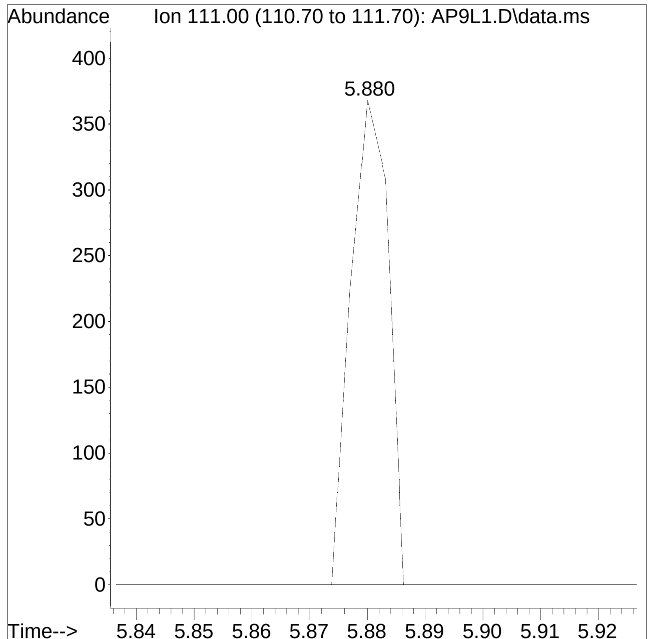
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L1.D                      Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024 11:36 pm           Instrument  : Dakota
Sample      : IL10,32,,AP9L0.1 Lot# 1112Quant Date  : 11/6/2024  8:37 am
```

Compound #61: 1-chloro-2-nitrobenzene





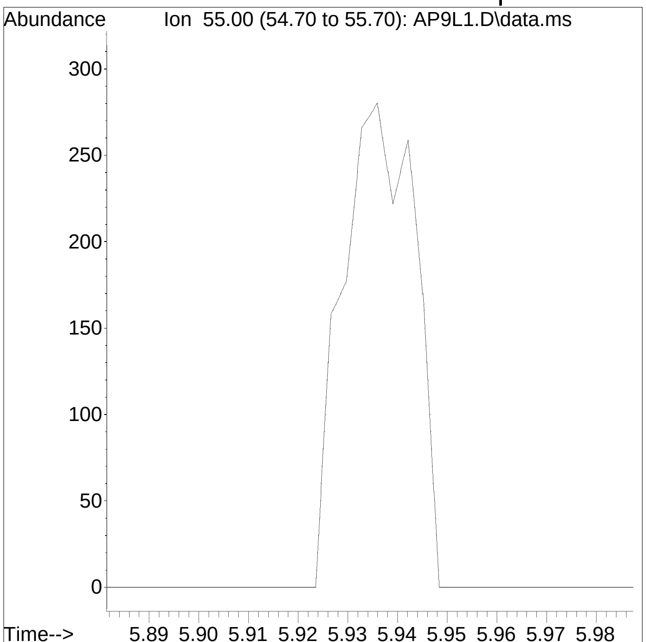
Original Peak Response = 0   Manual Peak Response = 168 M2

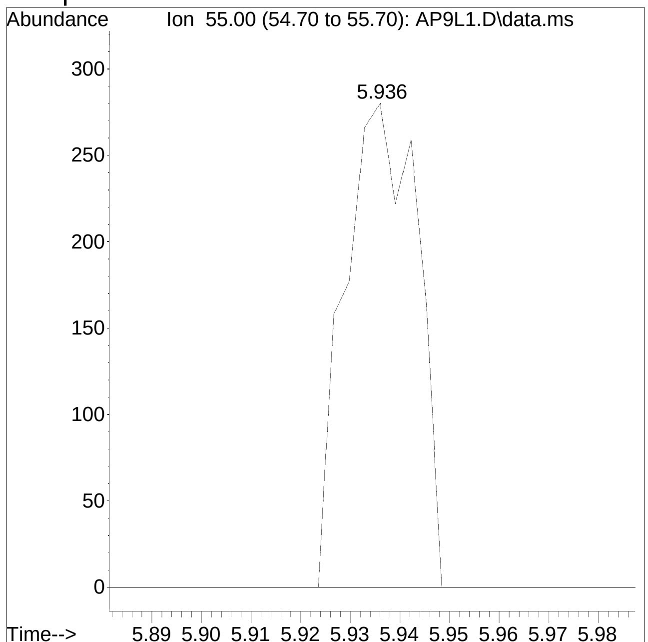
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L1.D                    Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024 11:36 pm         Instrument  : Dakota
Sample      : IL10,32,,AP9L0.1 Lot# 1112Quant Date  : 11/6/2024  8:37 am
```

Compound #62: Caprolactam





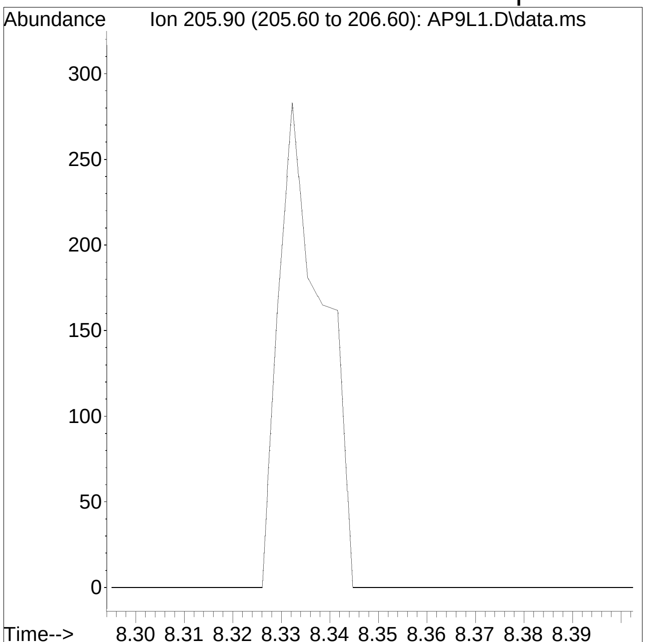
Original Peak Response = 0   Manual Peak Response = 285 M2

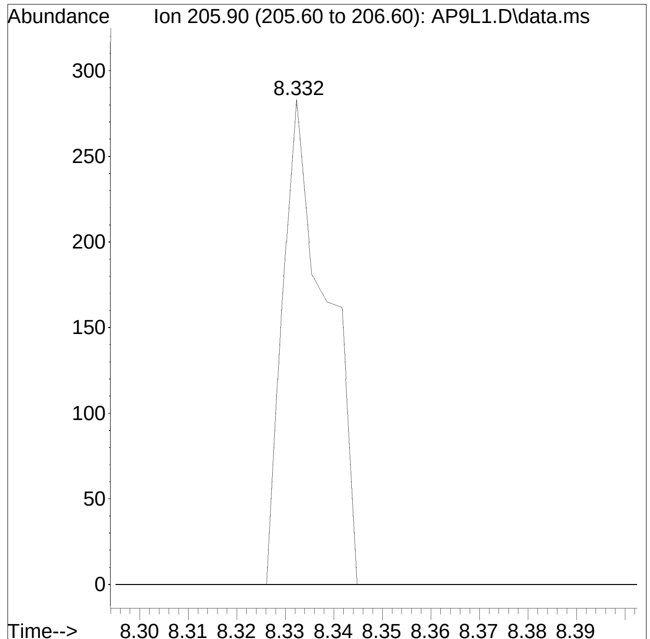
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9L1.D                      Operator    : Dakota:HNY
Date Inj'd  : 11/5/2024 11:36 pm           Instrument  : Dakota
Sample      : IL10,32,,AP9L0.1 Lot# 1112Quant Date  : 11/6/2024  8:37 am
```

Compound #86: Dichloran





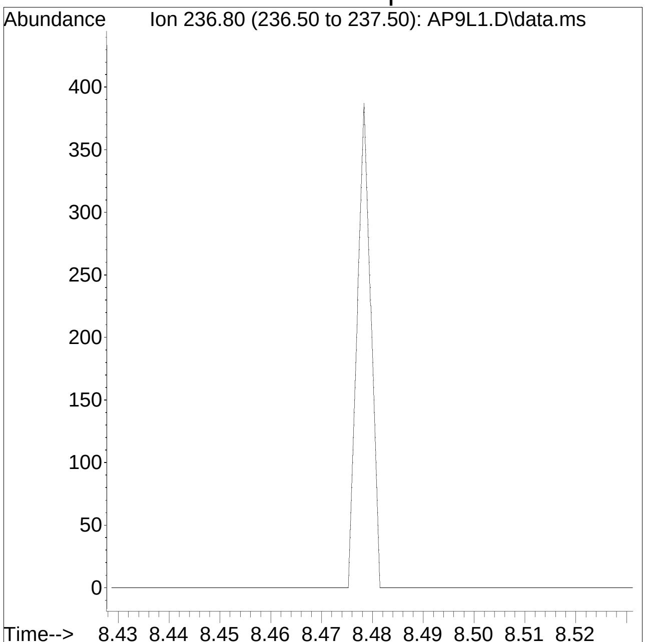
Original Peak Response = 0   Manual Peak Response = 178 M2

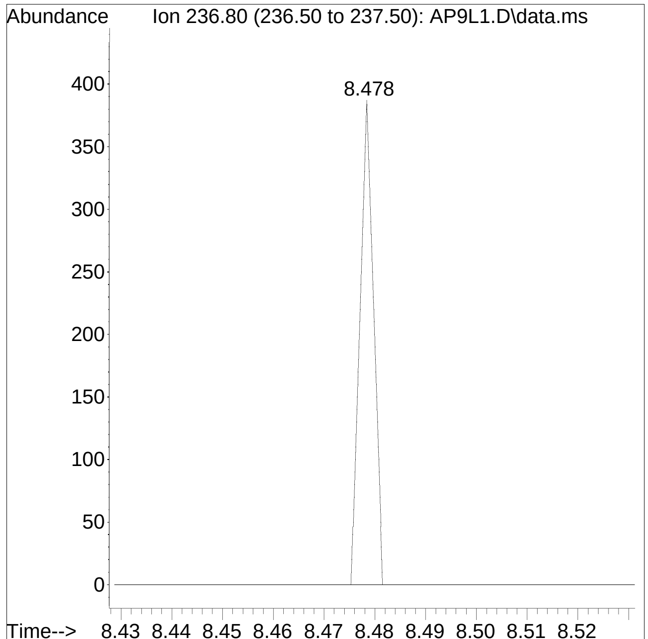
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : AP9L1.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 11:36 pm Instrument : Dakota
Sample : IL10,32,,AP9L0.1 Lot# 1112Quant Date : 11/6/2024 8:37 am

Compound #87: Pentachloronitrobenzene





Original Peak Response = 0 Manual Peak Response = 72 M2
M2 = Peak not found by automatic integration algorithm.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNICV.D
Acq On : 5 Nov 2024 11:59 pm
Operator : Dakota:HNY
Sample : CQICV1,32,,ABNICV Lot# 11138
Misc : WG1994500
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 12 11:52:06 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 12 11:53:08 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
2	t	n-Nitrosodimethylamine	0.630	0.605	4.0	101	0.00
3	t	Pyridine	0.954	0.757	20.6#	77	0.00
4	S	2-Fluorophenol	1.028	0.968	5.8	100	0.00
5	T	Aniline	1.567	1.337	14.7	90	0.00
6	t	2-Chlorophenol	1.225	1.160	5.3	99	0.00
7	S	Phenol-d6	1.317	1.189	9.7	96	0.00
8	T	Phenol	1.421	1.295	8.9	96	0.00
9	T	Bis(2-chloroethyl)ether	1.017	0.962	5.4	101	0.00
10	T	1,3-Dichlorobenzene	1.577	1.429	9.4	98	0.00
11	T	1,4-Dichlorobenzene	1.610	1.474	8.4	99	0.00
12	T	1,2-Dichlorobenzene	1.534	1.411	8.0	100	0.00
13	t	Benzyl alcohol	0.930	0.869	6.6	99	0.00
14	T	Bis(2-chloroisopropyl)ether	1.794	1.670	6.9	101	0.00
15	T	2-Methylphenol	1.079	0.990	8.2	101	0.00
16	T	Hexachloroethane	0.589	0.529	10.2	101	0.00
17	T	n-Nitrosodi-n-propylamine	0.863	0.773	10.4	98	0.00
18	T	3-Methylphenol/4-Methylphen	1.182	1.061	10.2	99	0.00
19	S	Nitrobenzene-d5	1.195	1.112	6.9	98	0.00
20	T	Nitrobenzene	1.222	1.123	8.1	97	0.00
21	T	Isophorone	2.247	2.012	10.5	96	0.00
22	T	2-Nitrophenol	0.619	0.547	11.6	94	0.00
23	T	2,4-Dimethylphenol	1.101	0.834	24.3#	81	0.00
24	T	Bis(2-chloroethoxy)methane	1.400	1.314	6.1	100	0.00
25	T	2,4-Dichlorophenol	1.285	1.170	8.9	97	0.00
26	T	1,2,4-Trichlorobenzene	1.555	1.418	8.8	99	0.00
37	I	IS1_Naphthalene-d8	1.000	1.000	0.0	104	0.00
38	T	Naphthalene	1.100	0.979	11.0	100	0.00
39	T	Benzoic Acid	0.228	0.175	23.2#	88	0.00
40	T	4-Chloroaniline	0.121	0.104	14.0	92	0.00
41	T	Hexachlorobutadiene	0.258	0.240	7.0	100	0.00
42	T	p-Chloro-m-cresol	0.290	0.261	10.0	97	0.00
43	T	2-Methylnaphthalene	0.761	0.690	9.3	102	0.00
44	T	1-Methylnaphthalene	0.242	0.219	9.5	98	0.00
45	T	Hexachlorocyclopentadiene	0.272	0.211	22.4#	81	0.00
46	T	2,4,6-Trichlorophenol	0.287	0.262	8.7	98	0.00
47	T	2,4,5-Trichlorophenol	0.320	0.284	11.3	98	0.00
48	S	2-Fluorobiphenyl	0.990	0.872	11.9	99	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNICV.D
Acq On   : 5 Nov 2024 11:59 pm
Operator : Dakota:HNY
Sample   : CQICV1,32,,ABNICV Lot# 11138
Misc   : WG1994500
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Nov 12 11:52:06 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 12 11:53:08 2024
Response via : Initial Calibration

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	2-Chloronaphthalene		0.852	0.739	13.3	96	0.00
50	T	2-Nitroaniline		0.218	0.194	11.0	93	0.00
51	T	1,4-Dinitrobenzene		0.095	0.085	10.5	94	0.00
52	T	1,3-Dinitrobenzene		0.113	0.101	10.6	91	0.00
53	T	Dimethyl phthalate		0.991	0.879	11.3	99	0.00
54	T	Acenaphthylene		1.252	1.111	11.3	98	0.00
55	T	2,6-Dinitrotoluene		0.185	0.166	10.3	93	0.00
56	T	1,2-Dinitrobenzene		0.066	0.068	-3.0	101	0.00
65	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	103	0.00
66	T	3-Nitroaniline		0.309	0.291	5.8	97	0.00
67	T	Acenaphthene		1.163	0.993	14.6	97	0.00
68	T	2,4-Dinitrophenol	*	5.000	4.126	17.5	92	0.00
69	T	Dibenzofuran		2.006	1.787	10.9	101	0.00
70	T	2,4-Dinitrotoluene		0.387	0.375	3.1	96	0.00
71	T	4-Nitrophenol		0.230	0.215	6.5	95	0.00
72	T	2,3,5,6-Tetrachlorophenol		0.436	0.395	9.4	96	0.00
73	T	2,3,4,6-Tetrachlorophenol		0.428	0.396	7.5	99	0.00
74	T	Diethyl phthalate		1.575	1.380	12.4	99	0.00
75	T	Fluorene		1.536	1.359	11.5	99	0.00
76	T	4-Chlorophenyl phenyl ether		0.792	0.702	11.4	100	0.00
77	T	4-Nitroaniline		0.299	0.300	-0.3	99	0.00
78	T	4,6-Dinitro-o-cresol		0.234	0.216	7.7	92	0.00
79	T	NDPA/DPA		1.337	1.176	12.0	100	0.00
80	T	Azobenzene		1.281	1.179	8.0	100	0.00
81	S	2,4,6-Tribromophenol		0.286	0.269	5.9	102	0.00
82	T	4-Bromophenyl phenyl ether		0.522	0.455	12.8	99	0.00
83	T	Hexachlorobenzene		0.656	0.553	15.7	98	0.00
84	T	Pentachlorophenol		0.356	0.324	9.0	94	0.00
90	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	102	0.00
91	T	Phenanthrene		1.183	1.044	11.7	98	0.00
92	T	Anthracene		1.160	1.061	8.5	100	0.00
93	T	Carbazole		1.064	0.982	7.7	98	0.00
94	T	Di-n-butylphthalate		1.207	1.119	7.3	97	0.00
95	T	Fluoranthene		1.422	1.289	9.4	100	0.00
96	T	Benzidine		0.772	0.715	7.4	91	0.00
97	T	Pyrene		1.520	1.421	6.5	102	0.00
98	S	4-Terphenyl-d14		1.157	1.045	9.7	100	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNICV.D
Acq On : 5 Nov 2024 11:59 pm
Operator : Dakota:HNY
Sample : CQICV1,32,,ABNICV Lot# 11138
Misc : WG1994500
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 12 11:52:06 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 12 11:53:08 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
99	T	Butyl benzyl phthalate	0.517	0.492	4.8	97	0.00
106	I	IS1_Chrysene-d12	1.000	1.000	0.0	102	0.00
107	T	Benzo(a)anthracene	1.355	1.205	11.1	99	0.00
108	T	3,3'-Dichlorobenzidine	0.505	0.480	5.0	98	0.00
109	T	Chrysene	1.349	1.187	12.0	99	0.00
110	T	Bis(2-ethylhexyl)phthalate	0.726	0.689	5.1	96	0.00
111	T	Di-n-octylphthalate	1.212	1.150	5.1	97	0.00
112	T	Benzo(b)fluoranthene	1.420	1.274	10.3	99	0.00
113	T	Benzo(k)fluoranthene	1.383	1.303	5.8	99	0.00
114	T	Benzo(a)pyrene	1.267	1.183	6.6	98	0.00
115	I	IS1_Perylene-d12	1.000	1.000	0.0	102	0.00
116	T	Indeno(1,2,3-cd)pyrene	1.234	1.129	8.5	98	0.00
117	T	Dibenzo(a,h)anthracene	1.213	1.133	6.6	99	0.00
118	T	Benzo(ghi)perylene	1.192	1.061	11.0	97	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNICV.D
Acq On    :  5 Nov 2024  11:59 pm
Operator  : Dakota:HNY
Sample    : CQICV1,32,,ABNICV Lot# 11138
Misc      : WG1994500
ALS Vial  : 19   Sample Multiplier: 1

Quant Time: Nov 11 15:34:43 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Nov 11 15:34:18 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL7.D
             : 2 - I:\8270\Dakota\241105RVTICAL\ADPL7.D
Sub List     : ABNical - ABN ical sublist

       Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.283  152     29942     4.000 ug/ml    0.00
   Standard Area 1 = 30017                  Recovery   =   99.75%
37) IS1_Naphthalene-d8          5.520  136    111727     4.000 ug/ml    0.00
   Standard Area 1 = 110693                  Recovery   =  100.93%
65) IS1_Acenaphthene-d10        7.210  164     71834     4.000 ug/ml    0.00
   Standard Area 1 = 71339                  Recovery   =  100.69%
90) IS1_Phenanthrene-d10        8.625  188    153221     4.000 ug/ml    0.00
   Standard Area 1 = 152962                  Recovery   =  100.17%
106) IS1_Chrysene-d12          11.192  240    177321     4.000 ug/ml    0.00
   Standard Area 1 = 173819                  Recovery   =  102.01%
115) IS1_Perylene-d12          12.609  264    206959     4.000 ug/ml    0.00
   Standard Area 1 = 202944                  Recovery   =  101.98%

 System Monitoring Compounds
 4) 2-Fluorophenol              2.996  112     36238     4.708 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  235.40%#
 7) Phenol-d6                   3.984   99     44501     4.514 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  225.70%#
19) Nitrobenzene-d5             4.833   82     41614     4.652 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  465.20%#
48) 2-Fluorobiphenyl            6.592  172    121772     4.404 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  440.40%#
81) 2,4,6-Tribromophenol        7.969  330     24120     4.697 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  234.85%#
98) 4-Terphenyl-d14            10.191  244    200195     4.515 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  451.50%#

 Target Compounds                                                  Qvalue
 2) n-Nitrosodimethylamine      1.600   74      22641      4.799 ug/ml#    79
 3) Pyridine                    1.641   79      28316M1    3.965 ug/ml
 5) Aniline                     3.969   93      50034      4.266 ug/ml     95
 6) 2-Chlorophenol              4.077  128      43409      4.734 ug/ml#    87
 8) Phenol                      3.997   94      48485      4.559 ug/ml     96
 9) Bis(2-chloroethyl)ether     4.056   93      36003      4.728 ug/ml     99
10) 1,3-Dichlorobenzene         4.224  146      53479      4.532 ug/ml     94
11) 1,4-Dichlorobenzene         4.298  146      55162      4.578 ug/ml     94
12) 1,2-Dichlorobenzene         4.447  146      52815      4.599 ug/ml     94
13) Benzyl alcohol              4.450   79      32533      4.673 ug/ml     99
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNICV.D
Acq On : 5 Nov 2024 11:59 pm
Operator : Dakota:HNY
Sample : CQICV1,32,,ABNICV Lot# 11138
Misc : WG1994500
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 11 15:34:43 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Nov 11 15:34:18 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL7.D
: 2 - I:\8270\Dakota\241105RVTICAL\ADPL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
14) Bis(2-chloroisopropyl)...	4.593	45	62522	4.656 ug/ml#	63
15) 2-Methylphenol	4.590	108	37053	4.586 ug/ml	100
16) Hexachloroethane	4.771	117	19810	4.490 ug/ml#	48
17) n-Nitrosodi-n-propylamine	4.721	70	28948	4.483 ug/ml#	87
18) 3-Methylphenol/4-Methy...	4.749	108	39726	4.488 ug/ml	100
20) Nitrobenzene	4.848	77	42031	4.594 ug/ml	97
21) Isophorone	5.094	82	75307	4.477 ug/ml	95
22) 2-Nitrophenol	5.165	139	20467	4.419 ug/ml#	86
23) 2,4-Dimethylphenol	5.255	107	31220	3.789 ug/ml	99
24) Bis(2-chloroethoxy)met...	5.339	93	49166	4.692 ug/ml#	97
25) 2,4-Dichlorophenol	5.405	162	43788	4.552 ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.479	180	53081	4.560 ug/ml	96
38) Naphthalene	5.538	128	136778	4.451 ug/ml	99
39) Benzoic Acid	5.346	105	24373	3.831 ug/ml	92
40) 4-Chloroaniline	5.622	65	14569	4.314 ug/ml#	63
41) Hexachlorobutadiene	5.697	225	33536	4.646 ug/ml	99
42) p-Chloro-m-cresol	6.126	107	36518	4.511 ug/ml	91
43) 2-Methylnaphthalene	6.216	142	96343	4.531 ug/ml	95
44) 1-Methylnaphthalene	6.309	115	30554	4.519 ug/ml	93
45) Hexachlorocyclopentadiene	6.390	237	29425	3.870 ug/ml	99
46) 2,4,6-Trichlorophenol	6.508	196	36634	4.577 ug/ml	98
47) 2,4,5-Trichlorophenol	6.536	196	39640	4.429 ug/ml	99
49) 2-Chloronaphthalene	6.676	162	103138	4.332 ug/ml	93
50) 2-Nitroaniline	6.794	138	27096	4.447 ug/ml#	78
51) 1,4-Dinitrobenzene	6.928	168	11911	4.501 ug/ml	83
52) 1,3-Dinitrobenzene	7.002	168	14057	4.435 ug/ml#	1
53) Dimethyl phthalate	7.005	163	122829	4.438 ug/ml#	98
54) Acenaphthylene	7.067	152	155180	4.438 ug/ml	99
55) 2,6-Dinitrotoluene	7.043	165	23242	4.499 ug/ml#	79
56) 1,2-Dinitrobenzene	7.080	168	9499	5.134 ug/ml#	1
66) 3-Nitroaniline	7.192	138	26098	4.705 ug/ml#	86
67) Acenaphthene	7.238	154	89205	4.270 ug/ml	87
68) 2,4-Dinitrophenol	7.291	184	13757	4.126 ug/ml#	80
69) Dibenzofuran	7.409	168	160445	4.454 ug/ml	90
70) 2,4-Dinitrotoluene	7.425	165	33658	4.841 ug/ml#	80
71) 4-Nitrophenol	7.394	65	19325	4.673 ug/ml#	28
72) 2,3,5,6-Tetrachlorophenol	7.506	232	35437	4.522 ug/ml	98
73) 2,3,4,6-Tetrachlorophenol	7.543	232	35578	4.631 ug/ml	98
74) Diethyl phthalate	7.689	149	123901	4.382 ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNICV.D
Acq On : 5 Nov 2024 11:59 pm
Operator : Dakota:HNY
Sample : CQICV1,32,,ABNICV Lot# 11138
Misc : WG1994500
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 11 15:34:43 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Nov 11 15:34:18 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ABNL7.D
: 2 - I:\8270\Dakota\241105RVTICAL\ADPL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
75)	Fluorene	7.736	166	122050	4.424 ug/ml	92
76)	4-Chlorophenyl phenyl ...	7.764	204	63042	4.434 ug/ml#	86
77)	4-Nitroaniline	7.773	138	26907	5.018 ug/ml#	77
78)	4,6-Dinitro-o-cresol	7.810	198	19382	4.612 ug/ml#	59
79)	NDPA/DPA	7.879	169	105614	4.400 ug/ml	93
80)	Azobenzene	7.910	77	105841	4.602 ug/ml	98
82)	4-Bromophenyl phenyl e...	8.227	248	40811	4.357 ug/ml#	79
83)	Hexachlorobenzene	8.267	284	49668	4.213 ug/ml#	80
84)	Pentachlorophenol	8.463	266	29051	4.546 ug/ml	99
91)	Phenanthrene	8.646	178	199979	4.414 ug/ml	99
92)	Anthracene	8.693	178	203231	4.574 ug/ml	99
93)	Carbazole	8.867	167	188138	4.614 ug/ml	98
94)	Di-n-butylphthalate	9.271	149	214371	4.637 ug/ml#	98
95)	Fluoranthene	9.781	202	246949	4.533 ug/ml#	91
96)	Benzidine	9.946	184	136878	4.630 ug/ml#	95
97)	Pyrene	9.989	202	272087	4.674 ug/ml	99
99)	Butyl benzyl phthalate	10.707	149	94148	4.755 ug/ml#	83
107)	Benzo(a)anthracene	11.183	228	267033	4.445 ug/ml	99
108)	3,3'-Dichlorobenzidine	11.195	252	106445	4.756 ug/ml#	95
109)	Chrysene	11.217	228	263085	4.399 ug/ml	98
110)	Bis(2-ethylhexyl)phtha...	11.335	149	152756	4.744 ug/ml#	89
111)	Di-n-octylphthalate	11.994	149	254994	4.747 ug/ml#	72
112)	Benzo(b)fluoranthene	12.252	252	282392	4.487 ug/ml#	94
113)	Benzo(k)fluoranthene	12.280	252	288769	4.709 ug/ml#	93
114)	Benzo(a)pyrene	12.553	252	262323	4.671 ug/ml#	93
116)	Indeno(1,2,3-cd)pyrene	13.545	276	292191	4.576 ug/mL#	89
117)	Dibenzo(a,h)anthracene	13.570	278	293099	4.671 ug/ml#	89
118)	Benzo(ghi)perylene	13.753	276	274527	4.451 ug/ml#	86

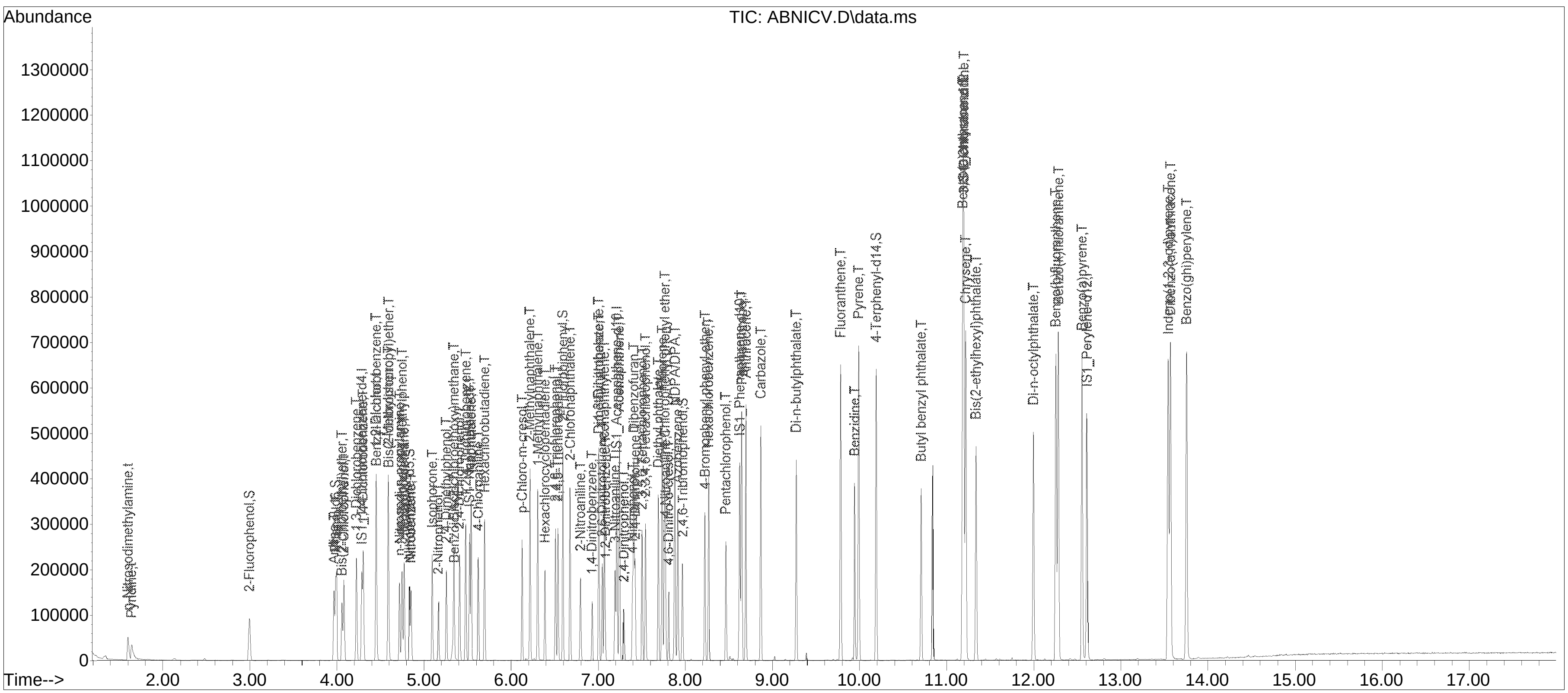
(#) = qualifier out of range (m) = manual integration (+) = signals summed

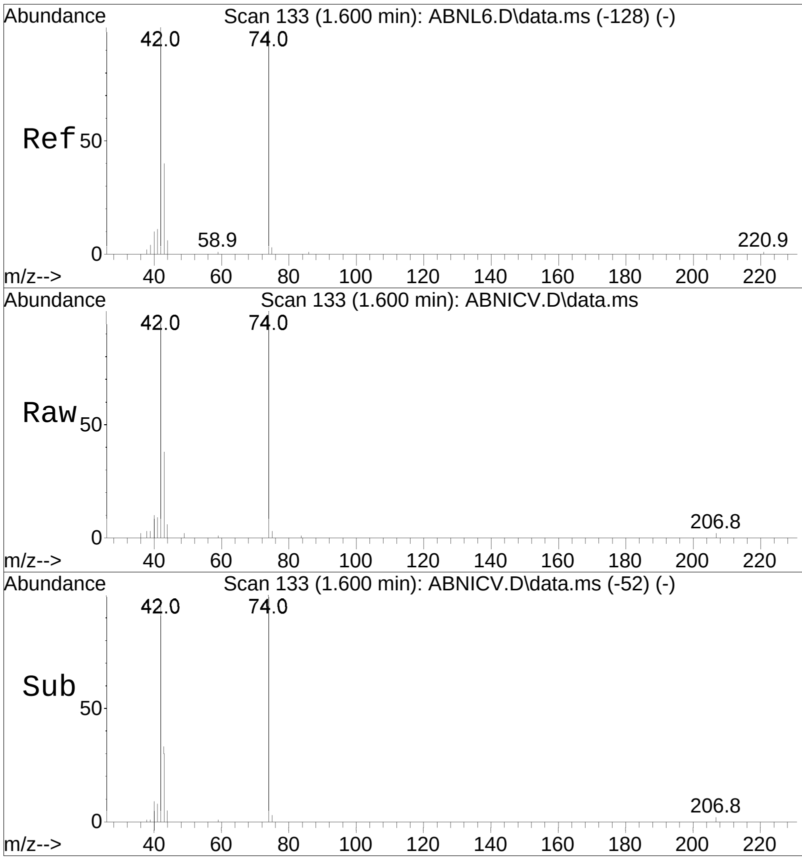
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ABNICV.D
Acq On   : 5 Nov 2024 11:59 pm
Operator : Dakota:HNY
Sample   : CQICV1,32,,ABNICV Lot# 11138
Misc   : WG1994500
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Nov 11 15:34:43 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Nov 11 15:34:18 2024
Response via : Initial Calibration

Sub List   : ABNical - ABN ical sublistVTICAL\ADPL7.D•

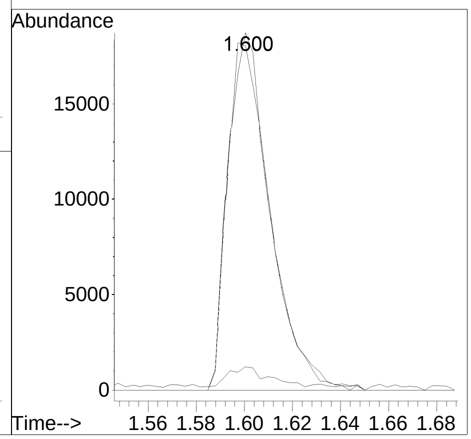


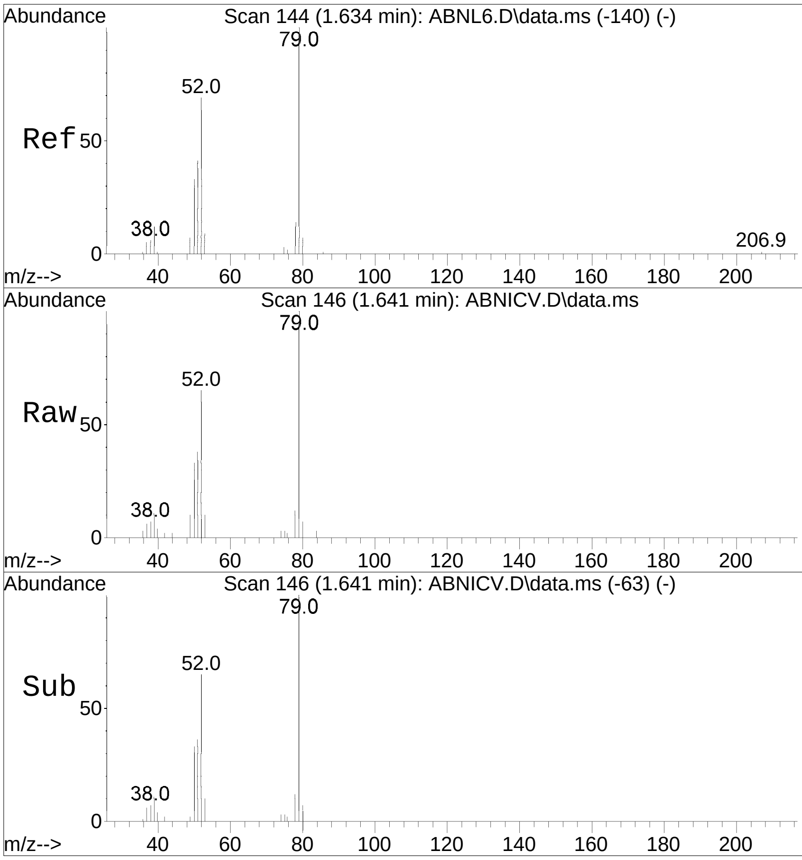


#2
n-Nitrosodimethylamine
Concen: 4.80 ug/ml
RT: 1.600 min Scan# 133
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 74 Resp: 22641

Ion	Ratio	Lower	Upper
74	100		
42	99.8	100.0	150.0#
44	5.3	6.7	10.1#

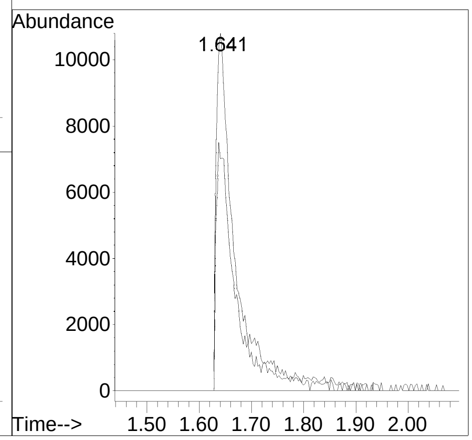


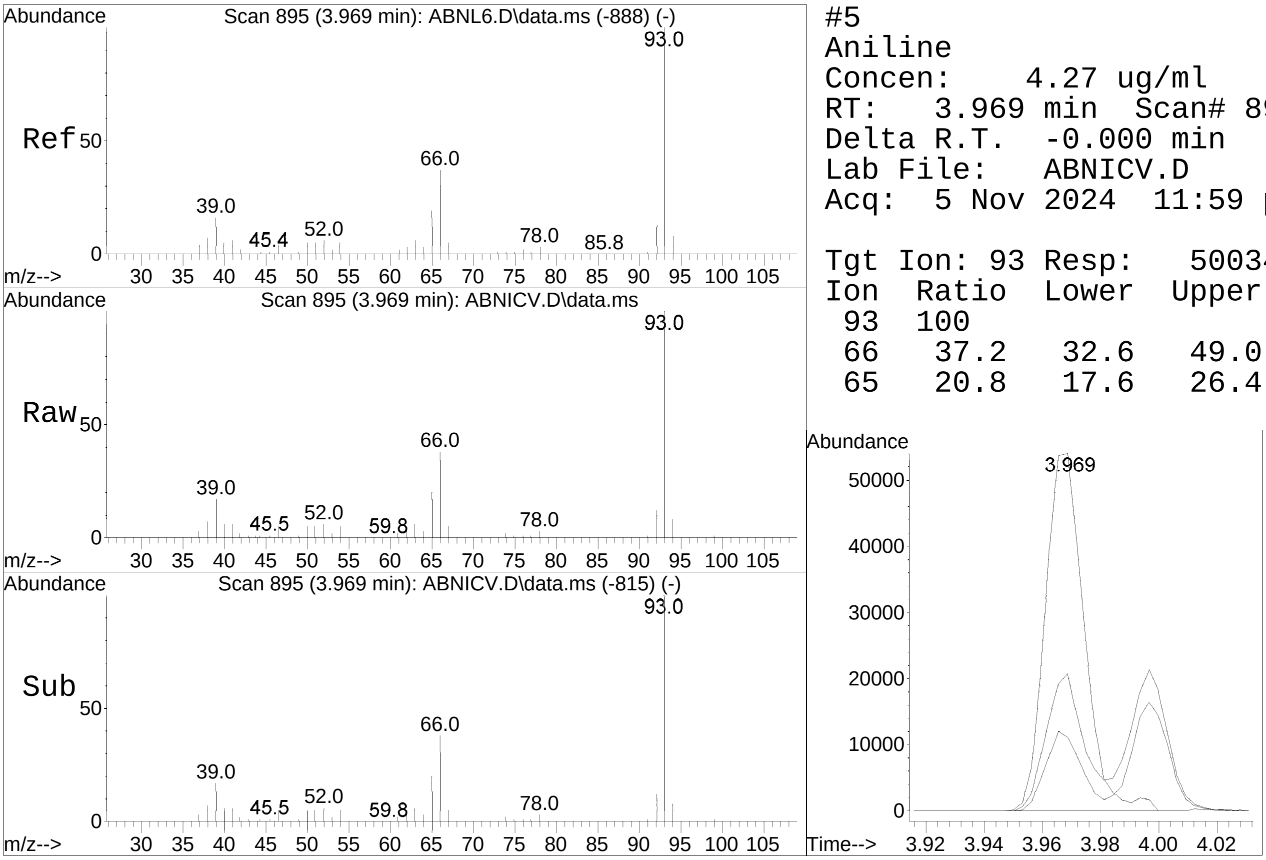


#3
Pyridine
Concen: 3.97 ug/ml M1
RT: 1.641 min Scan# 146
Delta R.T. 0.007 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 79 Resp: 28316

Ion	Ratio	Lower	Upper
79	100		
52	57.6	93.1	139.7#

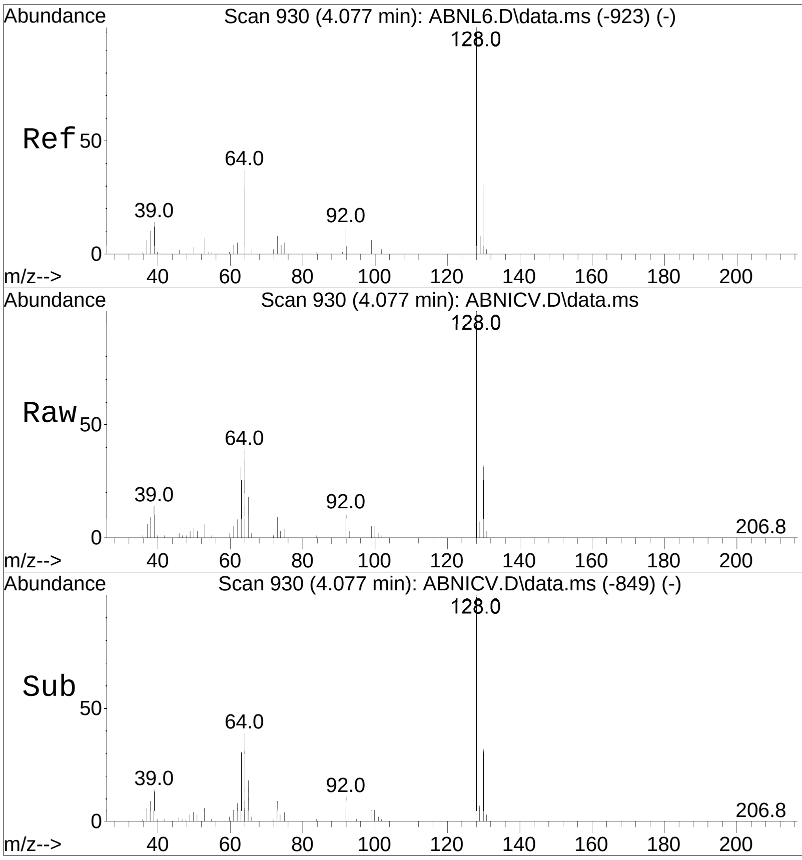




#5
Aniline
Concen: 4.27 ug/ml
RT: 3.969 min Scan# 895
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 93 Resp: 50034

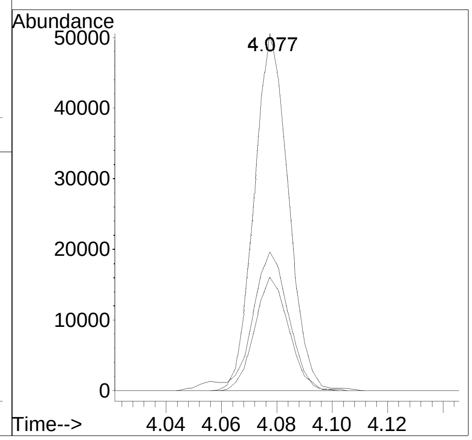
Ion	Ratio	Lower	Upper
93	100		
66	37.2	32.6	49.0
65	20.8	17.6	26.4

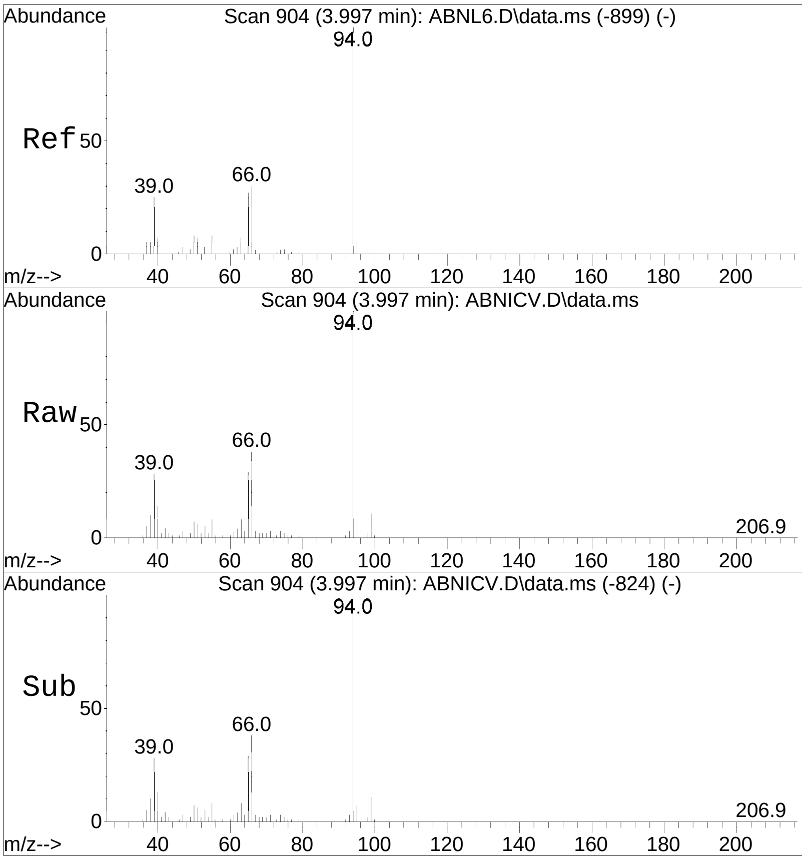


#6
2-Chlorophenol
Concen: 4.73 ug/ml
RT: 4.077 min Scan# 930
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:128 Resp: 43409

Ion	Ratio	Lower	Upper
128	100		
64	42.2	45.1	67.7#
130	31.8	26.2	39.4

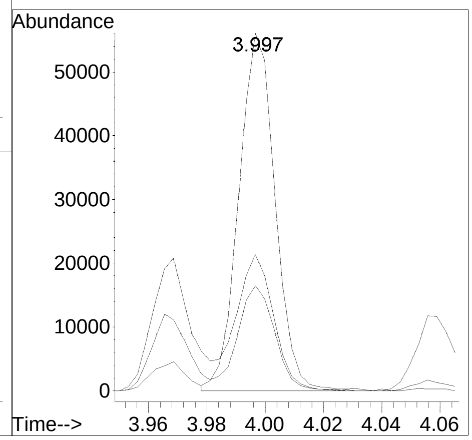


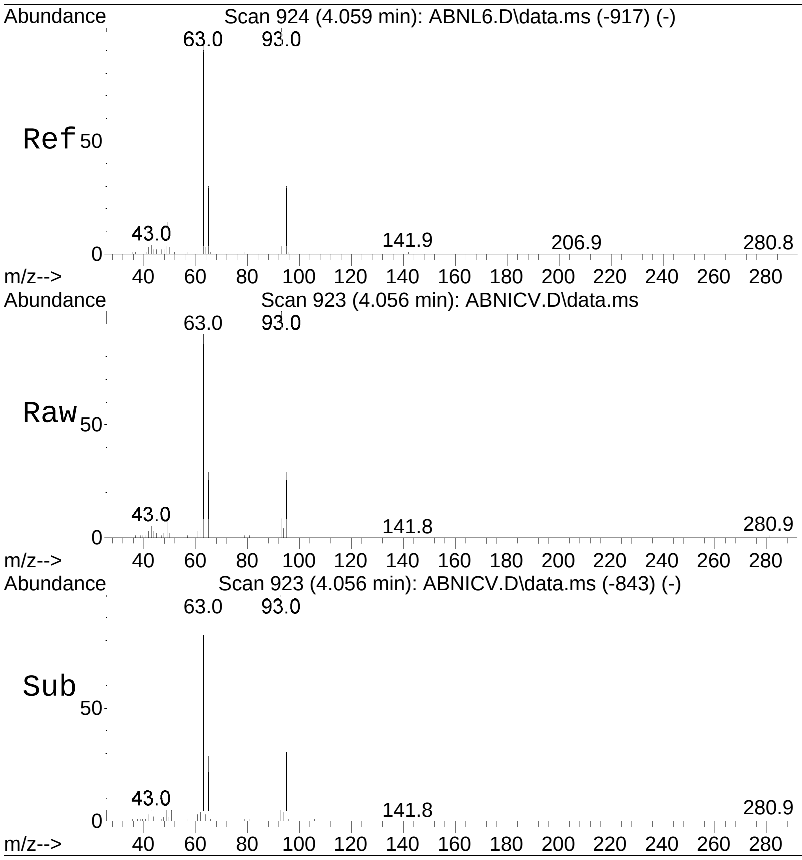


#8
Phenol
Concen: 4.56 ug/ml
RT: 3.997 min Scan# 904
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 94 Resp: 48485

Ion	Ratio	Lower	Upper
94	100		
65	30.1	26.0	39.0
66	40.2	33.8	50.8

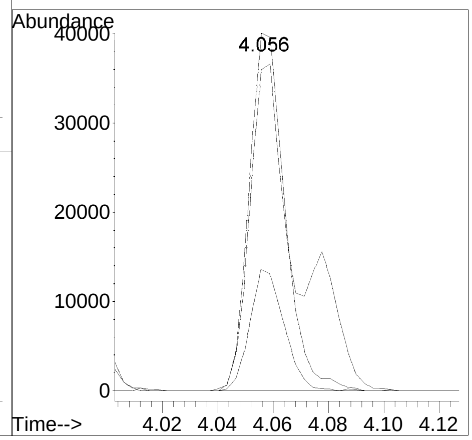


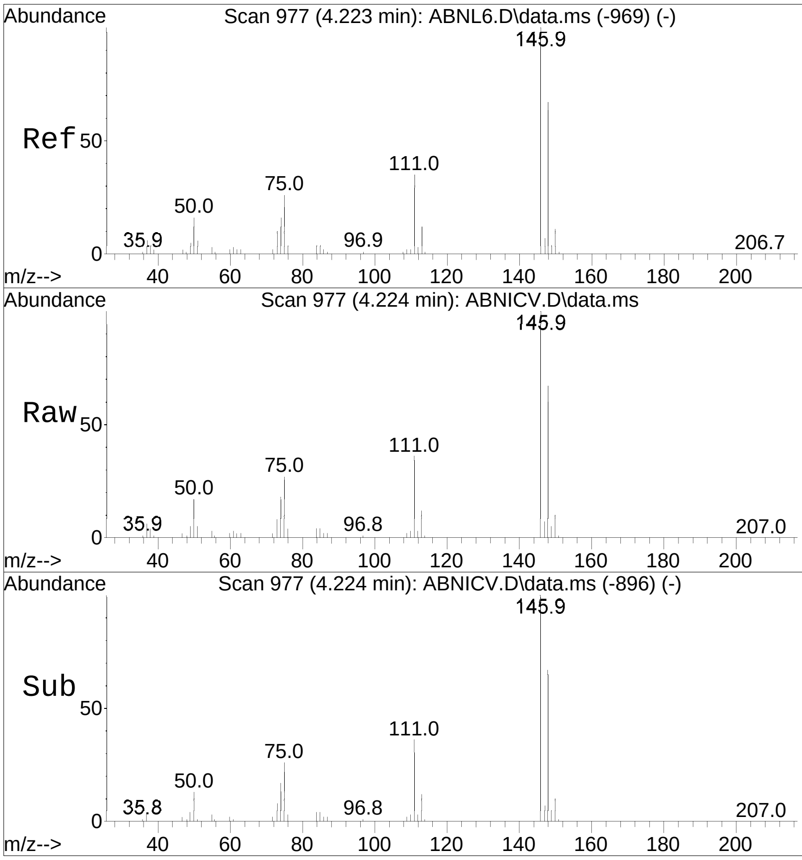


#9
Bis(2-chloroethyl)ether
Concen: 4.73 ug/ml
RT: 4.056 min Scan# 923
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 93 Resp: 36003

Ion	Ratio	Lower	Upper
93	100		
63	91.9	74.6	111.8
95	32.5	25.9	38.9

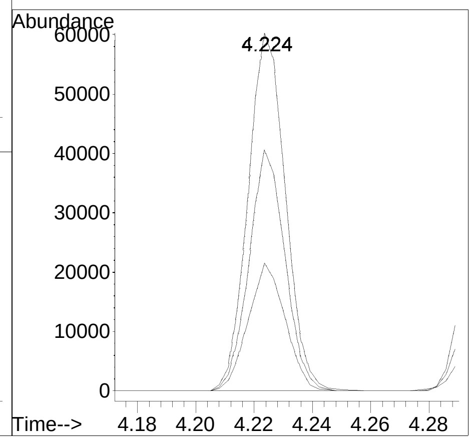


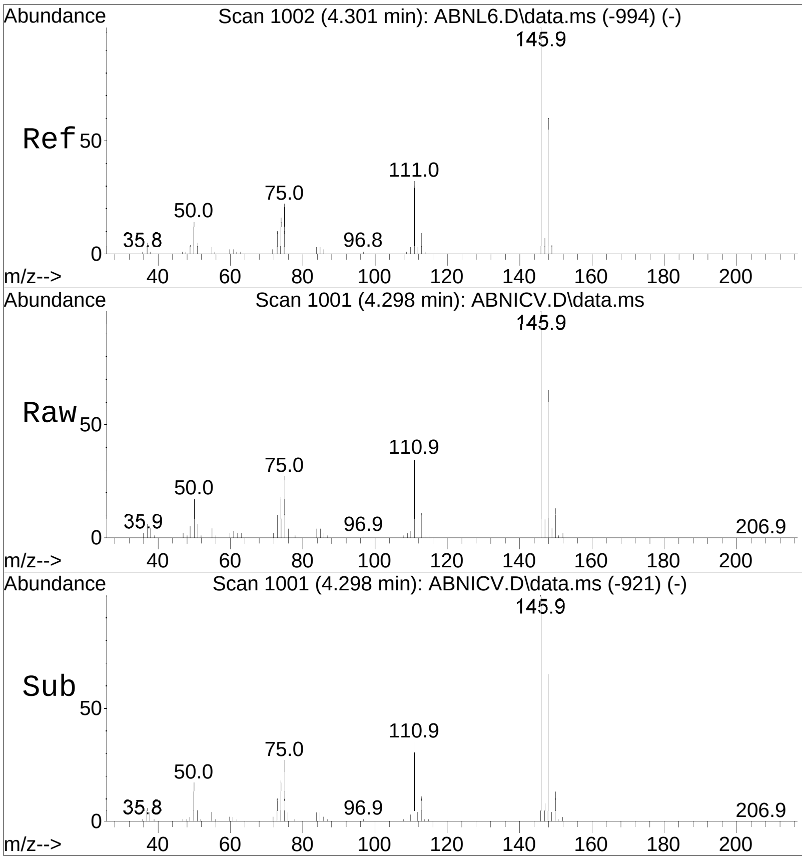


#10
1,3-Dichlorobenzene
Concen: 4.53 ug/ml
RT: 4.224 min Scan# 977
Delta R.T. 0.001 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:146 Resp: 53479

Ion	Ratio	Lower	Upper
146	100		
111	35.5	34.3	51.5
148	65.0	50.8	76.2

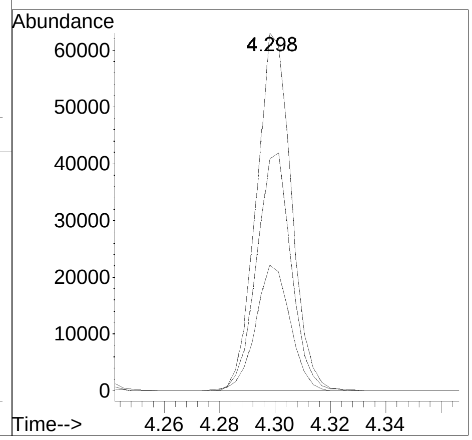


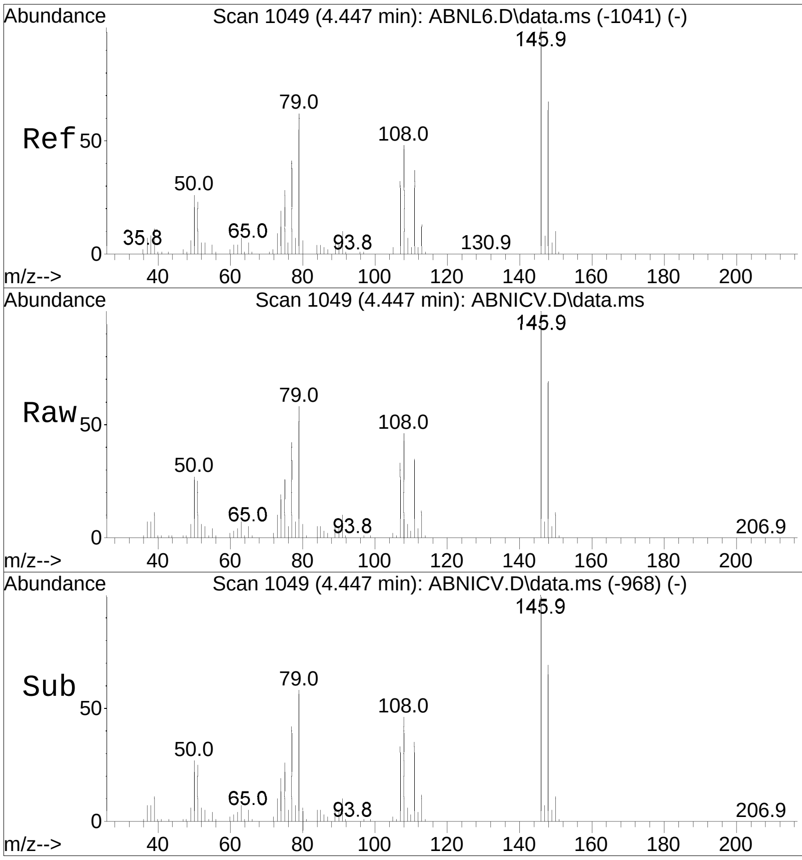


#11
1,4-Dichlorobenzene
Concen: 4.58 ug/ml
RT: 4.298 min Scan# 1001
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:146 Resp: 55162

Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.7	76.1
111	34.8	33.4	50.0

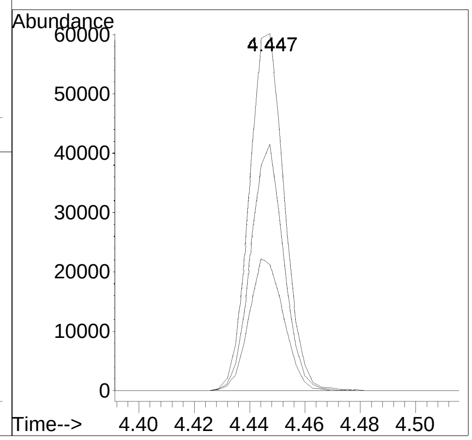


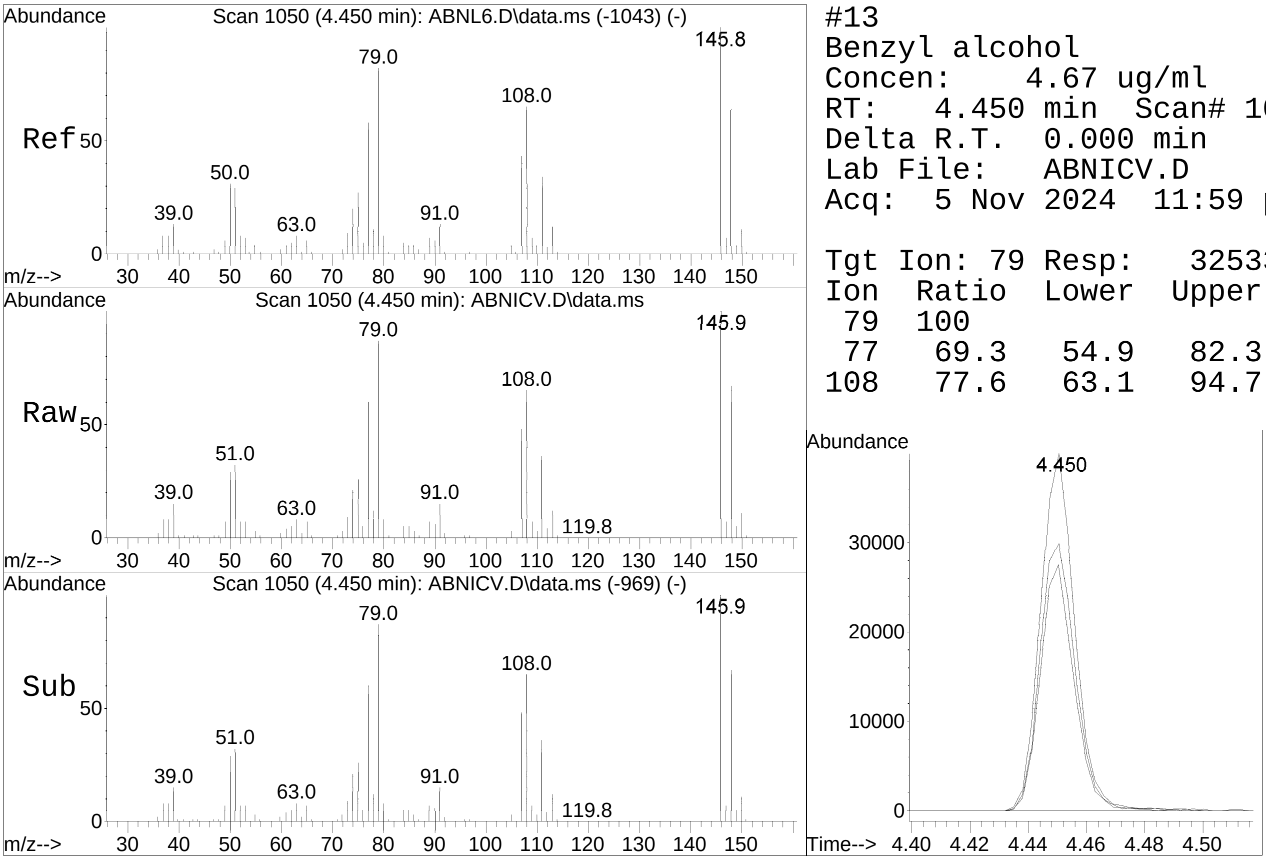


#12
1,2-Dichlorobenzene
Concen: 4.60 ug/ml
RT: 4.447 min Scan# 1049
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:146 Resp: 52815

Ion	Ratio	Lower	Upper
146	100		
111	36.7	34.6	52.0
148	65.0	50.2	75.4

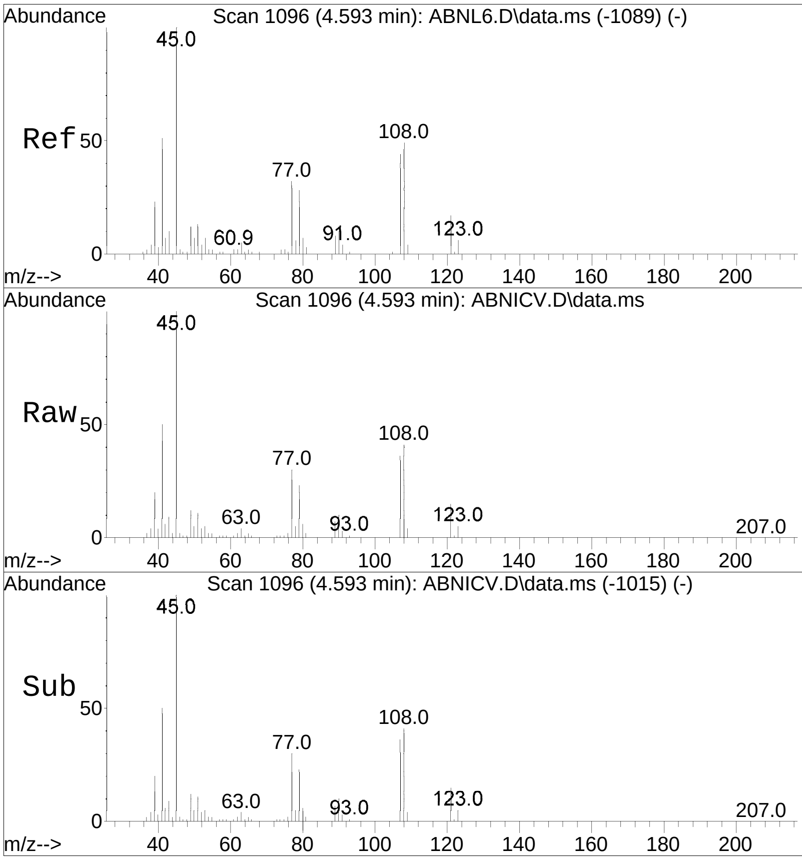




#13
Benzyl alcohol
Concen: 4.67 ug/ml
RT: 4.450 min Scan# 1050
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 79 Resp: 32533

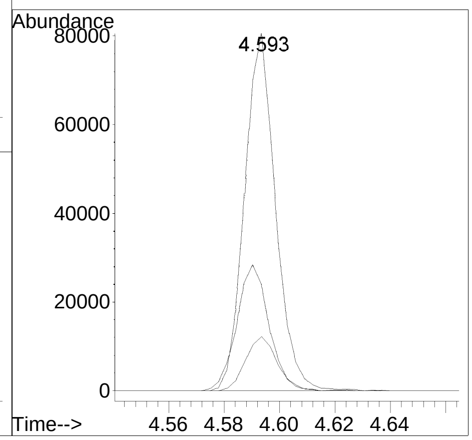
Ion	Ratio	Lower	Upper
79	100		
77	69.3	54.9	82.3
108	77.6	63.1	94.7

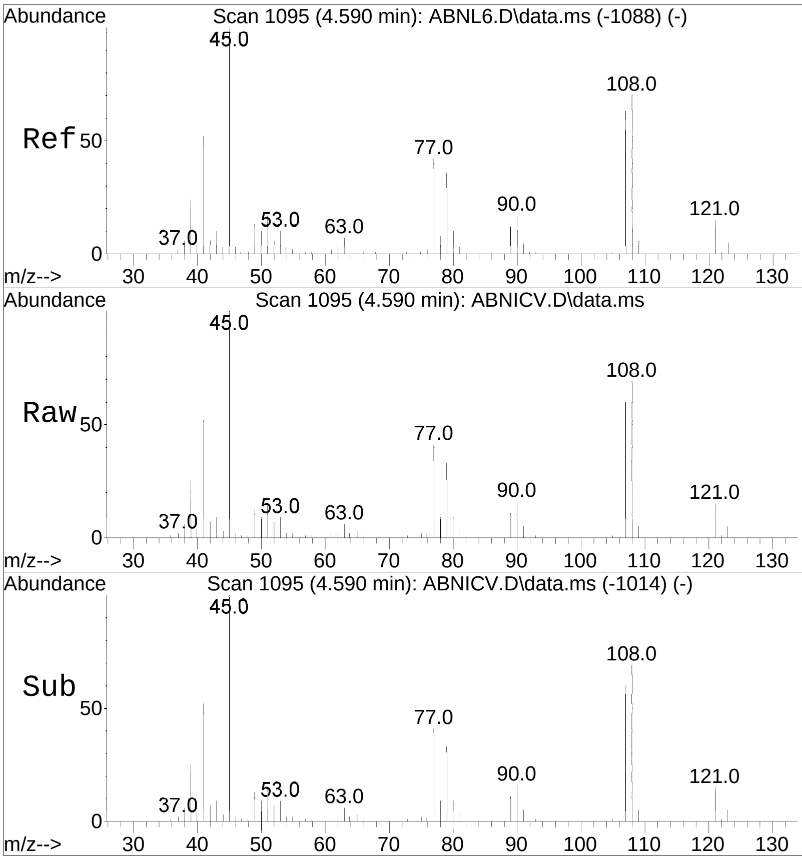


#14
Bis(2-chloroisopropyl)ether
Concen: 4.66 ug/ml
RT: 4.593 min Scan# 1096
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 45 Resp: 62522

Ion	Ratio	Lower	Upper
45	100		
121	15.5	9.8	14.6#
77	36.9	6.1	9.1#

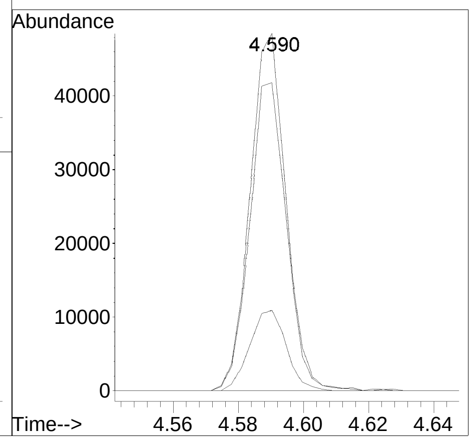


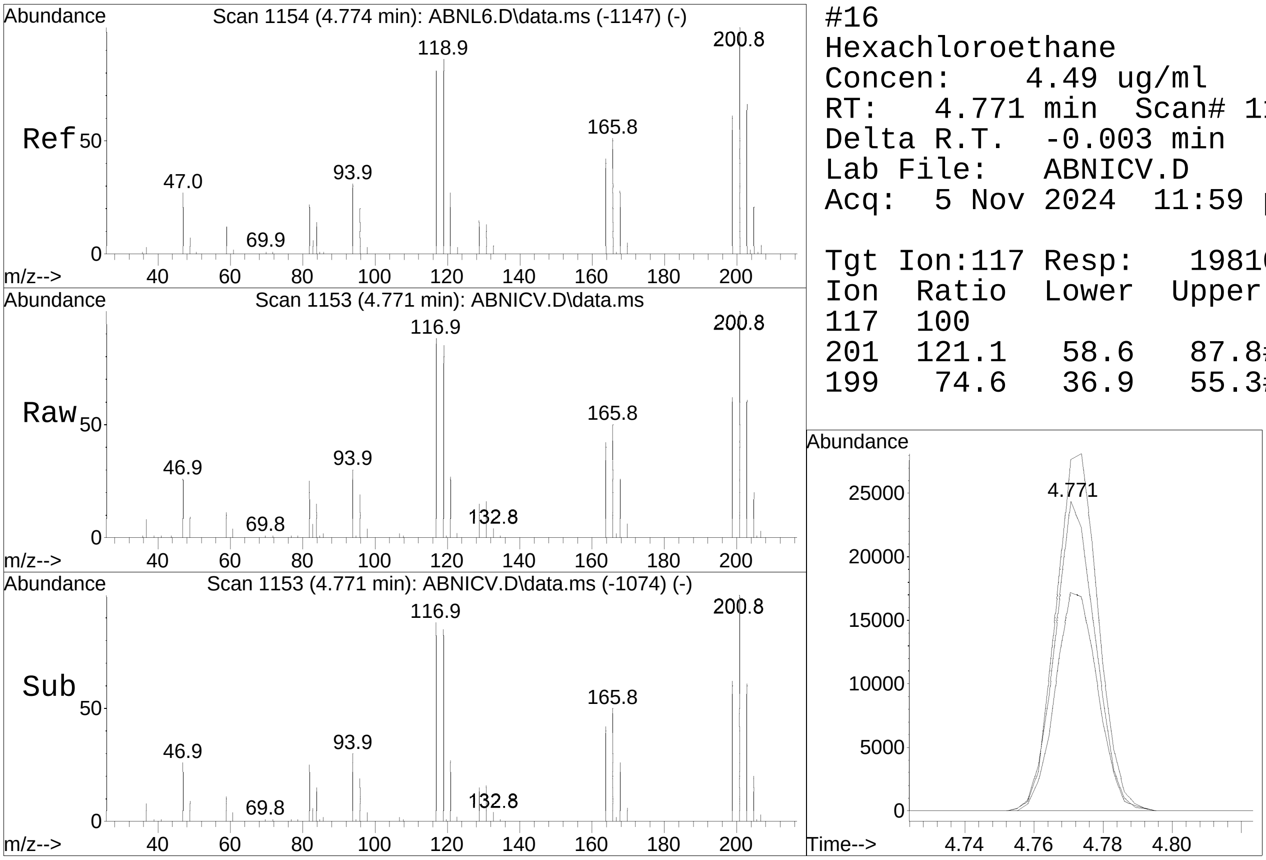


#15
2-Methylphenol
Concen: 4.59 ug/ml
RT: 4.590 min Scan# 1095
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:108 Resp: 37053

Ion	Ratio	Lower	Upper
108	100		
107	88.3	70.7	106.1
90	22.9	18.7	28.1

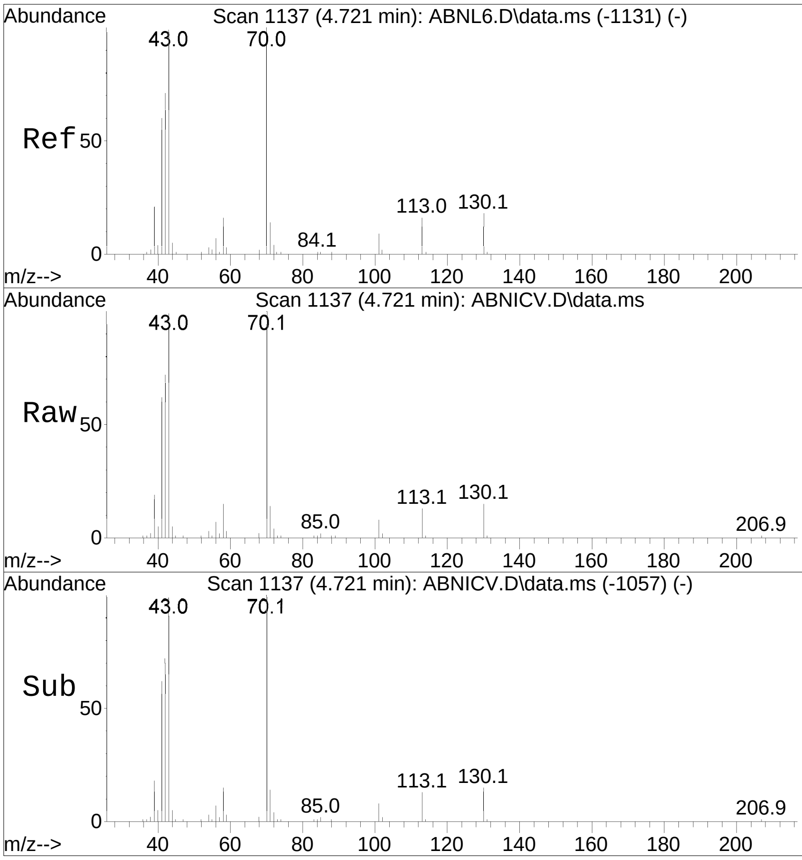




#16
Hexachloroethane
Concen: 4.49 ug/ml
RT: 4.771 min Scan# 1153
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:117 Resp: 19810

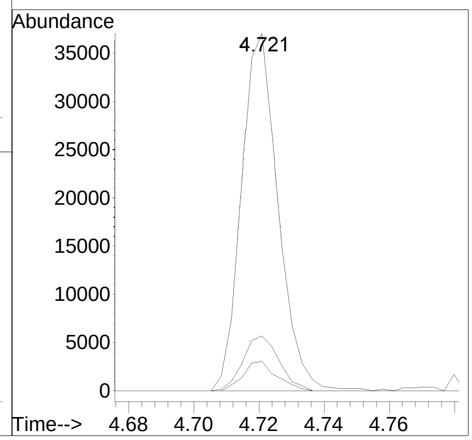
Ion	Ratio	Lower	Upper
117	100		
201	121.1	58.6	87.8#
199	74.6	36.9	55.3#

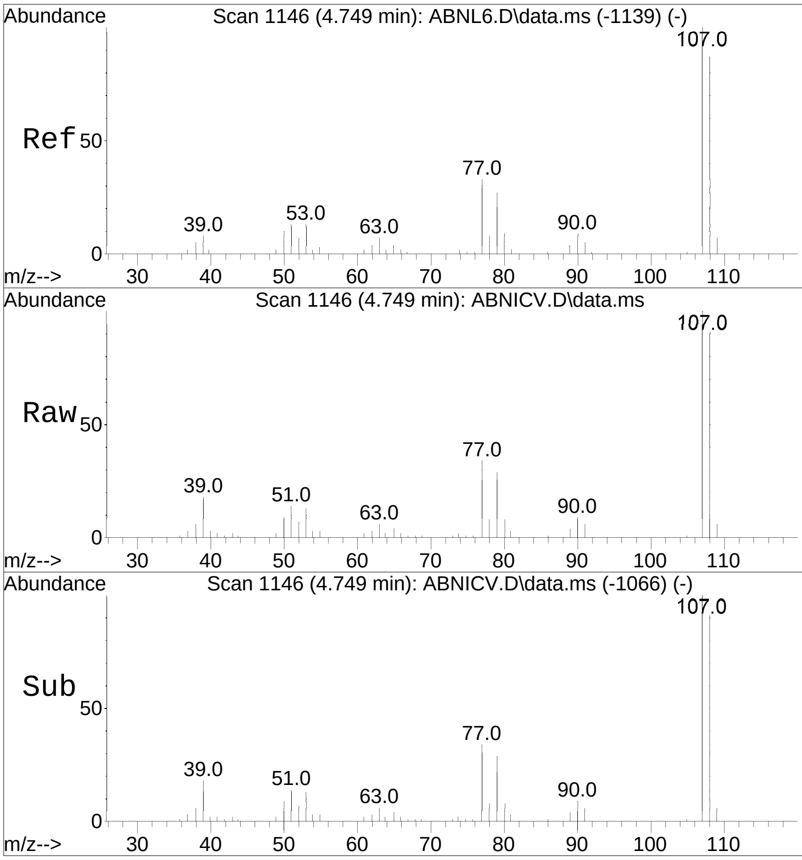


#17
n-Nitrosodi-n-propylamine
Concen: 4.48 ug/ml
RT: 4.721 min Scan# 1137
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 70 Resp: 28948

Ion	Ratio	Lower	Upper
70	100		
130	15.1	18.2	27.4#
101	7.5	7.8	11.8#

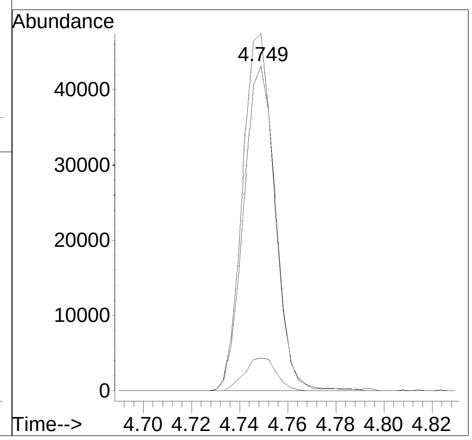


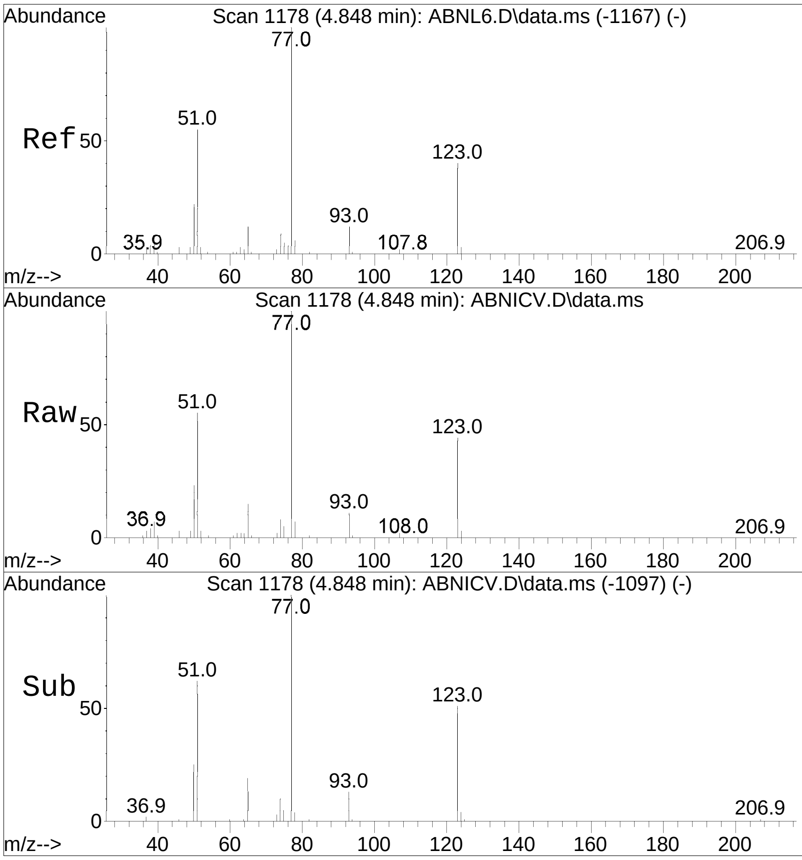


#18
3-Methylphenol/4-Methylphenol
Concen: 4.49 ug/ml
RT: 4.749 min Scan# 1146
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:108 Resp: 39726

Ion	Ratio	Lower	Upper
108	100		
107	110.8	88.6	132.8
90	10.1	8.8	13.2

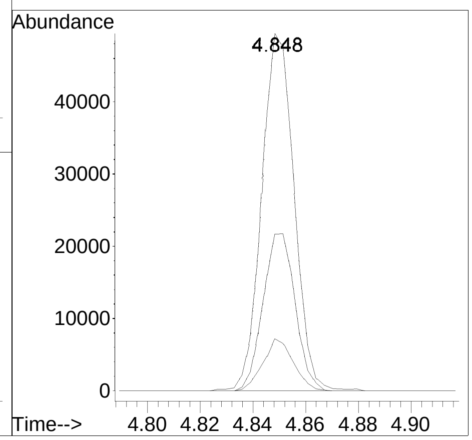


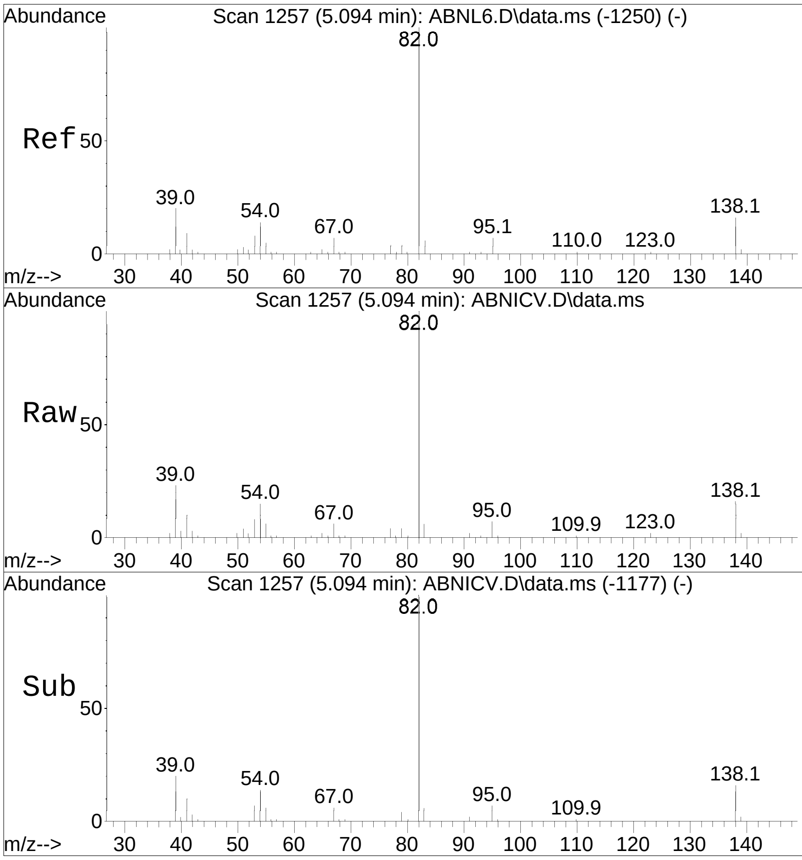


#20
Nitrobenzene
Concen: 4.59 ug/ml
RT: 4.848 min Scan# 1178
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 77 Resp: 42031

Ion	Ratio	Lower	Upper
77	100		
123	43.6	36.3	54.5
65	13.7	11.6	17.4

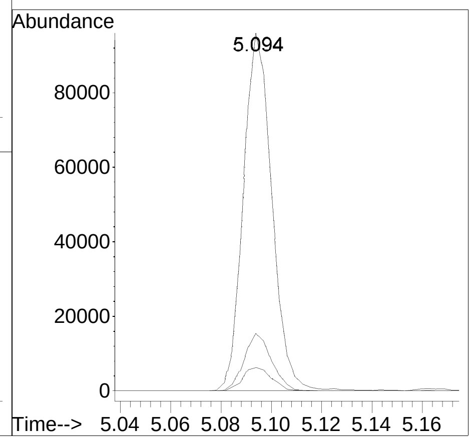


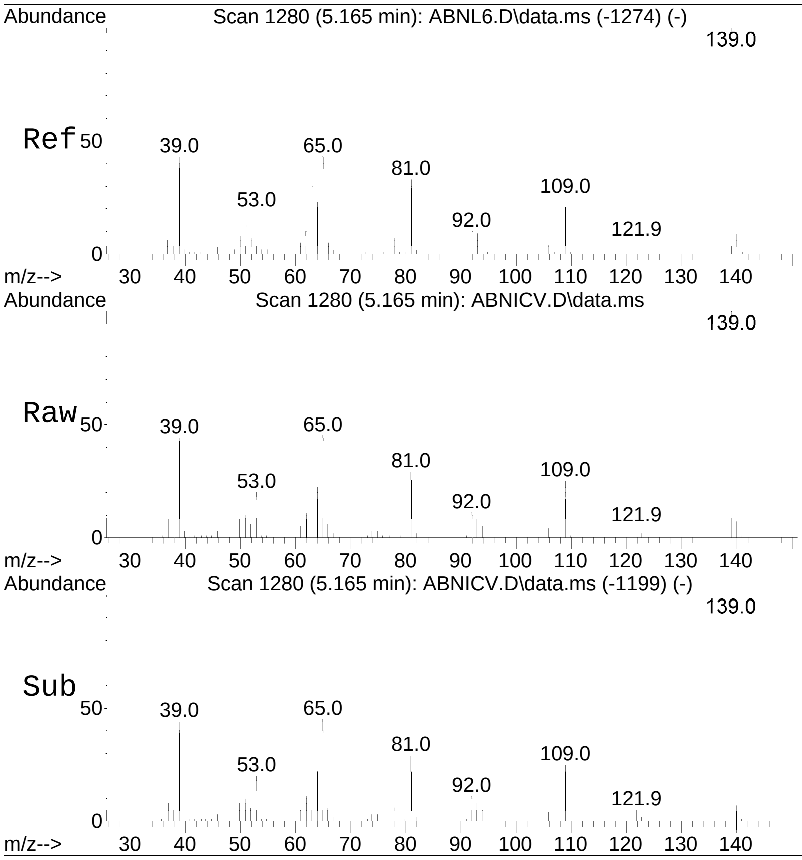


#21
Isophorone
Concen: 4.48 ug/ml
RT: 5.094 min Scan# 1257
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 82 Resp: 75307

Ion	Ratio	Lower	Upper
82	100		
138	15.4	14.7	22.1
95	6.7	5.2	7.8

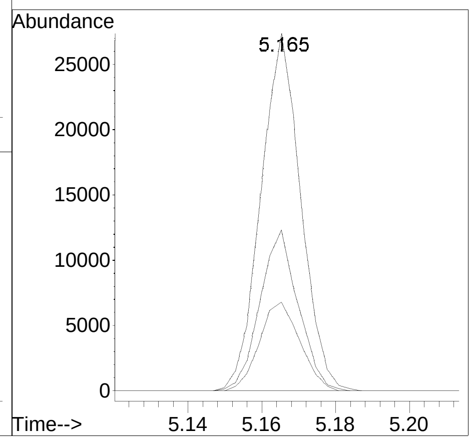


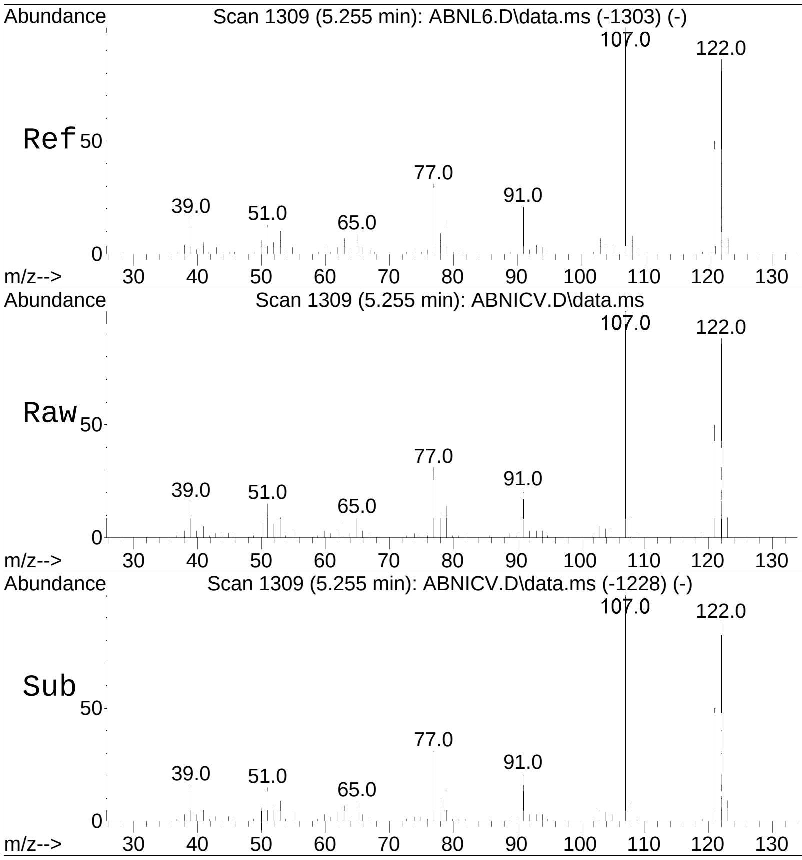


#22
2-Nitrophenol
Concen: 4.42 ug/ml
RT: 5.165 min Scan# 1280
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:139 Resp: 20467

Ion	Ratio	Lower	Upper
139	100		
109	25.3	19.4	29.0
65	43.3	46.1	69.1#

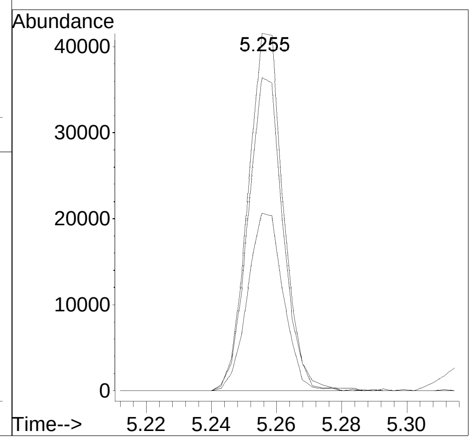


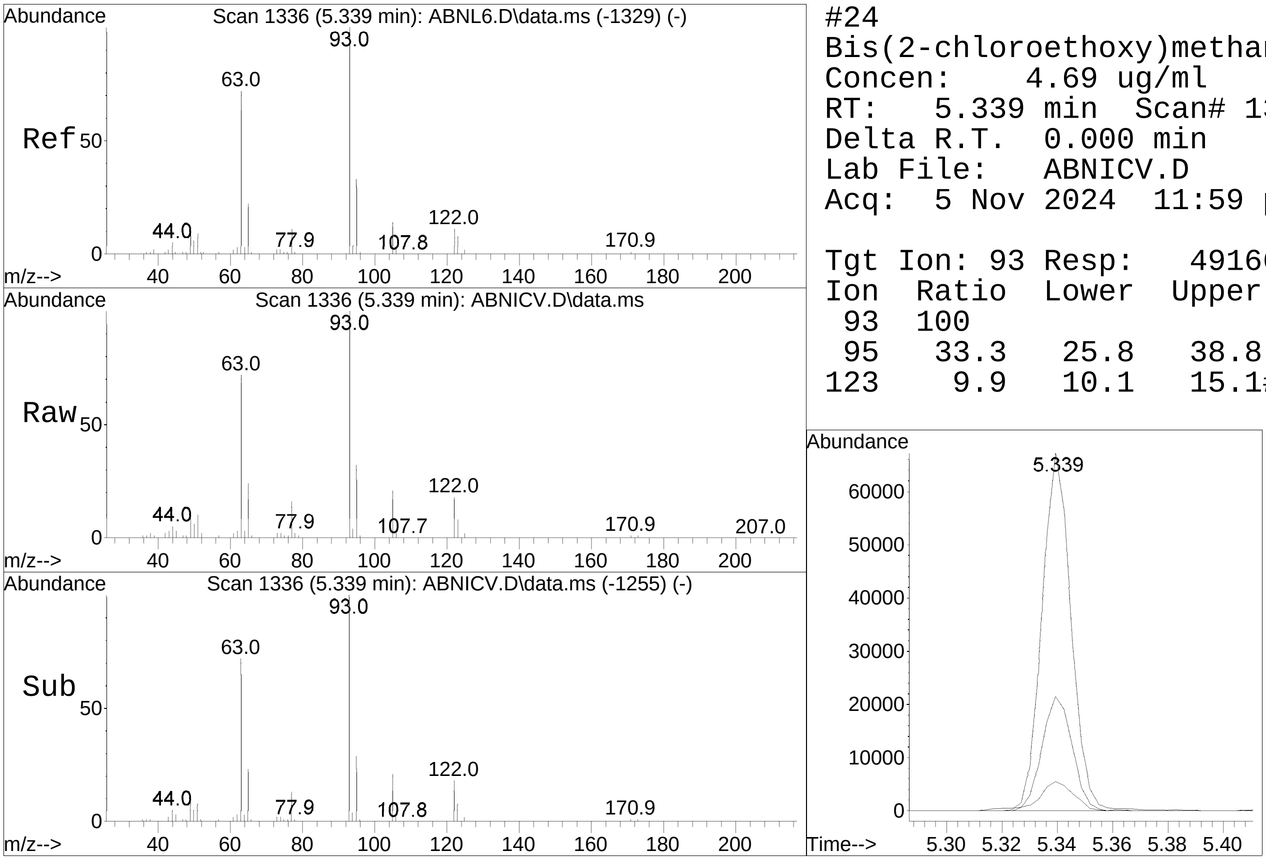


#23
2,4-Dimethylphenol
Concen: 3.79 ug/ml
RT: 5.255 min Scan# 1309
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:107 Resp: 31220

Ion	Ratio	Lower	Upper
107	100		
121	50.5	40.0	60.0
122	87.0	70.2	105.4

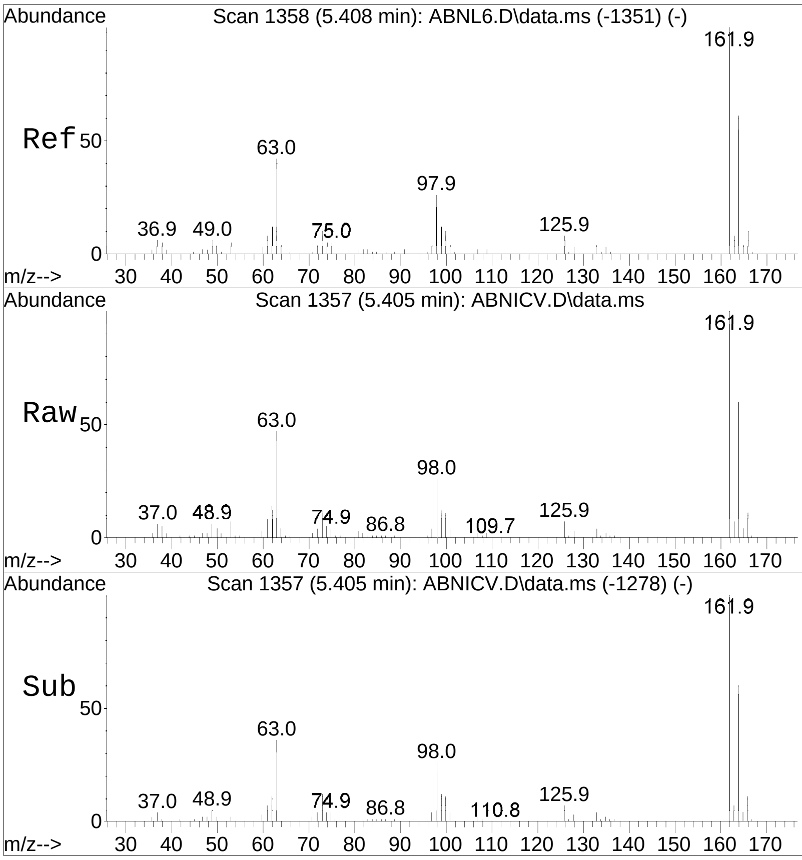




#24
Bis(2-chloroethoxy)methane
Concen: 4.69 ug/ml
RT: 5.339 min Scan# 1336
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 93 Resp: 49166

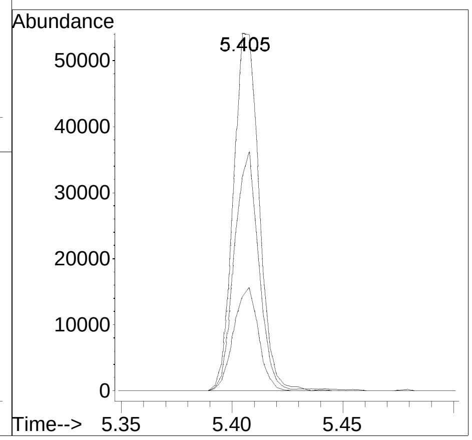
Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.8	38.8
123	9.9	10.1	15.1#

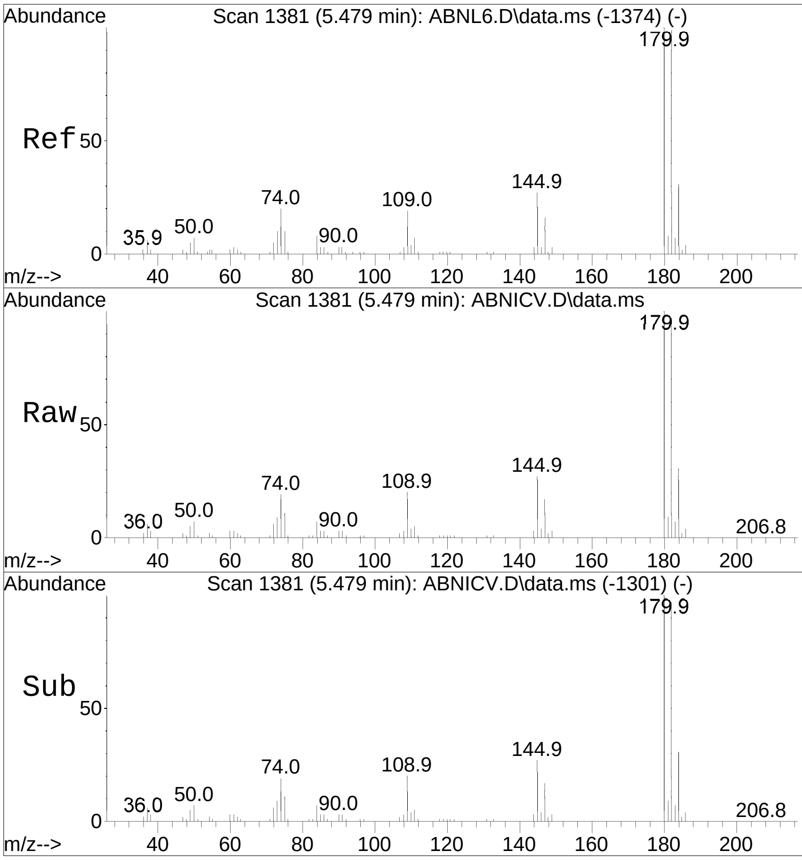


#25
2,4-Dichlorophenol
Concen: 4.55 ug/ml
RT: 5.405 min Scan# 1357
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:162 Resp: 43788

Ion	Ratio	Lower	Upper
162	100		
164	63.2	51.0	76.4
98	27.9	32.2	48.2#

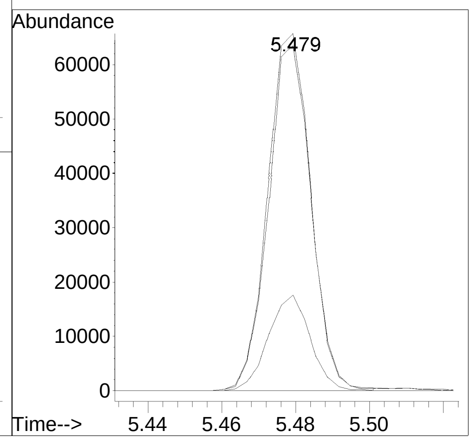


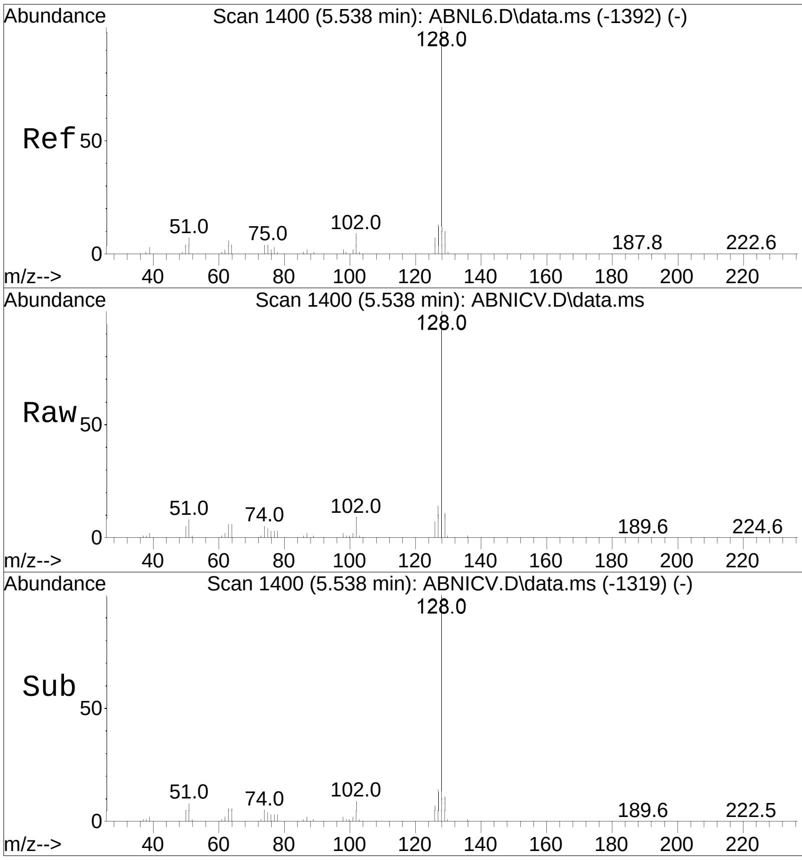


#26
1,2,4-Trichlorobenzene
Concen: 4.56 ug/ml
RT: 5.479 min Scan# 1381
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:180 Resp: 53081

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	26.1	25.7	38.5

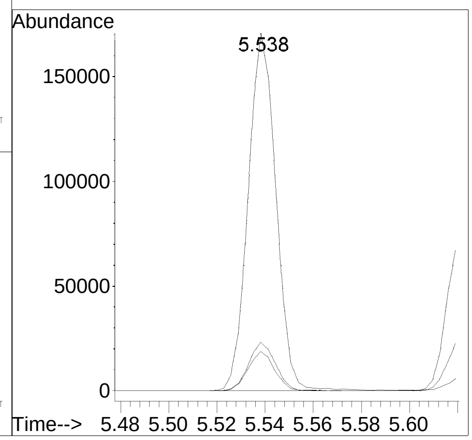


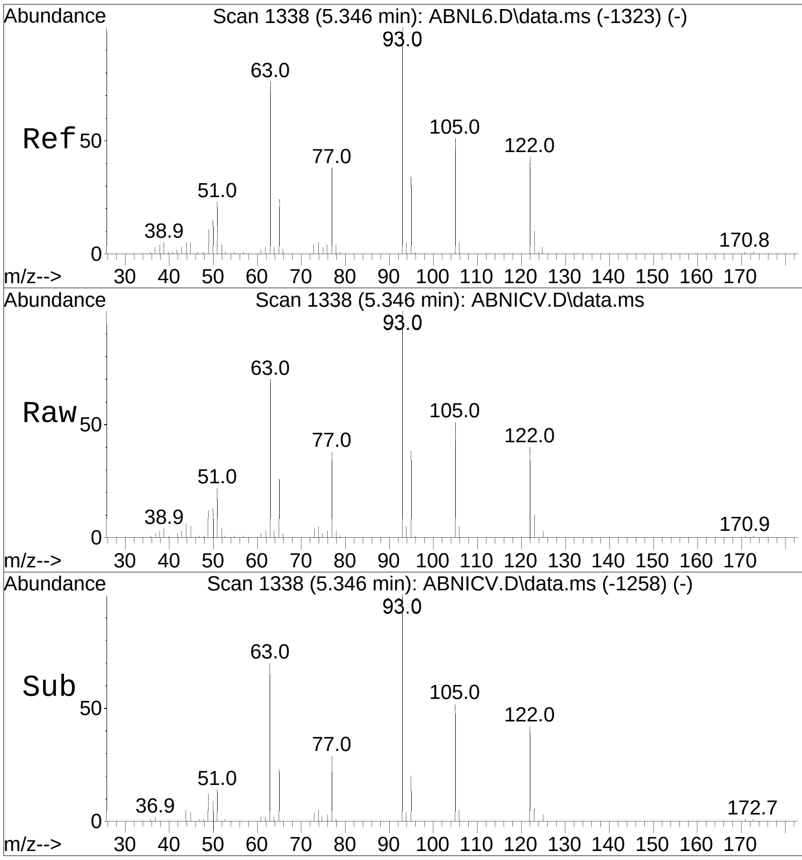


#38
Naphthalene
Concen: 4.45 ug/ml
RT: 5.538 min Scan# 1400
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:128 Resp: 136778

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.2	10.3	15.5

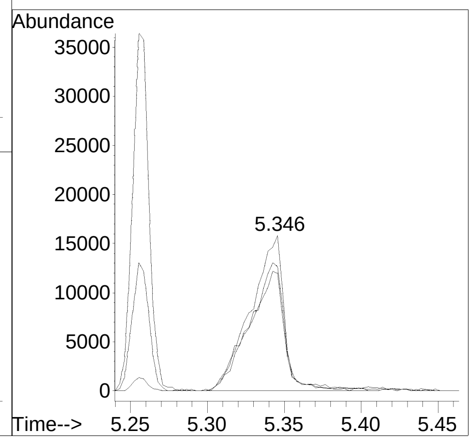


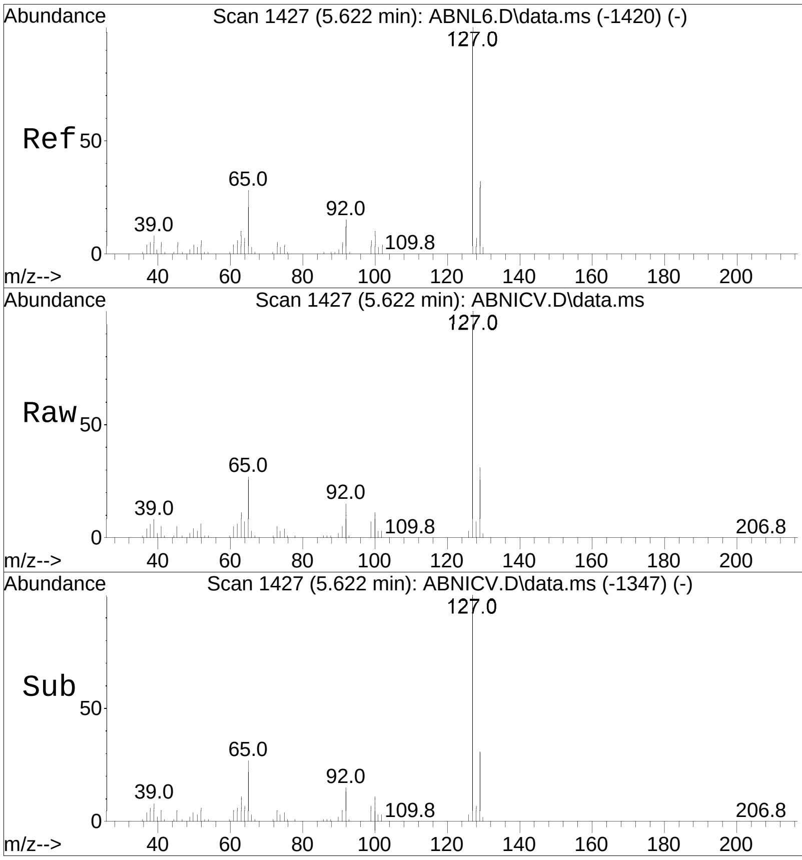


#39
Benzoic Acid
Concen: 3.83 ug/ml
RT: 5.346 min Scan# 1338
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:105 Resp: 24373

Ion	Ratio	Lower	Upper
105	100		
122	85.1	59.9	89.9
77	78.7	60.1	90.1

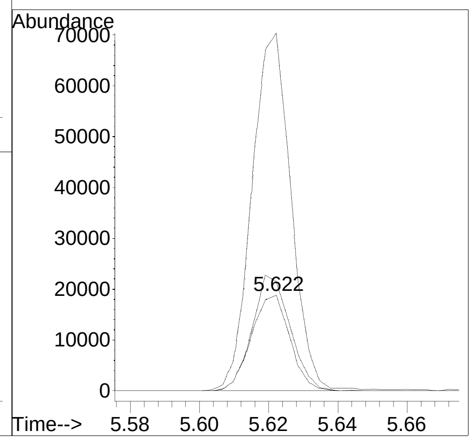


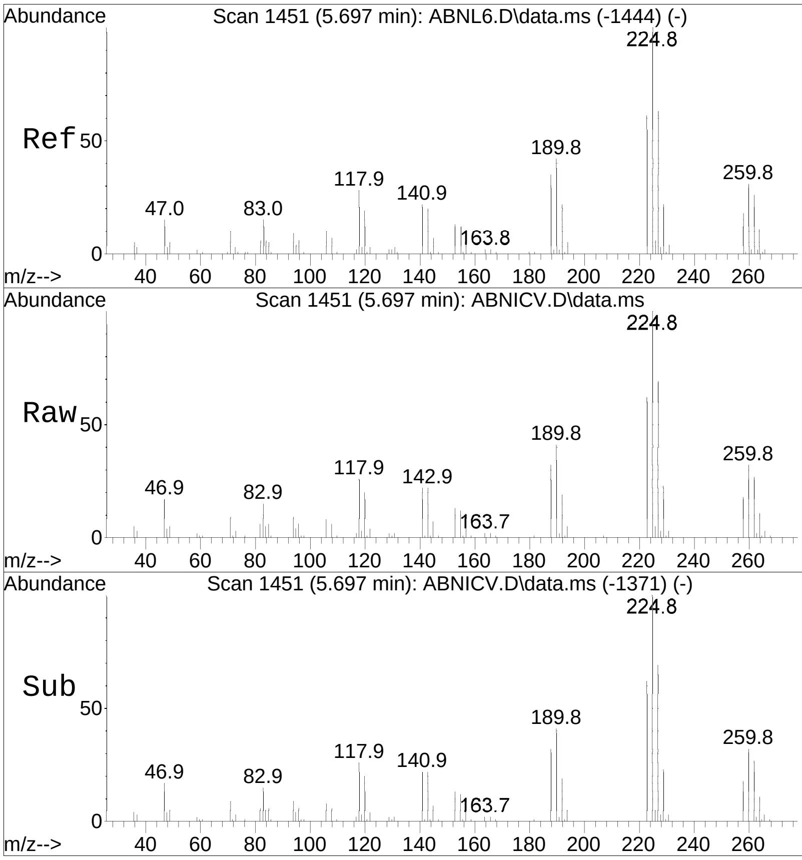


#40
4-Chloroaniline
Concen: 4.31 ug/ml
RT: 5.622 min Scan# 1427
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 65 Resp: 14569

Ion	Ratio	Lower	Upper
65	100		
127	377.7	237.6	356.4#
129	118.8	76.3	114.5#

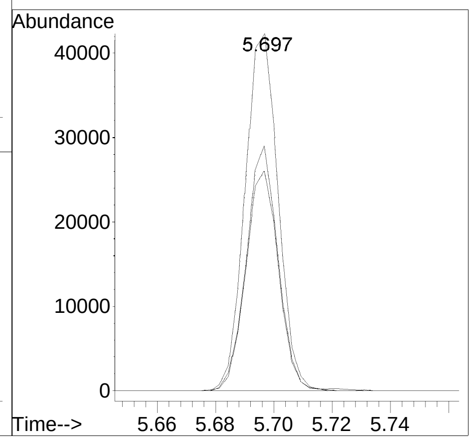


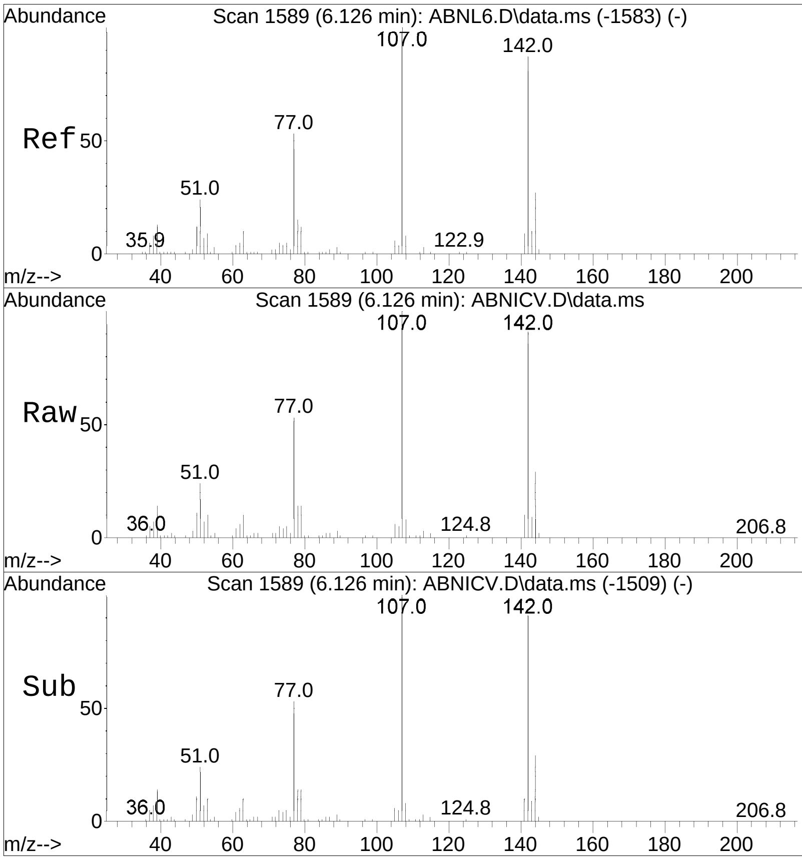


#41
Hexachlorobutadiene
Concen: 4.65 ug/ml
RT: 5.697 min Scan# 1451
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:225 Resp: 33536

Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.3	75.5
227	65.3	52.2	78.2

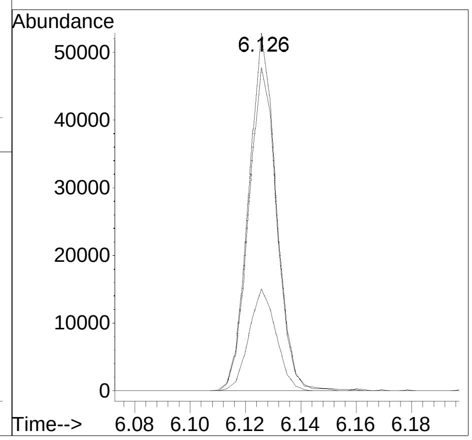


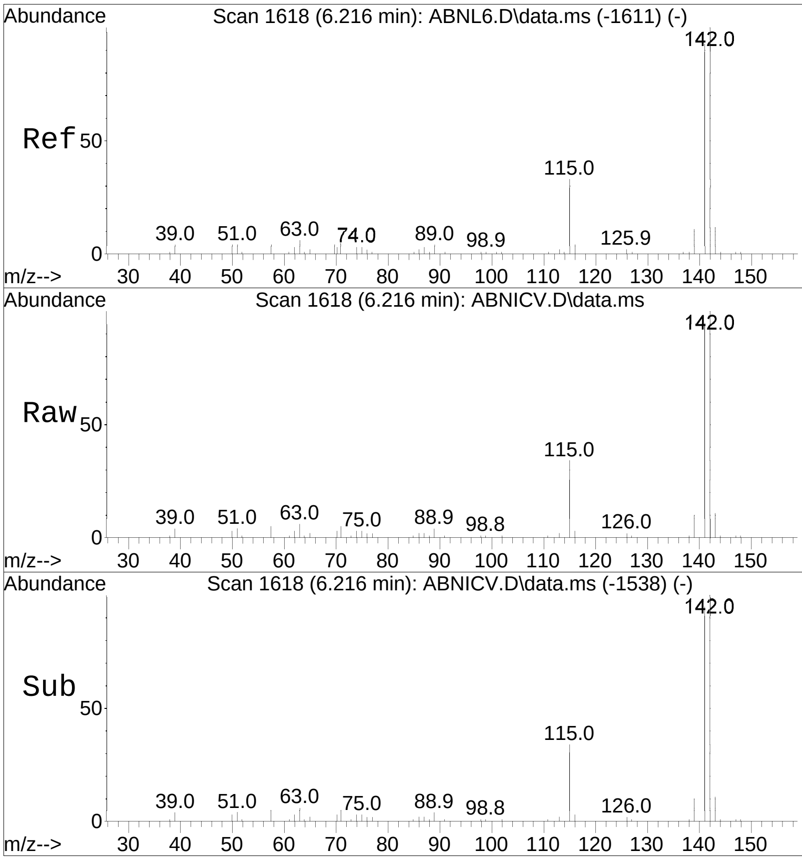


#42
p-Chloro-m-cresol
Concen: 4.51 ug/ml
RT: 6.126 min Scan# 1589
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:107 Resp: 36518

Ion	Ratio	Lower	Upper
107	100		
144	28.1	20.9	31.3
142	92.2	66.1	99.1

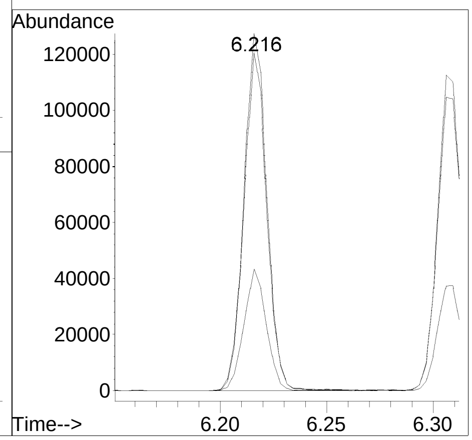


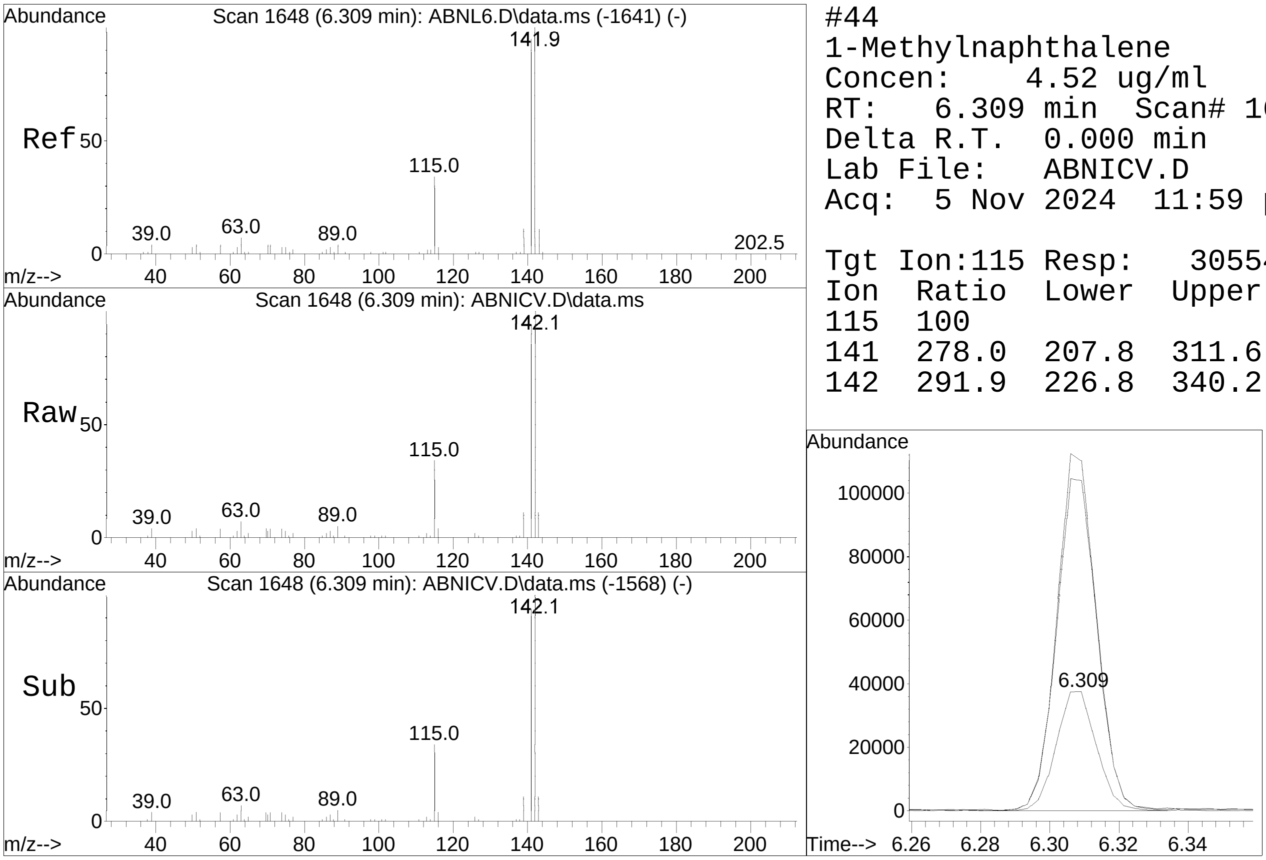


#43
2-Methylnaphthalene
Concen: 4.53 ug/ml
RT: 6.216 min Scan# 1618
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:142 Resp: 96343

Ion	Ratio	Lower	Upper
142	100		
141	93.0	69.6	104.4
115	33.1	26.6	40.0

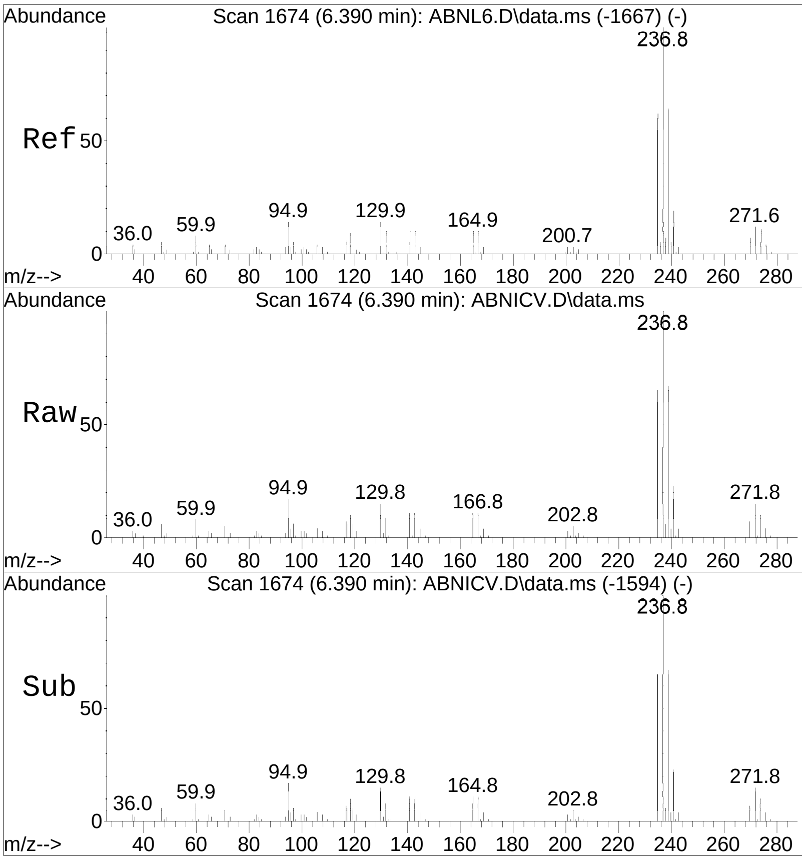




#44
1-Methylnaphthalene
Concen: 4.52 ug/ml
RT: 6.309 min Scan# 1648
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:115 Resp: 30554

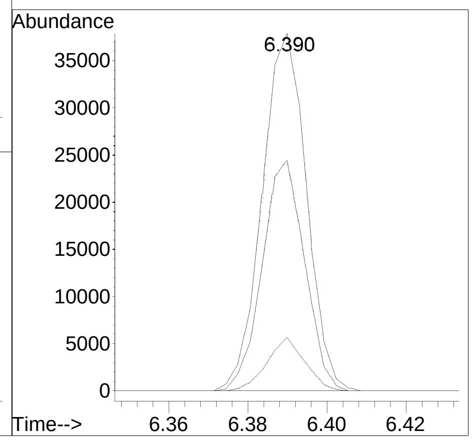
Ion	Ratio	Lower	Upper
115	100		
141	278.0	207.8	311.6
142	291.9	226.8	340.2

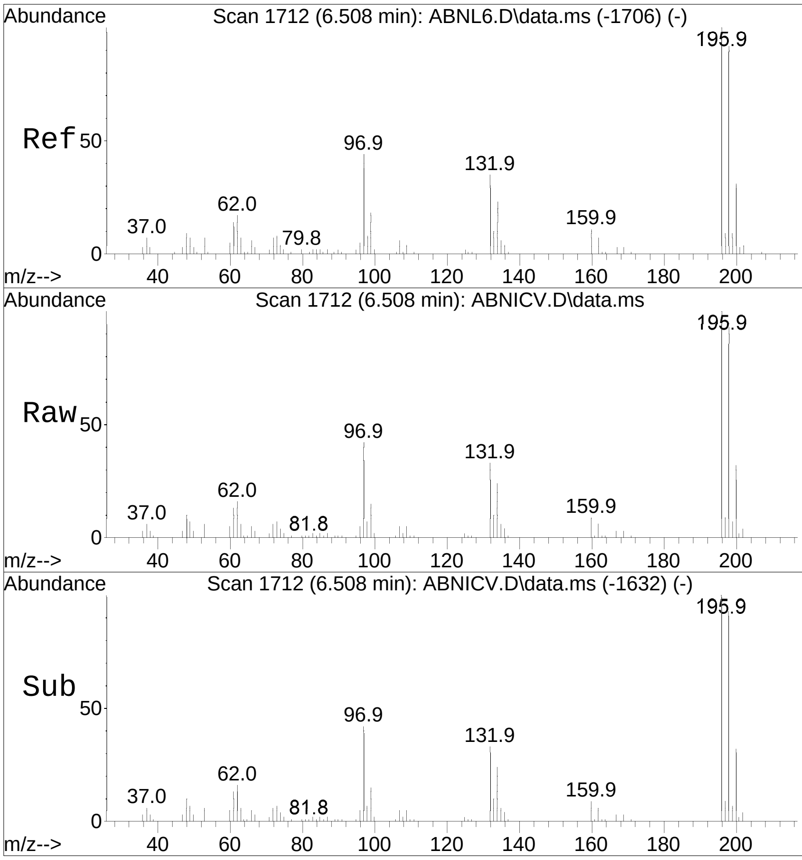


#45
Hexachlorocyclopentadiene
Concen: 3.87 ug/ml
RT: 6.390 min Scan# 1674
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:237 Resp: 29425

Ion	Ratio	Lower	Upper
237	100		
235	61.8	49.7	74.5
272	12.8	9.8	14.6

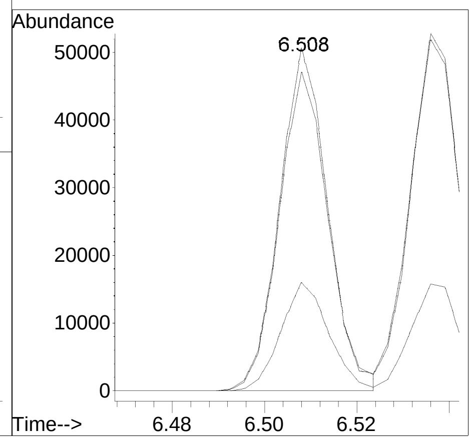


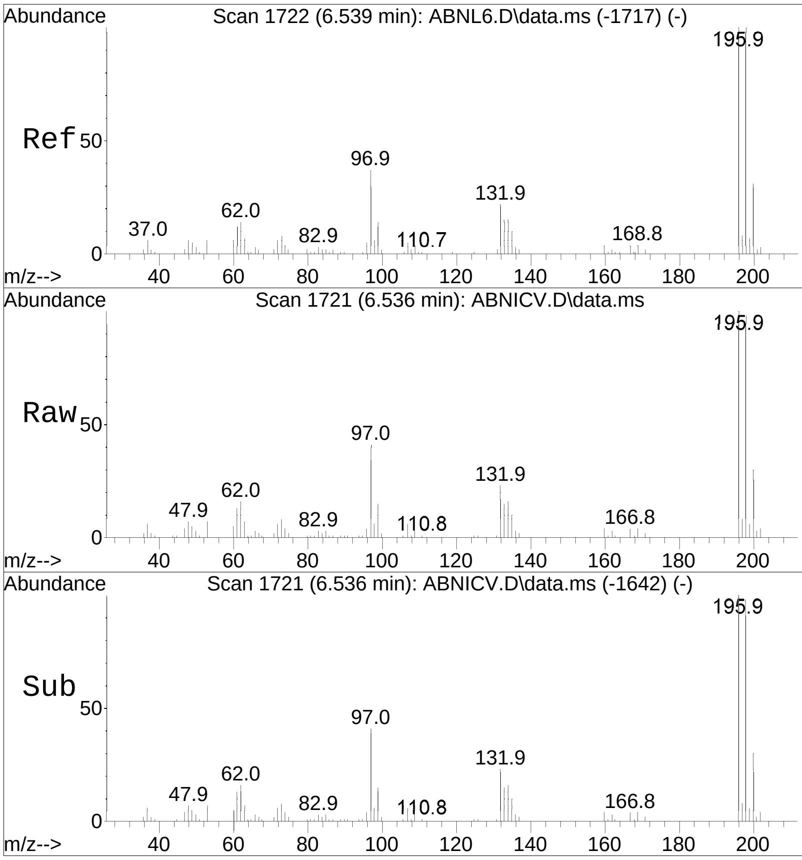


#46
2,4,6-Trichlorophenol
Concen: 4.58 ug/ml
RT: 6.508 min Scan# 1712
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:196 Resp: 36634

Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.5	116.3
200	31.6	23.8	35.6

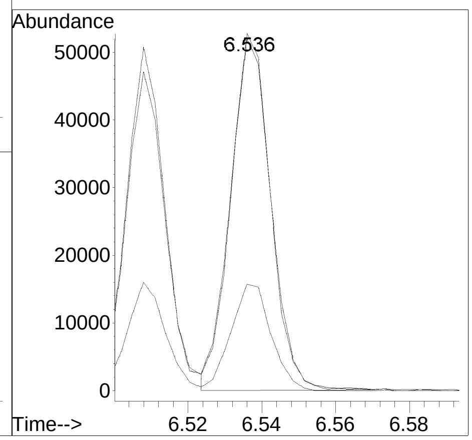


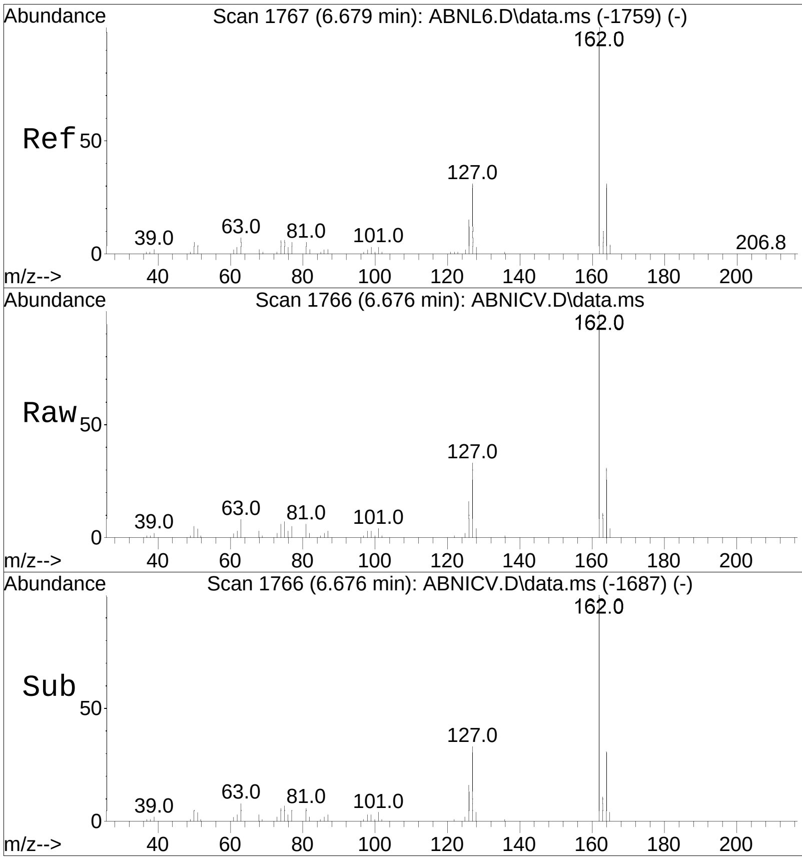


#47
2,4,5-Trichlorophenol
Concen: 4.43 ug/ml
RT: 6.536 min Scan# 1721
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:196 Resp: 39640

Ion	Ratio	Lower	Upper
196	100		
200	30.1	25.4	38.0
198	98.2	78.0	117.0

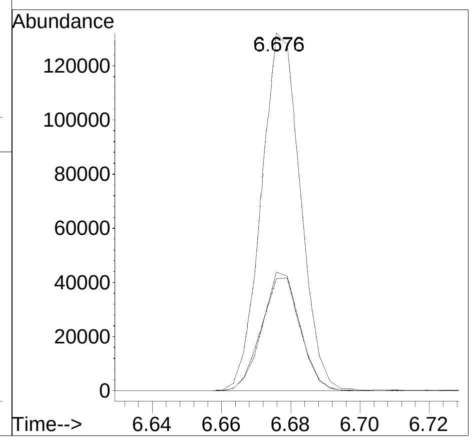


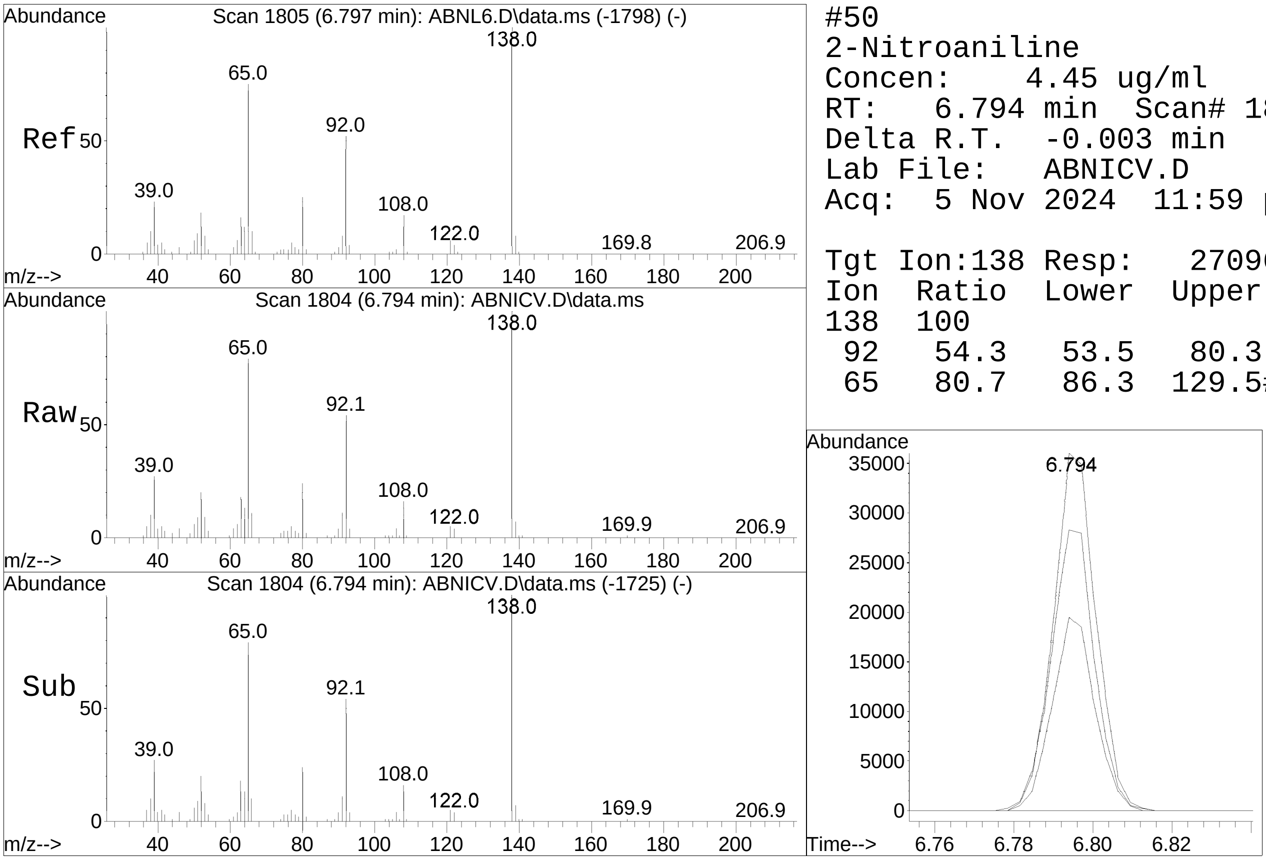


#49
2-Chloronaphthalene
Concen: 4.33 ug/ml
RT: 6.676 min Scan# 1766
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:162 Resp: 103138

Ion	Ratio	Lower	Upper
162	100		
127	32.6	32.2	48.4
164	31.6	25.7	38.5

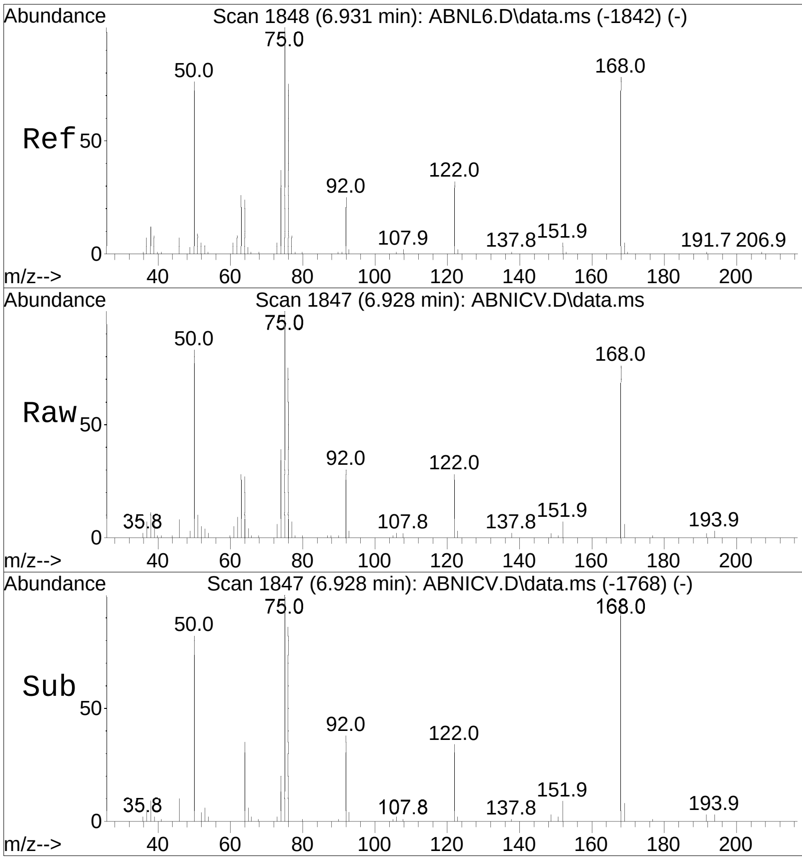




#50
2-Nitroaniline
Concen: 4.45 ug/ml
RT: 6.794 min Scan# 1804
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:138 Resp: 27096

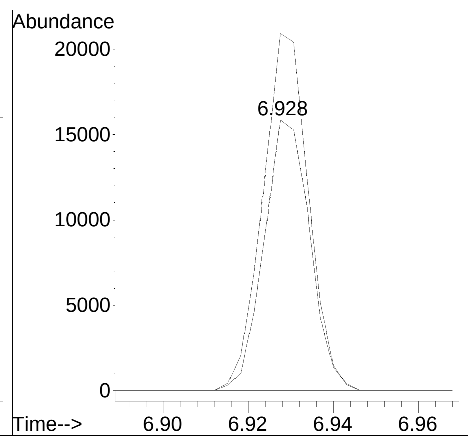
Ion	Ratio	Lower	Upper
138	100		
92	54.3	53.5	80.3
65	80.7	86.3	129.5#

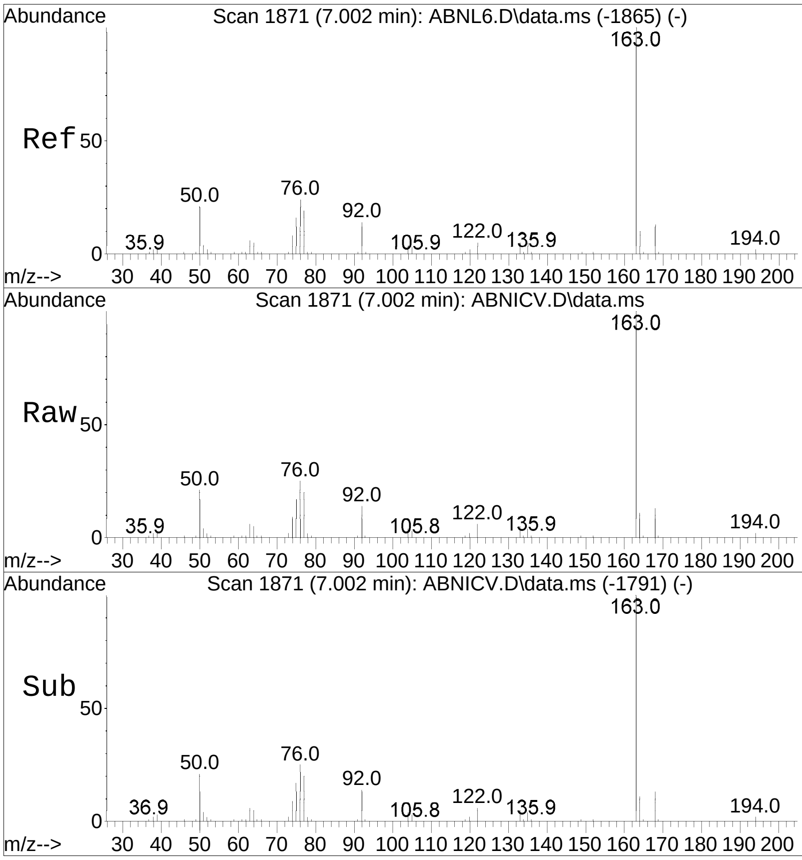


#51
1,4-Dinitrobenzene
Concen: 4.50 ug/ml
RT: 6.928 min Scan# 1847
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:168 Resp: 11911

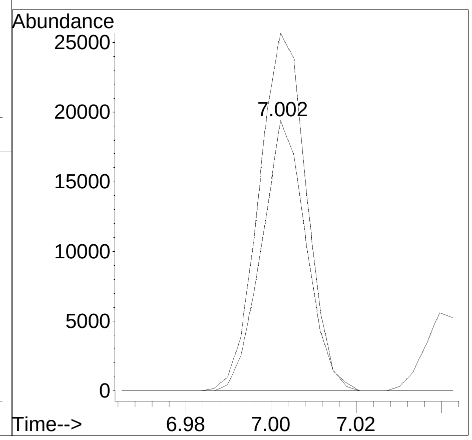
Ion	Ratio	Lower	Upper
168	100		
75	131.0	121.8	182.8

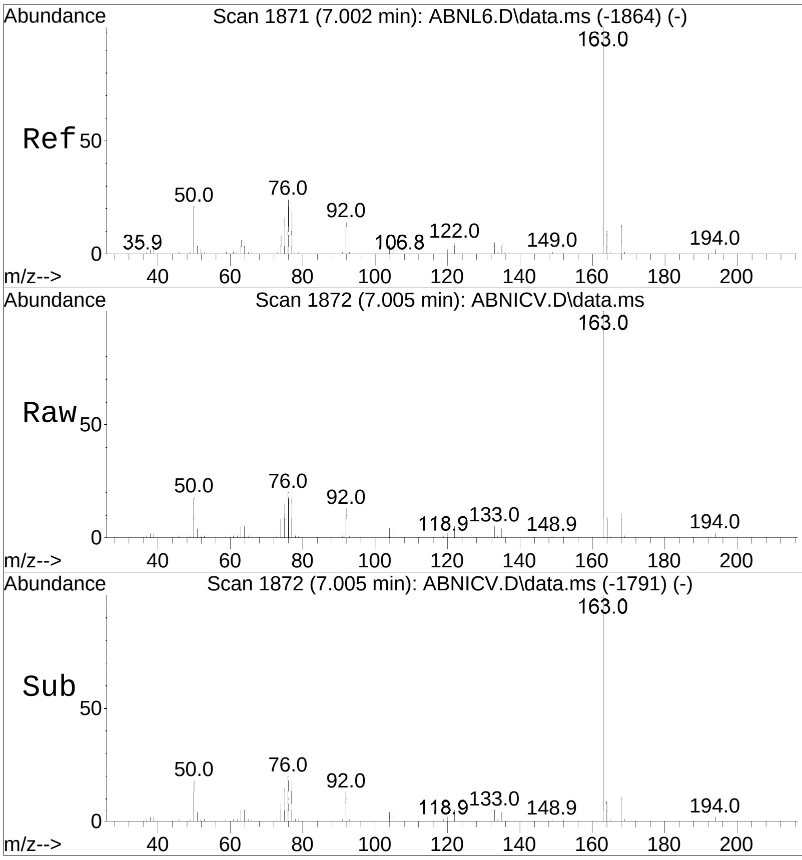





```
#52
1,3-Dinitrobenzene
Concen:    4.43 ug/ml
RT:   7.002 min  Scan# 1871
Delta R.T.  0.000 min
Lab File:   ABNICV.D
Acq:  5 Nov 2024  11:59 pm

Tgt Ion:168 Resp:   14057
Ion  Ratio  Lower  Upper
168  100
 75  141.5   22.7   34.1#
```

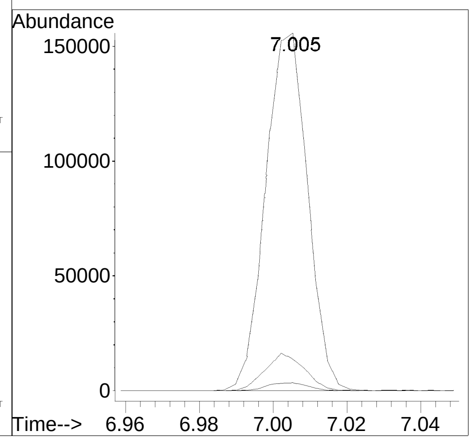


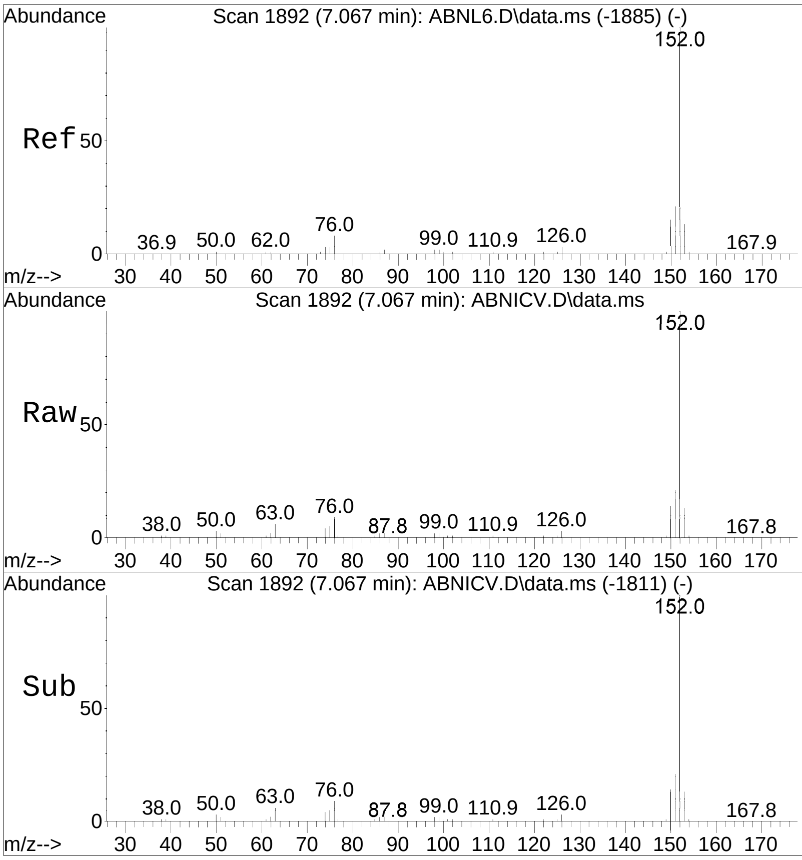


#53
Dimethyl phthalate
Concen: 4.44 ug/ml
RT: 7.005 min Scan# 1872
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:163 Resp: 122829

Ion	Ratio	Lower	Upper
163	100		
194	2.3	3.5	5.3#
164	9.9	7.9	11.9

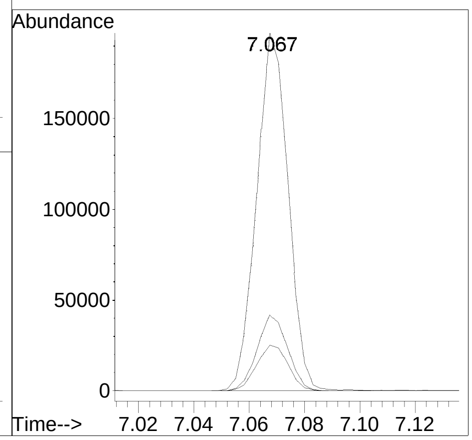


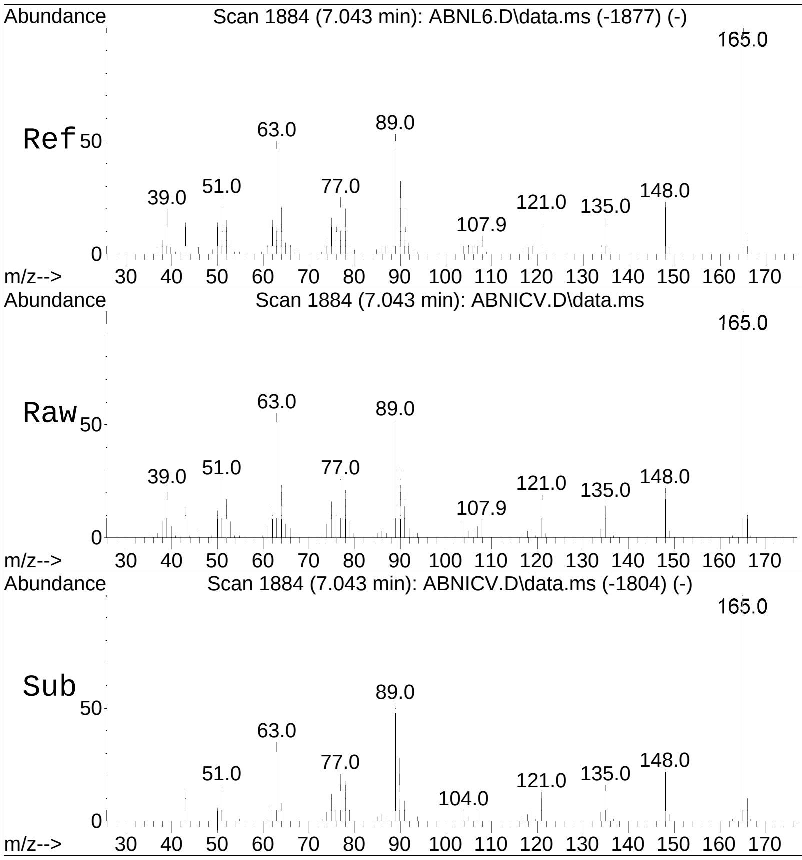


#54
Acenaphthylene
Concen: 4.44 ug/ml
RT: 7.067 min Scan# 1892
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:152 Resp: 155180

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.6
153	12.8	10.5	15.7

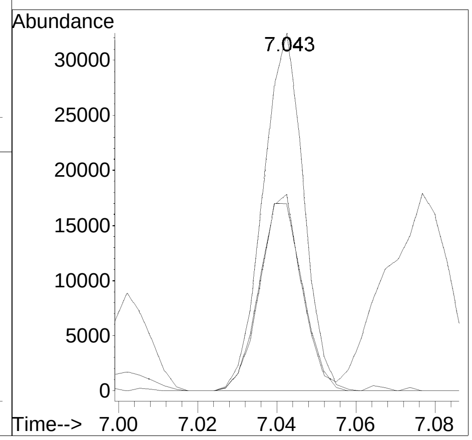


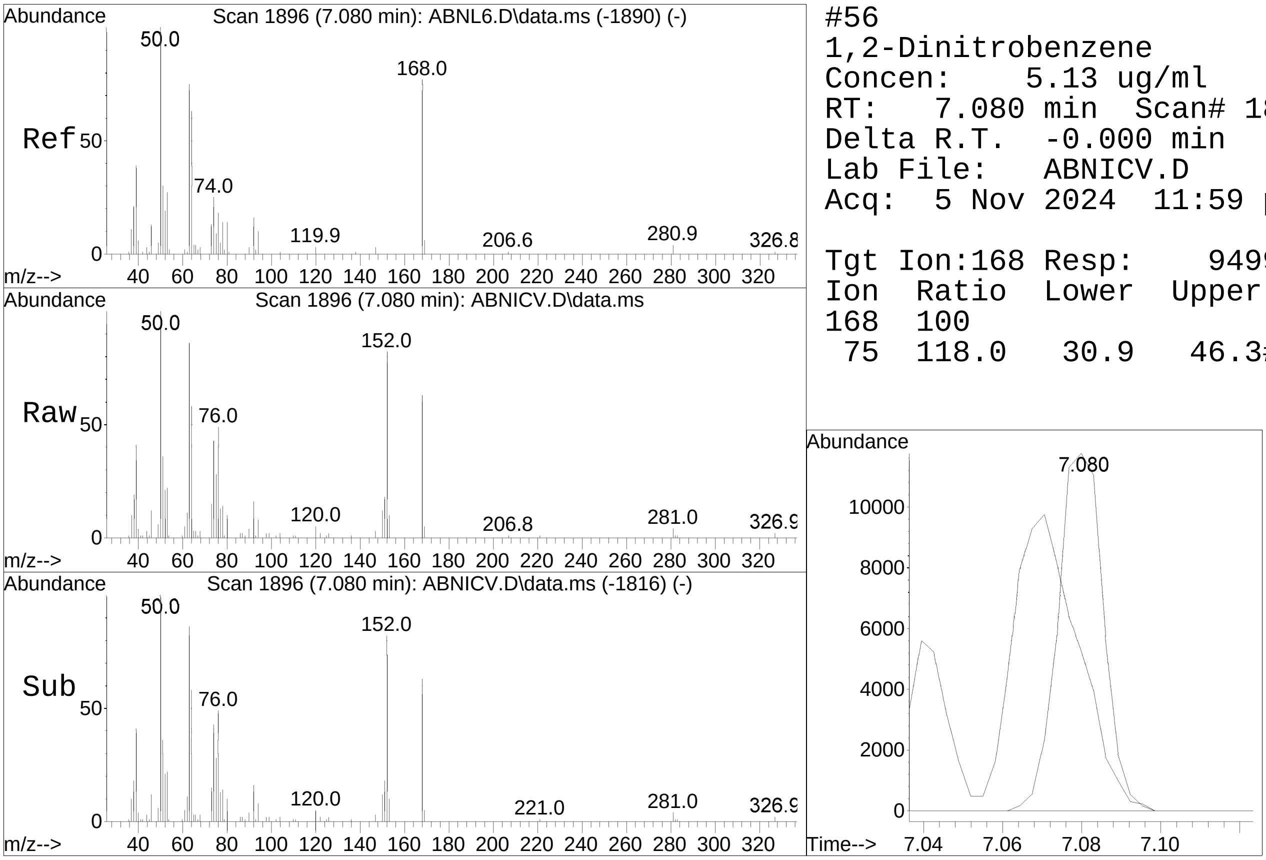


#55
2,6-Dinitrotoluene
Concen: 4.50 ug/ml
RT: 7.043 min Scan# 1884
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:165 Resp: 23242

Ion	Ratio	Lower	Upper
165	100		
89	55.9	54.2	81.2
63	56.7	64.2	96.2#

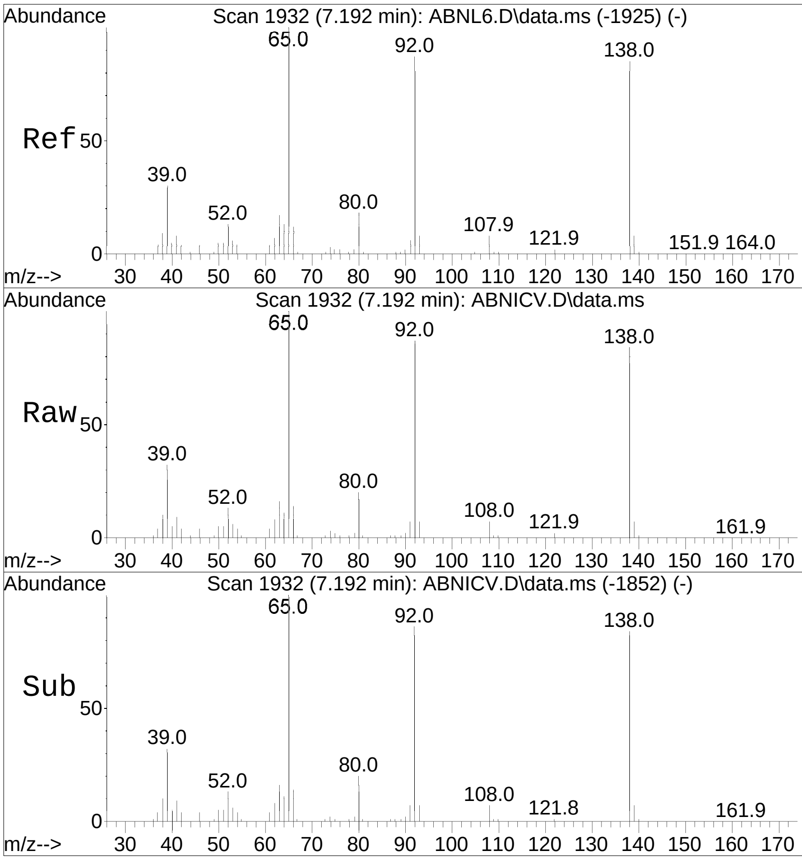




#56
1,2-Dinitrobenzene
Concen: 5.13 ug/ml
RT: 7.080 min Scan# 1896
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:168 Resp: 9499

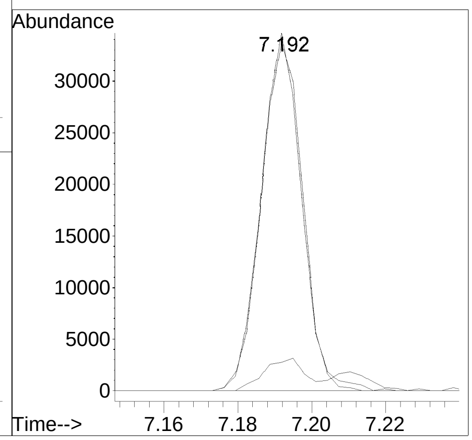
Ion	Ratio	Lower	Upper
168	100		
75	118.0	30.9	46.3#

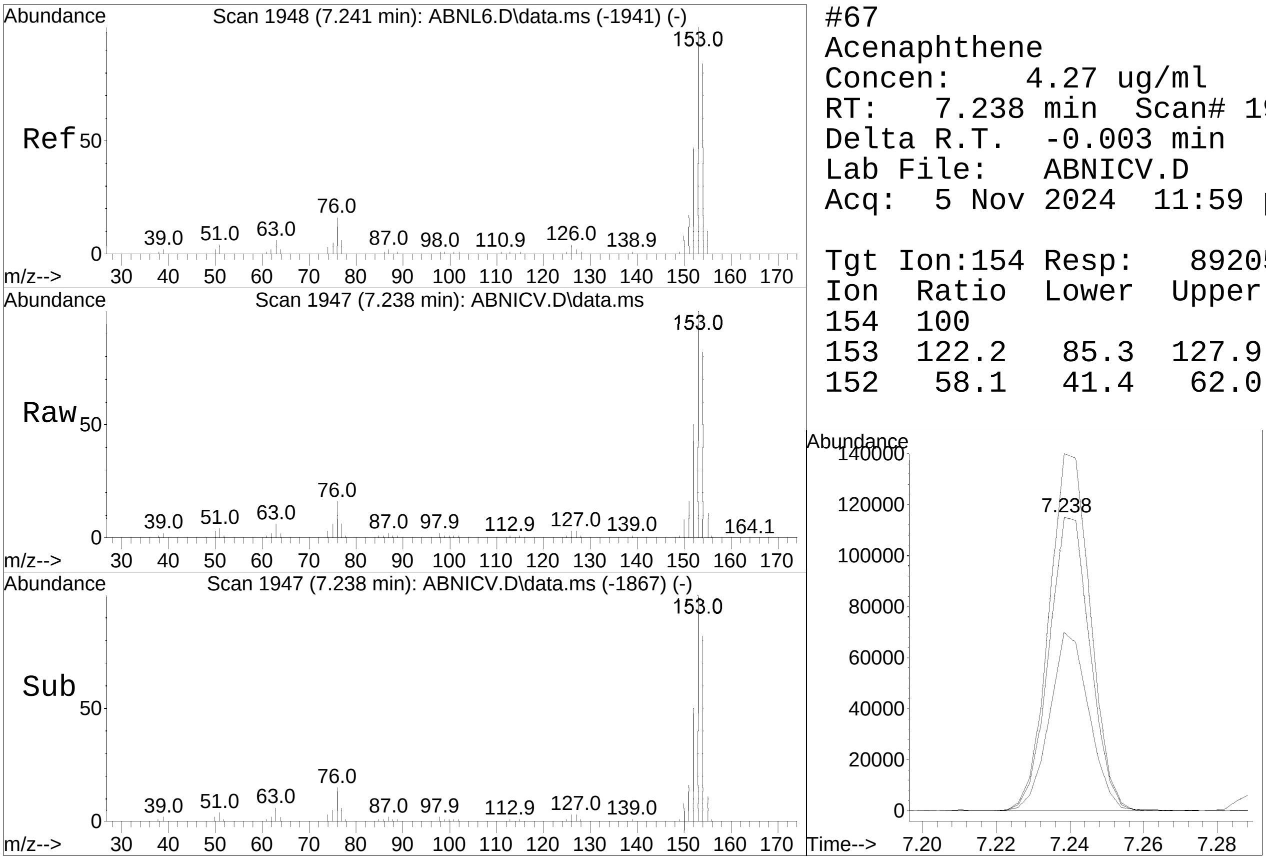


#66
3-Nitroaniline
Concen: 4.70 ug/ml
RT: 7.192 min Scan# 1932
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:138 Resp: 26098

Ion	Ratio	Lower	Upper
138	100		
92	100.6	93.4	140.2
108	9.1	9.5	14.3#

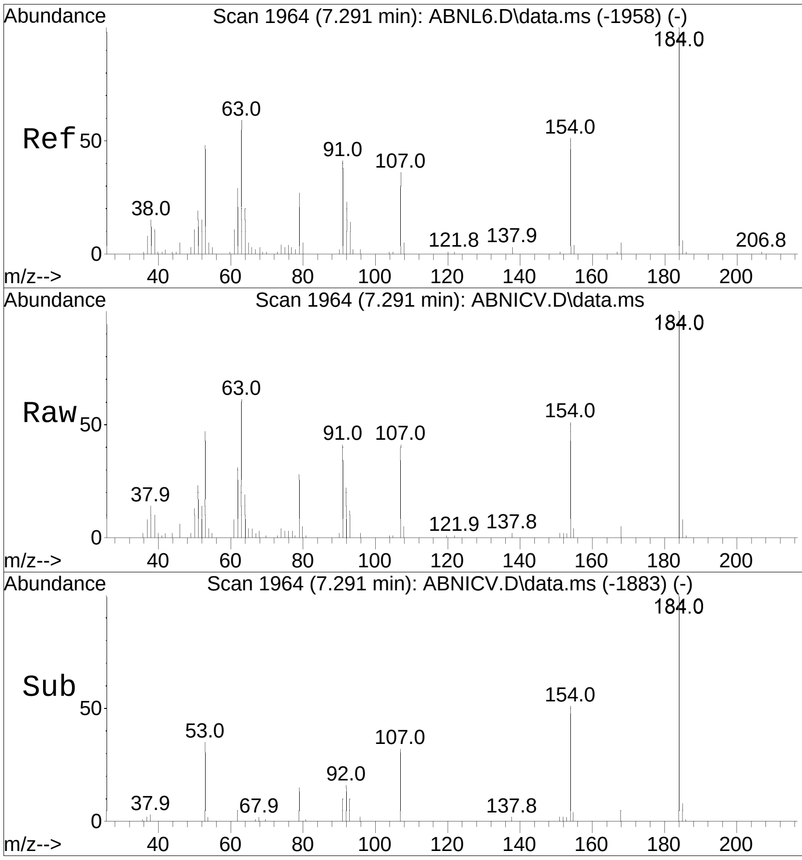




#67
Acenaphthene
Concen: 4.27 ug/ml
RT: 7.238 min Scan# 1947
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:154 Resp: 89205

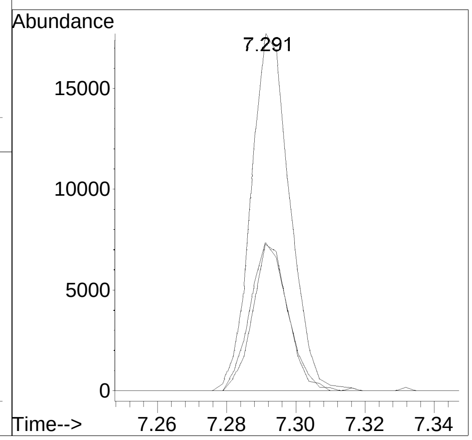
Ion	Ratio	Lower	Upper
154	100		
153	122.2	85.3	127.9
152	58.1	41.4	62.0

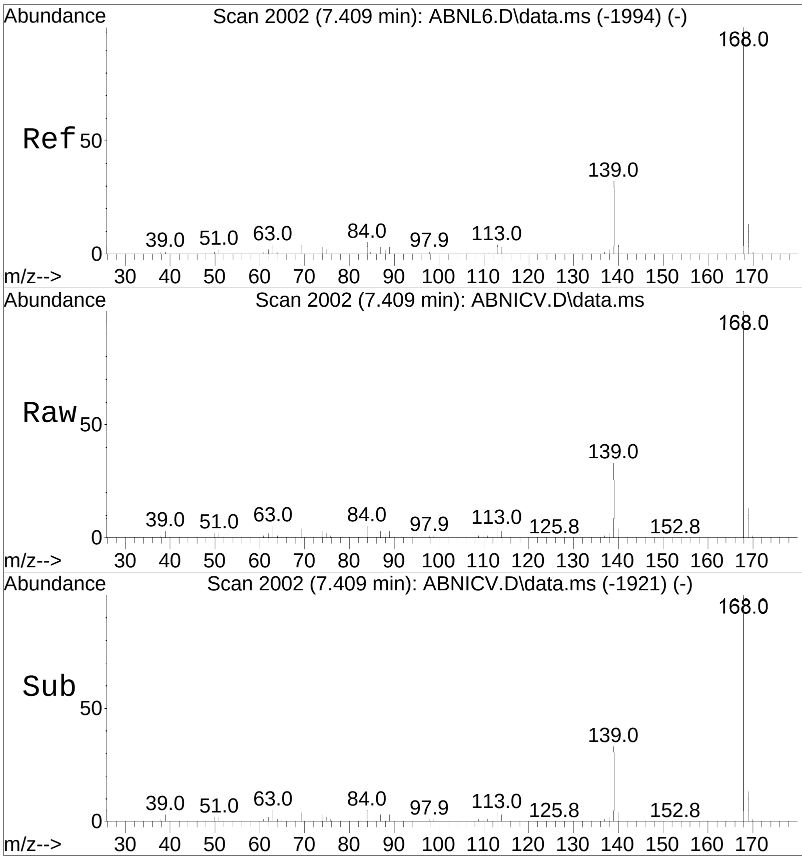


#68
2,4-Dinitrophenol
Concen: 4.13 ug/ml
RT: 7.291 min Scan# 1964
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:184 Resp: 13757

Ion	Ratio	Lower	Upper
184	100		
107	38.0	37.7	56.5
91	39.9	46.3	69.5#

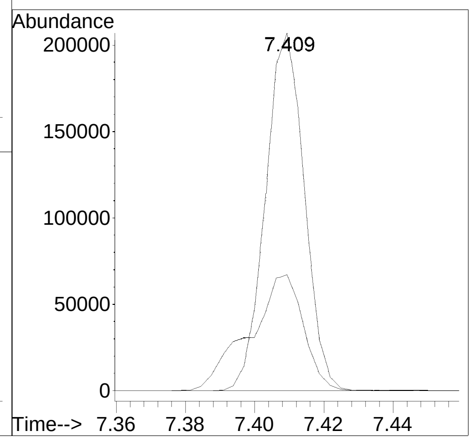


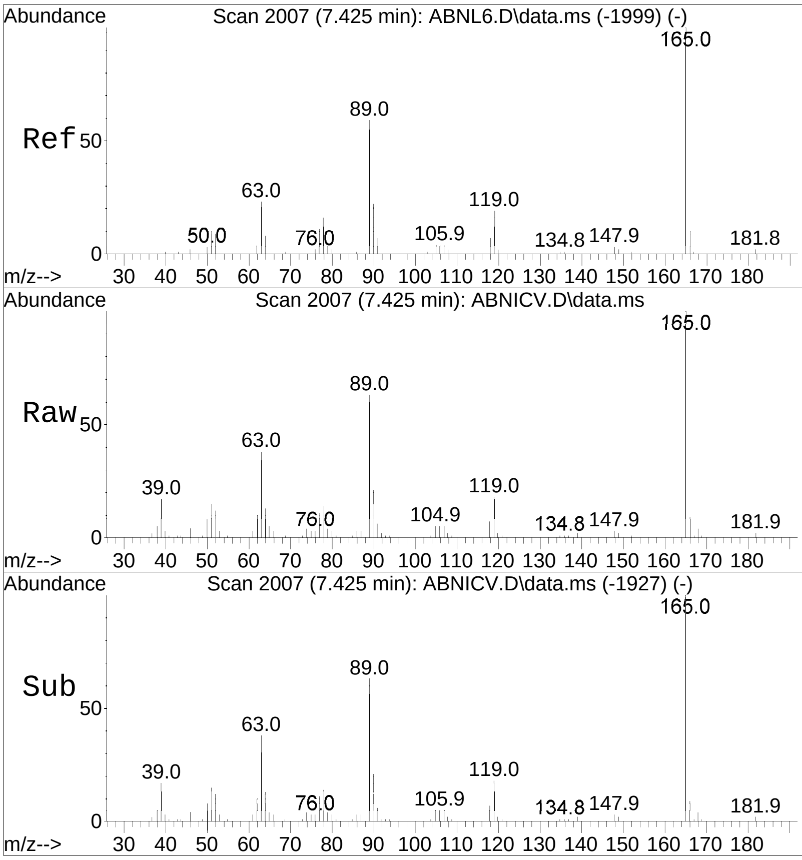


#69
Dibenzofuran
Concen: 4.45 ug/ml
RT: 7.409 min Scan# 2002
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:168 Resp: 160445

Ion	Ratio	Lower	Upper
168	100		
139	45.7	31.4	47.2

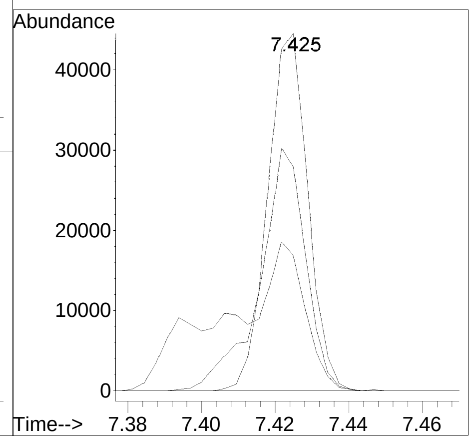


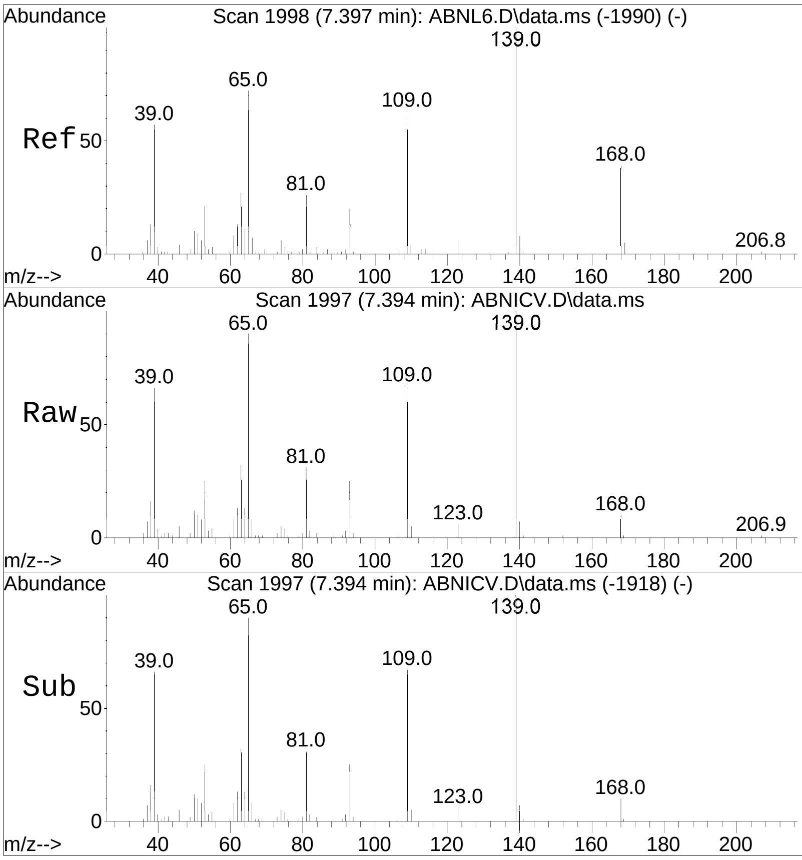


#70
2,4-Dinitrotoluene
Concen: 4.84 ug/ml
RT: 7.425 min Scan# 2007
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:165 Resp: 33658

Ion	Ratio	Lower	Upper
165	100		
89	77.6	72.0	108.0
63	41.9	52.7	79.1#

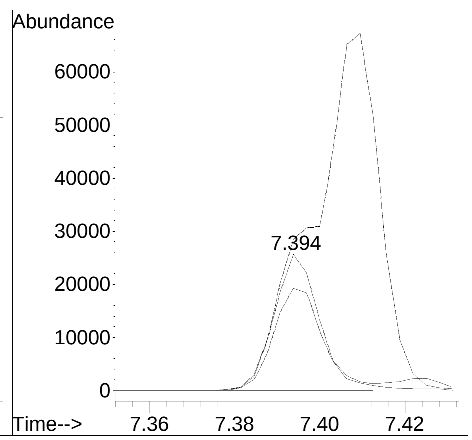


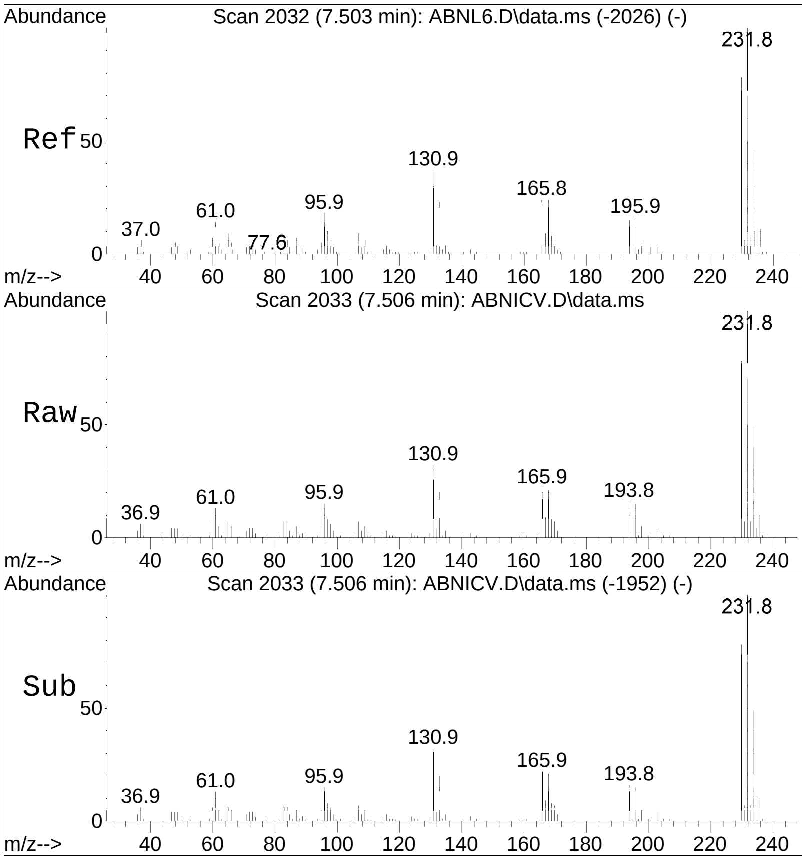


#71
4-Nitrophenol
Concen: 4.67 ug/ml
RT: 7.394 min Scan# 1997
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 65 Resp: 19325

Ion	Ratio	Lower	Upper
65	100		
109	81.5	47.4	71.2#
139	0.0	76.6	115.0#

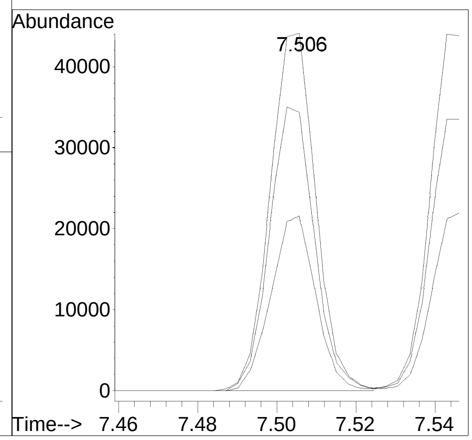


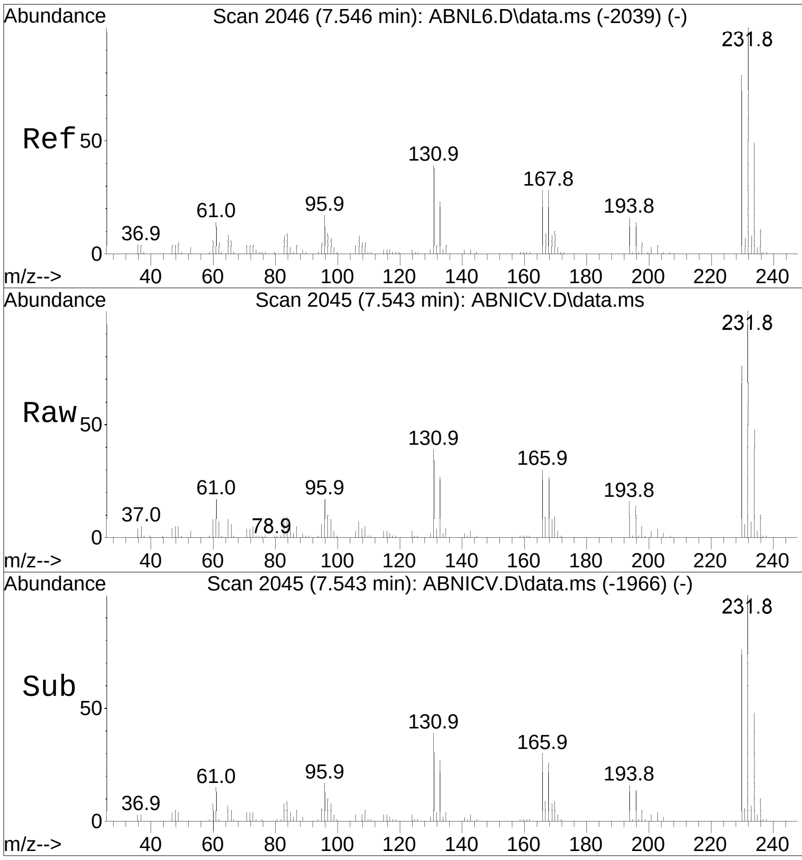


#72
2,3,5,6-Tetrachlorophenol
Concen: 4.52 ug/ml
RT: 7.506 min Scan# 2033
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:232 Resp: 35437

Ion	Ratio	Lower	Upper
232	100		
230	78.3	64.2	96.4
234	48.2	38.1	57.1

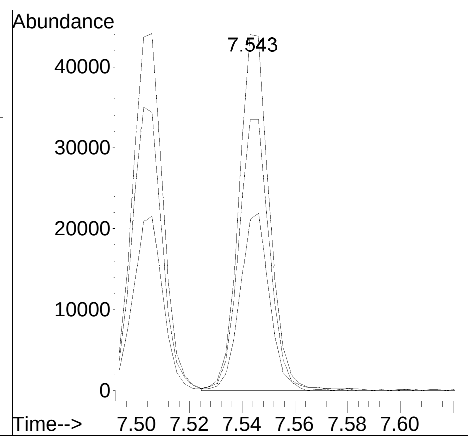


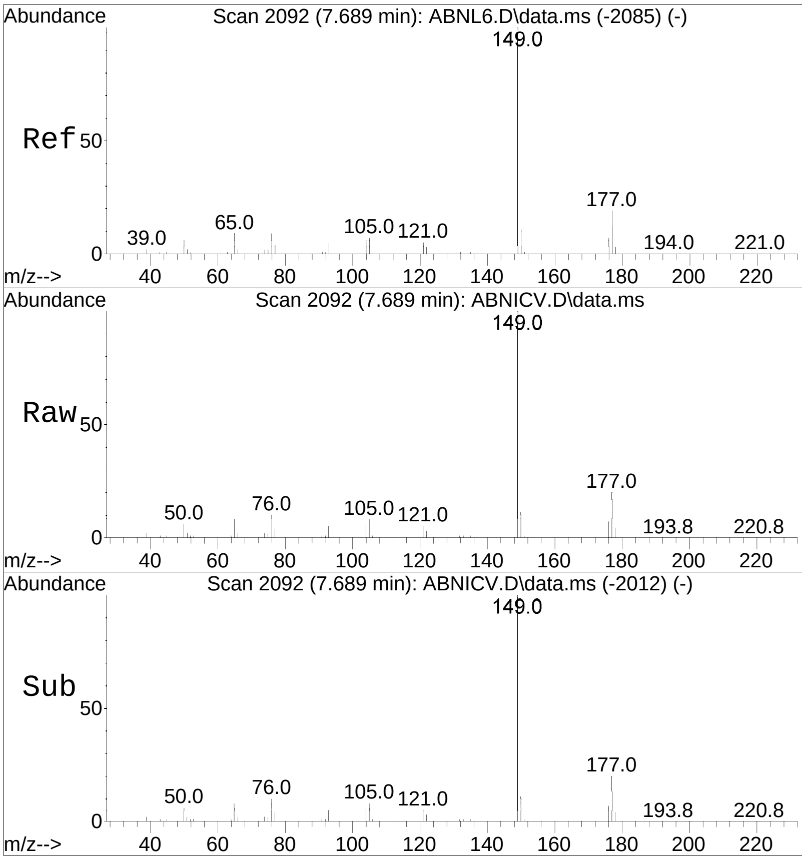


#73
2,3,4,6-Tetrachlorophenol
Concen: 4.63 ug/ml
RT: 7.543 min Scan# 2045
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:232 Resp: 35578

Ion	Ratio	Lower	Upper
232	100		
230	76.6	61.8	92.8
234	47.2	36.2	54.2

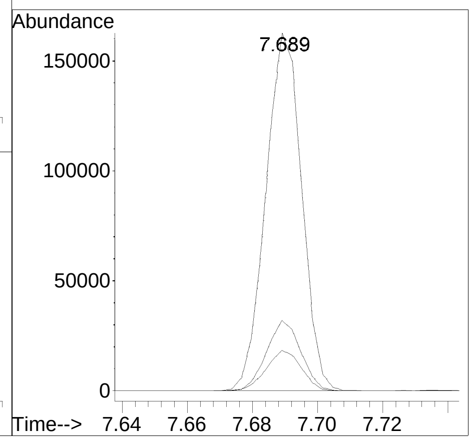


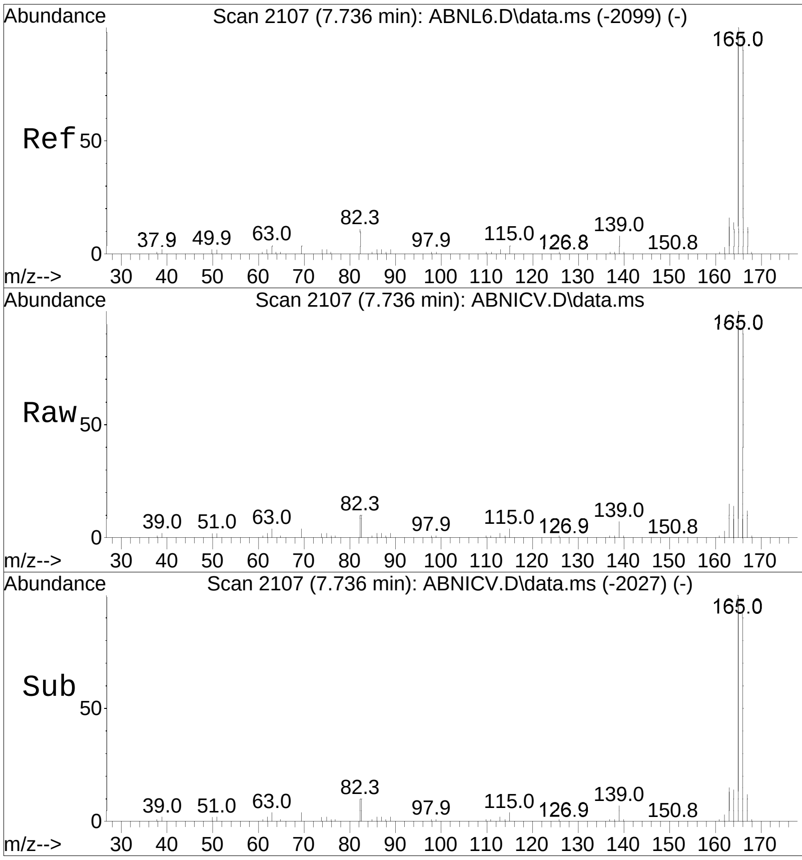


#74
Diethyl phthalate
Concen: 4.38 ug/ml
RT: 7.689 min Scan# 2092
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:149 Resp: 123901

Ion	Ratio	Lower	Upper
149	100		
177	18.9	16.1	24.1
150	11.2	9.4	14.2

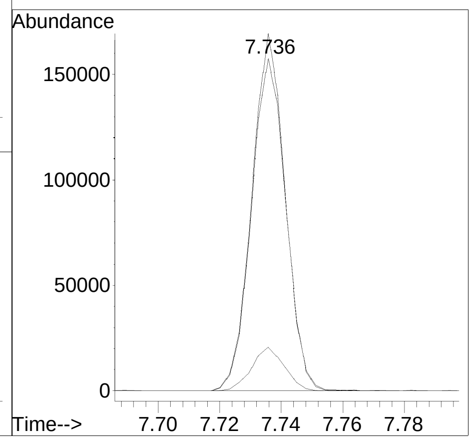


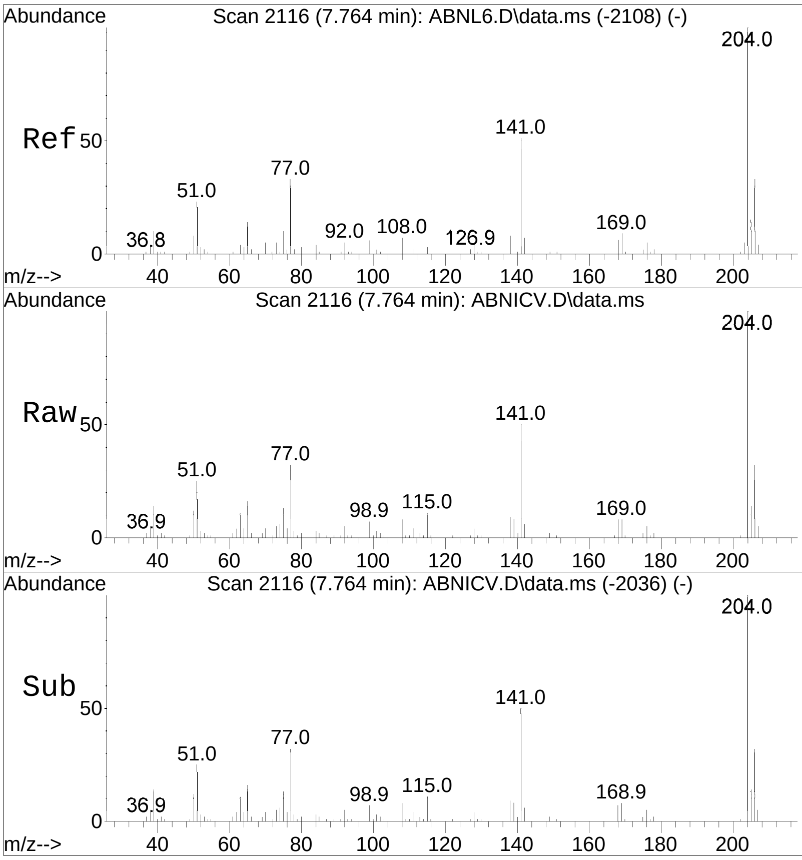


#75
Fluorene
Concen: 4.42 ug/ml
RT: 7.736 min Scan# 2107
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:166 Resp: 122050

Ion	Ratio	Lower	Upper
166	100		
165	104.2	76.2	114.2
167	12.5	10.6	15.8

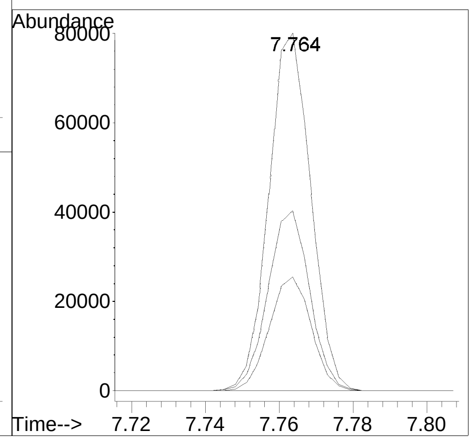


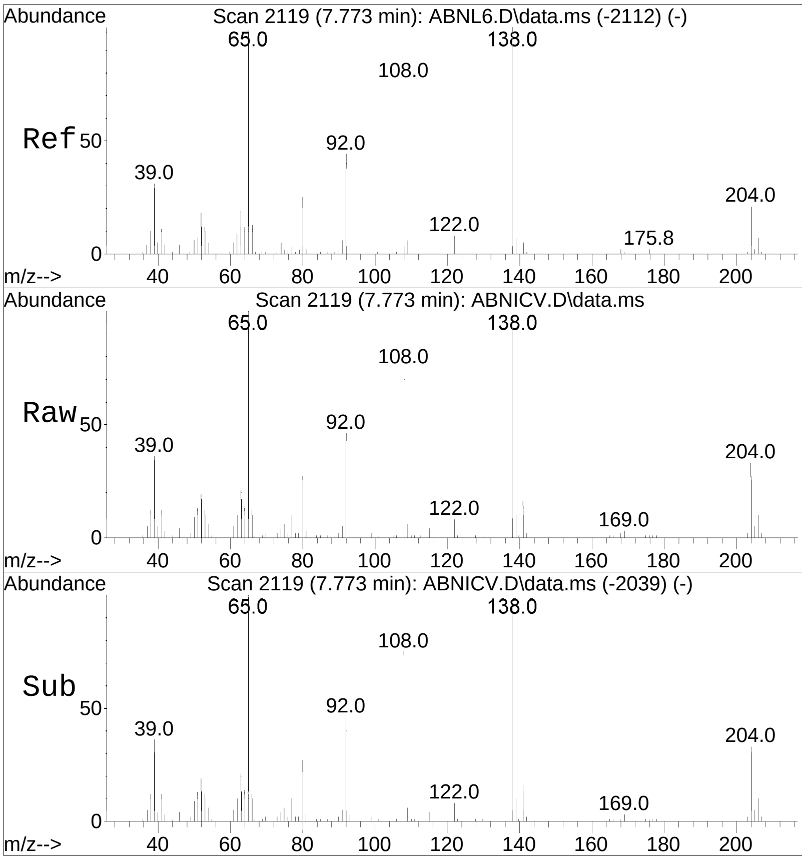


#76
4-Chlorophenyl phenyl ether
Concen: 4.43 ug/ml
RT: 7.764 min Scan# 2116
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:204 Resp: 63042

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.8	38.6
141	50.4	53.6	80.4#

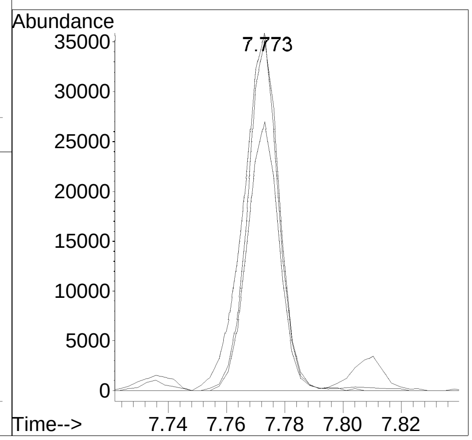


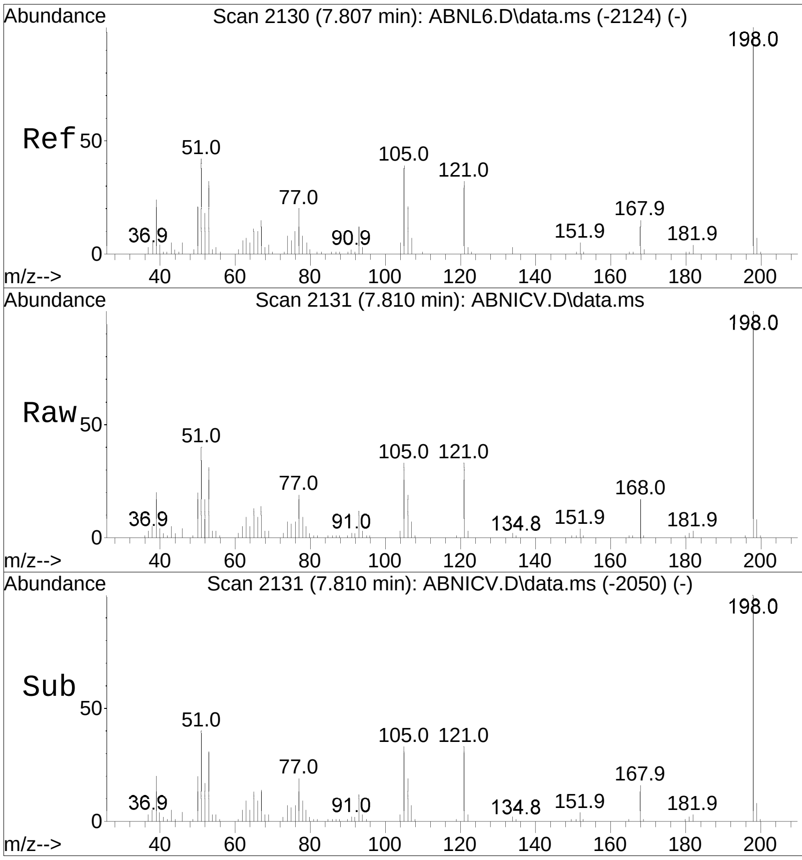


#77
4-Nitroaniline
Concen: 5.02 ug/ml
RT: 7.773 min Scan# 2119
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:138 Resp: 26907

Ion	Ratio	Lower	Upper
138	100		
108	77.2	52.1	78.1
65	111.2	115.0	172.6#

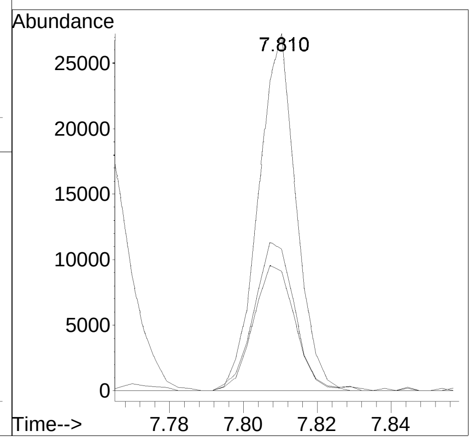


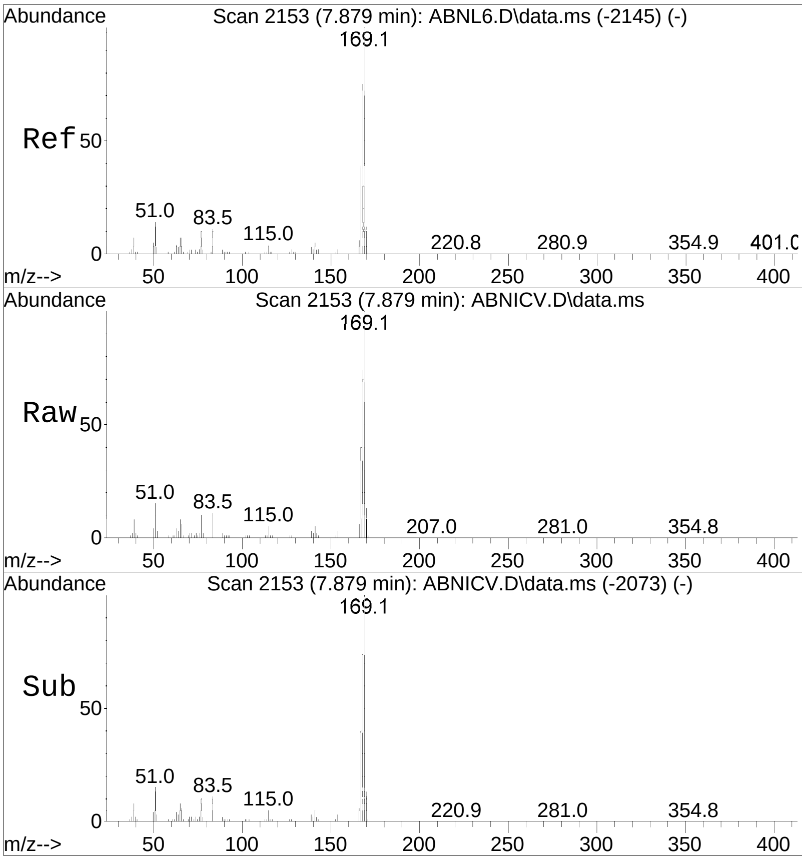


#78
4,6-Dinitro-o-cresol
Concen: 4.61 ug/ml
RT: 7.810 min Scan# 2131
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:198 Resp: 19382

Ion	Ratio	Lower	Upper
198	100		
51	45.2	76.0	114.0#
105	38.6	45.6	68.4#

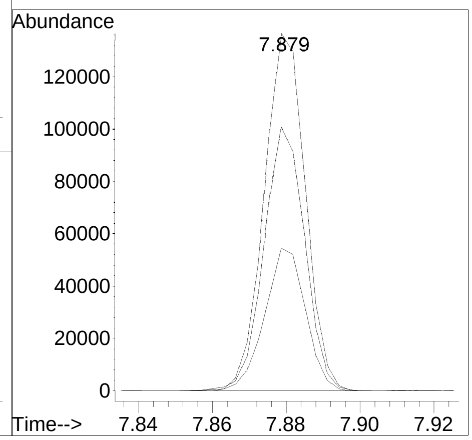


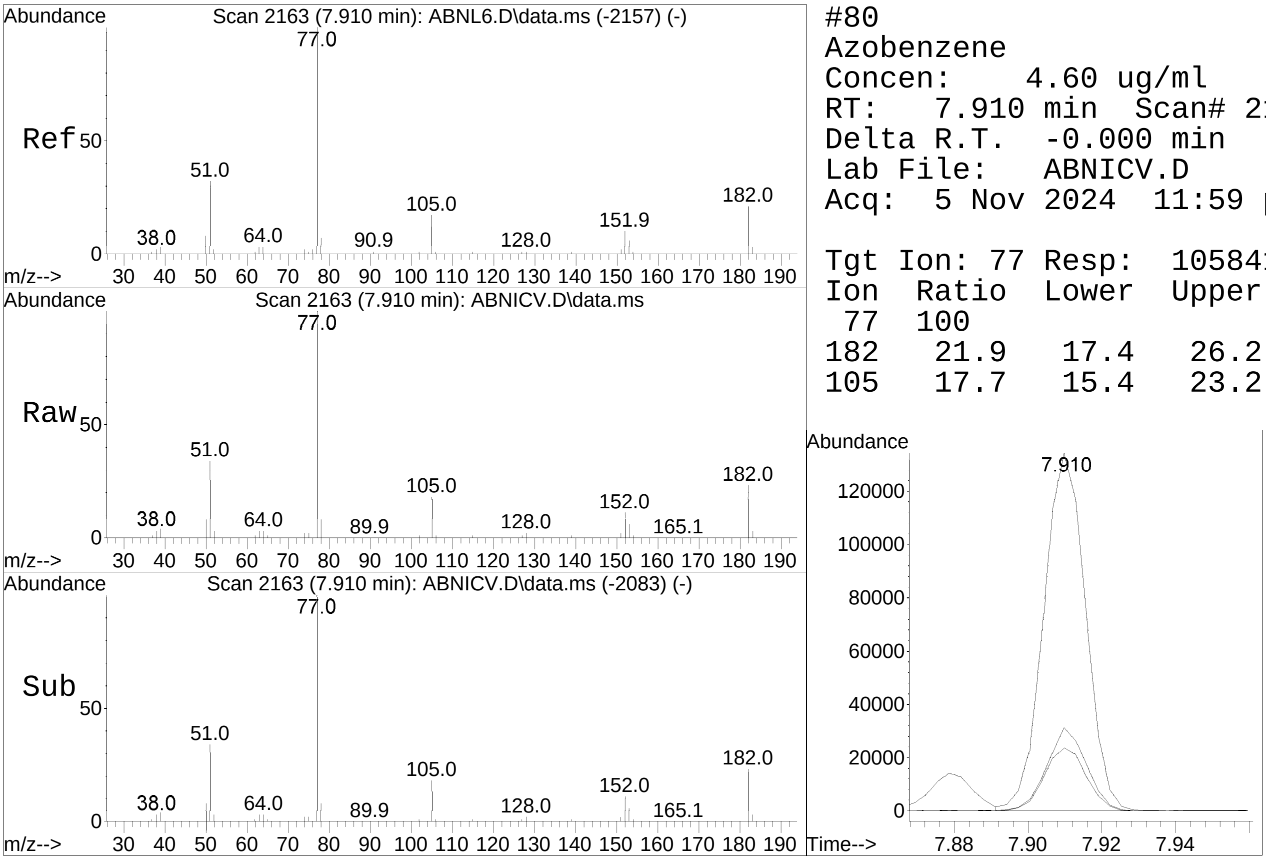


#79
NDPA/DPA
Concen: 4.40 ug/ml
RT: 7.879 min Scan# 2153
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:169 Resp: 105614

Ion	Ratio	Lower	Upper
169	100		
168	73.5	54.0	81.0
167	39.9	28.6	42.8

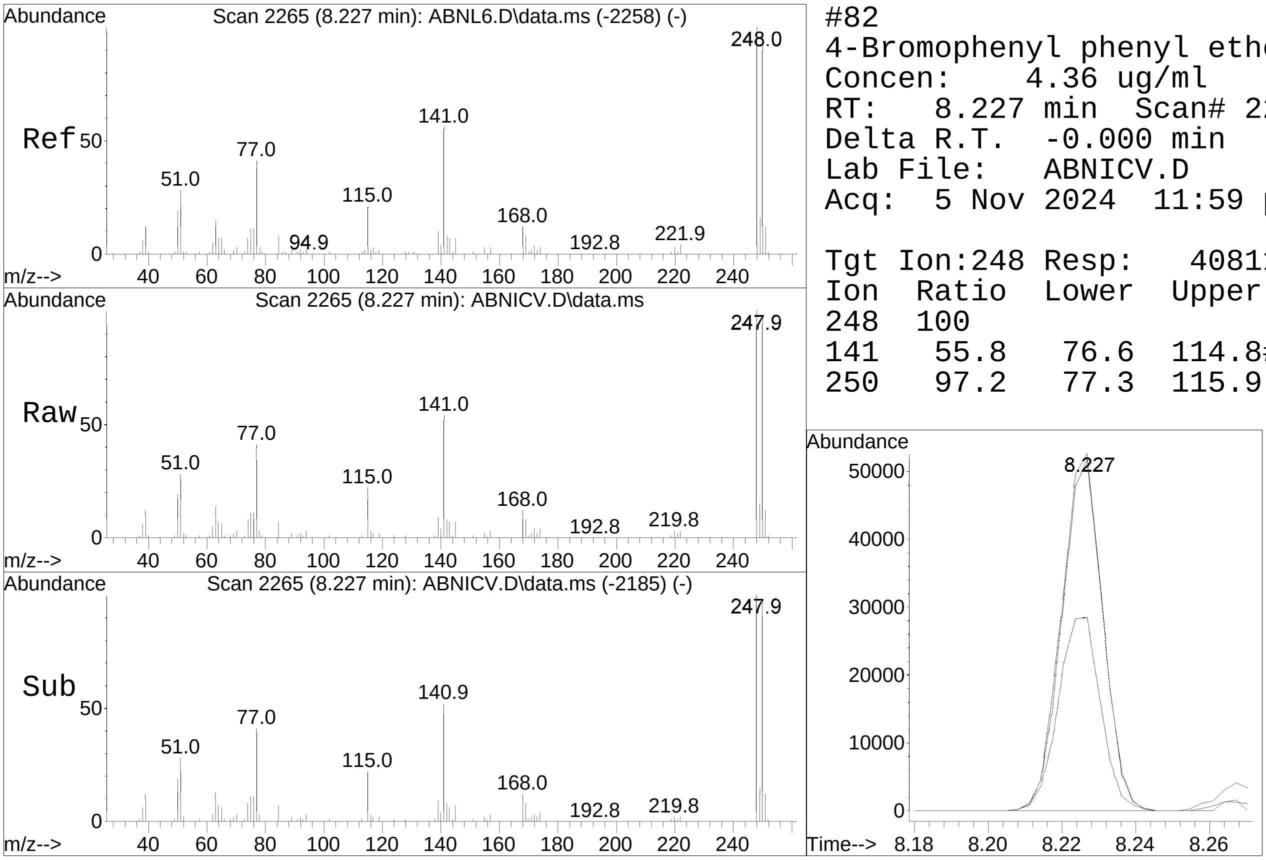




#80
Azobenzene
Concen: 4.60 ug/ml
RT: 7.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion: 77 Resp: 105841

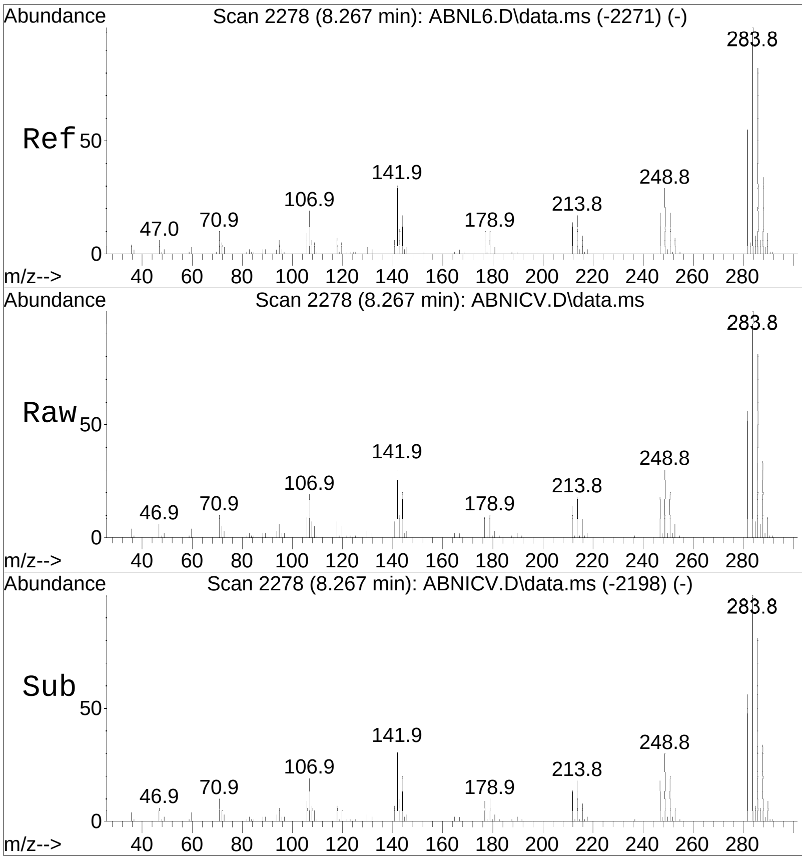
Ion	Ratio	Lower	Upper
77	100		
182	21.9	17.4	26.2
105	17.7	15.4	23.2



#82
4-Bromophenyl phenyl ether
Concen: 4.36 ug/ml
RT: 8.227 min Scan# 2265
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:248 Resp: 40811

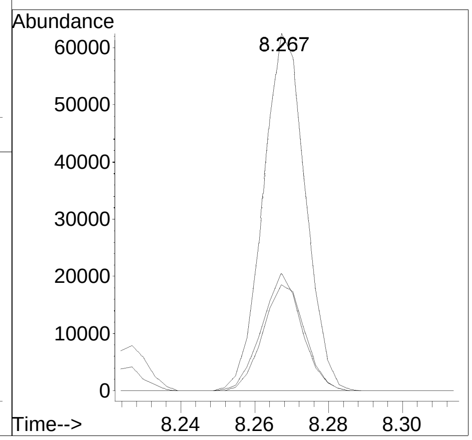
Ion	Ratio	Lower	Upper
248	100		
141	55.8	76.6	114.8#
250	97.2	77.3	115.9

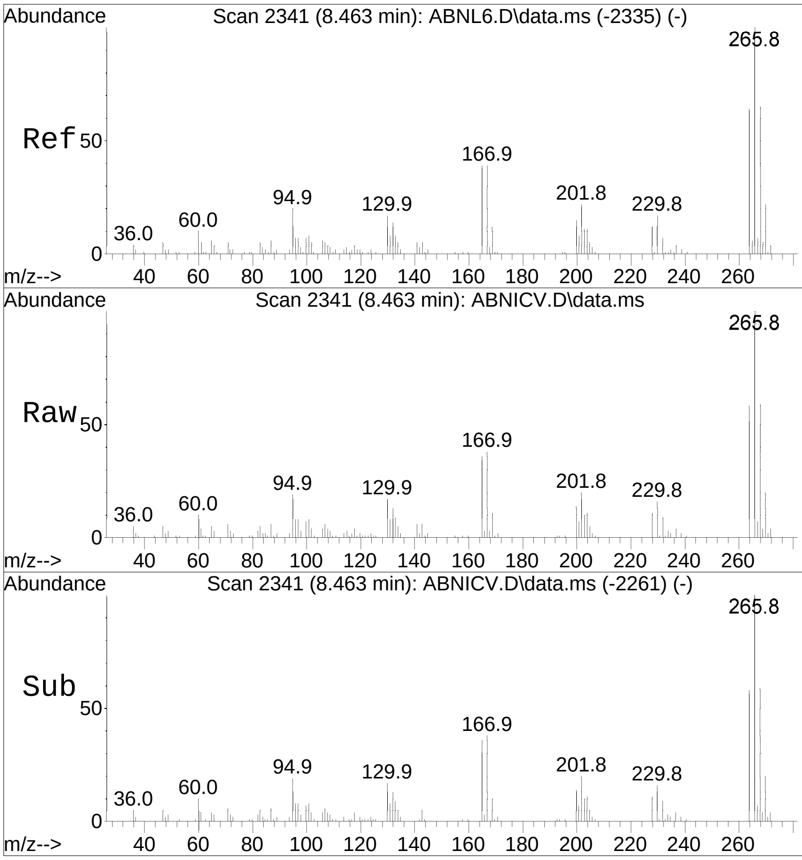


#83
Hexachlorobenzene
Concen: 4.21 ug/ml
RT: 8.267 min Scan# 2278
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:284 Resp: 49668

Ion	Ratio	Lower	Upper
284	100		
142	31.2	41.9	62.9#
249	29.5	24.1	36.1

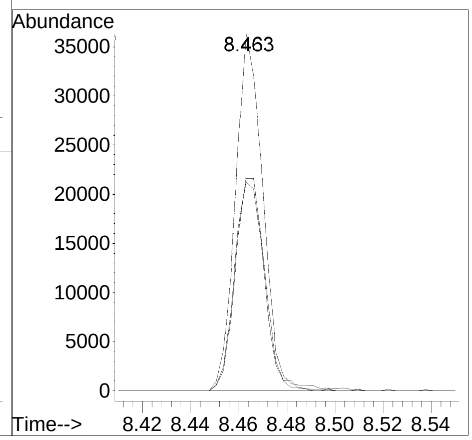


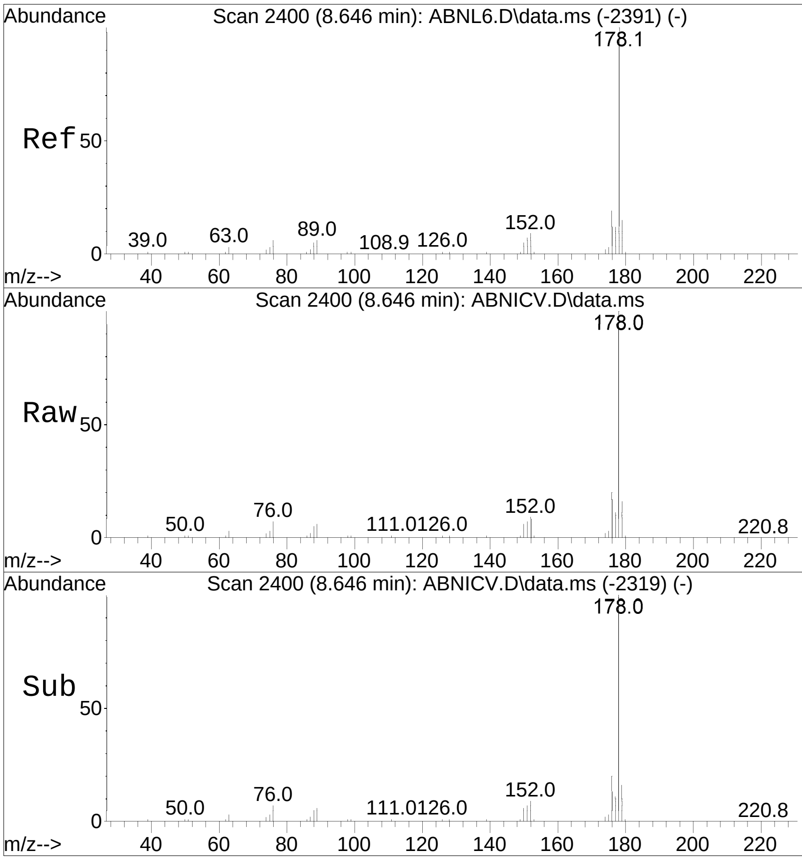


#84
Pentachlorophenol
Concen: 4.55 ug/ml
RT: 8.463 min Scan# 2341
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:266 Resp: 29051

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.7	74.5
268	63.9	50.5	75.7

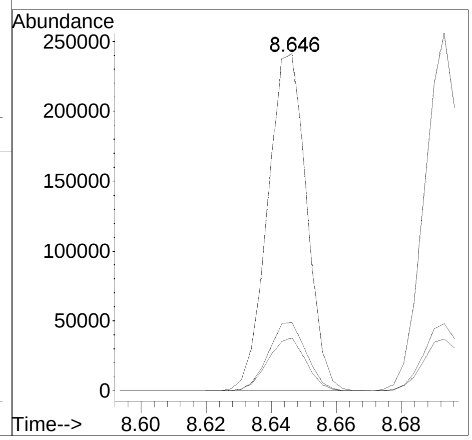


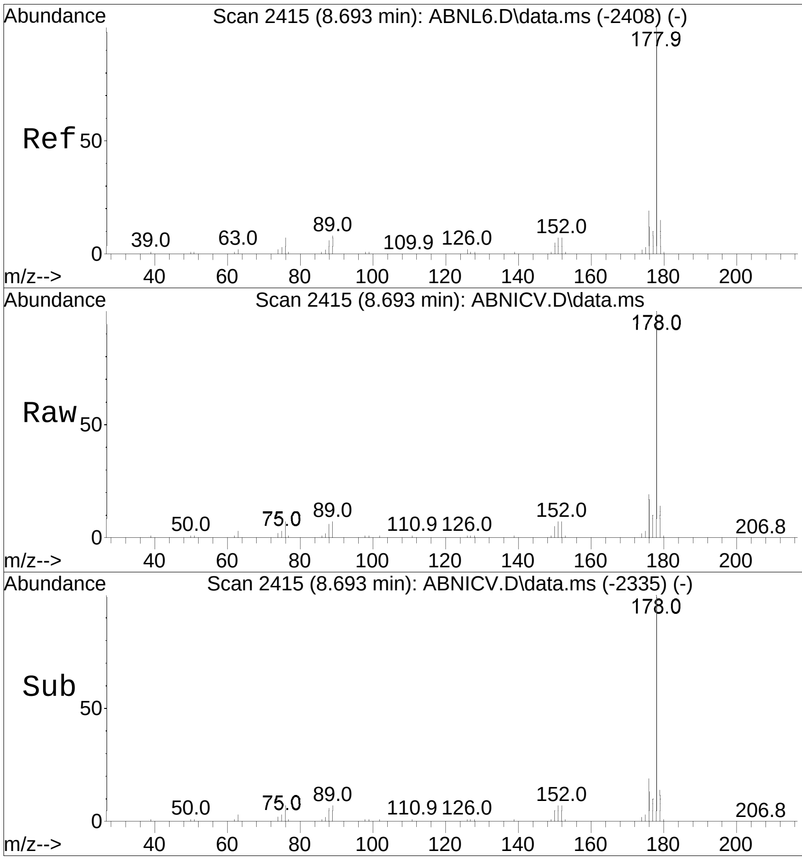


#91
Phenanthrene
Concen: 4.41 ug/ml
RT: 8.646 min Scan# 2400
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:178 Resp: 199979

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.8	15.4	23.2

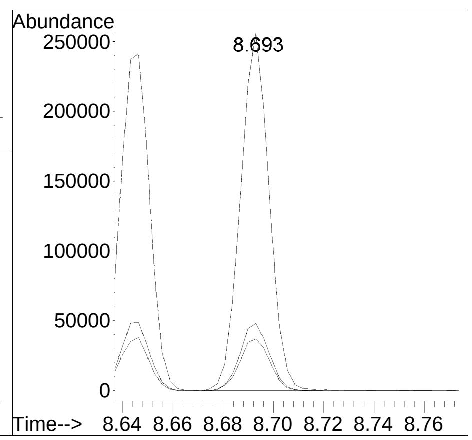


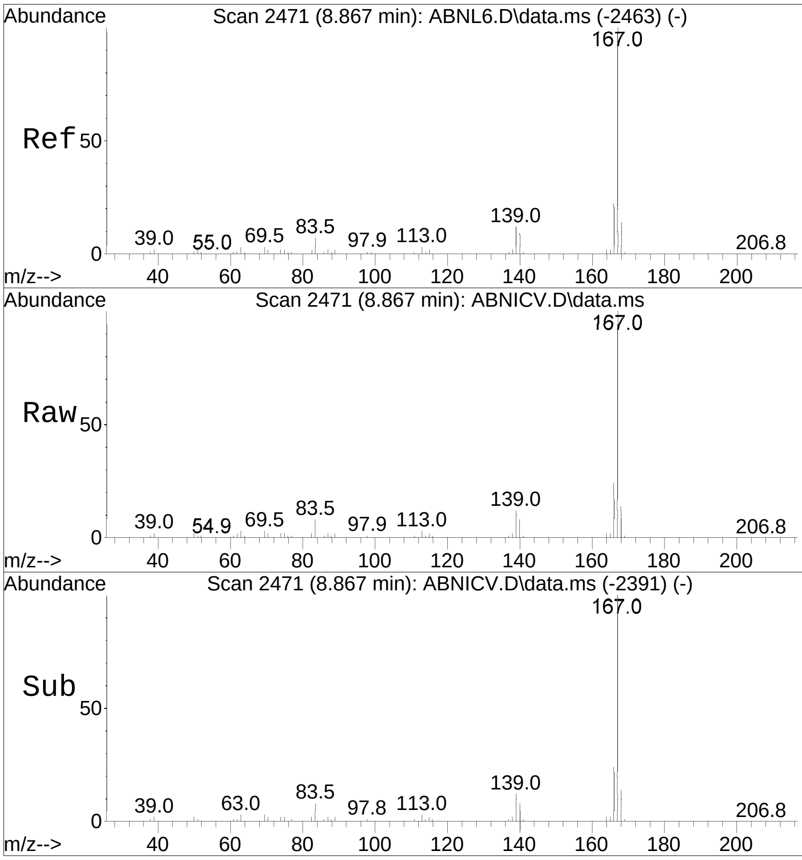


#92
Anthracene
Concen: 4.57 ug/ml
RT: 8.693 min Scan# 2415
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:178 Resp: 203231

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	19.2	14.6	22.0

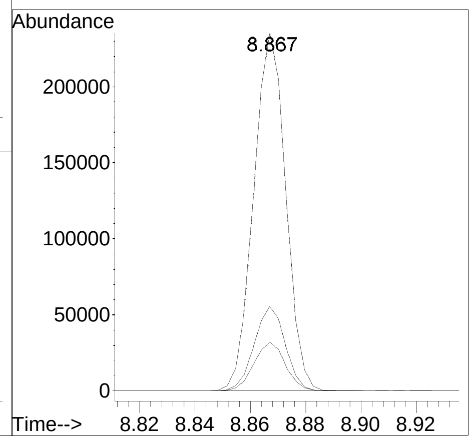


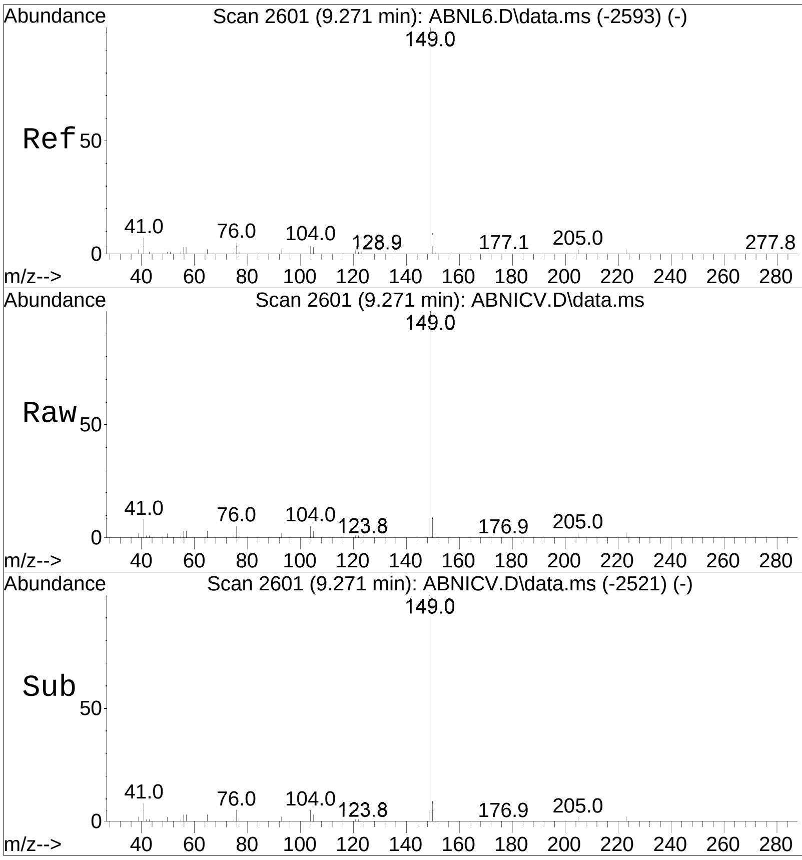


#93
Carbazole
Concen: 4.61 ug/ml
RT: 8.867 min Scan# 2471
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:167 Resp: 188138

Ion	Ratio	Lower	Upper
167	100		
168	13.4	10.6	15.8
166	22.9	17.4	26.0

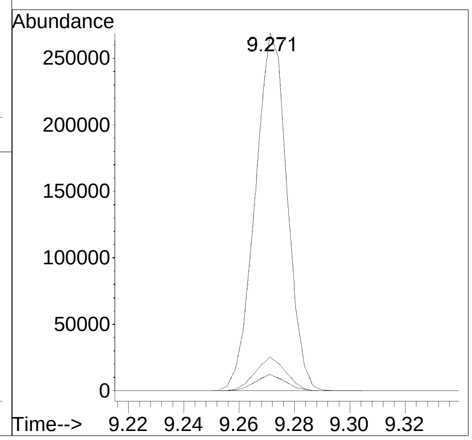


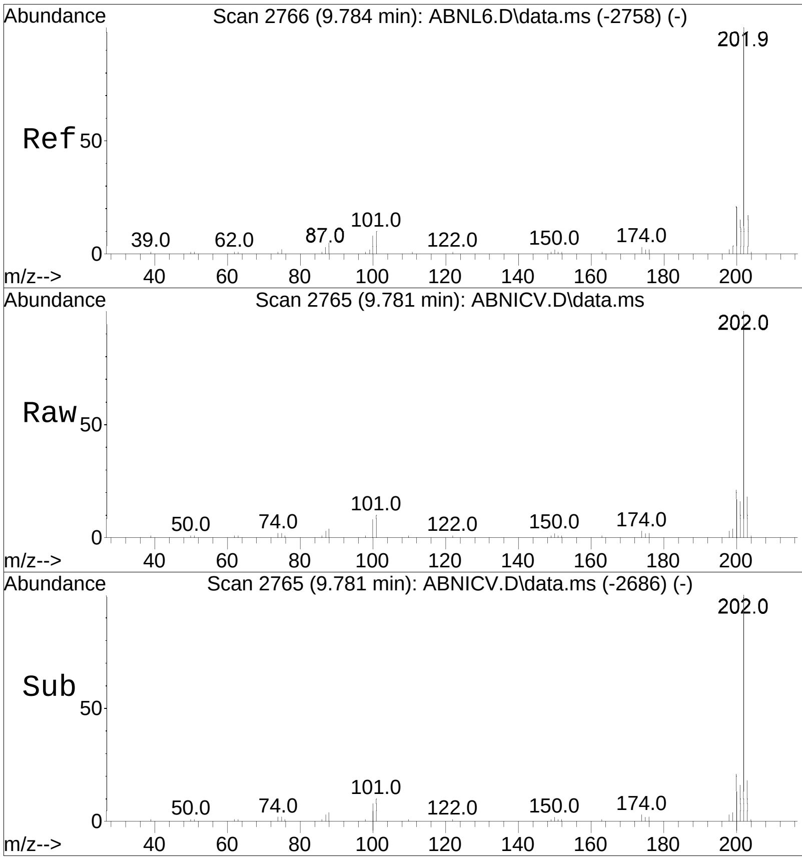


#94
Di-n-butylphthalate
Concen: 4.64 ug/ml
RT: 9.271 min Scan# 2601
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:149 Resp: 214371

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.0	10.6
104	4.4	4.5	6.7#

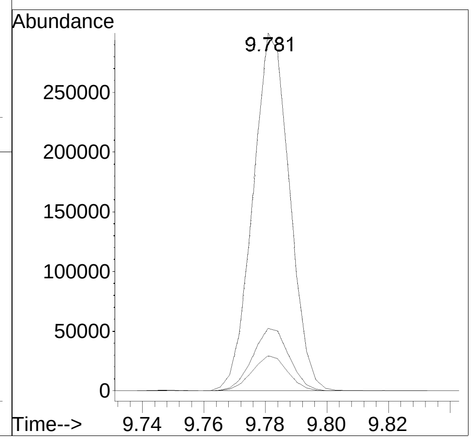


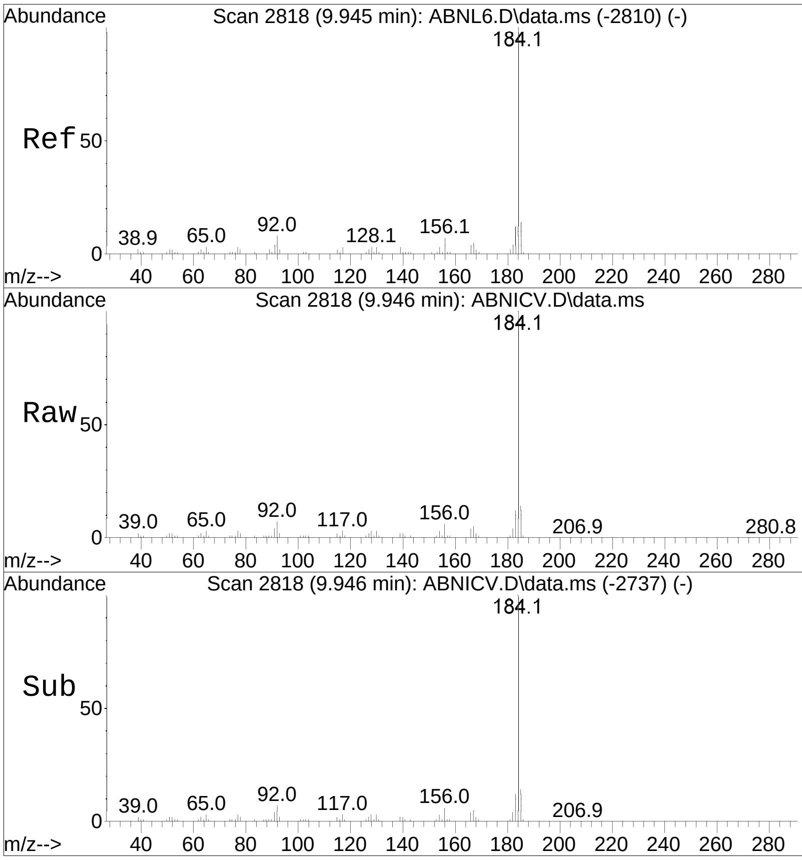


#95
Fluoranthene
Concen: 4.53 ug/ml
RT: 9.781 min Scan# 2765
Delta R.T. -0.003 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:202 Resp: 246949

Ion	Ratio	Lower	Upper
202	100		
101	9.5	13.5	20.3#
203	17.5	13.6	20.4

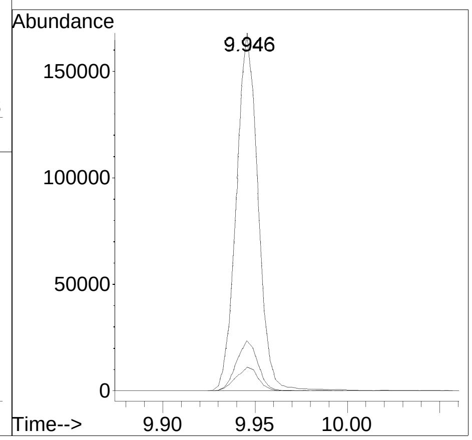


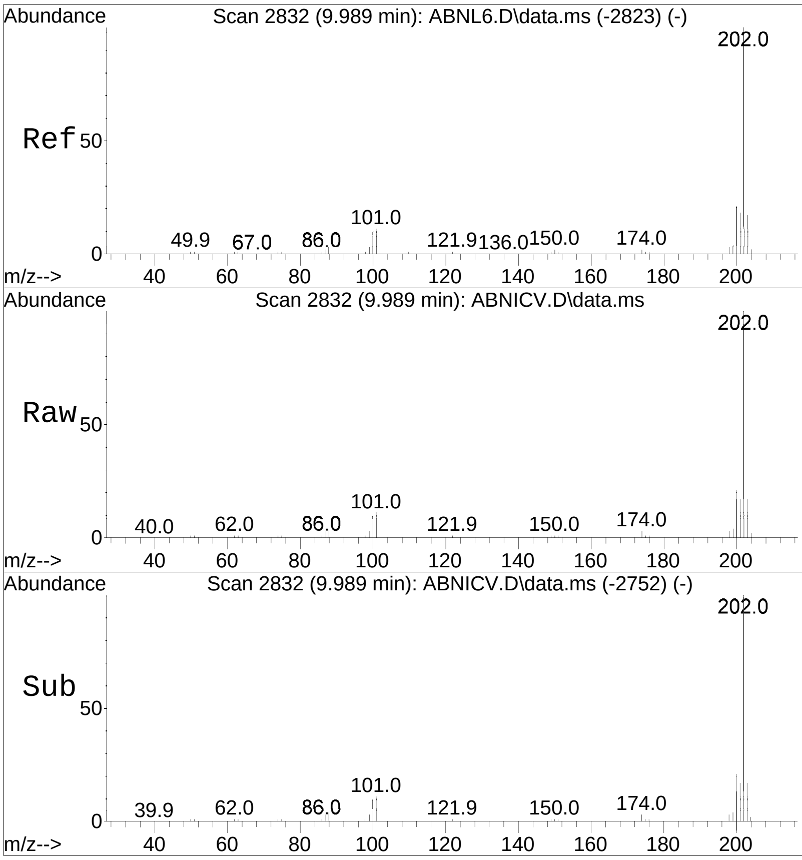


#96
Benzidine
Concen: 4.63 ug/ml
RT: 9.946 min Scan# 2818
Delta R.T. 0.001 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:184 Resp: 136878

Ion	Ratio	Lower	Upper
184	100		
92	6.9	9.1	13.7#
185	13.9	11.1	16.7

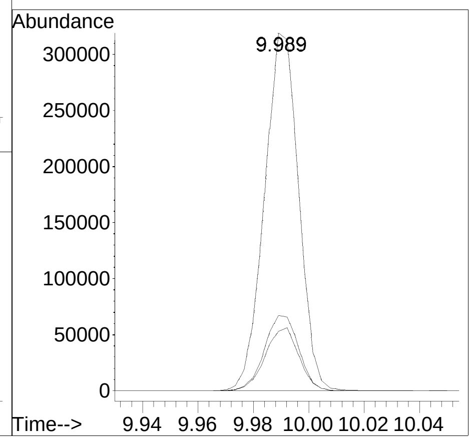


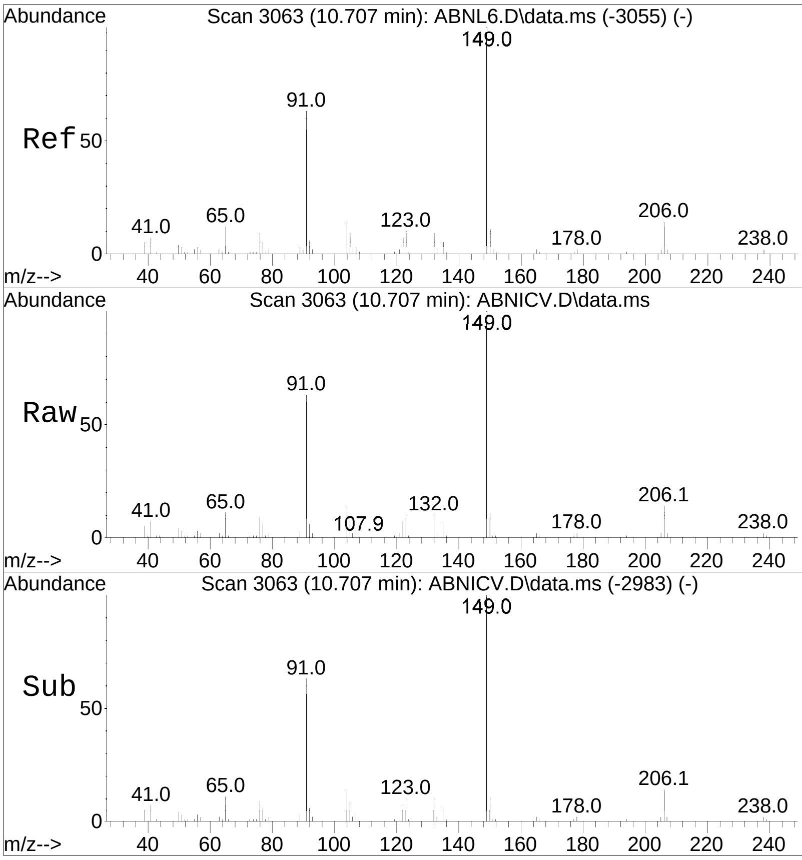


#97
Pyrene
Concen: 4.67 ug/ml
RT: 9.989 min Scan# 2832
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:202 Resp: 272087

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.4	14.2	21.4

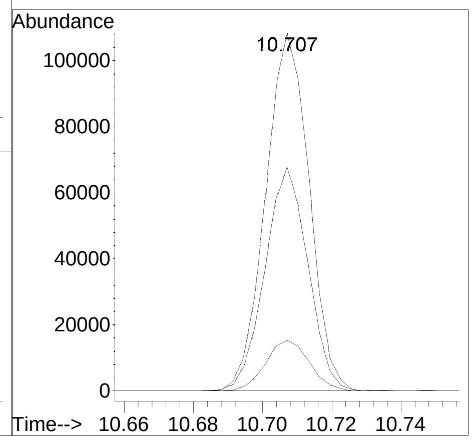


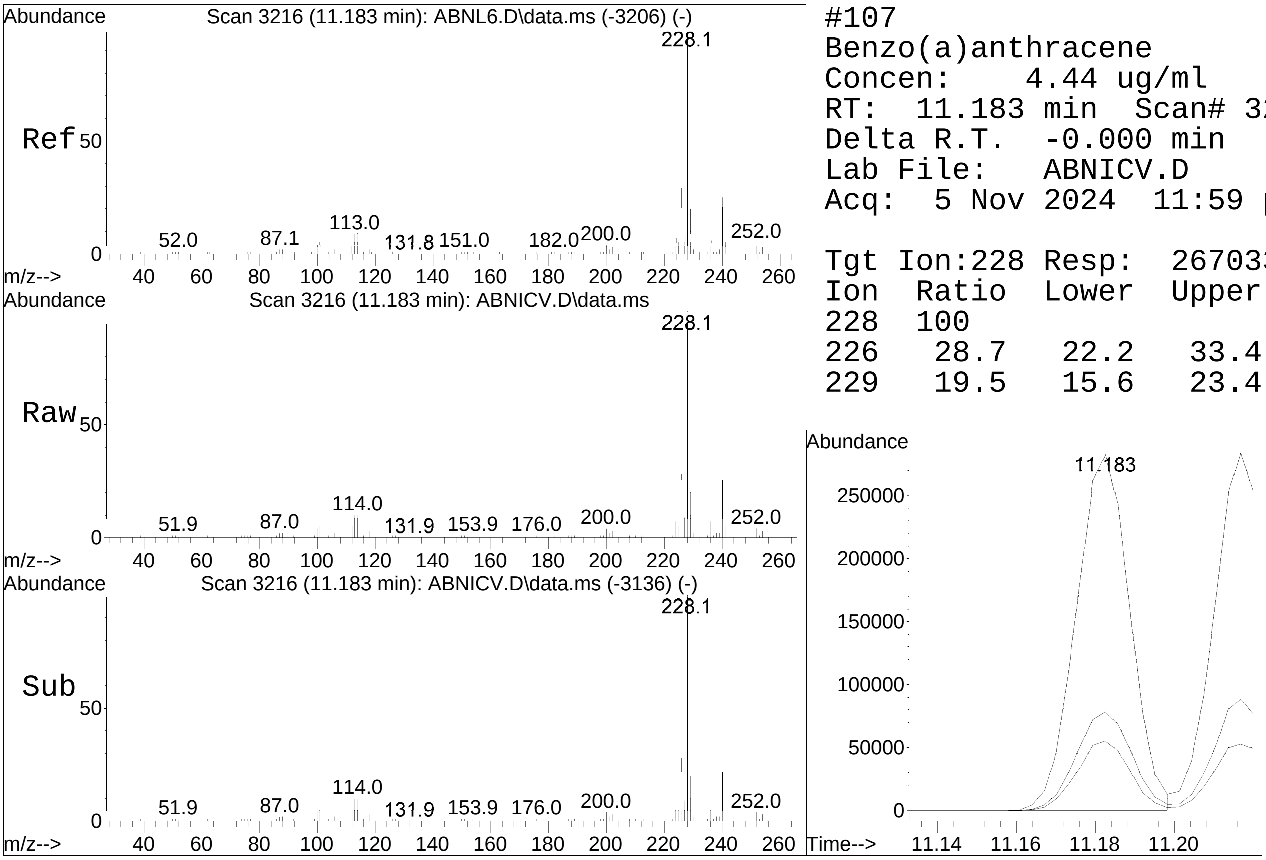


#99
Butyl benzyl phthalate
Concen: 4.75 ug/ml
RT: 10.707 min Scan# 3063
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:149 Resp: 94148

Ion	Ratio	Lower	Upper
149	100		
91	61.9	63.3	94.9#
206	14.3	13.9	20.9

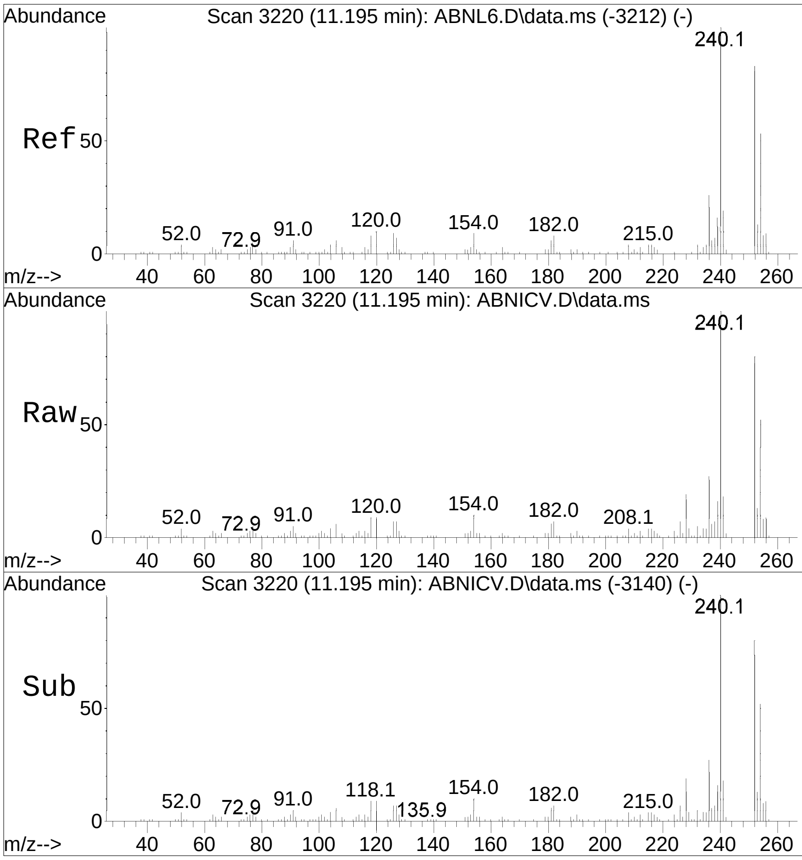




#107
Benzo(a)anthracene
Concen: 4.44 ug/ml
RT: 11.183 min Scan# 3216
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:228 Resp: 267033

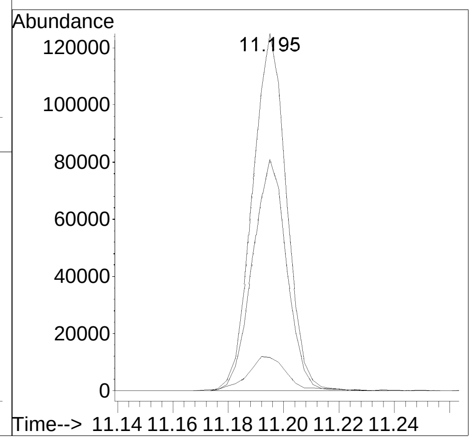
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.2	33.4
229	19.5	15.6	23.4

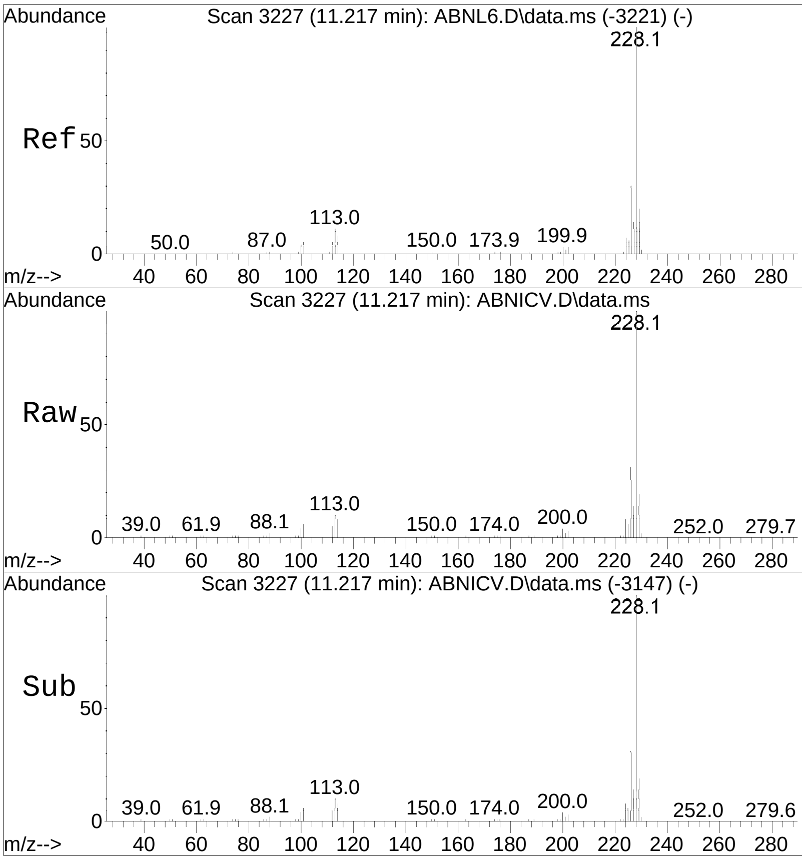


#108
3,3'-Dichlorobenzidine
Concen: 4.76 ug/ml
RT: 11.195 min Scan# 3220
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:252 Resp: 106445

Ion	Ratio	Lower	Upper
252	100		
126	11.4	14.5	21.7#
254	65.3	51.2	76.8

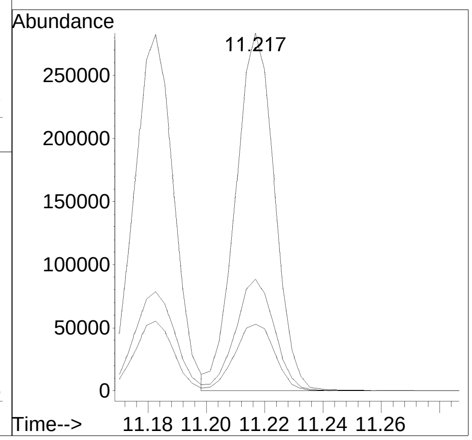


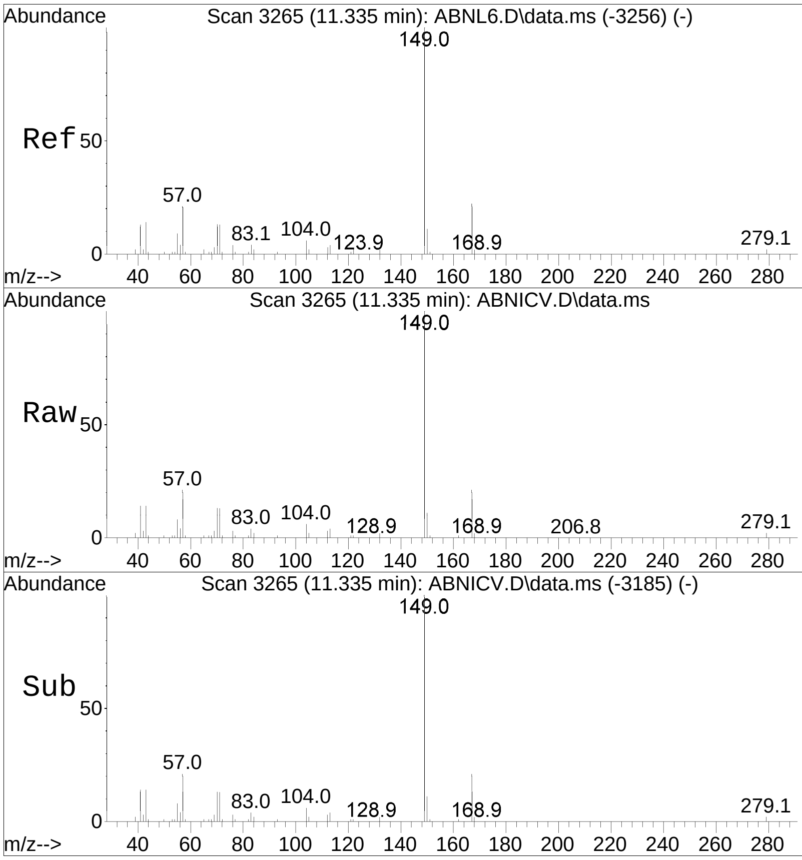


#109
Chrysene
Concen: 4.40 ug/ml
RT: 11.217 min Scan# 3227
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:228 Resp: 263085

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	19.4	15.8	23.8

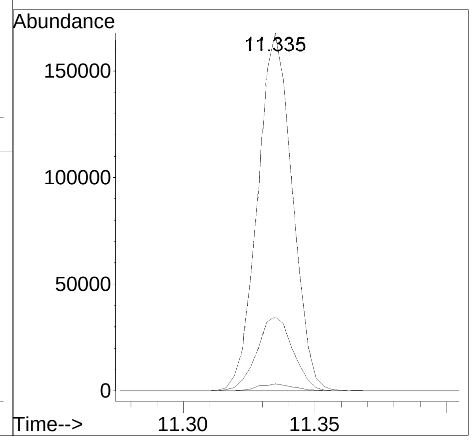


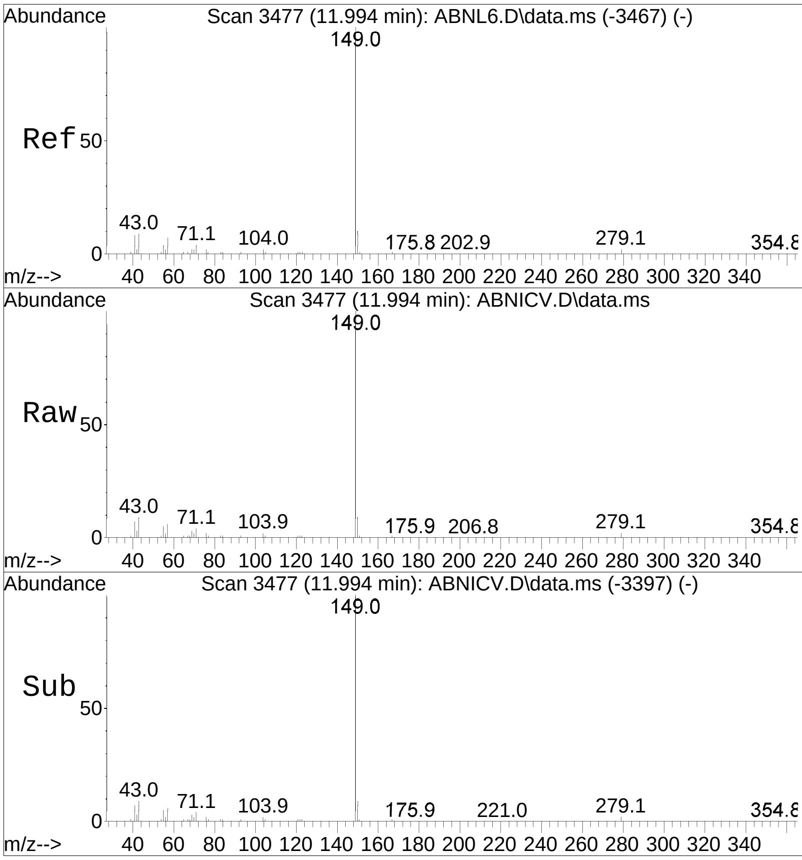


#110
Bis(2-ethylhexyl)phthalate
Concen: 4.74 ug/ml
RT: 11.335 min Scan# 3265
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:149 Resp: 152756

Ion	Ratio	Lower	Upper
149	100		
167	21.5	22.1	33.1#
279	1.9	3.0	4.4#

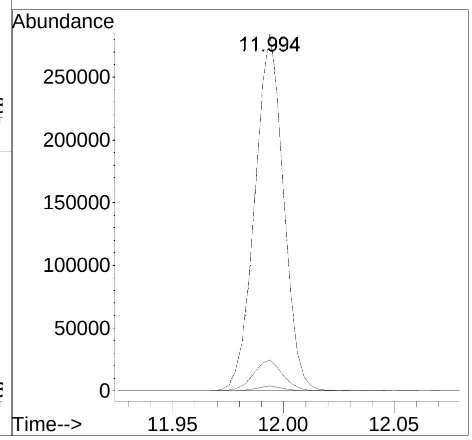


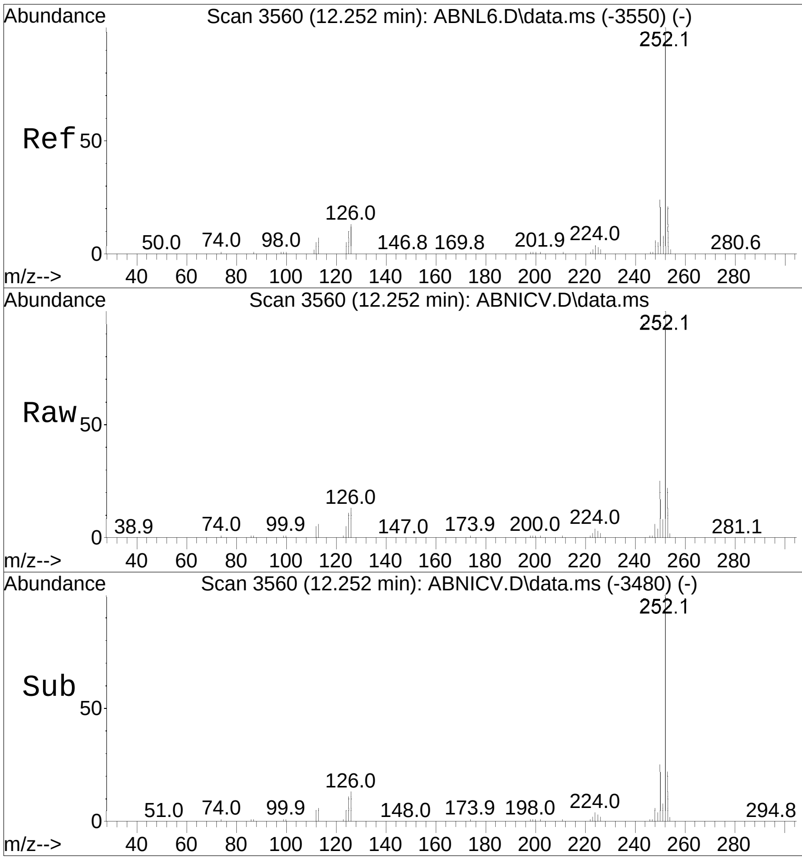


#111
Di-n-octylphthalate
Concen: 4.75 ug/ml
RT: 11.994 min Scan# 3477
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:149 Resp: 254994

Ion	Ratio	Lower	Upper
149	100		
43	8.9	18.8	28.2#
167	1.2	1.3	1.9#

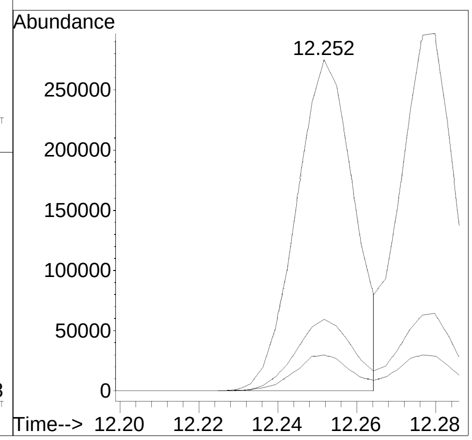


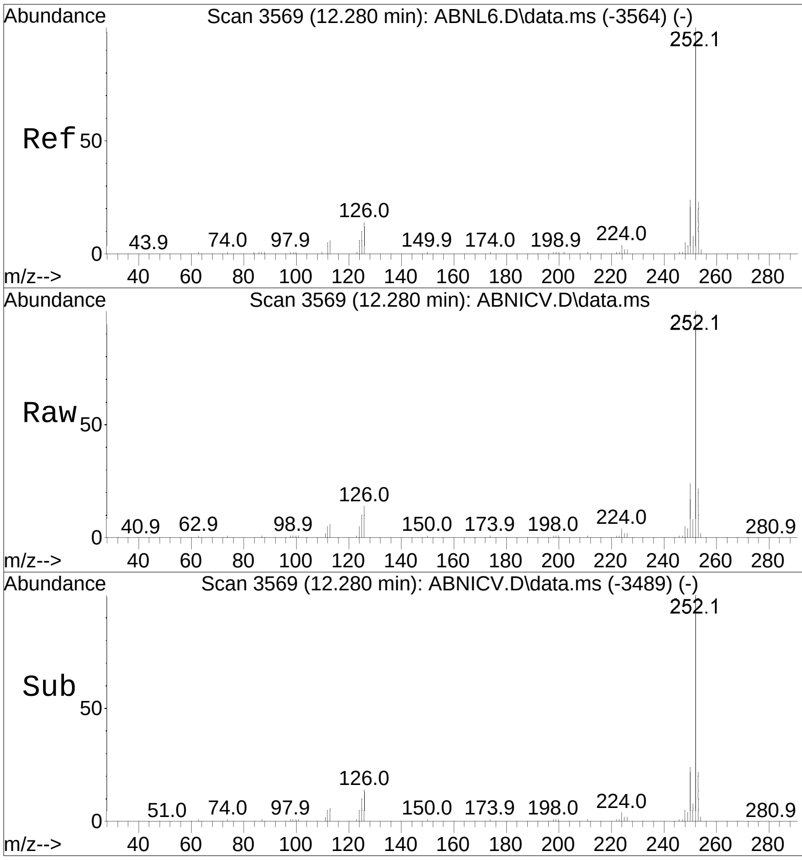


#112
Benzo(b)fluoranthene
Concen: 4.49 ug/ml
RT: 12.252 min Scan# 3560
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:252 Resp: 282392

Ion	Ratio	Lower	Upper
252	100		
125	10.8	13.3	19.9#
253	21.6	17.1	25.7

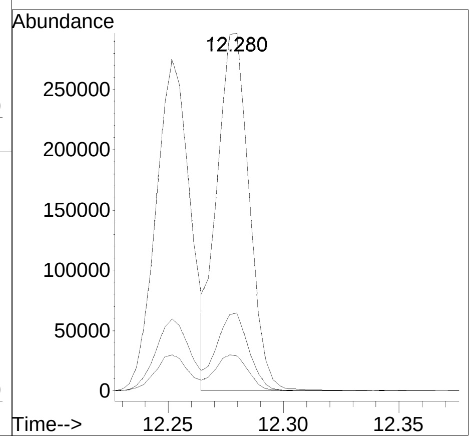


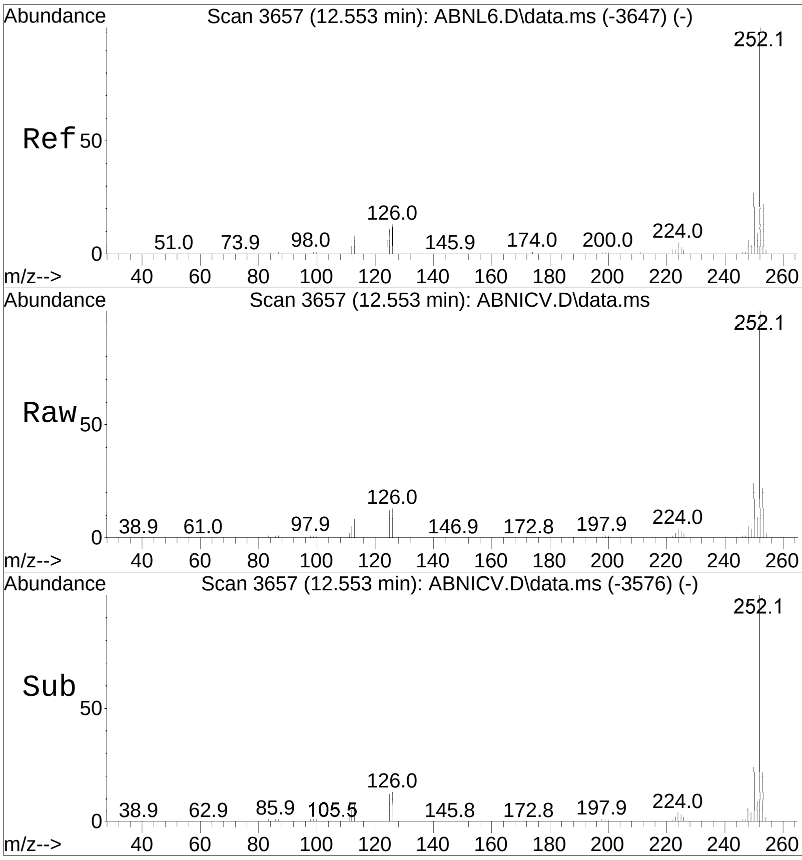


#113
Benzo(k)fluoranthene
Concen: 4.71 ug/ml
RT: 12.280 min Scan# 3569
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:252 Resp: 288769

Ion	Ratio	Lower	Upper
252	100		
125	10.3	13.0	19.6#
253	21.4	16.8	25.2

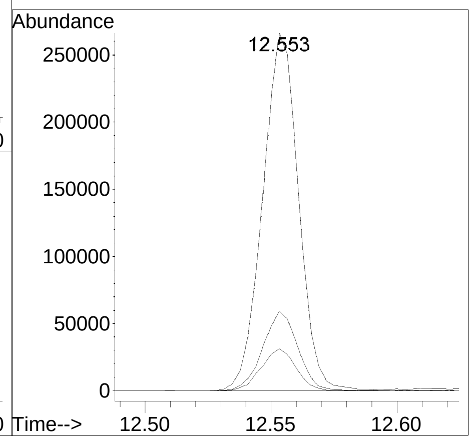


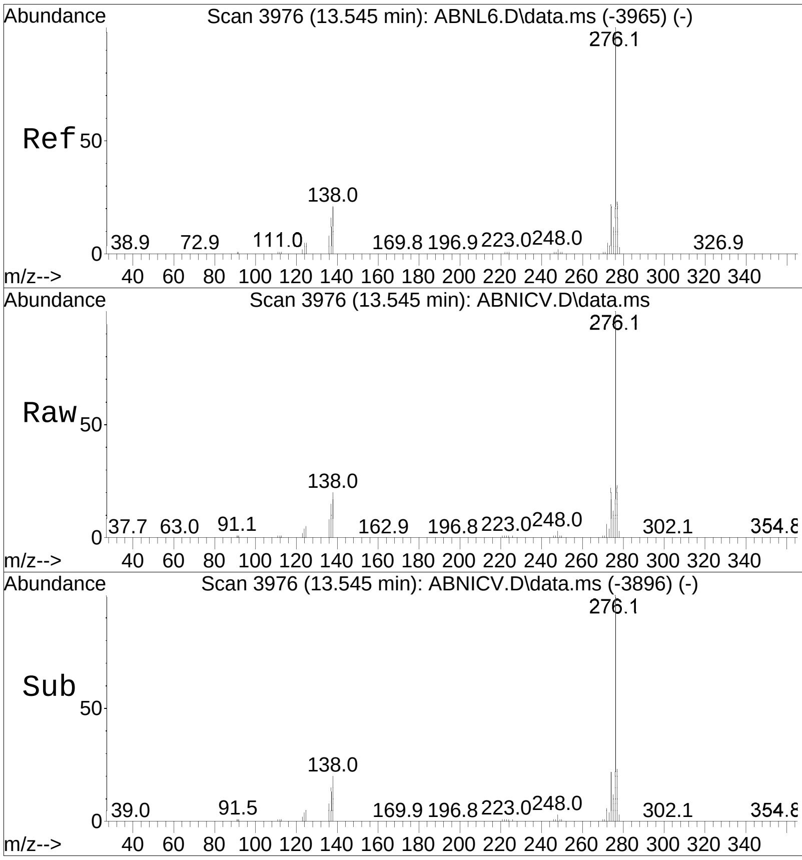


#114
Benzo(a)pyrene
Concen: 4.67 ug/ml
RT: 12.553 min Scan# 3657
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:252 Resp: 262323

Ion	Ratio	Lower	Upper
252	100		
125	11.6	14.2	21.2#
253	21.9	16.9	25.3

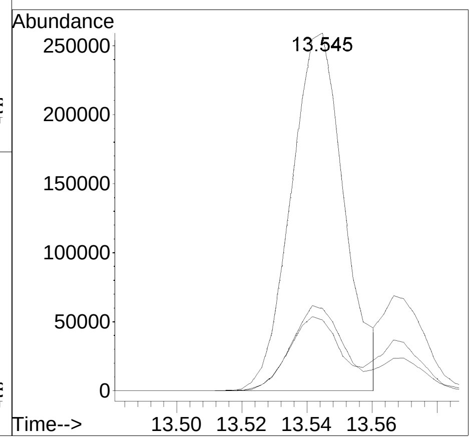


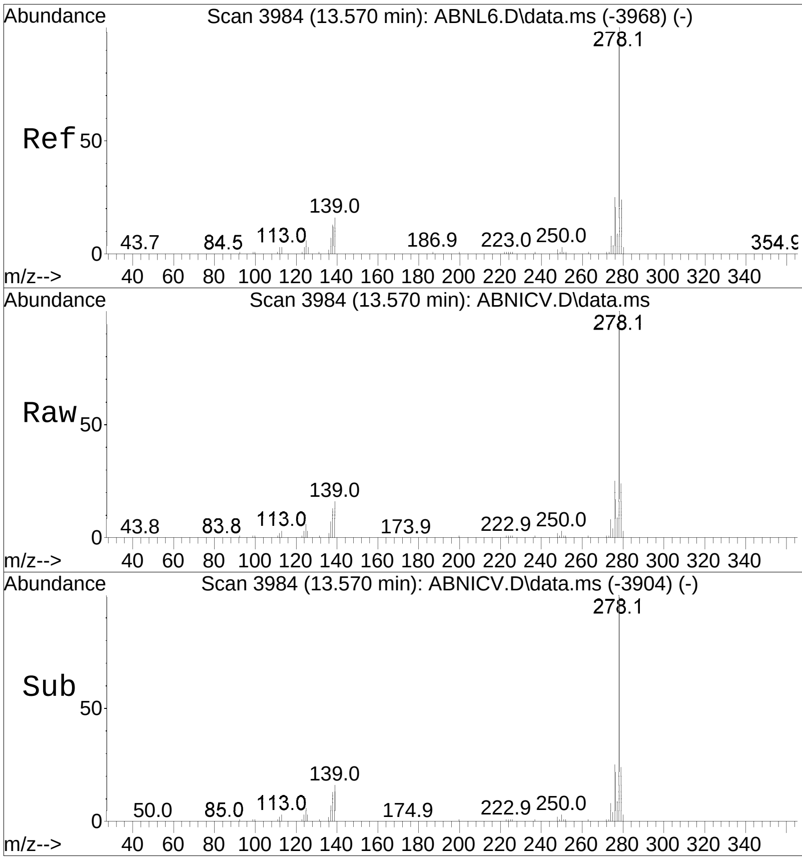


#116
Indeno(1,2,3-cd)pyrene
Concen: 4.58 ug/mL
RT: 13.545 min Scan# 3976
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:276 Resp: 292191

Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.1	37.7#
277	23.1	18.6	28.0

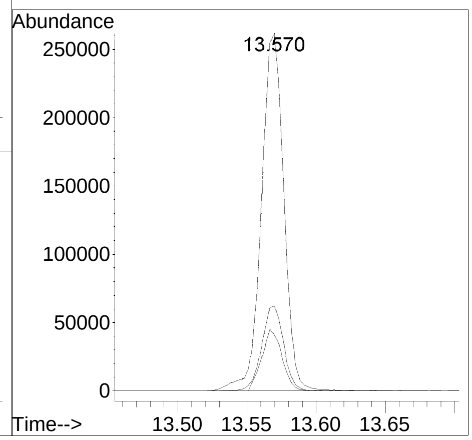


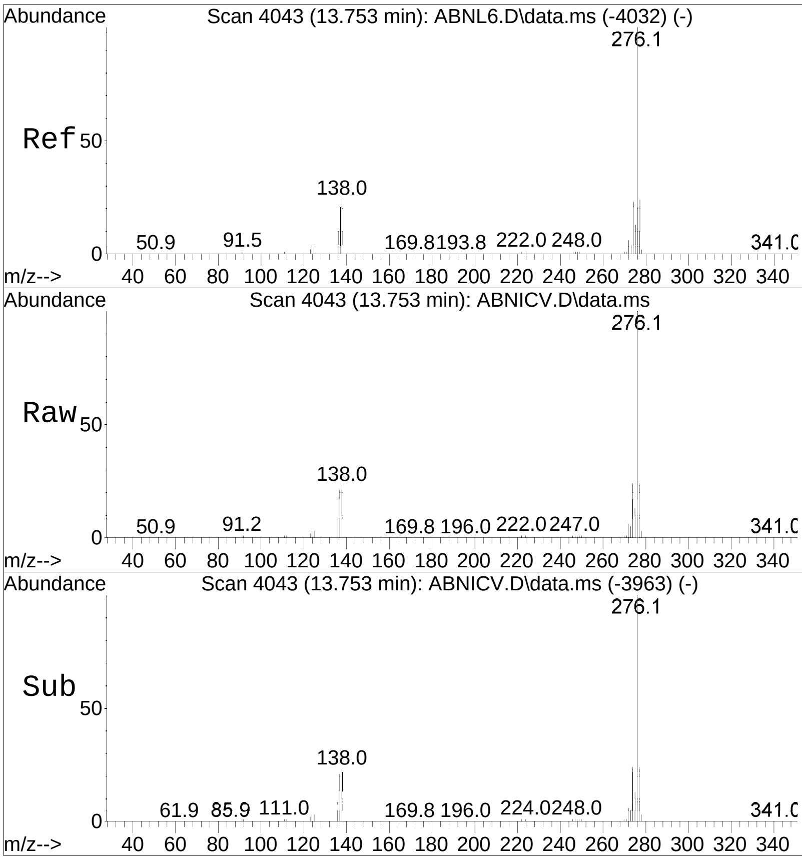


#117
Dibenzo(a,h)anthracene
Concen: 4.67 ug/ml
RT: 13.570 min Scan# 3984
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:278 Resp: 293099

Ion	Ratio	Lower	Upper
278	100		
139	15.6	20.8	31.2#
279	23.3	18.3	27.5

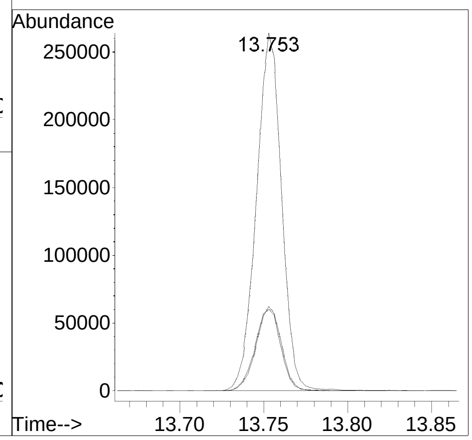




#118
Benzo(ghi)perylene
Concen: 4.45 ug/ml
RT: 13.753 min Scan# 4043
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 5 Nov 2024 11:59 pm

Tgt Ion:276 Resp: 274527

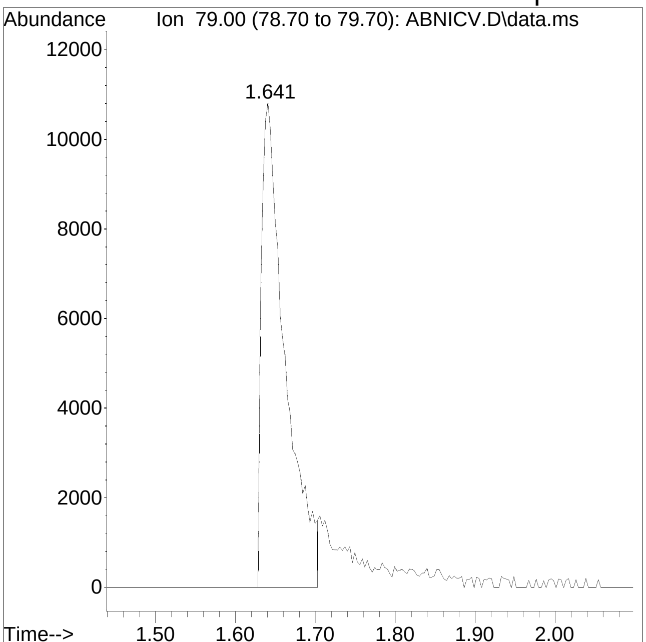
Ion	Ratio	Lower	Upper
276	100		
138	23.4	29.2	43.8#
277	23.6	18.8	28.2

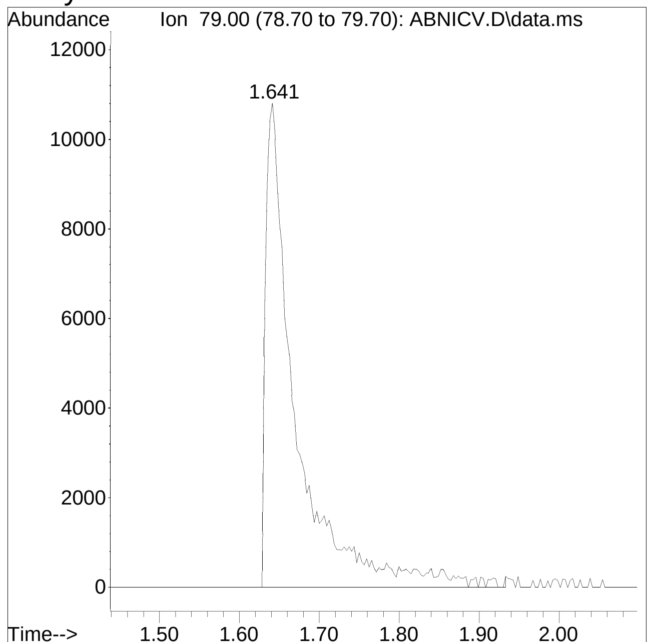


Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQMethod : FS241105RVT_Dakota.m
Data File : ABNICV.D Operator : Dakota:HNY
Date Inj'd : 11/5/2024 11:59 pm Instrument : Dakota
Sample : CQICV1,32,,ABNICV Lot# 111Quant Date : 11/11/2024 3:35 pm

Compound #3: Pyridine





Original Peak Response = 22333 Manual Peak Response = 28316 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9ICV.D
Acq On : 6 Nov 2024 12:23 am
Operator : Dakota:HNY
Sample : CQICV2,32,,AP9ICV Lot# 11139
Misc : WG1994500
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 10:19:36 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 10:13:33 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
28	T	Benzaldehyde	0.703	0.766	-9.0	102	0.00
29	T	Acetophenone	1.403	1.539	-9.7	107	0.00
30	T	m-Toluidine	1.287	1.347	-4.7	103	0.00
31	T	2-Chloroaniline	1.368	1.507	-10.2	107	0.00
57	I	IS2_Naphthalene-d8	1.000	1.000	0.0	105	0.00
58	T	a-Terpineol	0.221	0.239	-8.1	107	0.00
59	T	3-Chloroaniline	0.115	0.123	-7.0	103	0.00
60	T	2,6-Dichlorophenol	0.296	0.316	-6.8	104	0.00
61	T	1-chloro-2-nitrobenzene	0.113	0.122	-8.0	102	0.00
62	T	Caprolactam	0.123	0.131	-6.5	109	0.00
63	T	1,2,4,5-Tetrachlorobenzene	0.413	0.446	-8.0	108	0.00
64	T	Biphenyl	0.842	0.904	-7.4	106	0.00
85	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	103	0.00
86	T	Dichloran	0.169	0.181	-7.1	112	0.00
87	T	Pentachloronitrobenzene	0.187	0.195	-4.3	111	0.00
100	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	102	0.00
101	T	Diphenamid	0.416	0.467	-12.3	110	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9ICV.D
Acq On : 6 Nov 2024 12:23 am
Operator : Dakota:HNY
Sample : CQICV2,32,,AP9ICV Lot# 11139
Misc : WG1994500
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 10:19:36 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 10:13:33 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.282	152	28764	4.000 ug/ml	0.00
Standard Area 1 = 28342			Recovery =	101.49%	
57) IS2_Naphthalene-d8	5.519	136	103898	4.000 ug/ml	0.00
Standard Area 1 = 98544			Recovery =	105.43%	
85) IS2_Acenaphthene-d10	7.210	164	66081	4.000 ug/ml	0.00
Standard Area 1 = 64361			Recovery =	102.67%	
100) IS2_Phenanthrene-d10	8.621	188	145261	4.000 ug/ml	0.00
Standard Area 1 = 142493			Recovery =	101.94%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	3.847	105	27551	5.446 ug/ml	95
29) Acetophenone	4.693	105	55323	5.482 ug/ml#	80
30) m-Toluidine	4.780	106	48432	5.234 ug/ml	94
31) 2-Chloroaniline	5.134	127	54178	5.507 ug/ml#	90
58) a-Terpineol	5.588	59	30996	5.390 ug/ml#	78
59) 3-Chloroaniline	5.600	65	15940	5.355 ug/ml	85
60) 2,6-Dichlorophenol	5.625	162	41042	5.346 ug/ml#	83
61) 1-chloro-2-nitrobenzene	5.877	111	15818	5.368 ug/ml#	1
62) Caprolactam	5.914	55	17075	5.349 ug/ml#	71
63) 1,2,4,5-Tetrachloroben...	6.387	216	57983	5.406 ug/ml#	94
64) Biphenyl	6.679	154	117373	5.369 ug/ml	97
86) Dichloran	8.332	206	14931	5.349 ug/ml#	56
87) Pentachloronitrobenzene	8.478	237	16109	5.227 ug/ml#	75
101) Diphenamid	9.535	167	84796	5.614 ug/ml#	75

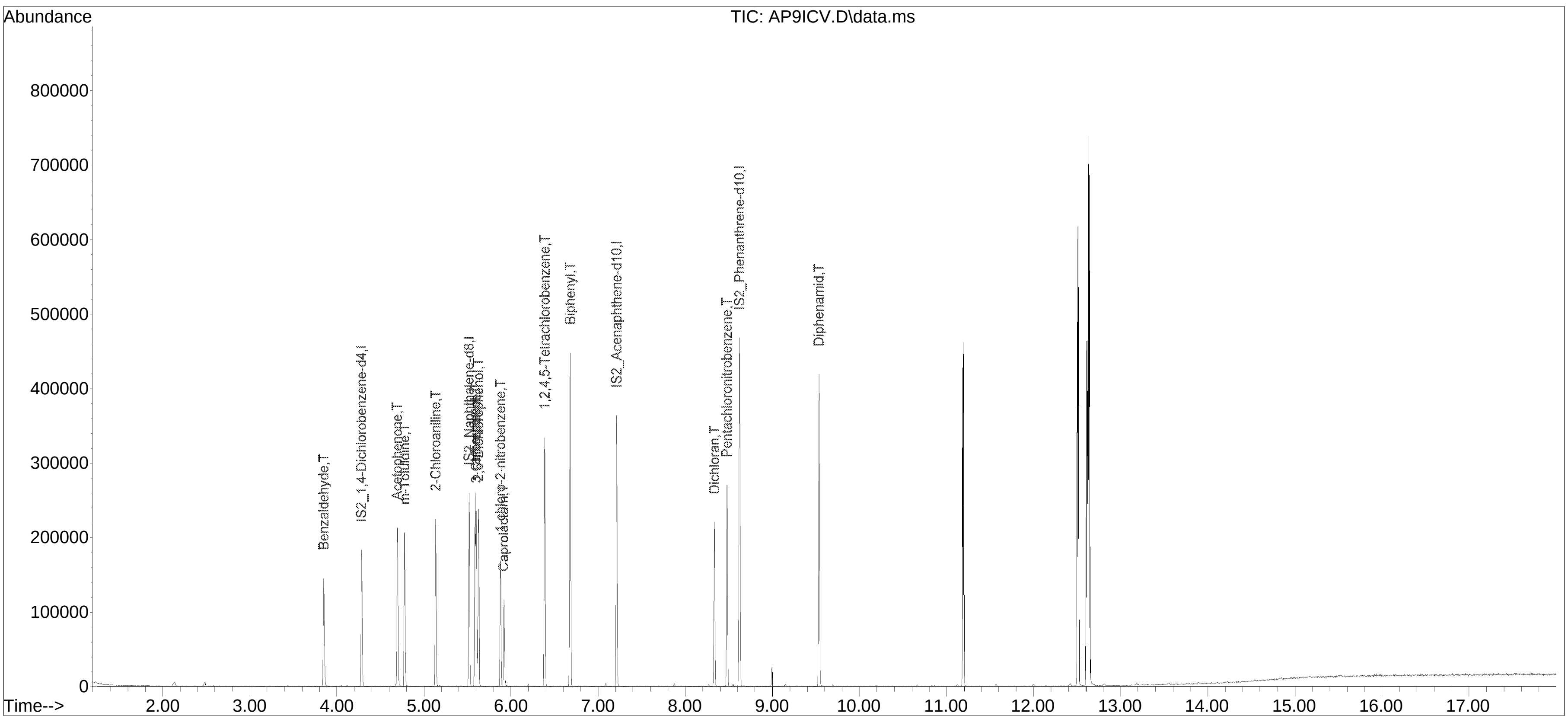
(#) = qualifier out of range (m) = manual integration (+) = signals summed

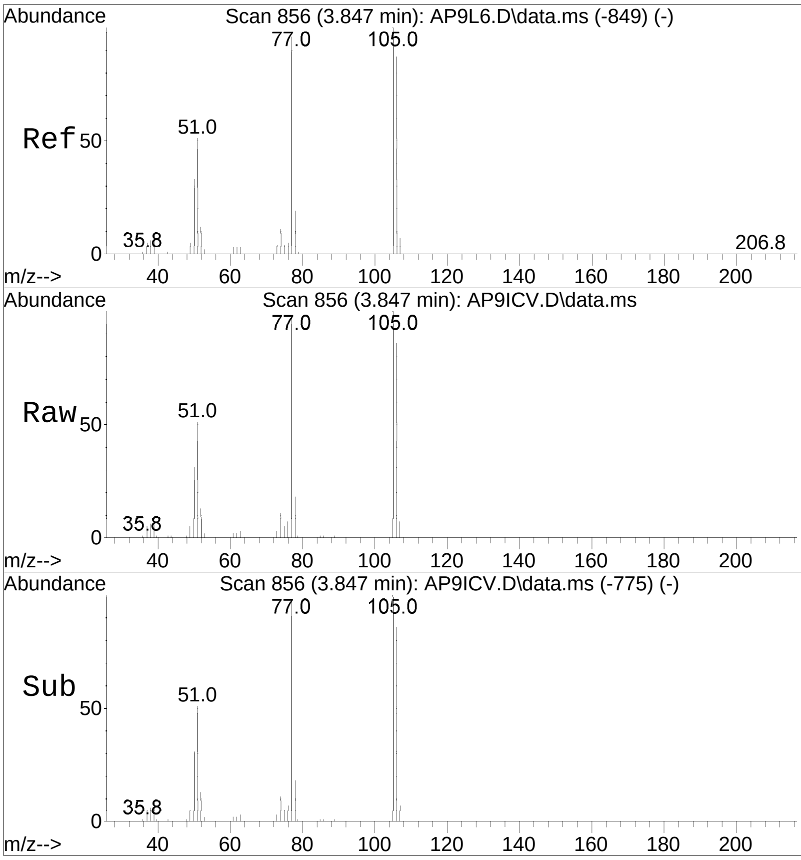
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : AP9ICV.D
Acq On : 6 Nov 2024 12:23 am
Operator : Dakota:HNY
Sample : CQICV2,32,,AP9ICV Lot# 11139
Misc : WG1994500
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 10:19:36 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 10:13:33 2024
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistVTICAL\AP9L6.D•

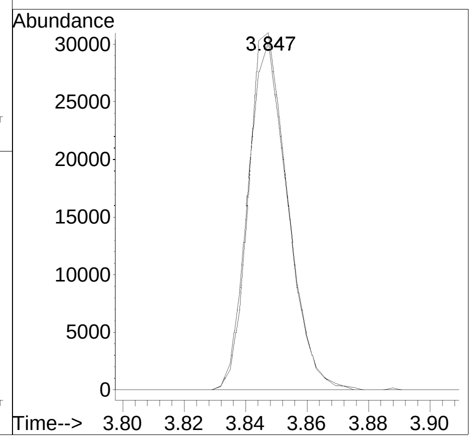


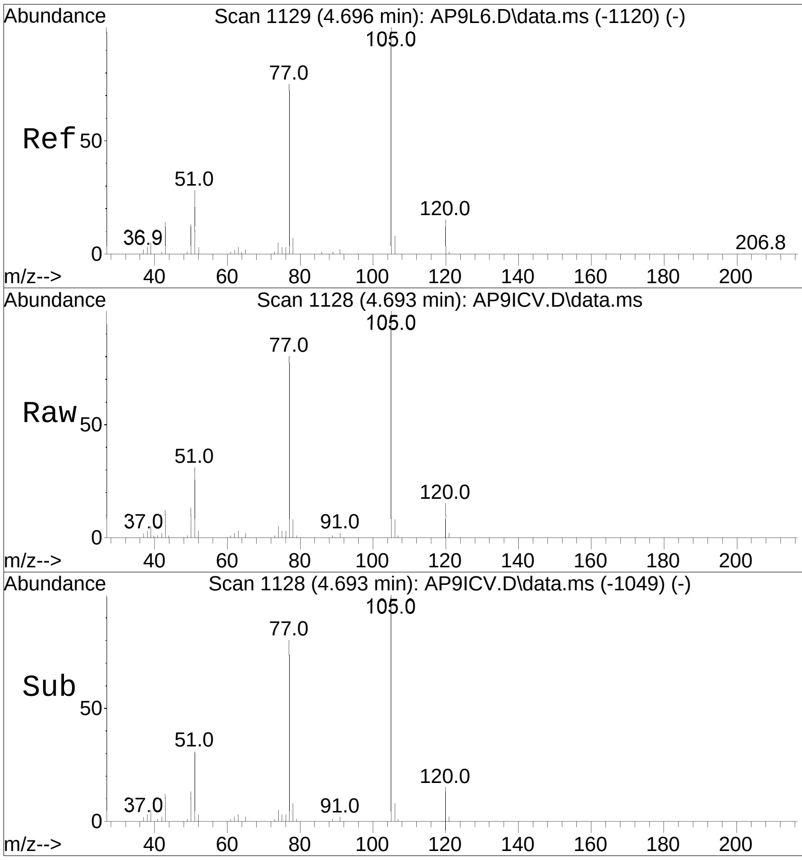


#28
Benzaldehyde
Concen: 5.45 ug/ml
RT: 3.847 min Scan# 856
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion:105 Resp: 27551

Ion	Ratio	Lower	Upper
105	100		
77	98.2	82.2	123.4

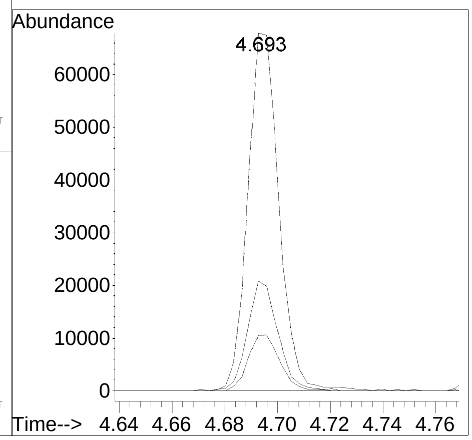


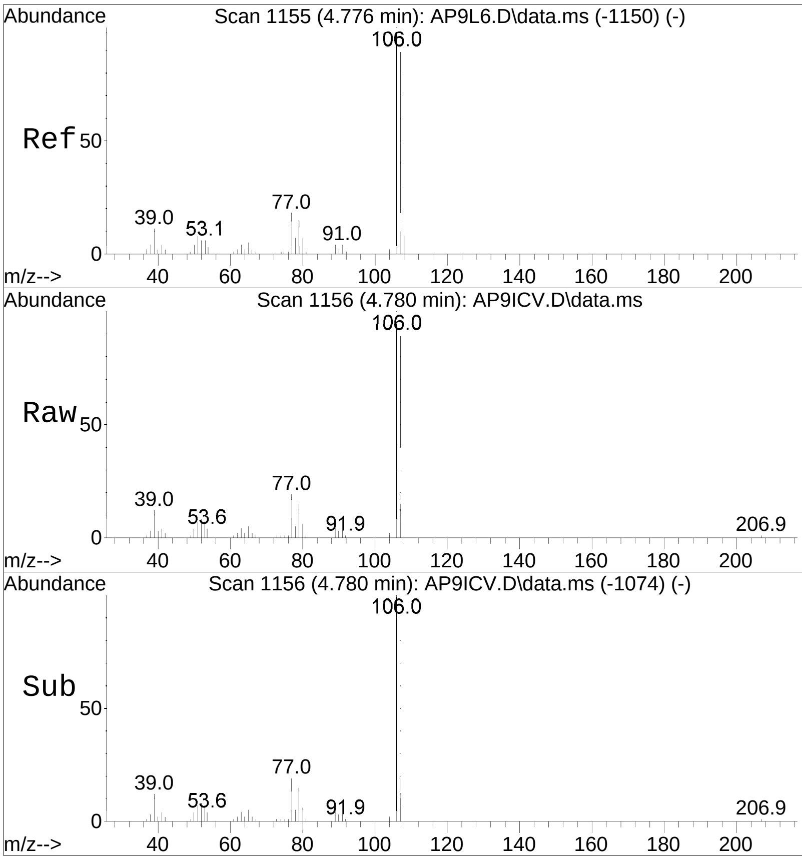


#29
Acetophenone
Concen: 5.48 ug/ml
RT: 4.693 min Scan# 1128
Delta R.T. -0.003 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion:105 Resp: 55323

Ion	Ratio	Lower	Upper
105	100		
120	15.8	20.5	30.7#
51	30.2	34.9	52.3#

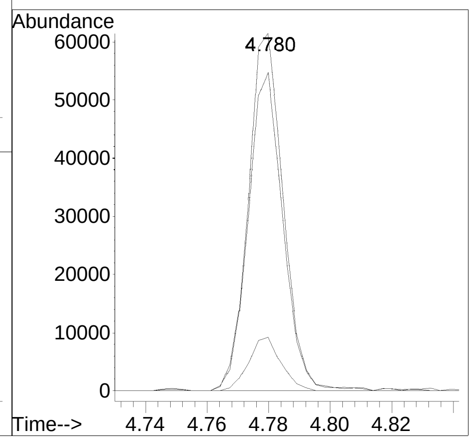


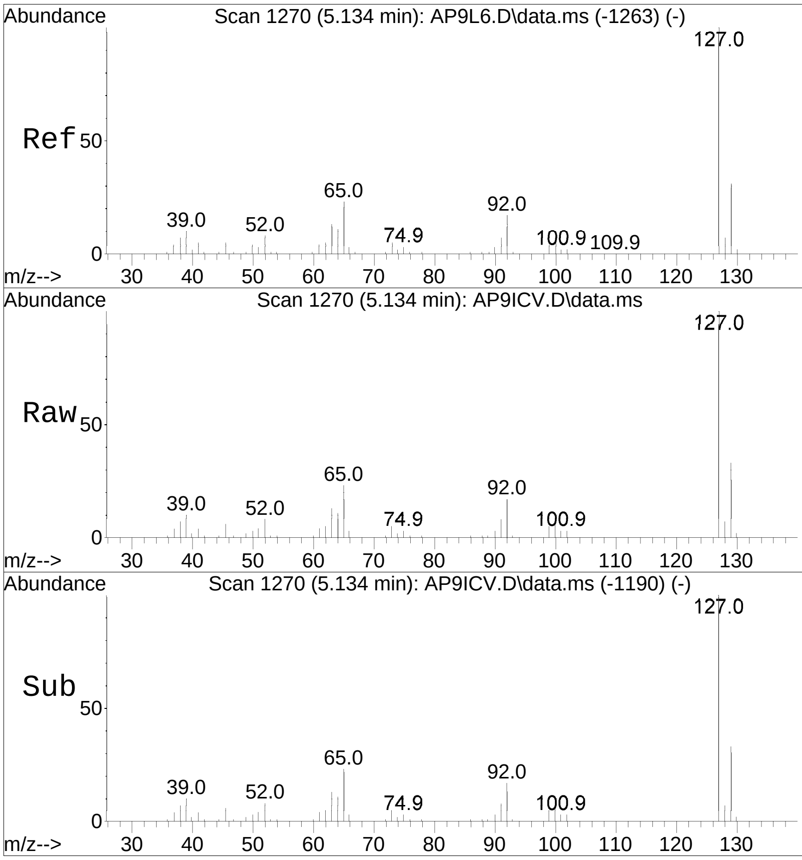


#30
m-Toluidine
Concen: 5.23 ug/ml
RT: 4.780 min Scan# 1156
Delta R.T. 0.004 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion:106 Resp: 48432

Ion	Ratio	Lower	Upper
106	100		
107	88.6	75.7	113.5
79	13.8	11.8	17.8

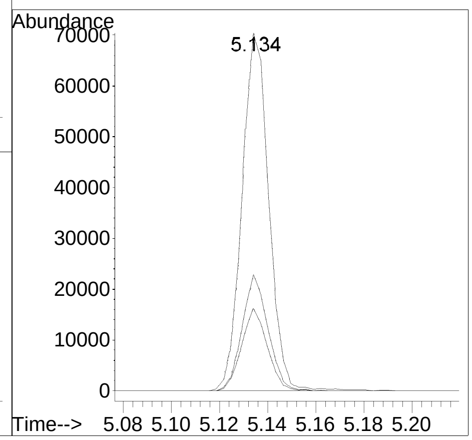


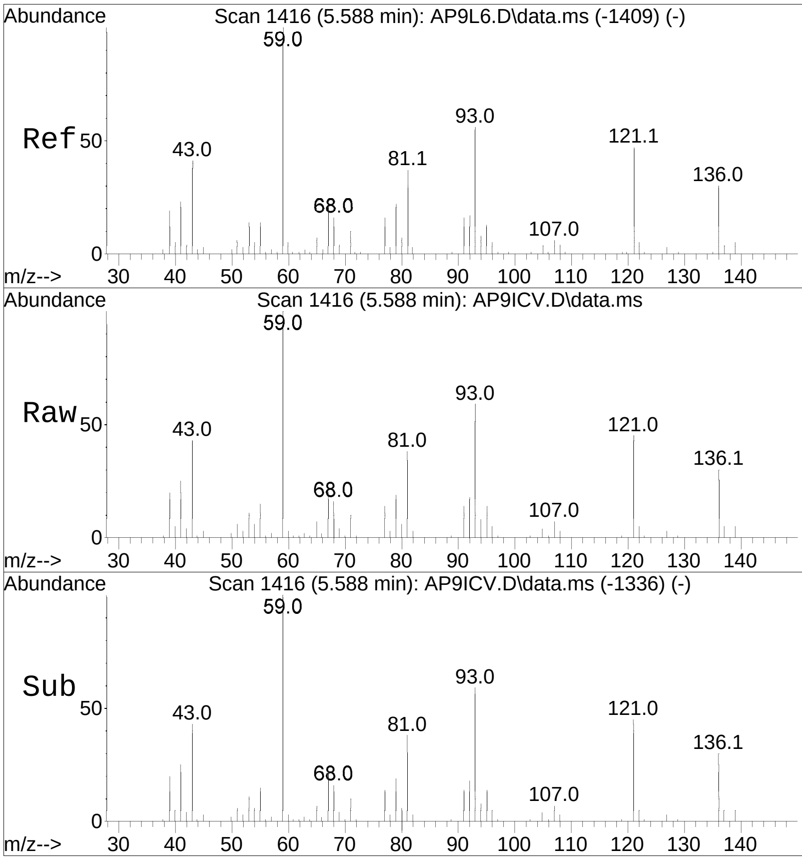


#31
2-Chloroaniline
Concen: 5.51 ug/ml
RT: 5.134 min Scan# 1270
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion:127 Resp: 54178

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	22.2	26.3	39.5#

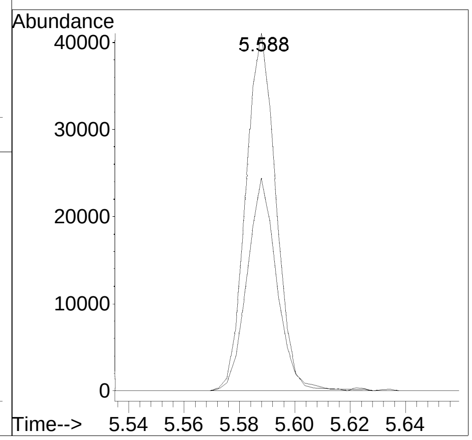


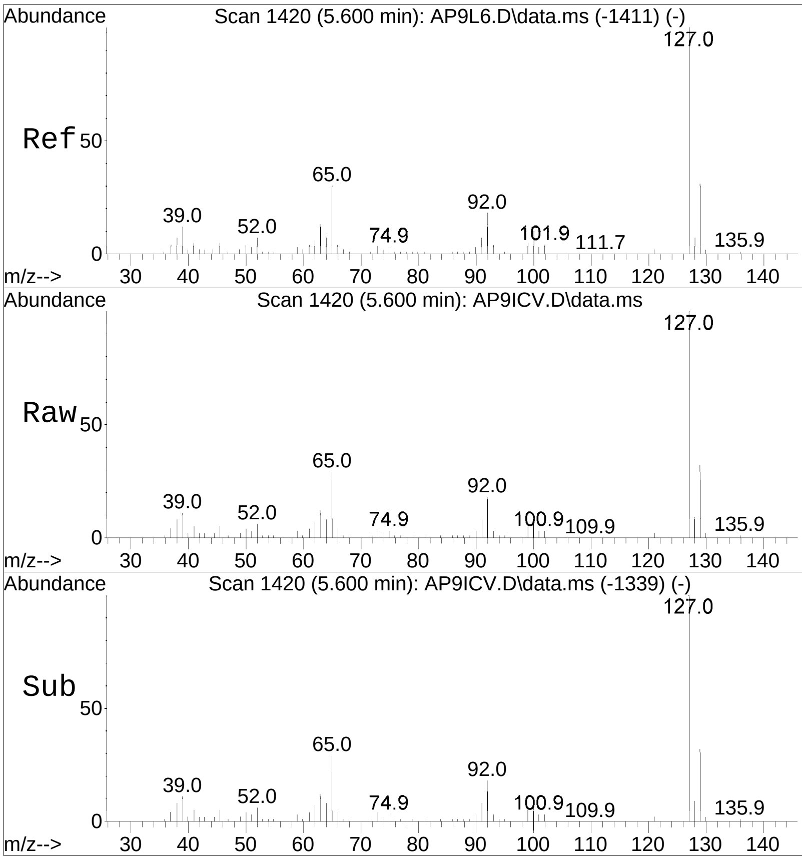


#58
a-Terpineol
Concen: 5.39 ug/ml
RT: 5.588 min Scan# 1416
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion: 59 Resp: 30996

Ion	Ratio	Lower	Upper
59	100		
93	58.9	35.6	53.4#

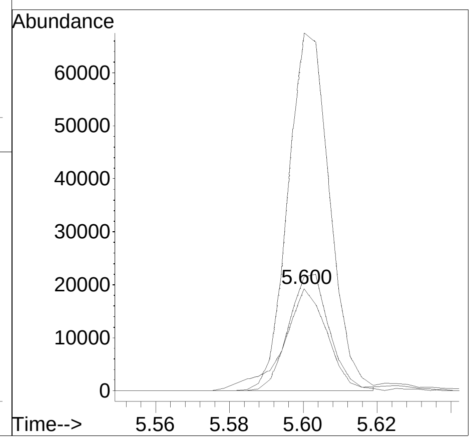


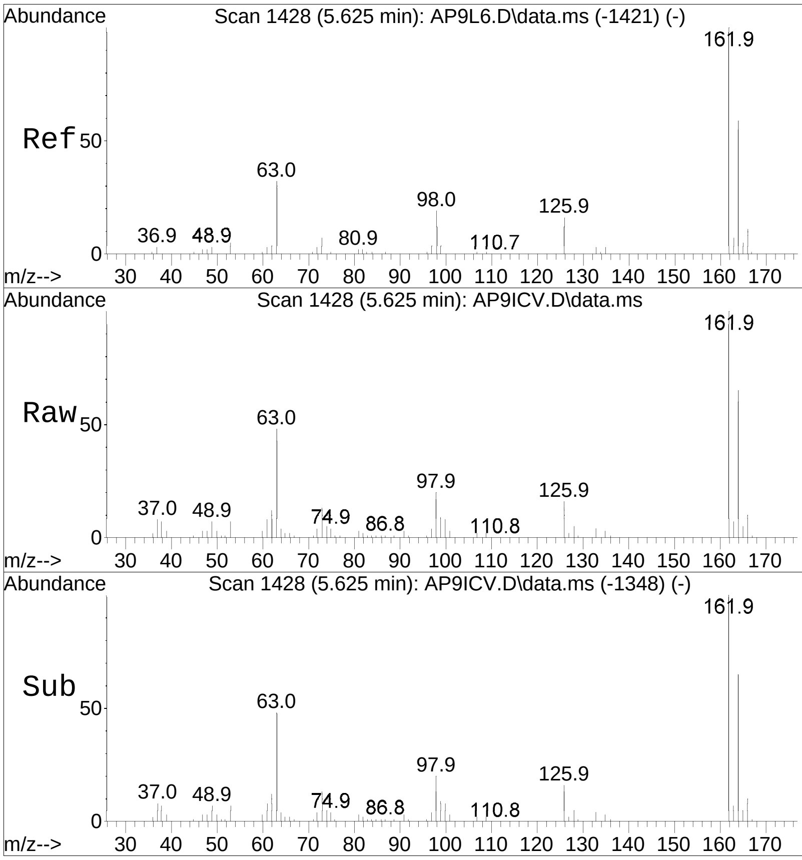


#59
3-Chloroaniline
Concen: 5.36 ug/ml
RT: 5.600 min Scan# 1420
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion: 65 Resp: 15940

Ion	Ratio	Lower	Upper
65	100		
127	337.6	243.2	364.8
129	105.3	78.8	118.2

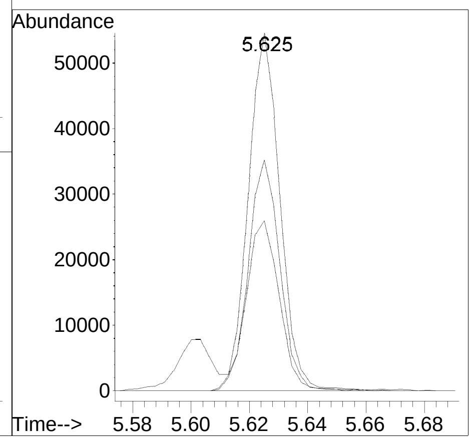


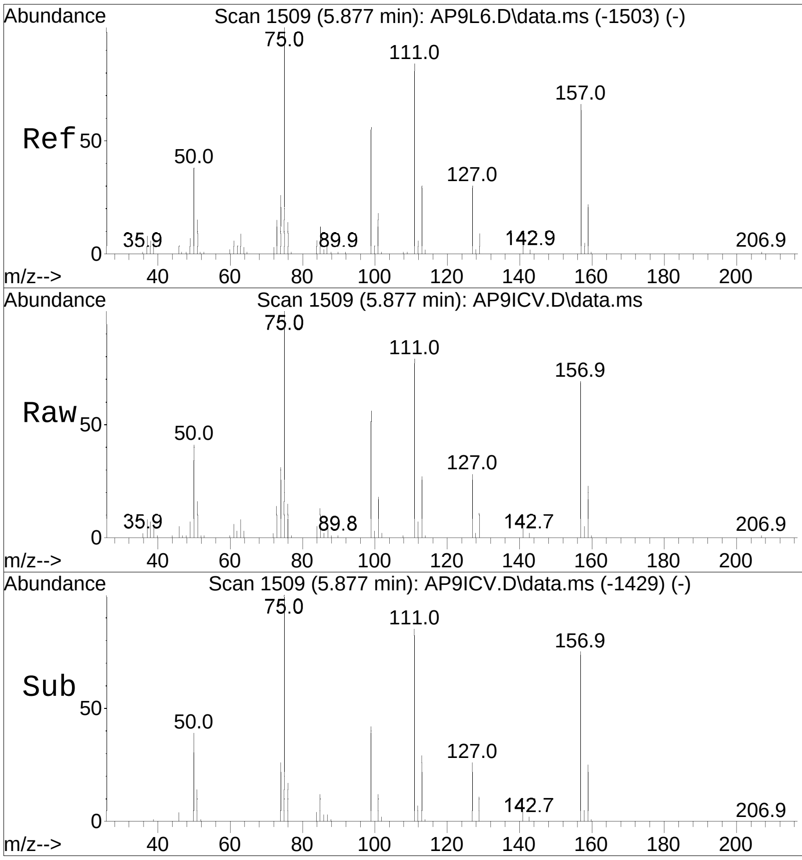


#60
2,6-Dichlorophenol
Concen: 5.35 ug/ml
RT: 5.625 min Scan# 1428
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion:162 Resp: 41042

Ion	Ratio	Lower	Upper
162	100		
164	64.6	51.1	76.7
63	49.9	60.8	91.2#

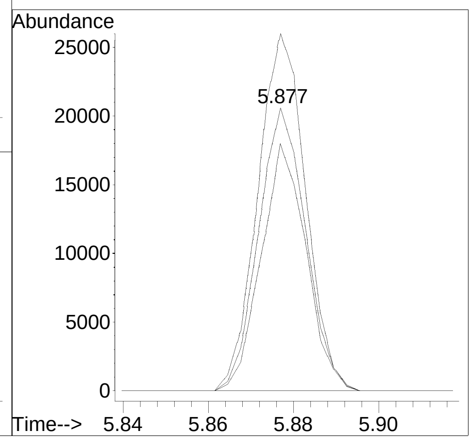


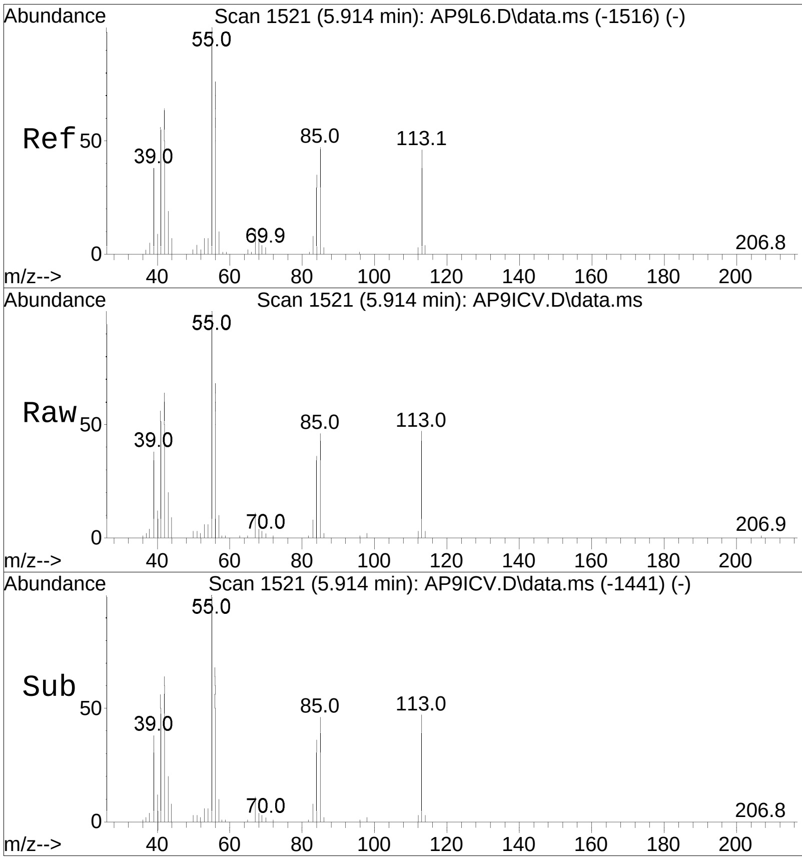


#61
1-chloro-2-nitrobenzene
Concen: 5.37 ug/ml
RT: 5.877 min Scan# 1509
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion:111 Resp: 15818

Ion	Ratio	Lower	Upper
111	100		
157	83.1	0.0	0.0#
75	127.9	28.2	42.2#

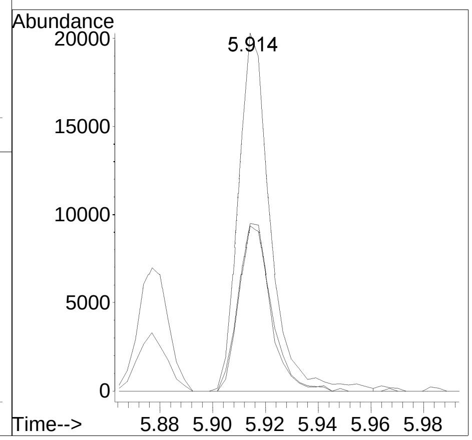


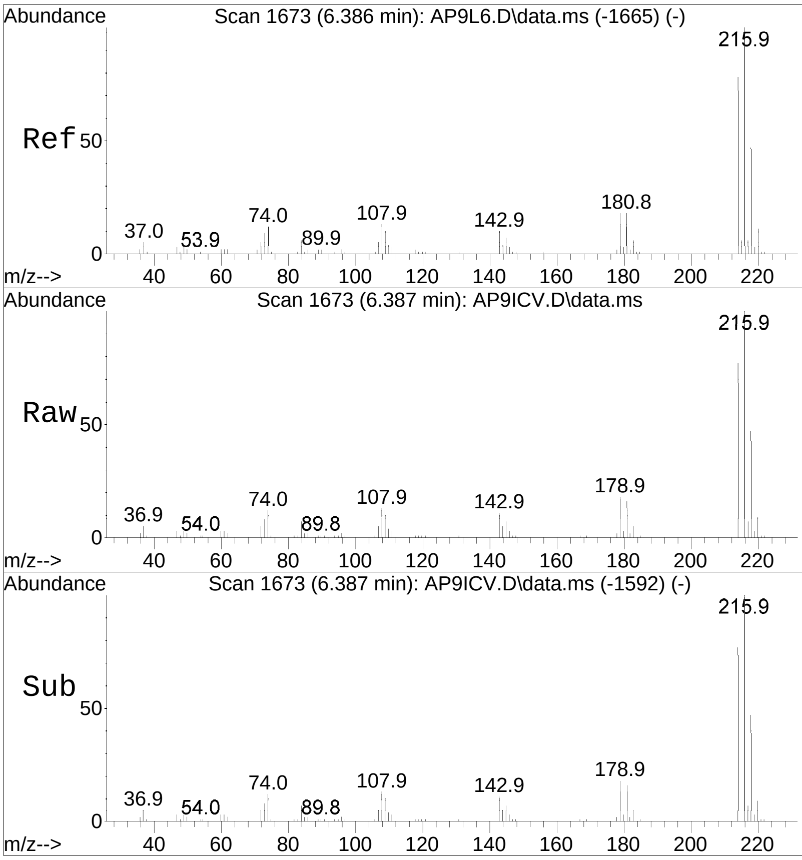


#62
Caprolactam
Concen: 5.35 ug/ml
RT: 5.914 min Scan# 1521
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion: 55 Resp: 17075

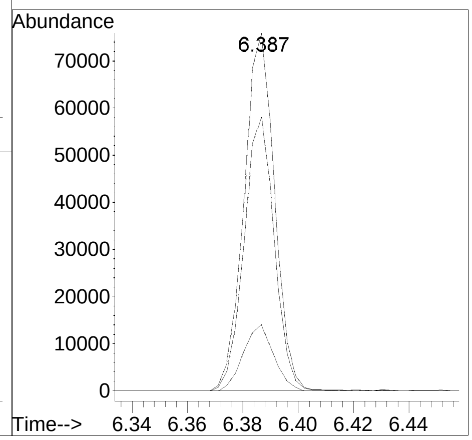
Ion	Ratio	Lower	Upper
55	100		
85	45.5	19.8	29.6#
113	48.9	29.6	44.4#

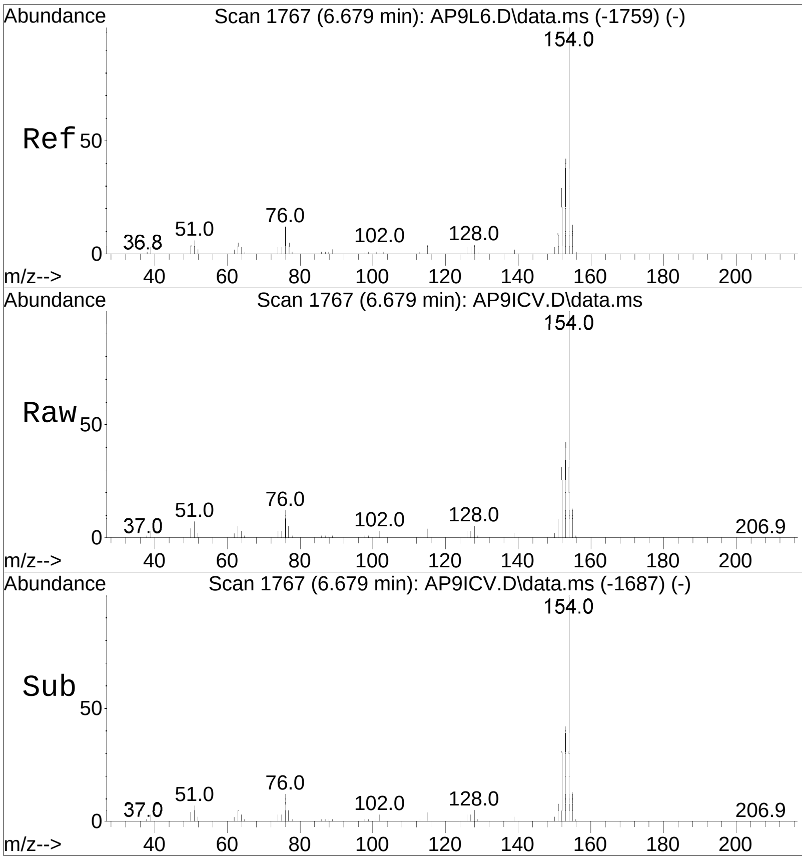




#63
1,2,4,5-Tetrachlorobenzene
Concen: 5.41 ug/ml
RT: 6.387 min Scan# 1673
Delta R.T. 0.001 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt	Ion:216	Resp:	57983
Ion	Ratio	Lower	Upper
216	100		
214	75.8	63.7	95.5
179	18.4	19.0	28.6#

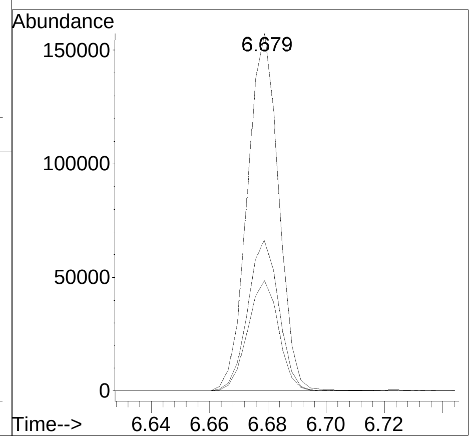


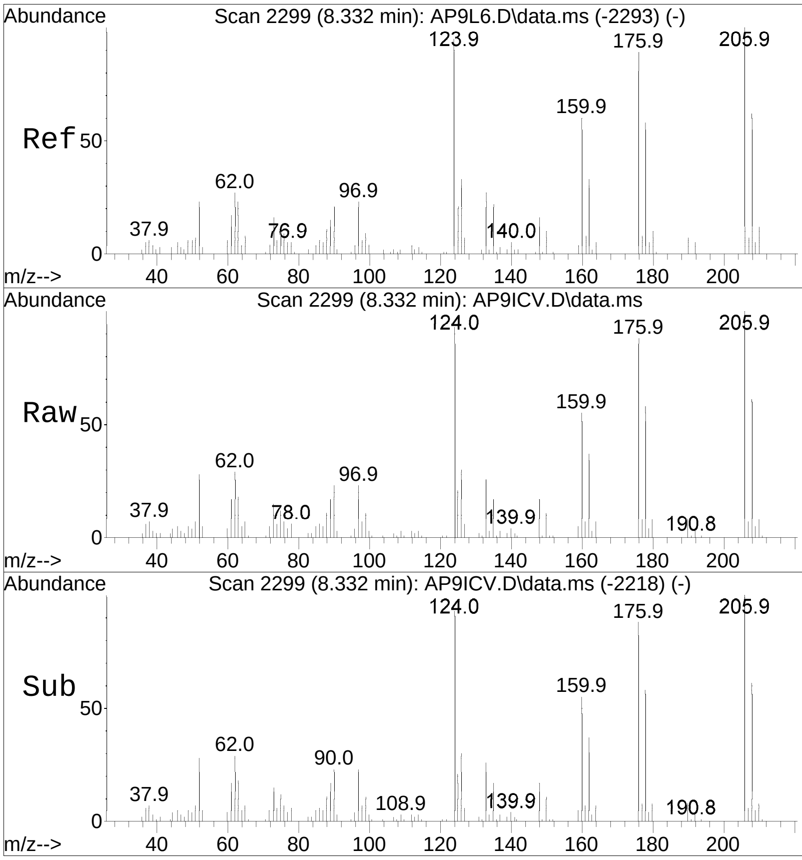


#64
Biphenyl
Concen: 5.37 ug/ml
RT: 6.679 min Scan# 1767
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion:154 Resp: 117373

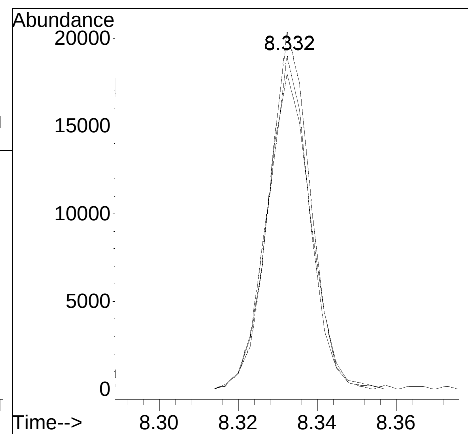
Ion	Ratio	Lower	Upper
154	100		
153	41.8	32.3	48.5
152	30.6	22.5	33.7

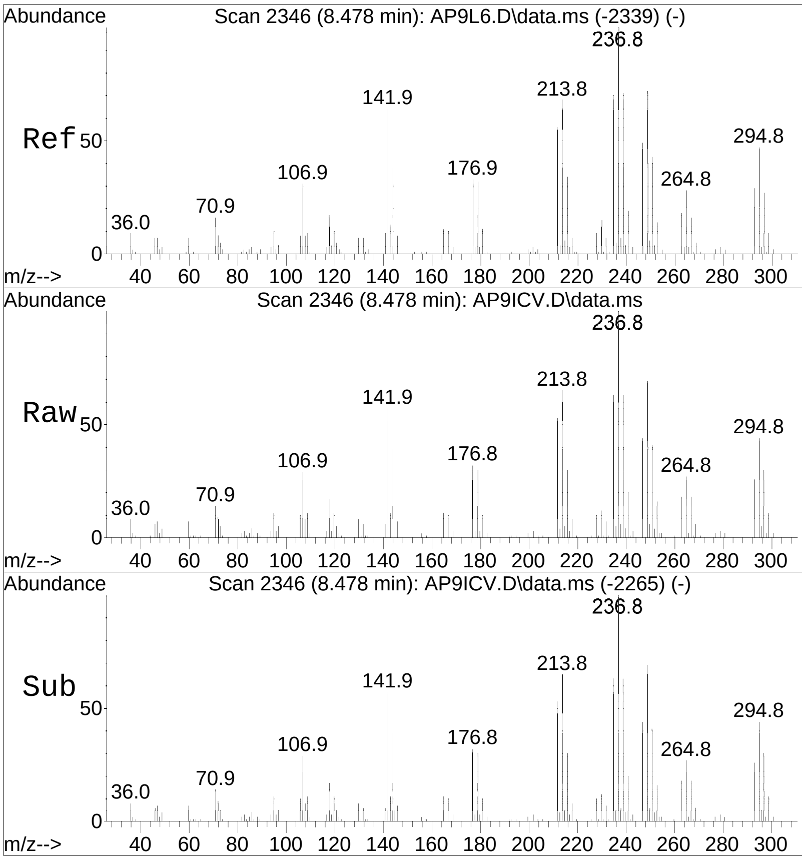




#86
Dichloran
Concen: 5.35 ug/ml
RT: 8.332 min Scan# 2299
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion:206	Resp:	14931	
Ion	Ratio	Lower	Upper
206	100		
176	92.1	104.6	157.0#
124	93.6	130.5	195.7#

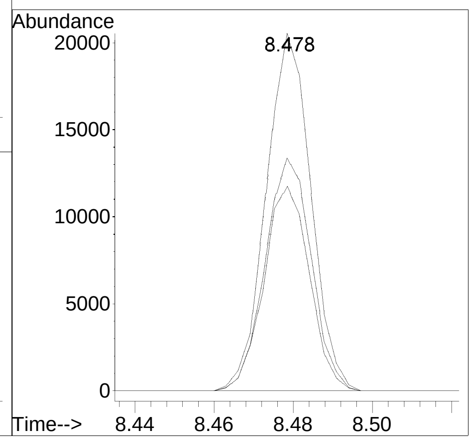


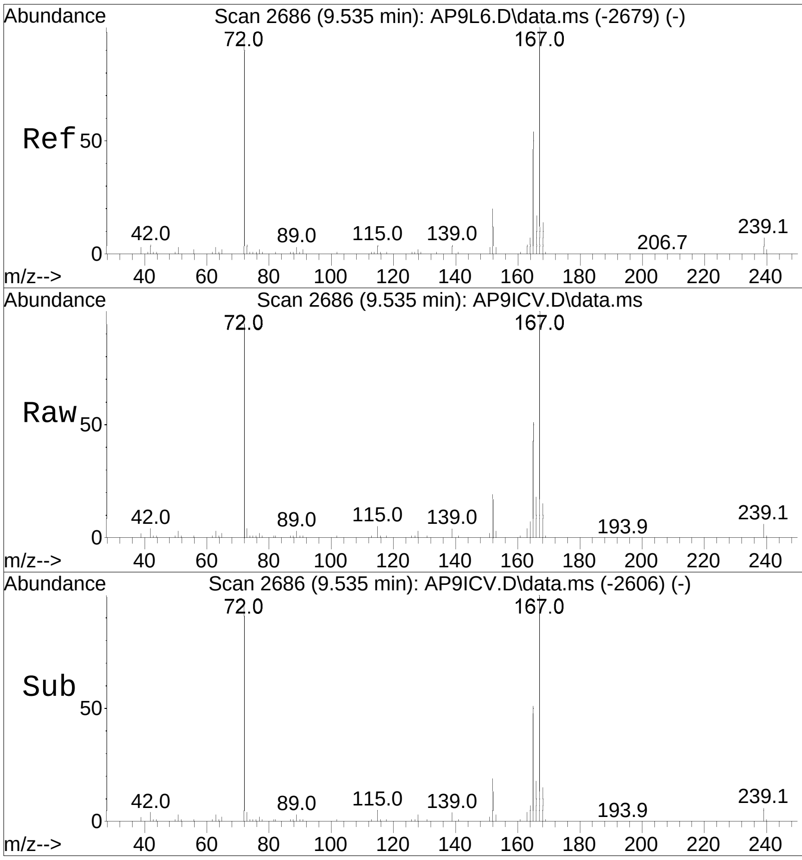


#87
Pentachloronitrobenzene
Concen: 5.23 ug/ml
RT: 8.478 min Scan# 2346
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion:237 Resp: 16109

Ion	Ratio	Lower	Upper
237	100		
142	58.5	77.0	115.4#
214	67.2	58.2	87.4

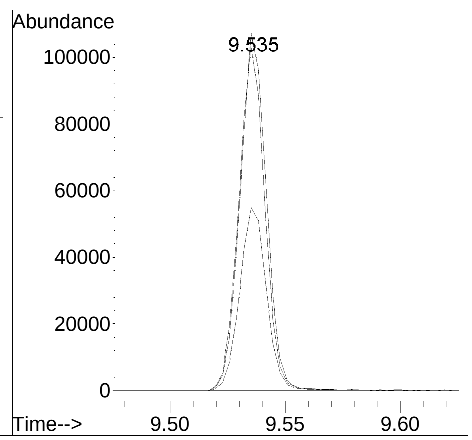




#101
Diphenamid
Concen: 5.61 ug/ml
RT: 9.535 min Scan# 2686
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 6 Nov 2024 12:23 am

Tgt Ion:167 Resp: 84796

Ion	Ratio	Lower	Upper
167	100		
72	95.3	109.7	164.5#
165	52.6	41.8	62.6



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : AP9ICV.D                 Operator    : Dakota:HNY
Date Inj'd  : 11/6/2024 12:23 am       Instrument  : Dakota
Sample      : CQICV2,32,,AP9ICV Lot# 111Quant Date  : 11/6/2024 10:19 am
```

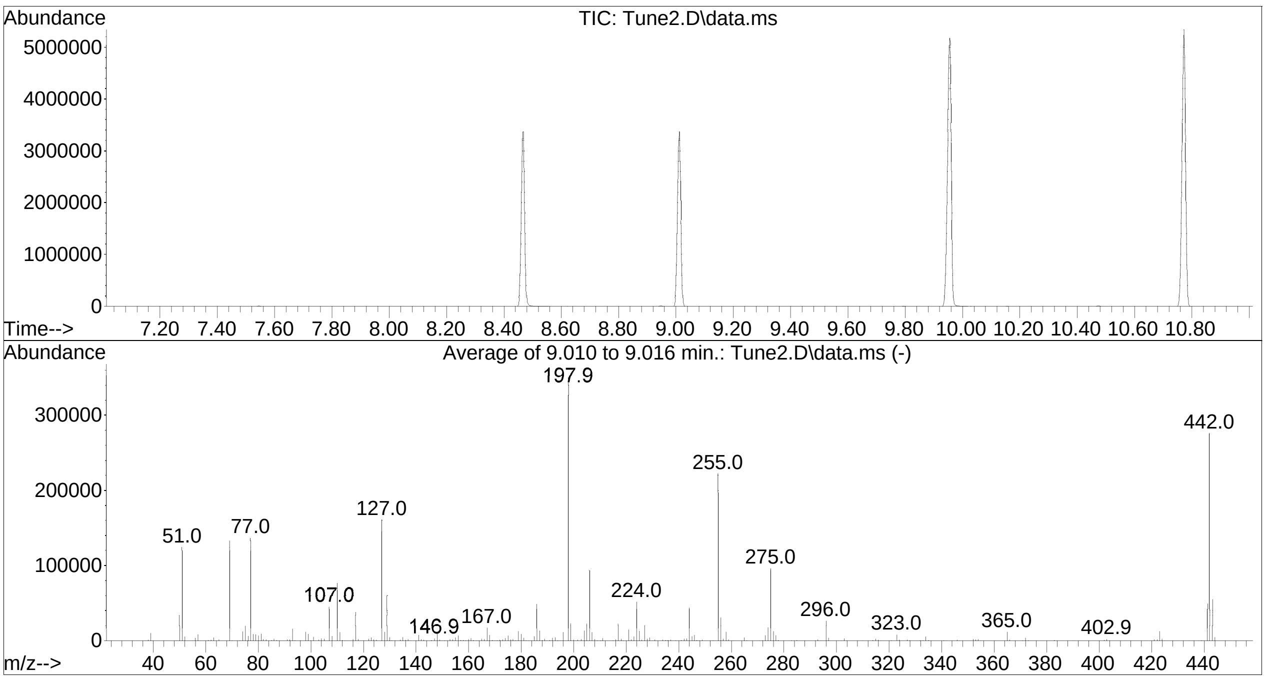
There are no manual integrations or false positives in this file.

DFTPP

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : Tune2.D
Acq On : 6 Nov 2024 12:46 am
Operator : Dakota:HNY
Sample : Tune2 Lot # 11144
Misc : WG1994500
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Nov 11 15:34:18 2024



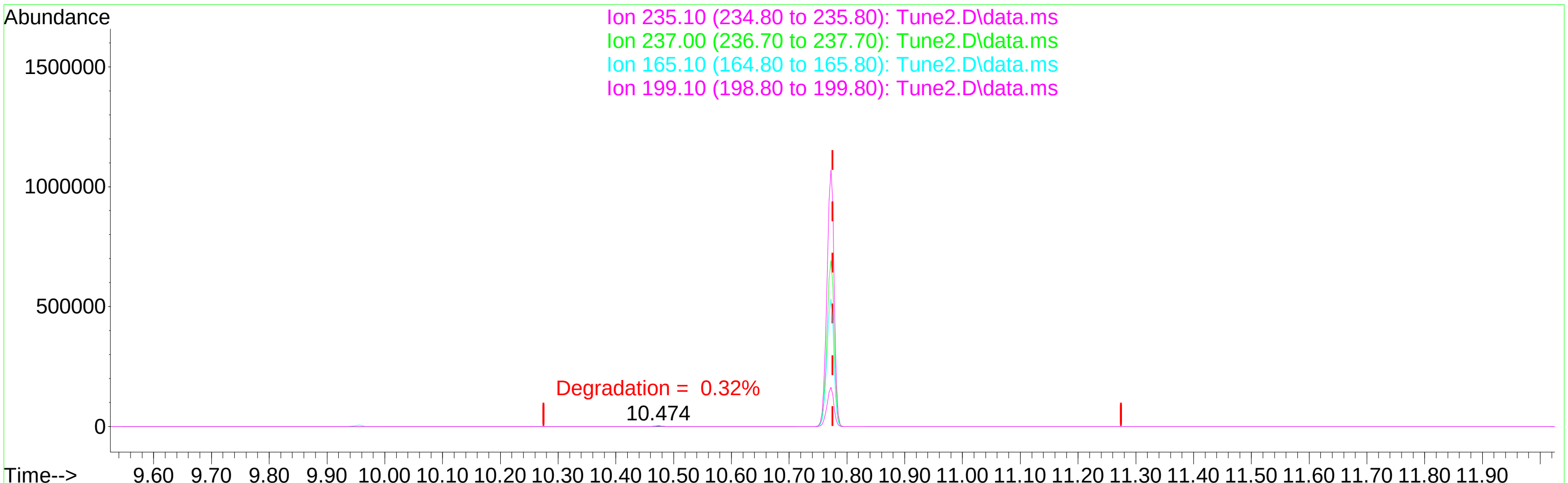
Spectrum Information: Average of 9.010 to 9.016 min.

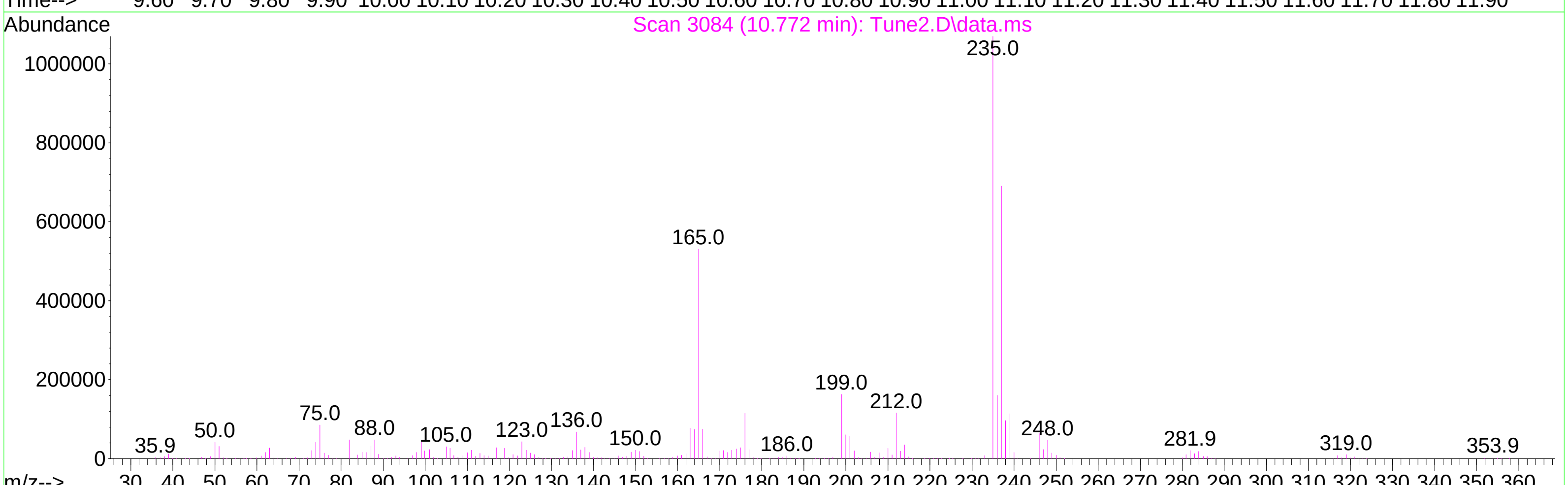
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	35.4	124264	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	132925	PASS
70	69	0.00	2	0.6	743	PASS
127	198	10	80	45.9	160797	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	350613	PASS
199	198	5	9	6.6	23221	PASS
275	198	10	60	27.4	95952	PASS
365	198	1	100	3.3	11616	PASS
441	442	0.01	24	17.8	49075	PASS
442	198	50	100	78.8	276117	PASS
443	442	15	24	19.8	54664	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : Tune2.D
Acq On : 6 Nov 2024 12:46 am
Operator : Dakota:HNY
Sample : Tune2 Lot # 11144
Misc : WG1994500
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Nov 06 05:42:03 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\DftppDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Nov 01 13:11:54 2024
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot # 11144]

(6) DDT (T)

10.772min (-0.003) 153.25

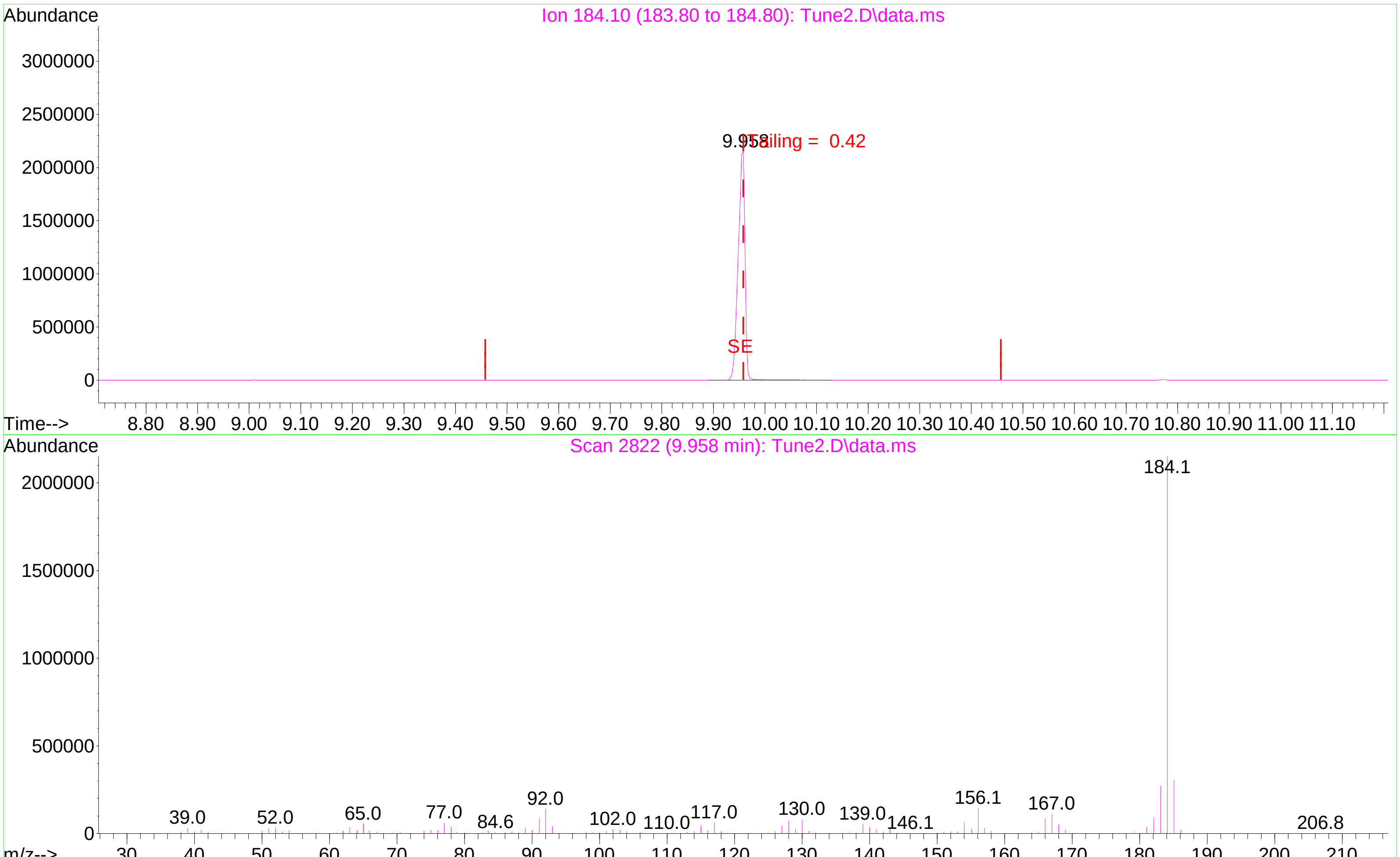
response 934167

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.90	64.21
165.10	48.70	47.94
199.10	15.80	14.64

Quantitation Report (Qedit)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : Tune2.D
Acq On : 6 Nov 2024 12:46 am
Operator : Dakota:HNY
Sample : Tune2 Lot # 11144
Misc : WG1994500
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Nov 06 05:42:03 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\DftppDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Nov 01 13:11:54 2024
Response via : Initial Calibration



CHROMtools™ [Tune2 Lot # 11144]

(3) Benzidine (T)

9.958min (-0.000) 193.14

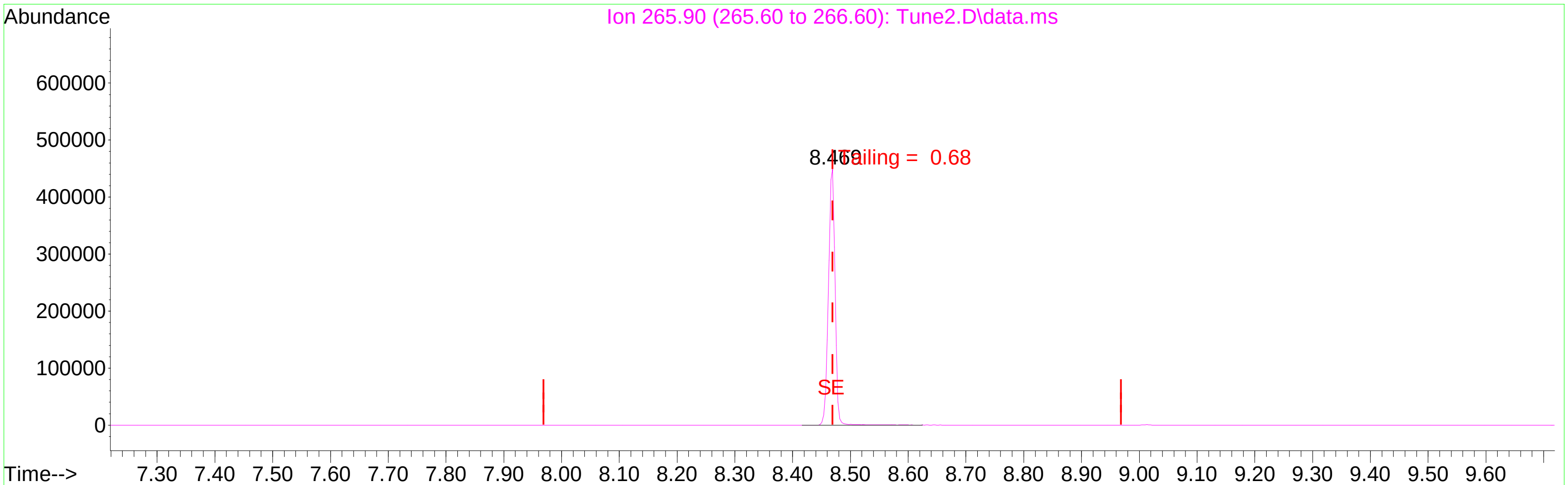
response 1966199

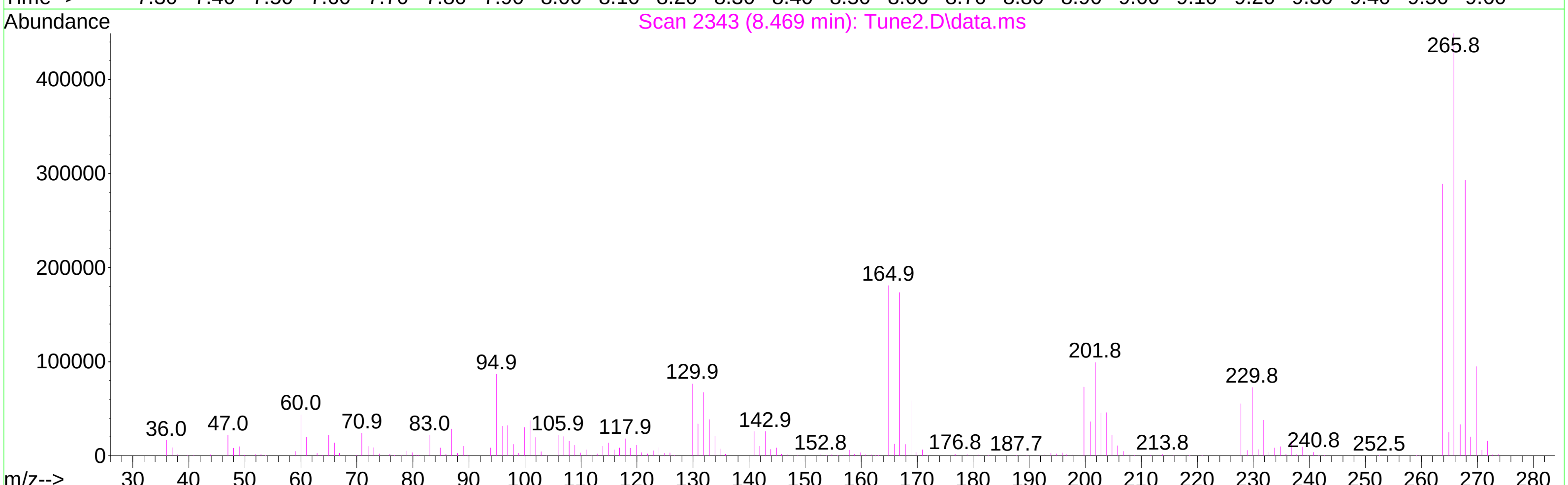
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : Tune2.D
Acq On : 6 Nov 2024 12:46 am
Operator : Dakota:HNY
Sample : Tune2 Lot # 11144
Misc : WG1994500
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Nov 06 05:42:03 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\DftppDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Nov 01 13:11:54 2024
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot # 11144]

(1) Pentachlorophenol (T)

8.469min (+ 0.000) 171.00

response 359167

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL9.D
Acq On : 6 Nov 2024 1:10 am
Operator : Dakota:HNY
Sample : IL2,32,,ADPL50 Lot# 11129
Misc : WG1994500
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 06 09:33:16 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ADPL6.D
Sub List : ADPical_REV3 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.283	152	28999	4.000 ug/ml	0.00
Standard Area 1 = 27034			Recovery =	107.27%	
88) IS3_Acenaphthene-d10	7.210	164	65804	4.000 ug/ml	0.00
Standard Area 1 = 60553			Recovery =	108.67%	
102) IS3_Phenanthrene-d10	8.622	188	145427	4.000 ug/ml	0.00
Standard Area 1 = 133879			Recovery =	108.63%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.392	88	141959	49.972 ug/ml#	86
34) n-Nitrosodiethylamine	3.204	102	152387	54.276 ug/ml#	58
35) n-Decane	4.186	57	401118	48.893 ug/ml#	31
36) n-Nitrosopyrrolidine	4.668	100	194528	56.865 ug/ml#	76
89) Atrazine	8.432	200	329261	44.732 ug/ml	91
103) n-Octadecane	8.637	57	671578	53.256 ug/ml#	1
104) Parathion	9.423	109	209761	74.031 ug/ml	95
105) 3,3'-Dimethylbenzidine	10.670	212	1582279	46.887 ug/ml	99

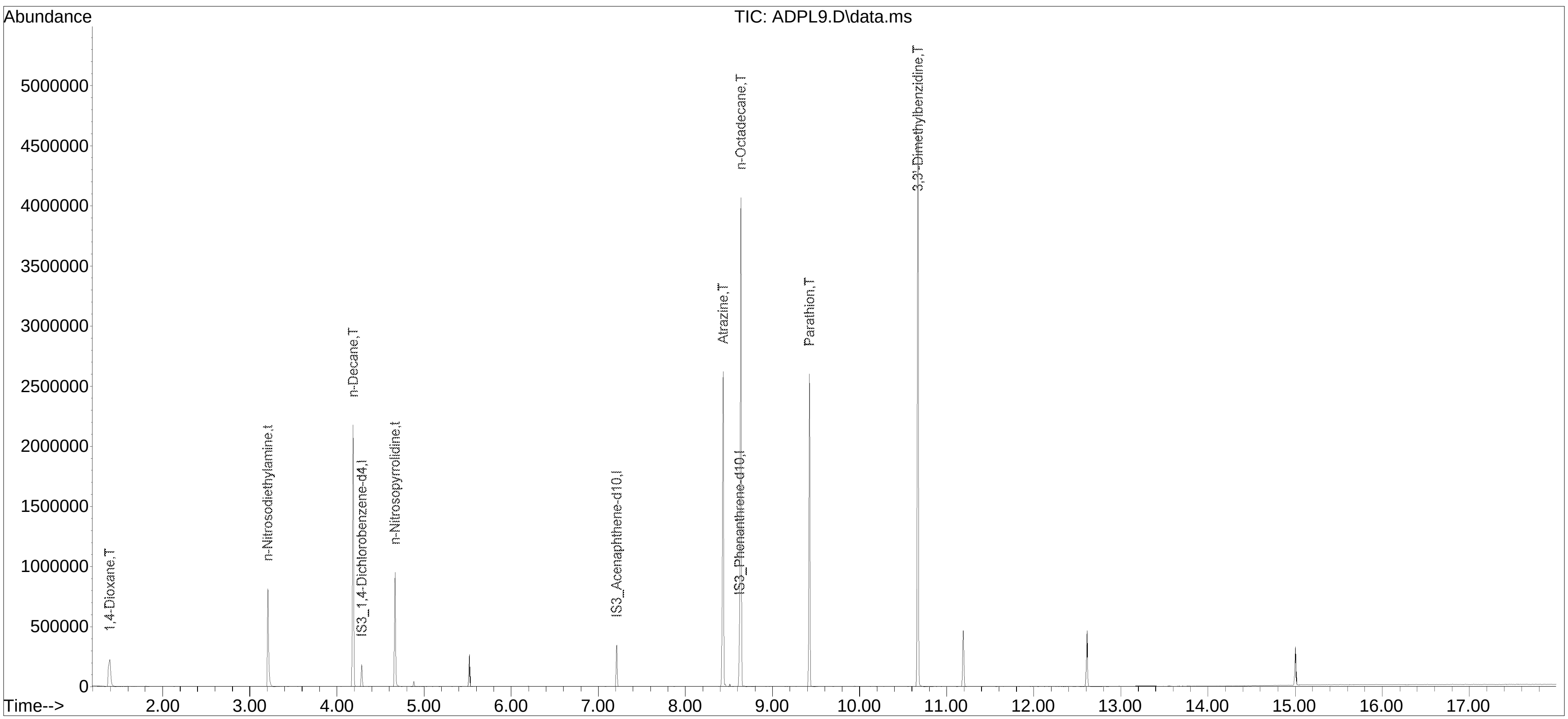
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL9.D
Acq On : 6 Nov 2024 1:10 am
Operator : Dakota:HNY
Sample : IL2,32,,ADPL50 Lot# 11129
Misc : WG1994500
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 06 09:33:16 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List : ADPical_REV3 - ADP sublistVTICAL\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ADPL9.D                    Operator    : Dakota:HNY
Date Inj'd  : 11/6/2024  1:10 am         Instrument  : Dakota
Sample      : IL2,32,,ADPL50 Lot# 11129 Quant Date  : 11/6/2024  8:37 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL8.D
Acq On : 6 Nov 2024 1:33 am
Operator : Dakota:HNY
Sample : IL3,32,,ADPL25 Lot# 11130
Misc : WG1994500
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 06 09:32:37 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ADPL6.D
Sub List : ADPical_REV3 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.282	152	29582	4.000 ug/ml	0.00
Standard Area 1 = 27034			Recovery =	109.43%	
88) IS3_Acenaphthene-d10	7.210	164	67966	4.000 ug/ml	0.00
Standard Area 1 = 60553			Recovery =	112.24%	
102) IS3_Phenanthrene-d10	8.624	188	154856	4.000 ug/ml	0.00
Standard Area 1 = 133879			Recovery =	115.67%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.395	88	75610	26.091 ug/ml#	85
34) n-Nitrosodiethylamine	3.207	102	80879	28.239 ug/ml#	59
35) n-Decane	4.186	57	214035	25.575 ug/ml#	31
36) n-Nitrosopyrrolidine	4.665	100	101610	29.118 ug/ml#	75
89) Atrazine	8.429	200	170370	22.409 ug/ml	91
103) n-Octadecane	8.637	57	356815	26.572 ug/ml#	1
104) Parathion	9.423	109	102258	33.893 ug/ml	94
105) 3,3'-Dimethylbenzidine	10.666	212	818111	22.767 ug/ml	99

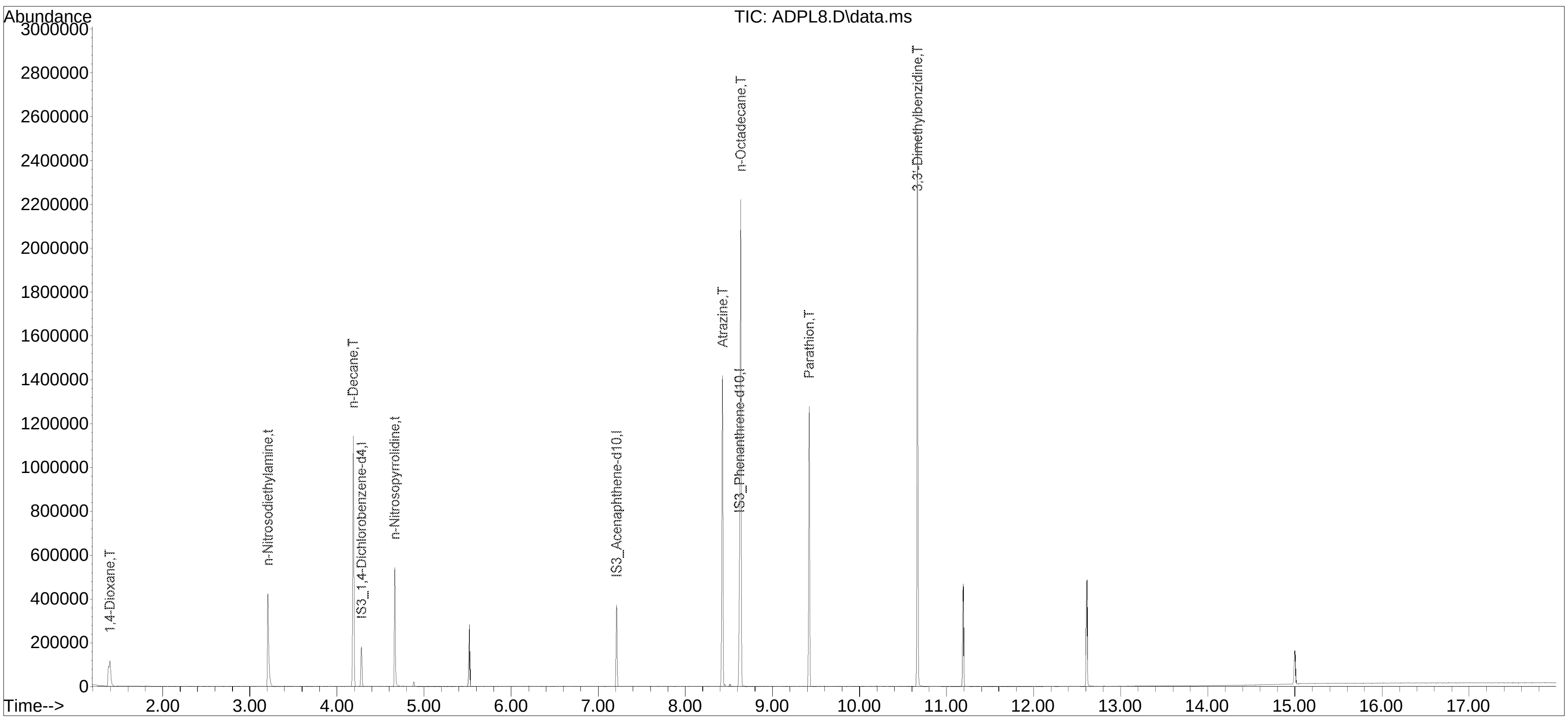
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL8.D
Acq On   : 6 Nov 2024   1:33 am
Operator : Dakota:HNY
Sample   : IL3,32,,ADPL25 Lot# 11130
Misc   : WG1994500
ALS Vial : 22   Sample Multiplier: 1

Quant Time: Nov 06 09:32:37 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List   : ADPical_REV3 - ADP sublistVTICAL\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ADPL8.D                    Operator    : Dakota:HNY
Date Inj'd  : 11/6/2024  1:33 am         Instrument  : Dakota
Sample      : IL3,32,,ADPL25 Lot# 11130 Quant Date  : 11/6/2024  8:37 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL7.D
Acq On : 6 Nov 2024 1:56 am
Operator : Dakota:HNY
Sample : IL4,32,,ADPL10 Lot# 11131
Misc : WG1994500
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 06 09:32:07 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ADPL6.D
Sub List : ADPical_REV3 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.282	152	28322	4.000	ug/ml	0.00
Standard Area 1 = 27034			Recovery =	104.76%		
88) IS3_Acenaphthene-d10	7.210	164	67913	4.000	ug/ml	0.00
Standard Area 1 = 60553			Recovery =	112.15%		
102) IS3_Phenanthrene-d10	8.621	188	151398	4.000	ug/ml	0.00
Standard Area 1 = 133879			Recovery =	113.09%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.401	88	28296	10.199	ug/ml#	85
34) n-Nitrosodiethylamine	3.213	102	29305	10.687	ug/ml#	59
35) n-Decane	4.186	57	76941	9.603	ug/ml#	29
36) n-Nitrosopyrrolidine	4.665	100	36910	11.048	ug/ml#	74
89) Atrazine	8.422	200	59430	7.823	ug/ml	91
103) n-Octadecane	8.634	57	131320	10.003	ug/ml#	1
104) Parathion	9.420	109	32544	11.033	ug/ml	94
105) 3,3'-Dimethylbenzidine	10.663	212	277721	7.905	ug/ml	99

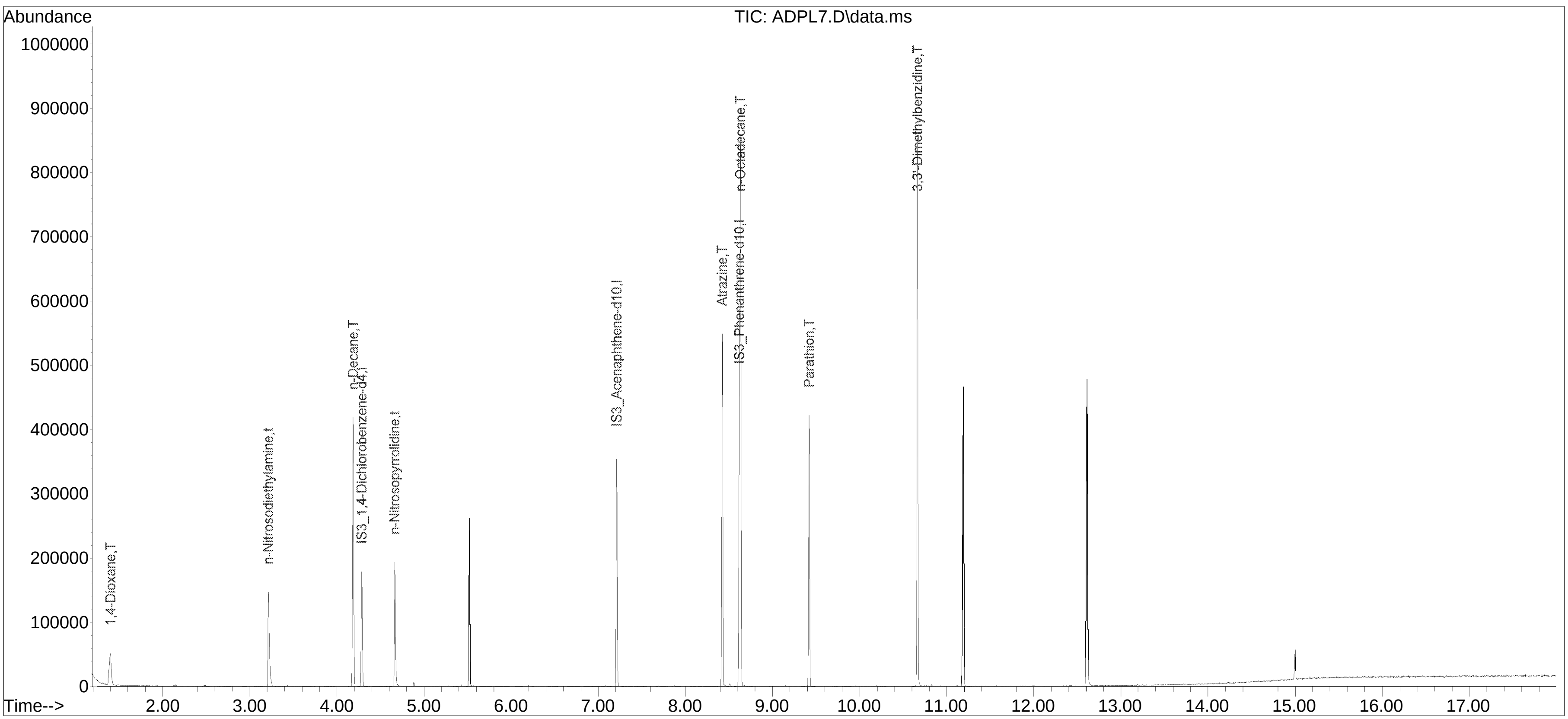
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL7.D
Acq On    :  6 Nov 2024   1:56 am
Operator  : Dakota:HNY
Sample    : IL4,32,,ADPL10 Lot# 11131
Misc      : WG1994500
ALS Vial  : 23   Sample Multiplier: 1

Quant Time: Nov 06 09:32:07 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List     : ADPical_REV3 - ADP sublistVTICAL\ADPL6.D•
```



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ADPL7.D                      Operator    : Dakota:HNY
Date Inj'd  : 11/6/2024  1:56 am           Instrument  : Dakota
Sample      : IL4,32,,ADPL10 Lot# 11131 Quant Date  : 11/6/2024  8:37 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL6.D
Acq On : 6 Nov 2024 2:20 am
Operator : Dakota:HNY
Sample : IL5,32,,ADPL5 Lot# 11132
Misc : WG1994500
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 06 09:31:35 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ADPL6.D
Sub List : ADPical_REV3 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.282	152	27034	4.000 ug/ml	0.00
Standard Area 1 = 27034			Recovery =	100.00%	
88) IS3_Acenaphthene-d10	7.210	164	60553	4.000 ug/ml	0.00
Standard Area 1 = 60553			Recovery =	100.00%	
102) IS3_Phenanthrene-d10	8.621	188	133879	4.000 ug/ml	0.00
Standard Area 1 = 133879			Recovery =	100.00%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.395	88	13637	5.149 ug/ml#	86
34) n-Nitrosodiethylamine	3.216	102	13557	5.180 ug/ml#	56
35) n-Decane	4.186	57	37066	4.846 ug/ml#	31
36) n-Nitrosopyrrolidine	4.665	100	16431	5.152 ug/ml#	69
89) Atrazine	8.422	200	25869	3.819 ug/ml	92
103) n-Octadecane	8.634	57	55610	4.790 ug/ml#	1
104) Parathion	9.417	109	12413	4.759 ug/ml	88
105) 3,3'-Dimethylbenzidine	10.660	212	108634	3.497 ug/ml	99

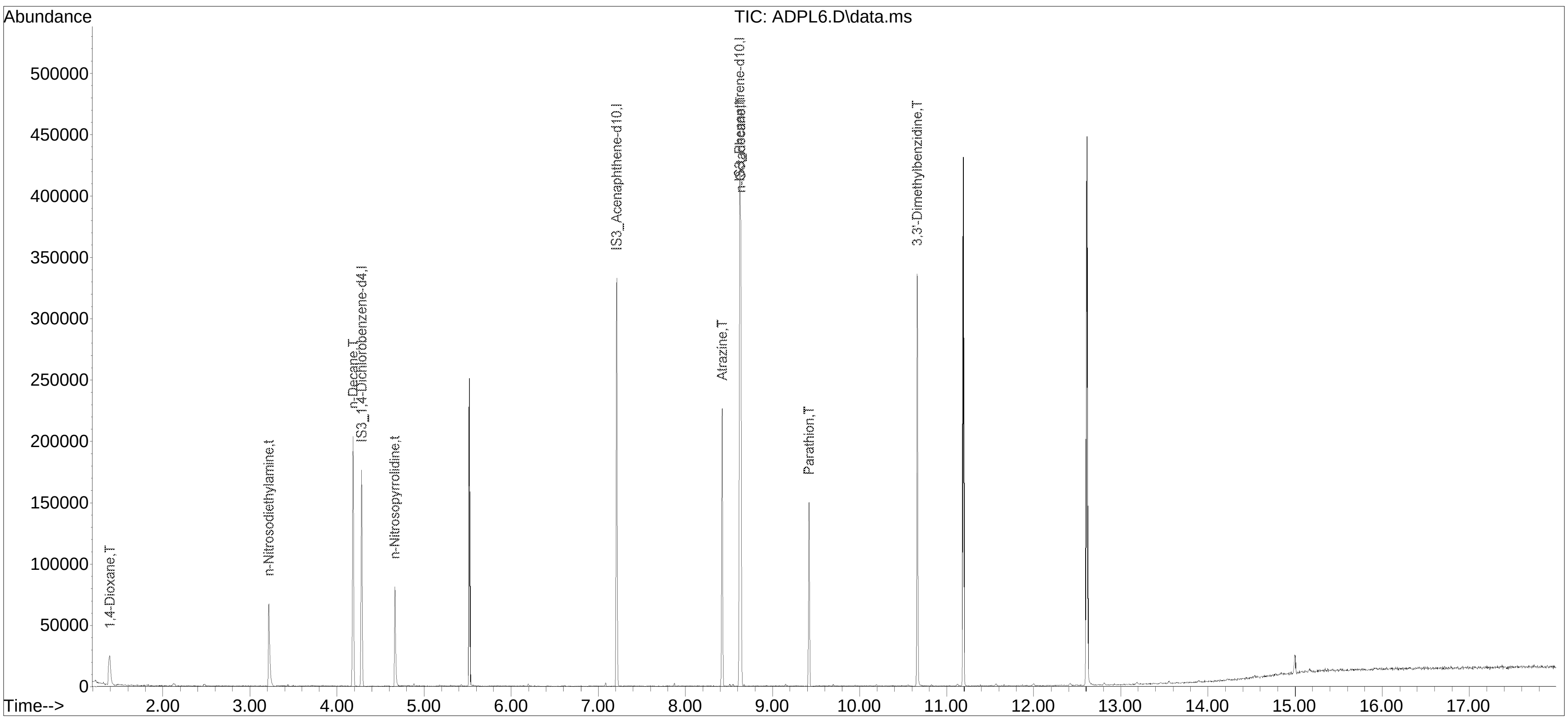
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL6.D
Acq On   : 6 Nov 2024   2:20 am
Operator : Dakota:HNY
Sample   : IL5,32,,ADPL5 Lot# 11132
Misc   : WG1994500
ALS Vial : 24   Sample Multiplier: 1

Quant Time: Nov 06 09:31:35 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List   : ADPical_REV3 - ADP sublistVTICAL\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ADPL6.D                      Operator    : Dakota:HNY
Date Inj'd  : 11/6/2024  2:20 am           Instrument  : Dakota
Sample      : IL5,32,,ADPL5 Lot# 11132  Quant Date  : 11/6/2024  8:37 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL5.D
Acq On : 6 Nov 2024 2:43 am
Operator : Dakota:HNY
Sample : IL6,32,,ADPL2.5 Lot# 11133
Misc : WG1994500
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 06 09:30:48 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ADPL6.D
Sub List : ADPical_REV3 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.283	152	27964	4.000 ug/ml	0.00
Standard Area 1 = 27034			Recovery =	103.44%	
88) IS3_Acenaphthene-d10	7.210	164	63394	4.000 ug/ml	0.00
Standard Area 1 = 60553			Recovery =	104.69%	
102) IS3_Phenanthrene-d10	8.621	188	139475	4.000 ug/ml	0.00
Standard Area 1 = 133879			Recovery =	104.18%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.395	88	6846	2.499 ug/ml#	87
34) n-Nitrosodiethylamine	3.223	102	6674	2.465 ug/ml#	60
35) n-Decane	4.186	57	17770	2.246 ug/ml#	29
36) n-Nitrosopyrrolidine	4.668	100	7709	2.337 ug/ml#	70
89) Atrazine	8.419	200	12402	1.749 ug/ml	90
103) n-Octadecane	8.634	57	26941	2.228 ug/ml#	1
104) Parathion	9.417	109	5990	2.204 ug/ml	91
105) 3,3'-Dimethylbenzidine	10.660	212	47257	1.460 ug/ml	99

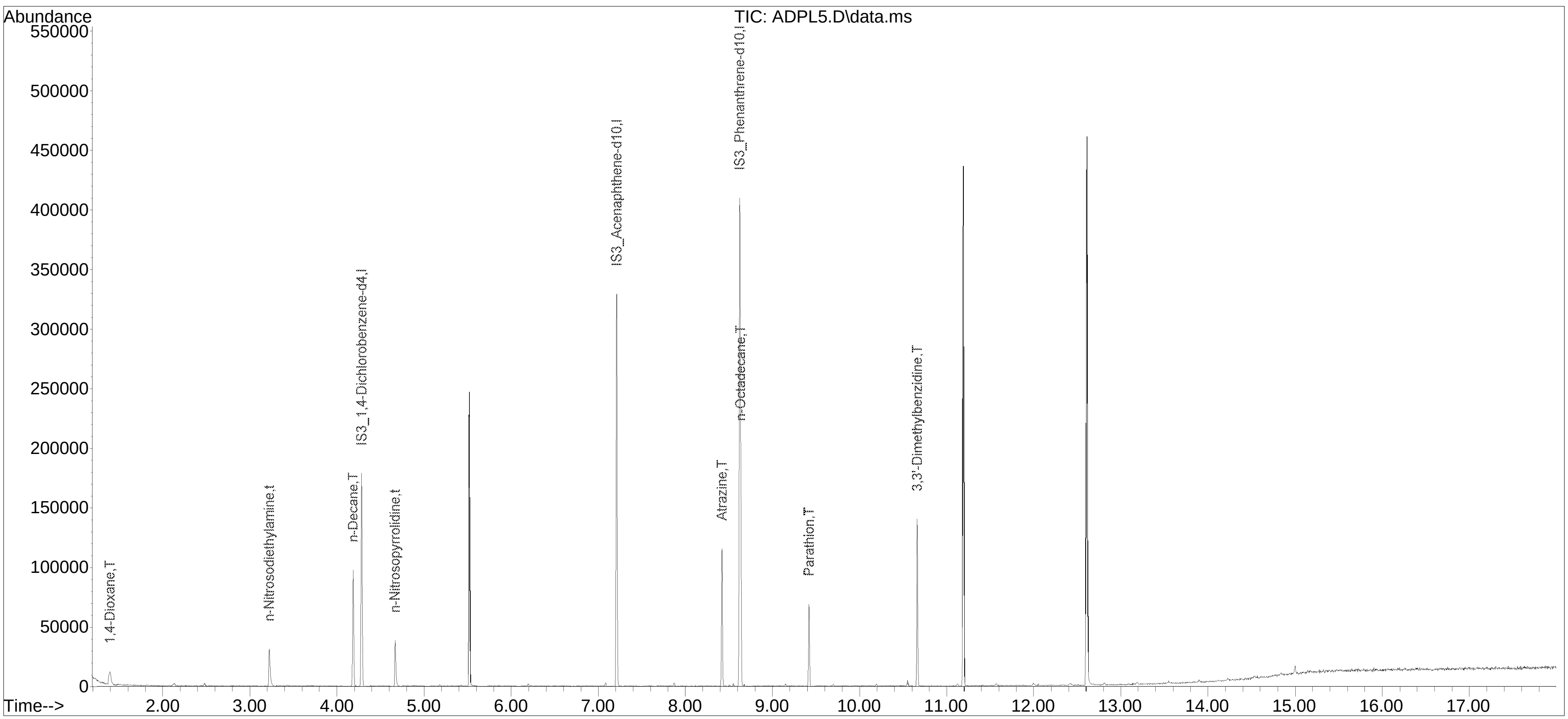
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL5.D
Acq On   : 6 Nov 2024   2:43 am
Operator : Dakota:HNY
Sample   : IL6,32,,ADPL2.5 Lot# 11133
Misc   : WG1994500
ALS Vial : 25   Sample Multiplier: 1

Quant Time: Nov 06 09:30:48 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List   : ADPical_REV3 - ADP sublistVTICAL\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ADPL5.D                      Operator    : Dakota:HNY
Date Inj'd  : 11/6/2024  2:43 am           Instrument  : Dakota
Sample      : IL6,32,,ADPL2.5 Lot# 11133Quant Date  : 11/6/2024  8:36 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL4.D
Acq On    :  6 Nov 2024   3:07 am
Operator  : Dakota:HNY
Sample    : IL7,32,,ADPL1 Lot# 11134
Misc      : WG1994500
ALS Vial  : 26   Sample Multiplier: 1

Quant Time: Nov 06 09:30:26 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ADPL6.D
Sub List     : ADPical_REV3 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
32) IS3_1,4-Dichlorobenzen...   4.282  152     30288     4.000 ug/ml    0.00
   Standard Area 1 = 27034                 Recovery   =  112.04%
88) IS3_Acenaphthene-d10        7.210  164     68614     4.000 ug/ml    0.00
   Standard Area 1 = 60553                 Recovery   =  113.31%
102) IS3_Phenanthrene-d10       8.621  188    152054     4.000 ug/ml    0.00
   Standard Area 1 = 133879                 Recovery   =  113.58%

 System Monitoring Compounds

 Target Compounds                                                 Qvalue
33) 1,4-Dioxane                 1.398   88       3010M1    1.014 ug/ml
34) n-Nitrosodiethylamine       3.229  102       2624      0.895 ug/ml#    47
35) n-Decane                    4.186   57       7320      0.854 ug/ml#    28
36) n-Nitrosopyrrolidine        4.671  100       3260      0.912 ug/ml#    72
89) Atrazine                    8.419  200       4884      0.636 ug/ml     90
103) n-Octadecane               8.634   57      11002      0.834 ug/ml#     1
104) Parathion                  9.417  109       2346      0.792 ug/ml#    80
105) 3,3'-Dimethylbenzidine    10.660  212      16174      0.458 ug/ml     97
 --------------------------------------------------------------------------

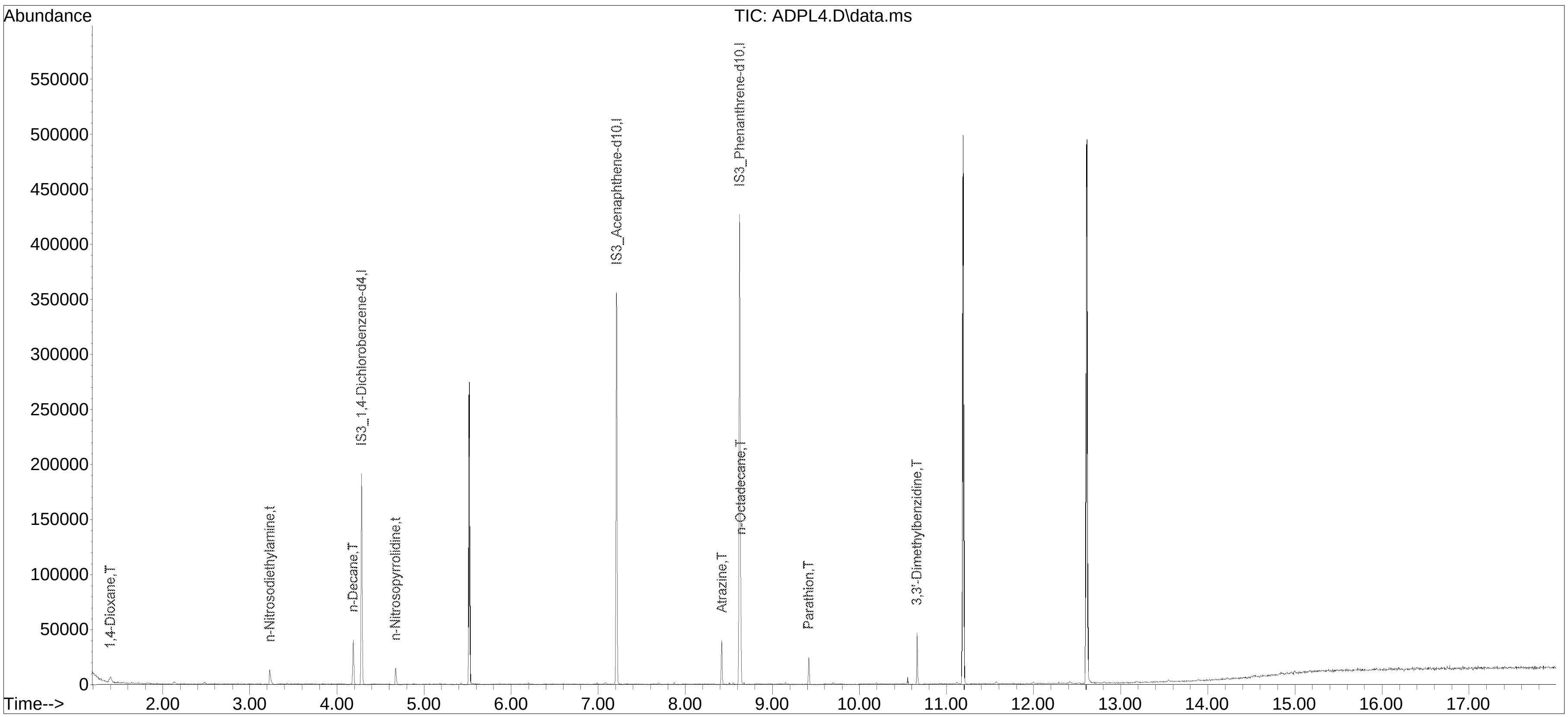
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL4.D
Acq On : 6 Nov 2024 3:07 am
Operator : Dakota:HNY
Sample : IL7,32,,ADPL1 Lot# 11134
Misc : WG1994500
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 06 09:30:26 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

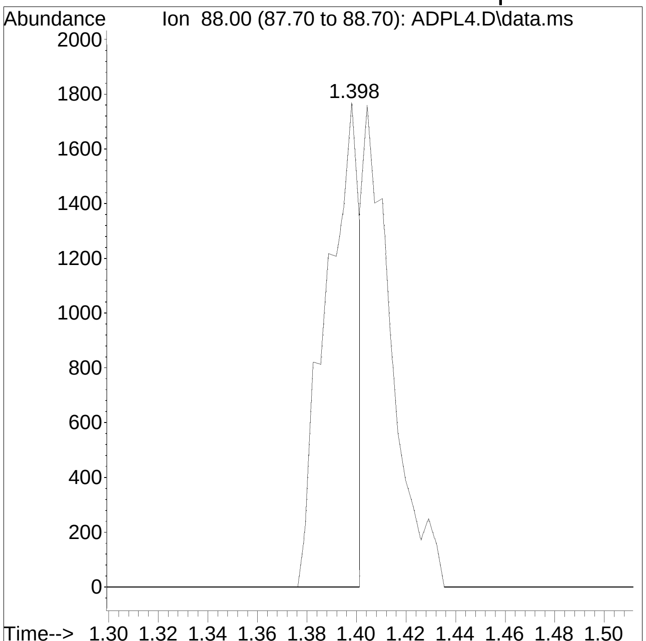
Sub List : ADPical_REV3 - ADP sublistVTICAL\ADPL6.D•

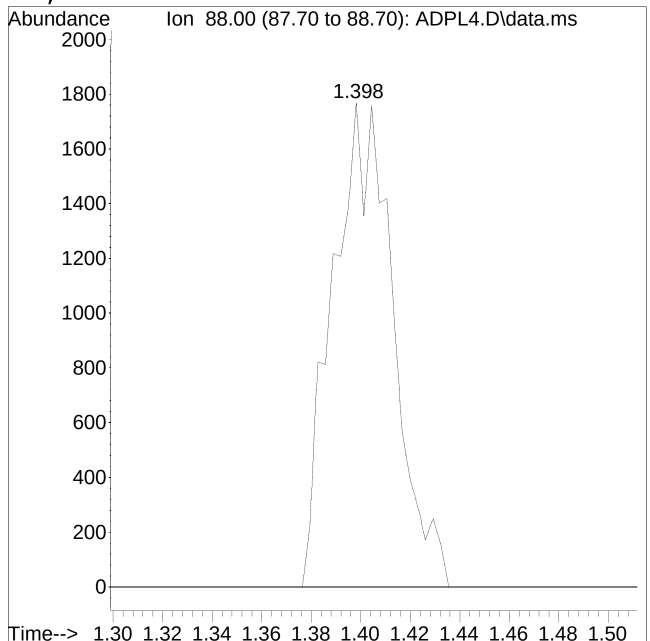


Manual Integration Report

```
Data Path    : I:\8270\Dakota\241105RVTICQMethod      : FS241105RVT_Dakota.m
Data File    : ADPL4.D                        Operator     : Dakota:HNY
Date Inj'd   : 11/6/2024  3:07 am             Instrument   : Dakota
Sample       : IL7,32,,ADPL1 Lot# 11134       Quant Date   : 11/6/2024  8:36 am
```

Compound #33: 1,4-Dioxane





Original Peak Response = 1639   Manual Peak Response = 3010 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL3.D
Acq On : 6 Nov 2024 3:30 am
Operator : Dakota:HNY
Sample : IL8,32,,ADPL0.5 Lot# 11135
Misc : WG1994500
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 06 09:29:58 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ADPL6.D
Sub List : ADPical_REV3 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.283	152	29927	4.000 ug/ml	0.00
Standard Area 1 = 27034			Recovery =	110.70%	
88) IS3_Acenaphthene-d10	7.207	164	68245	4.000 ug/ml	0.00
Standard Area 1 = 60553			Recovery =	112.70%	
102) IS3_Phenanthrene-d10	8.621	188	156900	4.000 ug/ml	0.00
Standard Area 1 = 133879			Recovery =	117.20%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.411	88	1504M1	0.513 ug/ml	
34) n-Nitrosodiethylamine	3.235	102	1392	0.480 ug/ml#	26
35) n-Decane	4.186	57	4118	0.486 ug/ml#	27
36) n-Nitrosopyrrolidine	4.674	100	1725	0.489 ug/ml#	56
89) Atrazine	8.419	200	3137	0.411 ug/ml	91
103) n-Octadecane	8.634	57	6958	0.511 ug/ml#	1
104) Parathion	9.420	109	1494	0.489 ug/ml	91
105) 3,3'-Dimethylbenzidine	10.660	212	8441	0.232 ug/ml	96

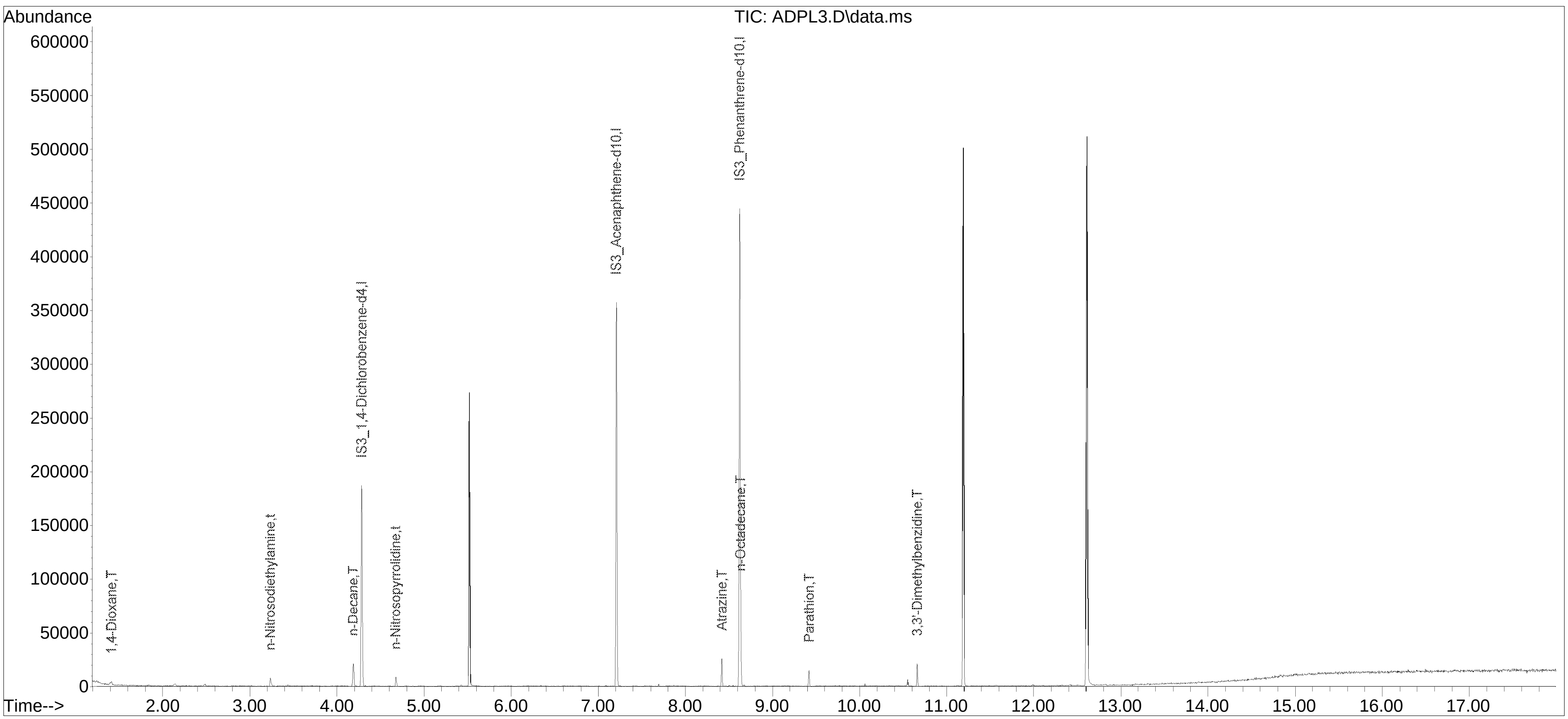
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL3.D
Acq On : 6 Nov 2024 3:30 am
Operator : Dakota:HNY
Sample : IL8,32,,ADPL0.5 Lot# 11135
Misc : WG1994500
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 06 09:29:58 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

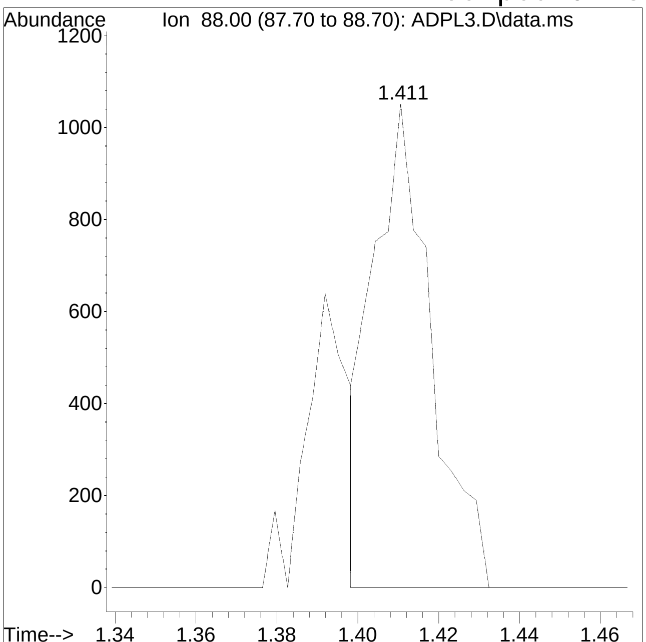
Sub List : ADPical_REV3 - ADP sublistVTICAL\ADPL6.D•

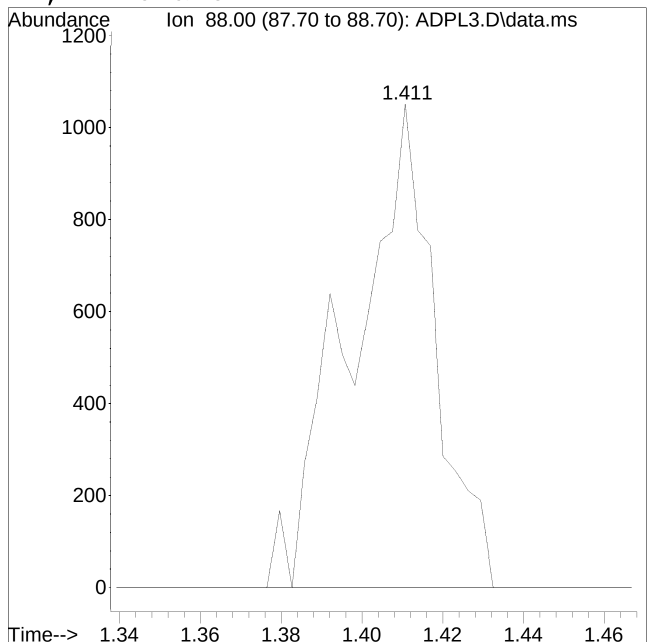


Manual Integration Report

```
Data Path    : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File    : ADPL3.D                  Operator     : Dakota:HNY
Date Inj'd   : 11/6/2024  3:30 am       Instrument   : Dakota
Sample       : IL8,32,,ADPL0.5 Lot# 11135Quant Date  : 11/6/2024  8:36 am
```

Compound #33: 1,4-Dioxane





Original Peak Response = 1050   Manual Peak Response = 1504 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL2.D
Acq On   : 6 Nov 2024   3:53 am
Operator : Dakota:HNY
Sample   : IL9,32,,ADPL0.2 Lot# 11136
Misc   : WG1994500
ALS Vial : 28   Sample Multiplier: 1

Quant Time: Nov 06 09:28:51 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ADPL6.D
Sub List   : ADPical_REV3 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.282	152	29865	4.000 ug/ml	0.00
Standard Area 1 = 27034			Recovery =	110.47%	
88) IS3_Acenaphthene-d10	7.210	164	67326	4.000 ug/ml	0.00
Standard Area 1 = 60553			Recovery =	111.19%	
102) IS3_Phenanthrene-d10	8.621	188	154573	4.000 ug/ml	0.00
Standard Area 1 = 133879			Recovery =	115.46%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.411	88	377M2	0.129 ug/ml	
34) n-Nitrosodiethylamine	3.244	102	521	0.180 ug/ml#	29
35) n-Decane	4.186	57	1604	0.190 ug/ml#	29
36) n-Nitrosopyrrolidine	4.680	100	607	0.172 ug/ml#	44
89) Atrazine	8.416	200	1084	0.144 ug/ml#	33
103) n-Octadecane	8.634	57	2734	0.204 ug/ml#	1
104) Parathion	9.420	109	542	0.180 ug/ml#	79
105) 3,3'-Dimethylbenzidine	10.657	212	909	0.025 ug/ml#	62

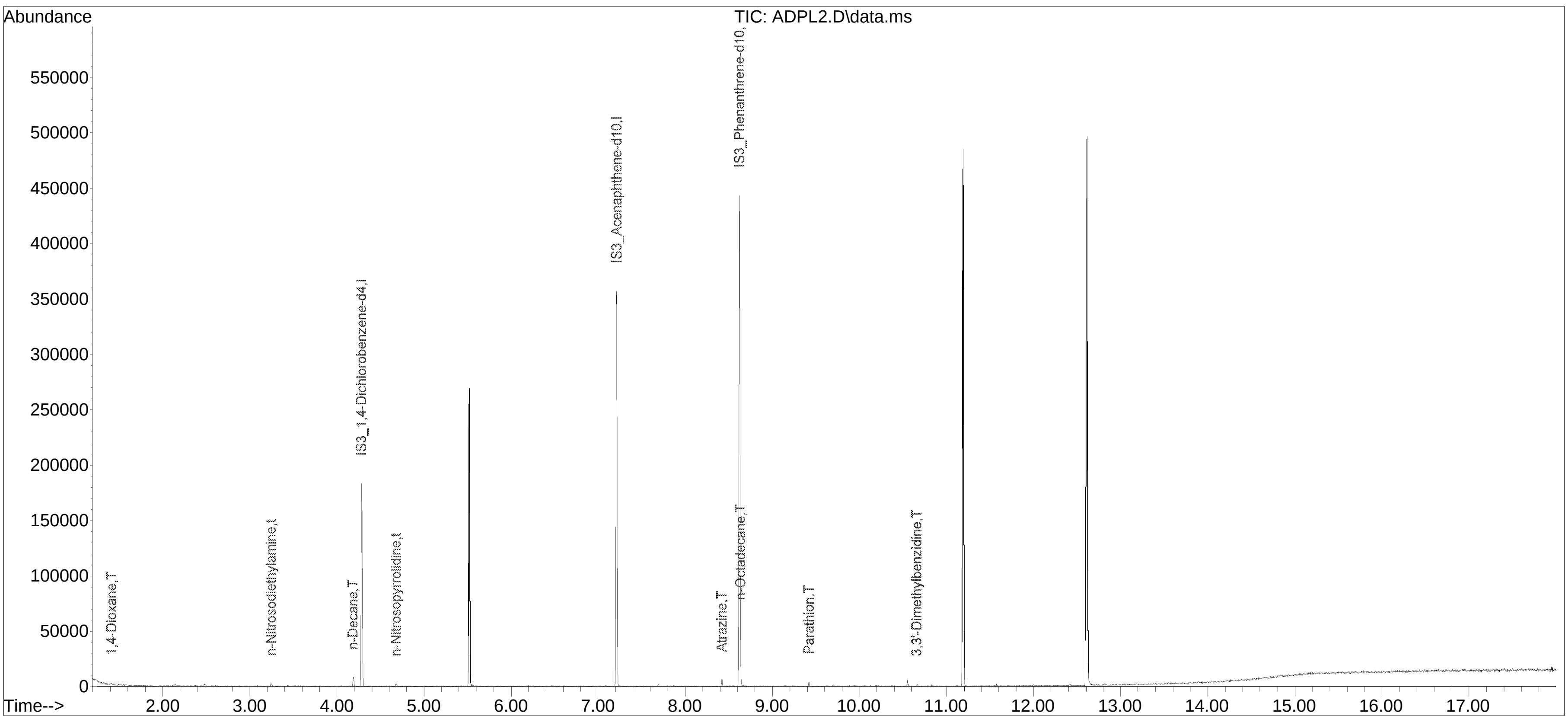
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL2.D
Acq On   : 6 Nov 2024   3:53 am
Operator : Dakota:HNY
Sample   : IL9,32,,ADPL0.2 Lot# 11136
Misc   : WG1994500
ALS Vial : 28   Sample Multiplier: 1

Quant Time: Nov 06 09:28:51 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

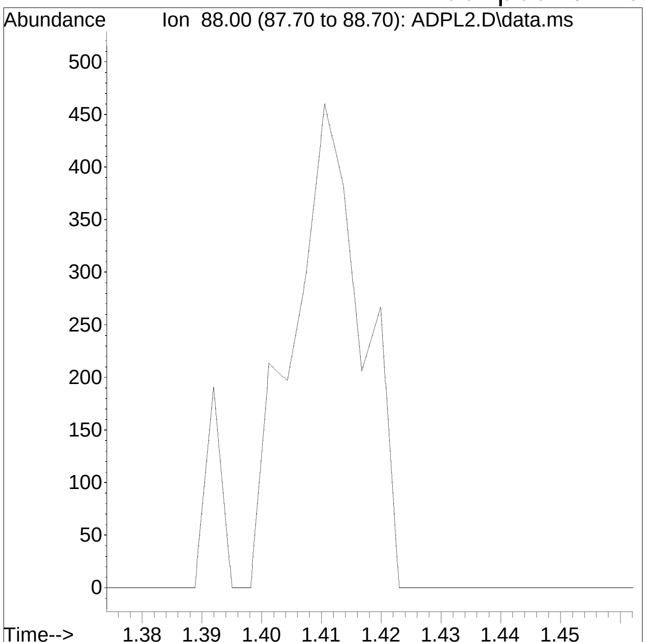
Sub List   : ADPical_REV3 - ADP sublistVTICAL\ADPL6.D•

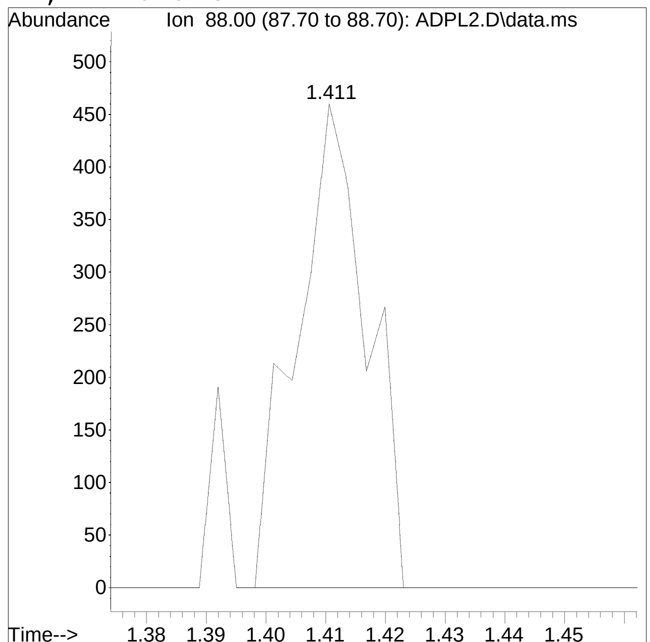


Manual Integration Report

```
Data Path    : I:\8270\Dakota\241105RVTICQMethod      : FS241105RVT_Dakota.m
Data File    : ADPL2.D                   Operator    : Dakota:HNY
Date Inj'd   : 11/6/2024  3:53 am        Instrument  : Dakota
Sample       : IL9,32,,ADPL0.2 Lot# 11136Quant Date  : 11/6/2024  8:36 am
```

Compound #33: 1,4-Dioxane





Original Peak Response = 0   Manual Peak Response = 377 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL1.D
Acq On : 6 Nov 2024 4:17 am
Operator : Dakota:HNY
Sample : IL10,32,,ADPL0.1 Lot# 11137
Misc : WG1994500
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 06 09:28:15 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ADPL6.D
Sub List : ADPical_REV3 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.283	152	27472	4.000 ug/ml	0.00
Standard Area 1 = 27034			Recovery =	101.62%	
88) IS3_Acenaphthene-d10	7.210	164	60699	4.000 ug/ml	0.00
Standard Area 1 = 60553			Recovery =	100.24%	
102) IS3_Phenanthrene-d10	8.621	188	137822	4.000 ug/ml	0.00
Standard Area 1 = 133879			Recovery =	102.95%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.401	88	71M2	0.026 ug/ml	
34) n-Nitrosodiethylamine	3.244	102	122M2	0.046 ug/ml	
35) n-Decane	4.183	57	569	0.073 ug/ml#	42
36) n-Nitrosopyrrolidine	4.683	100	197M2	0.061 ug/ml	
89) Atrazine	8.416	200	466M2	0.069 ug/ml	
103) n-Octadecane	8.634	57	961	0.080 ug/ml#	1
104) Parathion	9.417	109	181M2	0.067 ug/ml	
105) 3,3'-Dimethylbenzidine	10.663	212	69M4	0.002 ug/ml	

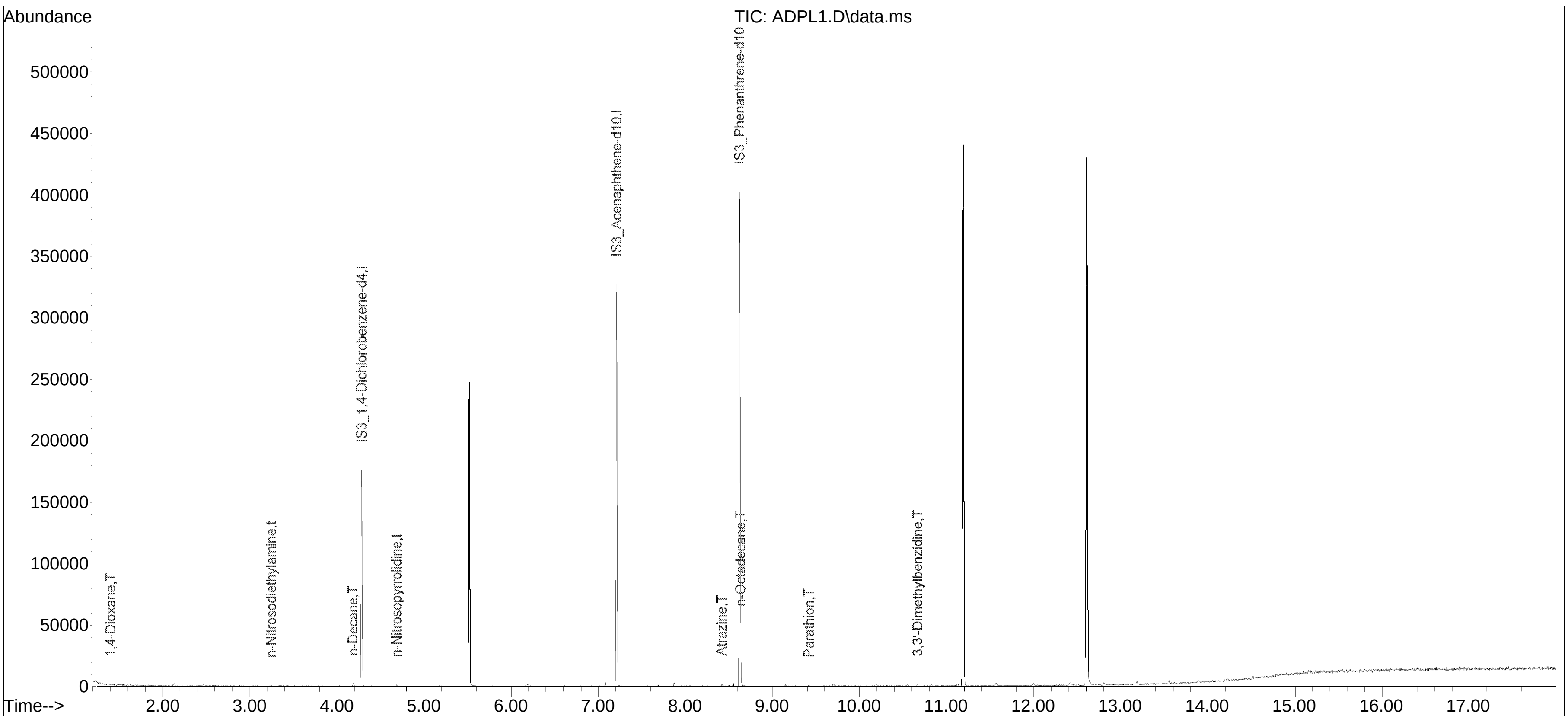
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPL1.D
Acq On : 6 Nov 2024 4:17 am
Operator : Dakota:HNY
Sample : IL10,32,,ADPL0.1 Lot# 11137
Misc : WG1994500
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 06 09:28:15 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 06 08:32:35 2024
Response via : Initial Calibration

Sub List : ADPical_REV3 - ADP sublistVTICAL\ADPL6.D•

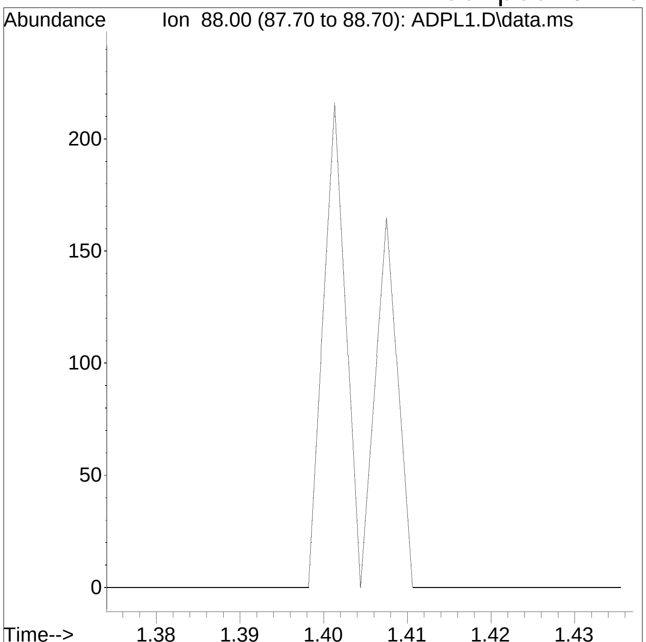


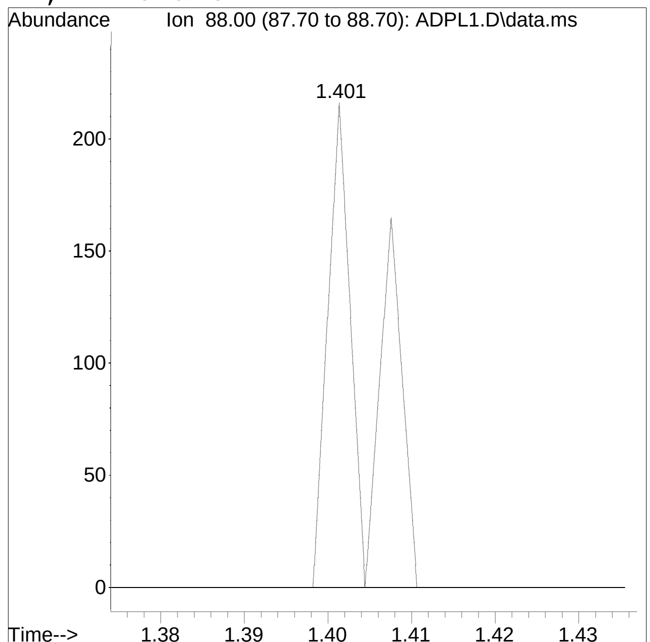
FS241105RVT_Dakota.m Tue Nov 12 12:25:12 2024 Page: 2

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ADPL1.D                     Operator    : Dakota:HNY
Date Inj'd  : 11/6/2024  4:17 am          Instrument  : Dakota
Sample      : IL10,32,,ADPL0.1 Lot# 1113Quant Date  : 11/6/2024  8:36 am
```

Compound #33: 1,4-Dioxane



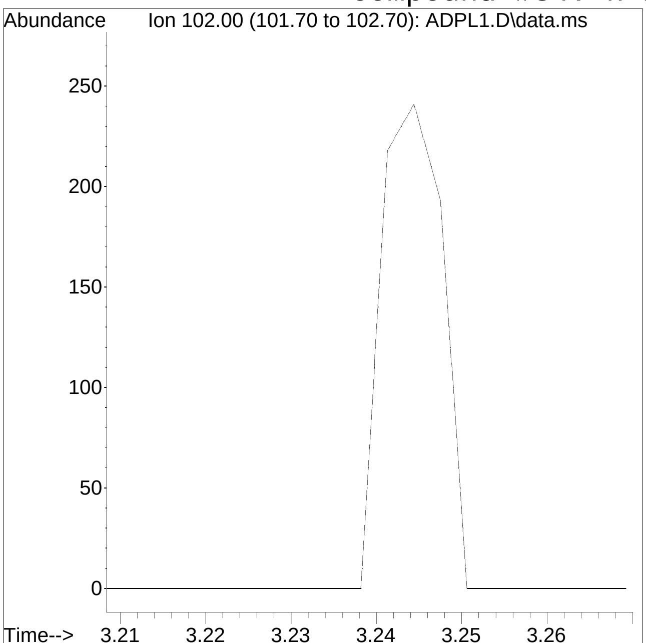


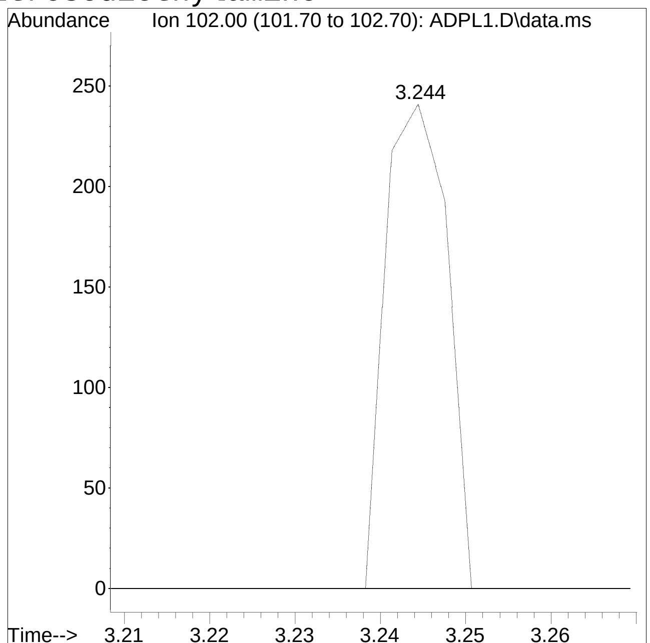
Original Peak Response = 0 Manual Peak Response = 71 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path    : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File    : ADPL1.D                   Operator    : Dakota:HNY
Date Inj'd   : 11/6/2024  4:17 am        Instrument  : Dakota
Sample       : IL10,32,,ADPL0.1 Lot# 1113Quant Date  : 11/6/2024  8:36 am
```

Compound #34: n-Nitrosodiethylamine





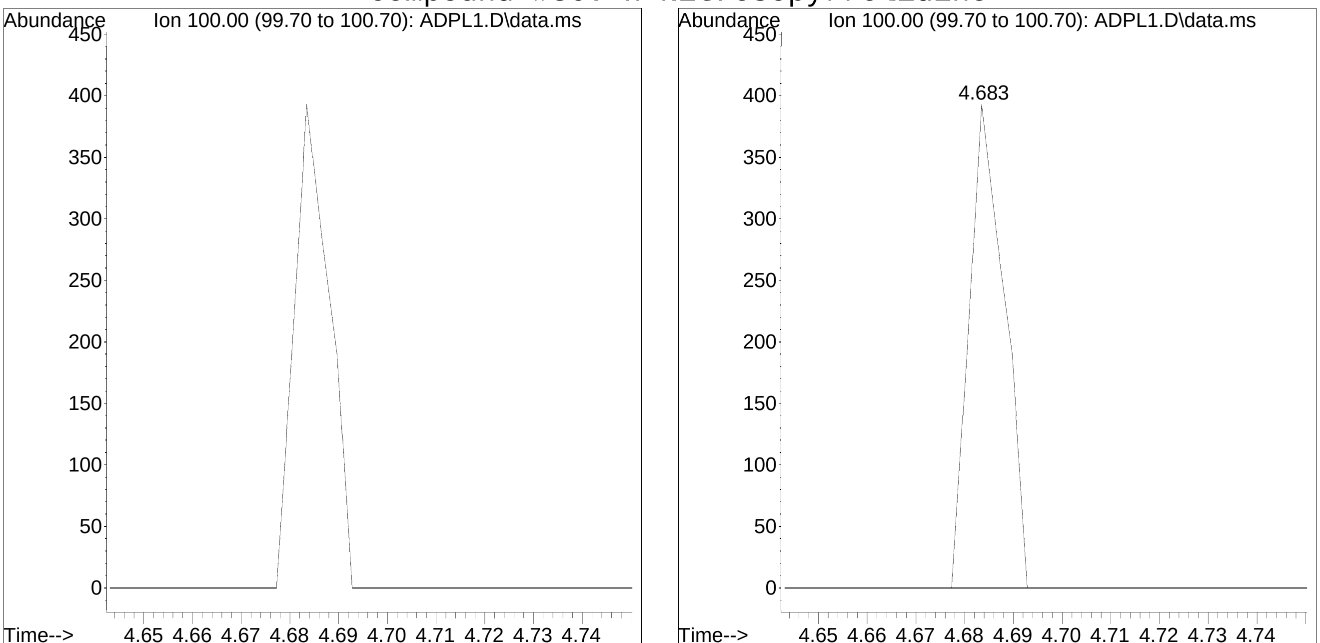
Original Peak Response = 0   Manual Peak Response = 122 M2

M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ADPL1.D                  Operator    : Dakota:HNY
Date Inj'd  : 11/6/2024  4:17 am       Instrument  : Dakota
Sample      : IL10,32,,ADPL0.1 Lot# 1113Quant Date  : 11/6/2024  8:36 am
```

Compound #36: n-Nitrosopyrrolidine



Original Peak Response = 0   Manual Peak Response = 197 M2

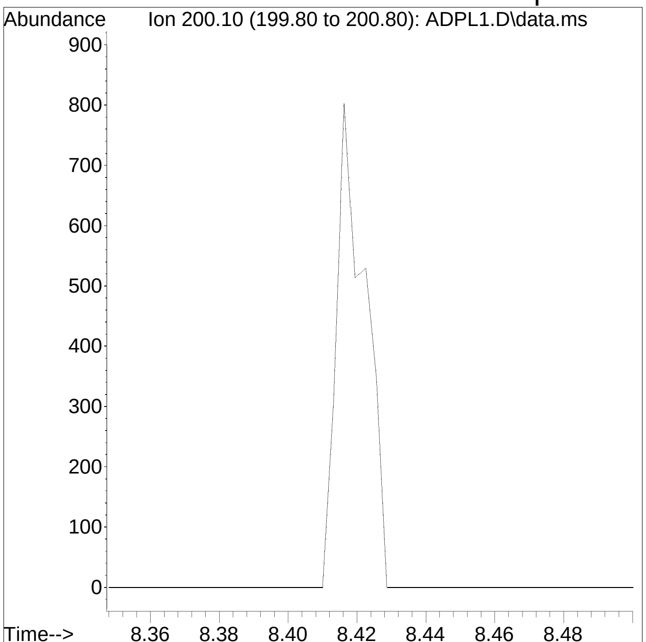
M2 = Peak not found by automatic integration algorithm.

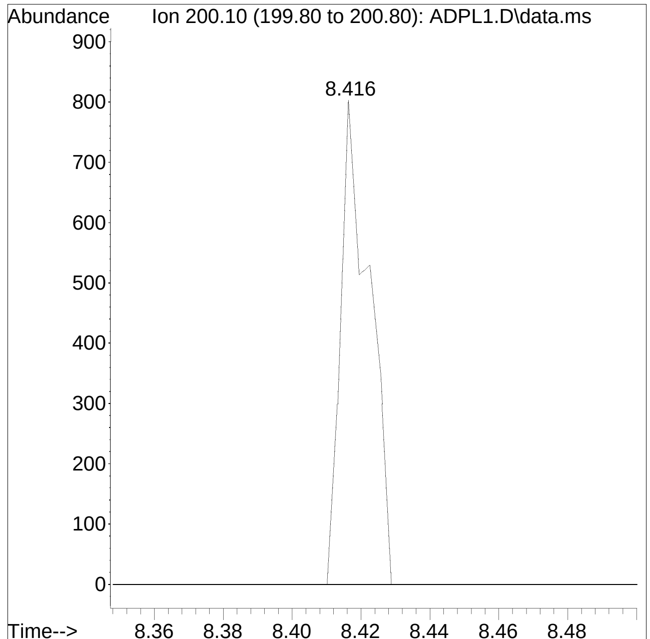
Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQ
Data File : ADPL1.D
Date Inj'd : 11/6/2024 4:17 am
Sample : IL10,32,,ADPL0.1 Lot# 1113

Method : FS241105RVT_Dakota.m
Operator : Dakota:HNY
Instrument : Dakota
Quant Date : 11/6/2024 8:36 am

Compound #89: Atrazine





Original Peak Response = 0

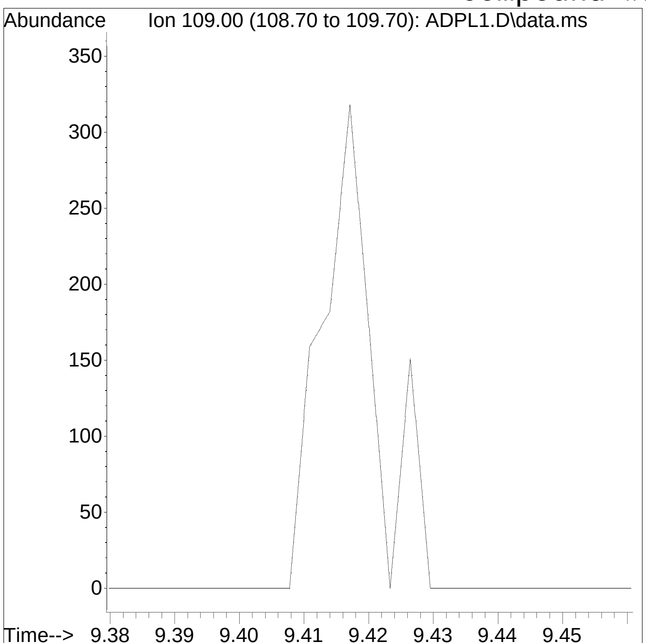
Manual Peak Response = 466 M2

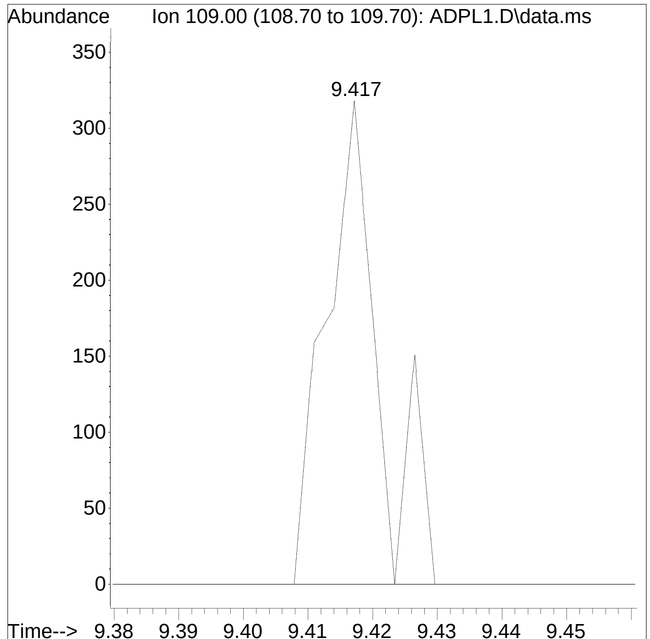
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\Dakota\241105RVTICQ Method : FS241105RVT_Dakota.m
Data File : ADPL1.D Operator : Dakota:HNY
Date Inj'd : 11/6/2024 4:17 am Instrument : Dakota
Sample : IL10,32,,ADPL0.1 Lot# 1113 Quant Date : 11/6/2024 8:36 am

Compound #104: Parathion



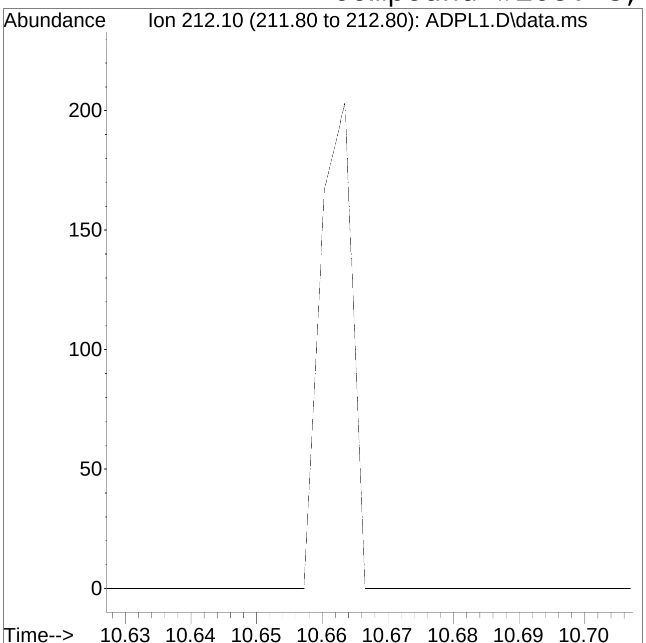


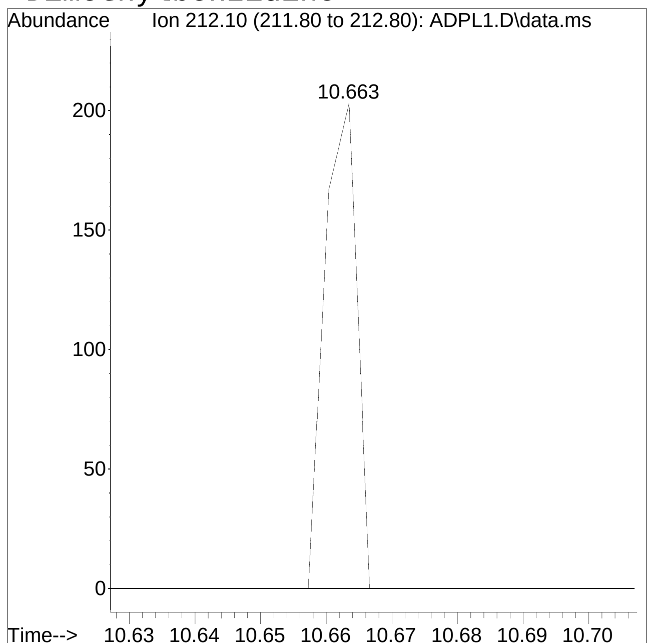
Original Peak Response = 0 Manual Peak Response = 181 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ADPL1.D                  Operator    : Dakota:HNY
Date Inj'd  : 11/6/2024  4:17 am       Instrument  : Dakota
Sample      : IL10,32,,ADPL0.1 Lot# 1113Quant Date  : 11/6/2024  8:36 am
```

Compound #105: 3,3'-Dimethylbenzidine





Original Peak Response = 0

Manual Peak Response = 69 M4

M4 = Poor automated baseline construction.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPICV.D
Acq On : 6 Nov 2024 4:40 am
Operator : Dakota:HNY
Sample : CQICV,32,,ADPICV Lot# 11140
Misc : WG1994500
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 11 15:34:09 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Nov 11 15:34:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	103	0.00
33	T	1,4-Dioxane		0.381	0.408	-7.1	104	0.00
34	t	n-Nitrosodiethylamine		0.390	0.412	-5.6	105	0.00
35	T	n-Decane		1.048	1.132	-8.0	106	0.00
36	t	n-Nitrosopyrrolidine		0.458	0.502	-9.6	106	0.00
88	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	106	0.00
89	T	Atrazine		0.343	0.346	-0.9	107	0.00
102	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	106	0.00
103	T	n-Octadecane		0.334	0.358	-7.2	114	0.00
104	T	Parathion	*	5.000	4.893	2.1	116	0.00
105	T	3,3'-Dimethylbenzidine	*	5.000	4.511	9.8	106	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPICV.D
Acq On    :  6 Nov 2024   4:40 am
Operator  : Dakota:HNY
Sample    : CQICV,32,,ADPICV Lot# 11140
Misc      : WG1994500
ALS Vial  : 30   Sample Multiplier: 1

Quant Time: Nov 11 15:34:09 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Nov 11 15:34:18 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\241105RVTICAL\ADPL6.D
Sub List     : ADPical_REV3 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   4.282  152     27725     4.000 ug/ml    0.00
    Standard Area 1 = 27034                Recovery   =  102.56%
 88) IS3_Acenaphthene-d10        7.210  164     64160     4.000 ug/ml    0.00
    Standard Area 1 = 60553                Recovery   =  105.96%
102) IS3_Phenanthrene-d10        8.621  188    141409     4.000 ug/ml    0.00
    Standard Area 1 = 133879                Recovery   =  105.62%

 System Monitoring Compounds

 Target Compounds                                                 Qvalue
 33) 1,4-Dioxane                 1.395   88      14130      5.352 ug/ml#    86
 34) n-Nitrosodiethylamine       3.216  102      14269      5.275 ug/ml#    56
 35) n-Decane                    4.186   57      39218      5.397 ug/ml#    30
 36) n-Nitrosopyrrolidine        4.665  100      17407      5.486 ug/ml#    70
 89) Atrazine                    8.422  200      27737      5.040 ug/ml     93
103) n-Octadecane                8.634   57      63318      5.367 ug/ml#     1
104) Parathion                   9.420  109      14391      4.893 ug/ml     94
105) 3,3'-Dimethylbenzidine     10.660  212     115367      4.511 ug/ml     99
 ---------------------------------------------------------------------------

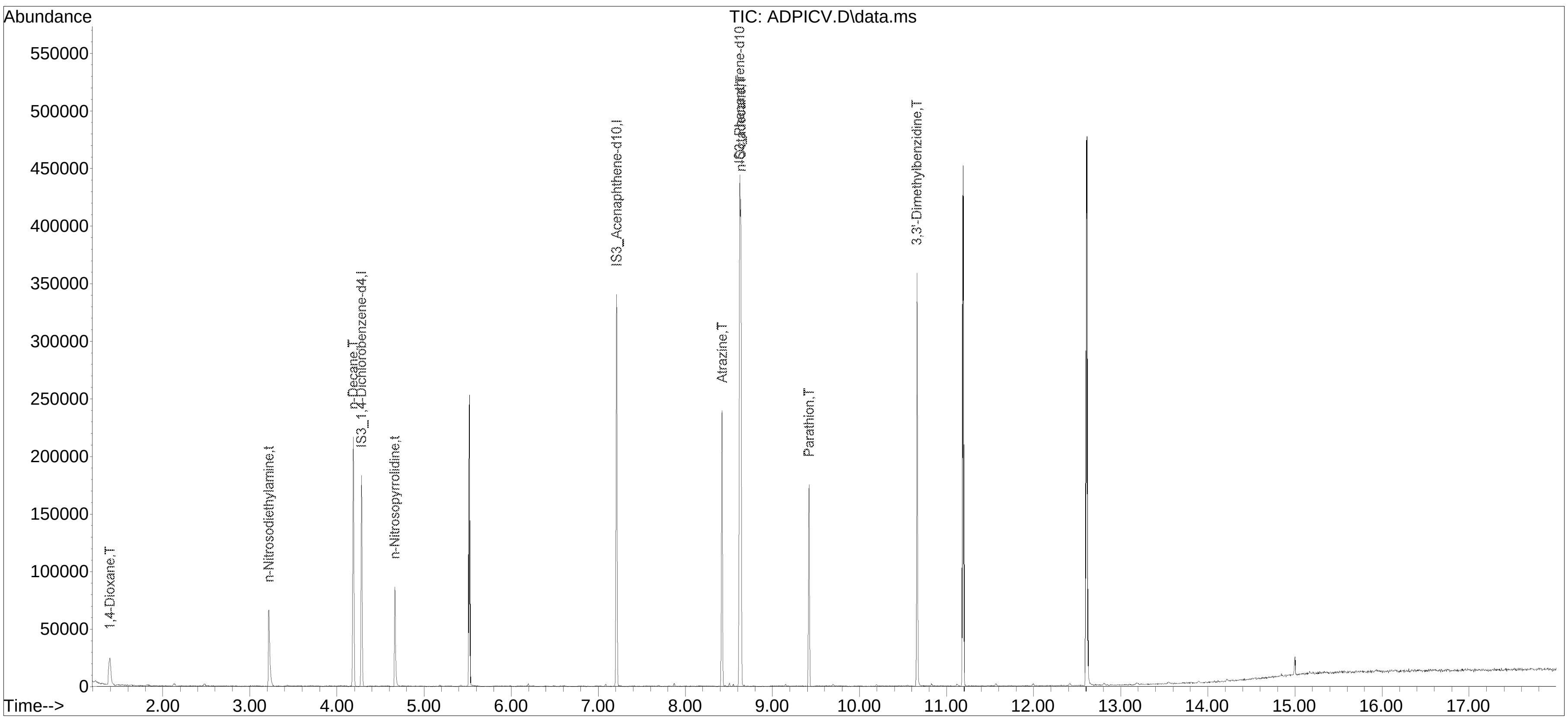
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

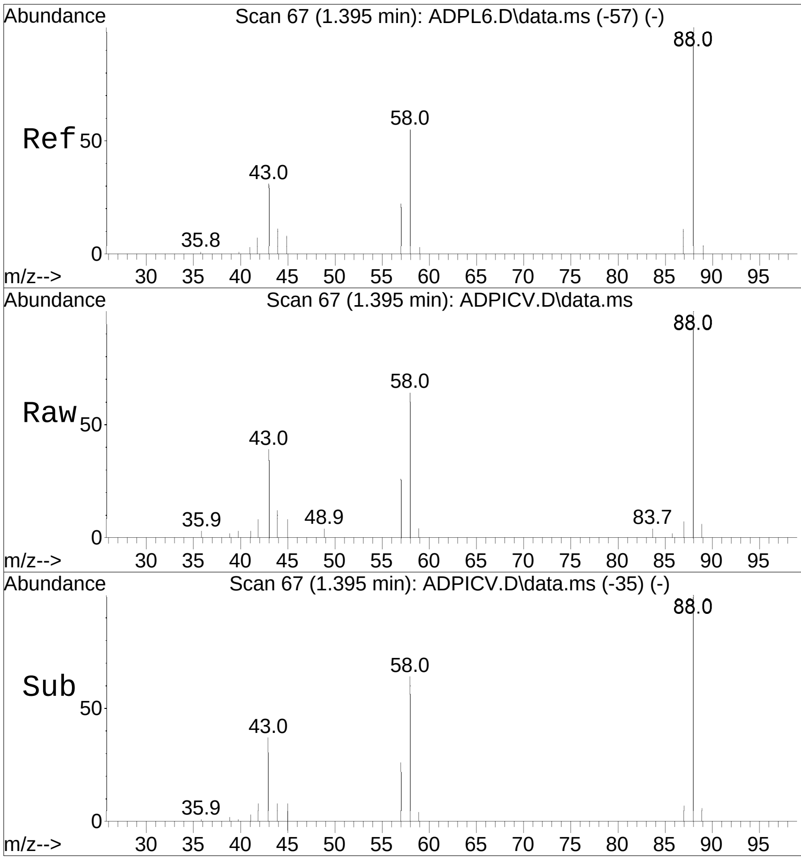
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\241105RVTICAL\
Data File : ADPICV.D
Acq On   : 6 Nov 2024   4:40 am
Operator : Dakota:HNY
Sample   : CQICV,32,,ADPICV Lot# 11140
Misc   : WG1994500
ALS Vial : 30   Sample Multiplier: 1

Quant Time: Nov 11 15:34:09 2024
Quant Method : I:\8270\Dakota\241105RVTICAL\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Nov 11 15:34:18 2024
Response via : Initial Calibration

Sub List   : ADPical_REV3 - ADP sublistVTICAL\ADPL6.D•

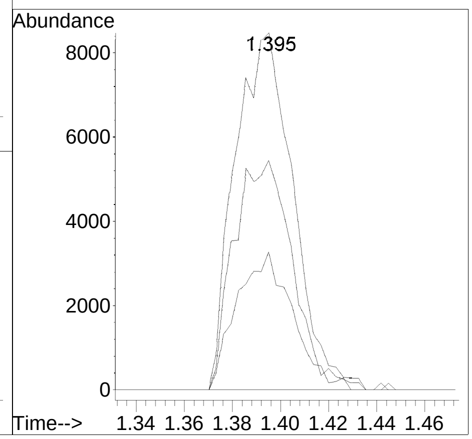


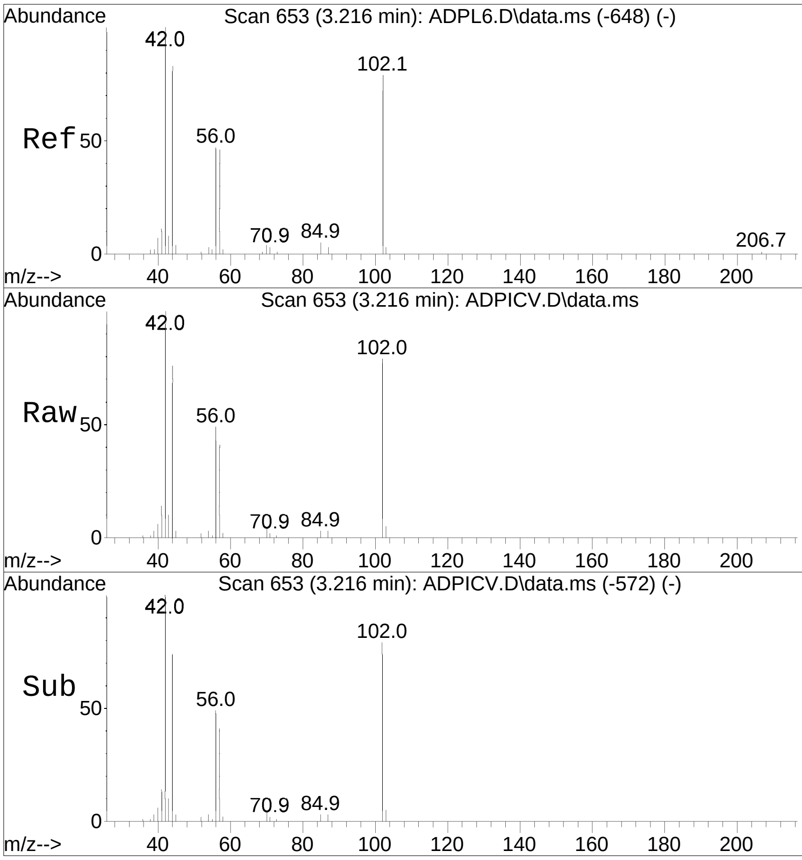


#33
1,4-Dioxane
Concen: 5.35 ug/ml
RT: 1.395 min Scan# 67
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 6 Nov 2024 4:40 am

Tgt Ion: 88 Resp: 14130

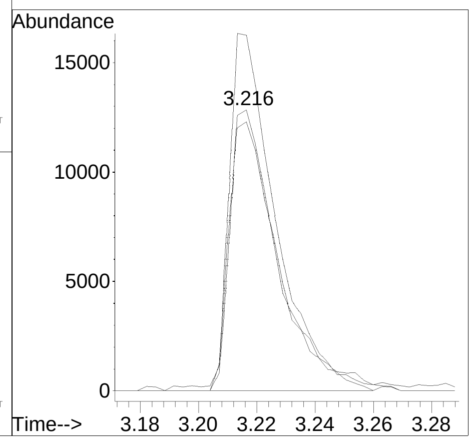
Ion	Ratio	Lower	Upper
88	100		
58	65.4	44.8	67.2
43	37.2	22.4	33.6#

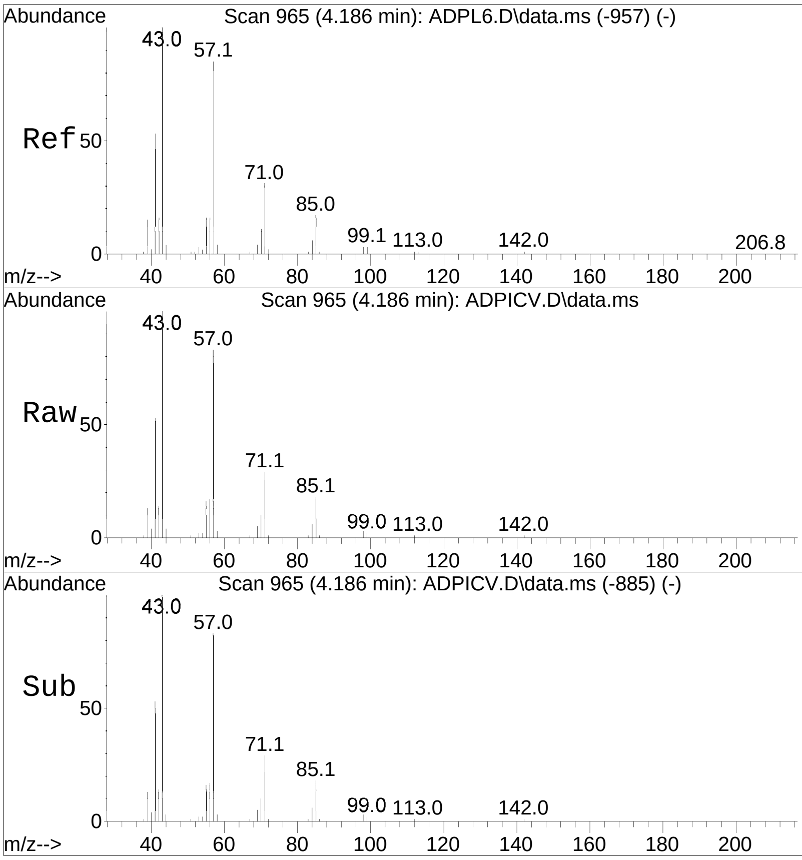





```
#34
n-Nitrosodiethylamine
Concen:    5.27 ug/ml
RT:   3.216 min  Scan# 653
Delta R.T.  0.000 min
Lab File:   ADPICV.D
Acq:  6 Nov 2024   4:40 am

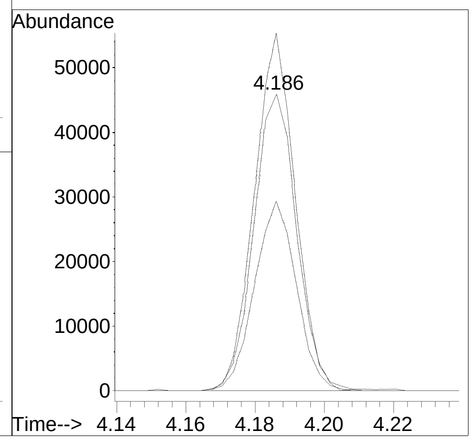
Tgt Ion:102 Resp:   14269
Ion  Ratio  Lower  Upper
102  100
 42  127.1   67.6  101.4#
 44  104.7   57.4   86.0#
```

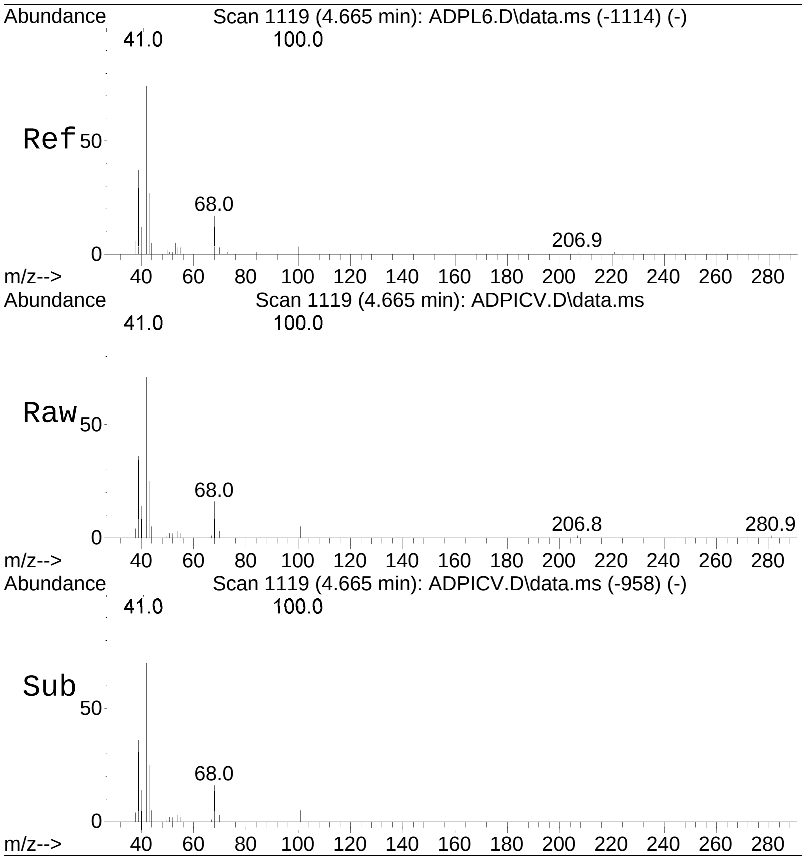





```
#35
n-Decane
Concen:    5.40 ug/ml
RT:   4.186 min  Scan# 965
Delta R.T.  0.000 min
Lab File:   ADPICV.D
Acq:  6 Nov 2024   4:40 am

Tgt Ion: 57 Resp:   39218
Ion  Ratio  Lower  Upper
 57  100
 43  116.0    0.2    0.2#
 41   62.8    0.2    0.2#
```

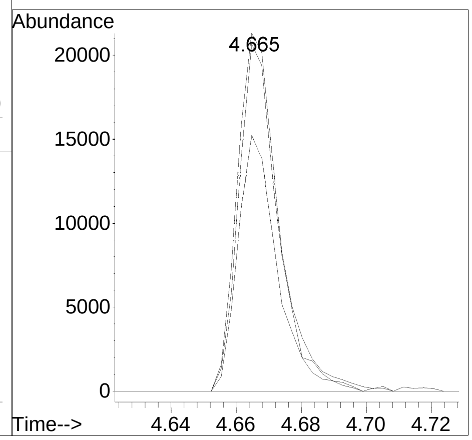


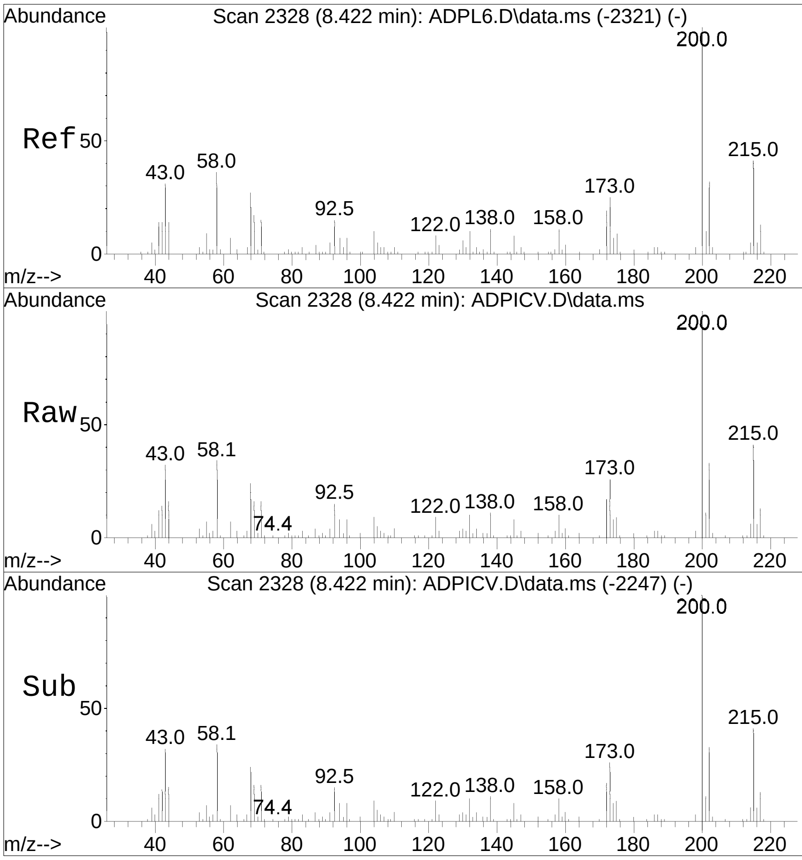


#36
n-Nitrosopyrrolidine
Concen: 5.49 ug/ml
RT: 4.665 min Scan# 1119
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 6 Nov 2024 4:40 am

Tgt Ion:100 Resp: 17407

Ion	Ratio	Lower	Upper
100	100		
41	110.0	63.0	94.4#
42	74.0	46.6	70.0#

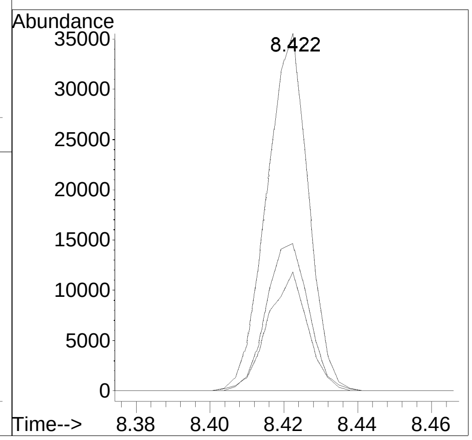


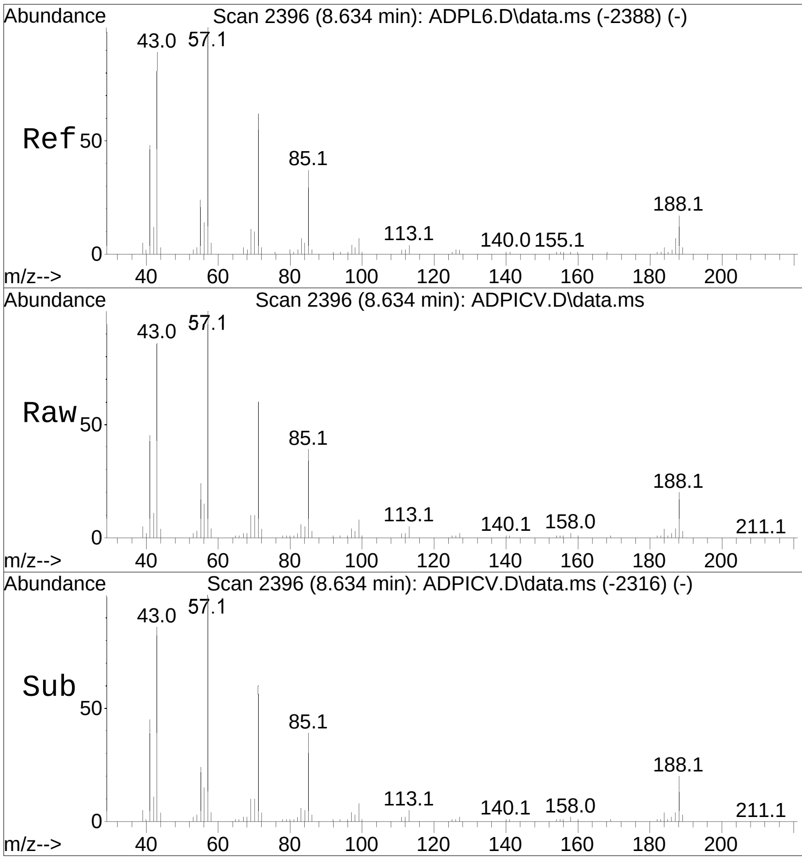


#89
Atrazine
Concen: 5.04 ug/ml
RT: 8.422 min Scan# 2328
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 6 Nov 2024 4:40 am

Tgt Ion:200 Resp: 27737

Ion	Ratio	Lower	Upper
200	100		
202	32.0	25.8	38.6
215	42.1	40.2	60.4

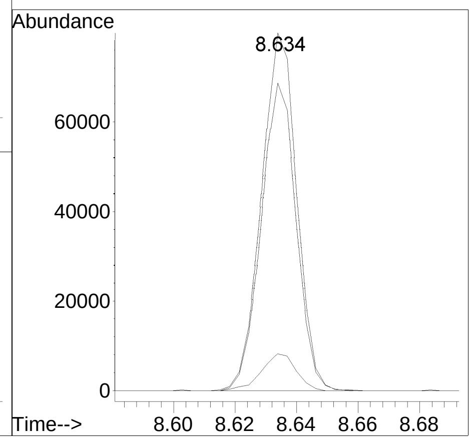


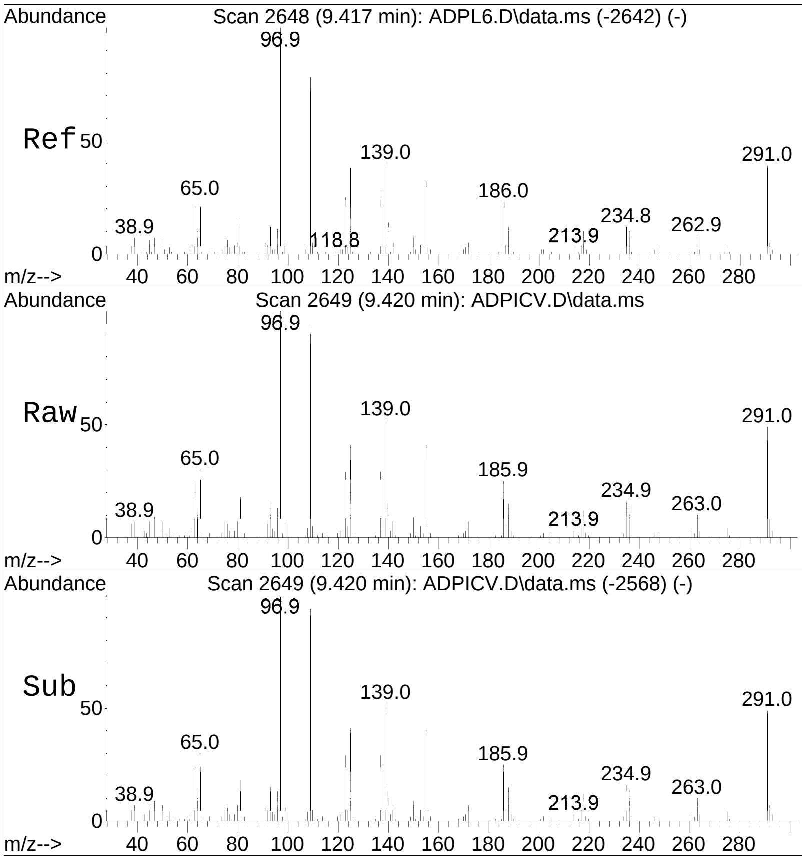


#103
n-Octadecane
Concen: 5.37 ug/ml
RT: 8.634 min Scan# 2396
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 6 Nov 2024   4:40 am

Tgt Ion: 57 Resp: 63318

Ion	Ratio	Lower	Upper
57	100		
43	85.6	9.0	13.6#
70	10.2	0.2	0.2#

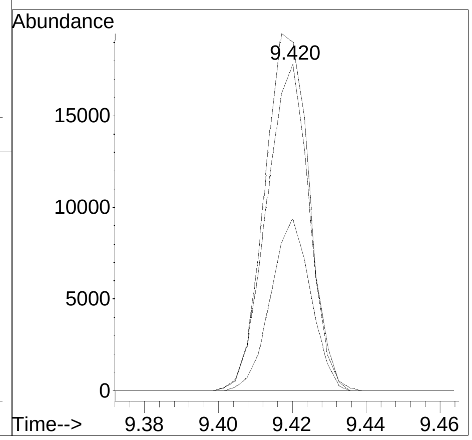


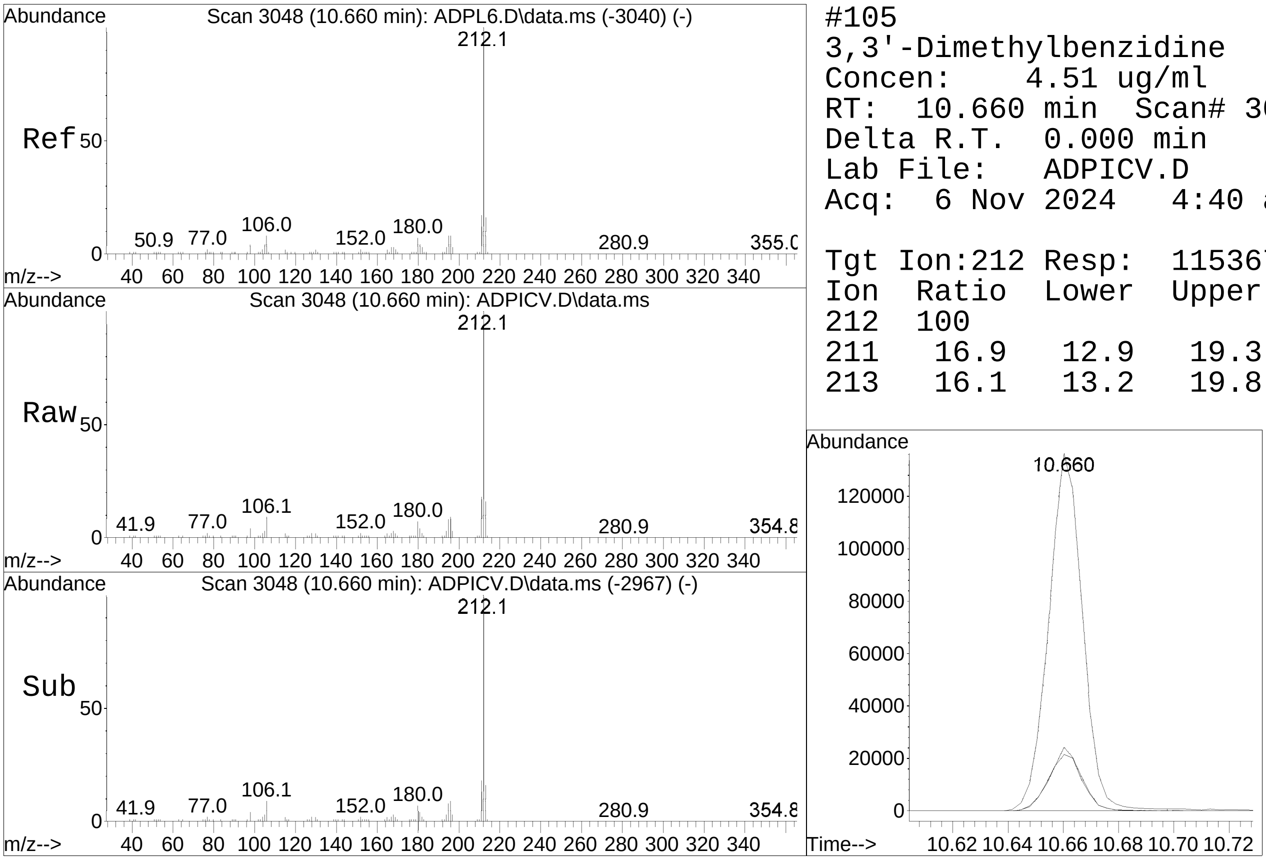


#104
Parathion
Concen: 4.89 ug/ml
RT: 9.420 min Scan# 2649
Delta R.T. 0.003 min
Lab File: ADPICV.D
Acq: 6 Nov 2024 4:40 am

Tgt Ion:109 Resp: 14391

Ion	Ratio	Lower	Upper
109	100		
97	113.2	87.4	131.2
291	49.4	34.2	51.2






```
#105
3,3'-Dimethylbenzidine
Concen:     4.51 ug/ml
RT:  10.660 min  Scan# 3048
Delta R.T.  0.000 min
Lab File:   ADPICV.D
Acq:  6 Nov 2024   4:40 am

Tgt Ion:212 Resp:  115367
Ion  Ratio  Lower  Upper
212  100
211   16.9   12.9   19.3
213   16.1   13.2   19.8
```

Manual Integration Report

```
Data Path   : I:\8270\Dakota\241105RVTICQMethod     : FS241105RVT_Dakota.m
Data File   : ADPICV.D                Operator    : Dakota:HNY
Date Inj'd  : 11/6/2024  4:40 am      Instrument  : Dakota
Sample      : CQICV,32,,ADPICV Lot# 1114Quant Date  : 11/11/2024  3:35 pm
```

There are no manual integrations or false positives in this file.

Evaluate Relative Error Report Dakota

Method Path : I:\8270\Dakota\241105RVTICAL\
Method File : FS241105RVT_Dakota.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Nov 11 15:34:18 2024

		COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
68	T	2,4-Dinitrophenol	L	ug/ml	5.0	4.560	-8.8	1.00	1.235	23.5
104	T	Parathion	Q	ug/ml	5.0	4.487	-10.3	0.50	0.639	27.8
105	T	3,3'-Dimethylbenzidine	L	ug/ml	5.0	4.491	-10.2	1.00	1.229	22.9

Calibration Correlation Report

		COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
68	T	2,4-Dinitrophenol	Linear	0.995883	0.000000	0.219967	-0.0353966
104	T	Parathion	Quadratic	0.997840	0.002726	0.0829685	-0.00379272
105	T	3,3'-Dimethylbenzidine	Linear	0.997212	0.000000	0.864599	-0.15929

Response Factor Report SV 106

Method Path : I:\8270\SV106\250311RVTical\
Method File : FS250311SV106.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 12 12:21:00 2025
Response Via : Initial Calibration

Calibration Files
L1 =ABNL1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------------			ISTD			---------------------				
2)	t	N-Nitrosodimethylamine	0.783	0.639	0.806	0.721	0.661	0.702	0.699	0.722	0.729	0.718	7.31
3)	t	Pyridine	1.339	1.093	1.529	1.236	1.201	1.149	1.191	1.244	1.273	1.251	10.09
4)	S	2-Fluorophenol	1.224	1.069	1.213	1.104	1.001	1.105	1.120	1.164	1.155	1.128	6.20
5)	T	Aniline	1.435	1.473	1.919	1.836	1.609	1.811	1.825	1.885	1.851	1.738	10.53
6)	t	2-Chlorophenol	1.198	1.133	1.316	1.271	1.151	1.200	1.235	1.253	1.205	1.218	4.74
7)	S	Phenol-d6	1.413	1.195	1.418	1.380	1.214	1.307	1.307	1.353	1.318	1.323	5.98
8)	T	Phenol	1.689	1.351	1.550	1.470	1.327	1.425	1.435	1.468	1.418	1.459	7.41
9)	T	bis(2-Chloroethyl)ether	1.263	1.082	1.308	1.252	1.050	1.135	1.126	1.130	1.088	1.159	7.91
10)	T	1,3-Dichlorobenzene	1.816	1.456	1.735	1.588	1.418	1.466	1.458	1.484	1.441	1.540	9.30
11)	T	1,4-Dichlorobenzene	1.775	1.571	1.744	1.599	1.419	1.539	1.507	1.527	1.489	1.574	7.42
12)	T	1,2-Dichlorobenzene	1.478	1.599	1.747	1.530	1.349	1.422	1.422	1.444	1.423	1.490	8.06
13)	t	Benzyl alcohol	0.936	0.785	0.924	0.877	0.840	0.905	0.944	0.994	0.988	0.910	7.45
14)	T	bis(2-chloroisopropyl)ether	3.091	2.730	3.138	2.726	2.446	2.605	2.535	2.564	2.500	2.704	9.30
15)	T	2-Methylphenol	1.421	1.210	1.452	1.326	1.213	1.227	1.184	1.291	1.220	1.283	7.62
16)	T	Hexachloroethane	0.595	0.543	0.555	0.568	0.502	0.539	0.536	0.544	0.533	0.546	4.72
17)	T	n-Nitrosodi-n-propylamine	0.885	0.765	0.920	0.849	0.776	0.846	0.856	0.902	0.894	0.855	6.33
18)	T	3-Methylphenol/4-Methylphenol	1.159	1.015	1.134	1.151	1.009	1.108	1.115	1.159	1.141	1.110	5.28
19)	S	Nitrobenzene-d5	1.074	0.972	1.124	1.108	0.964	1.102	1.139	1.210	1.168	1.096	7.53
20)	T	Nitrobenzene	1.087	1.017	1.105	1.088	1.032	1.137	1.184	1.229	1.185	1.118	6.41
21)	T	Isophorone	2.346	2.038	2.466	2.303	2.103	2.283	2.326	2.409	2.386	2.296	6.10
22)	T	2-Nitrophenol	0.450	0.400	0.518	0.481	0.457	0.512	0.554	0.609	0.599	0.509	13.74
23)	T	2,4-Dimethylphenol	1.252	1.058	1.221	1.170	1.096	1.227	1.222	1.278	1.261	1.198	6.32
24)	T	bis(2-Chloroethoxy)methane	2.026	1.644	1.872	1.648	1.492	1.468	1.436	1.469	1.695	1.639	12.36
25)	T	2,4-Dichlorophenol	1.091	1.055	1.129	1.154	1.018	1.156	1.169	1.237	1.226	1.137	6.43
26)	T	1,2,4-Trichlorobenzene	1.699	1.523	1.585	1.484	1.275	1.382	1.375	1.414	1.380	1.457	8.86
27)	I	IS2_1,4-Dichlorobenzene-d4	----------------			ISTD			---------------------				
28)	T	Benzaldehyde	0.817	0.939	1.065	0.956	0.864	0.943	0.930	1.089	0.980	0.954	9.01
29)	T	Acetophenone	1.654	1.322	1.819	1.638	1.502	1.665	1.613	1.890	1.708	1.646	10.09
30)	T	m-Toluidine			1.266	1.297	1.394	1.557	1.561	1.856	1.668	1.514	13.95
31)	T	2-Chloroaniline	1.346	1.252	1.654	1.465	1.369	1.470	1.496	1.744	1.531	1.481	10.28
32)	I	IS3_1,4-Dichlorobenzene-d4	----------------			ISTD			---------------------				
33)	t	1,4-Dioxane	0.690	0.570	0.697	0.523	0.467	0.467	0.470	0.547	0.500	0.548	16.44
34)	T	n-Decane	1.845	1.532	1.881	1.764	1.460	1.569	1.627	1.900	1.719	1.700	9.45
35)	I	IS1_Naphthalene-d8	----------------			ISTD			---------------------				
36)	T	Naphthalene	1.239	1.058	1.194	1.095	0.950	1.020	1.014	1.024	1.003	1.066	8.86
37)	T	Benzoic Acid			0.144	0.142	0.139	0.100	0.171	0.226		*Q	0.9979
38)	T	4-Chloroaniline	0.134	0.133	0.135	0.133	0.119	0.133	0.132	0.135	0.131	0.132	3.68
39)	T	Hexachlorobutadiene	0.287	0.237	0.267	0.244	0.218	0.239	0.235	0.237	0.231	0.244	8.47
40)	T	p-Chloro-m-cresol	0.353	0.335	0.347	0.316	0.278	0.310	0.312	0.328	0.345	0.325	7.23
41)	T	2-Methylnaphthalene	0.708	0.611	0.709	0.643	0.571	0.625	0.619	0.635	0.618	0.638	7.02
42)	T	1-Methylnaphthalene	0.281	0.262	0.282	0.238	0.215	0.233	0.230	0.233	0.228	0.245	9.96
43)	T	Hexachlorocyclopentadiene	0.334	0.276	0.315	0.289	0.262	0.298	0.301	0.314	0.310	0.300	7.33
44)	T	2,4,6-Trichlorophenol	0.279	0.224	0.250	0.236	0.219	0.252	0.258	0.271	0.272	0.251	8.55
45)	T	2,4,5-Trichlorophenol	0.258	0.214	0.233	0.235	0.236	0.263	0.273	0.289	0.293	0.255	10.66

Response Factor Report SV 106

Method Path : I:\8270\SV106\250311RVTical\
Method File : FS250311SV106.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 12 12:21:00 2025
Response Via : Initial Calibration

Calibration Files
L1 =ABNL1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
46) S	2-Fluorobiphenyl	1.075	0.922	1.017	0.923	0.824	0.893	0.877	0.899	0.879	0.923	8.35
47) T	2-Chloronaphthalene	0.915	0.720	0.839	0.749	0.679	0.734	0.718	0.733	0.721	0.756	9.69
48) T	2-Nitroaniline	0.133	0.138	0.149	0.146	0.144	0.174	0.188	0.211	0.213	0.166	18.82
49) T	1,4-Dinitrobenzene		0.014	0.011	0.014	0.012	0.015	0.025	0.053	0.099	*Q	1.0000
50) T	1,3-Dinitrobenzene					0.077	0.100	0.106	0.121	0.117	0.104	16.96
51) T	Dimethyl phthalate	1.084	0.893	0.956	0.901	0.832	0.903	0.861	0.891	0.856	0.908	8.22
52) T	Acenaphthylene	1.387	1.177	1.273	1.160	1.078	1.174	1.171	1.199	1.193	1.201	7.14
53) T	2,6-Dinitrotoluene	0.112	0.110	0.141	0.144	0.137	0.177	0.175	0.177	0.185	0.151	19.16
54) T	1,2-Dinitrobenzene		0.046	0.052	0.052	0.060	0.070	0.077	0.075	0.074	0.063	19.21
55) I	IS2_Naphthalene-d8	----------------ISTD--------------------										
56) T	a-Terpineol	0.284	0.221	0.279	0.261	0.252	0.272	0.276	0.325	0.305	0.275	10.91
57) T	3-Chloroaniline	0.123	0.115	0.152	0.150	0.129	0.140	0.141	0.160	0.145	0.139	10.56
58) T	2,6-Dichlorophenol	0.283	0.236	0.265	0.258	0.236	0.264	0.274	0.319	0.295	0.270	9.87
59) T	1-chloro-2-nitrobenzene	0.095	0.092	0.108	0.102	0.099	0.104	0.112	0.133	0.126	0.108	12.82
60) T	Caprolactam	0.196	0.156	0.149	0.147	0.136	0.148	0.166	0.200	0.184	0.165	14.22
61) T	1,2,4,5-Tetrachlorobenzene	0.460	0.358	0.442	0.409	0.368	0.381	0.381	0.427	0.388	0.401	8.71
62) T	Biphenyl	1.000	0.843	0.967	0.890	0.807	0.844	0.829	0.939	0.848	0.885	7.69
63) I	IS1_Acenaphthene-d10	----------------ISTD--------------------										
64) T	3-Nitroaniline	0.247	0.185	0.207	0.227	0.217	0.266	0.293	0.314	0.315	0.252	18.81
65) T	Acenaphthene	1.498	1.192	1.163	1.100	0.919	1.022	0.989	1.000	1.032	1.101	15.61
66) T	2,4-Dinitrophenol	0.046	0.075	0.095	0.099	0.095	0.117	0.131	0.164	0.167	*Q	0.9956
67) T	Dibenzofuran	2.170	1.878	2.090	1.916	1.548	1.689	1.667	2.098	2.168	1.914	12.29
68) T	2,4-Dinitrotoluene	0.235	0.253	0.260	0.286	0.272	0.331	0.353	0.446	0.491	*Q	0.9979
69) T	4-Nitrophenol	0.180	0.133	0.178	0.179	0.160	0.198	0.216	0.236	0.253	0.192	19.52
70) T	2,3,5,6-Tetrachlorophenol	0.352	0.283	0.362	0.334	0.303	0.354	0.501	0.397	0.401	0.365	17.53
71) T	2,3,4,6-Tetrachlorophenol	0.341	0.270	0.342	0.334	0.302	0.349	0.363	0.399	0.396	0.344	11.94
72) T	Diethyl phthalate	1.402	1.330	1.450	1.366	1.180	1.342	1.308	1.422	1.431	1.359	6.11
73) T	Fluorene	1.612	1.458	1.505	1.421	1.191	1.352	1.350	1.395	1.407	1.410	8.22
74) T	4-Chlorophenyl-phenylether	0.907	0.776	0.824	0.747	0.620	0.687	0.681	0.703	0.694	0.738	11.78
75) T	4-Nitroaniline	0.216	0.187	0.227	0.238	0.213	0.260	0.264	0.300	0.304	0.246	16.23
76) T	4,6-Dinitro-o-cresol			0.141	0.133	0.135	0.176	0.191	0.226	0.235	*L	0.9929
77) T	NDPA/DPA	1.326	1.129	1.255	1.192	1.056	1.133	1.131	1.176	1.182	1.176	6.70
78) T	Azobenzene	1.195	1.034	1.201	1.149	0.990	1.110	1.122	1.143	1.147	1.121	6.20
79) S	2,4,6-Tribromophenol	0.187	0.164	0.208	0.202	0.180	0.214	0.218	0.240	0.238	0.206	12.38
80) T	4-Bromophenyl-phenylether	0.558	0.465	0.502	0.462	0.388	0.440	0.433	0.457	0.463	0.463	10.17
81) T	Hexachlorobenzene	0.590	0.600	0.659	0.542	0.450	0.501	0.500	0.525	0.520	0.543	11.65
82) T	Pentachlorophenol			0.246	0.237	0.227	0.278	0.300	0.336	0.352	0.282	17.41
83) I	IS2_Acenaphthene-d10	----------------ISTD--------------------										
84) T	Dichloran					0.086	0.107	0.121	0.165	0.167	*L	0.9986
85) T	Pentachloronitrobenzene			0.134	0.111	0.119	0.132	0.147	0.185	0.180	0.144	19.92
86) I	IS3_Acenaphthene-d10	----------------ISTD--------------------										
87) T	Atrazine	0.371	0.301	0.330	0.306	0.305	0.335	0.385	0.516	0.440	0.366	19.90
88) I	IS1_Phenanthrene-d10	----------------ISTD--------------------										
89) T	Phenanthrene	1.467	1.201	1.229	1.130	0.984	1.066	1.050	1.070	1.022	1.135	13.04
90) T	Anthracene	1.273	1.128	1.218	1.083	0.972	1.086	1.067	1.091	1.049	1.107	8.13

Response Factor Report SV 106

Method Path : I:\8270\SV106\250311RVTical\
Method File : FS250311SV106.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 12 12:21:00 2025
Response Via : Initial Calibration

Calibration Files
L1 =ABNL1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
91) T	Carbazole	1.007	0.946	1.055	0.993	0.902	0.996	0.987	1.014	1.000	0.989	4.36
92) T	Di-n-butylphthalate	1.042	0.879	1.042	0.976	0.931	1.115	1.147	1.464	1.453	1.116	18.90
93) T	Fluoranthene	1.518	1.269	1.388	1.260	1.152	1.255	1.257	1.322	1.257	1.298	8.00
94) T	Benzidine			0.517	0.579	0.617	0.739	0.782	0.857	0.834	0.704	18.85
95) T	Pyrene	1.623	1.313	1.486	1.366	1.236	1.328	1.280	1.330	1.268	1.359	9.00
96) S	4-Terphenyl-d14	1.198	1.044	1.129	1.026	0.928	1.001	0.974	1.018	1.020	1.038	7.80
97) T	Butyl benzyl phthalate			0.360	0.335	0.347	0.440	0.470	0.554	0.567	*L	0.9941
98) I	IS2_Phenanthrene-d10	----------------ISTD---------------------										
99) T	Diphenamid	0.384	0.336	0.383	0.352	0.358	0.426	0.442	0.538	0.495	0.413	16.71
100) I	IS3_Phenanthrene-d10	----------------ISTD---------------------										
101) T	n-Octadecane	0.465	0.378	0.436	0.423	0.377	0.441	0.479	0.604	0.519	0.458	15.53
102) T	Parathion			0.066	0.057	0.051	0.057	0.068	0.107		*Q	1.0000
103) T	3,3'-Dimethylbenzidine					0.486	0.597	0.764	1.061	0.970	*L	0.9945
104) I	IS1_Chrysene-d12	----------------ISTD---------------------										
105) T	Benzo[a]anthracene	1.484	1.248	1.356	1.216	1.113	1.221	1.268	1.313	1.283	1.278	8.06
106) T	3,3'-Dichlorobenzidine	0.366	0.327	0.409	0.409	0.404	0.457	0.478	0.512	0.498	0.429	14.44
107) T	Chrysene	1.563	1.341	1.467	1.269	1.114	1.190	1.140	1.179	1.140	1.267	12.56
108) T	bis(2-Ethylhexyl)phthalate		0.435	0.532	0.503	0.541	0.652	0.677	0.758	0.770	*L	0.9961
109) T	Di-n-octylphthalate			0.787	0.753	0.799	1.040	1.119	1.350	1.382	*L	0.9931
110) T	Benzo(b)fluoranthene	1.371	1.201	1.334	1.447	1.256	1.333	1.253	1.339	1.293	1.314	5.55
111) T	Benzo(k)fluoranthene	1.449	1.230	1.429	1.106	1.048	1.187	1.224	1.191	1.137	1.222	11.12
112) T	Benzo(a)pyrene	1.200	1.065	1.216	1.142	1.065	1.177	1.159	1.206	1.180	1.157	4.92
113) I	IS1_Perylene-d12	----------------ISTD---------------------										
114) T	Indeno(1,2,3-cd)pyrene	1.094	0.997	1.068	1.000	0.977	1.136	1.132	1.161	1.045	1.068	6.34
115) T	Dibenzo[a,h]anthracene	1.140	0.961	1.119	1.074	0.959	1.097	1.114	1.091	1.009	1.063	6.47
116) T	Benzo(g,h,i)perylene	1.131	1.077	1.115	1.076	0.929	1.064	1.072	1.061	0.902	1.047	7.50

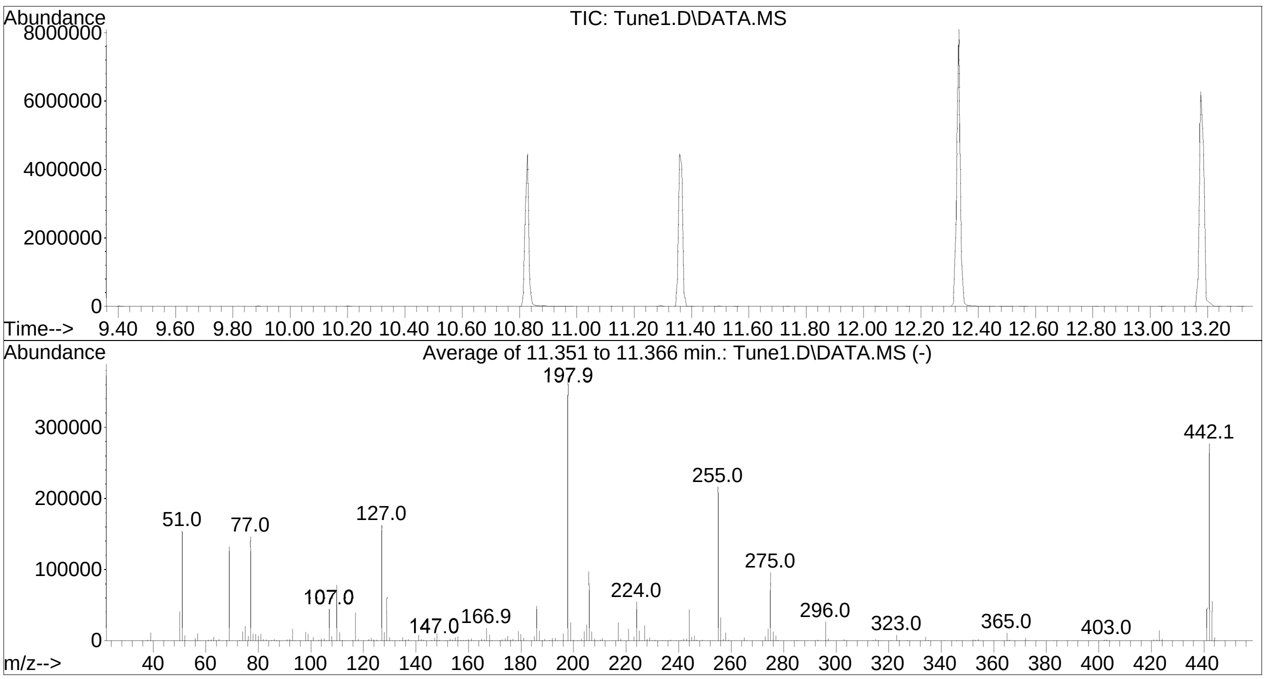
(#) = Out of Range

DFTPP

Data Path : I:\8270\SV106\250311RVTical\
Data File : Tune1.D
Acq On   : 11 Mar 2025   4:27 pm
Operator : SV106:ljg
Sample   : Tune1 Lot# 11459
Misc   : WG2039658,,ical
ALS Vial : 141   Sample Multiplier: 1

Integration File: rteint.p

Method   : I:\8270\SV106\250311RVTical\FS250311SV106.m
Title   : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 12 12:21:00 2025



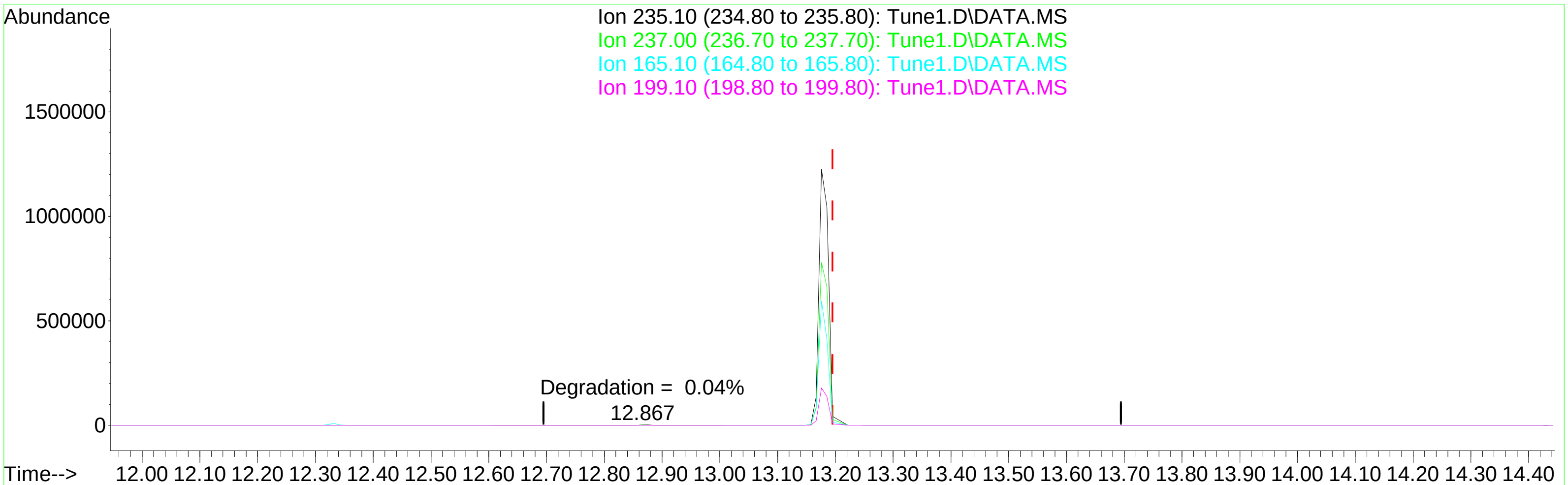
Spectrum Information: Average of 11.351 to 11.366 min.

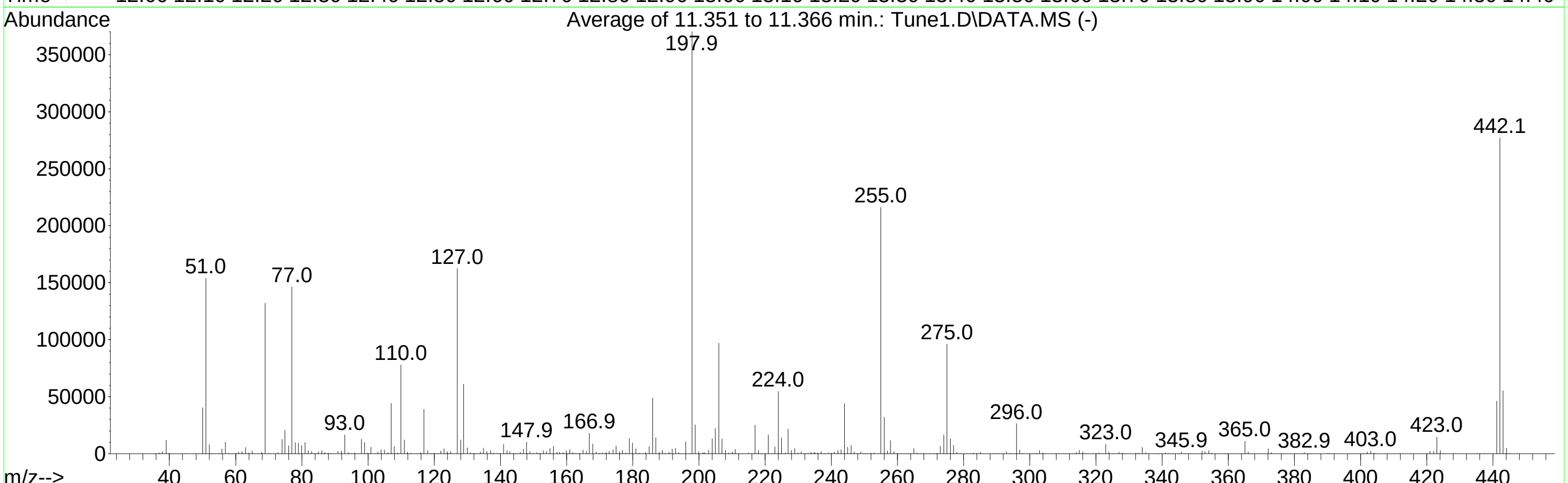
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	41.5	153869	PASS
68	69	0.00	2	1.1	1405	PASS
69	69	100	100	100.0	132147	PASS
70	69	0.00	2	0.5	601	PASS
127	198	10	80	43.9	162464	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	370389	PASS
199	198	5	9	6.9	25422	PASS
275	198	10	60	25.9	96095	PASS
365	198	1	100	3.0	11191	PASS
441	442	0.01	24	16.7	46163	PASS
442	198	50	100	74.8	277043	PASS
443	442	15	24	20.0	55370	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250311RVTical\
Data File : Tune1.D
Acq On : 11 Mar 2025 4:27 pm
Operator : SV106:ljg
Sample : Tune1 Lot# 11459
Misc : WG2039658,,ical
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 11 16:46:29 2025
Quant Method : I:\8270\SV106\250311RVTical\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot# 11459]

(6) DDT (T)

13.176min (-0.019) 251.38

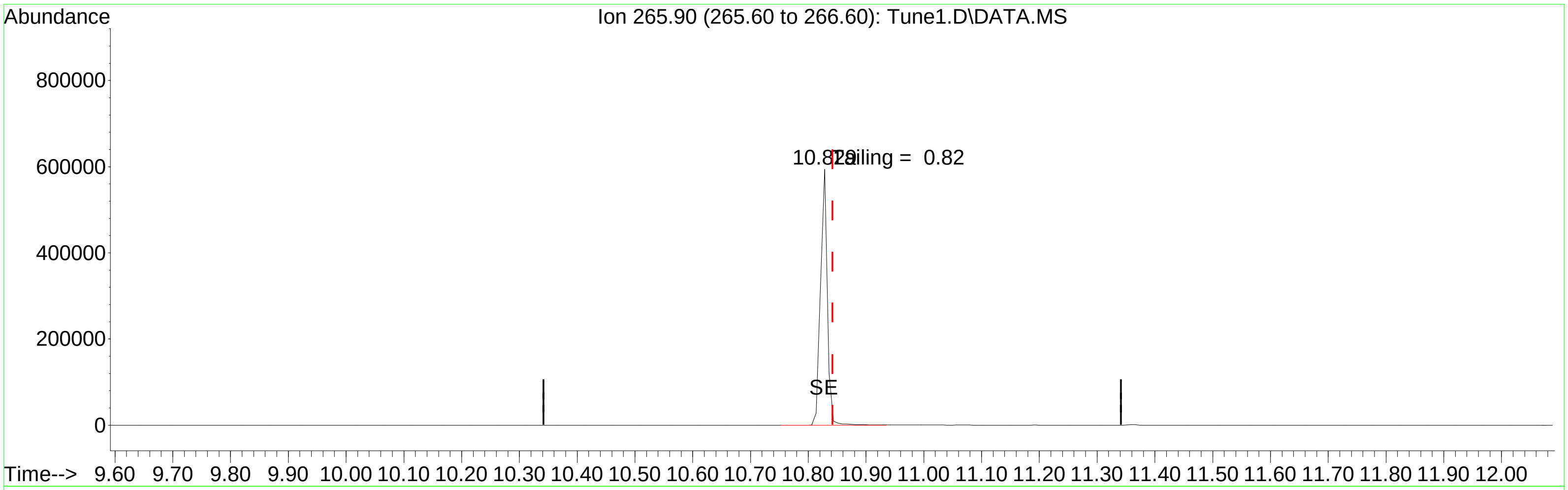
response 1532361

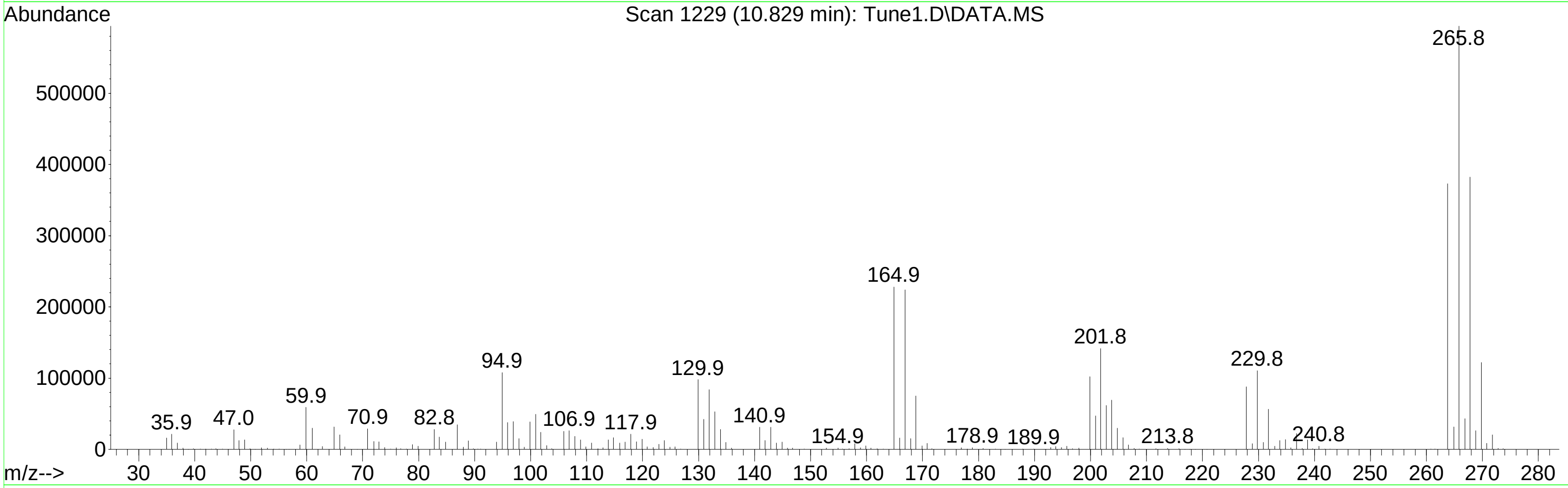
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.30	64.95
165.10	44.50	43.25
199.10	14.80	14.31

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250311RVTical\
Data File : Tune1.D
Acq On : 11 Mar 2025 4:27 pm
Operator : SV106:ljg
Sample : Tune1 Lot# 11459
Misc : WG2039658,,ical
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 11 16:46:29 2025
Quant Method : I:\8270\SV106\250311RVTical\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot# 11459]

(1) Pentachlorophenol (T)

10.829min (-0.013) 233.79

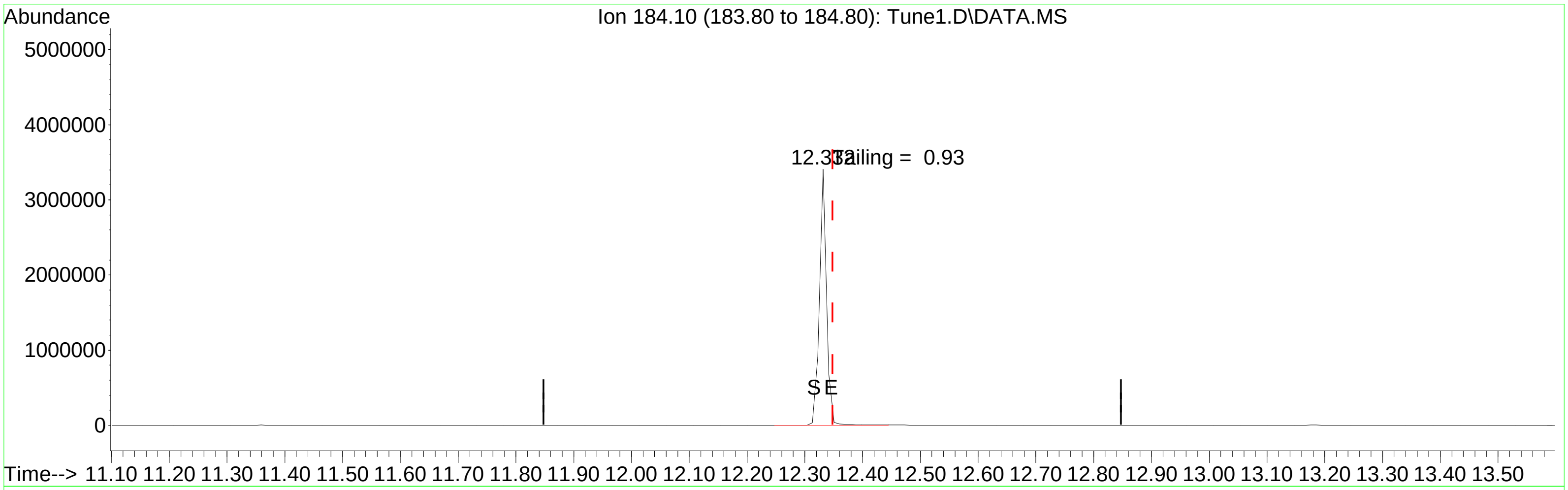
response 491035

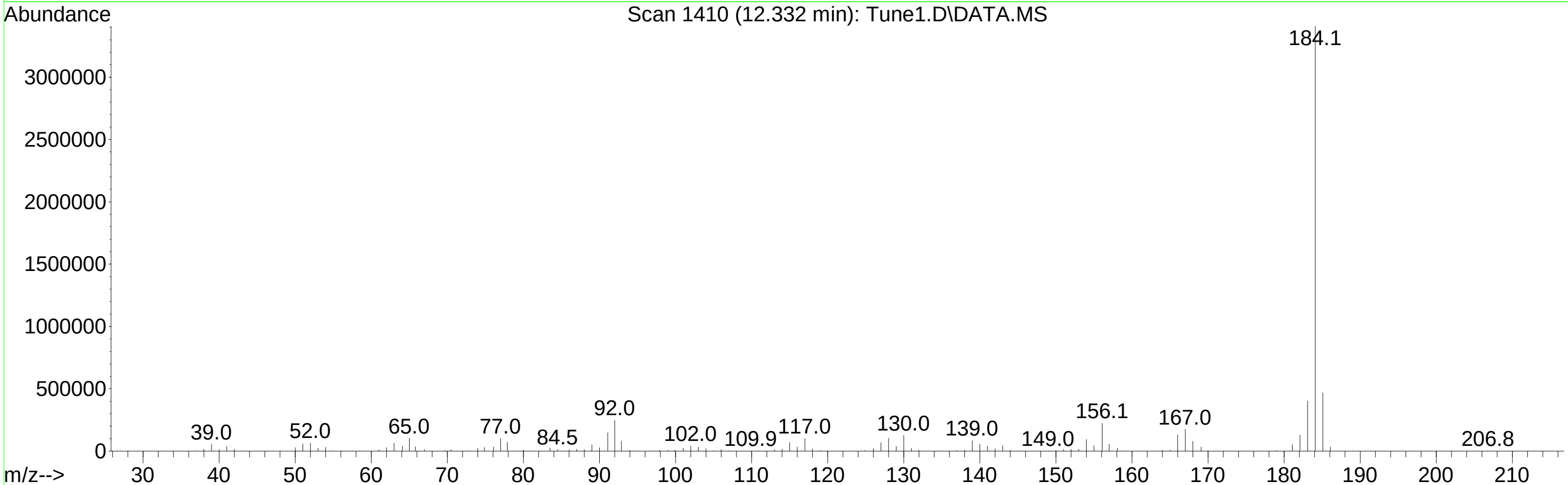
Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250311RVTical\
Data File : Tune1.D
Acq On : 11 Mar 2025 4:27 pm
Operator : SV106:ljg
Sample : Tune1 Lot# 11459
Misc : WG2039658,,ical
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 11 16:46:29 2025
Quant Method : I:\8270\SV106\250311RVTical\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot# 11459]

(3) Benzidine (T)

12.332min (-0.016) 283.93

response 2890419

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL9.D
Acq On    : 11 Mar 2025   4:50 pm
Operator  : SV106:ljg
Sample    : IL2,32,,ABNL50 Lot# 11425
Misc      : WG2039658,,ical
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 12 06:29:44 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ABNical - ABN ical sublist

       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
--------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.351  152     56414     4.000 ug/ml  # 0.00
   Standard Area 1 = 55857                 Recovery   =  101.00%
35) IS1_Naphthalene-d8          7.790  136    211060     4.000 ug/ml  # 0.00
   Standard Area 1 = 204785                 Recovery   =  103.06%
63) IS1_Acenaphthene-d10        9.561  164    132829     4.000 ug/ml    0.01
   Standard Area 1 = 132560                 Recovery   =  100.20%
88) IS1_Phenanthrene-d10       10.995  188    274942     4.000 ug/ml  # 0.00
   Standard Area 1 = 260564                 Recovery   =  105.52%
104) IS1_Chrysene-d12          13.633  240    292872     4.000 ug/ml    0.02
   Standard Area 1 = 281321                 Recovery   =  104.11%
113) IS1_Perylene-d12          15.095  264    312016     4.000 ug/ml    0.02
   Standard Area 1 = 300591                 Recovery   =  103.80%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.363  112    814728    46.417 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   = 2320.85%#
 7) Phenol-d6                   5.985   99    929330    43.990 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   = 2199.50%#
19) Nitrobenzene-d5             7.017   82    823850    42.975 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   = 4297.50%#
46) 2-Fluorobiphenyl            8.918  172   2319699    47.487 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   = 4748.70%#
79) 2,4,6-Tribromophenol       10.328  330    395303    52.601 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   = 2630.05%#
96) 4-Terphenyl-d14            12.585  244   3506305    47.520 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   = 4752.00%#

 Target Compounds                                                  Qvalue
 2) n-Nitrosodimethylamine      1.990   74    514038     47.945 ug/ml#    83
 3) Pyridine                    2.019   79    897374     52.209 ug/ml     80
 5) Aniline                     5.943   93   1304932     52.242 ug/ml     99
 6) 2-Chlorophenol              6.087  128    850044     44.148 ug/ml     95
 8) Phenol                      6.002   94    999952     45.609 ug/ml     98
 9) Bis(2-chloroethyl)ether     6.070   93    767083     42.481 ug/ml#    75
10) 1,3-Dichlorobenzene         6.274  146   1015878     43.165 ug/ml     97
11) 1,4-Dichlorobenzene         6.368  146   1049941     43.797 ug/ml     97
12) 1,2-Dichlorobenzene         6.555  146   1003707     43.657 ug/ml     97
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL9.D
Acq On : 11 Mar 2025 4:50 pm
Operator : SV106:ljg
Sample : IL2,32,,ABNL50 Lot# 11425
Misc : WG2039658,,ical
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 06:29:44 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
13) Benzyl alcohol	6.572	79	696740	46.599 ug/ml	98
14) Bis(2-chloroisopropyl)...	6.754	45	1762991	62.078 ug/ml#	68
15) 2-Methylphenol	6.747	108	860451	54.313 ug/ml	86
16) Hexachloroethane	6.942	117	375982	43.426 ug/ml#	53
17) n-Nitrosodi-n-propylamine	6.897	70	630754	47.567 ug/ml	94
18) 3-Methylphenol/4-Methy...	6.935	108	804297	46.548 ug/ml	96
20) Nitrobenzene	7.040	77	835656	42.664 ug/ml	97
21) Isophorone	7.325	82	1682727	49.384 ug/ml	98
22) 2-Nitrophenol	7.400	139	422717	42.060 ug/ml	89
23) 2,4-Dimethylphenol	7.506	107	889366	56.375 ug/ml	97
24) Bis(2-chloroethoxy)met...	7.603	93	1195458	52.513 ug/ml	96
25) 2,4-Dichlorophenol	7.667	162	864592	49.044 ug/ml#	94
26) 1,2,4-Trichlorobenzene	7.747	180	973161	47.627 ug/ml	97
36) Naphthalene	7.811	128	2646005	44.406 ug/ml	99
37) Benzoic Acid	7.682	105	632143	42.095 ug/ml	94
38) 4-Chloroaniline	7.898	65	345107	51.640 ug/ml	85
39) Hexachlorobutadiene	7.977	225	608872	48.332 ug/ml	99
40) p-Chloro-m-cresol	8.431	107	910250	58.235 ug/ml	96
41) 2-Methylnaphthalene	8.528	142	1631008	41.078 ug/ml	95
42) 1-Methylnaphthalene	8.626	115	601863	46.854 ug/ml	98
43) Hexachlorocyclopentadiene	8.708	237	816572	59.093 ug/ml	98
44) 2,4,6-Trichlorophenol	8.828	196	718596	49.485 ug/ml	99
45) 2,4,5-Trichlorophenol	8.858	196	772320	51.373 ug/ml	98
47) 2-Chloronaphthalene	9.008	162	1902715	45.965 ug/ml	95
48) 2-Nitroaniline	9.128	138	562484	47.736 ug/ml	85
49) 1,4-Dinitrobenzene	9.266	168	260630M3	43.318 ug/ml	
50) 1,3-Dinitrobenzene	9.339	168	308852	46.830 ug/ml#	1
51) Dimethyl phthalate	9.339	163	2258620	46.804 ug/ml#	99
52) Acenaphthylene	9.413	152	3147550	51.001 ug/ml	99
53) 2,6-Dinitrotoluene	9.382	165	487004M6	49.637 ug/ml	
54) 1,2-Dinitrobenzene	9.424	168	195142	45.884 ug/ml#	1
64) 3-Nitroaniline	9.540	138	522686	48.729 ug/ml	88
65) Acenaphthene	9.592	154	1713189	44.587 ug/ml	91
66) 2,4-Dinitrophenol	9.635	184	276500	33.841 ug/ml#	83
67) Dibenzofuran	9.761	168	3600263	57.921 ug/ml	89
68) 2,4-Dinitrotoluene	9.772	165	815049	58.555 ug/ml	89
69) 4-Nitrophenol	9.729	65	420070	52.950 ug/ml#	25
70) 2,3,5,6-Tetrachlorophenol	9.849	232	665759M3	51.351 ug/ml	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL9.D
Acq On : 11 Mar 2025 4:50 pm
Operator : SV106:ljg
Sample : IL2,32,,ABNL50 Lot# 11425
Misc : WG2039658,,ical
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 06:29:44 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	9.891	232	657340	51.372	ug/ml	97
72)	Diethyl phthalate	10.039	149	2375342	47.123	ug/ml	98
73)	Fluorene	10.096	166	2336759	48.136	ug/ml	96
74)	4-Chlorophenyl phenyl ...	10.117	204	1151487	46.213	ug/ml#	86
75)	4-Nitroaniline	10.131	138	505299	46.296	ug/ml	85
76)	4,6-Dinitro-o-cresol	10.166	198	389939	38.916	ug/ml#	62
77)	NDPA/DPA	10.237	169	1963169	46.873	ug/ml	95
78)	Azobenzene	10.265	77	1903913	46.522	ug/ml#	91
80)	4-Bromophenyl phenyl e...	10.586	248	768129	49.764	ug/ml#	82
81)	Hexachlorobenzene	10.632	284	863219	49.389	ug/ml#	80
82)	Pentachlorophenol	10.829	266	584512	55.264	ug/ml	100
89)	Phenanthrene	11.018	178	3512739	43.545	ug/ml	100
90)	Anthracene	11.071	178	3604023	44.805	ug/ml	100
91)	Carbazole	11.237	167	3436562	47.449	ug/ml	99
92)	Di-n-butylphthalate	11.631	149	4992018	55.064	ug/ml#	98
93)	Fluoranthene	12.172	202	4319676	46.434	ug/ml#	92
94)	Benzidine	12.332	184	2865842	53.739	ug/ml#	95
95)	Pyrene	12.388	202	4357129	44.396	ug/ml	100
97)	Butyl benzyl phthalate	13.110	149	1949769	51.156	ug/ml	93
105)	Benzo(a)anthracene	13.625	228	4697248	46.514	ug/ml	100
106)	3,3'-Dichlorobenzidine	13.625	252	1824617	55.000	ug/ml#	96
107)	Chrysene	13.665	228	4173219	43.060	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	13.752	149	2820117	46.516	ug/ml	95
109)	Di-n-octylphthalate	14.434	149	5058845	50.317	ug/ml#	75
110)	Benzo(b)fluoranthene	14.729	252	4731985	48.561	ug/ml#	93
111)	Benzo(k)fluoranthene	14.760	252	4164174	45.877	ug/ml#	93
112)	Benzo(a)pyrene	15.039	252	4318958M3	51.071	ug/ml	
114)	Indeno(1,2,3-cd)pyrene	16.069	276	4077645M6	43.109	ug/mL	
115)	Dibenzo(a,h)anthracene	16.092	278	3933954	43.729	ug/ml#	88
116)	Benzo(ghi)perylene	16.314	276	3517262	41.757	ug/ml#	86

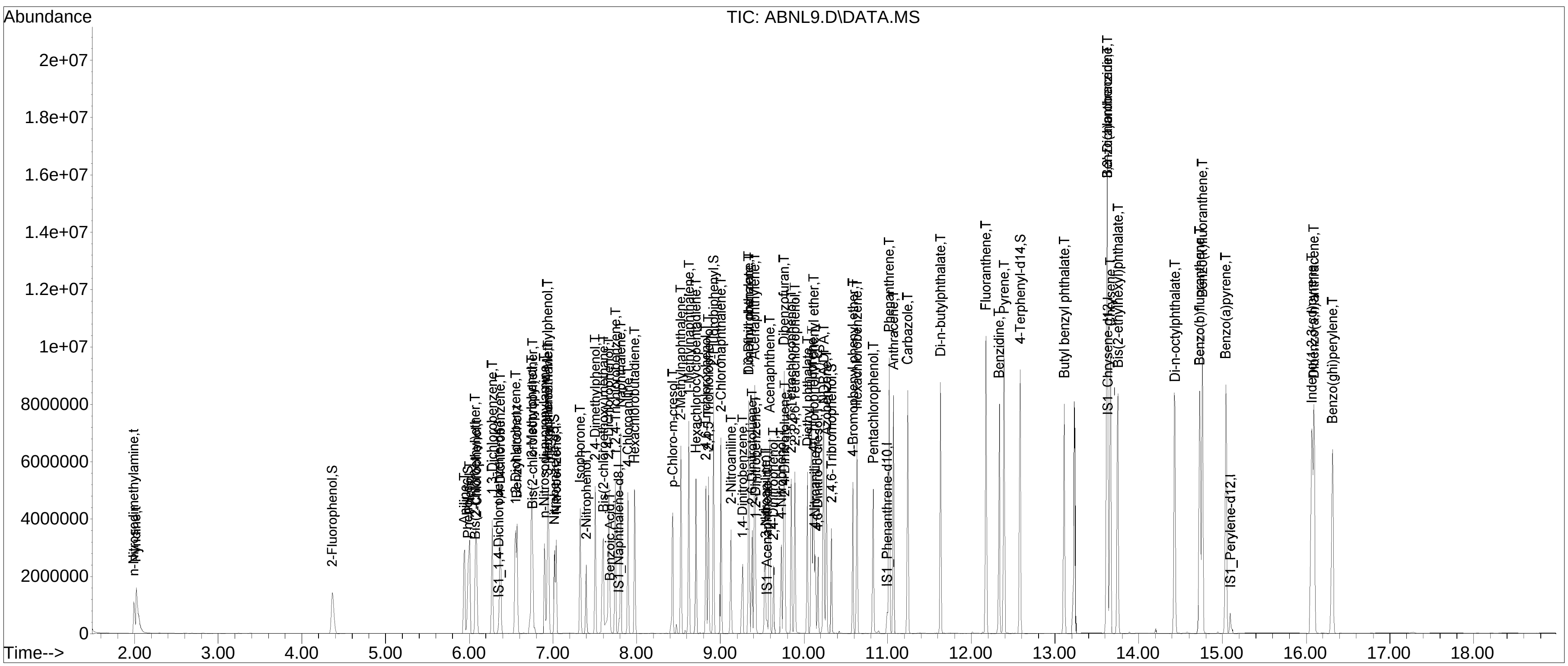
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL9.D
Acq On    : 11 Mar 2025   4:50 pm
Operator  : SV106:ljg
Sample    : IL2,32,,ABNL50 Lot# 11425
Misc      : WG2039658,,ical
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 12 06:29:44 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

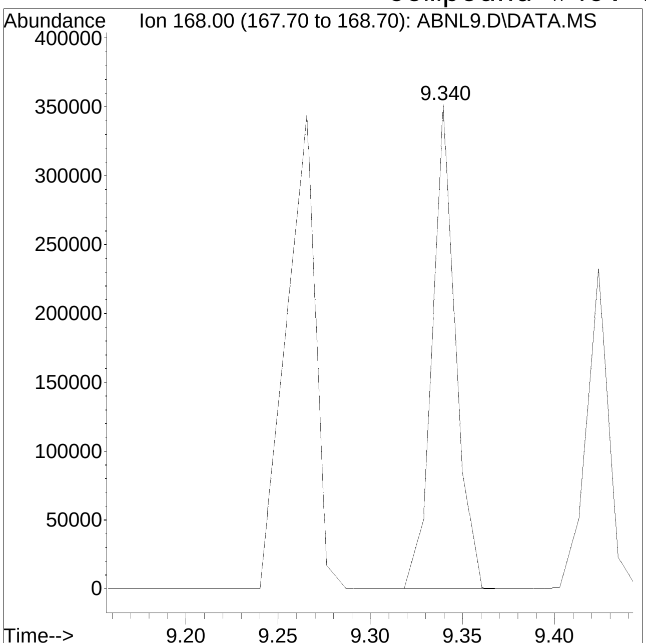
Sub List     : ABNical - ABN ical sublistTical\AP9L6.D•
```

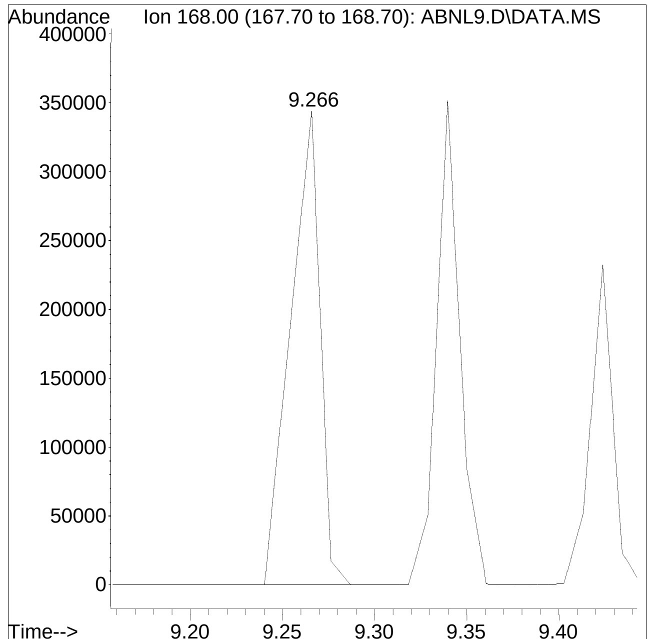


Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL9.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 4:50 pm Instrument : SV 106
Sample : IL2,32,,ABNL50 Lot# 11425 Quant Date : 3/12/2025 6:14 am

Compound #49: 1,4-Dinitrobenzene



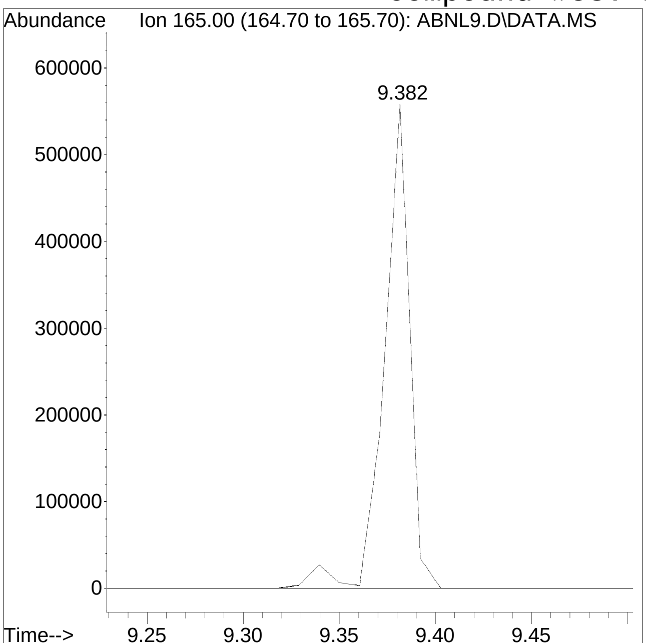


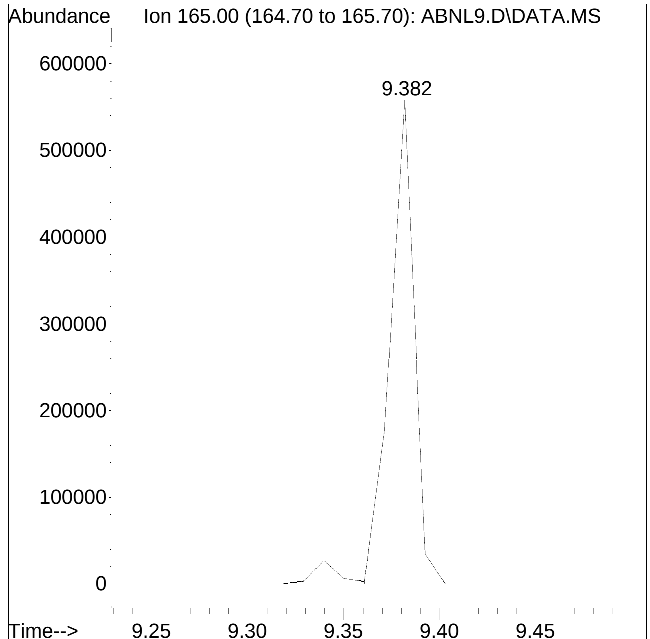
Original Peak Response = 308852 Manual Peak Response = 260630 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL9.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 4:50 pm Instrument : SV 106
Sample : IL2,32,,ABNL50 Lot# 11425 Quant Date : 3/12/2025 6:14 am

Compound #53: 2,6-Dinitrotoluene



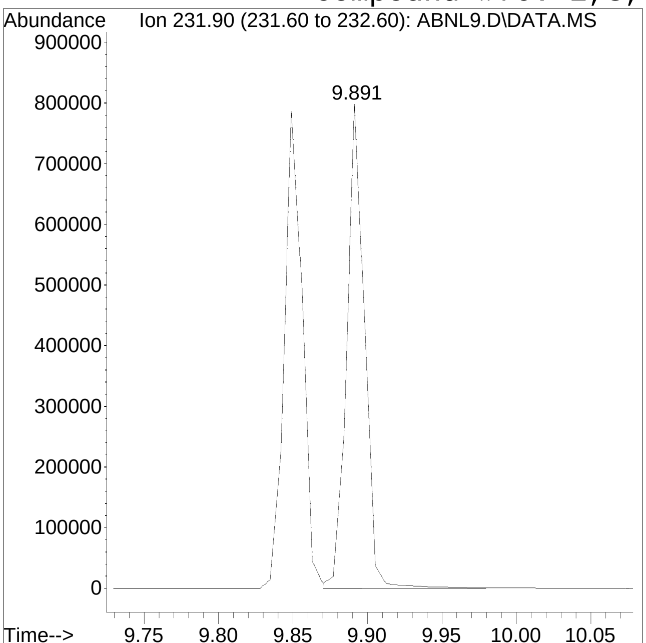


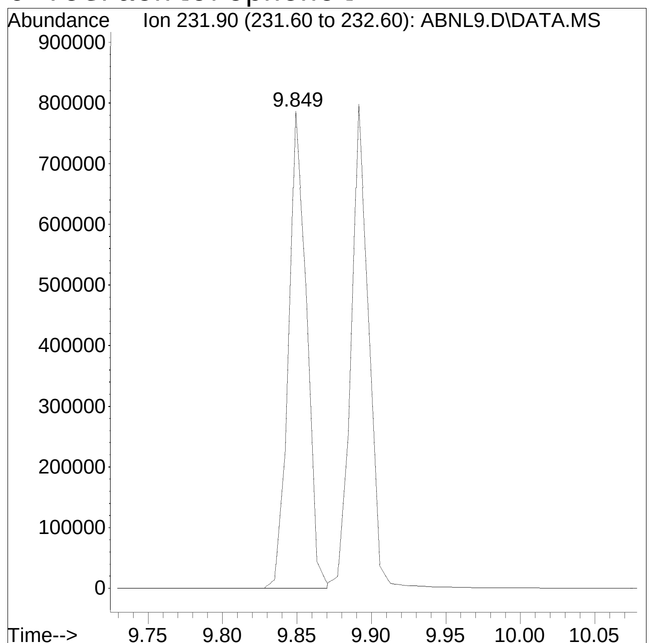
Original Peak Response = 512576 Manual Peak Response = 487004 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL9.D                    Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  4:50 pm         Instrument  : SV 106
Sample      : IL2,32,,ABNL50 Lot# 11425 Quant Date  : 3/12/2025  6:14 am
```

Compound #70: 2,3,5,6-Tetrachlorophenol





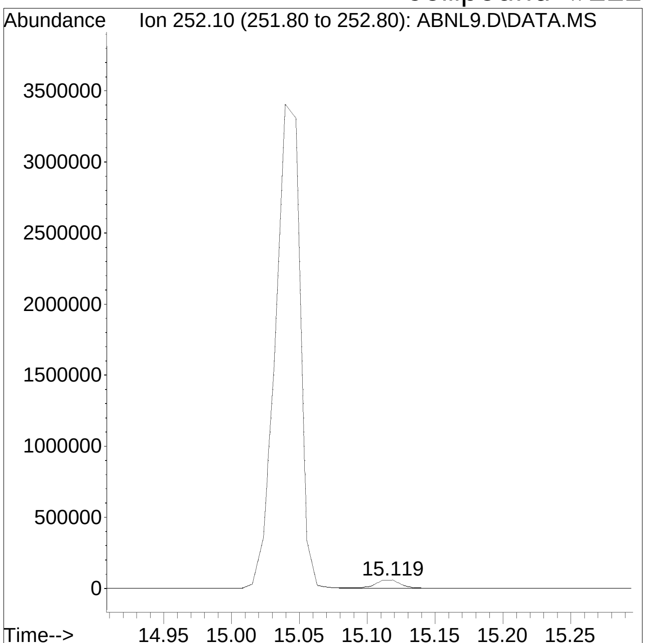
Original Peak Response = 657340   Manual Peak Response = 665759 M3

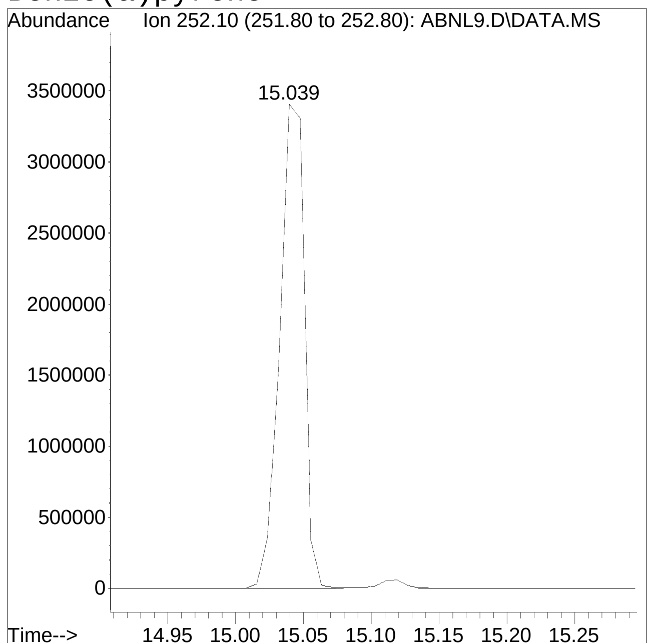
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL9.D                   Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  4:50 pm        Instrument  : SV 106
Sample      : IL2,32,,ABNL50 Lot# 11425 Quant Date  : 3/12/2025  6:14 am
```

Compound #112: Benzo(a)pyrene





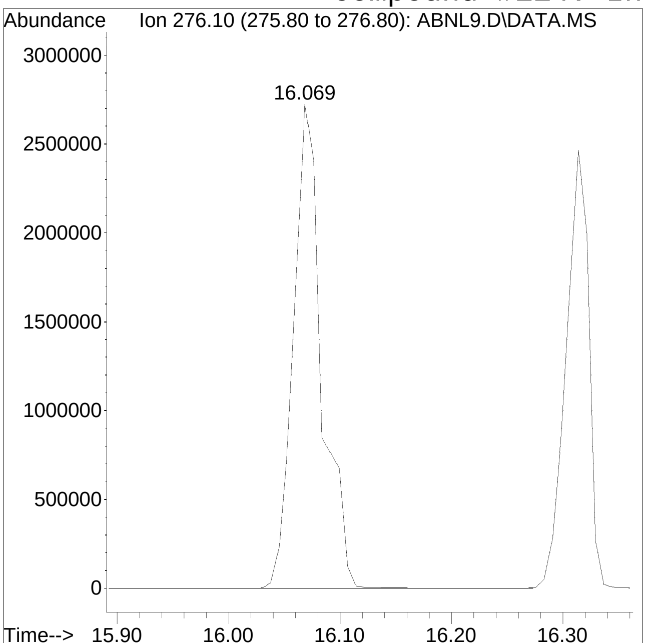
Original Peak Response = 78121   Manual Peak Response = 4318958 M3

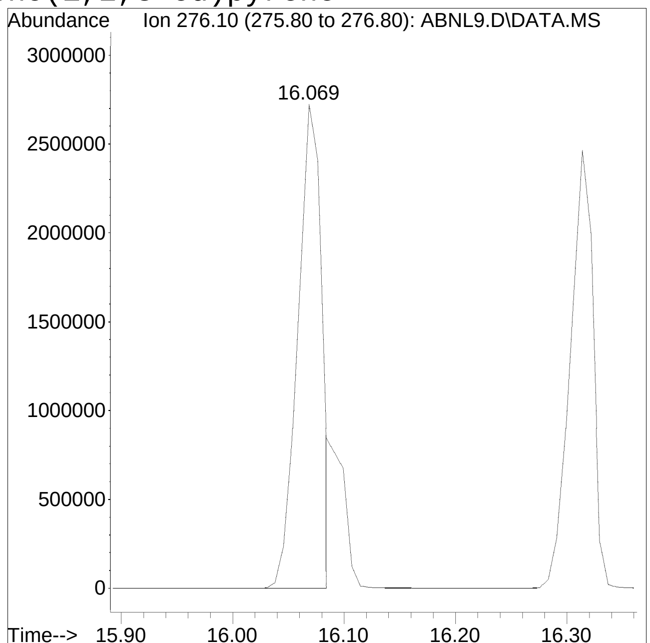
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL9.D                  Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  4:50 pm       Instrument  : SV 106
Sample      : IL2,32,,ABNL50 Lot# 11425 Quant Date : 3/12/2025  6:14 am
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 4812701 Manual Peak Response = 4077645 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL8.D
Acq On : 11 Mar 2025 5:14 pm
Operator : SV106:ljg
Sample : IL3,32,,ABNL25 Lot# 11426
Misc : WG2039658,,ical
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 06:28:27 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

```
        Compound                      R.T. QIon  Response  Conc Units Dev(Min)
---------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.351  152     54880     4.000 ug/ml  # 0.00
   Standard Area 1 = 55857                  Recovery   =   98.25%
35) IS1_Naphthalene-d8          7.790  136    204419     4.000 ug/ml  # 0.00
   Standard Area 1 = 204785                  Recovery   =   99.82%
63) IS1_Acenaphthene-d10        9.550  164    127809     4.000 ug/ml    0.00
   Standard Area 1 = 132560                  Recovery   =   96.42%
88) IS1_Phenanthrene-d10       10.995  188    261169     4.000 ug/ml    0.00
   Standard Area 1 = 260564                  Recovery   =  100.23%
104) IS1_Chrysene-d12          13.625  240    282451     4.000 ug/ml    0.00
   Standard Area 1 = 281321                  Recovery   =  100.40%
113) IS1_Perylene-d12          15.087  264    296909     4.000 ug/ml    0.00
   Standard Area 1 = 300591                  Recovery   =   98.78%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.370  112    399263    23.383 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   = 1169.15%#
 7) Phenol-d6                   5.985   99    464099    22.582 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   = 1129.10%#
19) Nitrobenzene-d5             7.017   82    415004    22.253 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   = 2225.30%#
46) 2-Fluorobiphenyl            8.918  172   1148043    24.265 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   = 2426.50%#
79) 2,4,6-Tribromophenol       10.321  330    191425    26.473 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   = 1323.65%#
96) 4-Terphenyl-d14            12.576  244   1662213    23.715 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   = 2371.50%#

 Target Compounds                                                  Qvalue
 2) n-Nitrosodimethylamine      1.997   74     247797     23.758 ug/ml#    83
 3) Pyridine                    2.033   79     426611     25.514 ug/ml     83
 5) Aniline                     5.943   93     646412     26.602 ug/ml     99
 6) 2-Chlorophenol              6.087  128     429692     22.940 ug/ml     95
 8) Phenol                      6.002   94     503505     23.607 ug/ml     98
 9) Bis(2-chloroethyl)ether     6.070   93     387688     22.071 ug/ml#    74
10) 1,3-Dichlorobenzene         6.274  146     508954     22.230 ug/ml     97
11) 1,4-Dichlorobenzene         6.376  146     523842     22.462 ug/ml     97
12) 1,2-Dichlorobenzene         6.555  146     495237     22.143 ug/ml     97
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL8.D
Acq On   : 11 Mar 2025   5:14 pm
Operator : SV106:ljg
Sample   : IL3,32,,ABNL25 Lot# 11426
Misc   : WG2039658,,ical
ALS Vial : 2   Sample Multiplier: 1

Quant Time: Mar 12 06:28:27 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List   : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	6.572	79	341006	23.445	ug/ml	98
14) Bis(2-chloroisopropyl)...	6.755	45	879325	31.828	ug/ml#	68
15) 2-Methylphenol	6.739	108	442752	28.729	ug/ml	91
16) Hexachloroethane	6.942	117	186727	22.170	ug/ml#	53
17) n-Nitrosodi-n-propylamine	6.897	70	309547	23.996	ug/ml	95
18) 3-Methylphenol/4-Methy...	6.927	108	397593	23.653	ug/ml	96
20) Nitrobenzene	7.040	77	421476	22.120	ug/ml	97
21) Isophorone	7.318	82	826238	24.926	ug/ml	98
22) 2-Nitrophenol	7.400	139	208890	21.365	ug/ml	90
23) 2,4-Dimethylphenol	7.506	107	438289	28.559	ug/ml	98
24) Bis(2-chloroethoxy)met...	7.595	93	503954	22.756	ug/ml	91
25) 2,4-Dichlorophenol	7.667	162	424352	24.744	ug/ml#	94
26) 1,2,4-Trichlorobenzene	7.747	180	484851	24.392	ug/ml	98
36) Naphthalene	7.811	128	1307693	22.659	ug/ml	99
37) Benzoic Acid	7.639	105	288977	20.552	ug/ml	94
38) 4-Chloroaniline	7.898	65	172808	26.698	ug/ml	87
39) Hexachlorobutadiene	7.977	225	302546	24.796	ug/ml	99
40) p-Chloro-m-cresol	8.424	107	419246	27.693	ug/ml	90
41) 2-Methylnaphthalene	8.529	142	811020	21.090	ug/ml	96
42) 1-Methylnaphthalene	8.626	115	297824	23.938	ug/ml	97
43) Hexachlorocyclopentadiene	8.708	237	400793	29.946	ug/ml	98
44) 2,4,6-Trichlorophenol	8.828	196	345596	24.572	ug/ml	98
45) 2,4,5-Trichlorophenol	8.858	196	369236	25.359	ug/ml	98
47) 2-Chloronaphthalene	9.008	162	936375	23.355	ug/ml	95
48) 2-Nitroaniline	9.128	138	269282	23.596	ug/ml	85
49) 1,4-Dinitrobenzene	9.266	168	67162	11.525	ug/ml#	50
50) 1,3-Dinitrobenzene	9.340	168	155084	24.279	ug/ml#	1
51) Dimethyl phthalate	9.340	163	1137781	24.343	ug/ml#	99
52) Acenaphthylene	9.413	152	1532009	25.630	ug/ml	99
53) 2,6-Dinitrotoluene	9.371	165	226355M6	23.820	ug/ml	
54) 1,2-Dinitrobenzene	9.413	168	95785	23.253	ug/ml#	1
64) 3-Nitroaniline	9.529	138	250728	24.293	ug/ml	92
65) Acenaphthene	9.582	154	798630	21.601	ug/ml	91
66) 2,4-Dinitrophenol	9.635	184	130658	17.227	ug/ml#	80
67) Dibenzofuran	9.761	168	1676280	28.027	ug/ml	91
68) 2,4-Dinitrotoluene	9.761	165	355965	26.578	ug/ml	88
69) 4-Nitrophenol	9.719	65	188136	24.646	ug/ml#	27
70) 2,3,5,6-Tetrachlorophenol	9.849	232	317479M3	25.450	ug/ml	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL8.D
Acq On : 11 Mar 2025 5:14 pm
Operator : SV106:ljg
Sample : IL3,32,,ABNL25 Lot# 11426
Misc : WG2039658,,ical
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 06:28:27 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	9.891	232	318972	25.907 ug/ml	99
72) Diethyl phthalate	10.032	149	1135790	23.417 ug/ml	98
73) Fluorene	10.089	166	1114170	23.853 ug/ml	96
74) 4-Chlorophenyl phenyl ...	10.110	204	561636	23.426 ug/ml#	87
75) 4-Nitroaniline	10.124	138	239664M6	22.821 ug/ml	
76) 4,6-Dinitro-o-cresol	10.159	198	180916	18.942 ug/ml#	63
77) NDPA/DPA	10.230	169	939385	23.310 ug/ml	94
78) Azobenzene	10.265	77	912863	23.182 ug/ml#	90
80) 4-Bromophenyl phenyl e...	10.579	248	365379	24.601 ug/ml#	82
81) Hexachlorobenzene	10.632	284	419531	24.946 ug/ml#	81
82) Pentachlorophenol	10.821	266	268650	26.398 ug/ml	99
89) Phenanthrene	11.018	178	1746300	22.790 ug/ml	99
90) Anthracene	11.063	178	1781459	23.315 ug/ml	100
91) Carbazole	11.238	167	1655382	24.061 ug/ml	99
92) Di-n-butylphthalate	11.631	149	2389757	27.750 ug/ml#	96
93) Fluoranthene	12.172	202	2157909	24.419 ug/ml#	92
94) Benzidine	12.322	184	1398190	27.601 ug/ml#	95
95) Pyrene	12.388	202	2171200	23.290 ug/ml	100
97) Butyl benzyl phthalate	13.101	149	904168	24.974 ug/ml	86
105) Benzo(a)anthracene	13.617	228	2318562	23.806 ug/ml	100
106) 3,3'-Dichlorobenzidine	13.617	252	903815	28.249 ug/ml#	96
107) Chrysene	13.657	228	2080936	22.264 ug/ml	99
108) Bis(2-ethylhexyl)phtha...	13.744	149	1337881	22.882 ug/ml	95
109) Di-n-octylphthalate	14.426	149	2382433	24.571 ug/ml#	76
110) Benzo(b)fluoranthene	14.721	252	2364370	25.159 ug/ml#	93
111) Benzo(k)fluoranthene	14.752	252	2102995	24.024 ug/ml#	93
112) Benzo(a)pyrene	15.031	252	2129092M3	26.105 ug/ml	
114) Indeno(1,2,3-cd)pyrene	16.061	276	2155023M6	23.942 ug/mL	
115) Dibenzo(a,h)anthracene	16.084	278	2023783	23.641 ug/ml#	88
116) Benzo(ghi)perylene	16.306	276	1968083	24.554 ug/ml#	86

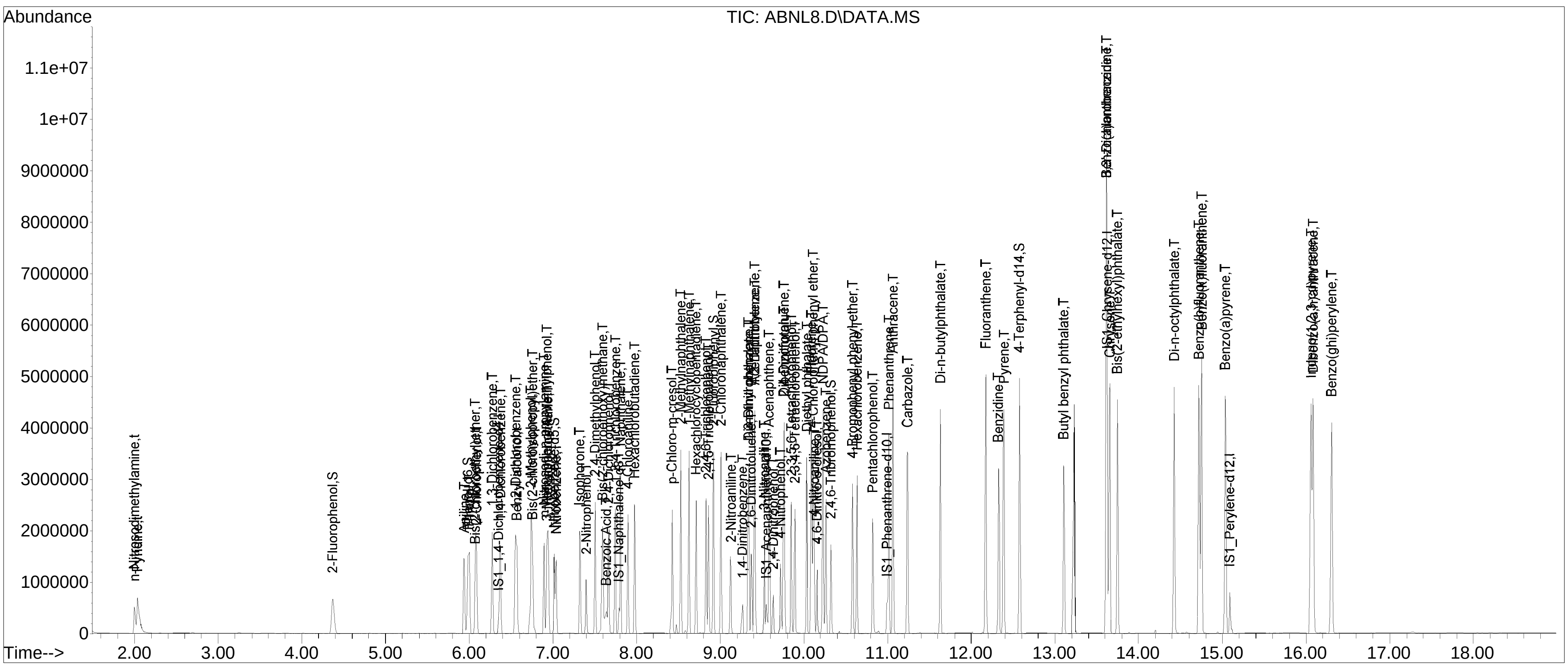
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL8.D
Acq On    : 11 Mar 2025   5:14 pm
Operator  : SV106:ljg
Sample    : IL3,32,,ABNL25 Lot# 11426
Misc      : WG2039658,,ical
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 12 06:28:27 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

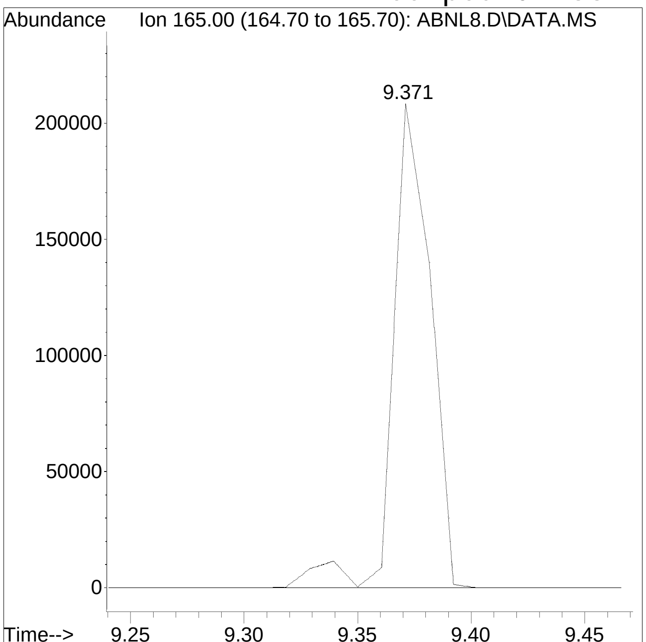
Sub List     : ABNical - ABN ical sublistTical\AP9L6.D•
```

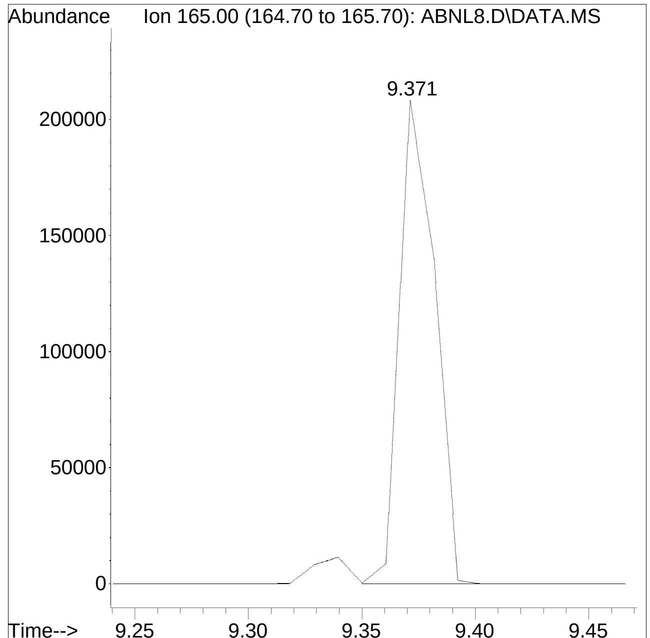


Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL8.D                    Operator   : SV106:ljg
Date Inj'd  : 3/11/2025  5:14 pm         Instrument : SV 106
Sample      : IL3,32,,ABNL25 Lot# 11426 Quant Date : 3/12/2025  6:14 am
```

Compound #53: 2,6-Dinitrotoluene



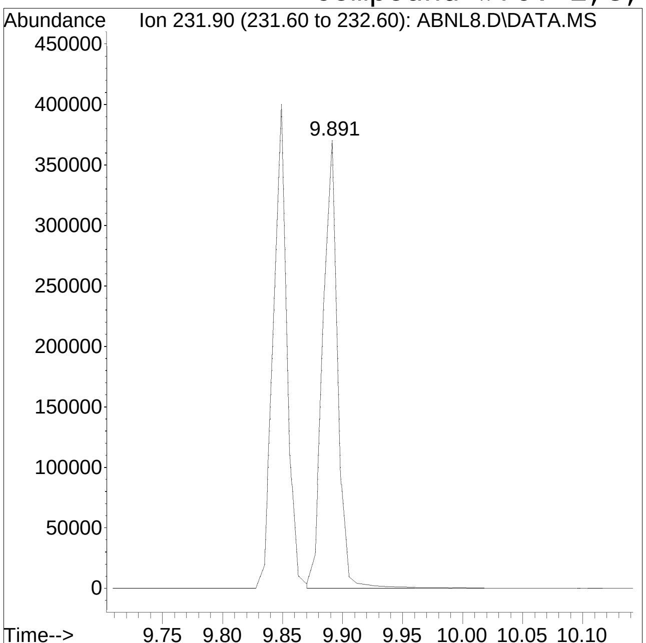


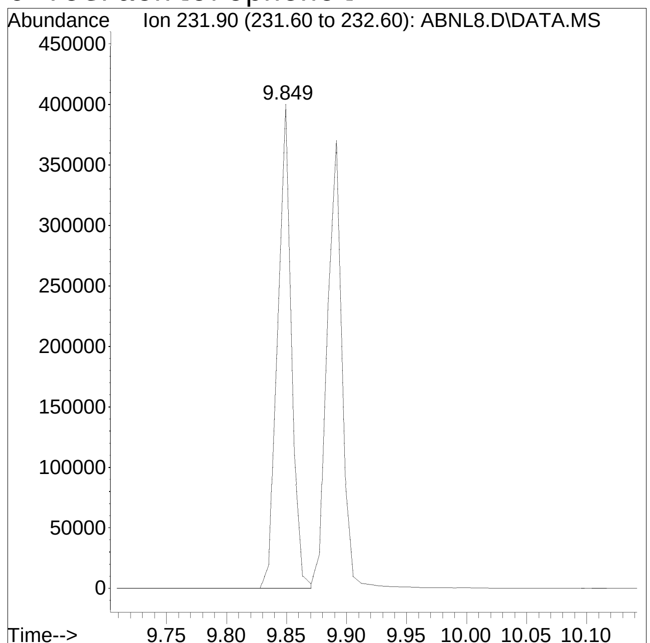
Original Peak Response = 239105 Manual Peak Response = 226355 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path	: I:\8270\SV106\250311RVTicaQ	Method	: FS250311SV106.m
Data File	: ABNL8.D	Operator	: SV106:ljg
Date Inj'd	: 3/11/2025 5:14 pm	Instrument	: SV 106
Sample	: IL3,32,,ABNL25 Lot# 11426	Quant Date	: 3/12/2025 6:14 am

Compound #70: 2,3,5,6-Tetrachlorophenol





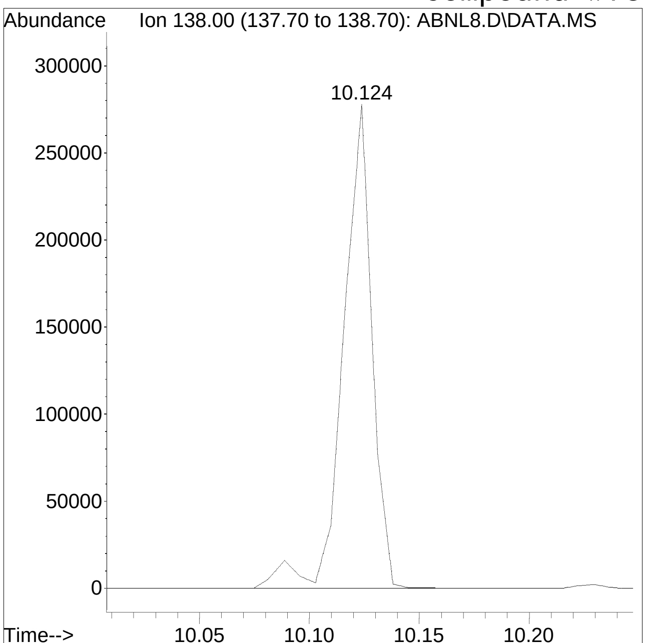
Original Peak Response = 318972 Manual Peak Response = 317479 M3

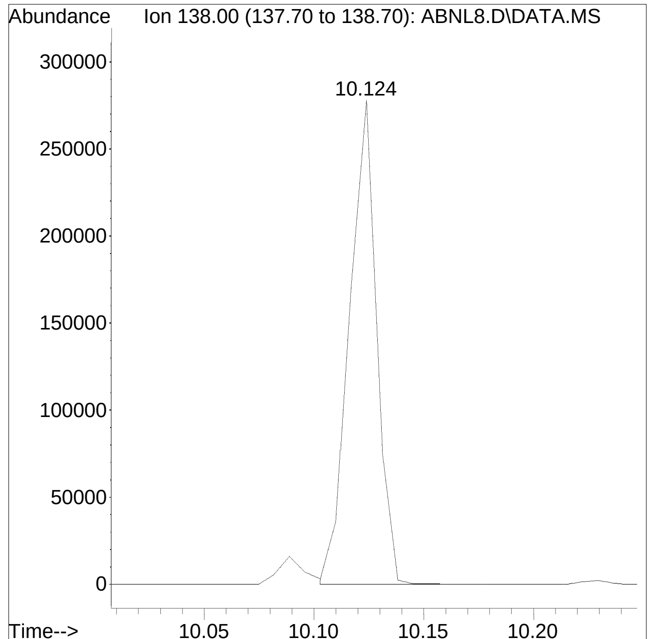
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL8.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 5:14 pm Instrument : SV 106
Sample : IL3,32,,ABNL25 Lot# 11426 Quant Date : 3/12/2025 6:14 am

Compound #75: 4-Nitroaniline





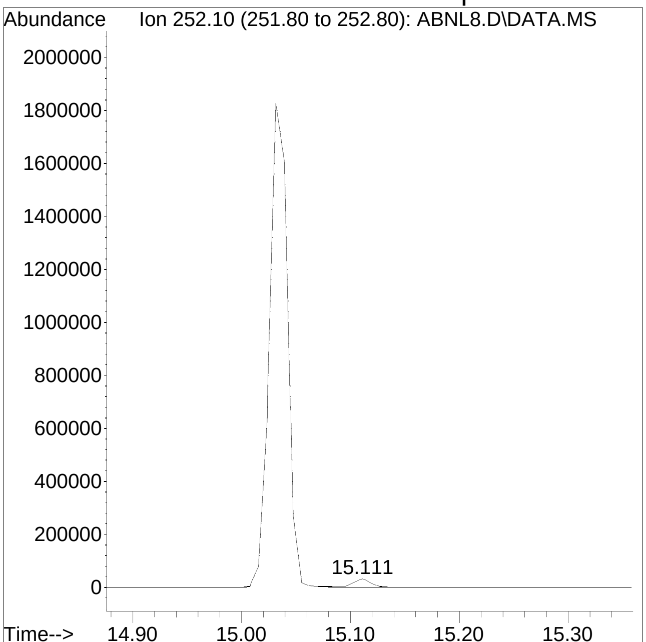
Original Peak Response = 253276 Manual Peak Response = 239664 M6

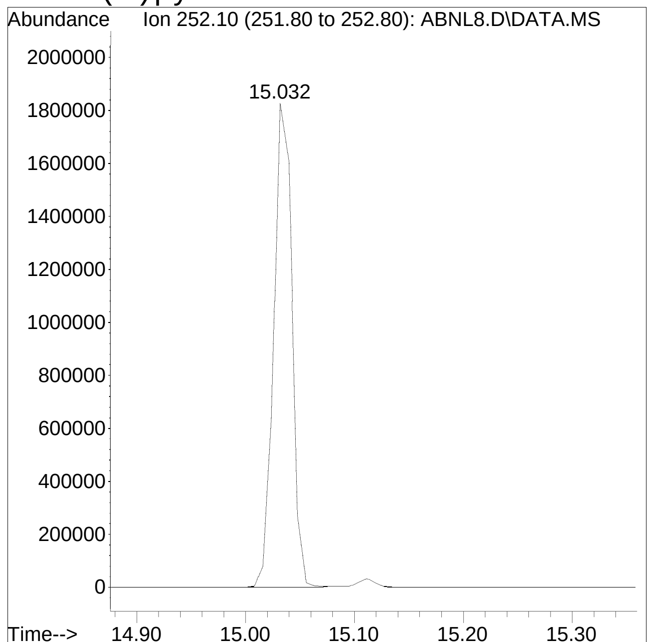
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File    : ABNL8.D                   Operator    : SV106:ljg
Date Inj'd   : 3/11/2025  5:14 pm        Instrument  : SV 106
Sample       : IL3,32,,ABNL25 Lot# 11426 Quant Date  : 3/12/2025  6:14 am
```

Compound #112: Benzo(a)pyrene





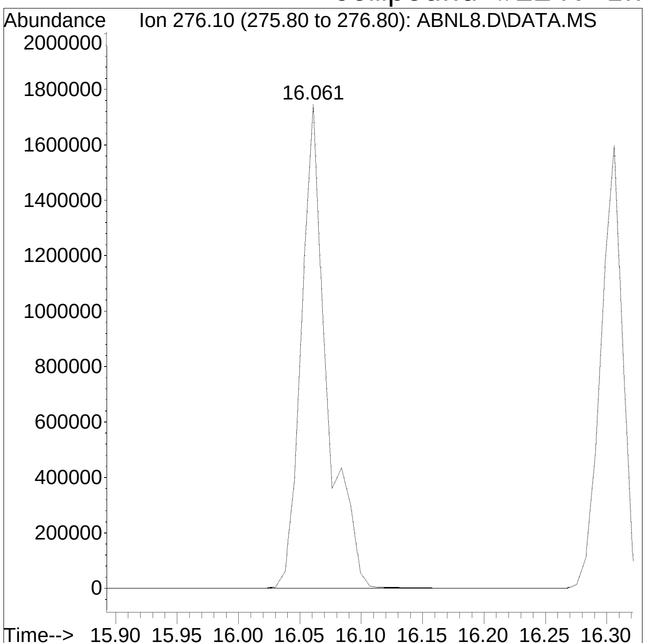
Original Peak Response = 37871   Manual Peak Response = 2129092 M3

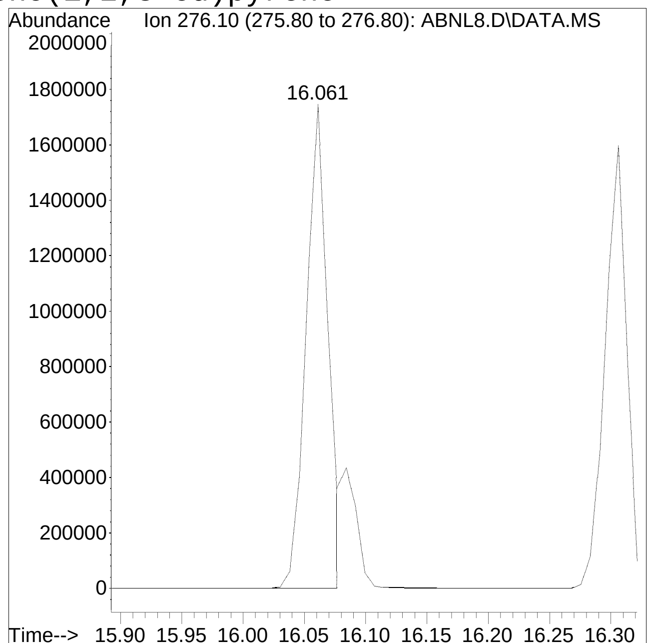
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL8.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 5:14 pm Instrument : SV 106
Sample : IL3,32,,ABNL25 Lot# 11426 Quant Date : 3/12/2025 6:14 am

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 2530018 Manual Peak Response = 2155023 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL7.D
Acq On    : 11 Mar 2025   5:37 pm
Operator  : SV106:ljg
Sample    : IL4,32,,ABNL10 Lot# 11427
Misc      : WG2039658,,ical
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Mar 12 06:26:23 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.351  152     55103     4.000 ug/ml  # 0.00
   Standard Area 1 = 55857                  Recovery   =   98.65%
35) IS1_Naphthalene-d8          7.790  136    202673     4.000 ug/ml  # 0.00
   Standard Area 1 = 204785                  Recovery   =   98.97%
63) IS1_Acenaphthene-d10        9.550  164    128980     4.000 ug/ml    0.00
   Standard Area 1 = 132560                  Recovery   =   97.30%
88) IS1_Phenanthrene-d10       10.988  188    256960     4.000 ug/ml    0.00
   Standard Area 1 = 260564                  Recovery   =   98.62%
104) IS1_Chrysene-d12          13.625  240    272545     4.000 ug/ml    0.00
   Standard Area 1 = 281321                  Recovery   =   96.88%
113) IS1_Perylene-d12          15.087  264    285732     4.000 ug/ml    0.00
   Standard Area 1 = 300591                  Recovery   =   95.06%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.377  112    154257     8.998 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  449.90%#
 7) Phenol-d6                   5.985   99    180064     8.726 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  436.30%#
19) Nitrobenzene-d5             7.017   82    156883     8.378 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  837.80%#
46) 2-Fluorobiphenyl            8.911  172    444349     9.473 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  947.30%#
79) 2,4,6-Tribromophenol       10.321  330     70259     9.628 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  481.40%#
96) 4-Terphenyl-d14            12.576  244    625921     9.076 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  907.60%#

 Target Compounds                                                   Qvalue
 2) n-Nitrosodimethylamine      2.004   74      96353      9.201 ug/ml     84
 3) Pyridine                    2.048   79     164108      9.775 ug/ml     80
 5) Aniline                     5.943   93     251454     10.306 ug/ml     99
 6) 2-Chlorophenol              6.087  128     170071      9.043 ug/ml     94
 8) Phenol                      5.994   94     197664      9.230 ug/ml     98
 9) Bis(2-chloroethyl)ether     6.079   93     155116      8.795 ug/ml#    75
10) 1,3-Dichlorobenzene         6.274  146     200867      8.738 ug/ml     97
11) 1,4-Dichlorobenzene         6.376  146     207651      8.868 ug/ml     97
12) 1,2-Dichlorobenzene         6.555  146     195867      8.722 ug/ml     96
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL7.D
Acq On : 11 Mar 2025 5:37 pm
Operator : SV106:ljg
Sample : IL4,32,,ABNL10 Lot# 11427
Misc : WG2039658,,ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 12 06:26:23 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
13) Benzyl alcohol	6.572	79	129988	8.901 ug/ml	98
14) Bis(2-chloroisopropyl)...	6.754	45	349167	12.587 ug/ml#	68
15) 2-Methylphenol	6.739	108	163144	10.543 ug/ml#	82
16) Hexachloroethane	6.942	117	73789	8.725 ug/ml#	53
17) n-Nitrosodi-n-propylamine	6.897	70	117860	9.100 ug/ml	94
18) 3-Methylphenol/4-Methy...	6.927	108	153638	9.103 ug/ml	98
20) Nitrobenzene	7.040	77	163114	8.526 ug/ml	98
21) Isophorone	7.318	82	320458	9.628 ug/ml	99
22) 2-Nitrophenol	7.400	139	76302	7.773 ug/ml	90
23) 2,4-Dimethylphenol	7.506	107	168277	10.921 ug/ml	98
24) Bis(2-chloroethoxy)met...	7.595	93	197764	8.894 ug/ml	98
25) 2,4-Dichlorophenol	7.660	162	160984	9.349 ug/ml#	94
26) 1,2,4-Trichlorobenzene	7.747	180	189475	9.494 ug/ml	97
36) Naphthalene	7.811	128	513661	8.977 ug/ml	99
37) Benzoic Acid	7.603	105	86826	7.130 ug/ml	95
38) 4-Chloroaniline	7.898	65	66635	10.384 ug/ml	84
39) Hexachlorobutadiene	7.977	225	119161	9.850 ug/ml	99
40) p-Chloro-m-cresol	8.424	107	158212	10.541 ug/ml#	90
41) 2-Methylnaphthalene	8.528	142	313464	8.222 ug/ml	95
42) 1-Methylnaphthalene	8.626	115	116656	9.457 ug/ml	97
43) Hexachlorocyclopentadiene	8.708	237	152567	11.498 ug/ml	99
44) 2,4,6-Trichlorophenol	8.828	196	130771	9.378 ug/ml	99
45) 2,4,5-Trichlorophenol	8.858	196	138125	9.568 ug/ml	97
47) 2-Chloronaphthalene	9.008	162	363990	9.157 ug/ml	95
48) 2-Nitroaniline	9.120	138	95462	8.437 ug/ml	86
49) 1,4-Dinitrobenzene	9.266	168	12883M3	2.230 ug/ml	
50) 1,3-Dinitrobenzene	9.329	168	53928	8.515 ug/ml#	1
51) Dimethyl phthalate	9.329	163	436059	9.410 ug/ml#	99
52) Acenaphthylene	9.413	152	593387	10.013 ug/ml	99
53) 2,6-Dinitrotoluene	9.371	165	88502	9.394 ug/ml#	79
54) 1,2-Dinitrobenzene	9.413	168	38765	9.492 ug/ml#	1
64) 3-Nitroaniline	9.529	138	94430	9.066 ug/ml	90
65) Acenaphthene	9.582	154	318795	8.544 ug/ml	91
66) 2,4-Dinitrophenol	9.624	184	42329	6.341 ug/ml#	83
67) Dibenzofuran	9.751	168	537431	8.904 ug/ml	94
68) 2,4-Dinitrotoluene	9.761	165	113785	8.419 ug/ml#	84
69) 4-Nitrophenol	9.719	65	69782	9.059 ug/ml#	76
70) 2,3,5,6-Tetrachlorophenol	9.849	232	161653M3	12.841 ug/ml	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL7.D
Acq On : 11 Mar 2025 5:37 pm
Operator : SV106:ljg
Sample : IL4,32,,ABNL10 Lot# 11427
Misc : WG2039658,,ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 12 06:26:23 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	9.891	232	117178	9.431	ug/ml	97
72) Diethyl phthalate	10.025	149	421805	8.618	ug/ml	98
73) Fluorene	10.089	166	435177	9.232	ug/ml	97
74) 4-Chlorophenyl phenyl ...	10.110	204	219610	9.077	ug/ml#	86
75) 4-Nitroaniline	10.117	138	85077M6	8.027	ug/ml	
76) 4,6-Dinitro-o-cresol	10.152	198	61656	6.623	ug/ml#	63
77) NDPA/DPA	10.223	169	364639	8.966	ug/ml	95
78) Azobenzene	10.258	77	361637	9.100	ug/ml#	91
80) 4-Bromophenyl phenyl e...	10.579	248	139667	9.319	ug/ml#	83
81) Hexachlorobenzene	10.632	284	161066	9.490	ug/ml#	80
82) Pentachlorophenol	10.821	266	96824	9.428	ug/ml	99
89) Phenanthrene	11.010	178	674340	8.944	ug/ml	99
90) Anthracene	11.063	178	685128	9.113	ug/ml	100
91) Carbazole	11.230	167	634344	9.371	ug/ml	100
92) Di-n-butylphthalate	11.631	149	736778	8.696	ug/ml	98
93) Fluoranthene	12.163	202	807618	9.289	ug/ml#	92
94) Benzidine	12.322	184	502505	10.082	ug/ml#	95
95) Pyrene	12.379	202	821987	8.962	ug/ml	99
97) Butyl benzyl phthalate	13.101	149	301836	8.473	ug/ml	86
105) Benzo(a)anthracene	13.609	228	863894	9.193	ug/ml	100
106) 3,3'-Dichlorobenzidine	13.617	252	326001	10.560	ug/ml#	96
107) Chrysene	13.649	228	776841	8.613	ug/ml	100
108) Bis(2-ethylhexyl)phtha...	13.744	149	460960	8.170	ug/ml	95
109) Di-n-octylphthalate	14.426	149	762488	8.150	ug/ml#	76
110) Benzo(b)fluoranthene	14.721	252	853895	9.417	ug/ml#	93
111) Benzo(k)fluoranthene	14.744	252	834031	9.874	ug/ml#	93
112) Benzo(a)pyrene	15.031	252	789869	10.037	ug/ml#	93
114) Indeno(1,2,3-cd)pyrene	16.053	276	808275M6	9.331	ug/mL	
115) Dibenzo(a,h)anthracene	16.076	278	795853	9.660	ug/ml#	89
116) Benzo(ghi)perylene	16.298	276	765755	9.927	ug/ml#	86

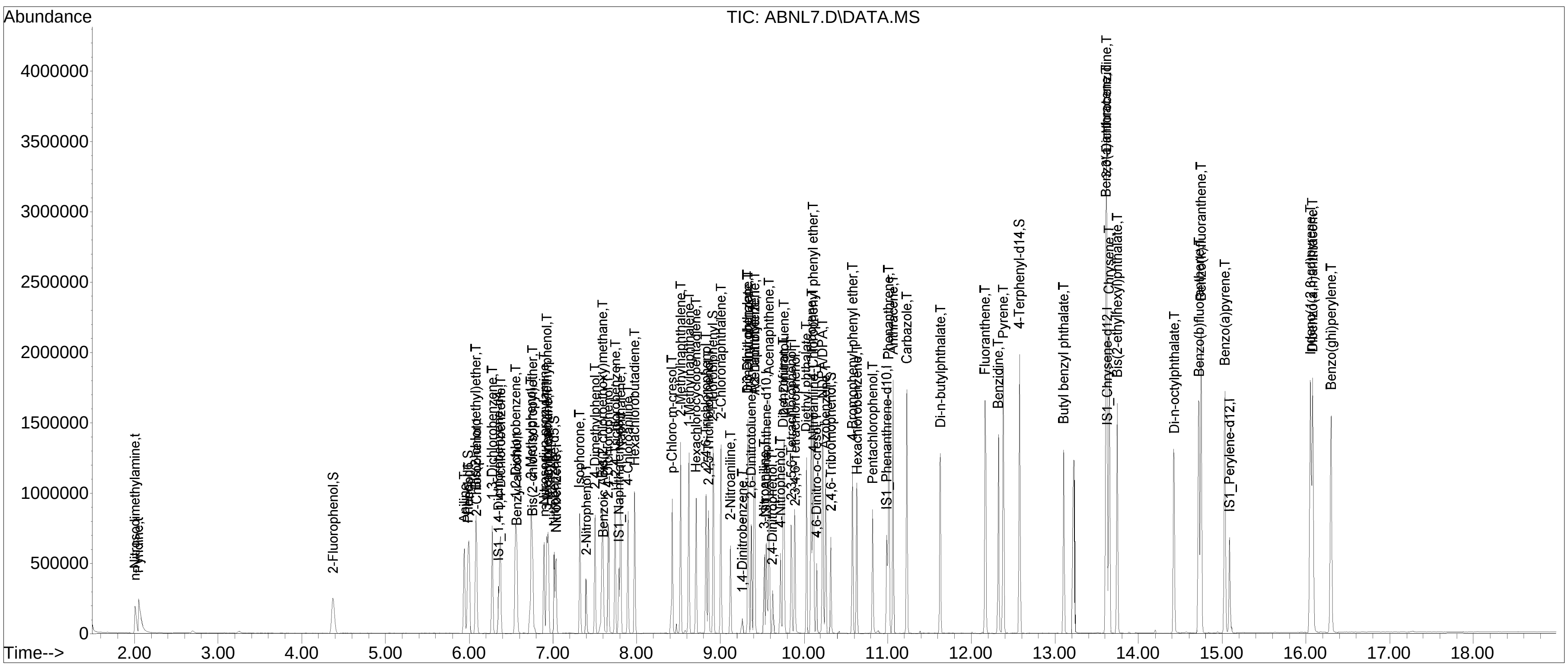
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL7.D
Acq On : 11 Mar 2025 5:37 pm
Operator : SV106:ljg
Sample : IL4,32,,ABNL10 Lot# 11427
Misc : WG2039658,,ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 12 06:26:23 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

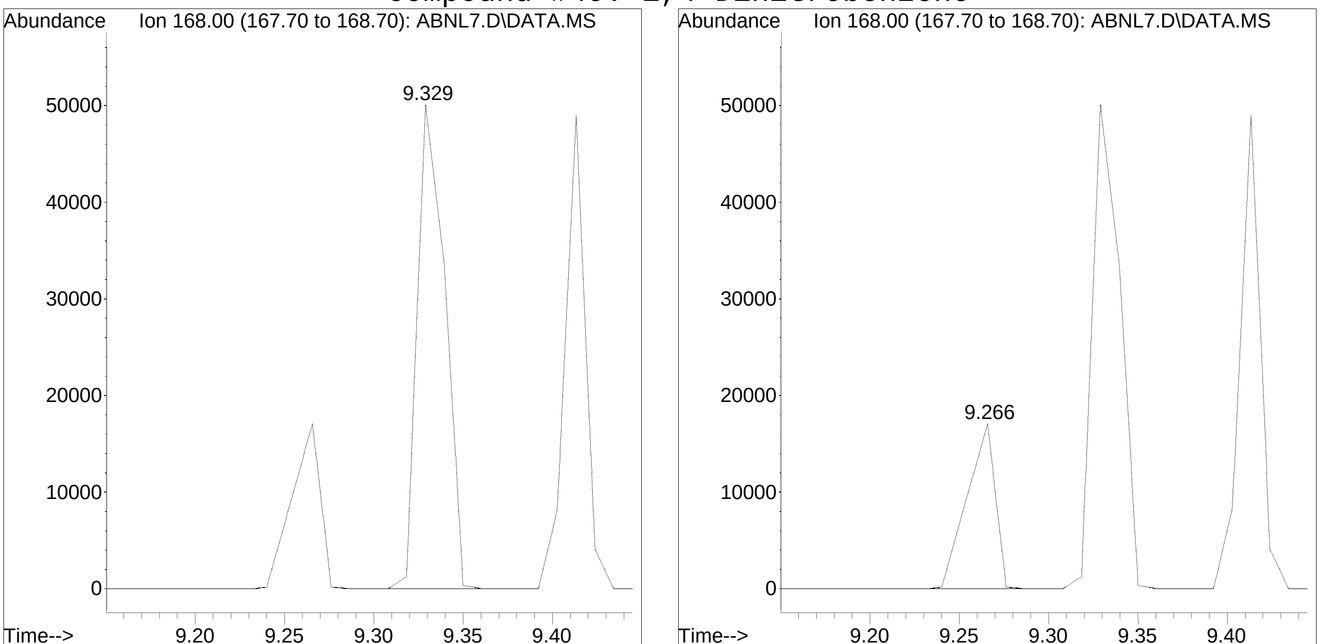
Sub List : ABNical - ABN ical sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL7.D                  Operator     : SV106:ljg
Date Inj'd  : 3/11/2025  5:37 pm       Instrument   : SV 106
Sample      : IL4,32,,ABNL10 Lot# 11427 Quant Date  : 3/12/2025  6:14 am
```

Compound #49: 1,4-Dinitrobenzene



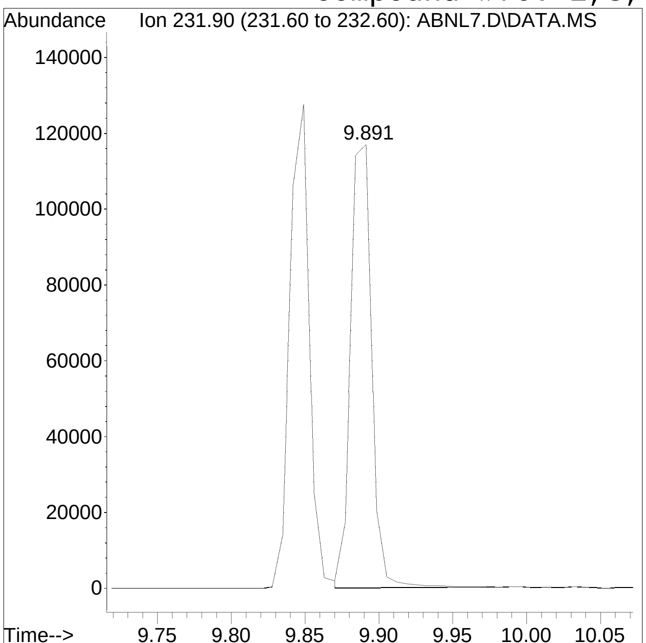
Original Peak Response = 53928   Manual Peak Response = 12883 M3

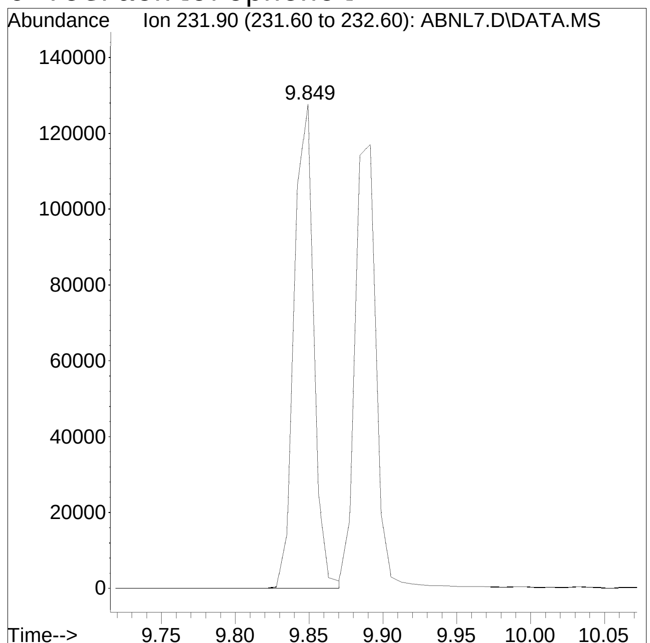
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL7.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 5:37 pm Instrument : SV 106
Sample : IL4,32,,ABNL10 Lot# 11427 Quant Date : 3/12/2025 6:14 am

Compound #70: 2,3,5,6-Tetrachlorophenol



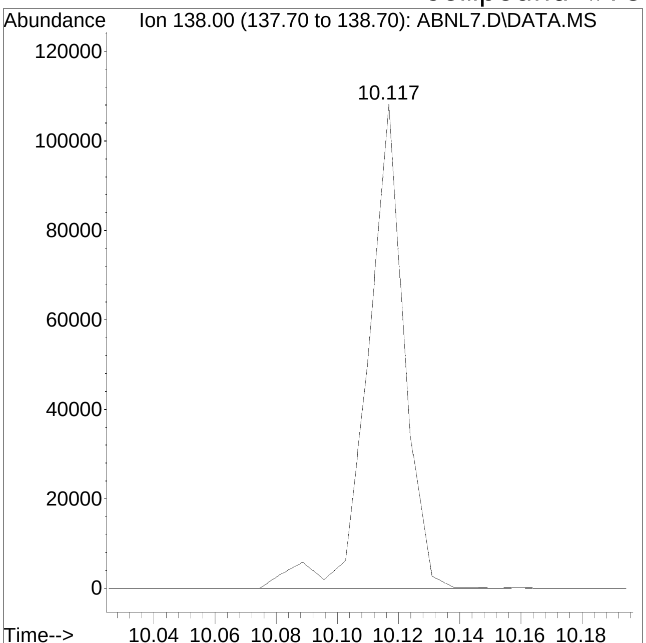


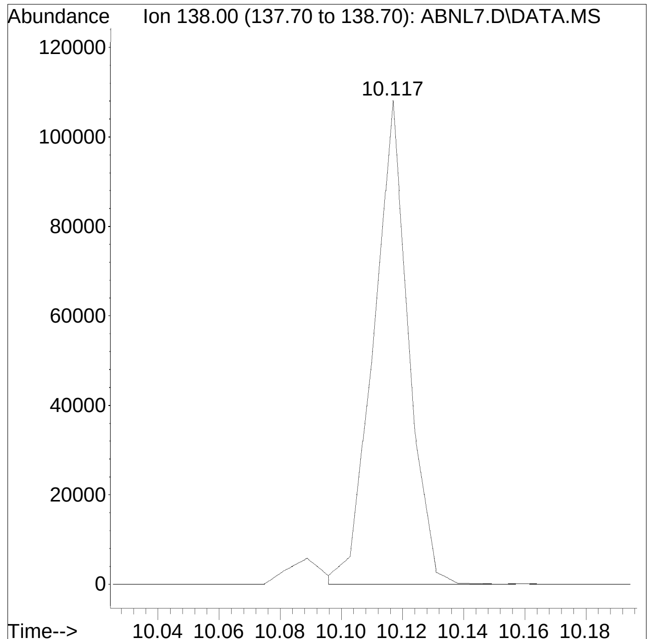
Original Peak Response = 117178 Manual Peak Response = 161653 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL7.D                    Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  5:37 pm         Instrument  : SV 106
Sample      : IL4,32,,ABNL10 Lot# 11427 Quant Date  : 3/12/2025  6:14 am
```

Compound #75: 4-Nitroaniline





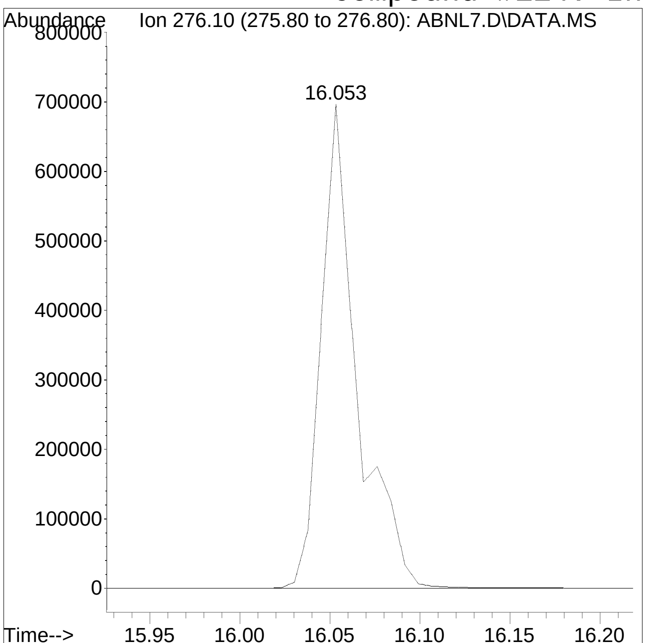
Original Peak Response = 89684   Manual Peak Response = 85077 M6

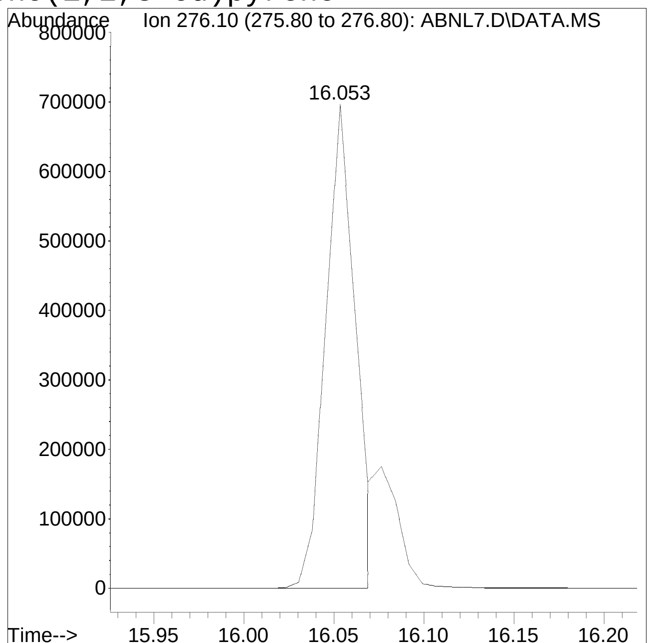
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File    : ABNL7.D                    Operator    : SV106:ljg
Date Inj'd   : 3/11/2025  5:37 pm         Instrument  : SV 106
Sample       : IL4,32,,ABNL10 Lot# 11427  Quant Date  : 3/12/2025  6:14 am
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 969127   Manual Peak Response = 808275 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL6.D
Acq On    : 11 Mar 2025   6:01 pm
Operator  : SV106:ljg
Sample    : IL5,32,,ABNL5 Lot# 11428
Misc      : WG2039658,,ical
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 12 06:26:53 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:42 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ABNical - ABN ical sublist

        Compound                    R.T. QIon  Response  Conc Units Dev(Min)
------------------------------------------------------------------------------
  Internal Standards
  1) IS1_1,4-Dichlorobenzen...   6.351  152     55857     4.000 ug/ml    0.00
     Standard Area 1 = 55857                 Recovery   =  100.00%
 35) IS1_Naphthalene-d8          7.790  136    204785     4.000 ug/ml  # 0.00
     Standard Area 1 = 204785                 Recovery   =  100.00%
 63) IS1_Acenaphthene-d10        9.551  164    132560     4.000 ug/ml    0.00
     Standard Area 1 = 132560                 Recovery   =  100.00%
 88) IS1_Phenanthrene-d10       10.988  188    260564     4.000 ug/ml    0.00
     Standard Area 1 = 260564                 Recovery   =  100.00%
104) IS1_Chrysene-d12           13.618  240    281321     4.000 ug/ml    0.00
     Standard Area 1 = 281321                 Recovery   =  100.00%
113) IS1_Perylene-d12           15.080  264    300591     4.000 ug/ml    0.00
     Standard Area 1 = 300591                 Recovery   =  100.00%

  System Monitoring Compounds
  4) 2-Fluorophenol              4.370  112     77157     4.440 ug/ml   0.00
     Spiked Amount     2.000   Range  15 - 110    Recovery   =  222.00%#
  7) Phenol-d6                   5.977   99     91274     4.364 ug/ml   0.00
     Spiked Amount     2.000   Range  15 - 110    Recovery   =  218.20%#
 19) Nitrobenzene-d5             7.018   82     76950     4.054 ug/ml   0.00
     Spiked Amount     1.000   Range  30 - 130    Recovery   =  405.40%#
 46) 2-Fluorobiphenyl            8.911  172    228517     4.821 ug/ml   0.00
     Spiked Amount     1.000   Range  30 - 130    Recovery   =  482.10%#
 79) 2,4,6-Tribromophenol       10.321  330     35485     4.731 ug/ml   0.00
     Spiked Amount     2.000   Range  15 - 110    Recovery   =  236.55%#
 96) 4-Terphenyl-d14            12.576  244    326082     4.663 ug/ml   0.00
     Spiked Amount     1.000   Range  30 - 130    Recovery   =  466.30%#

  Target Compounds                                                  Qvalue
  2) n-Nitrosodimethylamine      2.005   74      49027      4.618 ug/ml     86
  3) Pyridine                    2.055   79      80239      4.715 ug/ml     81
  5) Aniline                     5.943   93     126413      5.111 ug/ml     99
  6) 2-Chlorophenol              6.087  128      83752      4.393 ug/ml     95
  8) Phenol                      5.994   94      99496      4.583 ug/ml     98
  9) Bis(2-chloroethyl)ether     6.079   93      79241      4.432 ug/ml#    75
 10) 1,3-Dichlorobenzene         6.274  146     102365      4.393 ug/ml     97
 11) 1,4-Dichlorobenzene         6.368  146     107450      4.527 ug/ml     96
 12) 1,2-Dichlorobenzene         6.555  146      99264      4.361 ug/ml     97
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL6.D
Acq On : 11 Mar 2025 6:01 pm
Operator : SV106:ljg
Sample : IL5,32,,ABNL5 Lot# 11428
Misc : WG2039658,,ical
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 06:26:53 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:42 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	6.572	79	63182	4.268	ug/ml	97
14) Bis(2-chloroisopropyl)...	6.755	45	181901	6.469	ug/ml#	70
15) 2-Methylphenol	6.740	108	85645	5.460	ug/ml	86
16) Hexachloroethane	6.942	117	37639	4.391	ug/ml#	56
17) n-Nitrosodi-n-propylamine	6.897	70	59078	4.500	ug/ml	94
18) 3-Methylphenol/4-Methy...	6.927	108	77344	4.521	ug/ml	97
20) Nitrobenzene	7.040	77	79381	4.093	ug/ml	99
21) Isophorone	7.318	82	159426	4.725	ug/ml	100
22) 2-Nitrophenol	7.401	139	35760	3.594	ug/ml	91
23) 2,4-Dimethylphenol	7.498	107	85657	5.484	ug/ml	98
24) Bis(2-chloroethoxy)met...	7.596	93	102484	4.547	ug/ml	97
25) 2,4-Dichlorophenol	7.660	162	80700	4.623	ug/ml#	94
26) 1,2,4-Trichlorobenzene	7.740	180	96522	4.771	ug/ml	97
36) Naphthalene	7.804	128	261190	4.518	ug/ml	99
37) Benzoic Acid	7.573	105	25679	3.002	ug/ml	89
38) 4-Chloroaniline	7.898	65	33932	5.233	ug/ml	83
39) Hexachlorobutadiene	7.977	225	61202	5.007	ug/ml	100
40) p-Chloro-m-cresol	8.424	107	79422	5.237	ug/ml	89
41) 2-Methylnaphthalene	8.529	142	160087	4.155	ug/ml	95
42) 1-Methylnaphthalene	8.626	115	59563	4.779	ug/ml	98
43) Hexachlorocyclopentadiene	8.709	237	76282	5.689	ug/ml	99
44) 2,4,6-Trichlorophenol	8.828	196	64510M3	4.578	ug/ml	
45) 2,4,5-Trichlorophenol	8.858	196	67368	4.619	ug/ml	97
47) 2-Chloronaphthalene	9.008	162	187936	4.679	ug/ml	95
48) 2-Nitroaniline	9.121	138	44431	3.886	ug/ml	88
49) 1,4-Dinitrobenzene	9.266	168	3874M3	0.664	ug/ml	
50) 1,3-Dinitrobenzene	9.329	168	25557	3.994	ug/ml#	1
51) Dimethyl phthalate	9.329	163	231268	4.939	ug/ml#	98
52) Acenaphthylene	9.403	152	300628	5.020	ug/ml	99
53) 2,6-Dinitrotoluene	9.371	165	45398	4.769	ug/ml#	74
54) 1,2-Dinitrobenzene	9.414	168	17866	4.330	ug/ml#	1
64) 3-Nitroaniline	9.529	138	44009	4.111	ug/ml#	94
65) Acenaphthene	9.582	154	169335	4.416	ug/ml	91
66) 2,4-Dinitrophenol	9.624	184	19364	3.485	ug/ml	88
67) Dibenzofuran	9.751	168	279828	4.511	ug/ml#	77
68) 2,4-Dinitrotoluene	9.761	165	54928	3.954	ug/ml#	82
69) 4-Nitrophenol	9.719	65	32799	4.143	ug/ml#	31
70) 2,3,5,6-Tetrachlorophenol	9.842	232	58593M3	4.529	ug/ml	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL6.D
Acq On : 11 Mar 2025 6:01 pm
Operator : SV106:ljg
Sample : IL5,32,,ABNL5 Lot# 11428
Misc : WG2039658,,ical
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 06:26:53 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:42 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	9.884	232	57822	4.528	ug/ml	96
72)	Diethyl phthalate	10.025	149	222318	4.419	ug/ml	98
73)	Fluorene	10.089	166	223972	4.623	ug/ml	97
74)	4-Chlorophenyl phenyl ...	10.110	204	113786	4.576	ug/ml#	87
75)	4-Nitroaniline	10.117	138	43107M6	3.957	ug/ml	
76)	4,6-Dinitro-o-cresol	10.152	198	29139	3.231	ug/ml#	63
77)	NDPA/DPA	10.223	169	187729	4.491	ug/ml	94
78)	Azobenzene	10.258	77	183971	4.504	ug/ml#	90
80)	4-Bromophenyl phenyl e...	10.579	248	72907	4.733	ug/ml#	81
81)	Hexachlorobenzene	10.624	284	82939	4.755	ug/ml#	80
82)	Pentachlorophenol	10.821	266	46041	4.362	ug/ml	99
89)	Phenanthrene	11.011	178	347207	4.542	ug/ml	99
90)	Anthracene	11.064	178	353638	4.639	ug/ml	100
91)	Carbazole	11.230	167	324365	4.726	ug/ml	99
92)	Di-n-butylphthalate	11.624	149	363209	4.227	ug/ml	99
93)	Fluoranthene	12.163	202	408818	4.637	ug/ml#	92
94)	Benzidine	12.323	184	240598	4.761	ug/ml#	94
95)	Pyrene	12.379	202	432613	4.651	ug/ml	100
97)	Butyl benzyl phthalate	13.101	149	143332	3.968	ug/ml	86
105)	Benzo(a)anthracene	13.610	228	429486M3	4.428	ug/ml	
106)	3,3'-Dichlorobenzidine	13.618	252	160540	5.038	ug/ml#	97
107)	Chrysene	13.649	228	418335	4.494	ug/ml	100
108)	Bis(2-ethylhexyl)phtha...	13.744	149	229451	3.940	ug/ml	94
109)	Di-n-octylphthalate	14.418	149	365799	3.788	ug/ml#	77
110)	Benzo(b)fluoranthene	14.713	252	468863M3	5.009	ug/ml	
111)	Benzo(k)fluoranthene	14.745	252	417264	4.786	ug/ml#	93
112)	Benzo(a)pyrene	15.024	252	414024M3	5.097	ug/ml	
114)	Indeno(1,2,3-cd)pyrene	16.046	276	426992M6	4.686	ug/mL	
115)	Dibenzo(a,h)anthracene	16.077	278	412072	4.755	ug/ml#	89
116)	Benzo(ghi)perylene	16.291	276	399794	4.927	ug/ml#	86

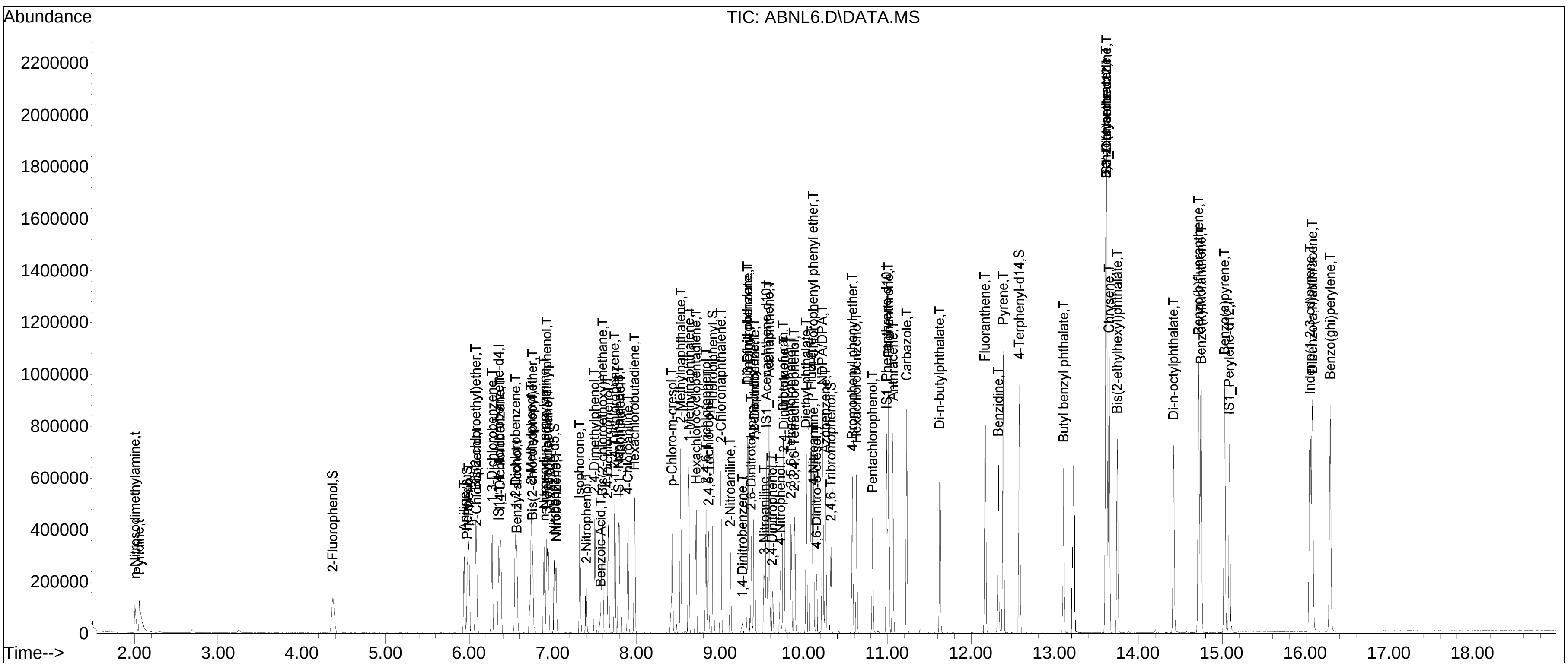
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL6.D
Acq On : 11 Mar 2025 6:01 pm
Operator : SV106:ljg
Sample : IL5,32,,ABNL5 Lot# 11428
Misc : WG2039658,,ical
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 06:26:53 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:42 2025
Response via : Initial Calibration

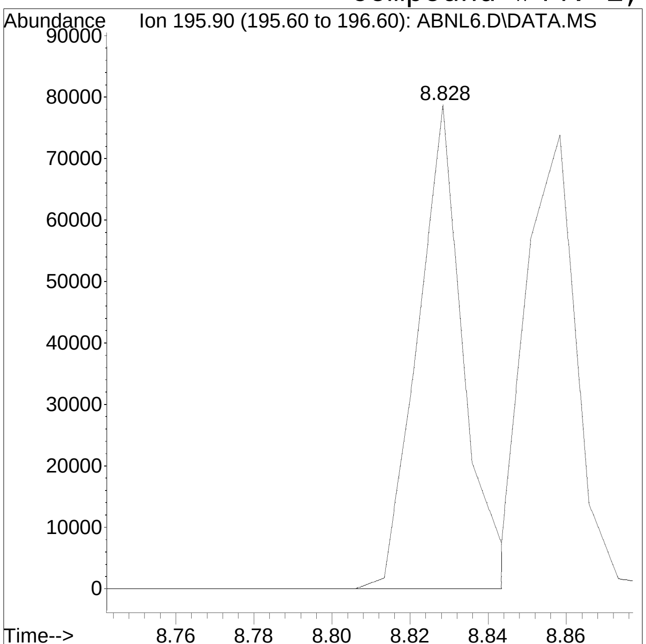
Sub List : ABNical - ABN ical sublistTical\AP9L6.D•

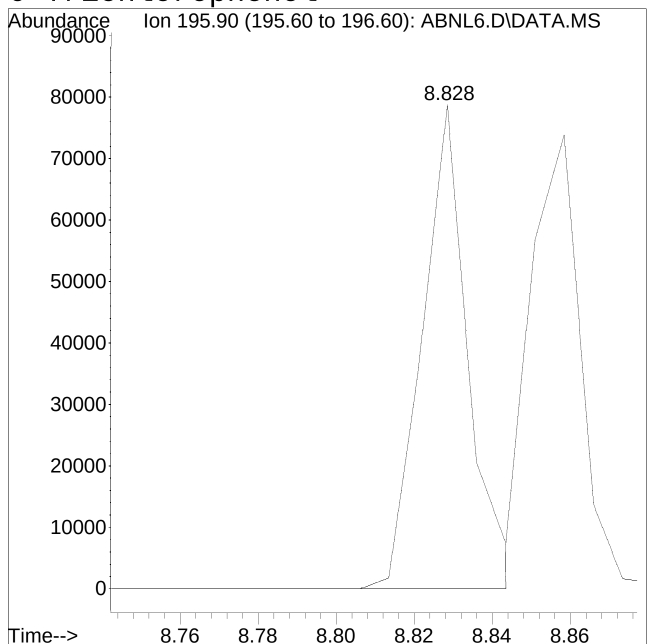


Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File    : ABNL6.D                        Operator     : SV106:ljg
Date Inj'd   : 3/11/2025  6:01 pm             Instrument   : SV 106
Sample       : IL5,32,,ABNL5 Lot# 11428  Quant Date   : 3/12/2025  6:11 am
```

Compound #44: 2,4,6-Trichlorophenol





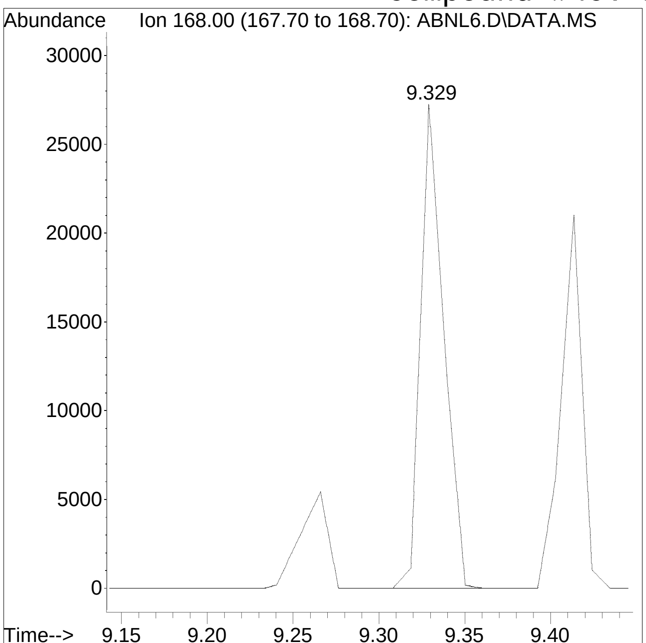
Original Peak Response = 64502   Manual Peak Response = 64510 M3

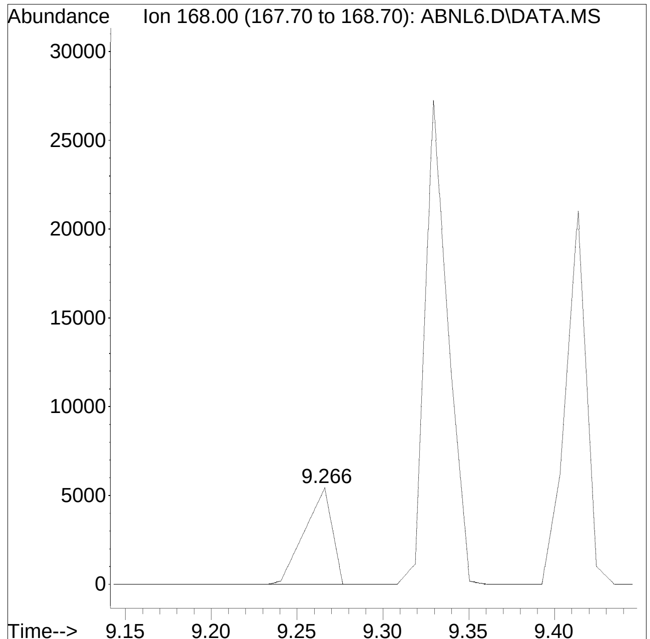
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File    : ABNL6.D                    Operator    : SV106:ljg
Date Inj'd   : 3/11/2025  6:01 pm         Instrument  : SV 106
Sample       : IL5,32,,ABNL5 Lot# 11428  Quant Date  : 3/12/2025  6:11 am
```

Compound #49: 1,4-Dinitrobenzene





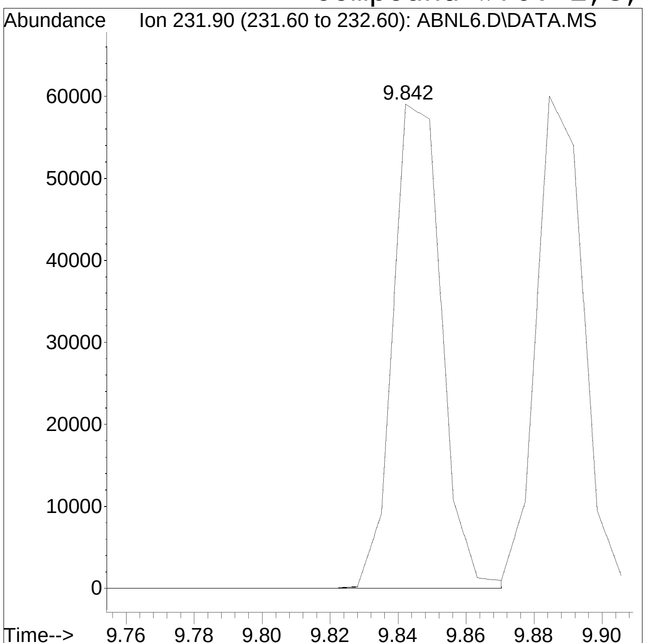
Original Peak Response = 25557   Manual Peak Response = 3874 M3

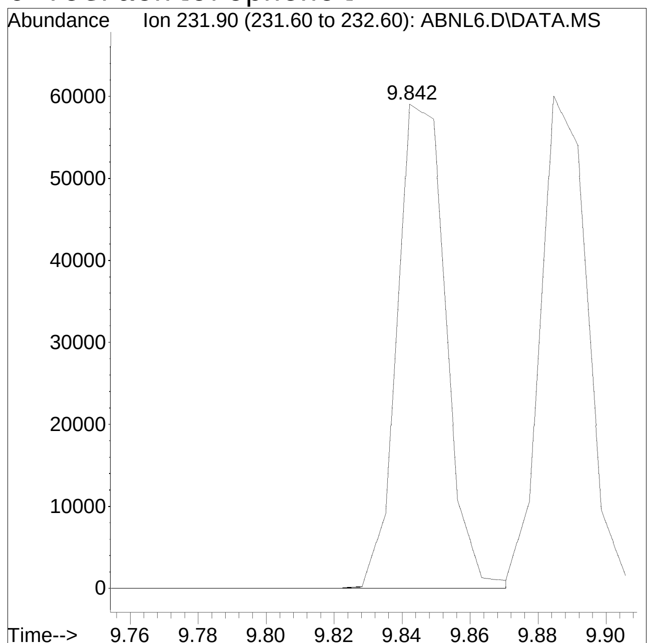
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File    : ABNL6.D                   Operator     : SV106:ljg
Date Inj'd   : 3/11/2025  6:01 pm        Instrument   : SV 106
Sample       : IL5,32,,ABNL5 Lot# 11428  Quant Date   : 3/12/2025  6:11 am
```

Compound #70: 2,3,5,6-Tetrachlorophenol





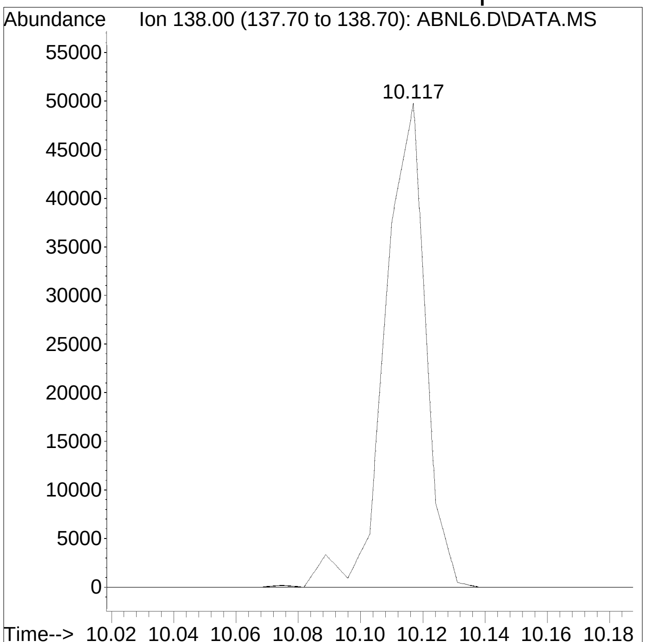
Original Peak Response = 80506   Manual Peak Response = 58593 M3

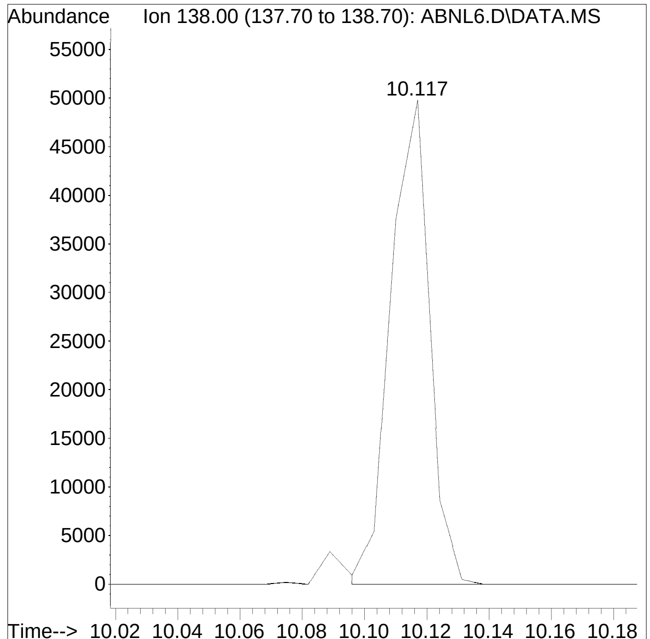
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File    : ABNL6.D                   Operator    : SV106:ljg
Date Inj'd   : 3/11/2025  6:01 pm        Instrument  : SV 106
Sample       : IL5,32,,ABNL5 Lot# 11428  Quant Date  : 3/12/2025  6:11 am
```

Compound #75: 4-Nitroaniline





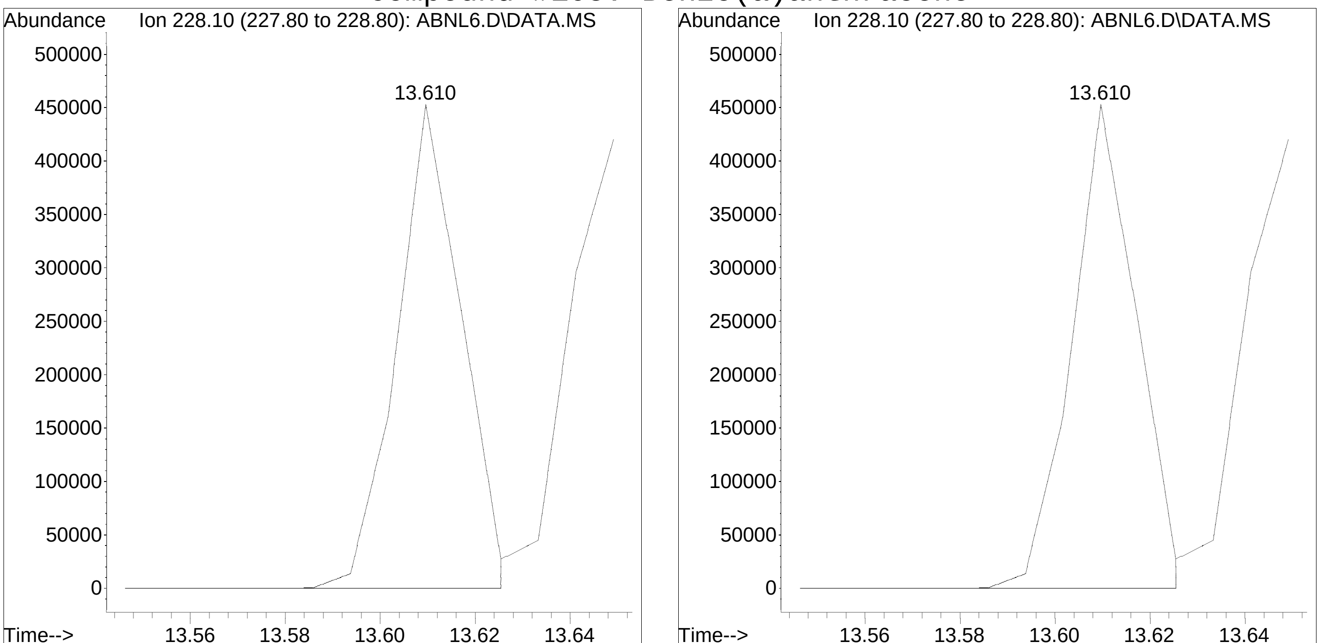
Original Peak Response = 45016   Manual Peak Response = 43107 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL6.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 6:01 pm Instrument : SV 106
Sample : IL5,32,,ABNL5 Lot# 11428 Quant Date : 3/12/2025 6:11 am

Compound #105: Benzo(a)anthracene

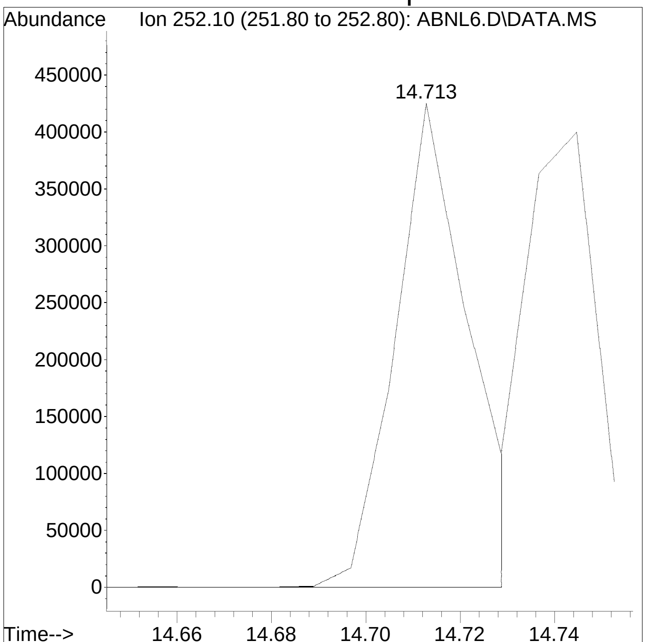


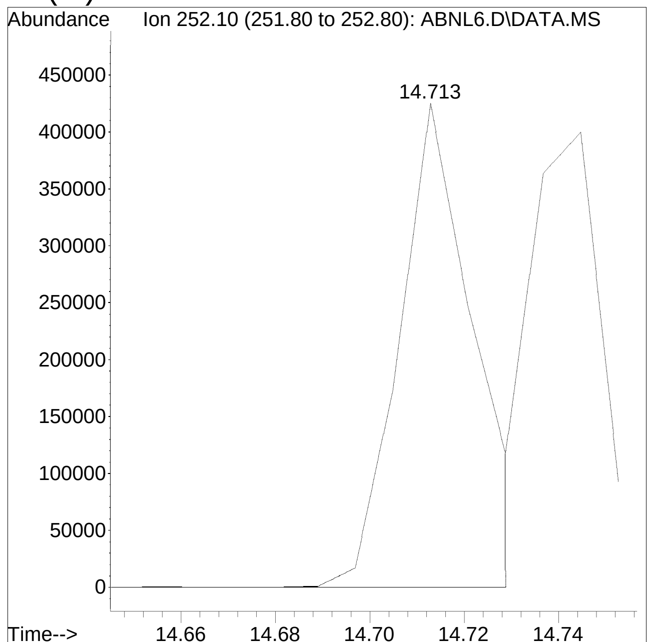
Original Peak Response = 429486 Manual Peak Response = 429486 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL6.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 6:01 pm Instrument : SV 106
Sample : IL5,32,,ABNL5 Lot# 11428 Quant Date : 3/12/2025 6:11 am

Compound #110: Benzo(b)fluoranthene



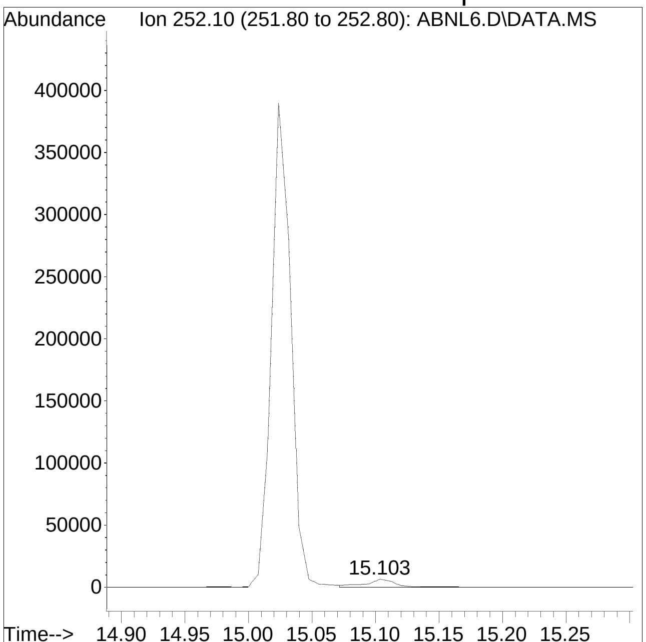


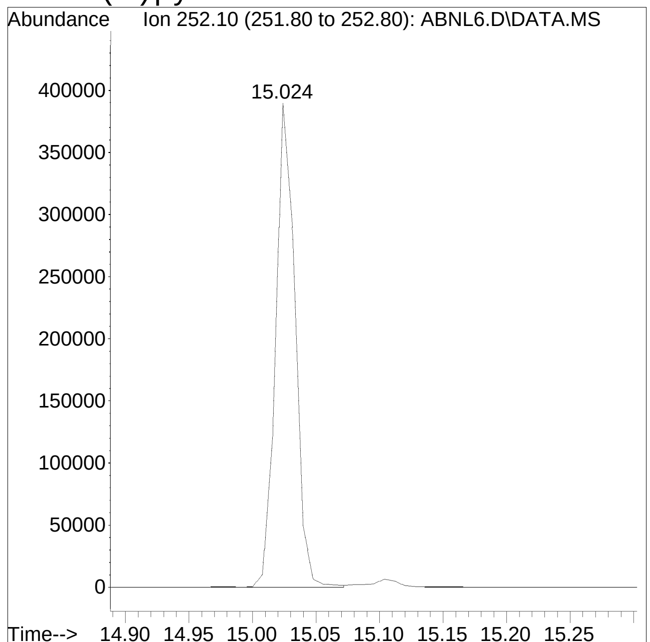
Original Peak Response = 468292 Manual Peak Response = 468863 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod    : FS250311SV106.m
Data File   : ABNL6.D                    Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  6:01 pm         Instrument  : SV 106
Sample      : IL5,32,,ABNL5 Lot# 11428   Quant Date  : 3/12/2025  6:11 am
```

Compound #112: Benzo(a)pyrene





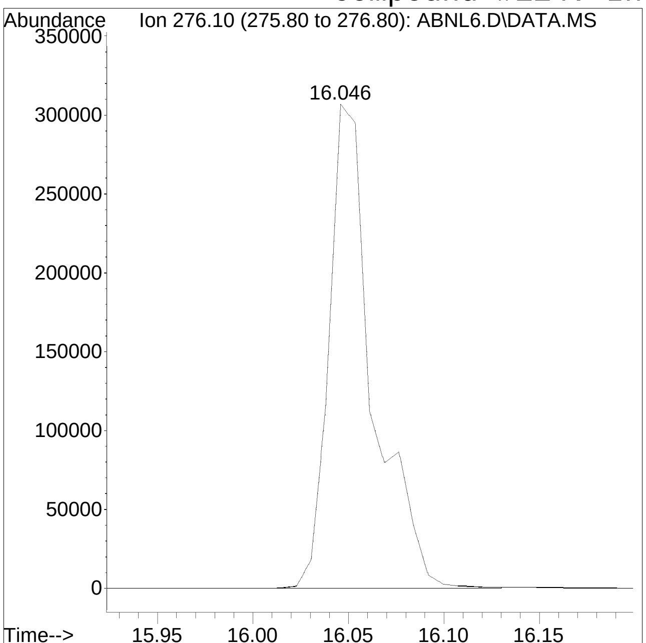
Original Peak Response = 11163   Manual Peak Response = 414024 M3

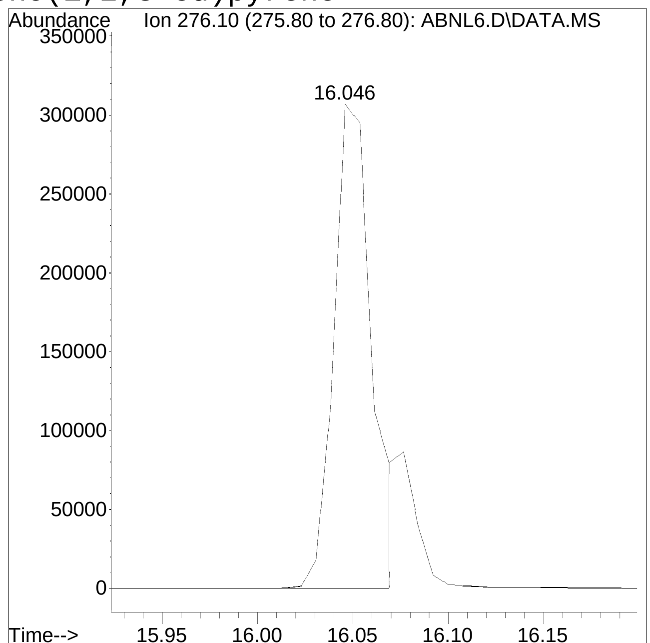
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\SV106\250311RVTica	QMethod	: FS250311SV106.m
Data File	: ABNL6.D	Operator	: SV106:ljg
Date Inj'd	: 3/11/2025 6:01 pm	Instrument	: SV 106
Sample	: IL5,32,,ABNL5 Lot# 11428	Quant Date	: 3/12/2025 6:11 am

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 491804   Manual Peak Response = 426992 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL5.D
Acq On    : 11 Mar 2025   6:24 pm
Operator  : SV106:ljg
Sample    : IL6,32,,ABNL2.5 Lot# 11429
Misc      : WG2039658,,ical
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Mar 12 06:24:57 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ABNical - ABN ical sublist

        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
---------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.351  152     54229     4.000 ug/ml    0.00
   Standard Area 1 = 55857                  Recovery   =   97.09%
35) IS1_Naphthalene-d8          7.790  136    203265     4.000 ug/ml  # 0.00
   Standard Area 1 = 204785                  Recovery   =   99.26%
63) IS1_Acenaphthene-d10        9.550  164    133372     4.000 ug/ml    0.00
   Standard Area 1 = 132560                  Recovery   =  100.61%
88) IS1_Phenanthrene-d10       10.988  188    260949     4.000 ug/ml    0.00
   Standard Area 1 = 260564                  Recovery   =  100.15%
104) IS1_Chrysene-d12          13.617  240    280704     4.000 ug/ml    0.00
   Standard Area 1 = 281321                  Recovery   =   99.78%
113) IS1_Perylene-d12          15.079  264    309717     4.000 ug/ml    0.00
   Standard Area 1 = 300591                  Recovery   =  103.04%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.370  112     33936     2.011 ug/ml   0.00
   Spiked Amount     2.000   Range  15 - 110    Recovery   =  100.55%
 7) Phenol-d6                   5.977   99     41153     2.026 ug/ml   0.00
   Spiked Amount     2.000   Range  15 - 110    Recovery   =  101.30%
19) Nitrobenzene-d5             7.018   82     32658     1.772 ug/ml   0.00
   Spiked Amount     1.000   Range  30 - 130    Recovery   =  177.20%#
46) 2-Fluorobiphenyl            8.911  172    104660     2.225 ug/ml   0.00
   Spiked Amount     1.000   Range  30 - 130    Recovery   =  222.50%#
79) 2,4,6-Tribromophenol       10.321  330     14986     1.986 ug/ml   0.00
   Spiked Amount     2.000   Range  15 - 110    Recovery   =   99.30%
96) 4-Terphenyl-d14            12.576  244    151336     2.161 ug/ml   0.00
   Spiked Amount     1.000   Range  30 - 130    Recovery   =  216.10%#

 Target Compounds                                                    Qvalue
 2) n-Nitrosodimethylamine      2.012   74      22406      2.174 ug/ml     85
 3) Pyridine                    2.069   79      40710      2.464 ug/ml#    77
 5) Aniline                     5.943   93      54539      2.271 ug/ml     99
 6) 2-Chlorophenol              6.087  128      38996      2.107 ug/ml     93
 8) Phenol                      5.994   94      44989      2.135 ug/ml    100
 9) Bis(2-chloroethyl)ether     6.079   93      35573      2.049 ug/ml#    75
10) 1,3-Dichlorobenzene         6.274  146      48056      2.124 ug/ml     95
11) 1,4-Dichlorobenzene         6.376  146      48093      2.087 ug/ml     98
12) 1,2-Dichlorobenzene         6.555  146      45717      2.069 ug/ml     97
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL5.D
Acq On : 11 Mar 2025 6:24 pm
Operator : SV106:ljg
Sample : IL6,32,,ABNL2.5 Lot# 11429
Misc : WG2039658,,ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 06:24:57 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
13) Benzyl alcohol	6.572	79	28486	1.982 ug/ml	98
14) Bis(2-chloroisopropyl)...	6.755	45	82914	3.037 ug/ml#	69
15) 2-Methylphenol	6.740	108	41118	2.700 ug/ml	94
16) Hexachloroethane	6.942	117	17003	2.043 ug/ml#	53
17) n-Nitrosodi-n-propylamine	6.897	70	26287	2.062 ug/ml	93
18) 3-Methylphenol/4-Methy...	6.927	108	34182	2.058 ug/ml	96
20) Nitrobenzene	7.040	77	34979	1.858 ug/ml	99
21) Isophorone	7.325	82	71270	2.176 ug/ml	98
22) 2-Nitrophenol	7.401	139	15502	1.605 ug/ml	90
23) 2,4-Dimethylphenol	7.506	107	37138	2.449 ug/ml	97
24) Bis(2-chloroethoxy)met...	7.596	93	50567	2.311 ug/ml	97
25) 2,4-Dichlorophenol	7.660	162	34508	2.036 ug/ml#	93
26) 1,2,4-Trichlorobenzene	7.739	180	43201	2.199 ug/ml	97
36) Naphthalene	7.811	128	120689	2.103 ug/ml	99
37) Benzoic Acid	7.573	105	17661	2.478 ug/ml	95
38) 4-Chloroaniline	7.898	65	15152	2.354 ug/ml	83
39) Hexachlorobutadiene	7.977	225	27695	2.283 ug/ml	99
40) p-Chloro-m-cresol	8.424	107	35352	2.348 ug/ml#	93
41) 2-Methylnaphthalene	8.529	142	72566	1.898 ug/ml	95
42) 1-Methylnaphthalene	8.626	115	27325	2.209 ug/ml	97
43) Hexachlorocyclopentadiene	8.708	237	33270	2.500 ug/ml	96
44) 2,4,6-Trichlorophenol	8.828	196	27812	1.989 ug/ml	97
45) 2,4,5-Trichlorophenol	8.858	196	30025	2.074 ug/ml	95
47) 2-Chloronaphthalene	9.008	162	86205	2.162 ug/ml	96
48) 2-Nitroaniline	9.120	138	18328	1.615 ug/ml	87
49) 1,4-Dinitrobenzene	9.266	168	1483M3	0.256 ug/ml	
50) 1,3-Dinitrobenzene	9.329	168	9721	1.530 ug/ml#	1
51) Dimethyl phthalate	9.329	163	105665	2.274 ug/ml#	99
52) Acenaphthylene	9.403	152	136941	2.304 ug/ml	99
53) 2,6-Dinitrotoluene	9.371	165	17390	1.840 ug/ml#	80
54) 1,2-Dinitrobenzene	9.413	168	7564	1.847 ug/ml#	1
64) 3-Nitroaniline	9.519	138	18077	1.678 ug/ml#	97
65) Acenaphthene	9.582	154	76613	1.986 ug/ml	90
66) 2,4-Dinitrophenol	9.624	184	7926	2.126 ug/ml#	86
67) Dibenzofuran	9.751	168	129001	2.067 ug/ml	90
68) 2,4-Dinitrotoluene	9.761	165	22693	1.624 ug/ml	88
69) 4-Nitrophenol	9.719	65	13363	1.678 ug/ml#	28
70) 2,3,5,6-Tetrachlorophenol	9.842	232	25263	1.941 ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL5.D
Acq On : 11 Mar 2025 6:24 pm
Operator : SV106:ljg
Sample : IL6,32,,ABNL2.5 Lot# 11429
Misc : WG2039658,,ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 06:24:57 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	9.884	232	25211	1.962	ug/ml	98
72)	Diethyl phthalate	10.025	149	98339	1.943	ug/ml	98
73)	Fluorene	10.089	166	99246	2.036	ug/ml	94
74)	4-Chlorophenyl phenyl ...	10.110	204	51695	2.066	ug/ml#	86
75)	4-Nitroaniline	10.117	138	17744M6	1.619	ug/ml	
76)	4,6-Dinitro-o-cresol	10.152	198	11231	1.449	ug/ml#	67
77)	NDPA/DPA	10.223	169	88040	2.093	ug/ml	96
78)	Azobenzene	10.258	77	82516	2.008	ug/ml#	90
80)	4-Bromophenyl phenyl e...	10.579	248	32307	2.085	ug/ml#	82
81)	Hexachlorobenzene	10.624	284	37541	2.139	ug/ml#	82
82)	Pentachlorophenol	10.821	266	18957	1.785	ug/ml	96
89)	Phenanthrene	11.010	178	160421	2.095	ug/ml	99
90)	Anthracene	11.063	178	158572	2.077	ug/ml	100
91)	Carbazole	11.230	167	147157	2.141	ug/ml	99
92)	Di-n-butylphthalate	11.624	149	151870	1.765	ug/ml	99
93)	Fluoranthene	12.163	202	187807	2.127	ug/ml#	93
94)	Benzidine	12.323	184	100635	1.988	ug/ml#	94
95)	Pyrene	12.379	202	201578	2.164	ug/ml	98
97)	Butyl benzyl phthalate	13.101	149	56544	1.563	ug/ml	90
105)	Benzo(a)anthracene	13.609	228	195265	2.017	ug/ml	99
106)	3,3'-Dichlorobenzidine	13.617	252	70893	2.230	ug/ml#	96
107)	Chrysene	13.649	228	195499	2.105	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	13.744	149	94980	1.635	ug/ml	93
109)	Di-n-octylphthalate	14.418	149	140176	1.455	ug/ml#	77
110)	Benzo(b)fluoranthene	14.713	252	220313	2.359	ug/ml#	94
111)	Benzo(k)fluoranthene	14.737	252	183823	2.113	ug/ml#	92
112)	Benzo(a)pyrene	15.024	252	186852M3	2.305	ug/ml	
114)	Indeno(1,2,3-cd)pyrene	16.046	276	189081M6	2.014	ug/mL	
115)	Dibenzo(a,h)anthracene	16.076	278	185569	2.078	ug/ml#	89
116)	Benzo(ghi)perylene	16.291	276	179906	2.152	ug/ml#	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL5.D
Acq On    : 11 Mar 2025   6:24 pm
Operator  : SV106:ljg
Sample    : IL6,32,,ABNL2.5 Lot# 11429
Misc      : WG2039658,,ical
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Mar 12 06:24:57 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

Sub List     : ABNical - ABN ical sublistTical\AP9L6.D•
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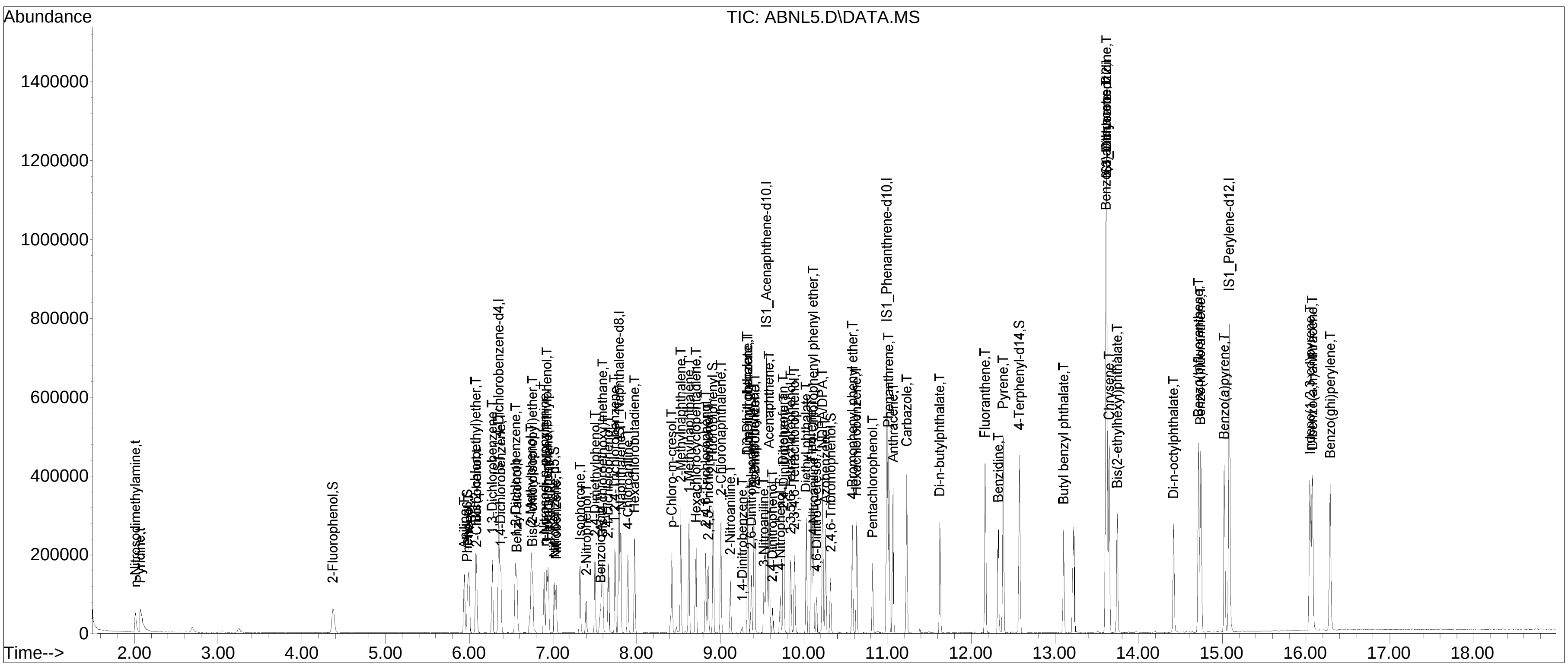
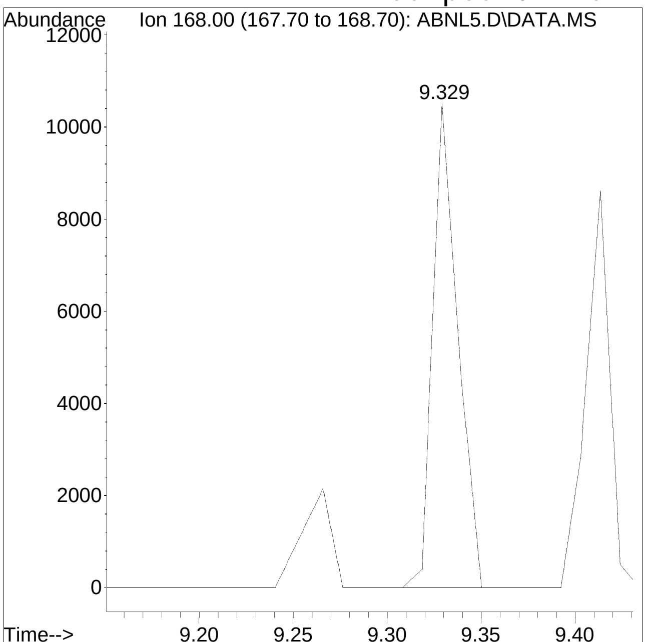


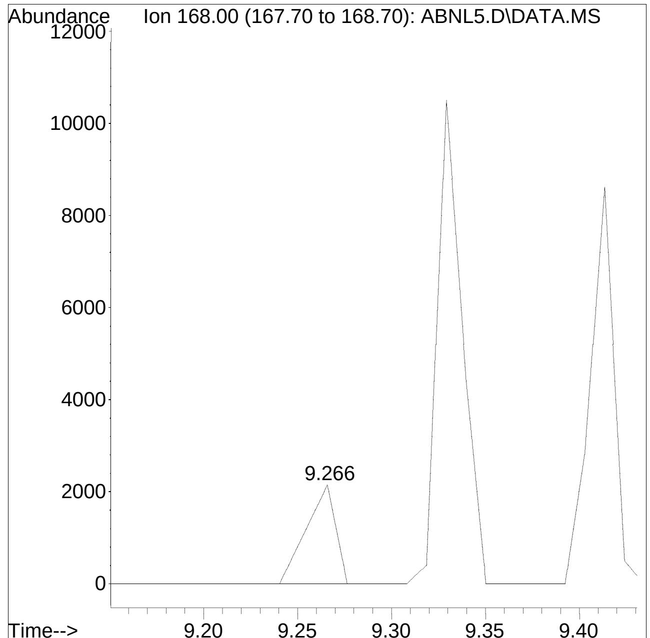
FS250311SV106.m Wed Mar 12 12:44:48 2025 Page: 4

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL5.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 6:24 pm Instrument : SV 106
Sample : IL6,32,,ABNL2.5 Lot# 11429Quant Date : 3/12/2025 6:14 am

Compound #49: 1,4-Dinitrobenzene



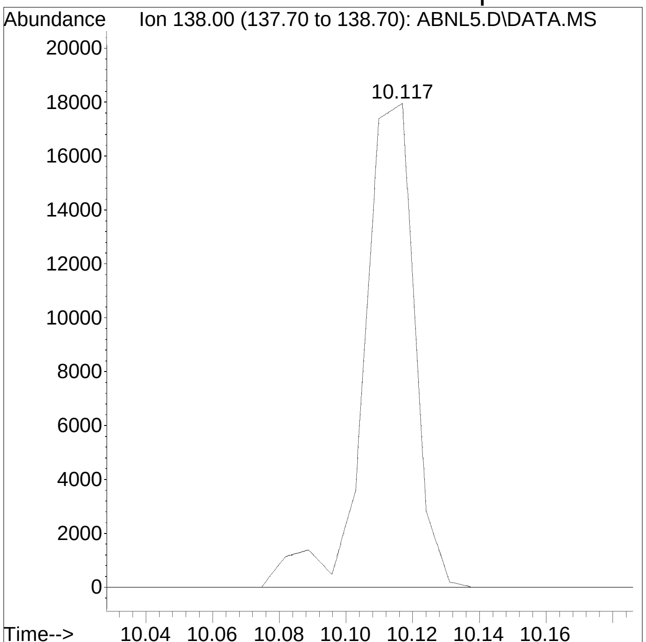


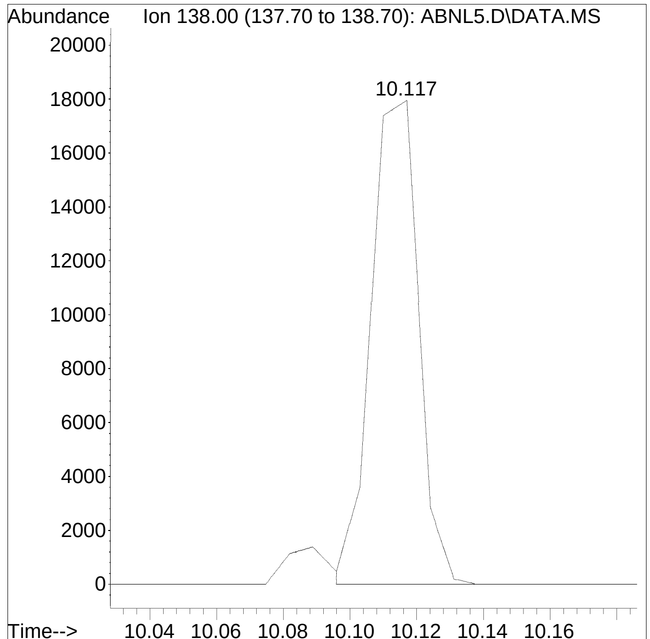
Original Peak Response = 9721 Manual Peak Response = 1483 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File    : ABNL5.D                   Operator    : SV106:ljg
Date Inj'd   : 3/11/2025  6:24 pm        Instrument  : SV 106
Sample       : IL6,32,,ABNL2.5 Lot# 11429Quant Date  : 3/12/2025  6:14 am
```

Compound #75: 4-Nitroaniline





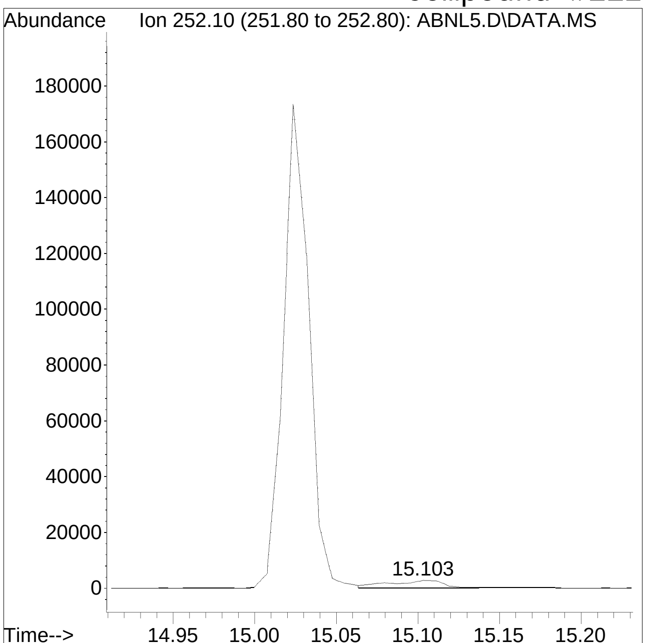
Original Peak Response = 19007   Manual Peak Response = 17744 M6

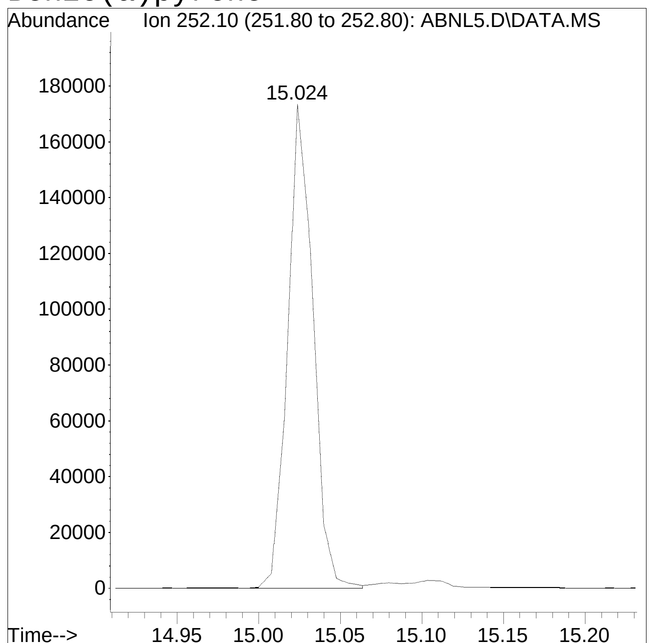
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL5.D                     Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  6:24 pm          Instrument  : SV 106
Sample      : IL6,32,,ABNL2.5 Lot# 11429Quant Date  : 3/12/2025  6:14 am
```

Compound #112: Benzo(a)pyrene





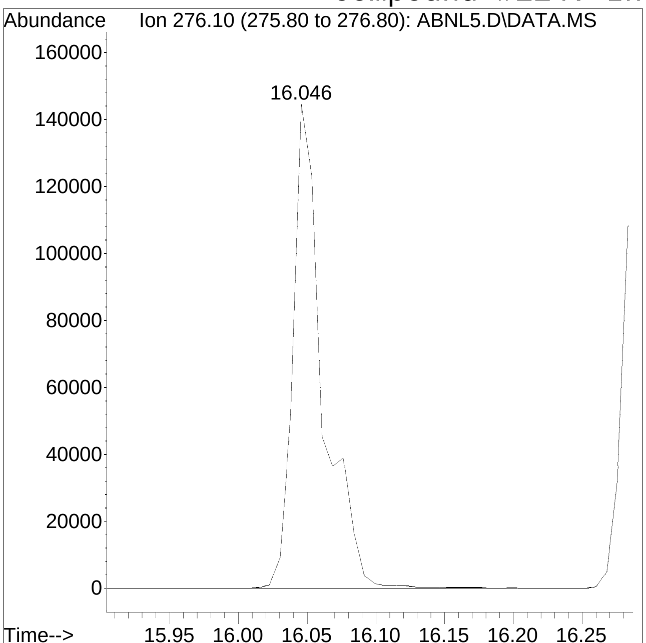
Original Peak Response = 6067   Manual Peak Response = 186852 M3

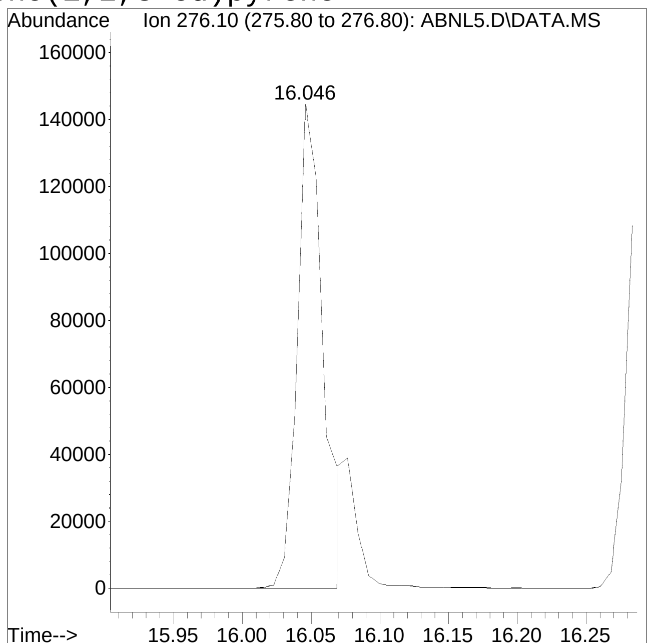
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL5.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 6:24 pm Instrument : SV 106
Sample : IL6,32,,ABNL2.5 Lot# 11429Quant Date : 3/12/2025 6:14 am

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 219007 Manual Peak Response = 189081 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL4.D
Acq On    : 11 Mar 2025   6:48 pm
Operator  : SV106:ljg
Sample    : IL7,32,,ABNL1 Lot# 11430
Misc      : WG2039658,,ical
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 12 06:23:42 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
--------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.351  152     53475     4.000 ug/ml    0.00
   Standard Area 1 = 55857                 Recovery   =   95.74%
35) IS1_Naphthalene-d8          7.790  136    202823     4.000 ug/ml  # 0.00
   Standard Area 1 = 204785                 Recovery   =   99.04%
63) IS1_Acenaphthene-d10        9.550  164    124543     4.000 ug/ml    0.00
   Standard Area 1 = 132560                 Recovery   =   93.95%
88) IS1_Phenanthrene-d10       10.988  188    254743     4.000 ug/ml    0.00
   Standard Area 1 = 260564                 Recovery   =   97.77%
104) IS1_Chrysene-d12          13.617  240    267399     4.000 ug/ml    0.00
   Standard Area 1 = 281321                 Recovery   =   95.05%
113) IS1_Perylene-d12          15.079  264    292766     4.000 ug/ml    0.00
   Standard Area 1 = 300591                 Recovery   =   97.40%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.370  112     14756     0.887 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   44.35%
 7) Phenol-d6                   5.977   99     18449     0.921 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   46.05%
19) Nitrobenzene-d5             7.017   82     14814     0.815 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   81.50%
46) 2-Fluorobiphenyl            8.911  172     46826     0.998 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   99.80%
79) 2,4,6-Tribromophenol       10.321  330      6282     0.892 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   44.60%
96) 4-Terphenyl-d14            12.576  244     65331     0.956 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   95.60%

 Target Compounds                                                   Qvalue
 2) n-Nitrosodimethylamine      2.012   74      9644      0.949 ug/ml#    90
 3) Pyridine                    2.091   79     16528      1.014 ug/ml     82
 5) Aniline                     5.943   93     24546      1.037 ug/ml     99
 6) 2-Chlorophenol              6.087  128     16985      0.931 ug/ml     94
 8) Phenol                      5.994   94     19653      0.946 ug/ml     97
 9) Bis(2-chloroethyl)ether     6.079   93     16744      0.978 ug/ml#    82
10) 1,3-Dichlorobenzene         6.274  146     21232      0.952 ug/ml     95
11) 1,4-Dichlorobenzene         6.368  146     21379      0.941 ug/ml     97
12) 1,2-Dichlorobenzene         6.555  146     20459      0.939 ug/ml     94
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL4.D
Acq On : 11 Mar 2025 6:48 pm
Operator : SV106:ljg
Sample : IL7,32,,ABNL1 Lot# 11430
Misc : WG2039658,,ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 06:23:42 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
13) Benzyl alcohol	6.572	79	11725	0.827 ug/ml	93
14) Bis(2-chloroisopropyl)...	6.755	45	36440	1.354 ug/ml#	67
15) 2-Methylphenol	6.739	108	17728	1.181 ug/ml	88
16) Hexachloroethane	6.942	117	7600	0.926 ug/ml#	53
17) n-Nitrosodi-n-propylamine	6.897	70	11344	0.903 ug/ml	94
18) 3-Methylphenol/4-Methy...	6.927	108	15394	0.940 ug/ml	98
20) Nitrobenzene	7.040	77	14549	0.784 ug/ml	99
21) Isophorone	7.325	82	30792	0.953 ug/ml	97
22) 2-Nitrophenol	7.401	139	6426	0.675 ug/ml	90
23) 2,4-Dimethylphenol	7.498	107	15643	1.046 ug/ml	93
24) Bis(2-chloroethoxy)met...	7.595	93	22029	1.021 ug/ml	99
25) 2,4-Dichlorophenol	7.660	162	15426	0.923 ug/ml#	94
26) 1,2,4-Trichlorobenzene	7.739	180	19839	1.024 ug/ml	98
36) Naphthalene	7.804	128	55505	0.969 ug/ml	99
37) Benzoic Acid	7.558	105	7191	1.777 ug/ml	95
38) 4-Chloroaniline	7.898	65	6758	1.052 ug/ml	85
39) Hexachlorobutadiene	7.977	225	12349	1.020 ug/ml	99
40) p-Chloro-m-cresol	8.424	107	16047	1.068 ug/ml	92
41) 2-Methylnaphthalene	8.529	142	32602	0.854 ug/ml	96
42) 1-Methylnaphthalene	8.626	115	12062	0.977 ug/ml	93
43) Hexachlorocyclopentadiene	8.708	237	14665	1.104 ug/ml	98
44) 2,4,6-Trichlorophenol	8.828	196	11944	0.856 ug/ml	97
45) 2,4,5-Trichlorophenol	8.858	196	11912	0.825 ug/ml	98
47) 2-Chloronaphthalene	9.008	162	37989	0.955 ug/ml	97
48) 2-Nitroaniline	9.120	138	7378	0.652 ug/ml	91
49) 1,4-Dinitrobenzene	9.266	168	695M3	0.120 ug/ml	
50) 1,3-Dinitrobenzene	9.329	168	3721	0.587 ug/ml#	1
51) Dimethyl phthalate	9.329	163	45710	0.986 ug/ml#	99
52) Acenaphthylene	9.403	152	58813	0.992 ug/ml	99
53) 2,6-Dinitrotoluene	9.371	165	7288	0.773 ug/ml#	75
54) 1,2-Dinitrobenzene	9.413	168	2647	0.648 ug/ml#	1
64) 3-Nitroaniline	9.519	138	7075	0.703 ug/ml#	87
65) Acenaphthene	9.582	154	34236	0.950 ug/ml	90
66) 2,4-Dinitrophenol	9.624	184	3071	1.581 ug/ml	91
67) Dibenzofuran	9.751	168	59661	1.024 ug/ml	93
68) 2,4-Dinitrotoluene	9.761	165	8903	0.682 ug/ml	89
69) 4-Nitrophenol	9.719	65	5559	0.747 ug/ml#	34
70) 2,3,5,6-Tetrachlorophenol	9.849	232	10386	0.854 ug/ml	95

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL4.D
Acq On : 11 Mar 2025 6:48 pm
Operator : SV106:ljg
Sample : IL7,32,,ABNL1 Lot# 11430
Misc : WG2039658,,ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 06:23:42 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	9.884	232	10391	0.866 ug/ml	97
72) Diethyl phthalate	10.025	149	42533	0.900 ug/ml	98
73) Fluorene	10.089	166	44259	0.972 ug/ml	94
74) 4-Chlorophenyl phenyl ...	10.110	204	23260	0.996 ug/ml#	87
75) 4-Nitroaniline	10.110	138	7418	0.725 ug/ml	89
76) 4,6-Dinitro-o-cresol	10.152	198	4129	0.778 ug/ml#	74
77) NDPA/DPA	10.223	169	37114	0.945 ug/ml	94
78) Azobenzene	10.258	77	35766	0.932 ug/ml#	90
80) 4-Bromophenyl phenyl e...	10.579	248	14376	0.993 ug/ml#	82
81) Hexachlorobenzene	10.624	284	16882	1.030 ug/ml#	82
82) Pentachlorophenol	10.821	266	7387	0.745 ug/ml	95
89) Phenanthrene	11.010	178	71956	0.963 ug/ml	99
90) Anthracene	11.063	178	68990	0.926 ug/ml	100
91) Carbazole	11.230	167	63223	0.942 ug/ml	97
92) Di-n-butylphthalate	11.624	149	62160	0.740 ug/ml	99
93) Fluoranthene	12.163	202	80262	0.931 ug/ml#	93
94) Benzidine	12.322	184	36898	0.747 ug/ml#	94
95) Pyrene	12.379	202	86985	0.957 ug/ml	99
97) Butyl benzyl phthalate	13.101	149	21312	0.603 ug/ml	90
105) Benzo(a)anthracene	13.609	228	81287	0.882 ug/ml	98
106) 3,3'-Dichlorobenzidine	13.609	252	27345	0.903 ug/ml#	96
107) Chrysene	13.641	228	84840	0.959 ug/ml	99
108) Bis(2-ethylhexyl)phtha...	13.744	149	33606	0.607 ug/ml	96
109) Di-n-octylphthalate	14.418	149	50346	0.548 ug/ml#	80
110) Benzo(b)fluoranthene	14.713	252	96705	1.087 ug/ml#	88
111) Benzo(k)fluoranthene	14.737	252	73904	0.892 ug/ml#	89
112) Benzo(a)pyrene	15.024	252	76360	0.989 ug/ml#	93
114) Indeno(1,2,3-cd)pyrene	16.046	276	73157M6	0.824 ug/mL	
115) Dibenzo(a,h)anthracene	16.069	278	78578	0.931 ug/ml#	88
116) Benzo(ghi)perylene	16.283	276	78721	0.996 ug/ml#	85

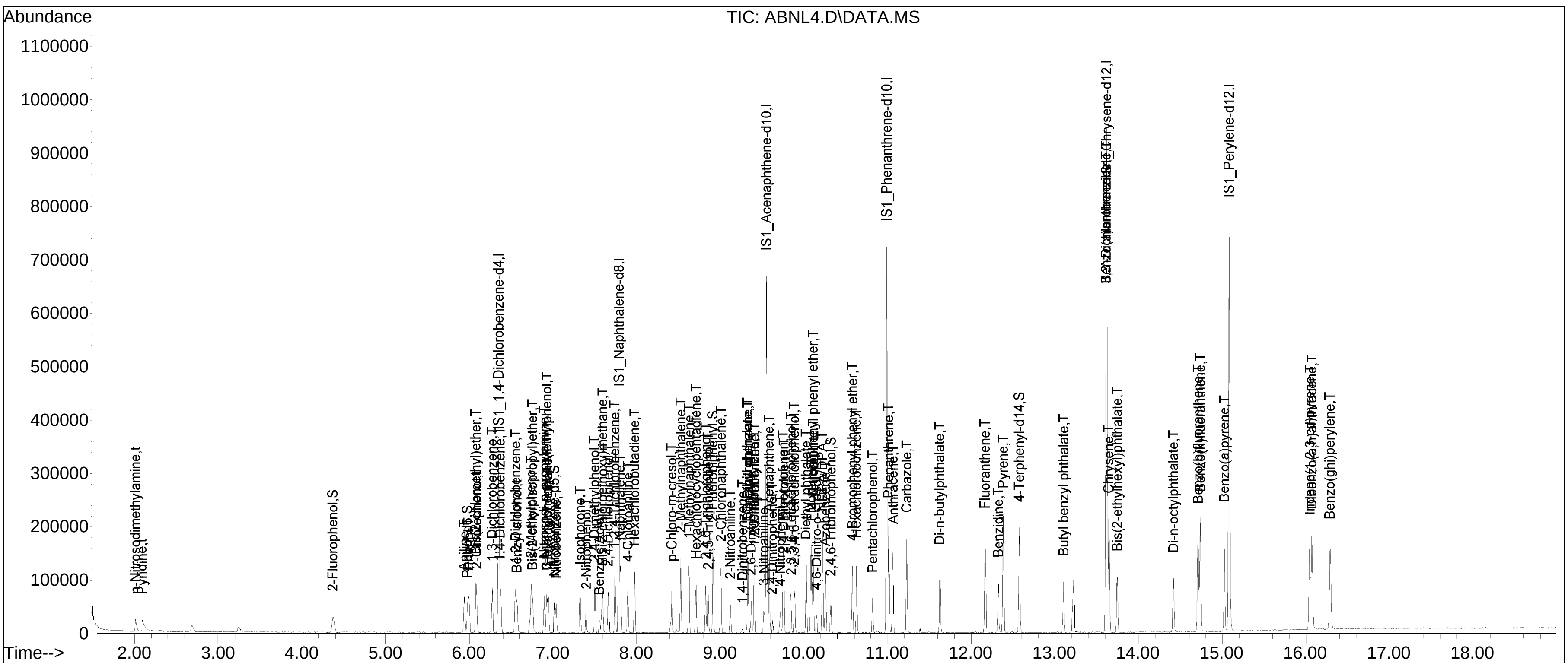
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL4.D
Acq On : 11 Mar 2025 6:48 pm
Operator : SV106:ljg
Sample : IL7,32,,ABNL1 Lot# 11430
Misc : WG2039658,,ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 06:23:42 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

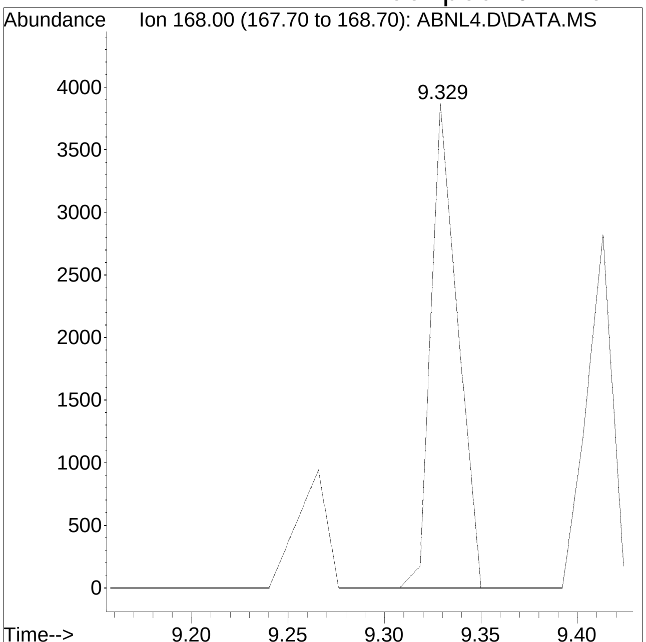
Sub List : ABNical - ABN ical sublistTical\AP9L6.D•

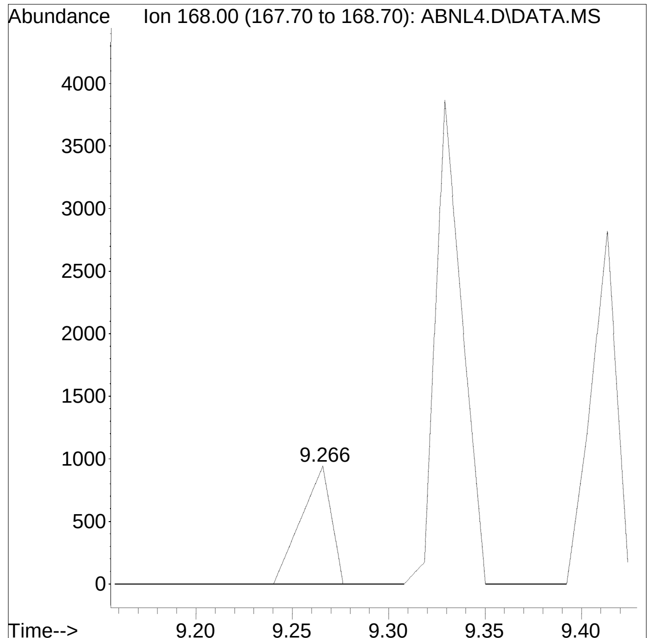


Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL4.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 6:48 pm Instrument : SV 106
Sample : IL7,32,,ABNL1 Lot# 11430 Quant Date : 3/12/2025 6:14 am

Compound #49: 1,4-Dinitrobenzene





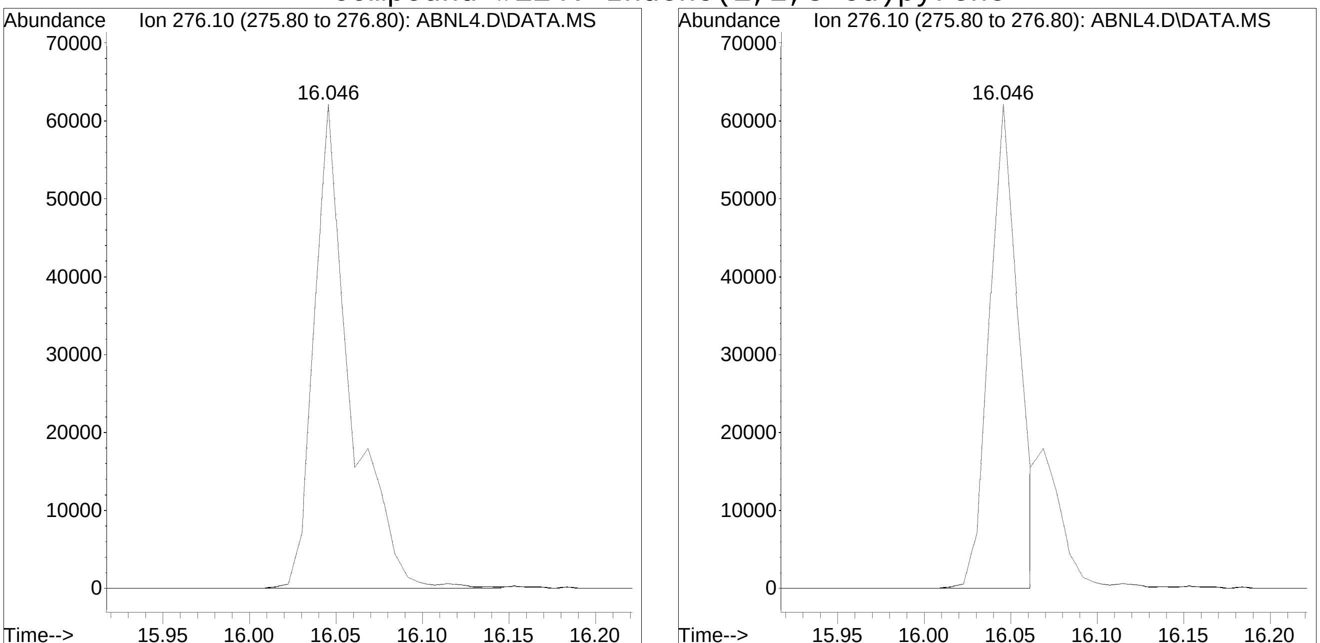
Original Peak Response = 3721 Manual Peak Response = 695 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTica
Data File : ABNL4.D
Date Inj'd : 3/11/2025 6:48 pm
Sample : IL7,32,,ABNL1 Lot# 11430

QMethod : FS250311SV106.m
Operator : SV106:ljg
Instrument : SV 106
Quant Date : 3/12/2025 6:14 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 91075
Manual Peak Response = 73157 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL3.D
Acq On    : 11 Mar 2025   7:11 pm
Operator  : SV106:ljg
Sample    : IL8,32,,ABNL0.5 Lot# 11431
Misc      : WG2039658,,ical
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Mar 12 06:22:46 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.351  152     56768     4.000 ug/ml    0.00
   Standard Area 1 = 55857                 Recovery   =  101.63%
35) IS1_Naphthalene-d8          7.790  136    206416     4.000 ug/ml  # 0.00
   Standard Area 1 = 204785                 Recovery   =  100.80%
63) IS1_Acenaphthene-d10        9.550  164    129170     4.000 ug/ml    0.00
   Standard Area 1 = 132560                 Recovery   =   97.44%
88) IS1_Phenanthrene-d10       10.988  188    261176     4.000 ug/ml    0.00
   Standard Area 1 = 260564                 Recovery   =  100.23%
104) IS1_Chrysene-d12          13.617  240    273347     4.000 ug/ml    0.00
   Standard Area 1 = 281321                 Recovery   =   97.17%
113) IS1_Perylene-d12          15.079  264    292012     4.000 ug/ml    0.00
   Standard Area 1 = 300591                 Recovery   =   97.15%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.377  112      8605     0.487 ug/ml   0.00
   Spiked Amount     2.000   Range  15 - 110    Recovery   =   24.35%
 7) Phenol-d6                   5.985   99     10059     0.473 ug/ml   0.00
   Spiked Amount     2.000   Range  15 - 110    Recovery   =   23.65%
19) Nitrobenzene-d5             7.018   82      7977     0.414 ug/ml   0.00
   Spiked Amount     1.000   Range  30 - 130    Recovery   =   41.40%
46) 2-Fluorobiphenyl            8.911  172     26250     0.549 ug/ml   0.00
   Spiked Amount     1.000   Range  30 - 130    Recovery   =   54.90%
79) 2,4,6-Tribromophenol       10.321  330      3362     0.460 ug/ml   0.00
   Spiked Amount     2.000   Range  15 - 110    Recovery   =   23.00%
96) 4-Terphenyl-d14            12.576  244     36870     0.526 ug/ml   0.00
   Spiked Amount     1.000   Range  30 - 130    Recovery   =   52.60%

 Target Compounds                                                  Qvalue
 2) n-Nitrosodimethylamine      2.026   74      5717      0.530 ug/ml#    91
 3) Pyridine                    2.112   79     10850M1    0.627 ug/ml
 5) Aniline                     5.943   93     13620      0.542 ug/ml     97
 6) 2-Chlorophenol              6.087  128      9341      0.482 ug/ml     94
 8) Phenol                      5.994   94     10999      0.499 ug/ml     99
 9) Bis(2-chloroethyl)ether     6.079   93      9284      0.511 ug/ml#    78
10) 1,3-Dichlorobenzene         6.274  146     12313      0.520 ug/ml     97
11) 1,4-Dichlorobenzene         6.376  146     12376      0.513 ug/ml     99
12) 1,2-Dichlorobenzene         6.555  146     12396      0.536 ug/ml     93
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL3.D
Acq On : 11 Mar 2025 7:11 pm
Operator : SV106:ljg
Sample : IL8,32,,ABNL0.5 Lot# 11431
Misc : WG2039658,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 12 06:22:46 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
13) Benzyl alcohol	6.572	79	6554	0.436 ug/ml	97
14) Bis(2-chloroisopropyl)...	6.755	45	22270	0.779 ug/ml#	72
15) 2-Methylphenol	6.740	108	10300	0.646 ug/ml	91
16) Hexachloroethane	6.942	117	3941	0.452 ug/ml#	47
17) n-Nitrosodi-n-propylamine	6.897	70	6527	0.489 ug/ml#	85
18) 3-Methylphenol/4-Methy...	6.927	108	8045	0.463 ug/ml	94
20) Nitrobenzene	7.040	77	7841	0.398 ug/ml	97
21) Isophorone	7.325	82	17496	0.510 ug/ml	98
22) 2-Nitrophenol	7.401	139	3677	0.364 ug/ml	90
23) 2,4-Dimethylphenol	7.506	107	8665	0.546 ug/ml	97
24) Bis(2-chloroethoxy)met...	7.596	93	13281	0.580 ug/ml#	98
25) 2,4-Dichlorophenol	7.660	162	8010	0.452 ug/ml	90
26) 1,2,4-Trichlorobenzene	7.739	180	11248	0.547 ug/ml	95
36) Naphthalene	7.804	128	30818	0.529 ug/ml	99
37) Benzoic Acid	7.558	105	3715	1.539 ug/ml	97
38) 4-Chloroaniline	7.898	65	3476	0.532 ug/ml#	77
39) Hexachlorobutadiene	7.977	225	6885	0.559 ug/ml	98
40) p-Chloro-m-cresol	8.424	107	8955	0.586 ug/ml	96
41) 2-Methylnaphthalene	8.529	142	18288	0.471 ug/ml	98
42) 1-Methylnaphthalene	8.626	115	7282	0.580 ug/ml	92
43) Hexachlorocyclopentadiene	8.708	237	8140	0.602 ug/ml	94
44) 2,4,6-Trichlorophenol	8.828	196	6438	0.453 ug/ml	94
45) 2,4,5-Trichlorophenol	8.858	196	5999	0.408 ug/ml	98
47) 2-Chloronaphthalene	9.008	162	21654	0.535 ug/ml	95
48) 2-Nitroaniline	9.120	138	3851	0.334 ug/ml	92
49) 1,4-Dinitrobenzene	9.266	168	286M3	0.049 ug/ml	
50) 1,3-Dinitrobenzene	9.329	168	2083	0.323 ug/ml#	1
51) Dimethyl phthalate	9.329	163	24657	0.522 ug/ml#	96
52) Acenaphthylene	9.403	152	32837	0.544 ug/ml	99
53) 2,6-Dinitrotoluene	9.371	165	3640	0.379 ug/ml#	78
54) 1,2-Dinitrobenzene	9.413	168	1331	0.320 ug/ml#	1
64) 3-Nitroaniline	9.519	138	3348	0.321 ug/ml#	64
65) Acenaphthene	9.582	154	18780	0.503 ug/ml	89
66) 2,4-Dinitrophenol	9.624	184	1538	1.381 ug/ml#	60
67) Dibenzofuran	9.751	168	33741	0.558 ug/ml	93
68) 2,4-Dinitrotoluene	9.761	165	4190	0.310 ug/ml#	74
69) 4-Nitrophenol	9.719	65	2869	0.372 ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	9.842	232	5851	0.464 ug/ml	92

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL3.D
Acq On : 11 Mar 2025 7:11 pm
Operator : SV106:ljg
Sample : IL8,32,,ABNL0.5 Lot# 11431
Misc : WG2039658,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 12 06:22:46 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	9.884	232	5525	0.444	ug/ml	98
72)	Diethyl phthalate	10.025	149	23409	0.478	ug/ml	97
73)	Fluorene	10.089	166	24293	0.515	ug/ml	93
74)	4-Chlorophenyl phenyl ...	10.110	204	13304	0.549	ug/ml#	87
75)	4-Nitroaniline	10.110	138	3664	0.345	ug/ml	90
76)	4,6-Dinitro-o-cresol	10.152	198	2275	0.574	ug/ml#	74
77)	NDPA/DPA	10.223	169	20258	0.497	ug/ml	92
78)	Azobenzene	10.258	77	19388	0.487	ug/ml#	90
80)	4-Bromophenyl phenyl e...	10.579	248	8102	0.540	ug/ml#	80
81)	Hexachlorobenzene	10.624	284	10638	0.626	ug/ml#	78
82)	Pentachlorophenol	10.821	266	3967	0.386	ug/ml	95
89)	Phenanthrene	11.010	178	40108	0.523	ug/ml	99
90)	Anthracene	11.056	178	39771	0.520	ug/ml	99
91)	Carbazole	11.230	167	34443	0.501	ug/ml	97
92)	Di-n-butylphthalate	11.624	149	34005	0.395	ug/ml	99
93)	Fluoranthene	12.163	202	45315	0.513	ug/ml#	93
94)	Benzidine	12.323	184	16881	0.333	ug/ml#	93
95)	Pyrene	12.379	202	48506	0.520	ug/ml	99
97)	Butyl benzyl phthalate	13.101	149	11761	0.325	ug/ml	92
105)	Benzo(a)anthracene	13.610	228	46327	0.492	ug/ml	98
106)	3,3'-Dichlorobenzidine	13.610	252	13986	0.452	ug/ml	99
107)	Chrysene	13.641	228	50130	0.554	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	13.736	149	18181	0.321	ug/ml	95
109)	Di-n-octylphthalate	14.418	149	26903	0.287	ug/ml#	81
110)	Benzo(b)fluoranthene	14.713	252	45567	0.501	ug/ml#	94
111)	Benzo(k)fluoranthene	14.737	252	48838	0.576	ug/ml#	93
112)	Benzo(a)pyrene	15.024	252	41546	0.526	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	16.046	276	39000M6	0.441	ug/mL	
115)	Dibenzo(a,h)anthracene	16.069	278	40856	0.485	ug/ml#	89
116)	Benzo(ghi)perylene	16.283	276	40710	0.516	ug/ml#	85

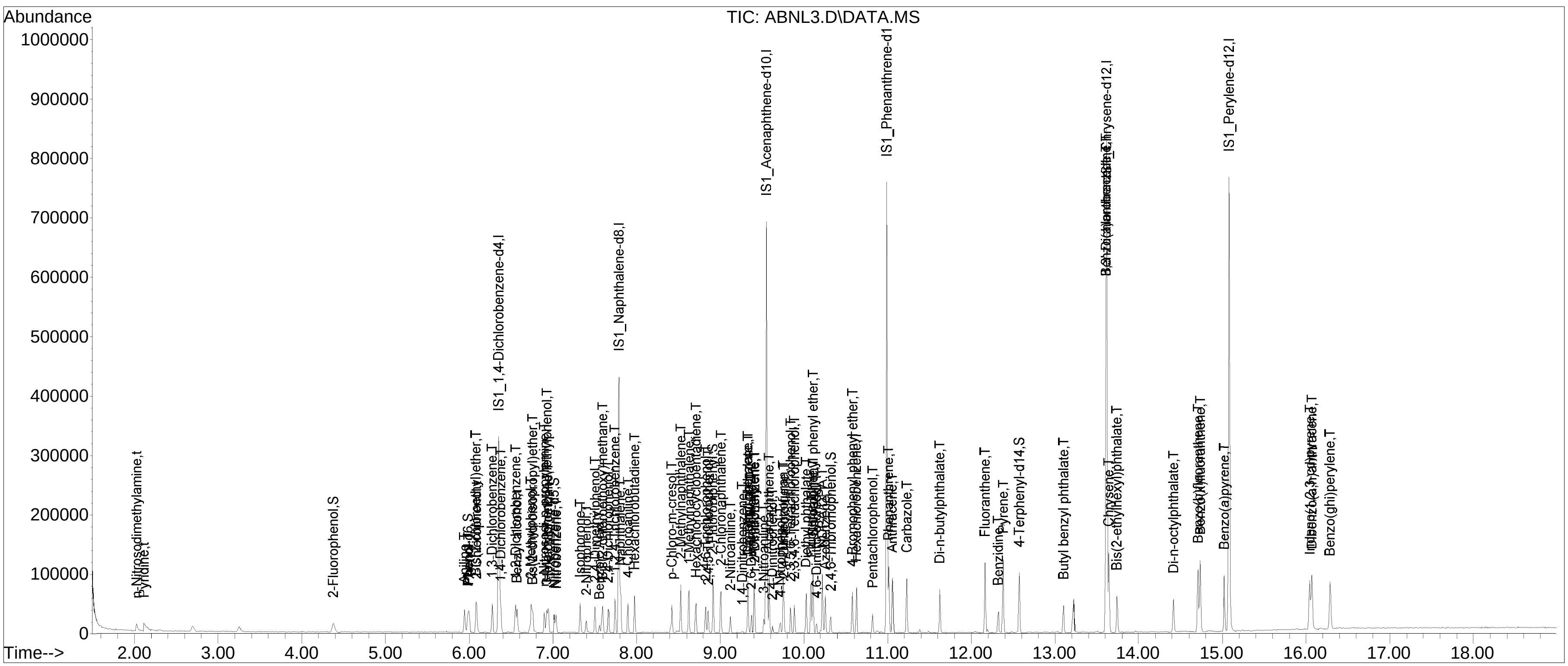
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL3.D
Acq On : 11 Mar 2025 7:11 pm
Operator : SV106:ljg
Sample : IL8,32,,ABNL0.5 Lot# 11431
Misc : WG2039658,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 12 06:22:46 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

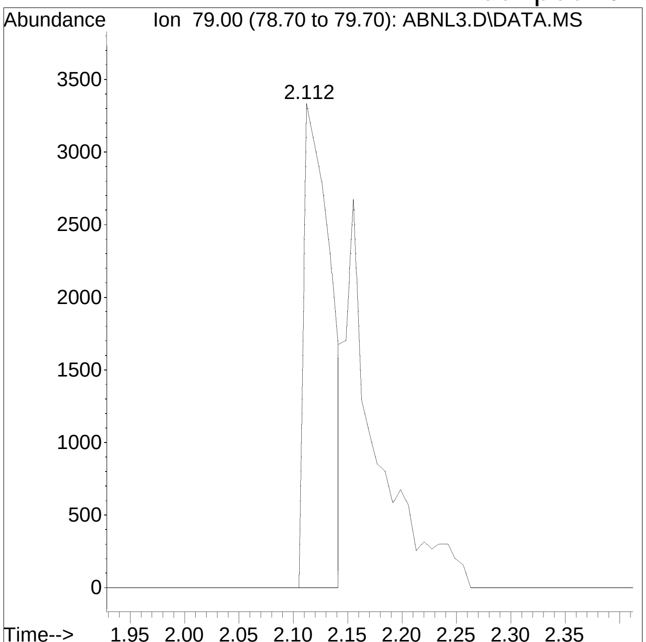
Sub List : ABNical - ABN ical sublistTical\AP9L6.D•

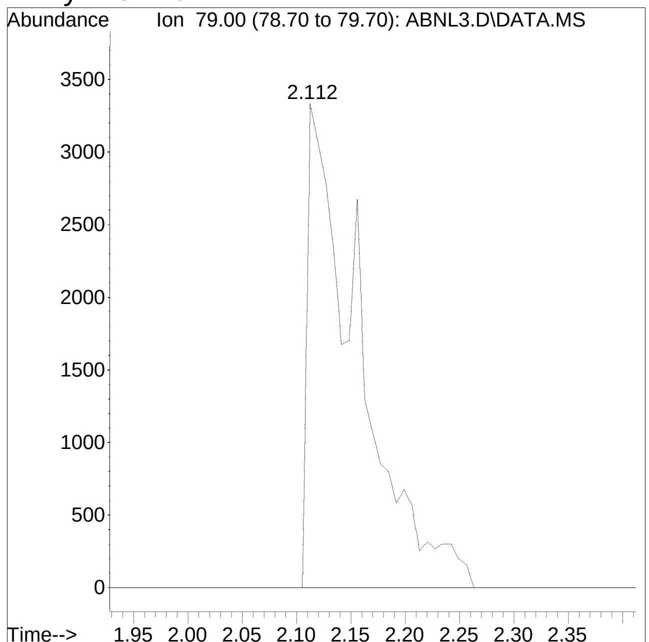


Manual Integration Report

Data Path	: I:\8270\SV106\250311RVTicaQ	Method	: FS250311SV106.m
Data File	: ABNL3.D	Operator	: SV106:ljg
Date Inj'd	: 3/11/2025 7:11 pm	Instrument	: SV 106
Sample	: IL8,32,,ABNL0.5 Lot# 11431	Quant Date	: 3/12/2025 6:14 am

Compound #3: Pyridine



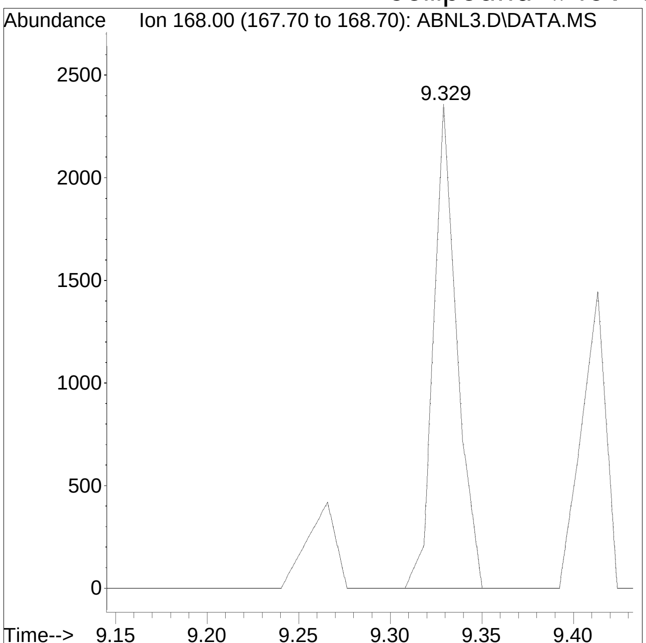


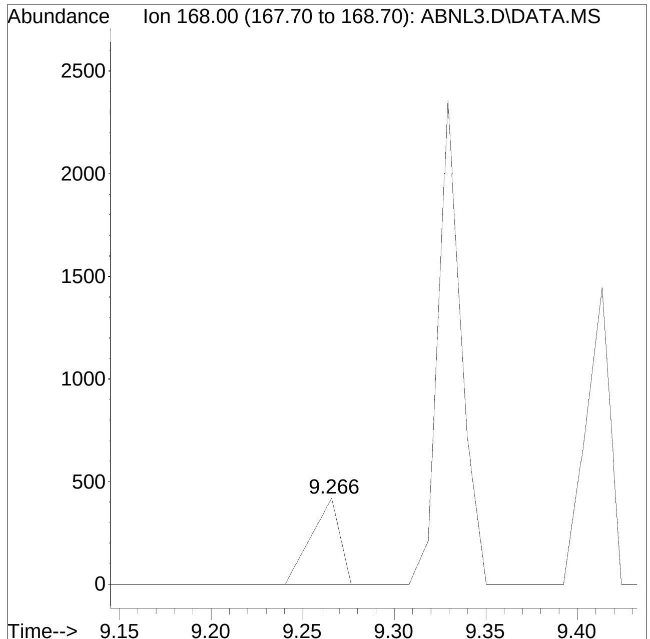
Original Peak Response = 5670 Manual Peak Response = 10850 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL3.D                 Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  7:11 pm      Instrument  : SV 106
Sample      : IL8,32,,ABNL0.5 Lot# 11431Quant Date  : 3/12/2025  6:14 am
```

Compound #49: 1,4-Dinitrobenzene





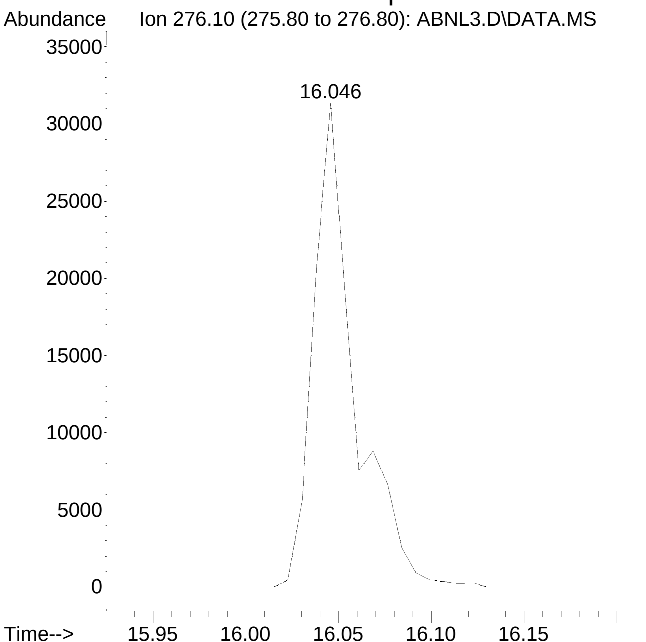
Original Peak Response = 2083   Manual Peak Response = 286 M3

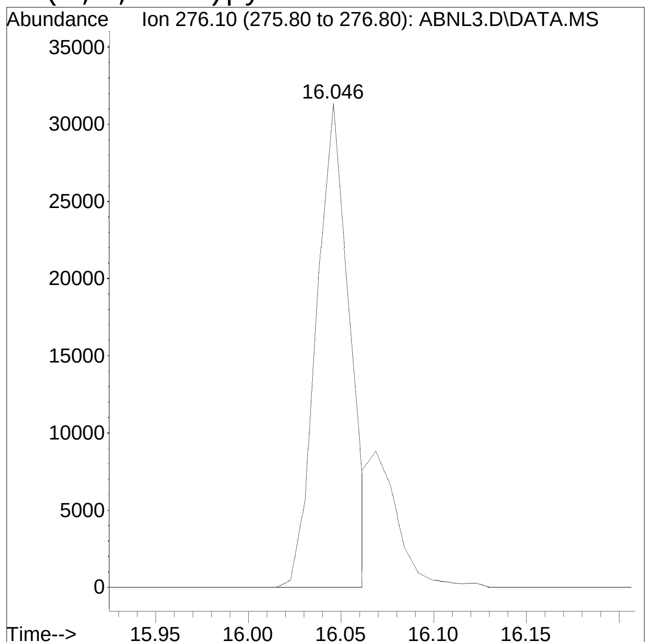
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod      : FS250311SV106.m
Data File    : ABNL3.D                     Operator     : SV106:ljg
Date Inj'd   : 3/11/2025  7:11 pm          Instrument   : SV 106
Sample       : IL8,32,,ABNL0.5 Lot# 11431Quant Date   : 3/12/2025  6:14 am
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 48308   Manual Peak Response = 39000 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL2.D
Acq On    : 11 Mar 2025   7:34 pm
Operator  : SV106:ljg
Sample    : IL9,32,,ABNL0.2 Lot# 11432
Misc      : WG2039658,,ical
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Mar 12 06:21:39 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.351  152     53891     4.000 ug/ml    0.00
   Standard Area 1 = 55857                Recovery   =   96.48%
35) IS1_Naphthalene-d8          7.790  136    195073     4.000 ug/ml  # 0.00
   Standard Area 1 = 204785                Recovery   =   95.26%
63) IS1_Acenaphthene-d10        9.551  164    120815     4.000 ug/ml    0.00
   Standard Area 1 = 132560                Recovery   =   91.14%
88) IS1_Phenanthrene-d10       10.988  188    241512     4.000 ug/ml    0.00
   Standard Area 1 = 260564                Recovery   =   92.69%
104) IS1_Chrysene-d12          13.618  240    246822     4.000 ug/ml    0.00
   Standard Area 1 = 281321                Recovery   =   87.74%
113) IS1_Perylene-d12          15.080  264    268265     4.000 ug/ml    0.00
   Standard Area 1 = 300591                Recovery   =   89.25%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.377  112      2881     0.172 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =    8.60%#
 7) Phenol-d6                   5.977   99      3219     0.160 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =    8.00%#
19) Nitrobenzene-d5             7.018   82      2618     0.143 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   14.30%#
46) 2-Fluorobiphenyl            8.911  172      8991     0.199 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   19.90%#
79) 2,4,6-Tribromophenol       10.322  330       991     0.145 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =    7.25%#
96) 4-Terphenyl-d14            12.576  244     12609     0.195 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   19.50%#

 Target Compounds                                                   Qvalue
 2) n-Nitrosodimethylamine      2.026   74      1723      0.168 ug/ml#    88
 3) Pyridine                    2.141   79      2944      0.179 ug/ml     98
 5) Aniline                     5.943   93      3970      0.166 ug/ml     96
 6) 2-Chlorophenol              6.088  128      3052      0.166 ug/ml     92
 8) Phenol                      5.994   94      3640      0.174 ug/ml     91
 9) Bis(2-chloroethyl)ether     6.079   93      2916      0.169 ug/ml#    75
10) 1,3-Dichlorobenzene         6.274  146      3922      0.174 ug/ml     93
11) 1,4-Dichlorobenzene         6.368  146      4232M3    0.185 ug/ml
12) 1,2-Dichlorobenzene         6.555  146      4309      0.196 ug/ml     92
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL2.D
Acq On : 11 Mar 2025 7:34 pm
Operator : SV106:ljg
Sample : IL9,32,,ABNL0.2 Lot# 11432
Misc : WG2039658,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 06:21:39 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
13) Benzyl alcohol	6.572	79	2115	0.148 ug/ml	98
14) Bis(2-chloroisopropyl)...	6.755	45	7357	0.271 ug/ml#	74
15) 2-Methylphenol	6.740	108	3260	0.215 ug/ml#	89
16) Hexachloroethane	6.942	117	1462	0.177 ug/ml#	59
17) n-Nitrosodi-n-propylamine	6.905	70	2061	0.163 ug/ml#	59
18) 3-Methylphenol/4-Methy...	6.927	108	2734	0.166 ug/ml#	97
20) Nitrobenzene	7.040	77	2740	0.146 ug/ml#	84
21) Isophorone	7.326	82	5492	0.169 ug/ml#	93
22) 2-Nitrophenol	7.401	139	1078	0.112 ug/ml#	81
23) 2,4-Dimethylphenol	7.498	107	2852	0.189 ug/ml	91
24) Bis(2-chloroethoxy)met...	7.596	93	4429	0.204 ug/ml#	87
25) 2,4-Dichlorophenol	7.660	162	2842	0.169 ug/ml#	93
26) 1,2,4-Trichlorobenzene	7.740	180	4103	0.210 ug/ml	93
36) Naphthalene	7.804	128	10315	0.187 ug/ml	98
37) Benzoic Acid	7.558	105	996	1.364 ug/ml#	49
38) 4-Chloroaniline	7.898	65	1298	0.210 ug/ml#	85
39) Hexachlorobutadiene	7.977	225	2316	0.199 ug/ml	90
40) p-Chloro-m-cresol	8.424	107	3265	0.226 ug/ml	93
41) 2-Methylnaphthalene	8.529	142	5962	0.162 ug/ml	91
42) 1-Methylnaphthalene	8.619	115	2560	0.216 ug/ml	88
43) Hexachlorocyclopentadiene	8.709	237	2688	0.210 ug/ml#	94
44) 2,4,6-Trichlorophenol	8.828	196	2186	0.163 ug/ml	99
45) 2,4,5-Trichlorophenol	8.858	196	2087	0.150 ug/ml	95
47) 2-Chloronaphthalene	9.008	162	7024	0.184 ug/ml	95
48) 2-Nitroaniline	9.121	138	1349	0.124 ug/ml	88
49) 1,4-Dinitrobenzene	9.266	168	137M3	0.025 ug/ml	
50) 1,3-Dinitrobenzene	9.329	168	645	0.106 ug/ml#	1
51) Dimethyl phthalate	9.329	163	8707	0.195 ug/ml#	94
52) Acenaphthylene	9.403	152	11483	0.201 ug/ml	99
53) 2,6-Dinitrotoluene	9.371	165	1069	0.118 ug/ml#	84
54) 1,2-Dinitrobenzene	9.414	168	452M3	0.115 ug/ml	
64) 3-Nitroaniline	9.519	138	1116	0.114 ug/ml#	8
65) Acenaphthene	9.582	154	7199	0.206 ug/ml	97
66) 2,4-Dinitrophenol	9.624	184	453M2	1.253 ug/ml	
67) Dibenzofuran	9.751	168	11345	0.201 ug/ml	95
68) 2,4-Dinitrotoluene	9.761	165	1526	0.121 ug/ml	91
69) 4-Nitrophenol	9.719	65	802	0.111 ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	9.842	232	1709	0.145 ug/ml	94

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL2.D
Acq On : 11 Mar 2025 7:34 pm
Operator : SV106:ljg
Sample : IL9,32,,ABNL0.2 Lot# 11432
Misc : WG2039658,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 06:21:39 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	9.884	232	1630	0.140 ug/ml	91
72) Diethyl phthalate	10.025	149	8034	0.175 ug/ml	98
73) Fluorene	10.082	166	8807	0.199 ug/ml	99
74) 4-Chlorophenyl phenyl ...	10.110	204	4689	0.207 ug/ml#	84
75) 4-Nitroaniline	10.110	138	1132	0.114 ug/ml	96
76) 4,6-Dinitro-o-cresol	10.152	198	708	0.419 ug/ml#	1
77) NDPA/DPA	10.223	169	6818	0.179 ug/ml	92
78) Azobenzene	10.258	77	6249	0.168 ug/ml#	86
80) 4-Bromophenyl phenyl e...	10.579	248	2810	0.200 ug/ml#	77
81) Hexachlorobenzene	10.624	284	3625	0.228 ug/ml#	78
82) Pentachlorophenol	10.821	266	1195	0.124 ug/ml	96
89) Phenanthrene	11.011	178	14503	0.205 ug/ml	98
90) Anthracene	11.056	178	13619	0.193 ug/ml	100
91) Carbazole	11.230	167	11418	0.179 ug/ml	96
92) Di-n-butylphthalate	11.624	149	10617	0.133 ug/ml#	92
93) Fluoranthene	12.163	202	15327	0.188 ug/ml#	93
94) Benzidine	12.323	184	2662	0.057 ug/ml#	68
95) Pyrene	12.379	202	15850	0.184 ug/ml	99
97) Butyl benzyl phthalate	13.101	149	3705	0.111 ug/ml	89
105) Benzo(a)anthracene	13.610	228	15401	0.181 ug/ml	97
106) 3,3'-Dichlorobenzidine	13.610	252	4031	0.144 ug/ml#	94
107) Chrysene	13.641	228	16544	0.203 ug/ml	97
108) Bis(2-ethylhexyl)phtha...	13.736	149	5363	0.105 ug/ml#	98
109) Di-n-octylphthalate	14.418	149	8598	0.101 ug/ml#	93
110) Benzo(b)fluoranthene	14.713	252	14819	0.180 ug/ml	99
111) Benzo(k)fluoranthene	14.737	252	15180M3	0.198 ug/ml	
112) Benzo(a)pyrene	15.024	252	13140	0.184 ug/ml#	95
114) Indeno(1,2,3-cd)pyrene	16.046	276	13369M6	0.164 ug/mL	
115) Dibenzo(a,h)anthracene	16.069	278	12895	0.167 ug/ml	98
116) Benzo(ghi)perylene	16.283	276	14447	0.199 ug/ml#	85

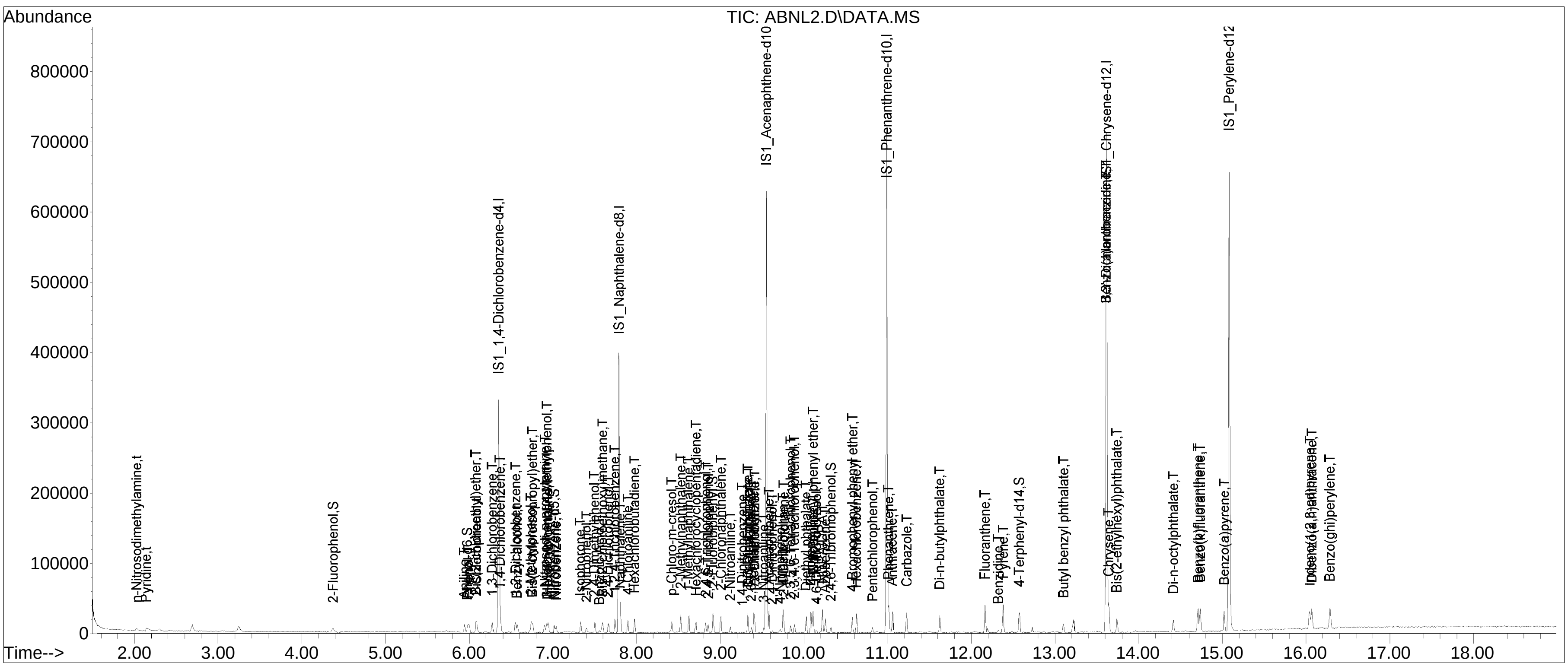
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL2.D
Acq On : 11 Mar 2025 7:34 pm
Operator : SV106:ljg
Sample : IL9,32,,ABNL0.2 Lot# 11432
Misc : WG2039658,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 06:21:39 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

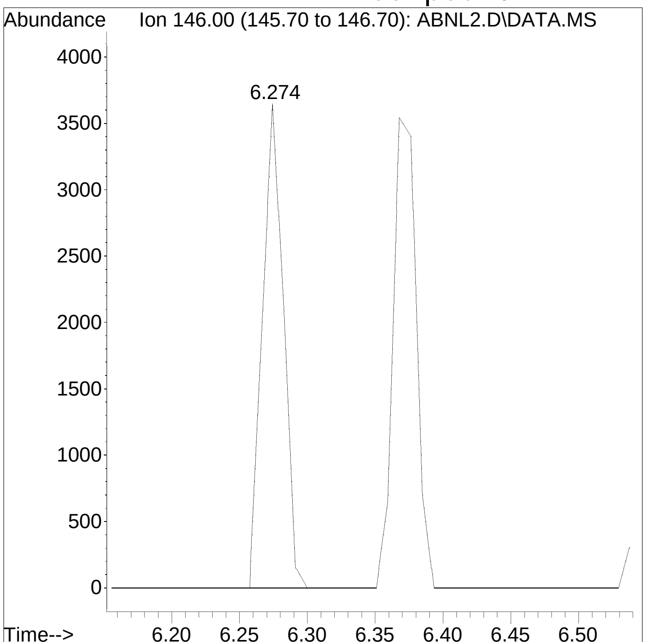
Sub List : ABNical - ABN ical sublistTical\AP9L6.D•

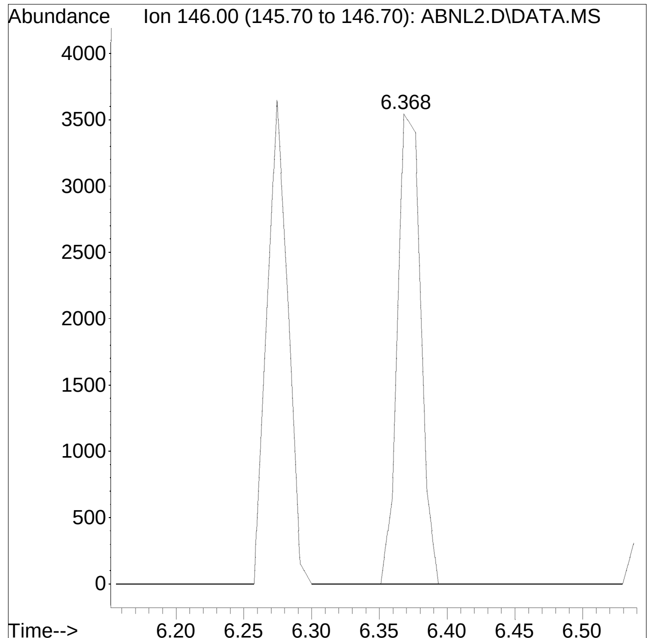


Manual Integration Report

Data Path	: I:\8270\SV106\250311RVTicaQ	Method	: FS250311SV106.m
Data File	: ABNL2.D	Operator	: SV106:ljg
Date Inj'd	: 3/11/2025 7:34 pm	Instrument	: SV 106
Sample	: IL9,32,,ABNL0.2 Lot# 11432	Quant Date	: 3/12/2025 6:14 am

Compound #11: 1,4-Dichlorobenzene





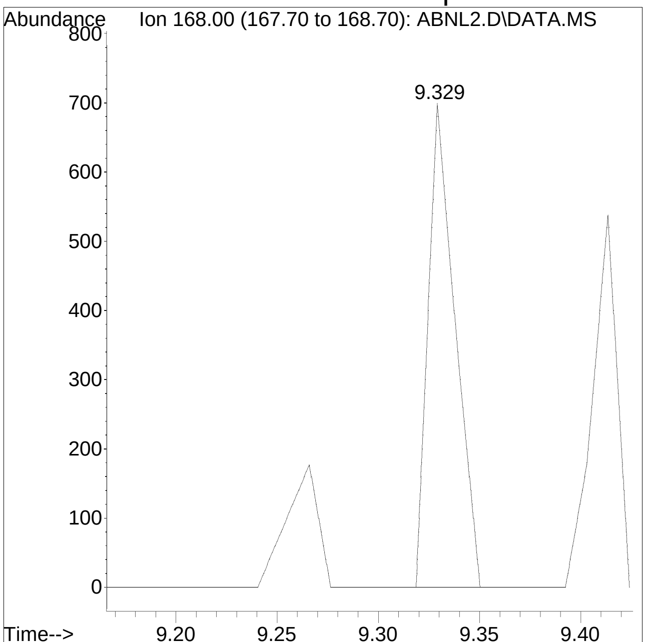
Original Peak Response = 3922 Manual Peak Response = 4232 M3

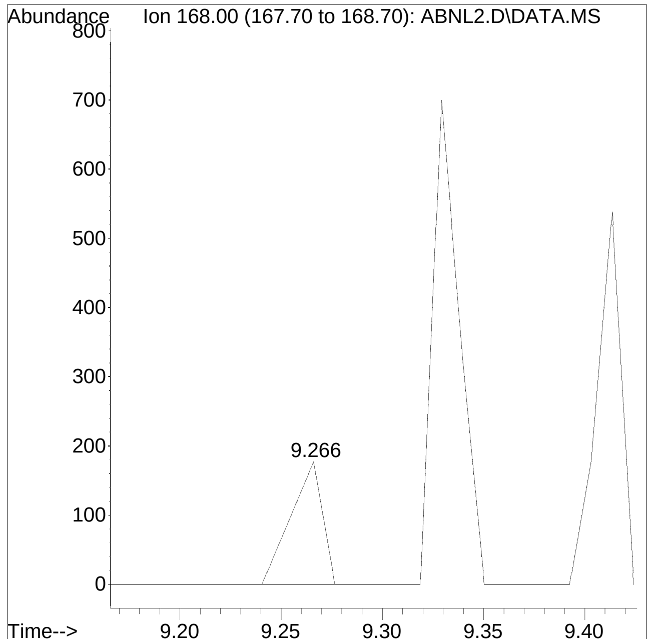
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL2.D                  Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  7:34 pm       Instrument  : SV 106
Sample      : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/12/2025  6:14 am
```

Compound #49: 1,4-Dinitrobenzene





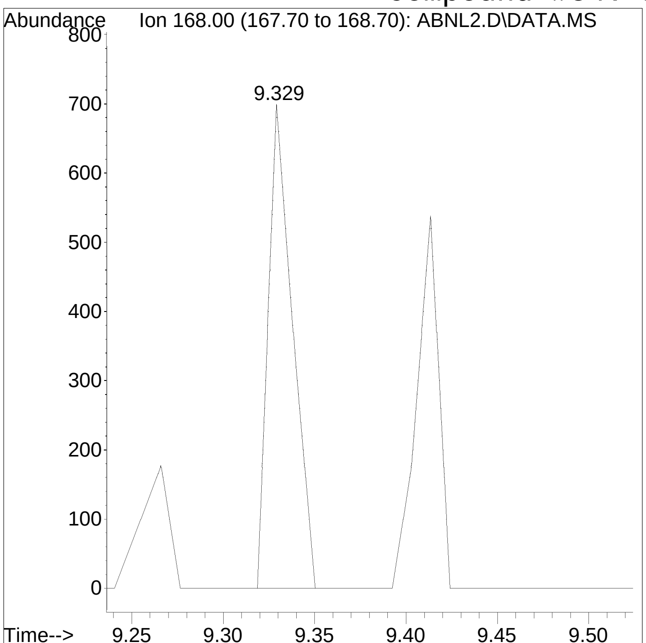
Original Peak Response = 645 Manual Peak Response = 137 M3

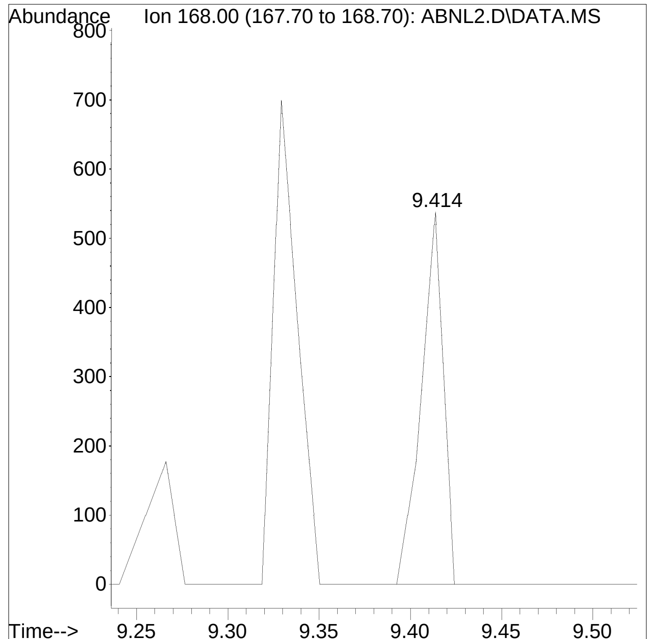
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File    : ABNL2.D                       Operator    : SV106:ljg
Date Inj'd   : 3/11/2025  7:34 pm            Instrument  : SV 106
Sample       : IL9,32,,ABNL0.2 Lot# 11432Quant Date  : 3/12/2025  6:14 am
```

Compound #54: 1,2-Dinitrobenzene





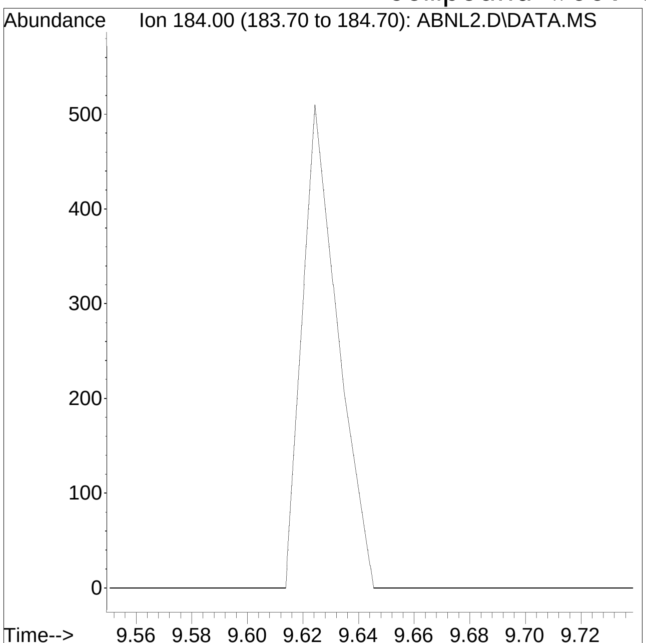
Original Peak Response = 645   Manual Peak Response = 452 M3

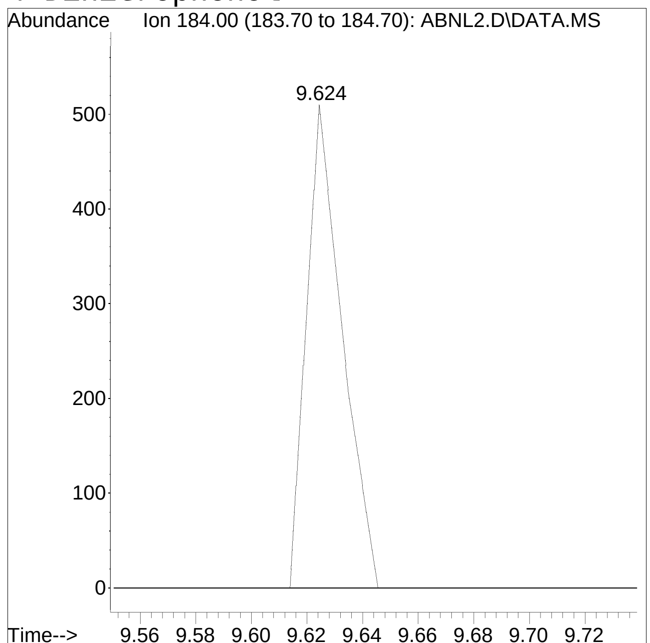
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod    : FS250311SV106.m
Data File   : ABNL2.D                  Operator   : SV106:ljg
Date Inj'd  : 3/11/2025  7:34 pm       Instrument : SV 106
Sample      : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/12/2025  6:14 am
```

Compound #66: 2,4-Dinitrophenol





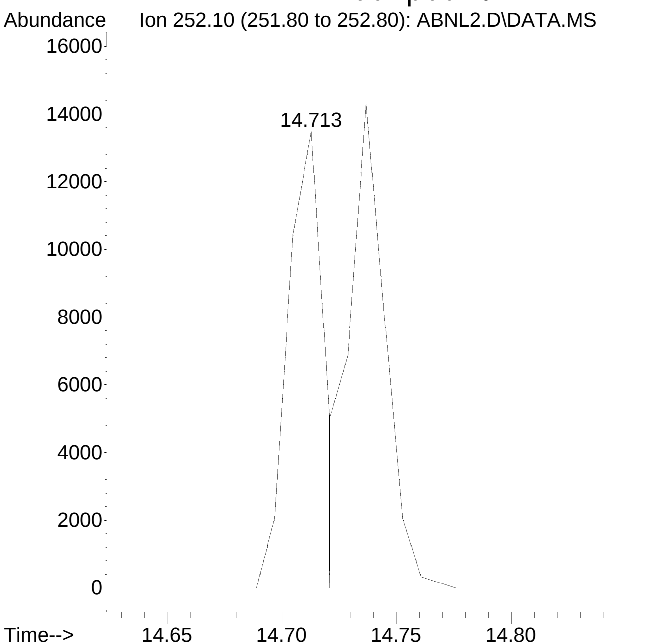
Original Peak Response = 0   Manual Peak Response = 453 M2

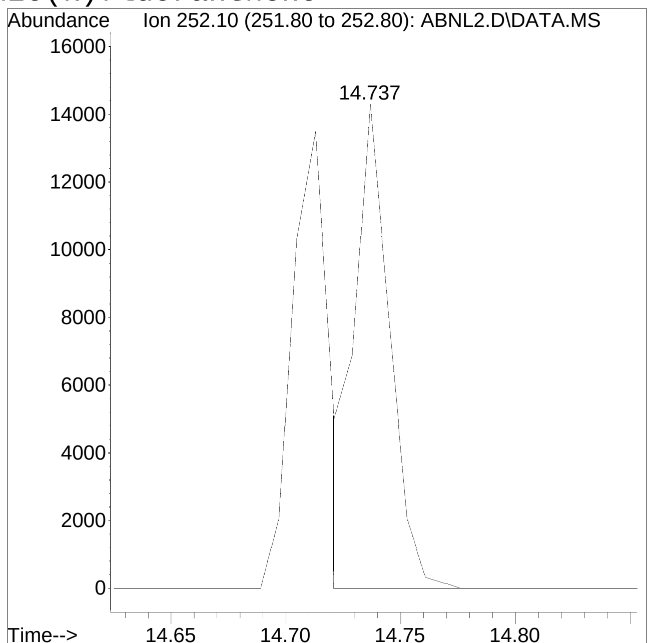
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL2.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 7:34 pm Instrument : SV 106
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/12/2025 6:14 am

Compound #111: Benzo(k)fluoranthene



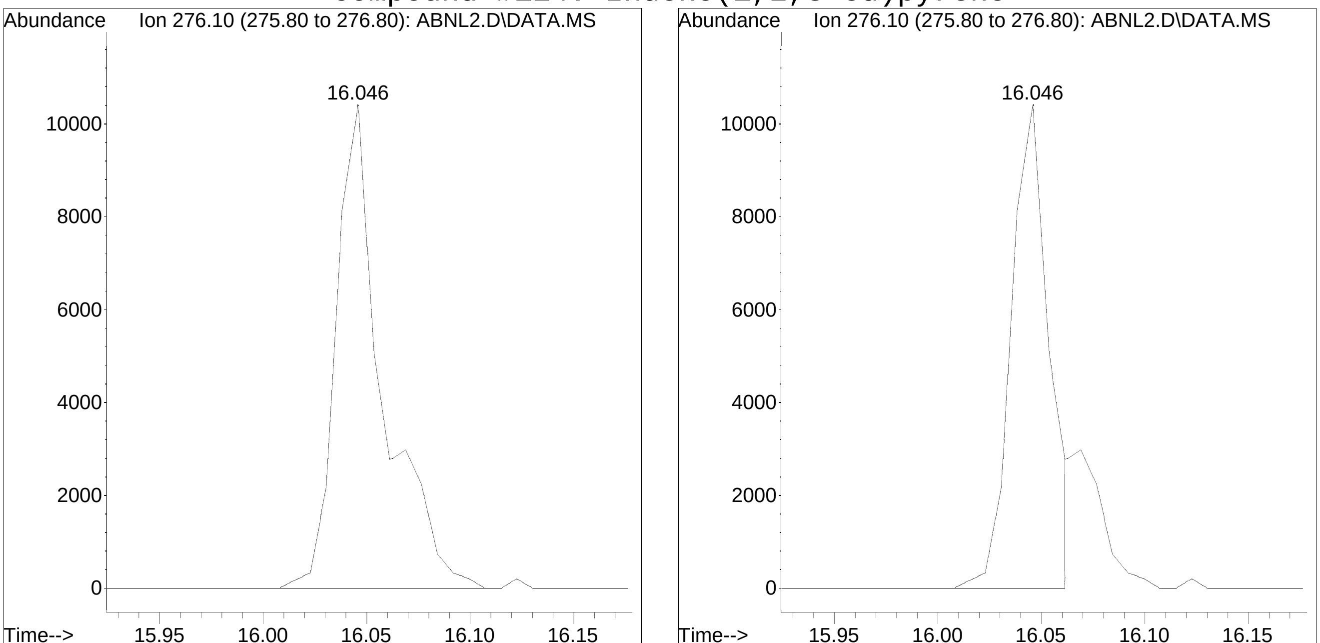


Original Peak Response = 14819 Manual Peak Response = 15180 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL2.D                  Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  7:34 pm       Instrument  : SV 106
Sample      : IL9,32,,ABNL0.2 Lot# 11432Quant Date  : 3/12/2025  6:14 am
```

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 16353   Manual Peak Response = 13369 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL1.D
Acq On    : 11 Mar 2025   7:58 pm
Operator  : SV106:ljg
Sample    : IL10,32,,ABNL0.1 Lot# 11433
Misc      : WG2039658,,ical
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Mar 12 06:20:26 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
  ---------------------------------------------------------------------------
  Internal Standards
  1) IS1_1,4-Dichlorobenzen...   6.351  152     58866     4.000 ug/ml    0.00
    Standard Area 1 = 55857                  Recovery   =  105.39%
 35) IS1_Naphthalene-d8          7.783  136    211995     4.000 ug/ml  # 0.00
    Standard Area 1 = 204785                  Recovery   =  103.52%
 63) IS1_Acenaphthene-d10        9.550  164    131728     4.000 ug/ml    0.00
    Standard Area 1 = 132560                  Recovery   =   99.37%
 88) IS1_Phenanthrene-d10       10.988  188    265789     4.000 ug/ml    0.00
    Standard Area 1 = 260564                  Recovery   =  102.01%
104) IS1_Chrysene-d12           13.617  240    266677     4.000 ug/ml    0.00
    Standard Area 1 = 281321                  Recovery   =   94.79%
113) IS1_Perylene-d12           15.079  264    284137     4.000 ug/ml    0.00
    Standard Area 1 = 300591                  Recovery   =   94.53%

  System Monitoring Compounds
  4) 2-Fluorophenol              4.377  112      1801     0.098 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =    4.90%#
  7) Phenol-d6                   5.985   99      2079     0.094 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =    4.70%#
 19) Nitrobenzene-d5             7.017   82      1581     0.079 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =    7.90%#
 46) 2-Fluorobiphenyl            8.911  172      5700     0.116 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   11.60%#
 79) 2,4,6-Tribromophenol       10.321  330       617     0.083 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =    4.15%#
 96) 4-Terphenyl-d14            12.576  244      7960     0.112 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   11.20%#

  Target Compounds                                                 Qvalue
  2) n-Nitrosodimethylamine      2.033   74      1152      0.103 ug/ml#    93
  3) Pyridine                    2.163   79      1971      0.110 ug/ml     87
  5) Aniline                     5.943   93      2112      0.081 ug/ml#    75
  6) 2-Chlorophenol              6.087  128      1763      0.088 ug/ml#    88
  8) Phenol                      5.994   94      2485      0.109 ug/ml     95
  9) Bis(2-chloroethyl)ether     6.079   93      1859      0.099 ug/ml#    68
 10) 1,3-Dichlorobenzene         6.274  146      2673      0.109 ug/ml#    85
 11) 1,4-Dichlorobenzene         6.376  146      2612M3    0.104 ug/ml
 12) 1,2-Dichlorobenzene         6.555  146      2175      0.091 ug/ml     94
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL1.D
Acq On : 11 Mar 2025 7:58 pm
Operator : SV106:ljg
Sample : IL10,32,,ABNL0.1 Lot# 11433
Misc : WG2039658,,ical
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 12 06:20:26 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
13) Benzyl alcohol	6.572	79	1377	0.088 ug/ml	89
14) Bis(2-chloroisopropyl)...	6.755	45	4549	0.154 ug/ml#	73
15) 2-Methylphenol	6.739	108	2091	0.126 ug/ml#	72
16) Hexachloroethane	6.942	117	876	0.097 ug/ml#	56
17) n-Nitrosodi-n-propylamine	6.905	70	1302	0.094 ug/ml#	59
18) 3-Methylphenol/4-Methy...	6.927	108	1706	0.095 ug/ml#	88
20) Nitrobenzene	7.040	77	1600	0.078 ug/ml#	83
21) Isophorone	7.325	82	3452	0.097 ug/ml#	65
22) 2-Nitrophenol	7.400	139	662	0.063 ug/ml#	31
23) 2,4-Dimethylphenol	7.506	107	1843	0.112 ug/ml	92
24) Bis(2-chloroethoxy)met...	7.595	93	2981	0.125 ug/ml#	87
25) 2,4-Dichlorophenol	7.660	162	1605	0.087 ug/ml	91
26) 1,2,4-Trichlorobenzene	7.739	180	2501	0.117 ug/ml#	78
36) Naphthalene	7.804	128	6568	0.110 ug/ml	98
37) Benzoic Acid	7.558	105	392M2	1.319 ug/ml	
38) 4-Chloroaniline	7.898	65	710	0.106 ug/ml#	88
39) Hexachlorobutadiene	7.977	225	1521	0.120 ug/ml	96
40) p-Chloro-m-cresol	8.424	107	1871	0.119 ug/ml#	87
41) 2-Methylnaphthalene	8.529	142	3751	0.094 ug/ml	96
42) 1-Methylnaphthalene	8.626	115	1491	0.116 ug/ml	96
43) Hexachlorocyclopentadiene	8.708	237	1772	0.128 ug/ml#	88
44) 2,4,6-Trichlorophenol	8.828	196	1481	0.102 ug/ml#	76
45) 2,4,5-Trichlorophenol	8.858	196	1369	0.091 ug/ml#	75
47) 2-Chloronaphthalene	9.008	162	4847	0.117 ug/ml	92
48) 2-Nitroaniline	9.120	138	704	0.059 ug/ml	95
49) 1,4-Dinitrobenzene	0.000		0	N.D.	
50) 1,3-Dinitrobenzene	9.329	168	219M2	0.033 ug/ml	
51) Dimethyl phthalate	9.329	163	5746	0.119 ug/ml#	77
52) Acenaphthylene	9.403	152	7353	0.119 ug/ml	98
53) 2,6-Dinitrotoluene	9.371	165	592	0.060 ug/ml#	1
54) 1,2-Dinitrobenzene	9.413	168	183M2	0.043 ug/ml	
64) 3-Nitroaniline	9.519	138	814	0.077 ug/ml#	22
65) Acenaphthene	9.582	154	4932	0.129 ug/ml	96
66) 2,4-Dinitrophenol	9.624	184	150M2	1.212 ug/ml	
67) Dibenzofuran	9.751	168	7145	0.116 ug/ml	92
68) 2,4-Dinitrotoluene	9.761	165	775	0.056 ug/ml#	63
69) 4-Nitrophenol	9.719	65	592	0.075 ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	9.849	232	1159	0.090 ug/ml#	68

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL1.D
Acq On : 11 Mar 2025 7:58 pm
Operator : SV106:ljg
Sample : IL10,32,,ABNL0.1 Lot# 11433
Misc : WG2039658,,ical
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 12 06:20:26 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	9.884	232	1124	0.089 ug/ml#	61
72) Diethyl phthalate	10.025	149	4618	0.092 ug/ml#	94
73) Fluorene	10.089	166	5307	0.110 ug/ml	97
74) 4-Chlorophenyl phenyl ...	10.110	204	2986	0.121 ug/ml#	84
75) 4-Nitroaniline	10.117	138	711	0.066 ug/ml#	57
76) 4,6-Dinitro-o-cresol	10.152	198	502	0.392 ug/ml#	1
77) NDPA/DPA	10.223	169	4368	0.105 ug/ml	92
78) Azobenzene	10.258	77	3937	0.097 ug/ml	97
80) 4-Bromophenyl phenyl e...	10.579	248	1839	0.120 ug/ml#	76
81) Hexachlorobenzene	10.624	284	1943	0.112 ug/ml#	82
82) Pentachlorophenol	10.821	266	603	0.057 ug/ml#	19
89) Phenanthrene	11.010	178	9748M3	0.125 ug/ml	
90) Anthracene	11.056	178	8461	0.109 ug/ml	98
91) Carbazole	11.230	167	6688	0.096 ug/ml#	93
92) Di-n-butylphthalate	11.624	149	6922	0.079 ug/ml#	92
93) Fluoranthene	12.163	202	10090	0.112 ug/ml#	92
94) Benzidine	12.322	184	897	0.017 ug/ml#	68
95) Pyrene	12.379	202	10786	0.114 ug/ml	96
97) Butyl benzyl phthalate	13.101	149	2130	0.058 ug/ml#	87
105) Benzo(a)anthracene	13.609	228	9892	0.108 ug/ml	97
106) 3,3'-Dichlorobenzidine	13.609	252	2443	0.081 ug/ml#	89
107) Chrysene	13.641	228	10423	0.118 ug/ml	94
108) Bis(2-ethylhexyl)phtha...	13.736	149	3322	0.060 ug/ml#	94
109) Di-n-octylphthalate	14.418	149	5178	0.057 ug/ml#	88
110) Benzo(b)fluoranthene	14.713	252	9140	0.103 ug/ml#	96
111) Benzo(k)fluoranthene	14.737	252	9658	0.117 ug/ml#	93
112) Benzo(a)pyrene	15.024	252	8002	0.104 ug/ml#	94
114) Indeno(1,2,3-cd)pyrene	16.046	276	7771M6	0.090 ug/mL	
115) Dibenzo(a,h)anthracene	16.069	278	8096	0.099 ug/ml#	92
116) Benzo(ghi)perylene	16.283	276	8031	0.105 ug/ml#	89

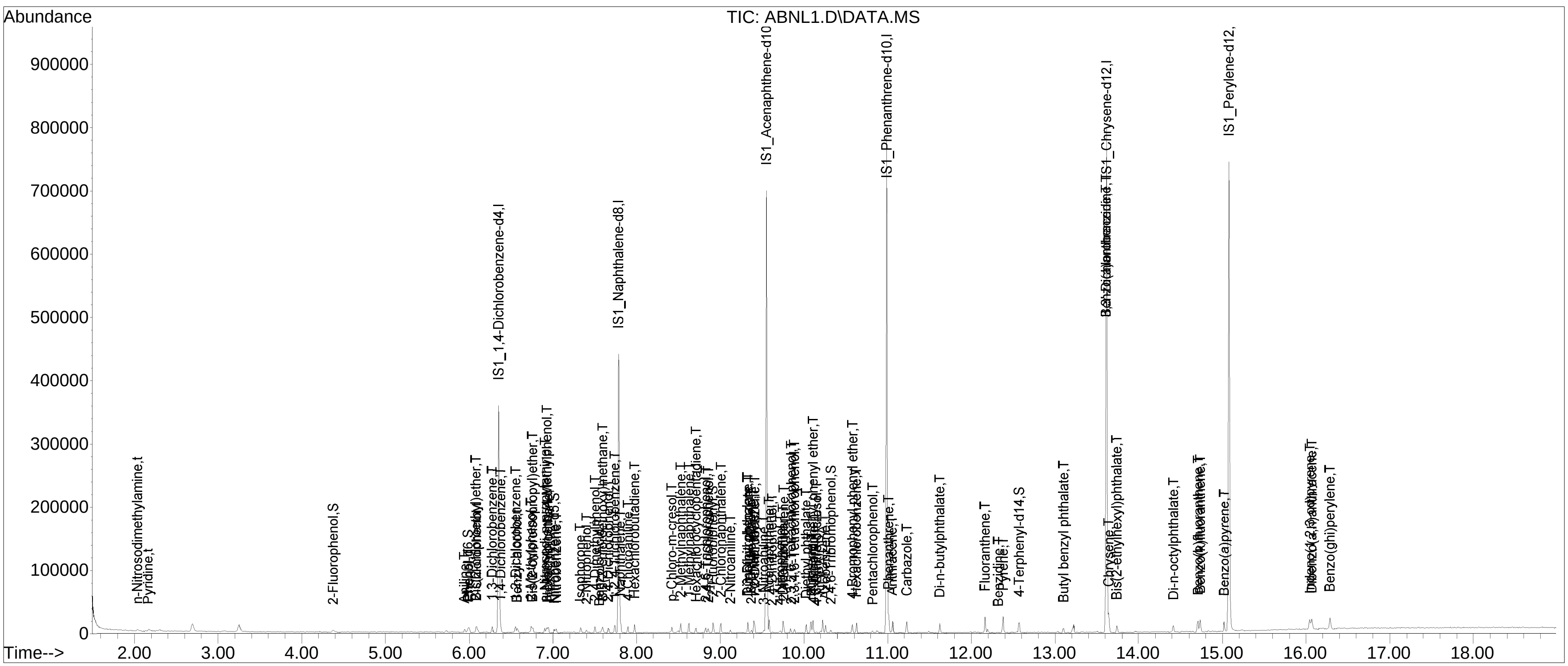
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNL1.D
Acq On : 11 Mar 2025 7:58 pm
Operator : SV106:ljg
Sample : IL10,32,,ABNL0.1 Lot# 11433
Misc : WG2039658,,ical
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 12 06:20:26 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 06:11:40 2025
Response via : Initial Calibration

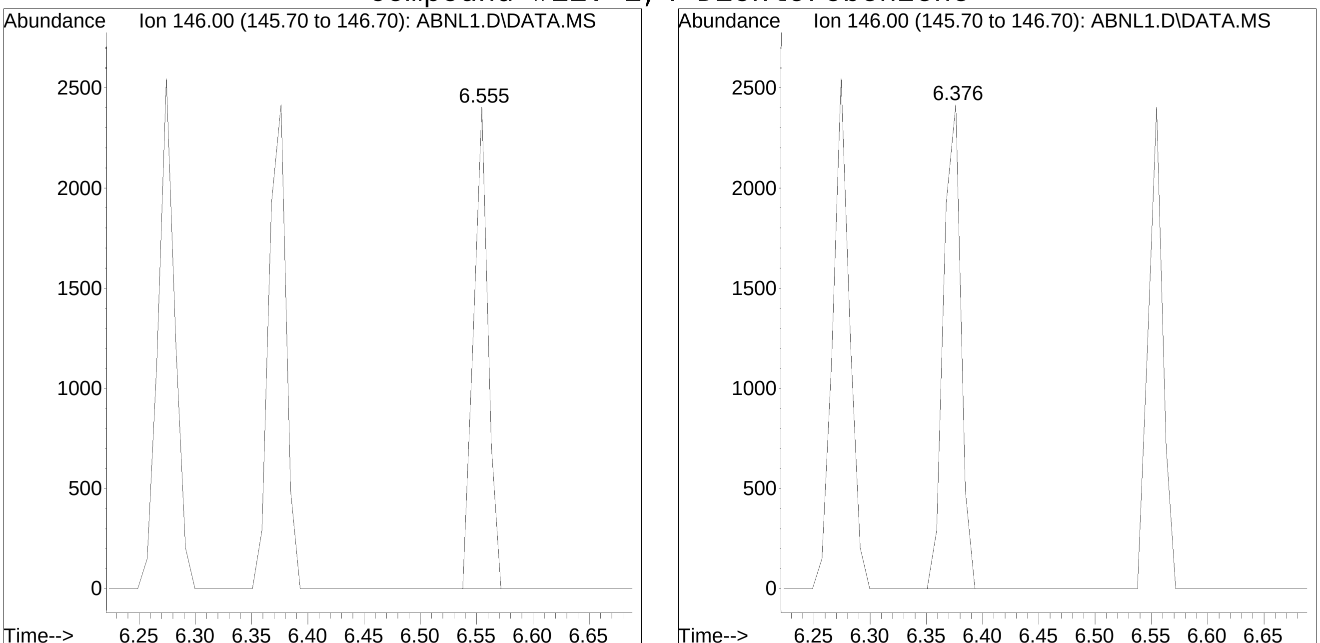
Sub List : ABNical - ABN ical sublistTical\AP9L6.D•



Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL1.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 7:58 pm Instrument : SV 106
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/12/2025 6:14 am

Compound #11: 1,4-Dichlorobenzene



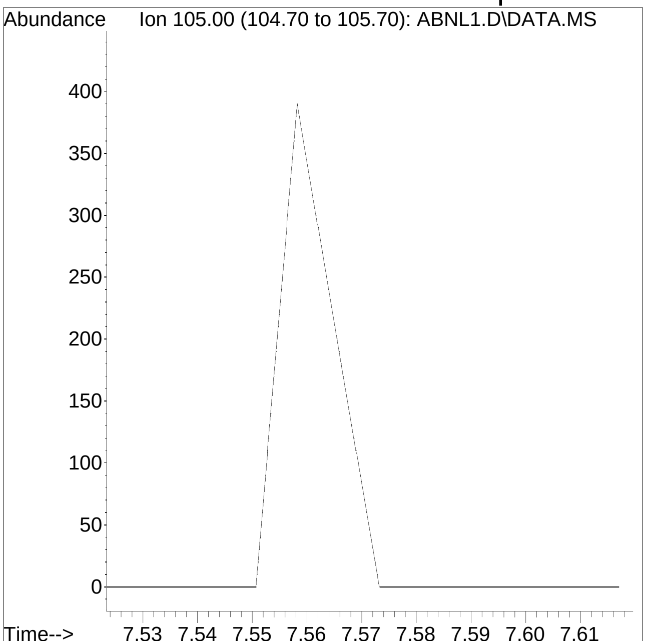
Original Peak Response = 2175 Manual Peak Response = 2612 M3

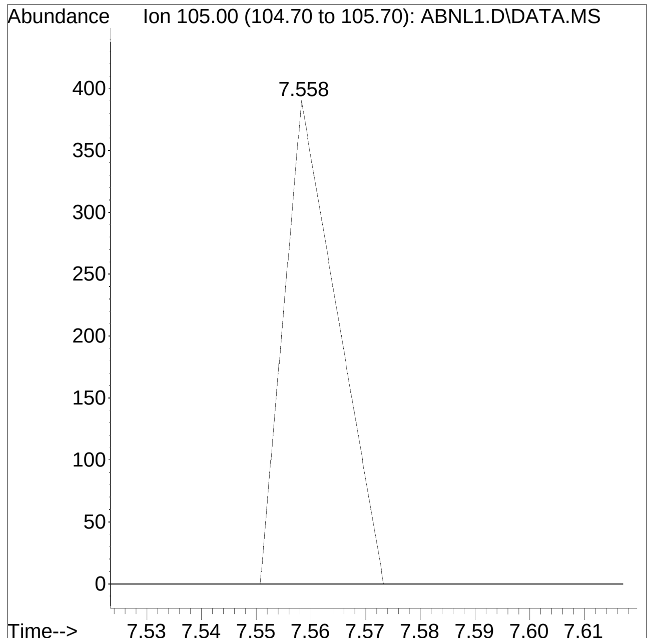
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL1.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 7:58 pm Instrument : SV 106
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/12/2025 6:14 am

Compound #37: Benzoic Acid



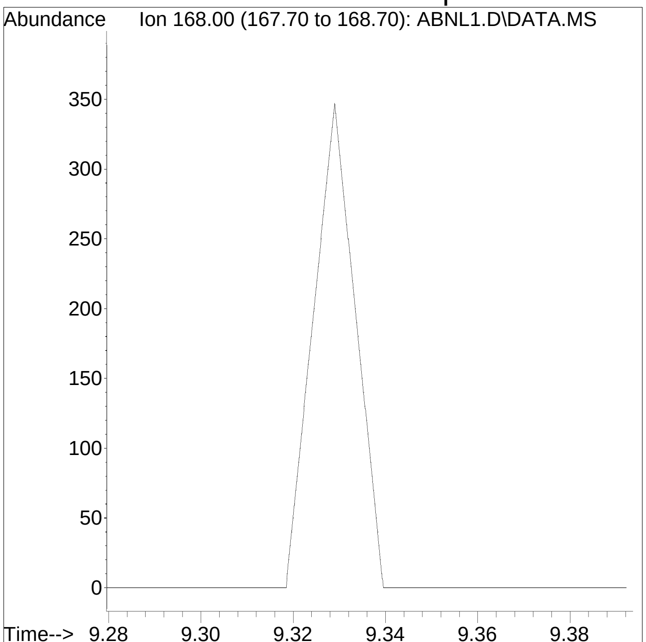


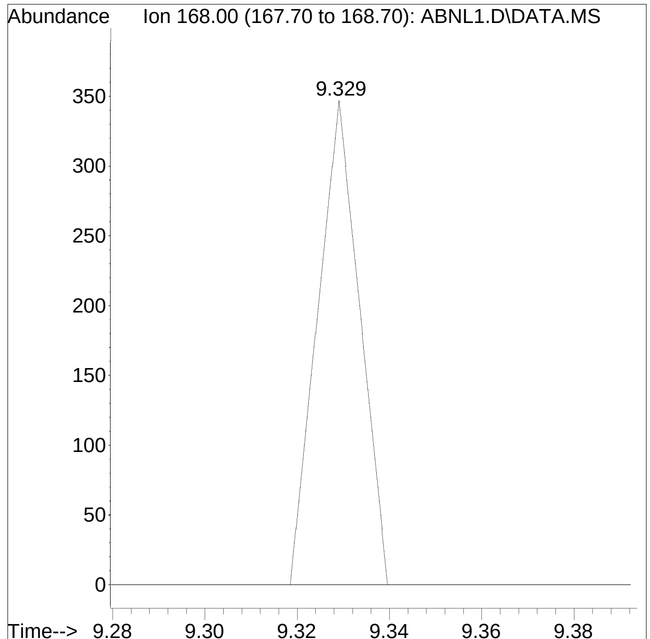
Original Peak Response = 0 Manual Peak Response = 392 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL1.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 7:58 pm Instrument : SV 106
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/12/2025 6:14 am

Compound #50: 1,3-Dinitrobenzene



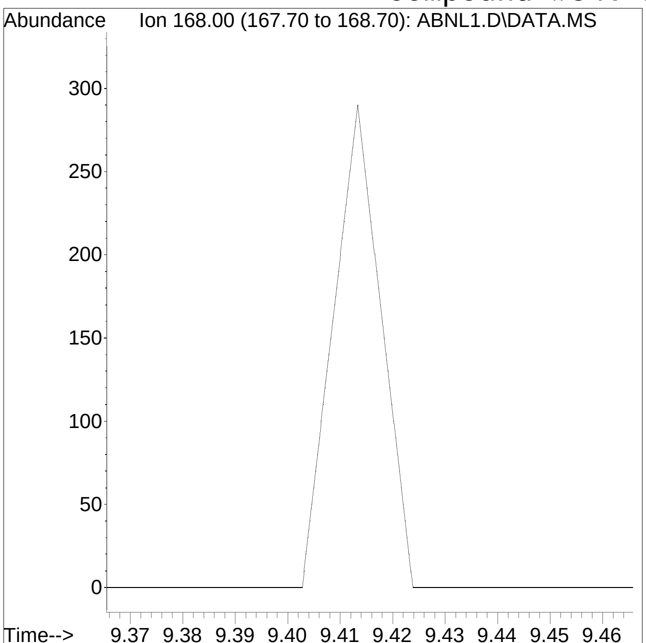


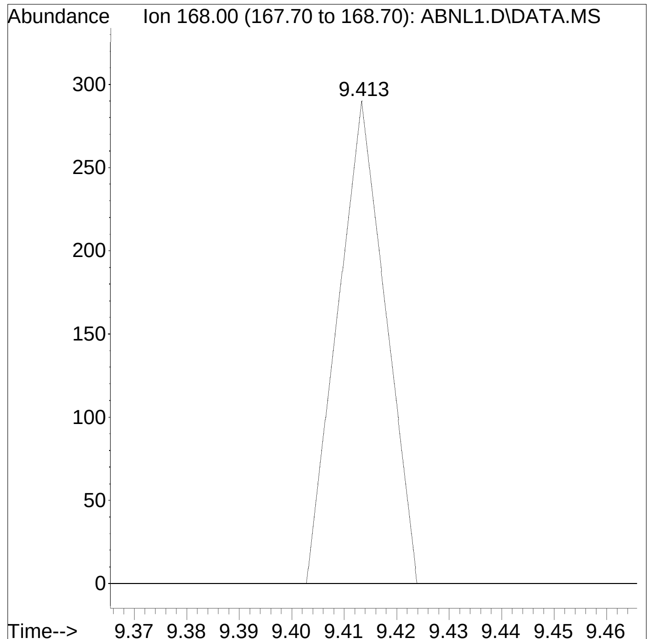
Original Peak Response = 0 Manual Peak Response = 219 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL1.D                      Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  7:58 pm           Instrument  : SV 106
Sample      : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/12/2025  6:14 am
```

Compound #54: 1,2-Dinitrobenzene





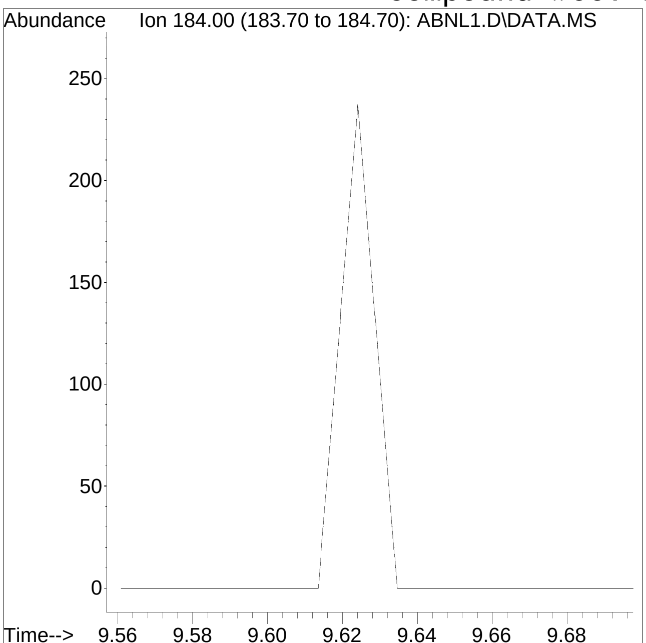
Original Peak Response = 0   Manual Peak Response = 183 M2

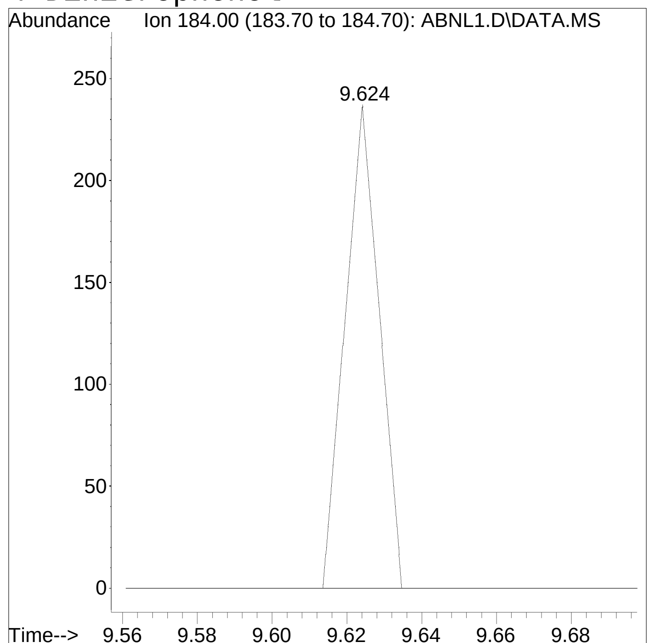
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNL1.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 7:58 pm Instrument : SV 106
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/12/2025 6:14 am

Compound #66: 2,4-Dinitrophenol



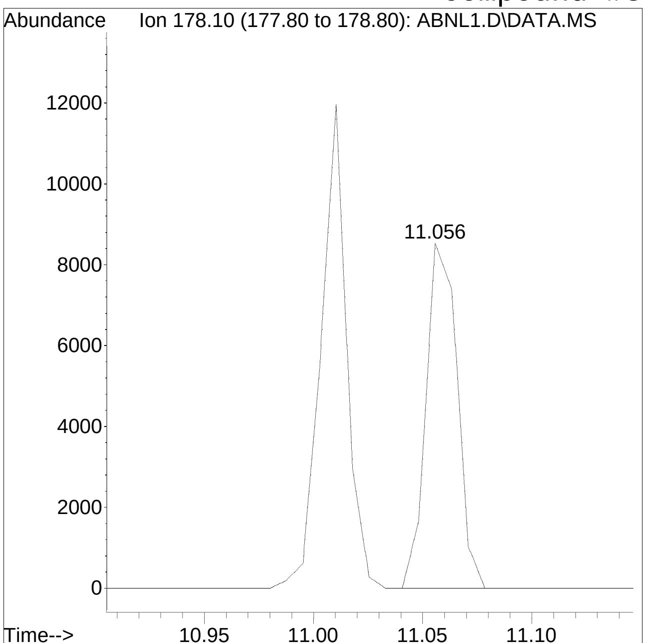


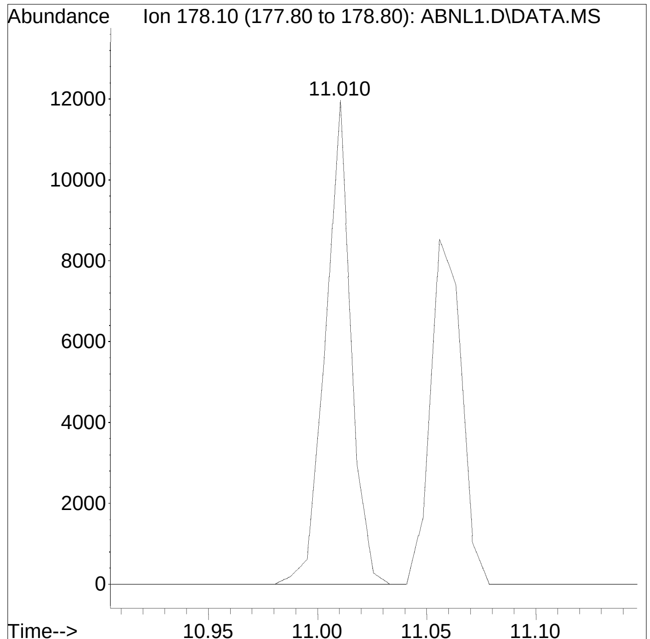
Original Peak Response = 0 Manual Peak Response = 150 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ABNL1.D                      Operator    : SV106:ljg
Date Inj'd  : 3/11/2025  7:58 pm           Instrument  : SV 106
Sample      : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/12/2025  6:14 am
```

Compound #89: Phenanthrene





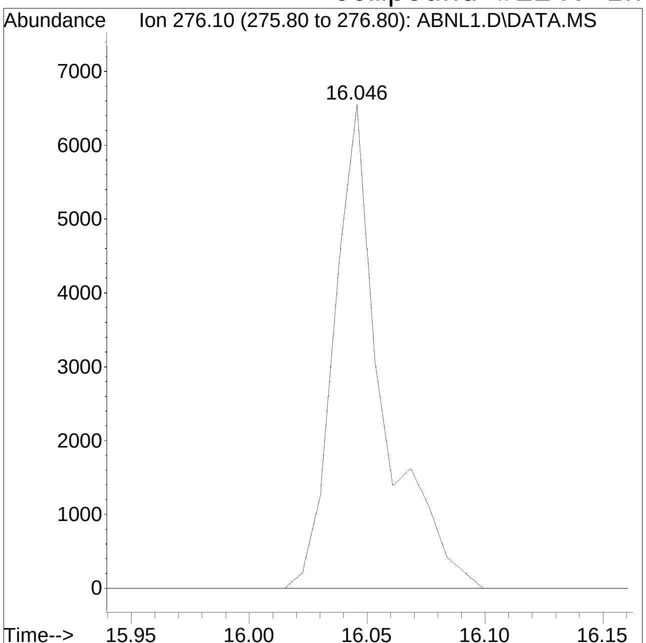
Original Peak Response = 8461   Manual Peak Response = 9748 M3

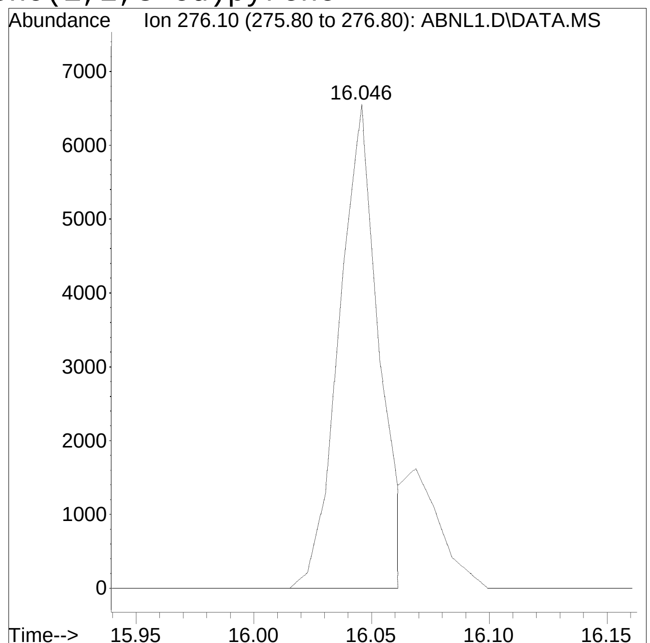
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\SV106\250311RVTicaQ	Method	: FS250311SV106.m
Data File	: ABNL1.D	Operator	: SV106:ljg
Date Inj'd	: 3/11/2025 7:58 pm	Instrument	: SV 106
Sample	: IL10,32,,ABNL0.1 Lot# 1143	Quant Date	: 3/12/2025 6:14 am

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 9310

Manual Peak Response = 7771 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNICV.D
Acq On : 11 Mar 2025 10:18 pm
Operator : SV106:ljg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2039658,,ical
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 12:20:40 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	100	0.00
2	t	n-Nitrosodimethylamine		0.718	0.747	-4.0	106	0.00
3	t	Pyridine		1.251	0.932	25.5#	81	0.00
4	S	2-Fluorophenol		1.128	1.179	-4.5	106	0.00
5	T	Aniline		1.738	1.870	-7.6	103	0.00
6	t	2-Chlorophenol		1.218	1.291	-6.0	107	0.00
7	S	Phenol-d6		1.323	1.425	-7.7	109	0.00
8	T	Phenol		1.459	1.543	-5.8	108	0.00
9	T	Bis(2-chloroethyl)ether		1.159	1.236	-6.6	109	0.00
10	T	1,3-Dichlorobenzene		1.540	1.642	-6.6	112	0.00
11	T	1,4-Dichlorobenzene		1.574	1.637	-4.0	106	0.00
12	T	1,2-Dichlorobenzene		1.490	1.575	-5.7	110	0.00
13	t	Benzyl alcohol		0.910	0.940	-3.3	103	0.00
14	T	Bis(2-chloroisopropyl)ether		2.704	3.081	-13.9	118	0.00
15	T	2-Methylphenol		1.283	1.331	-3.7	108	0.00
16	T	Hexachloroethane		0.546	0.580	-6.2	107	0.00
17	T	n-Nitrosodi-n-propylamine		0.855	0.900	-5.3	106	0.00
18	T	3-Methylphenol/4-Methylphen		1.110	1.198	-7.9	108	0.00
19	S	Nitrobenzene-d5		1.096	1.092	0.4	99	0.00
20	T	Nitrobenzene		1.118	1.119	-0.1	98	0.00
21	T	Isophorone		2.296	2.405	-4.7	105	0.00
22	T	2-Nitrophenol		0.509	0.472	7.3	92	0.00
23	T	2,4-Dimethylphenol		1.198	1.282	-7.0	104	0.00
24	T	Bis(2-chloroethoxy)methane		1.639	1.372	16.3	93	0.00
25	T	2,4-Dichlorophenol		1.137	1.215	-6.9	105	0.00
26	T	1,2,4-Trichlorobenzene		1.457	1.484	-1.9	107	0.00
35	I	IS1_Naphthalene-d8		1.000	1.000	0.0	101	0.00
36	T	Naphthalene		1.066	1.108	-3.9	110	0.00
37	T	Benzoic Acid	*	5.000	3.503	29.9#	92	0.00
38	T	4-Chloroaniline		0.132	0.141	-6.8	107	0.00
39	T	Hexachlorobutadiene		0.244	0.243	0.4	102	0.00
40	T	p-Chloro-m-cresol		0.325	0.320	1.5	104	0.00
41	T	2-Methylnaphthalene		0.638	0.686	-7.5	111	0.00
42	T	1-Methylnaphthalene		0.245	0.250	-2.0	108	0.00
43	T	Hexachlorocyclopentadiene		0.300	0.289	3.7	98	0.00
44	T	2,4,6-Trichlorophenol		0.251	0.240	4.4	96	0.00
45	T	2,4,5-Trichlorophenol		0.255	0.288	-12.9	110	0.00
46	S	2-Fluorobiphenyl		0.923	0.949	-2.8	107	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNICV.D
Acq On : 11 Mar 2025 10:18 pm
Operator : SV106:ljg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2039658,,ical
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 12:20:40 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.756	0.785	-3.8	108	0.00
48	T	2-Nitroaniline		0.166	0.168	-1.2	97	0.00
49	T	1,4-Dinitrobenzene	*	5.000	3.021	39.6#	51	0.00
50	T	1,3-Dinitrobenzene		0.104	0.094	9.6	95	0.00
51	T	Dimethyl phthalate		0.908	0.951	-4.7	106	0.00
52	T	Acenaphthylene		1.201	1.287	-7.2	110	0.00
53	T	2,6-Dinitrotoluene		0.151	0.172	-13.9	97	0.00
54	T	1,2-Dinitrobenzene		0.063	0.066	-4.8	96	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	98	0.00
64	T	3-Nitroaniline		0.252	0.271	-7.5	100	-0.01
65	T	Acenaphthene		1.101	1.095	0.5	105	0.00
66	T	2,4-Dinitrophenol	*	5.000	4.704	5.9	103	0.00
67	T	Dibenzofuran		1.914	1.878	1.9	109	0.00
68	T	2,4-Dinitrotoluene	*	5.000	4.642	7.2	95	0.00
69	T	4-Nitrophenol		0.192	0.209	-8.9	103	-0.01
70	T	2,3,5,6-Tetrachlorophenol		0.365	0.509	-39.5#	141	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.344	0.373	-8.4	105	0.00
72	T	Diethyl phthalate		1.359	1.427	-5.0	104	0.00
73	T	Fluorene		1.410	1.469	-4.2	107	0.00
74	T	4-Chlorophenyl phenyl ether		0.738	0.743	-0.7	106	0.00
75	T	4-Nitroaniline		0.246	0.258	-4.9	97	0.00
76	T	4,6-Dinitro-o-cresol	*	5.000	4.140	17.2	95	0.00
77	T	NDPA/DPA		1.176	1.247	-6.0	108	0.00
78	T	Azobenzene		1.121	1.217	-8.6	108	0.00
79	S	2,4,6-Tribromophenol		0.206	0.221	-7.3	101	0.00
80	T	4-Bromophenyl phenyl ether		0.463	0.455	1.7	102	0.00
81	T	Hexachlorobenzene		0.543	0.542	0.2	106	0.00
82	T	Pentachlorophenol		0.282	0.268	5.0	95	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	98	0.00
89	T	Phenanthrene		1.135	1.174	-3.4	108	0.00
90	T	Anthracene		1.107	1.189	-7.4	107	0.00
91	T	Carbazole		0.989	1.081	-9.3	106	0.00
92	T	Di-n-butylphthalate		1.116	1.329	-19.1	117	0.00
93	T	Fluoranthene		1.298	1.388	-6.9	108	0.00
94	T	Benzidine		0.704	0.825	-17.2	109	0.00
95	T	Pyrene		1.359	1.446	-6.4	107	0.00
96	S	4-Terphenyl-d14		1.038	1.111	-7.0	109	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNICV.D
Acq On : 11 Mar 2025 10:18 pm
Operator : SV106:ljg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2039658,,ical
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 12:20:40 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	*	5.000	4.295	14.1	96	0.00
104	I	IS1_Chrysene-d12		1.000	1.000	0.0	100	0.00
105	T	Benzo(a)anthracene		1.278	1.357	-6.2	111	0.00
106	T	3,3'-Dichlorobenzidine		0.429	0.511	-19.1	112	0.00
107	T	Chrysene		1.267	1.225	3.3	103	0.00
108	T	Bis(2-ethylhexyl)phthalate	*	5.000	4.614	7.7	102	0.00
109	T	Di-n-octylphthalate	*	5.000	4.265	14.7	99	0.00
110	T	Benzo(b)fluoranthene		1.314	1.500	-14.2	112	0.00
111	T	Benzo(k)fluoranthene		1.222	1.186	2.9	100	-0.02
112	T	Benzo(a)pyrene		1.157	1.260	-8.9	107	0.00
113	I	IS1_Perylene-d12		1.000	1.000	0.0	99	0.00
114	T	Indeno(1,2,3-cd)pyrene		1.068	1.151	-7.8	100	0.00
115	T	Dibenzo(a,h)anthracene		1.063	1.179	-10.9	106	-0.02
116	T	Benzo(ghi)perylene		1.047	1.128	-7.7	104	-0.02

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNICV.D
Acq On : 11 Mar 2025 10:18 pm
Operator : SV106:ljg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2039658,,ical
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 12:20:40 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

```
        Compound                      R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------------
  Internal Standards
  1) IS1_1,4-Dichlorobenzen...   6.351  152     55635     4.000 ug/ml    0.00
    Standard Area 1 = 55857                  Recovery   =   99.60%
 35) IS1_Naphthalene-d8          7.782  136    206444     4.000 ug/ml  # 0.00
    Standard Area 1 = 204785                  Recovery   =  100.81%
 63) IS1_Acenaphthene-d10        9.550  164    130053     4.000 ug/ml    0.00
    Standard Area 1 = 132560                  Recovery   =   98.11%
 88) IS1_Phenanthrene-d10       10.988  188    255579     4.000 ug/ml  # 0.00
    Standard Area 1 = 260564                  Recovery   =   98.09%
104) IS1_Chrysene-d12           13.609  240    280312     4.000 ug/ml    0.00
    Standard Area 1 = 281321                  Recovery   =   99.64%
113) IS1_Perylene-d12           15.071  264    296085     4.000 ug/ml    0.00
    Standard Area 1 = 300591                  Recovery   =   98.50%

  System Monitoring Compounds
  4) 2-Fluorophenol              4.377  112     81992     5.225 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  261.25%#
  7) Phenol-d6                   5.977   99     99086     5.386 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  269.30%#
 19) Nitrobenzene-d5             7.017   82     75927     4.982 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  498.20%#
 46) 2-Fluorobiphenyl            8.911  172    244997     5.141 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  514.10%#
 79) 2,4,6-Tribromophenol       10.321  330     35854     5.362 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  268.10%#
 96) 4-Terphenyl-d14            12.566  244    354778     5.351 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  535.10%#

  Target Compounds                                                    Qvalue
  2) n-Nitrosodimethylamine      2.004   74      51950      5.201 ug/ml     88
  3) Pyridine                    2.062   79      64794      3.725 ug/ml     80
  5) Aniline                     5.943   93     130036      5.379 ug/ml     98
  6) 2-Chlorophenol              6.079  128      89808      5.302 ug/ml     95
  8) Phenol                      5.994   94     107273      5.286 ug/ml     99
  9) Bis(2-chloroethyl)ether     6.070   93      85977      5.332 ug/ml#    75
 10) 1,3-Dichlorobenzene         6.274  146     114203      5.331 ug/ml     96
 11) 1,4-Dichlorobenzene         6.368  146     113836      5.198 ug/ml     98
 12) 1,2-Dichlorobenzene         6.554  146     109498      5.282 ug/ml     96
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNICV.D
Acq On : 11 Mar 2025 10:18 pm
Operator : SV106:ljg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2039658,,ical
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 12:20:40 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
13) Benzyl alcohol	6.563	79	65361	5.162 ug/ml	95
14) Bis(2-chloroisopropyl)...	6.747	45	214270	5.697 ug/ml#	72
15) 2-Methylphenol	6.739	108	92542	5.188 ug/ml	97
16) Hexachloroethane	6.942	117	40367	5.314 ug/ml#	58
17) n-Nitrosodi-n-propylamine	6.897	70	62622	5.268 ug/ml	93
18) 3-Methylphenol/4-Methy...	6.927	108	83330	5.397 ug/ml	97
20) Nitrobenzene	7.032	77	77805	5.002 ug/ml	99
21) Isophorone	7.318	82	167265	5.239 ug/ml	98
22) 2-Nitrophenol	7.393	139	32856	4.641 ug/ml	90
23) 2,4-Dimethylphenol	7.498	107	89154	5.349 ug/ml	97
24) Bis(2-chloroethoxy)met...	7.595	93	95427	4.187 ug/ml	97
25) 2,4-Dichlorophenol	7.660	162	84500	5.343 ug/ml#	94
26) 1,2,4-Trichlorobenzene	7.739	180	103236	5.093 ug/ml	98
36) Naphthalene	7.804	128	286040	5.198 ug/ml	99
37) Benzoic Acid	7.573	105	23560	3.503 ug/ml	97
38) 4-Chloroaniline	7.890	65	36407	5.360 ug/ml	87
39) Hexachlorobutadiene	7.977	225	62724	4.984 ug/ml	99
40) p-Chloro-m-cresol	8.424	107	82686	4.929 ug/ml	95
41) 2-Methylnaphthalene	8.528	142	176905	5.375 ug/ml	95
42) 1-Methylnaphthalene	8.618	115	64481	5.104 ug/ml	97
43) Hexachlorocyclopentadiene	8.708	237	74521	4.815 ug/ml	97
44) 2,4,6-Trichlorophenol	8.828	196	61811	4.768 ug/ml	97
45) 2,4,5-Trichlorophenol	8.851	196	74264	5.646 ug/ml	96
47) 2-Chloronaphthalene	9.000	162	202516	5.187 ug/ml	95
48) 2-Nitroaniline	9.120	138	43241	5.040 ug/ml	87
49) 1,4-Dinitrobenzene	9.266	168	1972M3	3.021 ug/ml	
50) 1,3-Dinitrobenzene	9.329	168	24161	4.491 ug/ml#	1
51) Dimethyl phthalate	9.329	163	245370	5.233 ug/ml#	98
52) Acenaphthylene	9.403	152	332051	5.355 ug/ml	99
53) 2,6-Dinitrotoluene	9.371	165	44259	5.688 ug/ml#	76
54) 1,2-Dinitrobenzene	9.413	168	17122	5.256 ug/ml#	1
64) 3-Nitroaniline	9.519	138	44052	5.371 ug/ml#	92
65) Acenaphthene	9.582	154	177976	4.970 ug/ml	91
66) 2,4-Dinitrophenol	9.624	184	19873	4.704 ug/ml#	84
67) Dibenzofuran	9.751	168	305266	4.906 ug/ml#	81
68) 2,4-Dinitrotoluene	9.761	165	52324	4.642 ug/ml	89
69) 4-Nitrophenol	9.708	65	33937	5.424 ug/ml#	35
70) 2,3,5,6-Tetrachlorophenol	9.842	232	82818	6.974 ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNICV.D
Acq On : 11 Mar 2025 10:18 pm
Operator : SV106:ljg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2039658,,ical
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 12:20:40 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	9.884	232	60689	5.424	ug/ml	98
72) Diethyl phthalate	10.025	149	232030	5.252	ug/ml	98
73) Fluorene	10.082	166	238812	5.209	ug/ml	95
74) 4-Chlorophenyl phenyl ...	10.103	204	120770	5.036	ug/ml#	87
75) 4-Nitroaniline	10.110	138	42007M6	5.262	ug/ml	
76) 4,6-Dinitro-o-cresol	10.152	198	27559	4.140	ug/ml#	66
77) NDPA/DPA	10.223	169	202666	5.302	ug/ml	94
78) Azobenzene	10.258	77	197919	5.429	ug/ml#	92
80) 4-Bromophenyl phenyl e...	10.579	248	74019	4.916	ug/ml#	84
81) Hexachlorobenzene	10.624	284	88174	4.995	ug/ml#	81
82) Pentachlorophenol	10.821	266	43595	4.748	ug/ml	98
89) Phenanthrene	11.010	178	375117	5.171	ug/ml	99
90) Anthracene	11.056	178	379894	5.369	ug/ml	99
91) Carbazole	11.230	167	345386	5.467	ug/ml	99
92) Di-n-butylphthalate	11.624	149	424514	5.951	ug/ml#	97
93) Fluoranthene	12.163	202	443321	5.347	ug/ml#	93
94) Benzidine	12.313	184	263438	5.860	ug/ml#	94
95) Pyrene	12.379	202	461974	5.321	ug/ml	100
97) Butyl benzyl phthalate	13.092	149	138193	4.295	ug/ml	89
105) Benzo(a)anthracene	13.601	228	475634	5.311	ug/ml	99
106) 3,3'-Dichlorobenzidine	13.609	252	179178	5.960	ug/ml#	96
107) Chrysene	13.641	228	429359	4.836	ug/ml	99
108) Bis(2-ethylhexyl)phtha...	13.736	149	233680	4.614	ug/ml	95
109) Di-n-octylphthalate	14.410	149	361317	4.265	ug/ml#	78
110) Benzo(b)fluoranthene	14.705	252	525748	5.709	ug/ml#	92
111) Benzo(k)fluoranthene	14.728	252	415673	4.853	ug/ml#	93
112) Benzo(a)pyrene	15.015	252	441421	5.445	ug/ml#	93
114) Indeno(1,2,3-cd)pyrene	16.038	276	425828M6	5.388	ug/mL	
115) Dibenzo(a,h)anthracene	16.061	278	436195	5.546	ug/ml#	90
116) Benzo(ghi)perylene	16.275	276	417580	5.386	ug/ml#	87

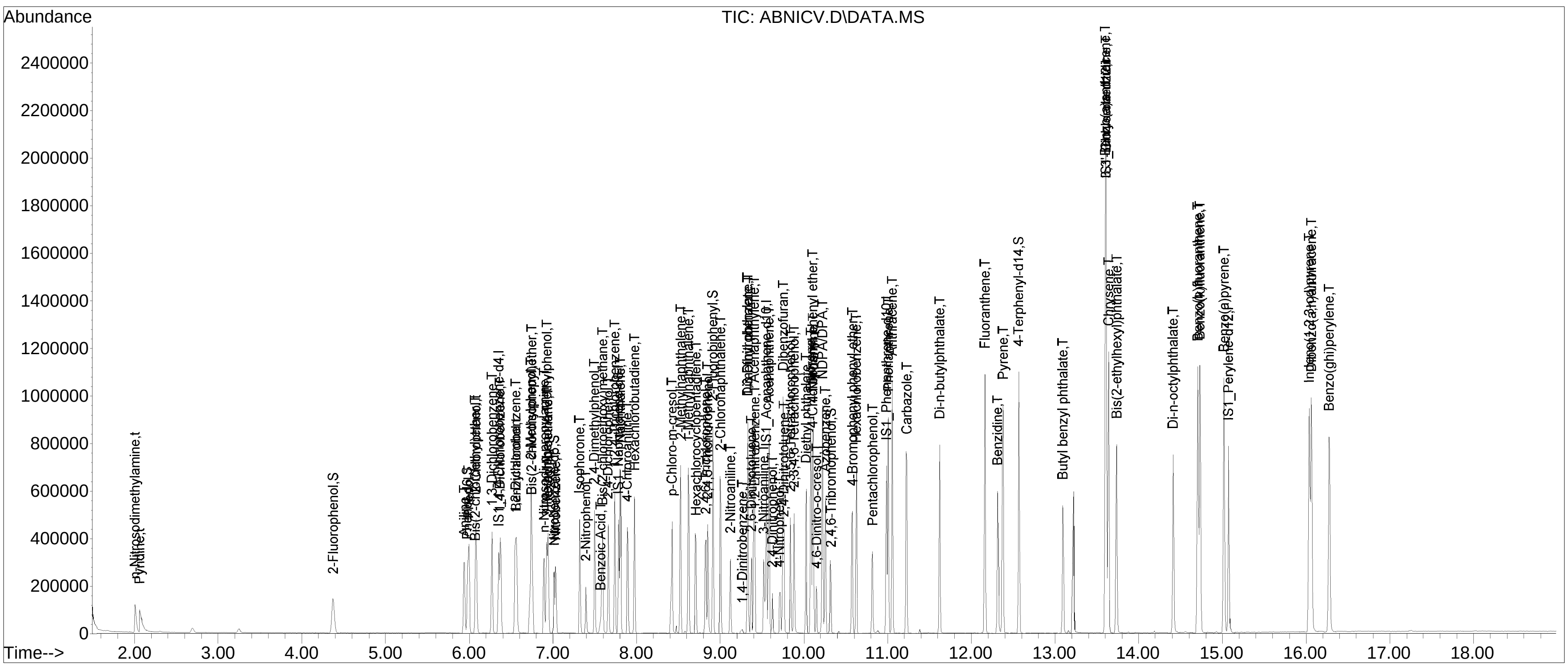
(#) = qualifier out of range (m) = manual integration (+) = signals summed

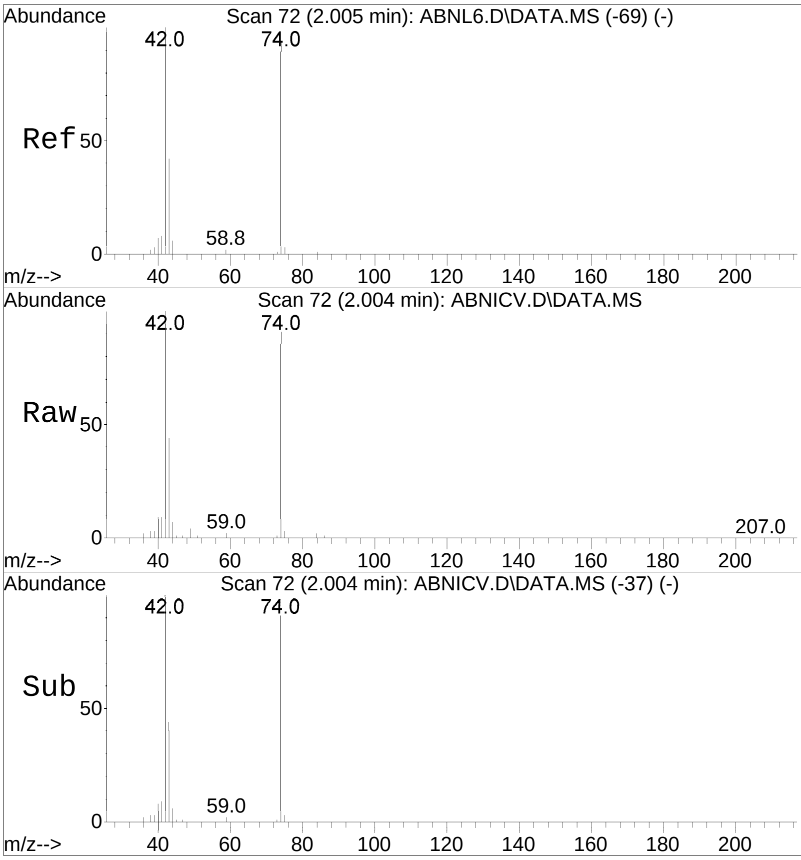
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ABNICV.D
Acq On   : 11 Mar 2025 10:18 pm
Operator : SV106:ljg
Sample   : CQICV1,32,,ABNICV Lot# 11452
Misc   : WG2039658,,ical
ALS Vial : 15   Sample Multiplier: 1

Quant Time: Mar 12 12:20:40 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:40 2025
Response via : Initial Calibration

Sub List   : ABNical - ABN ical sublistTical\AP9L6.D•

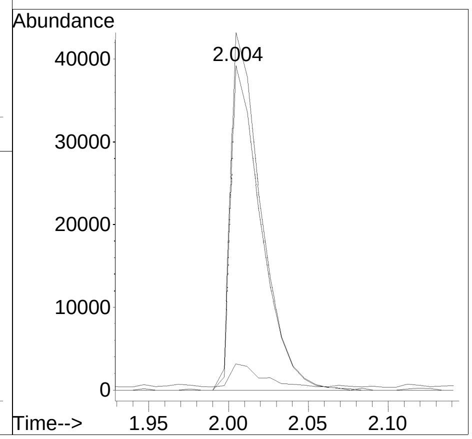


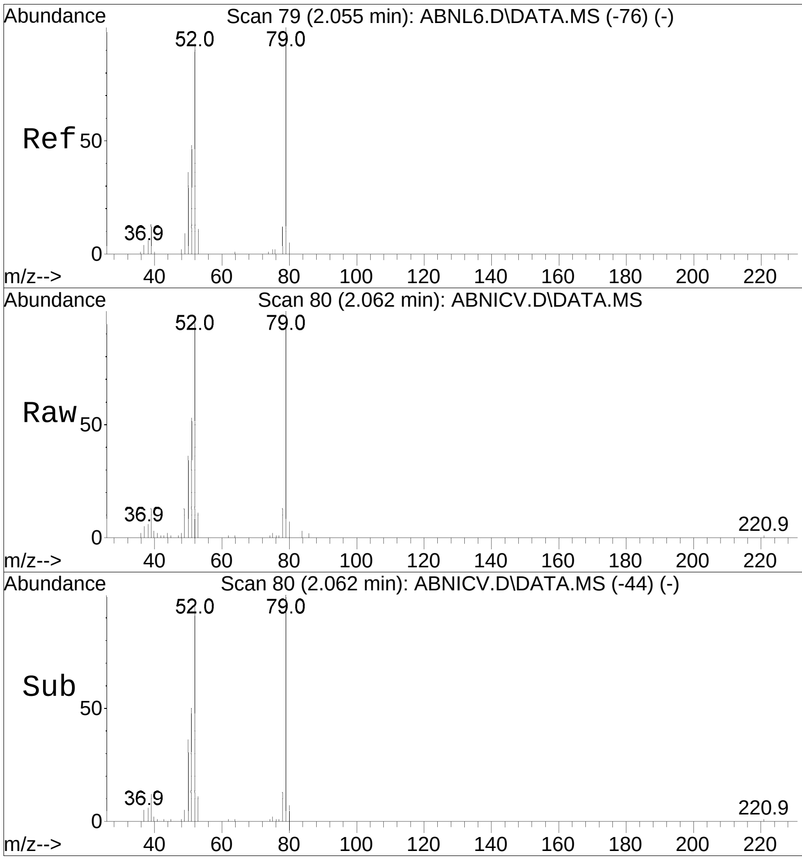


#2
n-Nitrosodimethylamine
Concen: 5.20 ug/ml
RT: 2.004 min Scan# 72
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 74 Resp: 51950

Ion	Ratio	Lower	Upper
74	100		
42	110.7	100.0	150.0
44	7.2	6.7	10.1

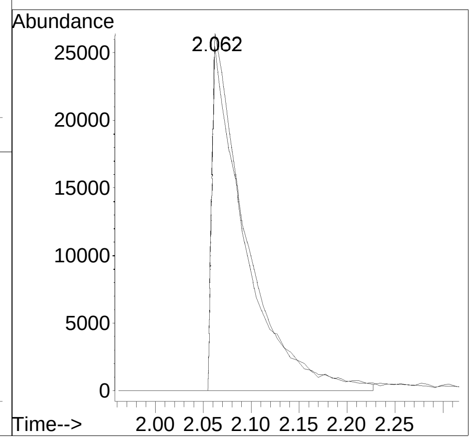


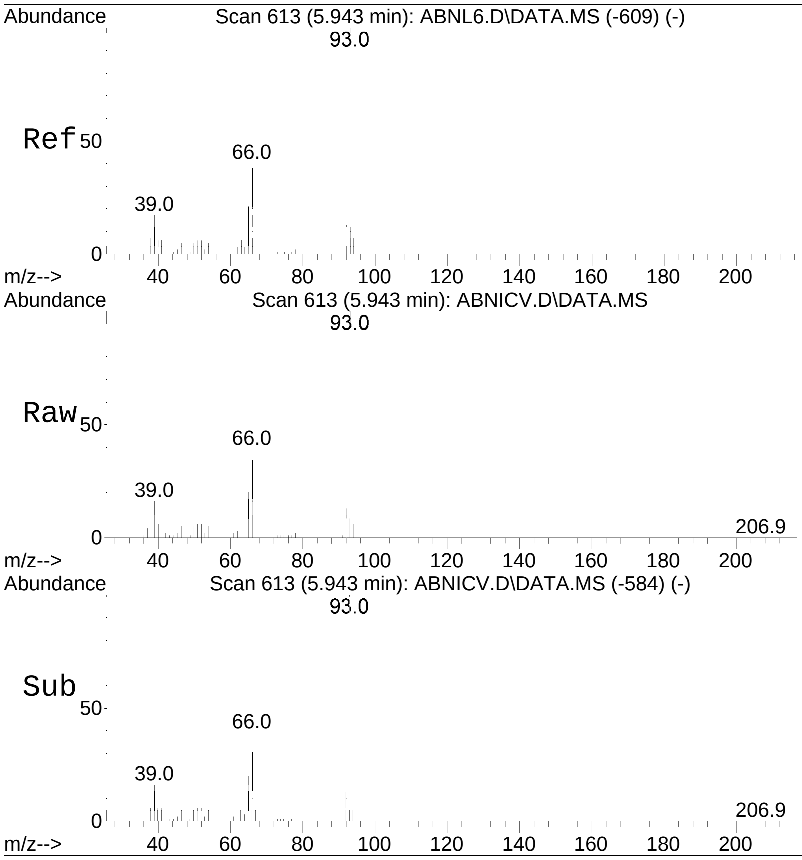


#3
Pyridine
Concen: 3.73 ug/ml
RT: 2.062 min Scan# 80
Delta R.T. 0.007 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 79 Resp: 64794

Ion	Ratio	Lower	Upper
79	100		
52	94.1	93.1	139.7

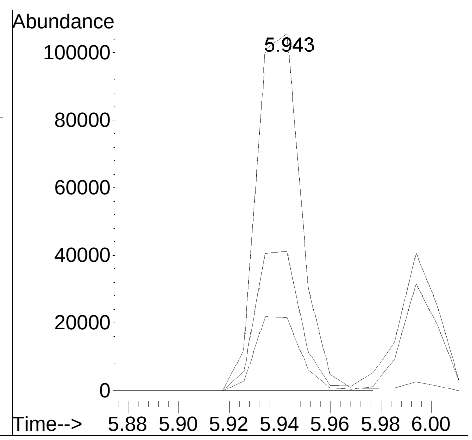


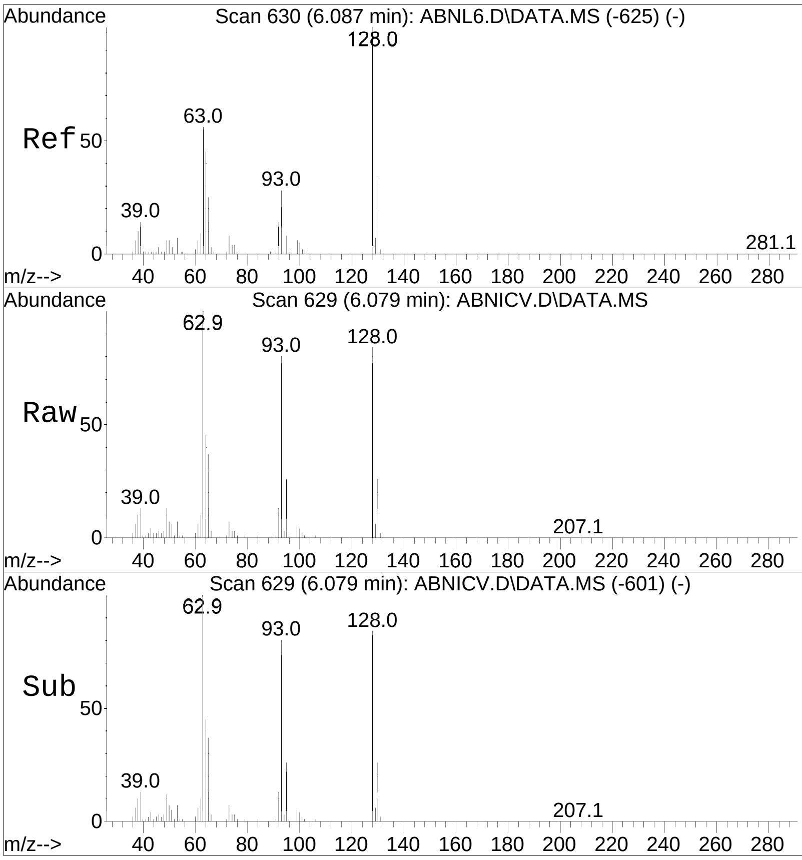


#5
Aniline
Concen: 5.38 ug/ml
RT: 5.943 min Scan# 613
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 93 Resp: 130036

Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.6	49.0
65	21.0	17.6	26.4

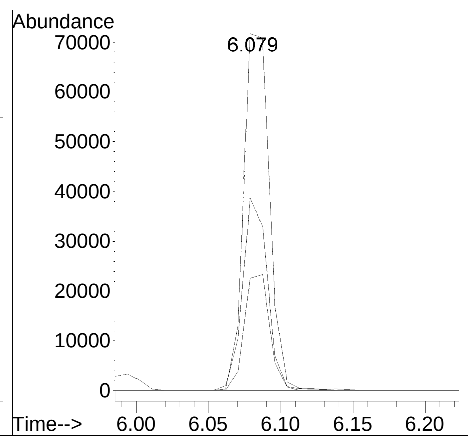


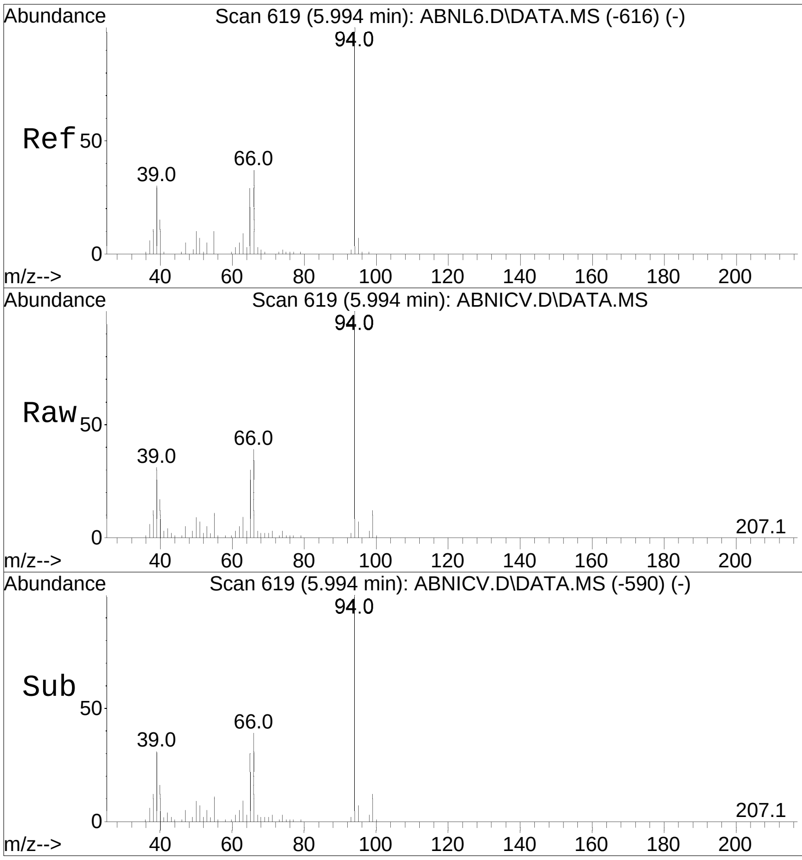


#6
2-Chlorophenol
Concen: 5.30 ug/ml
RT: 6.079 min Scan# 629
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:128 Resp: 89808

Ion	Ratio	Lower	Upper
128	100		
64	51.9	45.1	67.7
130	31.8	26.2	39.4

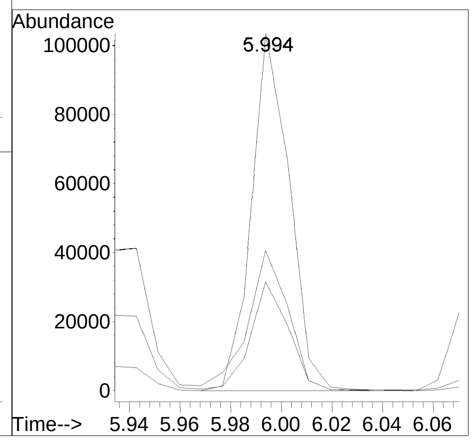


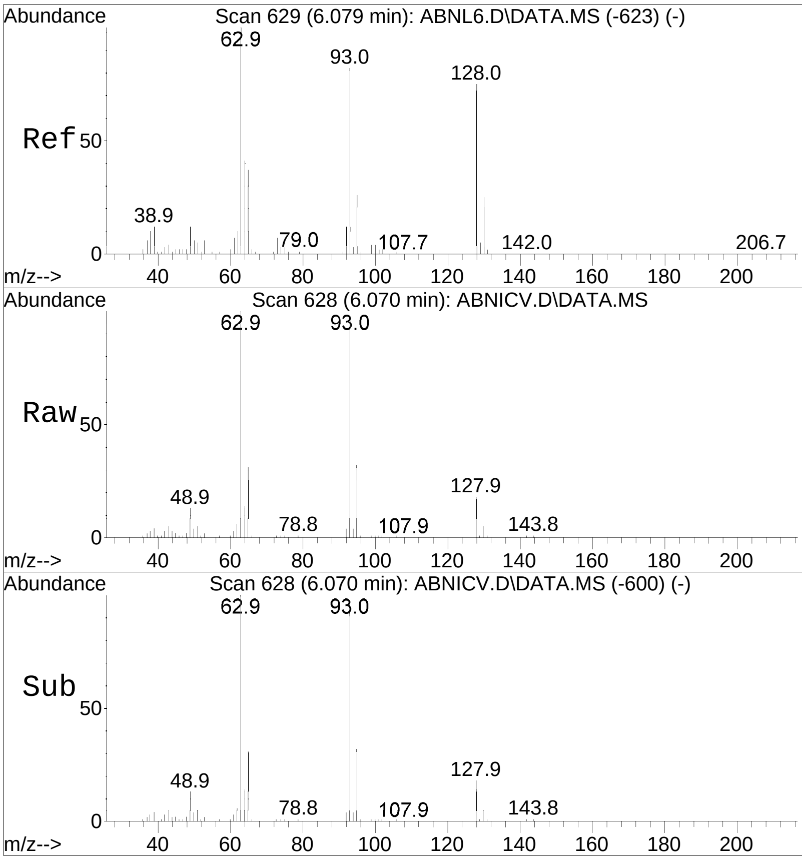


#8
Phenol
Concen: 5.29 ug/ml
RT: 5.994 min Scan# 619
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 94 Resp: 107273

Ion	Ratio	Lower	Upper
94	100		
65	30.9	26.0	39.0
66	42.3	33.8	50.8

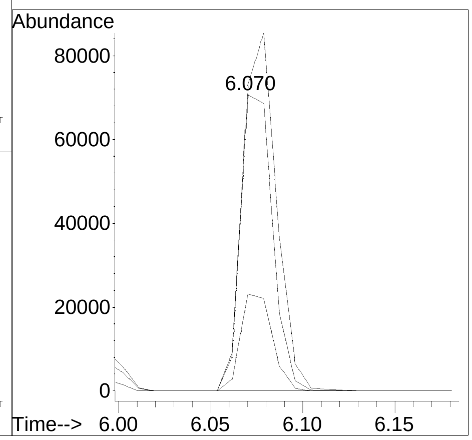


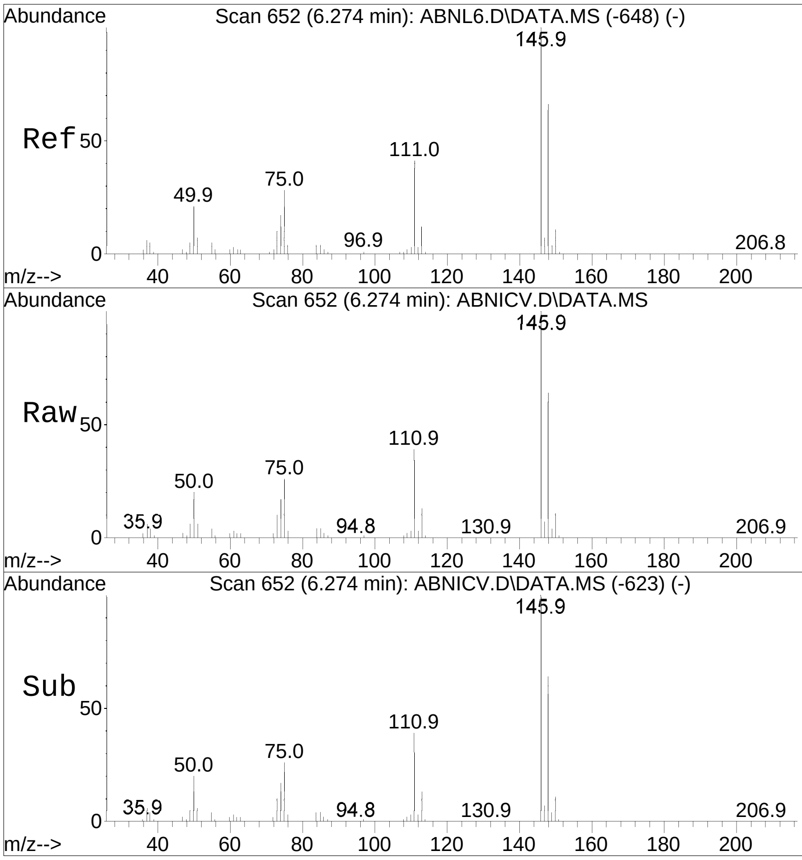


#9
Bis(2-chloroethyl)ether
Concen: 5.33 ug/ml
RT: 6.070 min Scan# 628
Delta R.T. -0.009 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 93 Resp: 85977

Ion	Ratio	Lower	Upper
93	100		
63	125.7	74.6	111.8#
95	32.3	25.9	38.9

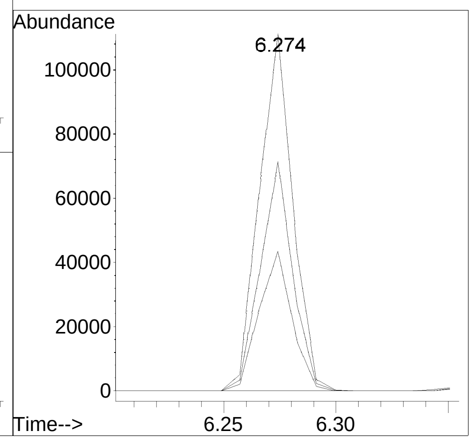


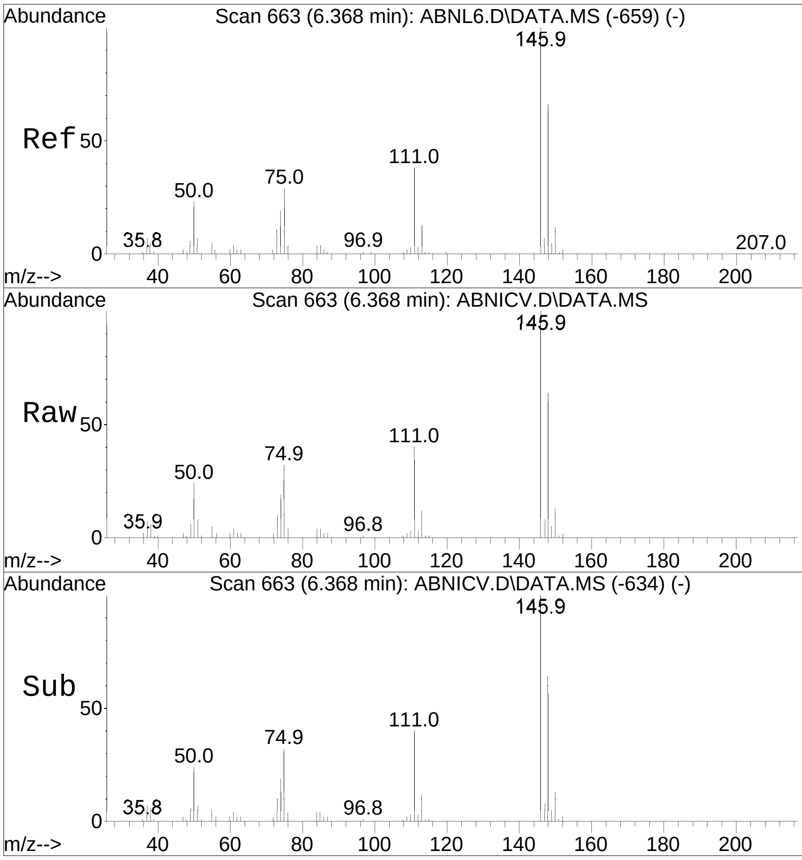


#10
1,3-Dichlorobenzene
Concen: 5.33 ug/ml
RT: 6.274 min Scan# 652
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:146 Resp: 114203

Ion	Ratio	Lower	Upper
146	100		
111	38.9	34.3	51.5
148	62.2	50.8	76.2

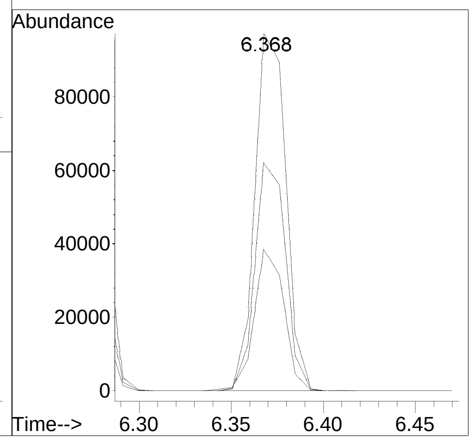


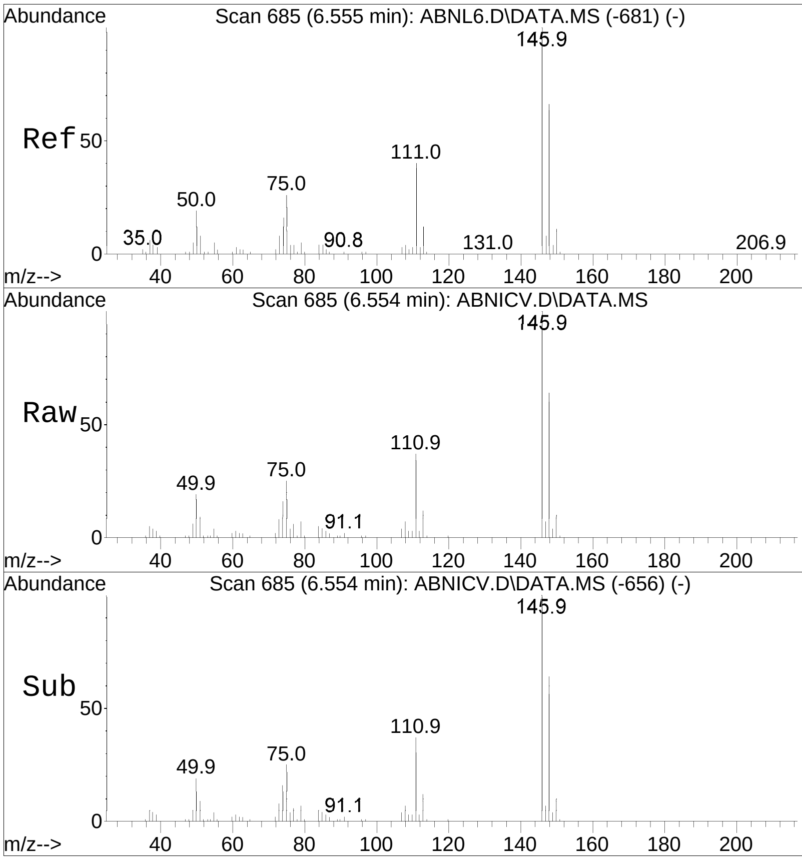


#11
1,4-Dichlorobenzene
Concen: 5.20 ug/ml
RT: 6.368 min Scan# 663
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:146 Resp: 113836

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.7	76.1
111	38.0	33.4	50.0

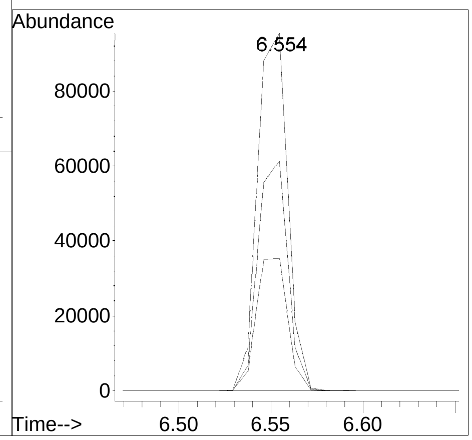


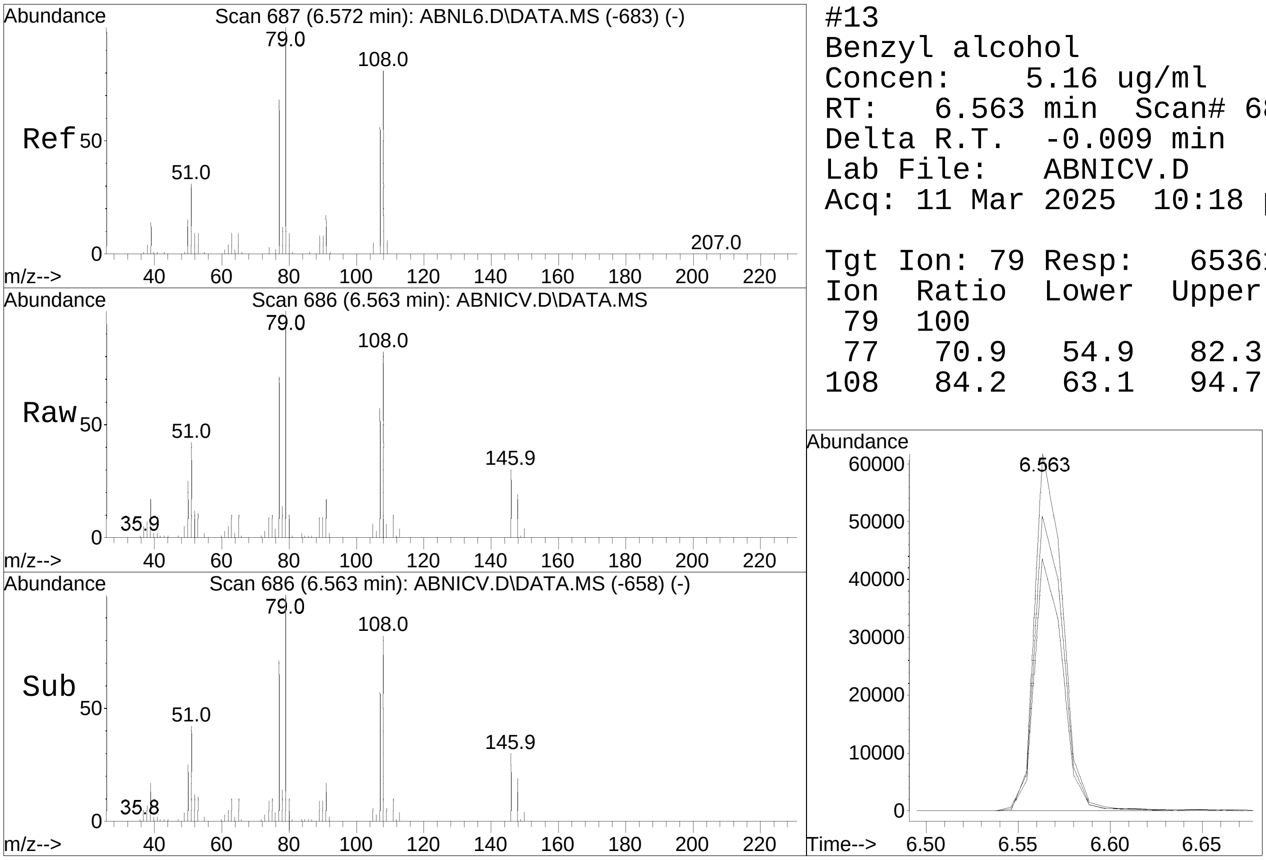


#12
1,2-Dichlorobenzene
Concen: 5.28 ug/ml
RT: 6.554 min Scan# 685
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:146 Resp: 109498

Ion	Ratio	Lower	Upper
146	100		
111	38.4	34.6	52.0
148	63.3	50.2	75.4

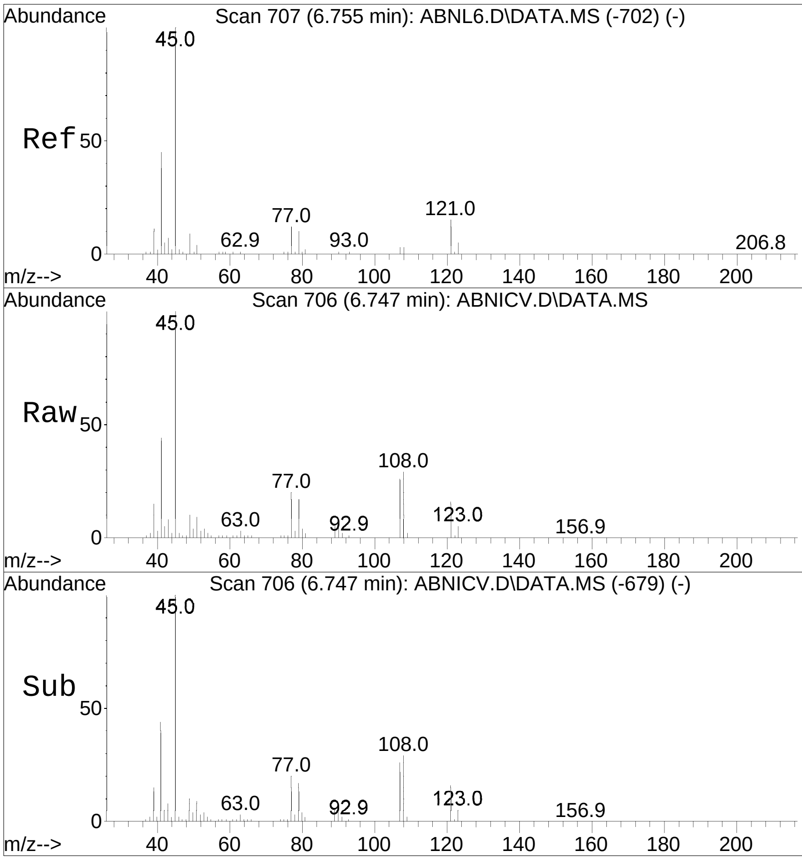




#13
Benzyl alcohol
Concen: 5.16 ug/ml
RT: 6.563 min Scan# 686
Delta R.T. -0.009 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 79 Resp: 65361

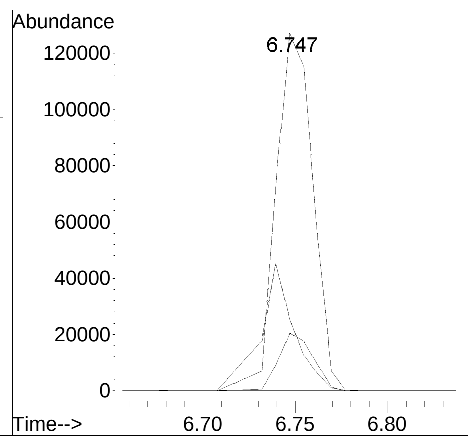
Ion	Ratio	Lower	Upper
79	100		
77	70.9	54.9	82.3
108	84.2	63.1	94.7

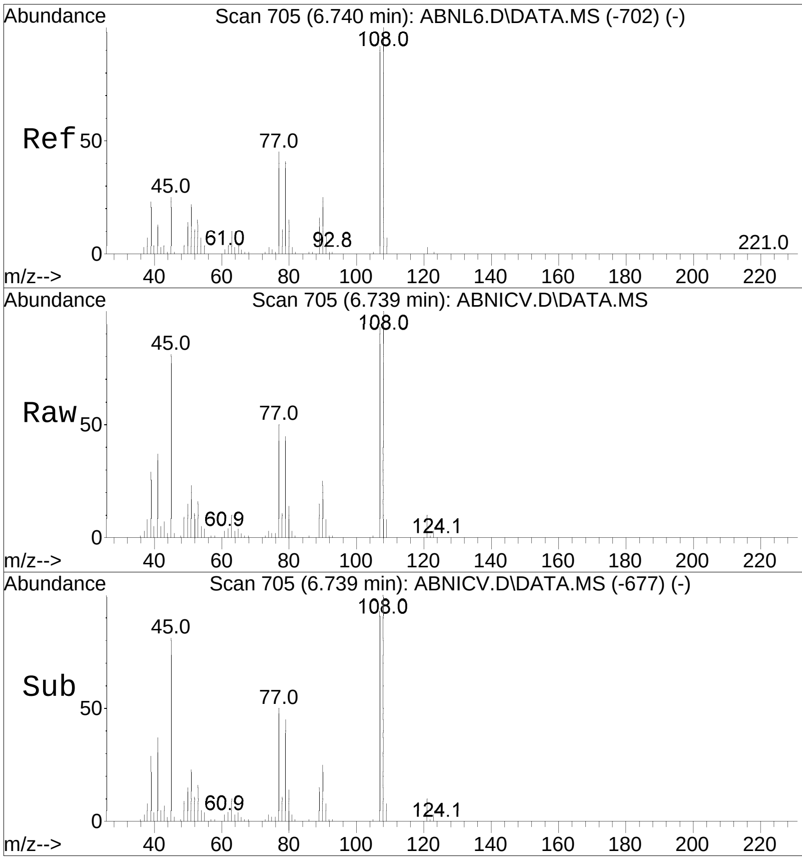


#14
Bis(2-chloroisopropyl)ether
Concen: 5.70 ug/ml
RT: 6.747 min Scan# 706
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 45 Resp: 214270

Ion	Ratio	Lower	Upper
45	100		
121	15.5	9.8	14.6#
77	28.2	6.1	9.1#

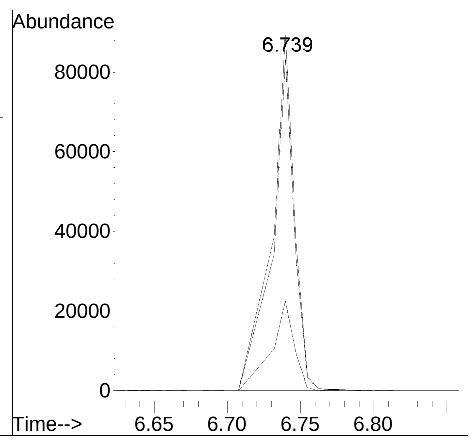


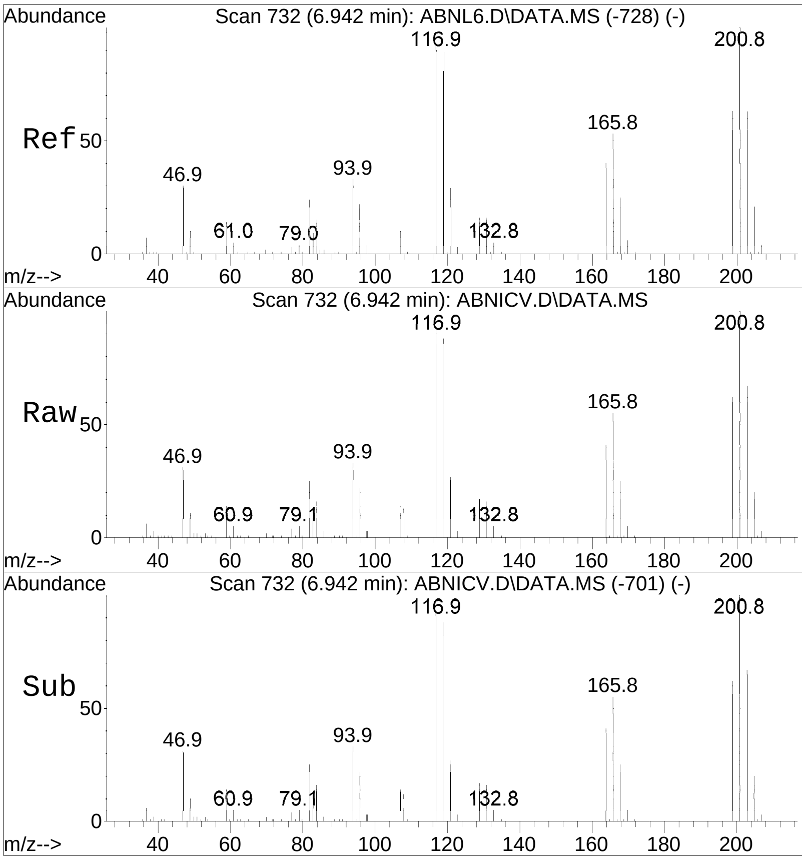


#15
2-Methylphenol
Concen: 5.19 ug/ml
RT: 6.739 min Scan# 705
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:108 Resp: 92542

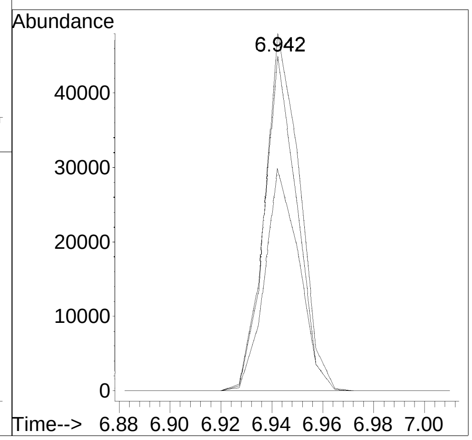
Ion	Ratio	Lower	Upper
108	100		
107	90.8	70.7	106.1
90	26.6	18.7	28.1

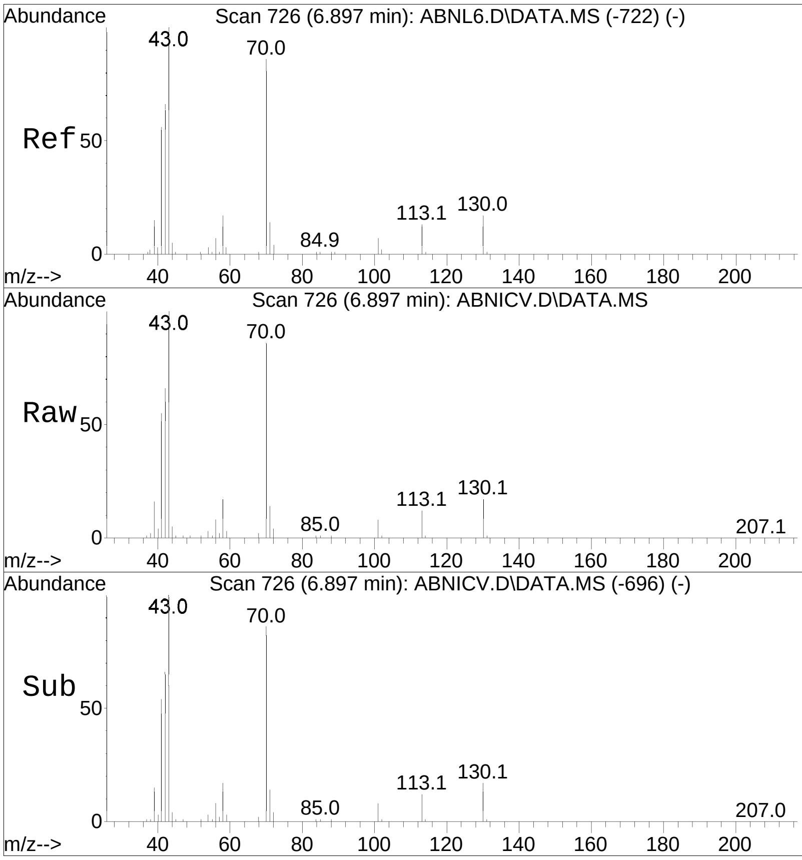




#16
Hexachloroethane
Concen: 5.31 ug/ml
RT: 6.942 min Scan# 732
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt	Ion:117	Resp:	40367
Ion	Ratio	Lower	Upper
117	100		
201	112.5	58.6	87.8#
199	69.6	36.9	55.3#

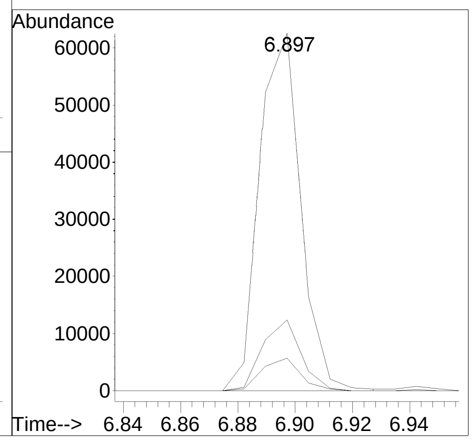


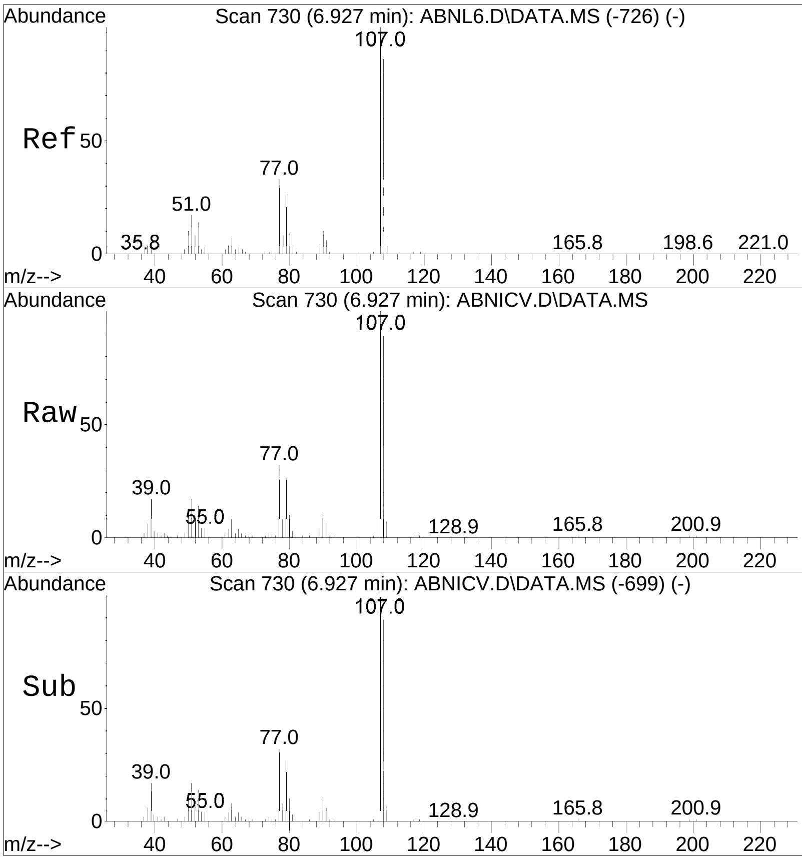


#17
n-Nitrosodi-n-propylamine
Concen: 5.27 ug/ml
RT: 6.897 min Scan# 726
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 70 Resp: 62622

Ion	Ratio	Lower	Upper
70	100		
130	18.5	18.2	27.4
101	8.6	7.8	11.8

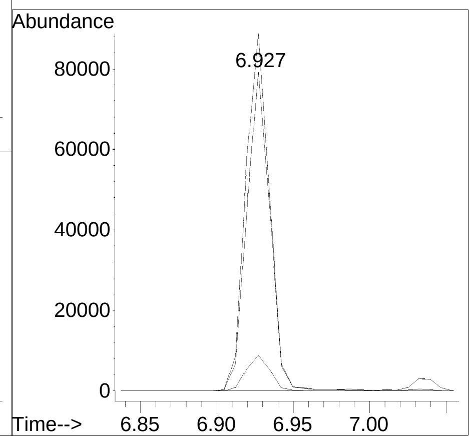


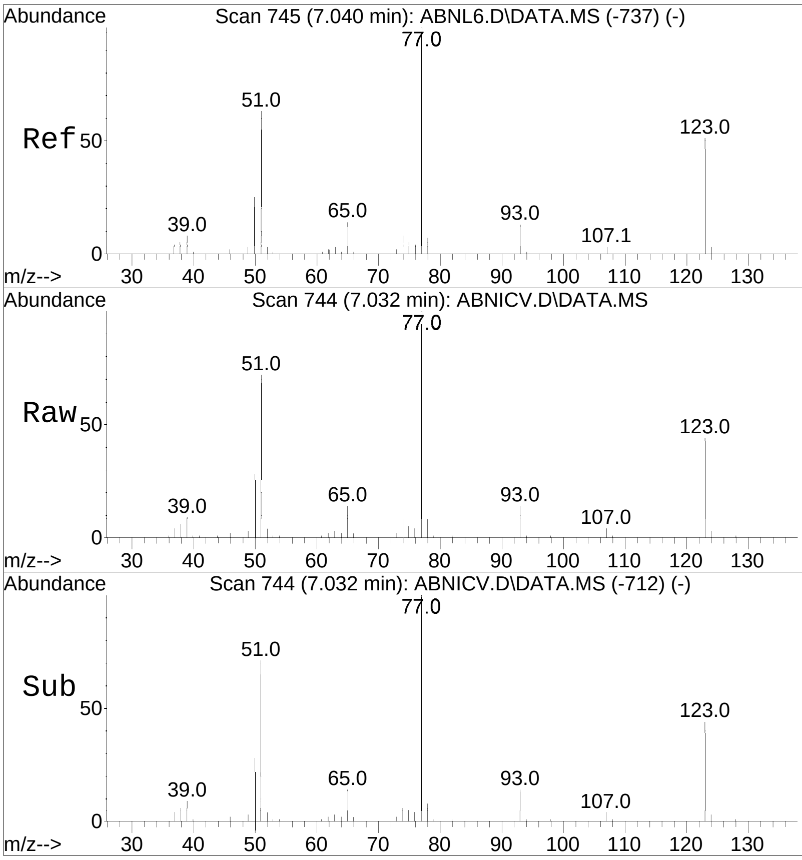


#18
3-Methylphenol/4-Methylphenol
Concen: 5.40 ug/ml
RT: 6.927 min Scan# 730
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:108 Resp: 83330

Ion	Ratio	Lower	Upper
108	100		
107	114.3	88.6	132.8
90	11.5	8.8	13.2

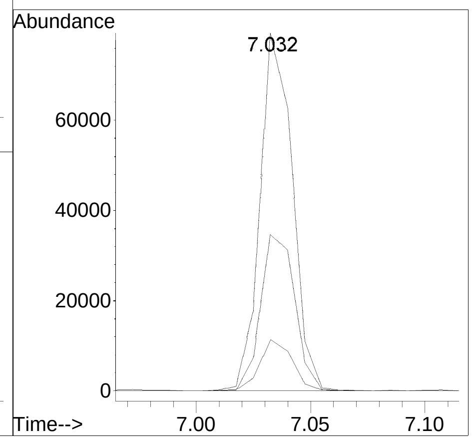


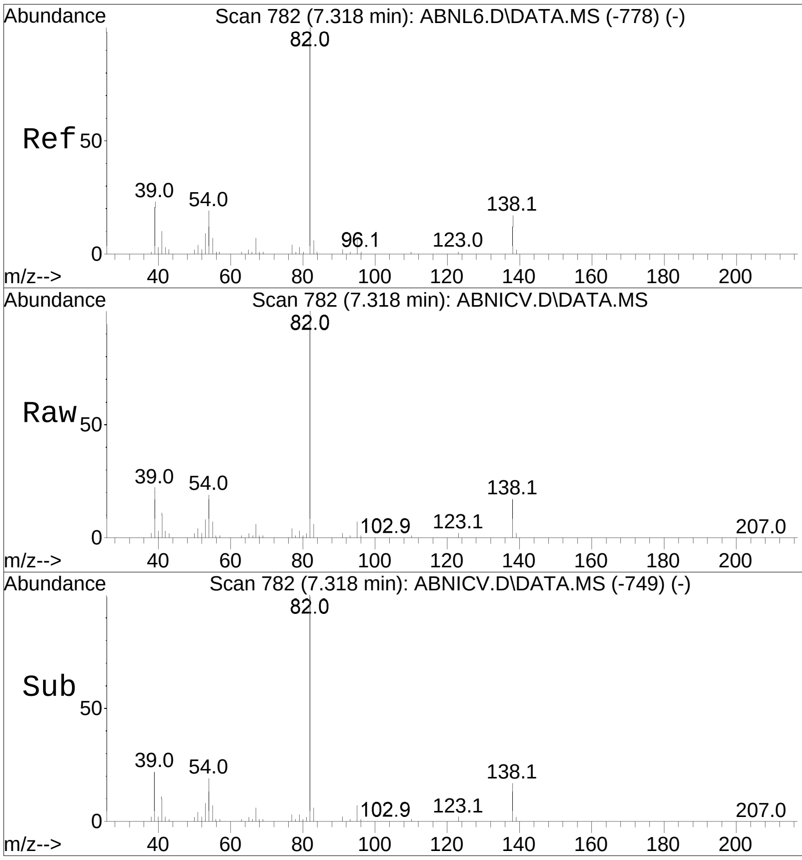


#20
Nitrobenzene
Concen: 5.00 ug/ml
RT: 7.032 min Scan# 744
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 77 Resp: 77805

Ion	Ratio	Lower	Upper
77	100		
123	46.2	36.3	54.5
65	14.7	11.6	17.4

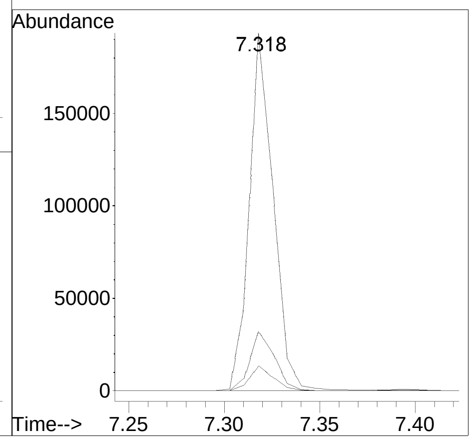


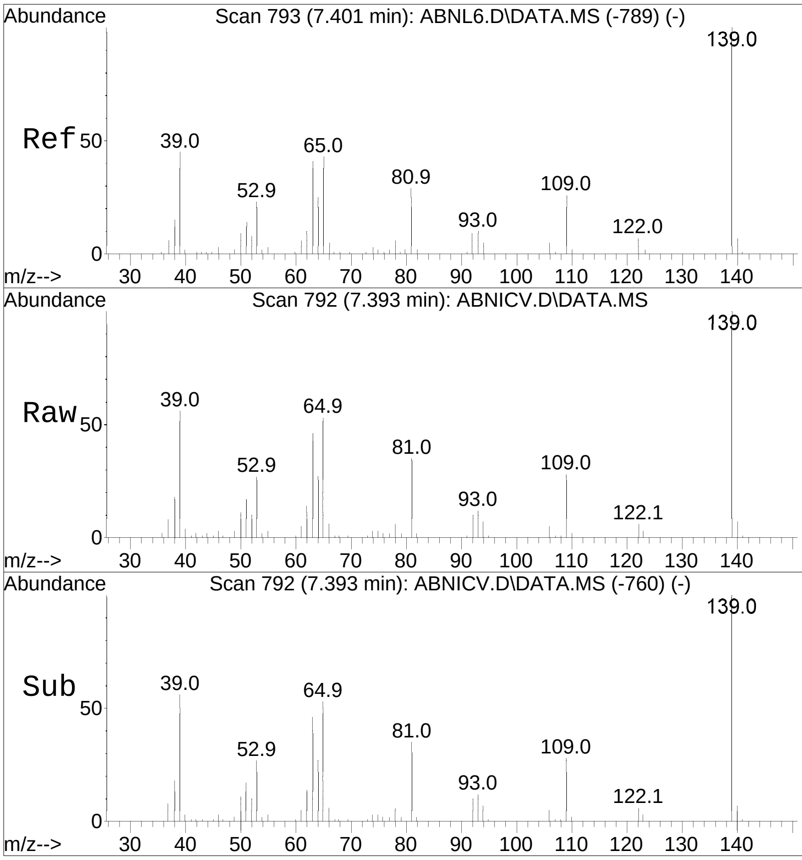


#21
Isophorone
Concen: 5.24 ug/ml
RT: 7.318 min Scan# 782
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 82 Resp: 167265

Ion	Ratio	Lower	Upper
82	100		
138	17.1	14.7	22.1
95	6.9	5.2	7.8

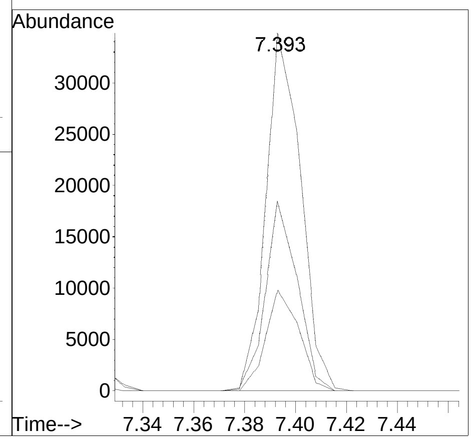


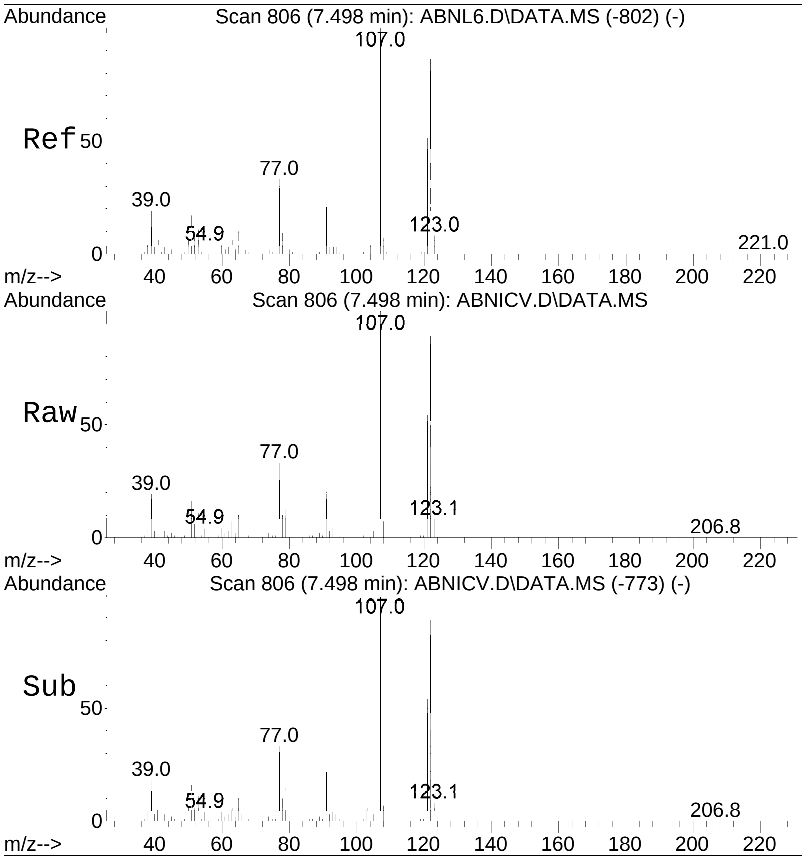


#22
2-Nitrophenol
Concen: 4.64 ug/ml
RT: 7.393 min Scan# 792
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:139 Resp: 32856

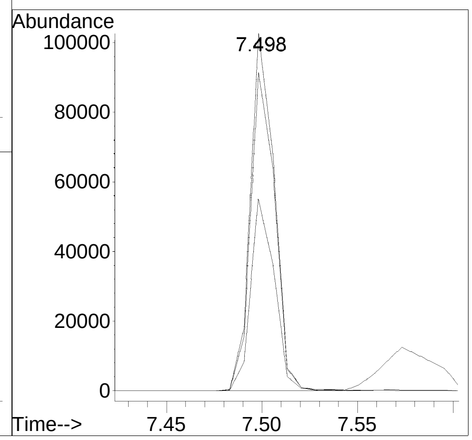
Ion	Ratio	Lower	Upper
139	100		
109	27.2	19.4	29.0
65	49.1	46.1	69.1

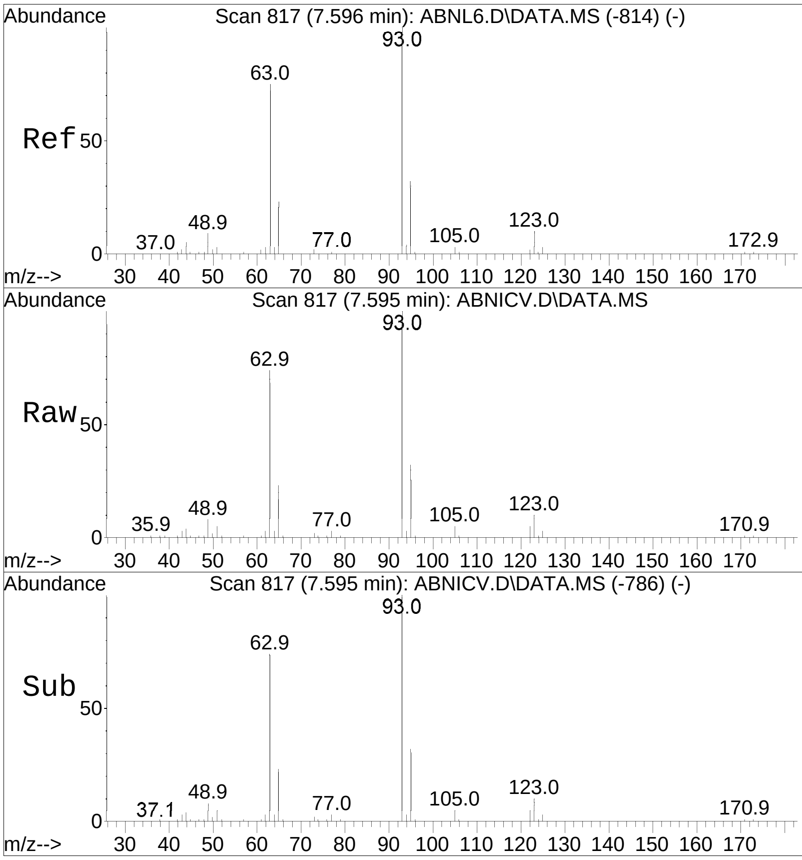




#23
2,4-Dimethylphenol
Concen: 5.35 ug/ml
RT: 7.498 min Scan# 806
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt	Ion:107	Resp:	89154
Ion	Ratio	Lower	Upper
107	100		
121	53.4	40.0	60.0
122	90.2	70.2	105.4

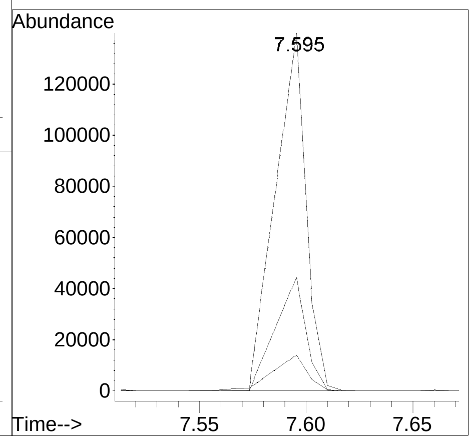


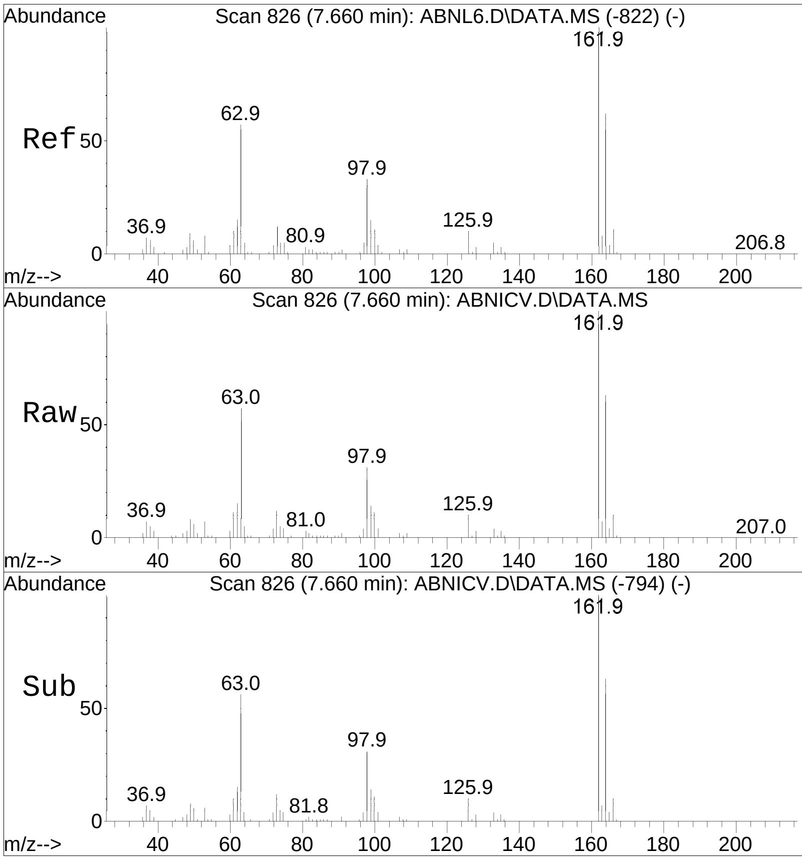


#24
Bis(2-chloroethoxy)methane
Concen: 4.19 ug/ml
RT: 7.595 min Scan# 817
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 93 Resp: 95427

Ion	Ratio	Lower	Upper
93	100		
95	34.3	25.8	38.8
123	11.8	10.1	15.1

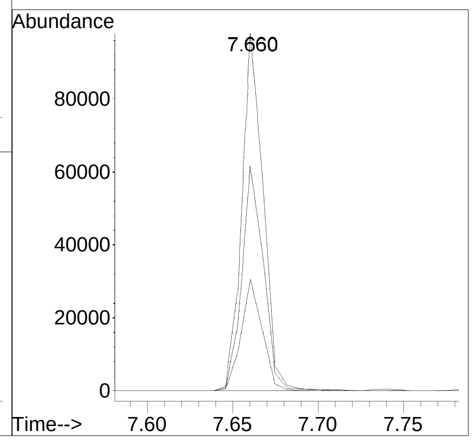


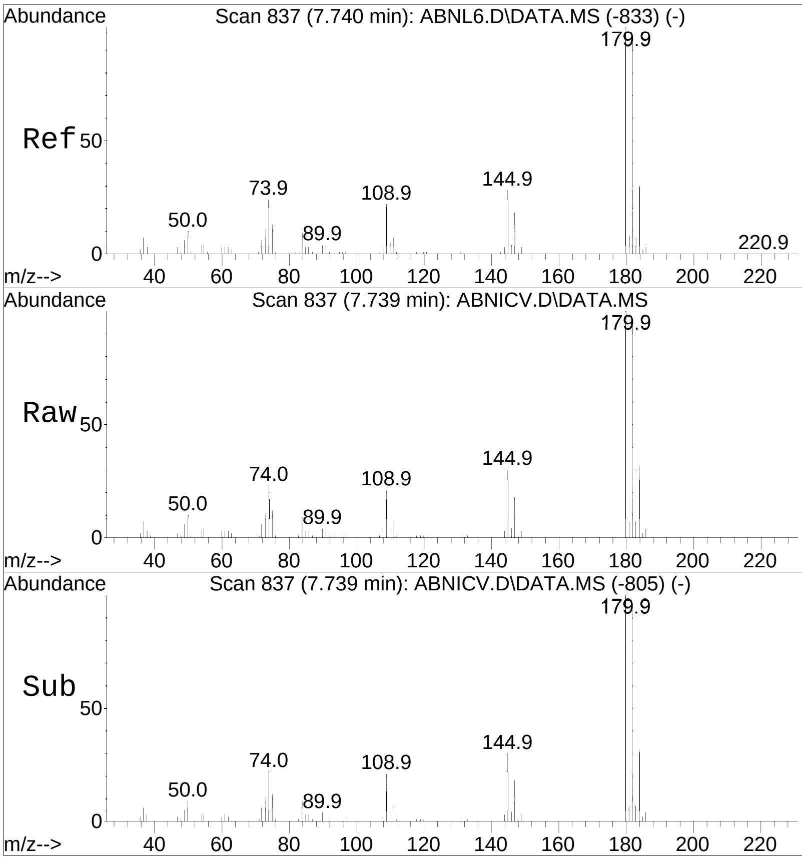


#25
2,4-Dichlorophenol
Concen: 5.34 ug/ml
RT: 7.660 min Scan# 826
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:162 Resp: 84500

Ion	Ratio	Lower	Upper
162	100		
164	63.7	51.0	76.4
98	30.9	32.2	48.2#

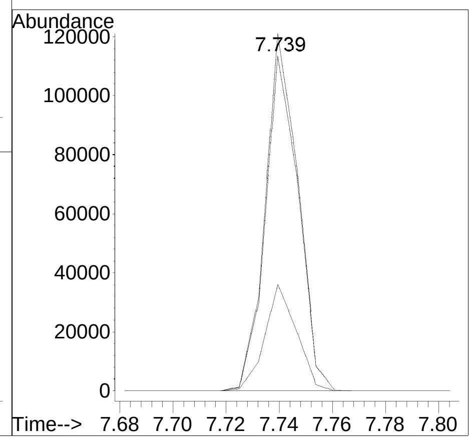


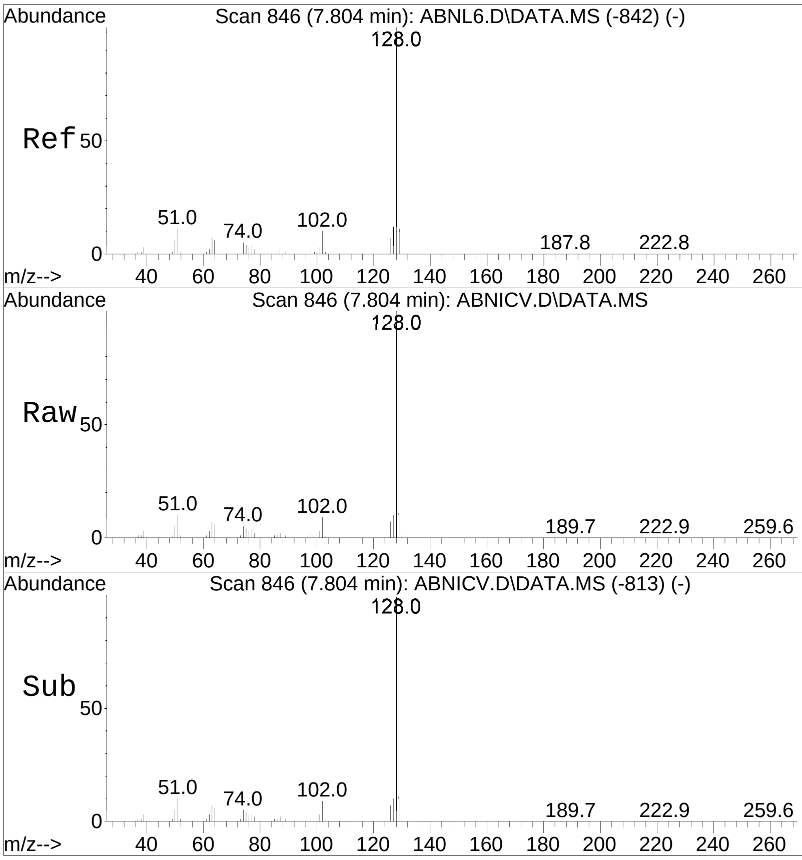


#26
1,2,4-Trichlorobenzene
Concen: 5.09 ug/ml
RT: 7.739 min Scan# 837
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:180 Resp: 103236

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.0	114.0
145	28.9	25.7	38.5

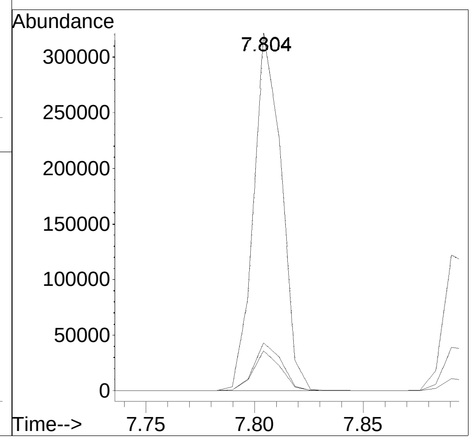


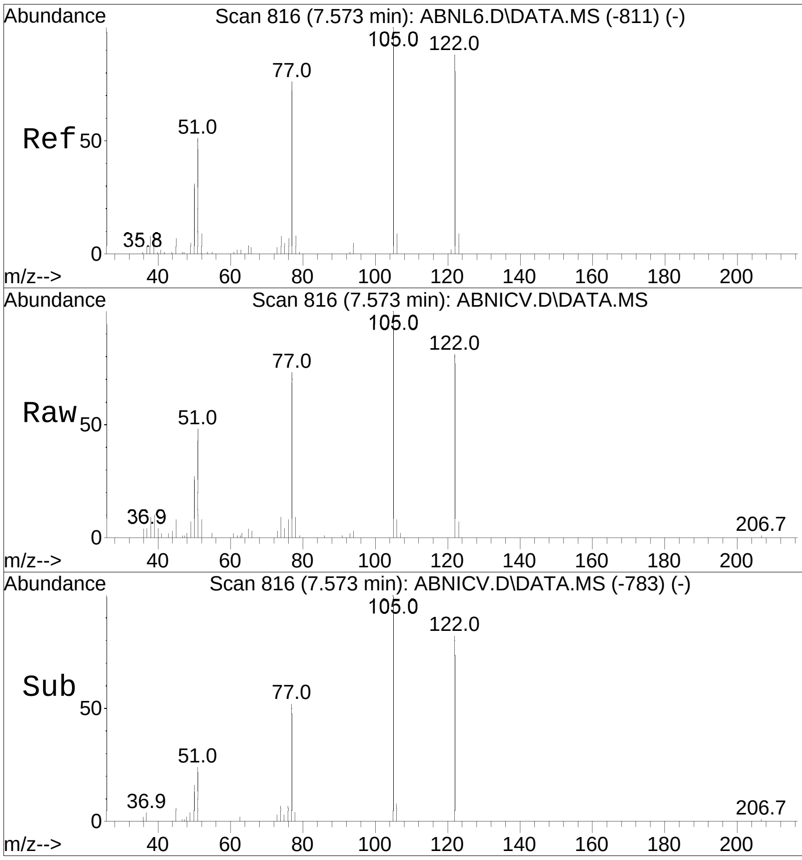


#36
Naphthalene
Concen: 5.20 ug/ml
RT: 7.804 min Scan# 846
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:128 Resp: 286040

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.3	10.3	15.5

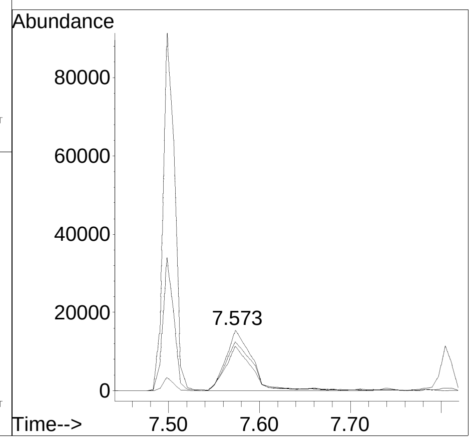


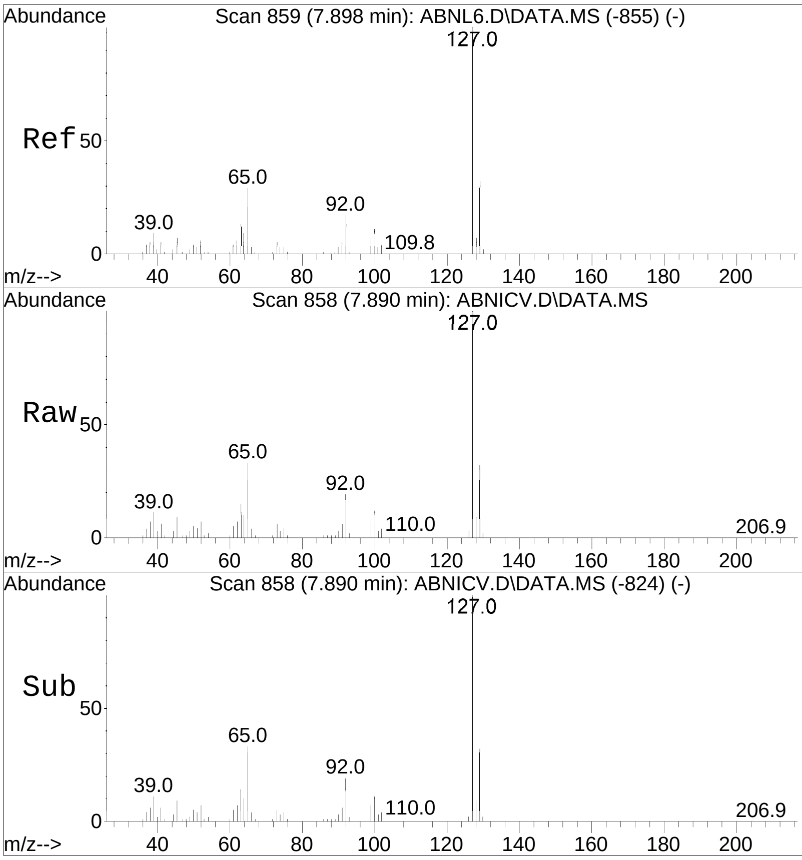


#37
Benzoic Acid
Concen: 3.50 ug/ml
RT: 7.573 min Scan# 816
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:105 Resp: 23560

Ion	Ratio	Lower	Upper
105	100		
122	80.2	59.9	89.9
77	74.8	60.1	90.1

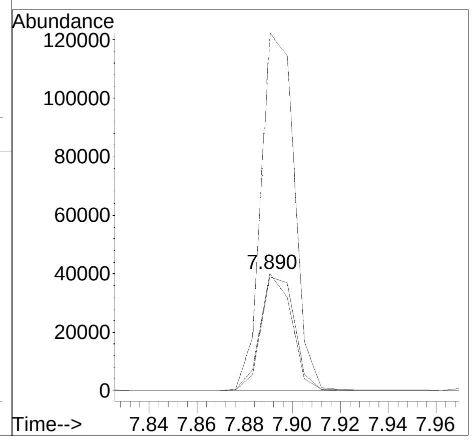


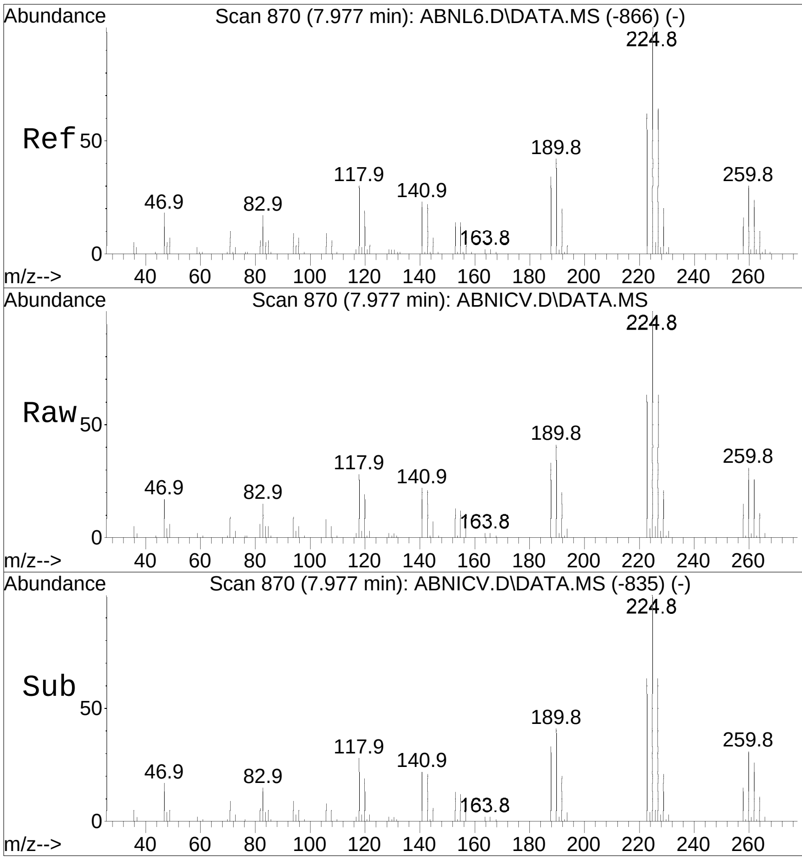


#38
4-Chloroaniline
Concen: 5.36 ug/ml
RT: 7.890 min Scan# 858
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 65 Resp: 36407

Ion	Ratio	Lower	Upper
65	100		
127	325.0	237.6	356.4
129	103.6	76.3	114.5

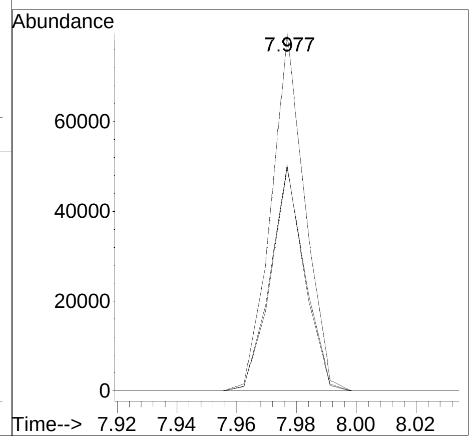


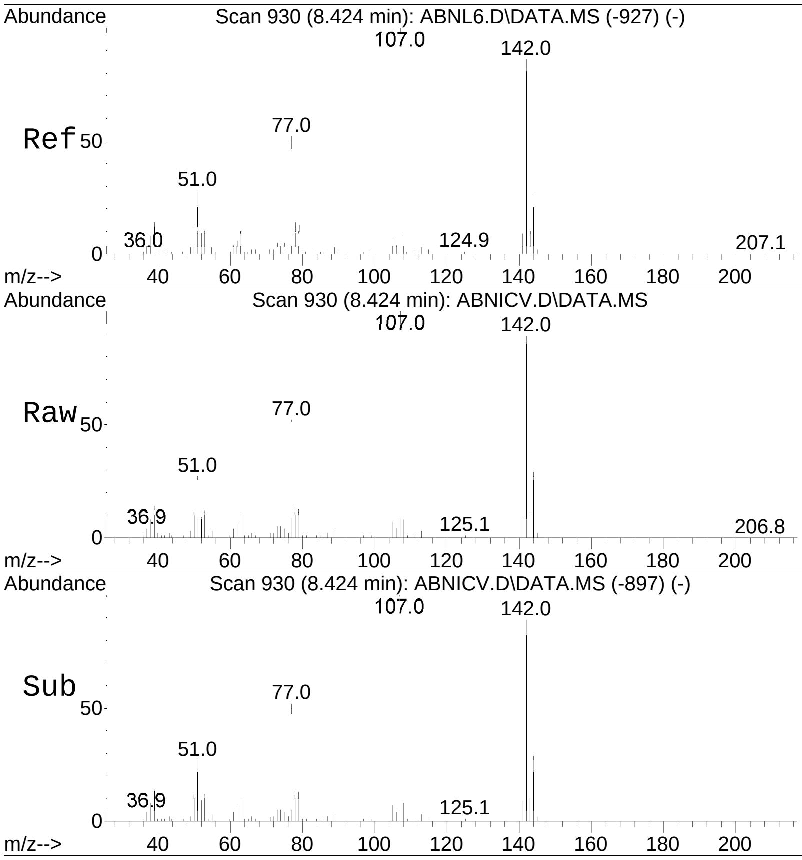


#39
Hexachlorobutadiene
Concen: 4.98 ug/ml
RT: 7.977 min Scan# 870
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:225 Resp: 62724

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	63.0	52.2	78.2

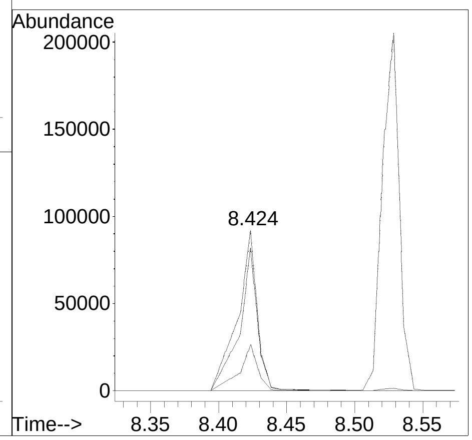


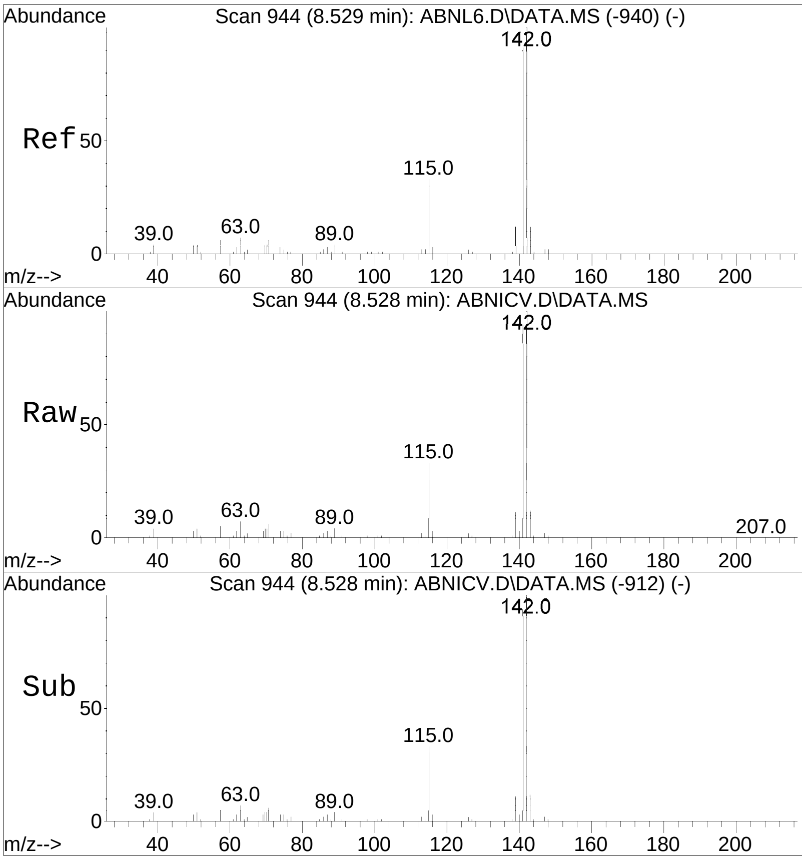


#40
p-Chloro-m-cresol
Concen: 4.93 ug/ml
RT: 8.424 min Scan# 930
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:107 Resp: 82686

Ion	Ratio	Lower	Upper
107	100		
144	29.2	20.9	31.3
142	86.8	66.1	99.1

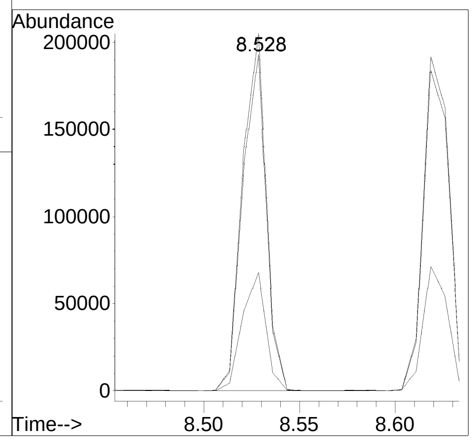


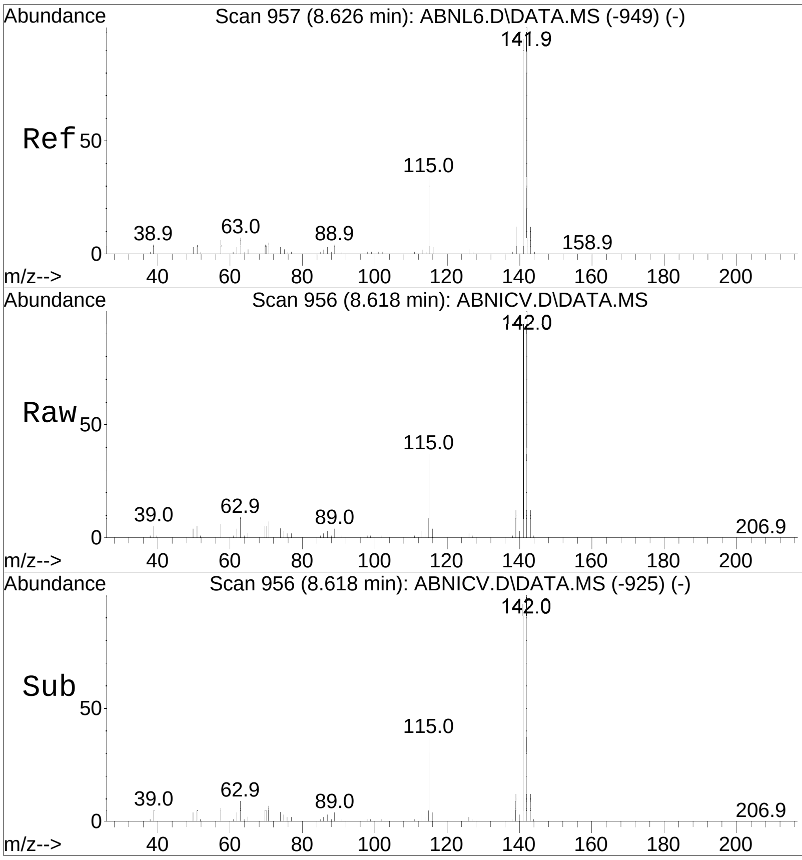


#41
2-Methylnaphthalene
Concen: 5.38 ug/ml
RT: 8.528 min Scan# 944
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:142 Resp: 176905

Ion	Ratio	Lower	Upper
142	100		
141	93.5	69.6	104.4
115	32.9	26.6	40.0

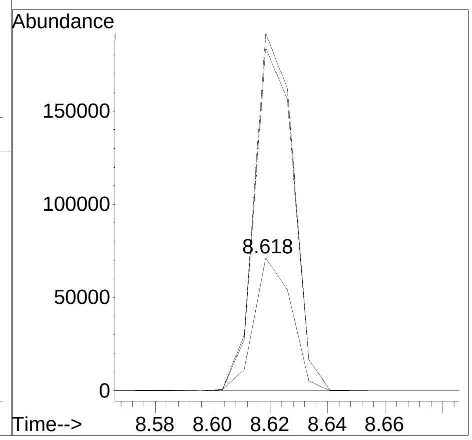


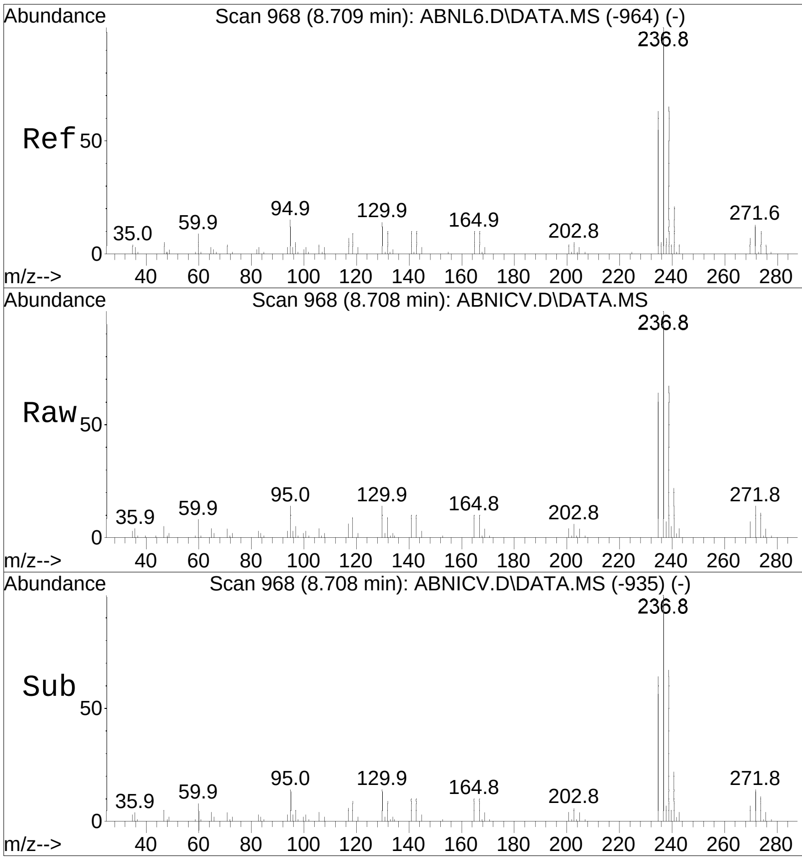


#42
1-Methylnaphthalene
Concen: 5.10 ug/ml
RT: 8.618 min Scan# 956
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:115 Resp: 64481

Ion	Ratio	Lower	Upper
115	100		
141	269.0	207.8	311.6
142	280.2	226.8	340.2

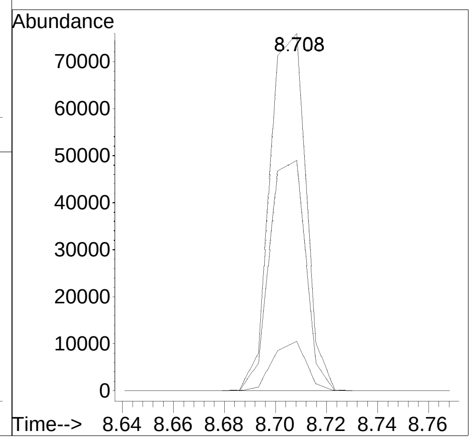


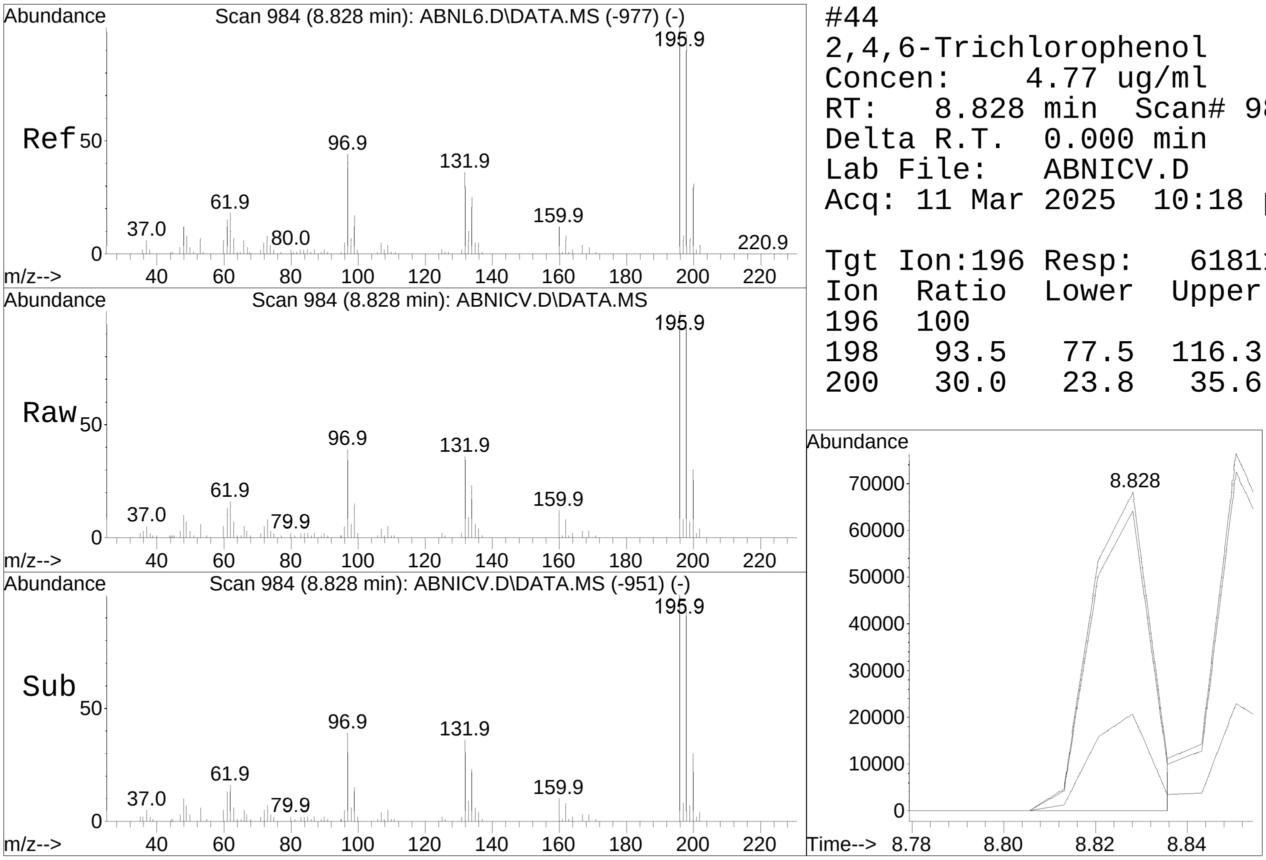


#43
Hexachlorocyclopentadiene
Concen: 4.82 ug/ml
RT: 8.708 min Scan# 968
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:237 Resp: 74521

Ion	Ratio	Lower	Upper
237	100		
235	64.8	49.7	74.5
272	12.9	9.8	14.6

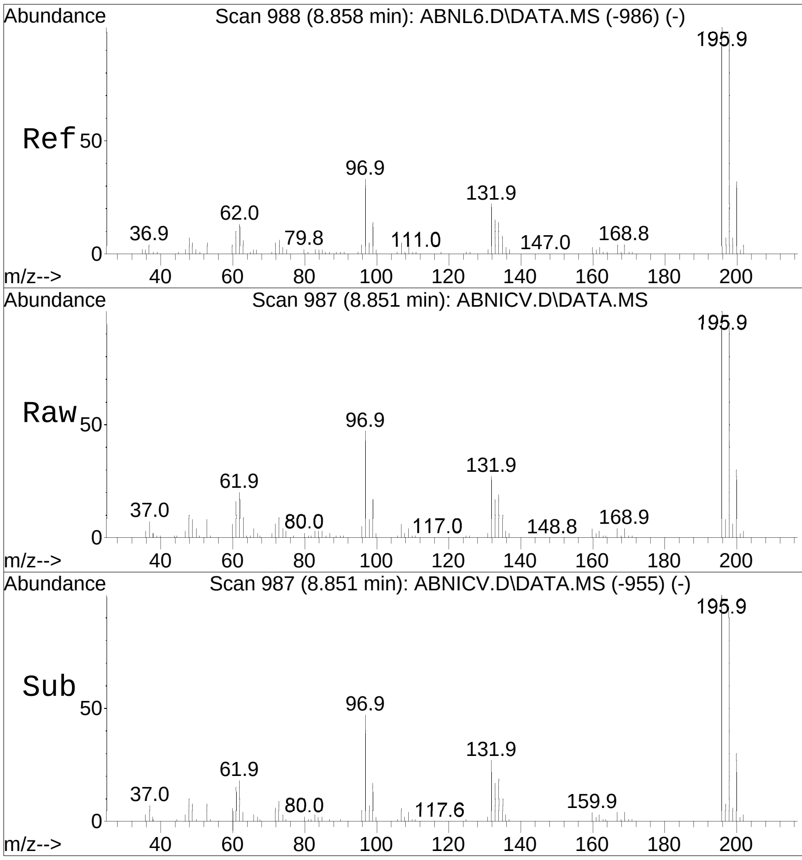




#44
2,4,6-Trichlorophenol
Concen: 4.77 ug/ml
RT: 8.828 min Scan# 984
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:196 Resp: 61811

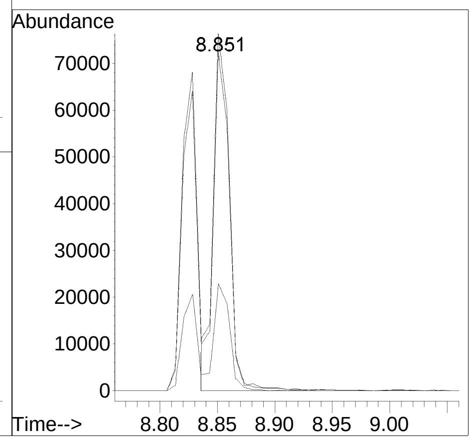
Ion	Ratio	Lower	Upper
196	100		
198	93.5	77.5	116.3
200	30.0	23.8	35.6

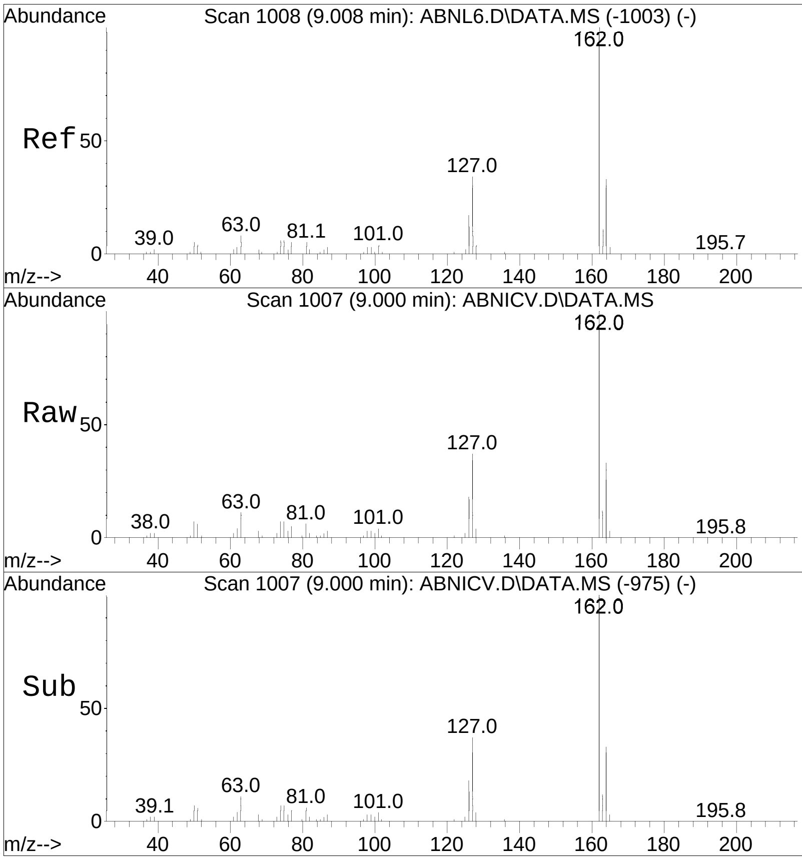


#45
2,4,5-Trichlorophenol
Concen: 5.65 ug/ml
RT: 8.851 min Scan# 987
Delta R.T. -0.007 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:196 Resp: 74264

Ion	Ratio	Lower	Upper
196	100		
200	29.9	25.4	38.0
198	93.0	78.0	117.0

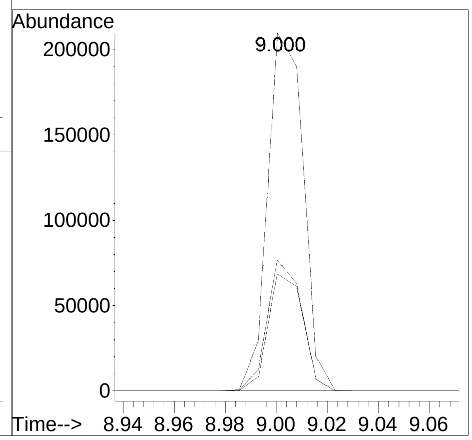


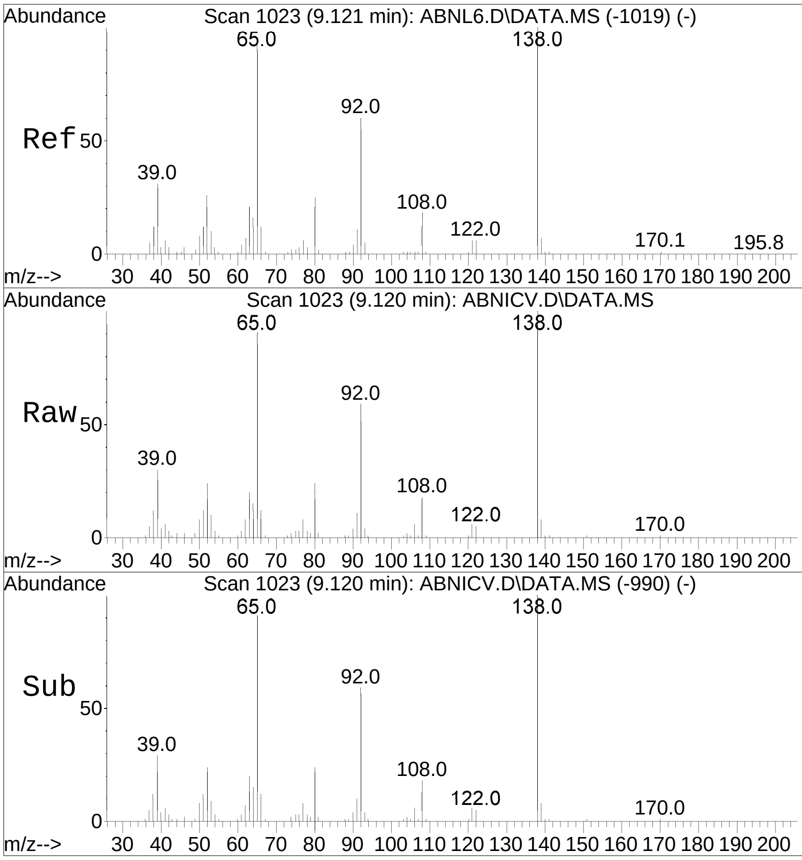


#47
2-Chloronaphthalene
Concen: 5.19 ug/ml
RT: 9.000 min Scan# 1007
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:162 Resp: 202516

Ion	Ratio	Lower	Upper
162	100		
127	35.4	32.2	48.4
164	32.2	25.7	38.5

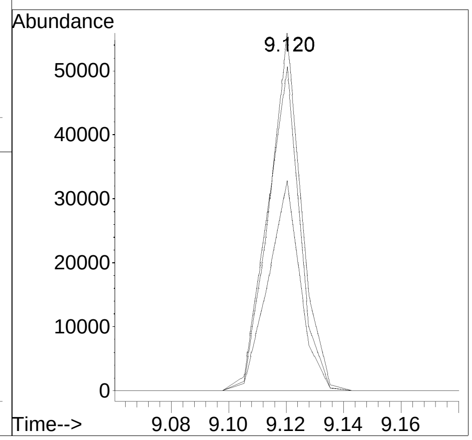


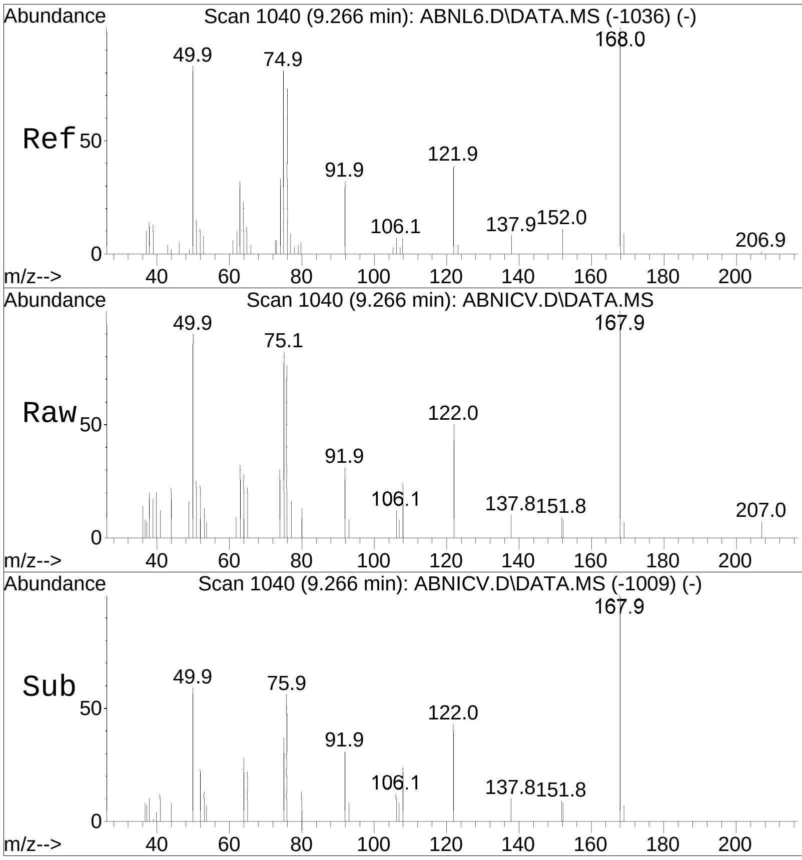


#48
2-Nitroaniline
Concen: 5.04 ug/ml
RT: 9.120 min Scan# 1023
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:138 Resp: 43241

Ion	Ratio	Lower	Upper
138	100		
92	58.8	53.5	80.3
65	92.2	86.3	129.5

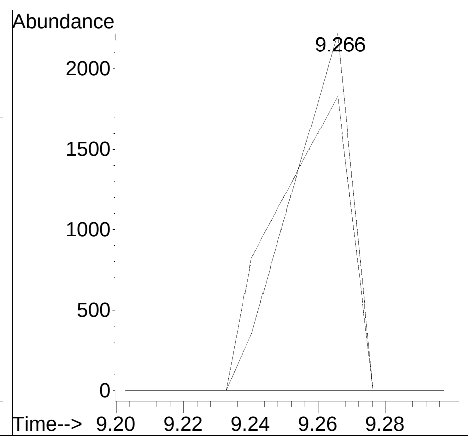


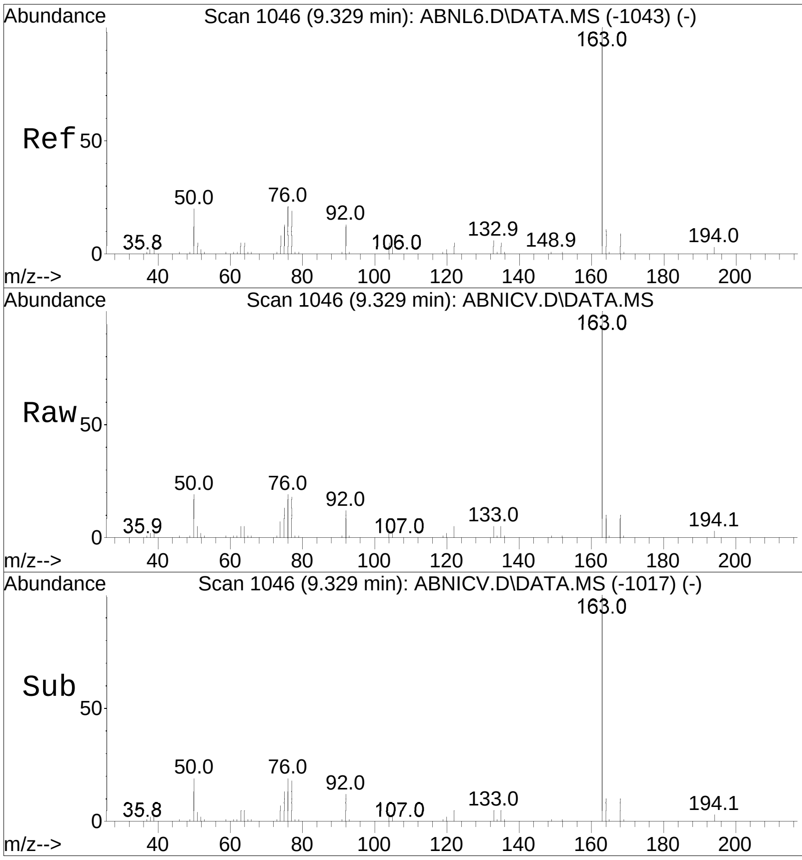


#49
1,4-Dinitrobenzene
Concen: 3.02 ug/ml M3
RT: 9.266 min Scan# 1040
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:168 Resp: 1972

Ion	Ratio	Lower	Upper
168	100		
75	1635.6	121.8	182.8#

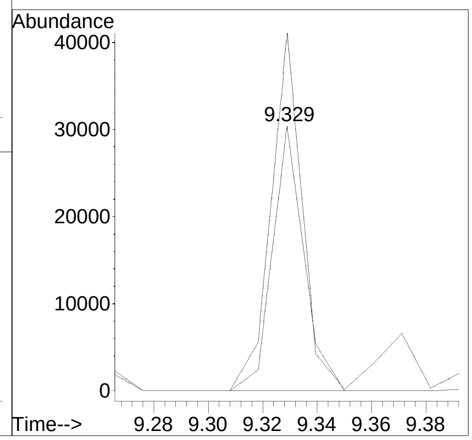


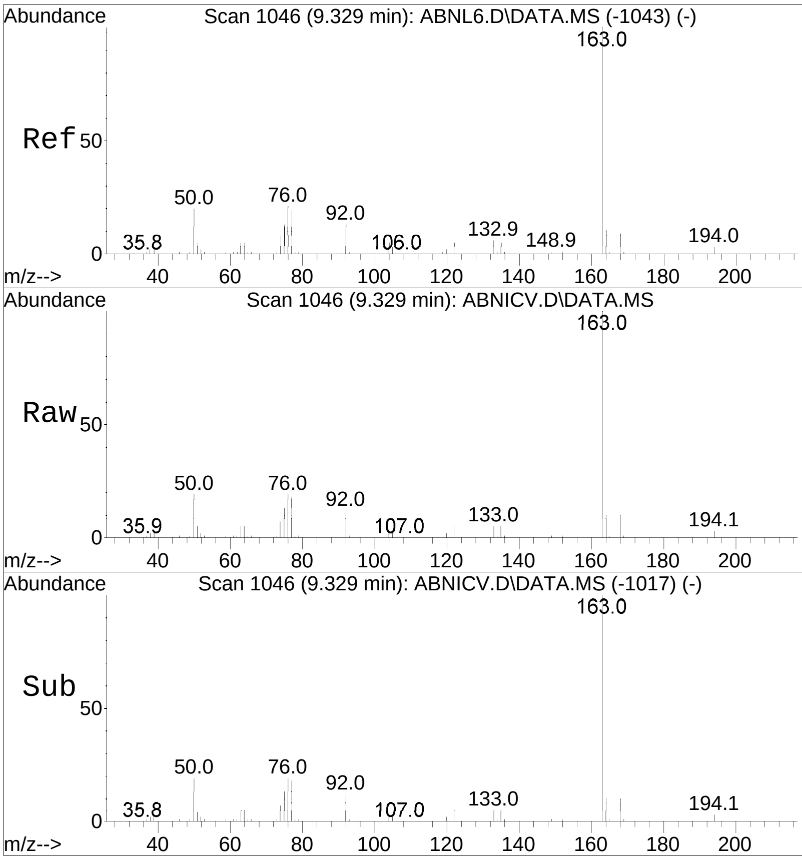


#50
1,3-Dinitrobenzene
Concen: 4.49 ug/ml
RT: 9.329 min Scan# 1046
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:168 Resp: 24161

Ion	Ratio	Lower	Upper
168	100		
75	133.5	22.7	34.1#

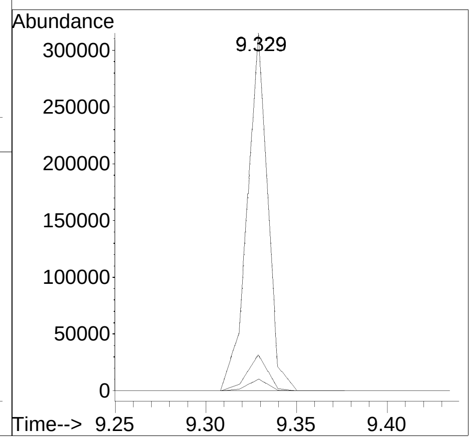


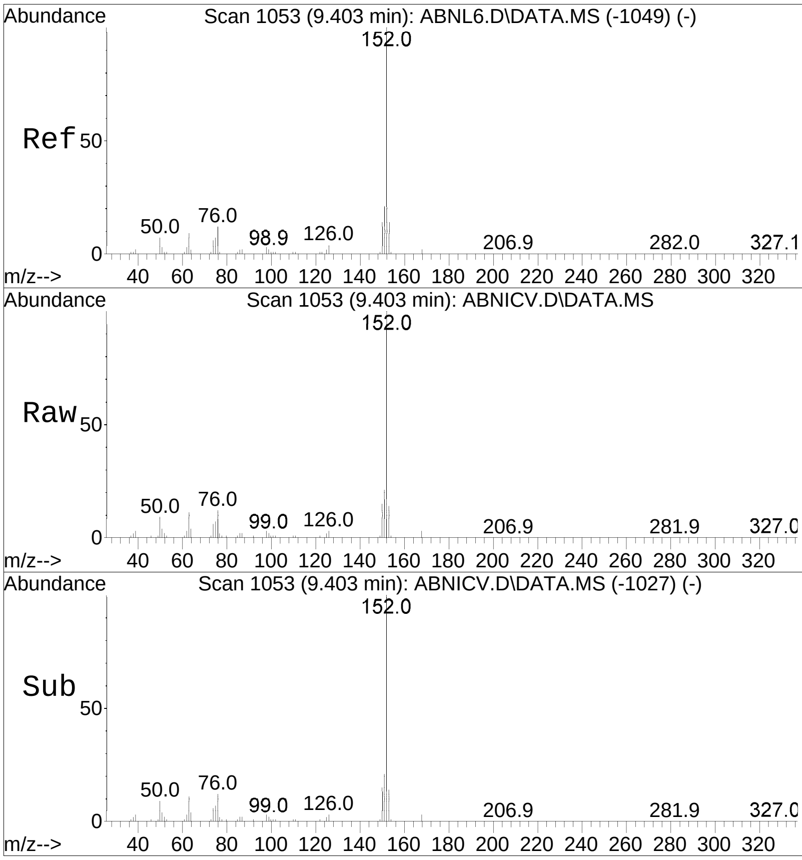


#51
Dimethyl phthalate
Concen: 5.23 ug/ml
RT: 9.329 min Scan# 1046
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:163 Resp: 245370

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	10.3	7.9	11.9

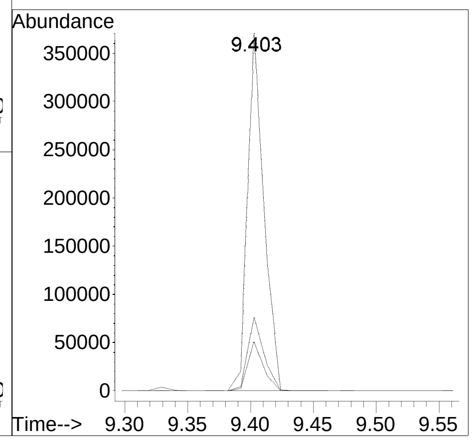


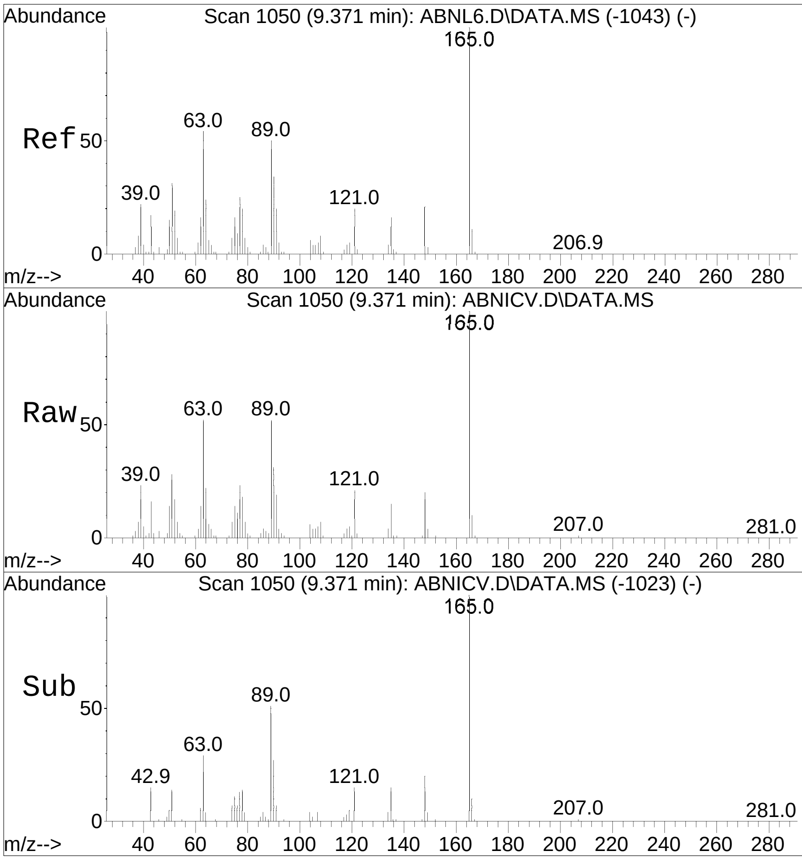


#52
Acenaphthylene
Concen: 5.36 ug/ml
RT: 9.403 min Scan# 1053
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:152 Resp: 332051

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.6
153	13.2	10.5	15.7

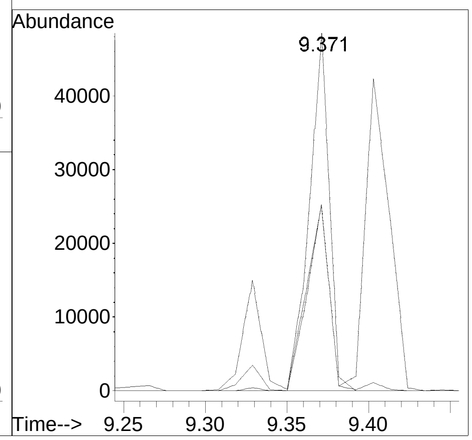


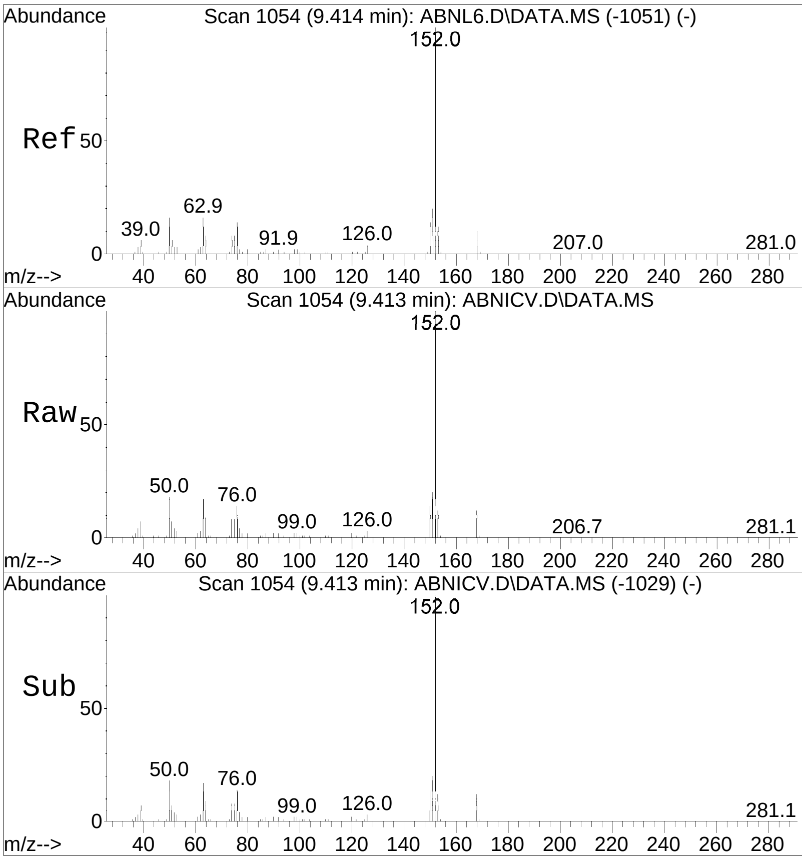


#53
2,6-Dinitrotoluene
Concen: 5.69 ug/ml
RT: 9.371 min Scan# 1050
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:165 Resp: 44259

Ion	Ratio	Lower	Upper
165	100		
89	53.5	54.2	81.2#
63	53.9	64.2	96.2#

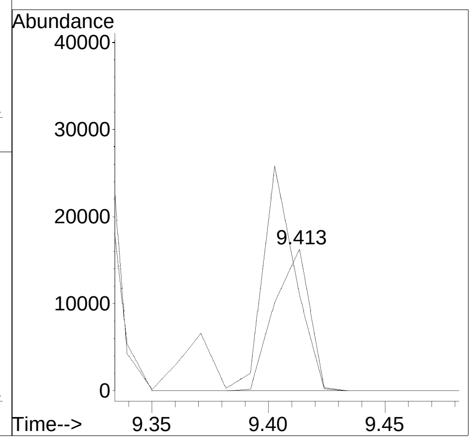


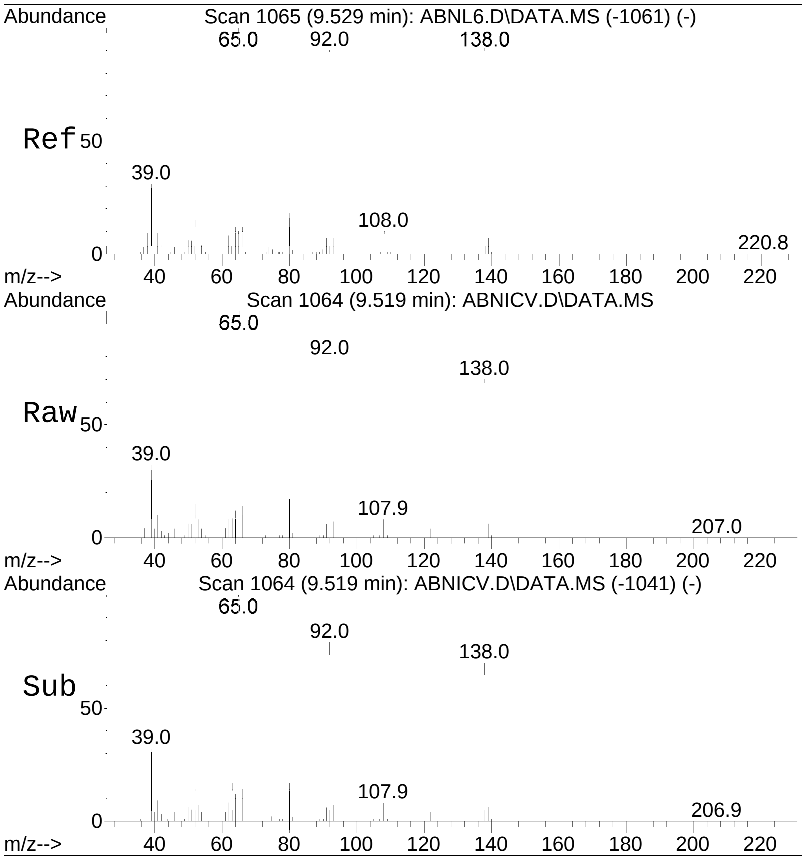


#54
1,2-Dinitrobenzene
Concen: 5.26 ug/ml
RT: 9.413 min Scan# 1054
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:168 Resp: 17122

Ion	Ratio	Lower	Upper
168	100		
75	180.9	30.9	46.3#

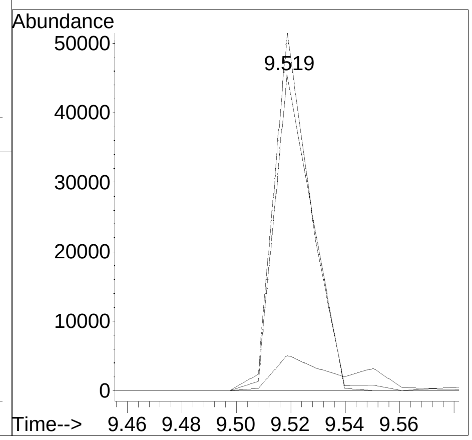


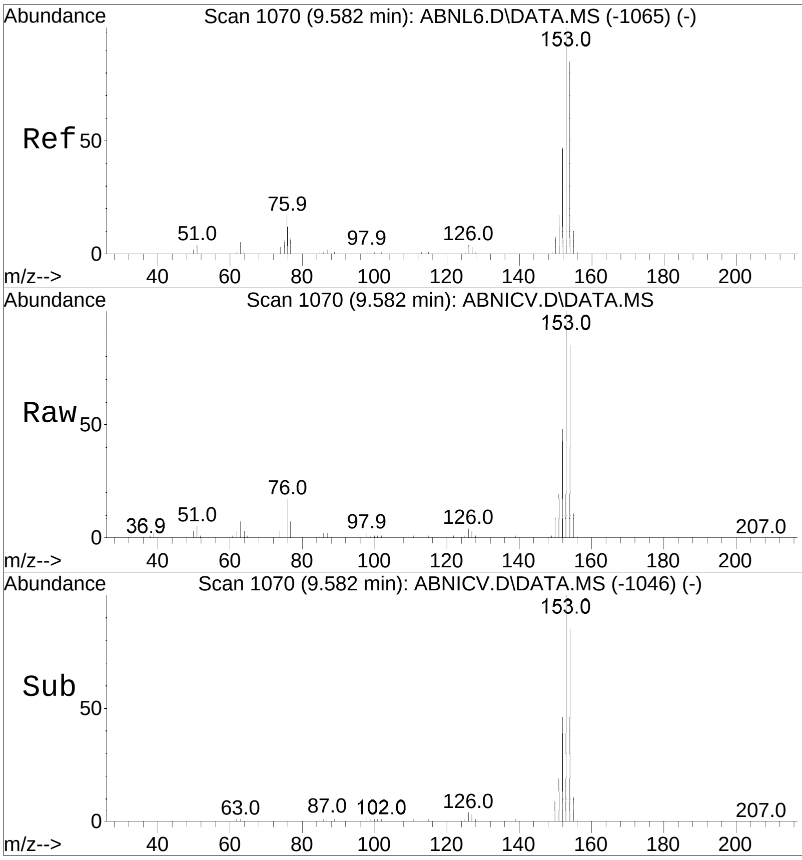


#64
3-Nitroaniline
Concen: 5.37 ug/ml
RT: 9.519 min Scan# 1064
Delta R.T. -0.010 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:138 Resp: 44052

Ion	Ratio	Lower	Upper
138	100		
92	110.1	93.4	140.2
108	22.0	9.5	14.3#

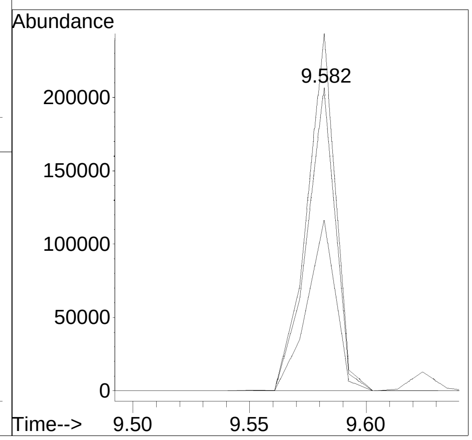


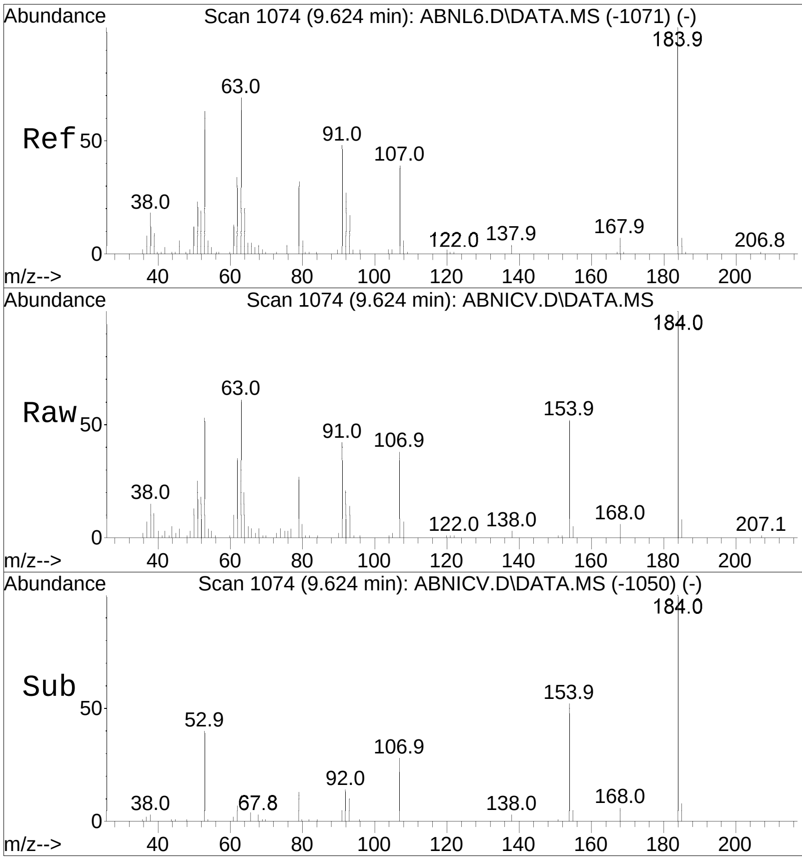


#65
Acenaphthene
Concen: 4.97 ug/ml
RT: 9.582 min Scan# 1070
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:154 Resp: 177976

Ion	Ratio	Lower	Upper
154	100		
153	117.0	85.3	127.9
152	56.4	41.4	62.0

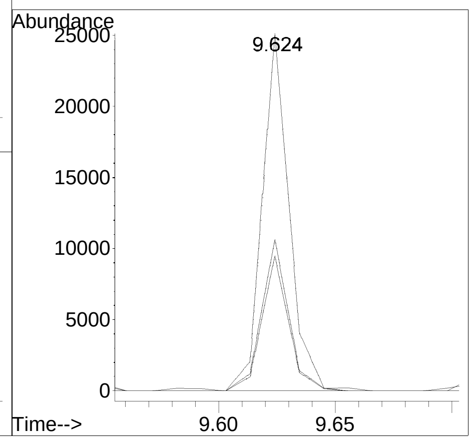


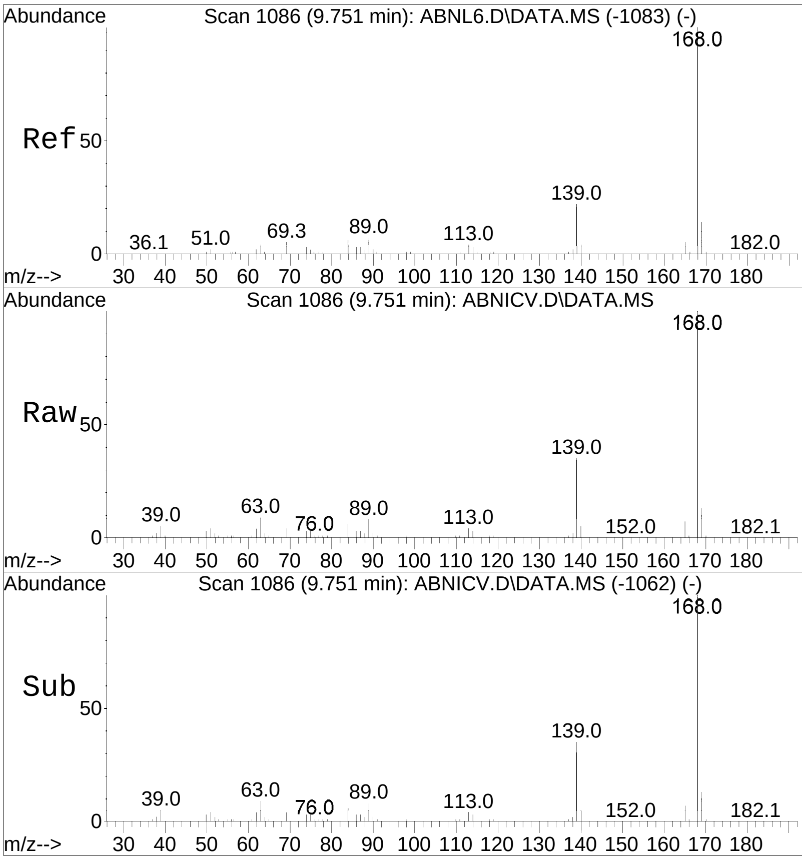


#66
2,4-Dinitrophenol
Concen: 4.70 ug/ml
RT: 9.624 min Scan# 1074
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:184 Resp: 19873

Ion	Ratio	Lower	Upper
184	100		
107	37.9	37.7	56.5
91	44.5	46.3	69.5#

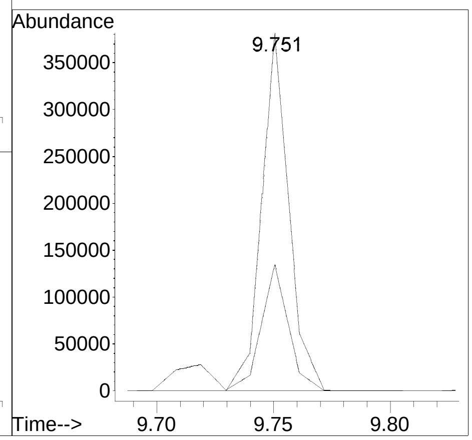


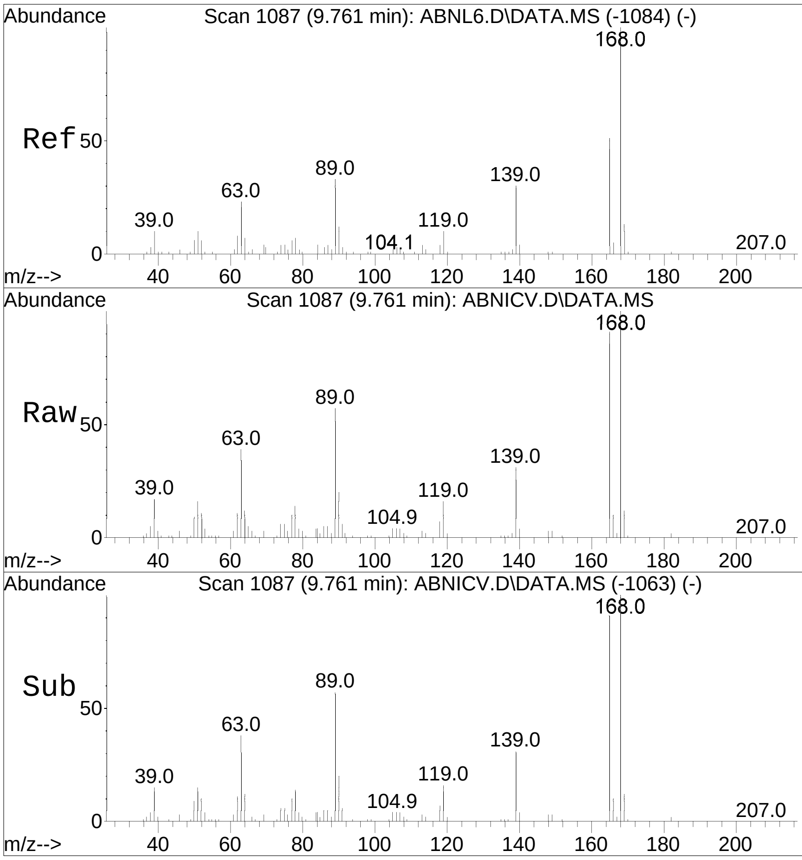


#67
Dibenzofuran
Concen: 4.91 ug/ml
RT: 9.751 min Scan# 1086
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:168 Resp: 305266

Ion	Ratio	Lower	Upper
168	100		
139	50.9	31.4	47.2#

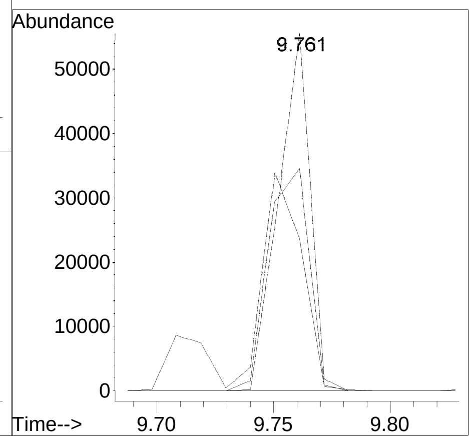


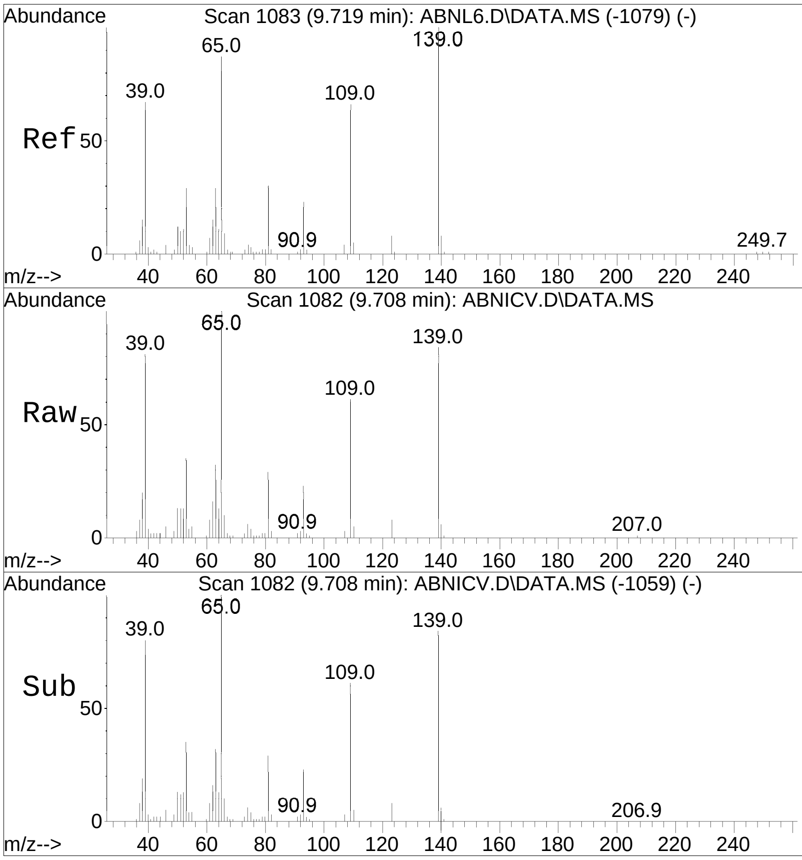


#68
2,4-Dinitrotoluene
Concen: 4.64 ug/ml
RT: 9.761 min Scan# 1087
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:165 Resp: 52324

Ion	Ratio	Lower	Upper
165	100		
89	80.3	72.0	108.0
63	75.2	52.7	79.1

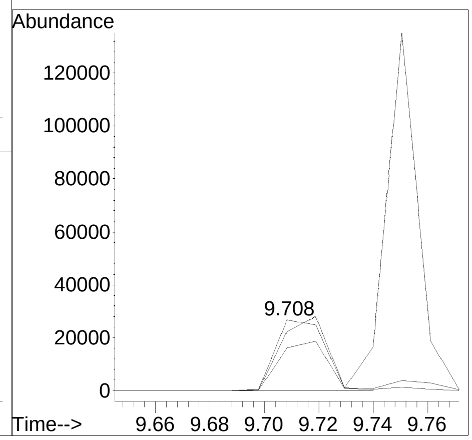


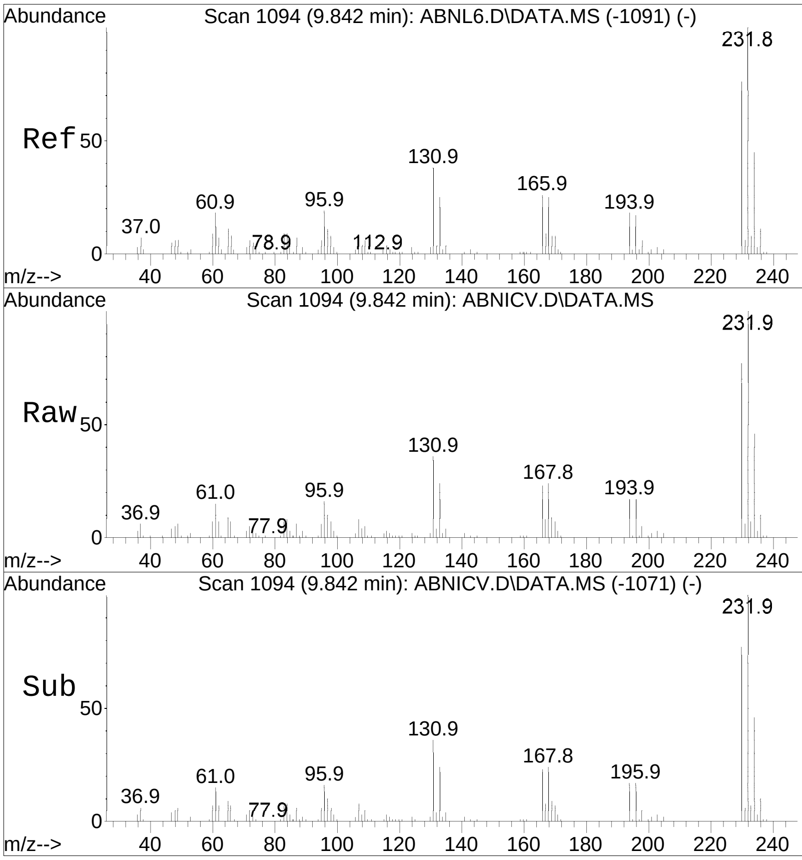


#69
4-Nitrophenol
Concen: 5.42 ug/ml
RT: 9.708 min Scan# 1082
Delta R.T. -0.011 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 65 Resp: 33937

Ion	Ratio	Lower	Upper
65	100		
109	67.6	47.4	71.2
139	0.0	76.6	115.0#

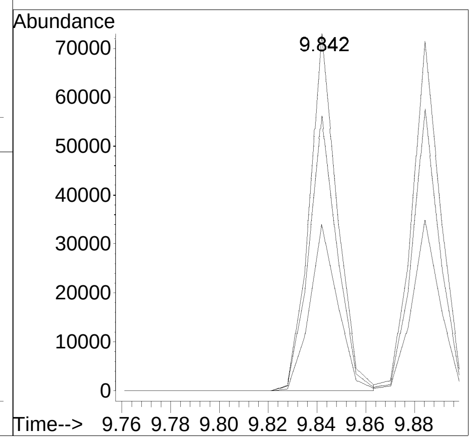


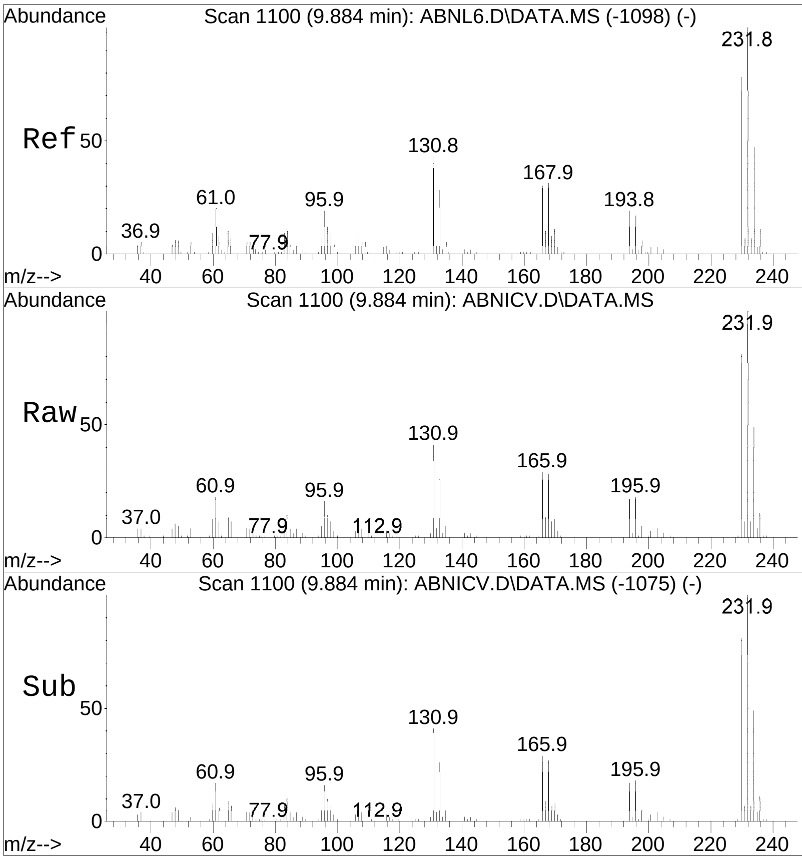


#70
2,3,5,6-Tetrachlorophenol
Concen: 6.97 ug/ml
RT: 9.842 min Scan# 1094
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:232 Resp: 82818

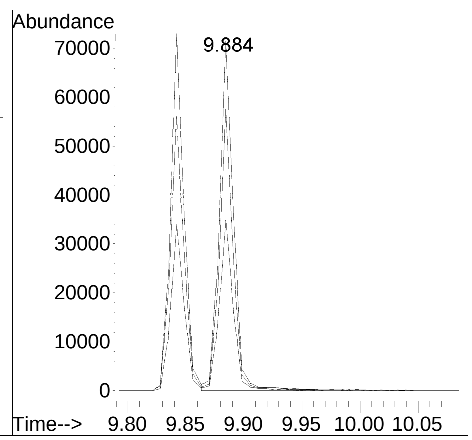
Ion	Ratio	Lower	Upper
232	100		
230	78.0	64.2	96.4
234	47.1	38.1	57.1

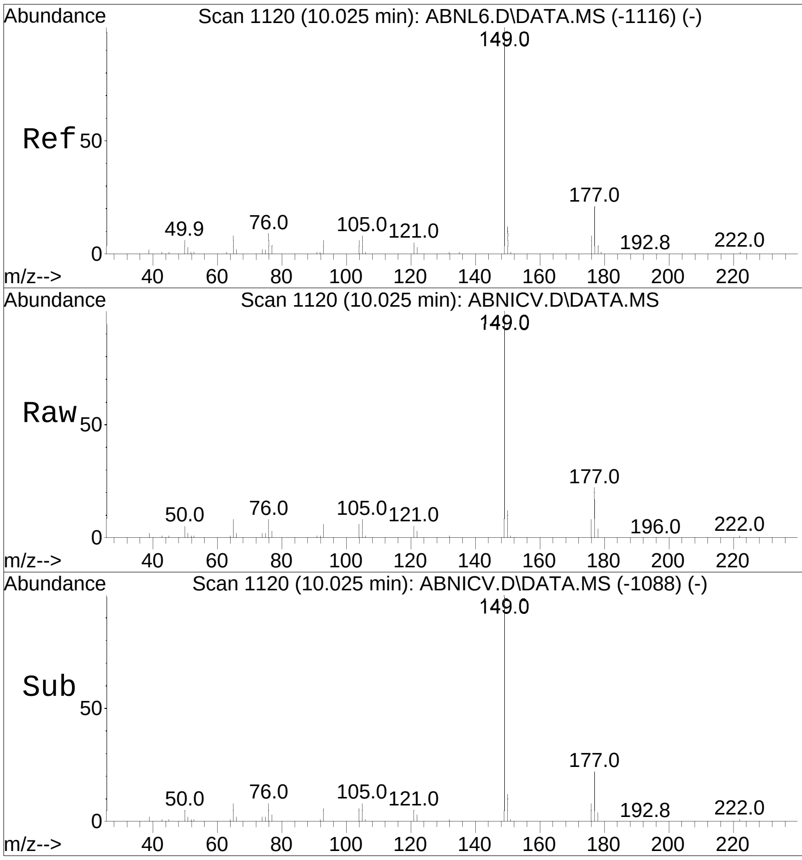




#71
2,3,4,6-Tetrachlorophenol
Concen: 5.42 ug/ml
RT: 9.884 min Scan# 1100
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt	Ion:232	Resp:	60689
Ion	Ratio	Lower	Upper
232	100		
230	77.3	61.8	92.8
234	47.9	36.2	54.2

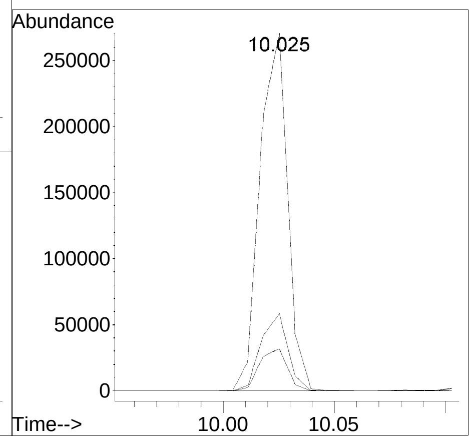


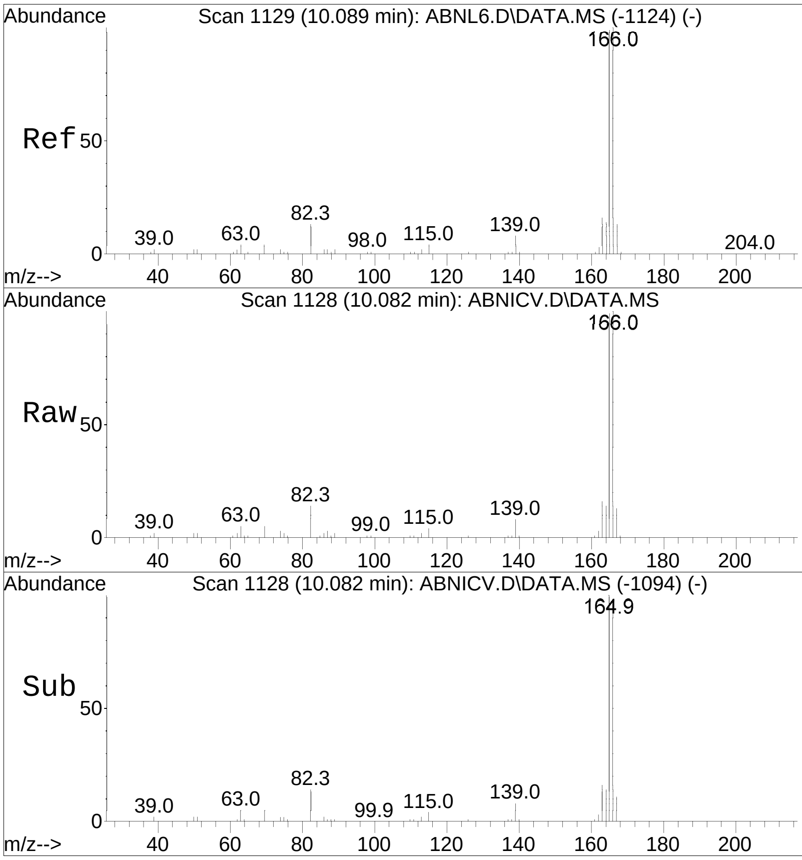


#72
Diethyl phthalate
Concen: 5.25 ug/ml
RT: 10.025 min Scan# 1120
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:149 Resp: 232030

Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.0	9.4	14.2

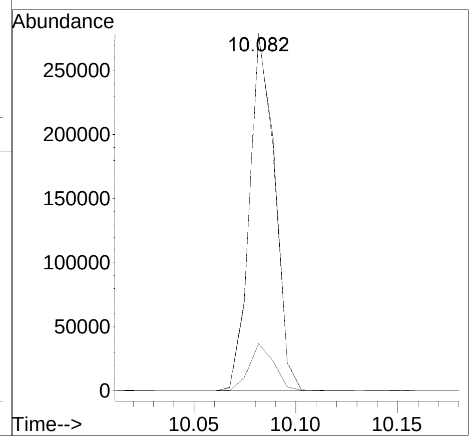


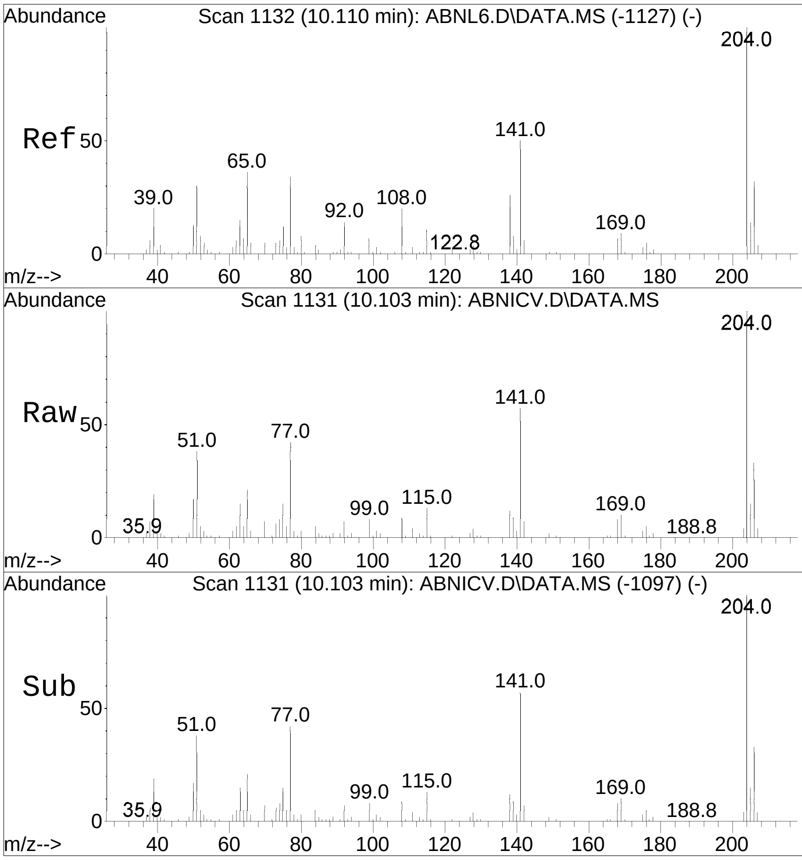


#73
Fluorene
Concen: 5.21 ug/ml
RT: 10.082 min Scan# 1128
Delta R.T. -0.007 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:166 Resp: 238812

Ion	Ratio	Lower	Upper
166	100		
165	101.0	76.2	114.2
167	13.3	10.6	15.8

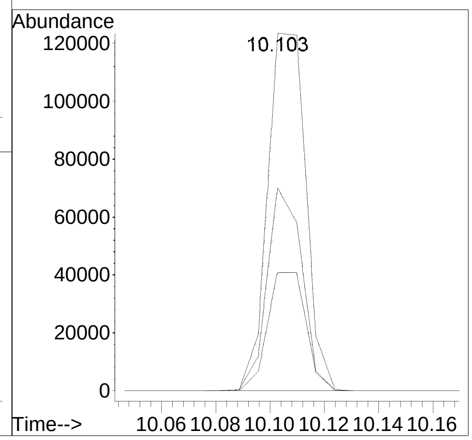


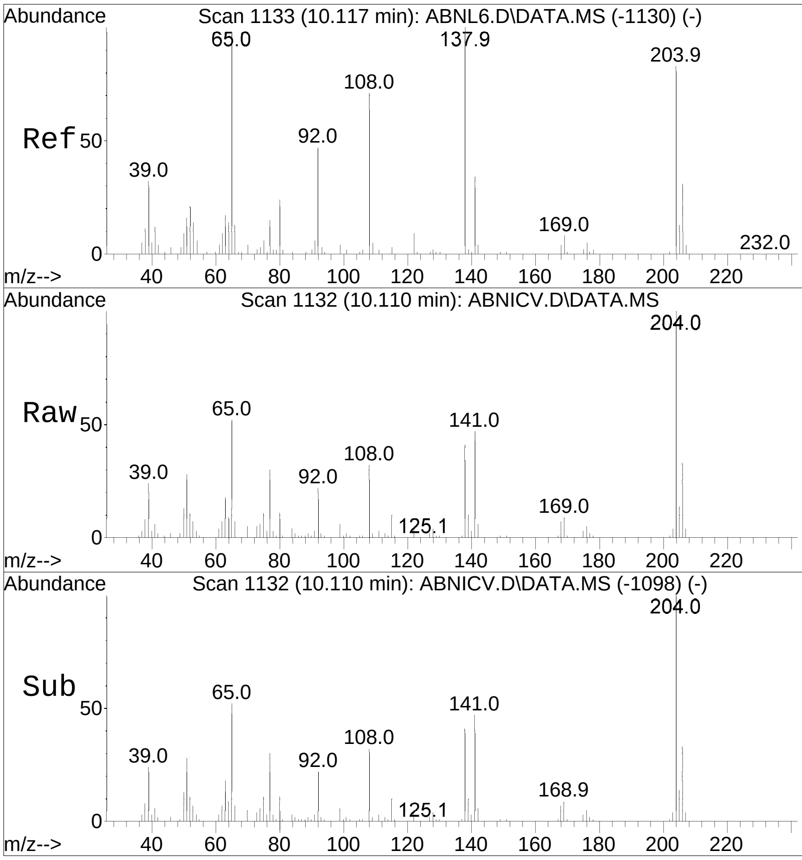


#74
4-Chlorophenyl phenyl ether
Concen: 5.04 ug/ml
RT: 10.103 min Scan# 1131
Delta R.T. -0.007 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:204 Resp: 120770

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	51.8	53.6	80.4#

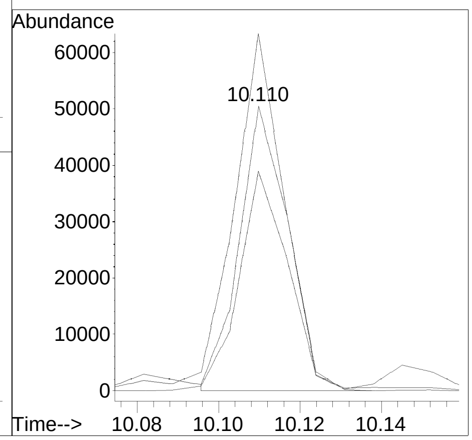


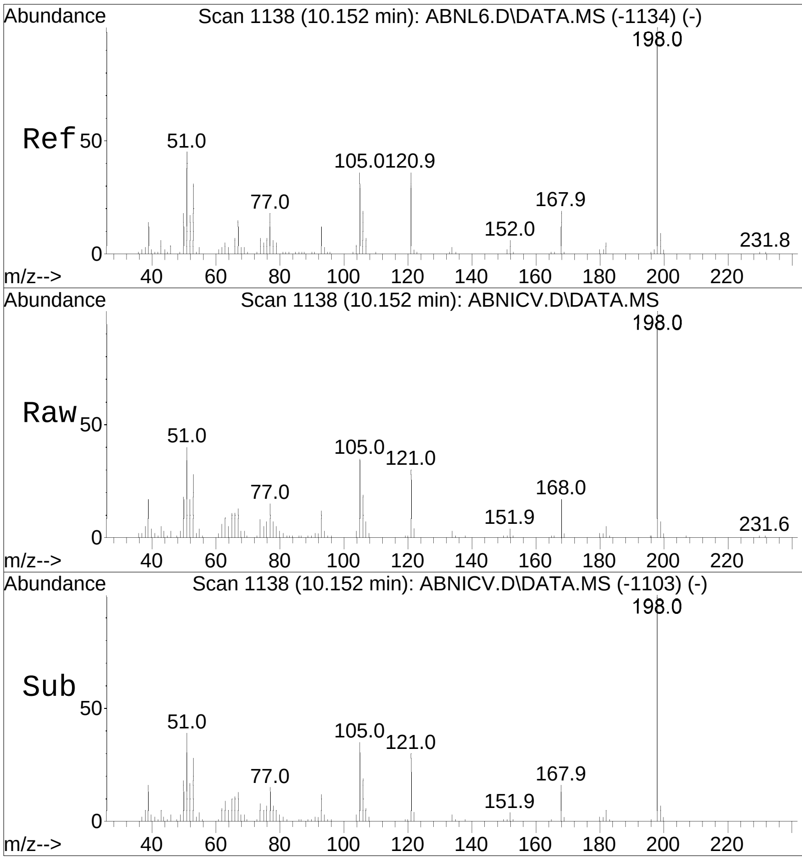


#75
4-Nitroaniline
Concen: 5.26 ug/ml M6
RT: 10.110 min Scan# 1132
Delta R.T. -0.007 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:138 Resp: 42007

Ion	Ratio	Lower	Upper
138	100		
108	80.5	52.1	78.1#
65	131.8	115.0	172.6

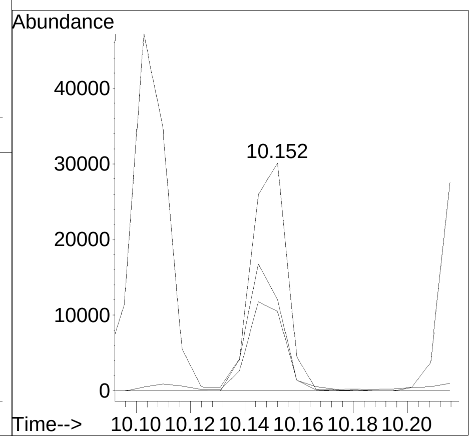


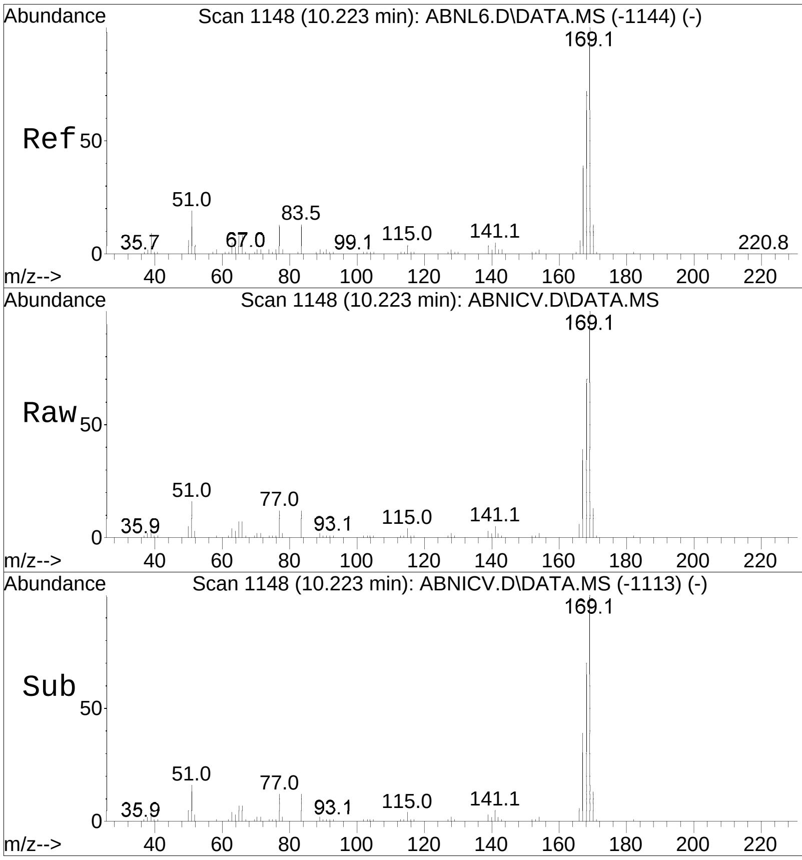


#76
4,6-Dinitro-o-cresol
Concen: 4.14 ug/ml
RT: 10.152 min Scan# 1138
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:198 Resp: 27559

Ion	Ratio	Lower	Upper
198	100		
51	54.9	76.0	114.0#
105	40.8	45.6	68.4#

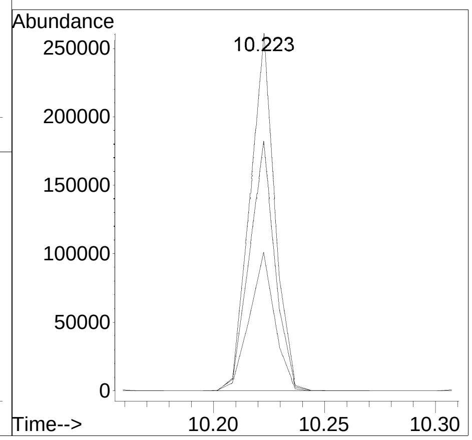


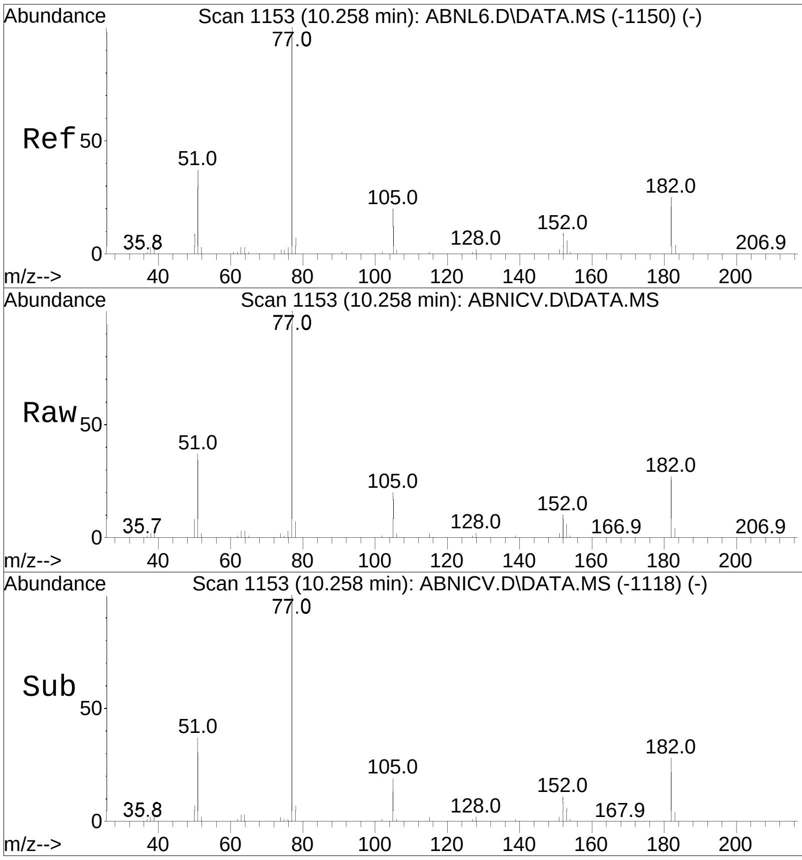


#77
NDPA/DPA
Concen: 5.30 ug/ml
RT: 10.223 min Scan# 1148
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:169 Resp: 202666

Ion	Ratio	Lower	Upper
169	100		
168	71.9	54.0	81.0
167	39.6	28.6	42.8

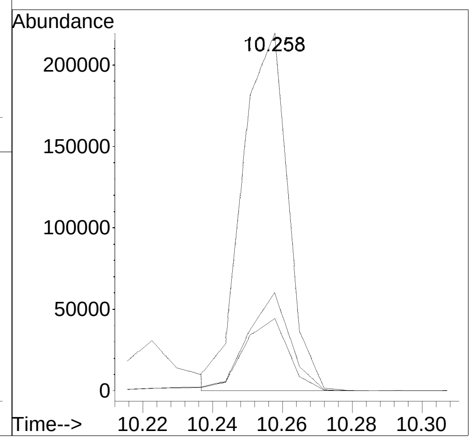


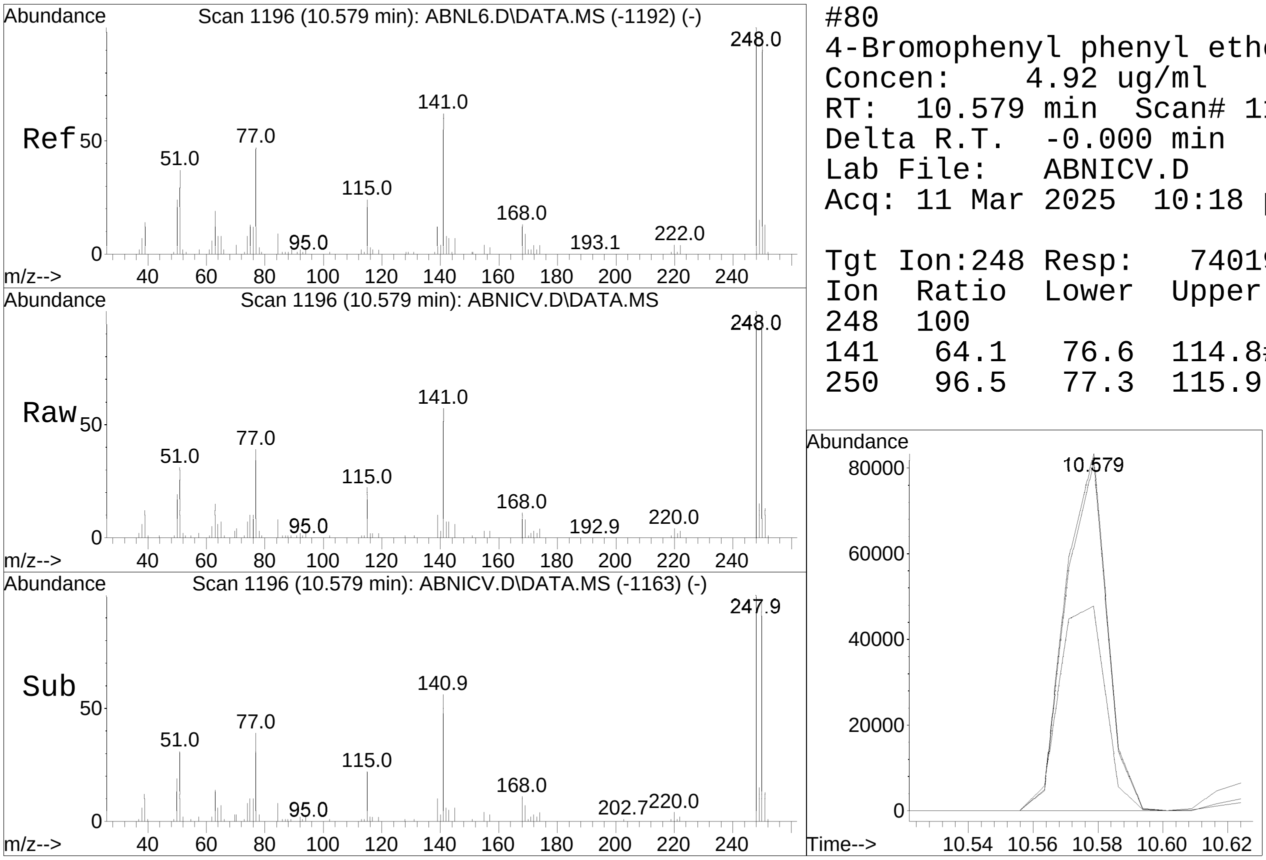


#78
Azobenzene
Concen: 5.43 ug/ml
RT: 10.258 min Scan# 1153
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion: 77 Resp: 197919

Ion	Ratio	Lower	Upper
77	100		
182	27.0	17.4	26.2#
105	21.4	15.4	23.2

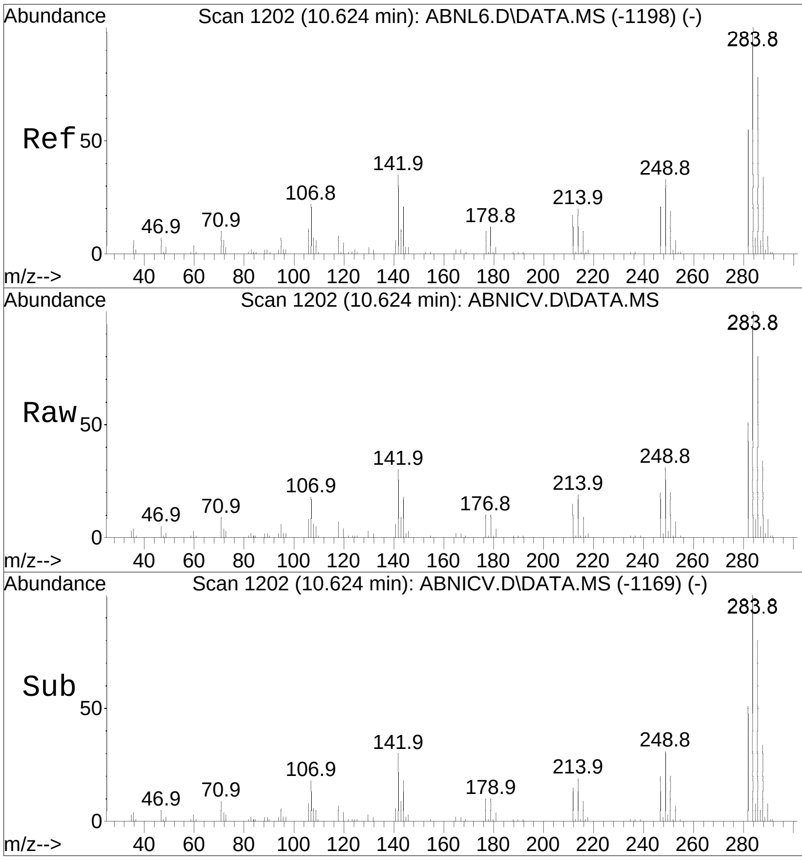




#80
4-Bromophenyl phenyl ether
Concen: 4.92 ug/ml
RT: 10.579 min Scan# 1196
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:248 Resp: 74019

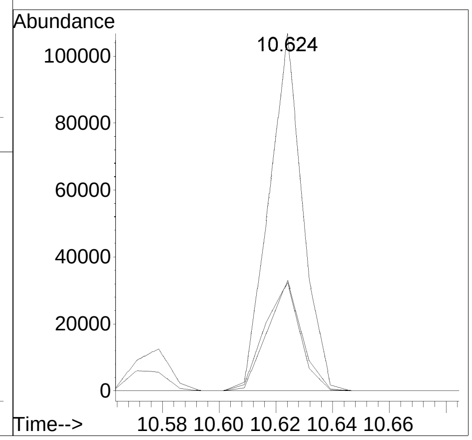
Ion	Ratio	Lower	Upper
248	100		
141	64.1	76.6	114.8#
250	96.5	77.3	115.9

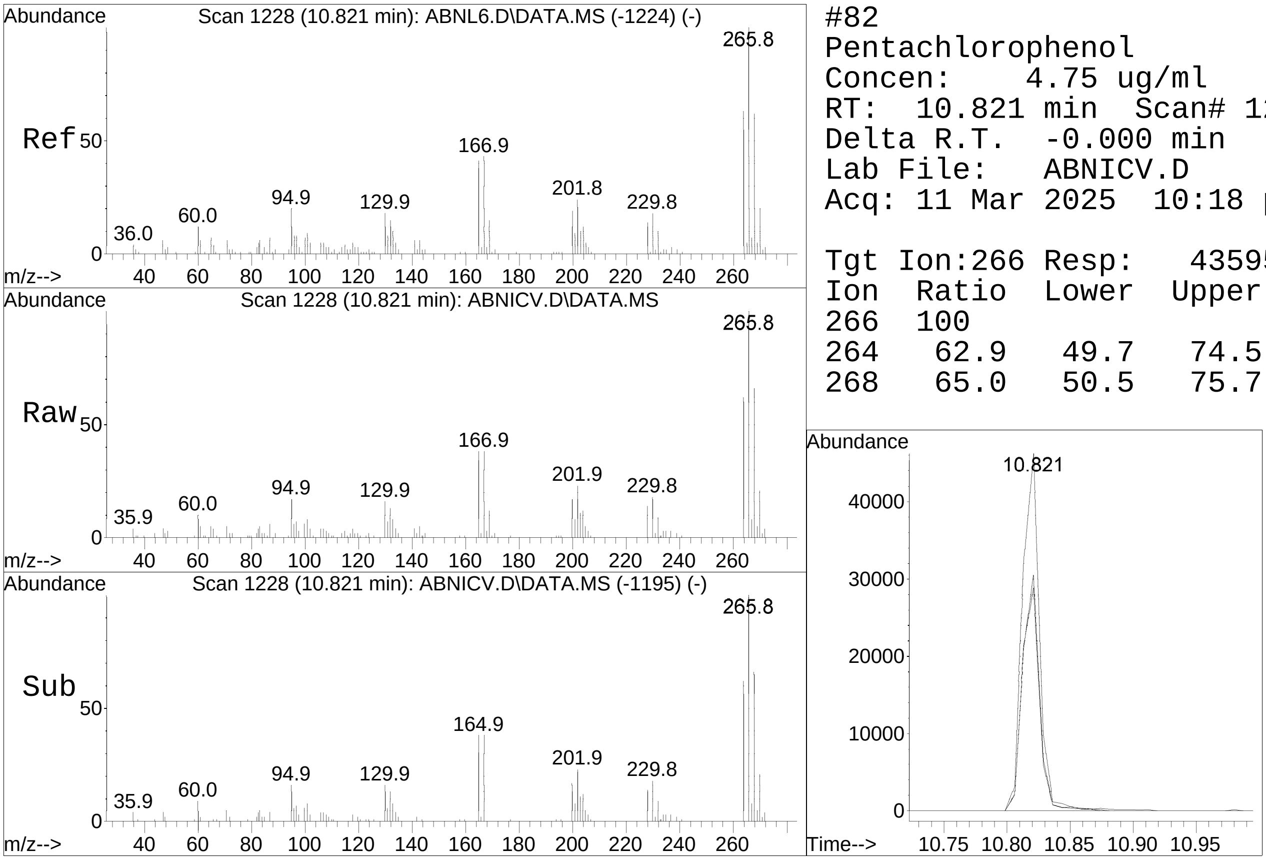


#81
Hexachlorobenzene
Concen: 4.99 ug/ml
RT: 10.624 min Scan# 1202
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:284 Resp: 88174

Ion	Ratio	Lower	Upper
284	100		
142	31.8	41.9	62.9#
249	31.2	24.1	36.1

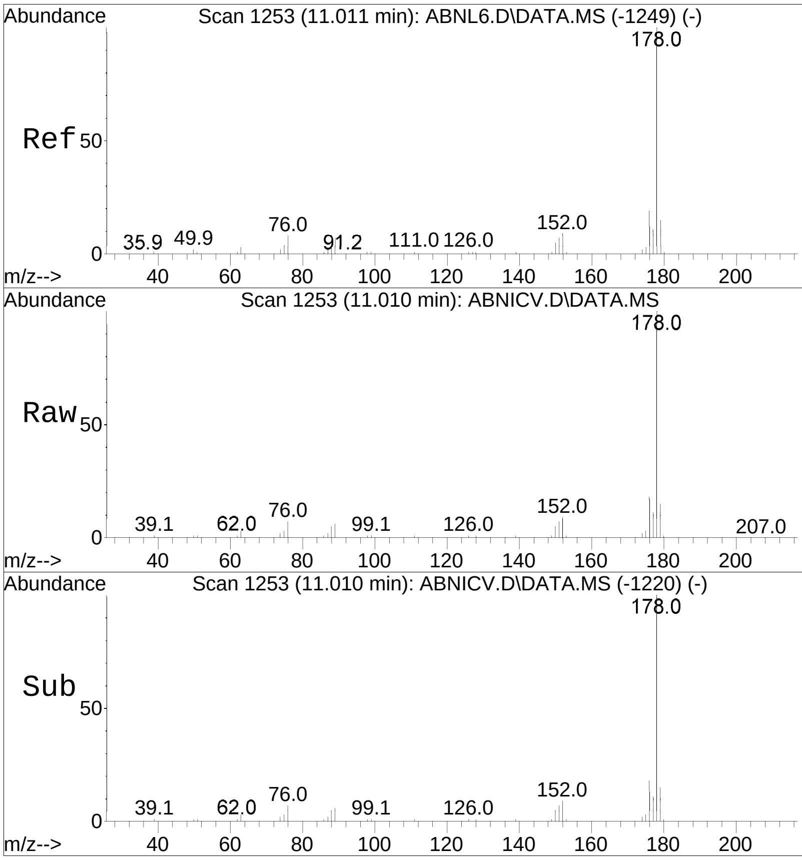




#82
Pentachlorophenol
Concen: 4.75 ug/ml
RT: 10.821 min Scan# 1228
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:266 Resp: 43595

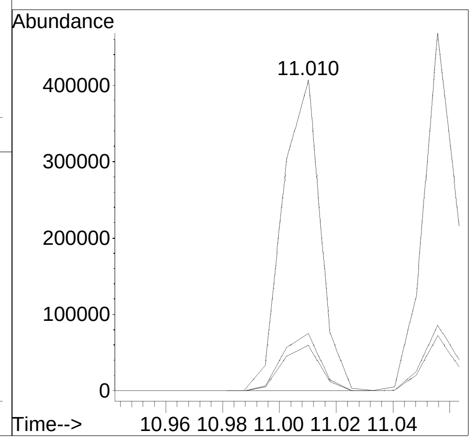
Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.7	74.5
268	65.0	50.5	75.7

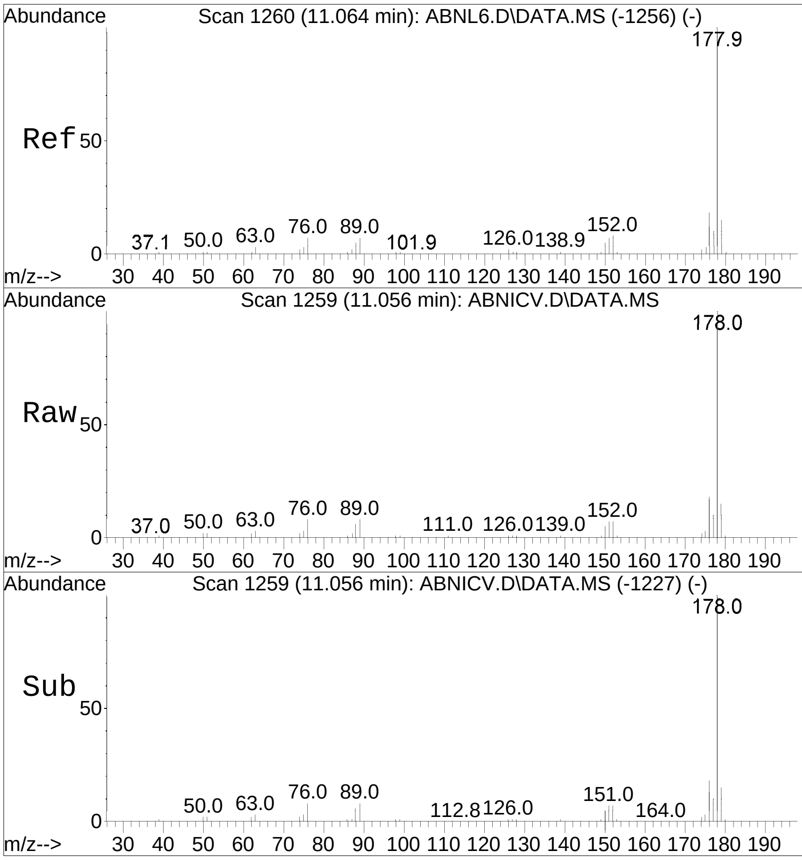


#89
Phenanthrene
Concen: 5.17 ug/ml
RT: 11.010 min Scan# 1253
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:178 Resp: 375117

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	18.5	15.4	23.2

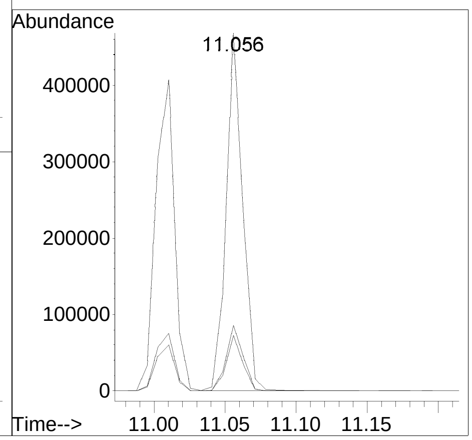


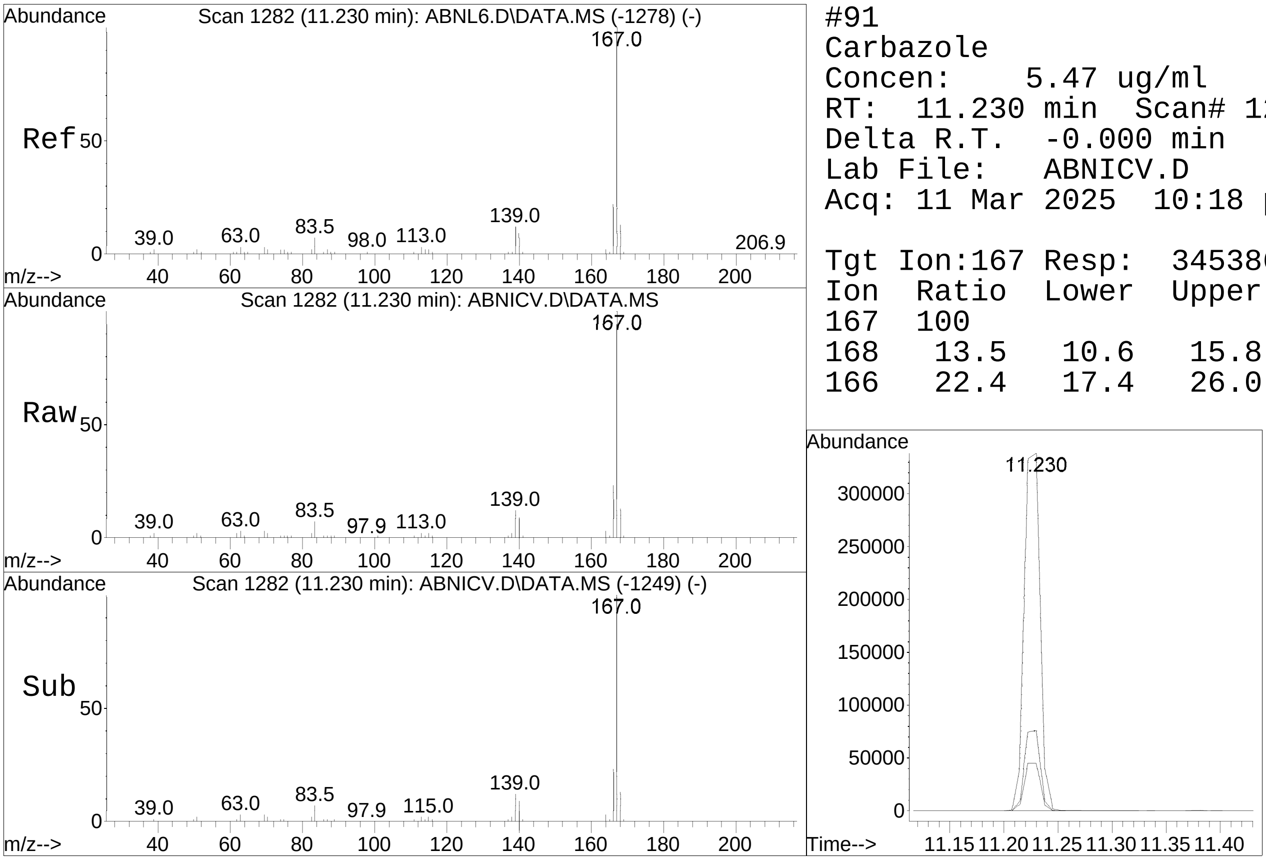


#90
Anthracene
Concen: 5.37 ug/ml
RT: 11.056 min Scan# 1259
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:178 Resp: 379894

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	18.7	14.6	22.0

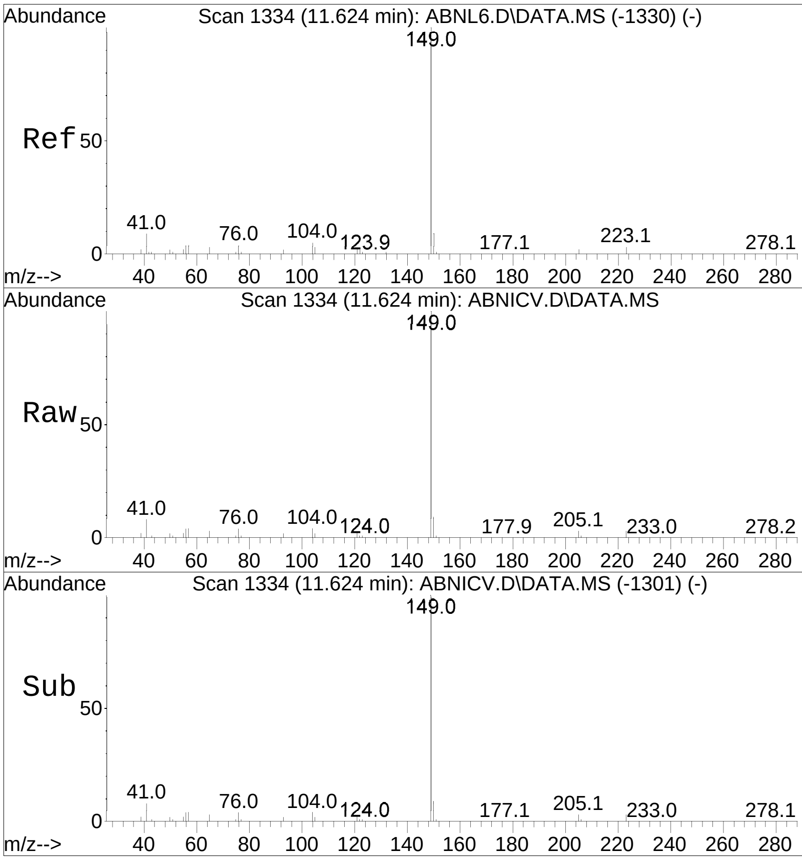




#91
Carbazole
Concen: 5.47 ug/ml
RT: 11.230 min Scan# 1282
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:167 Resp: 345386

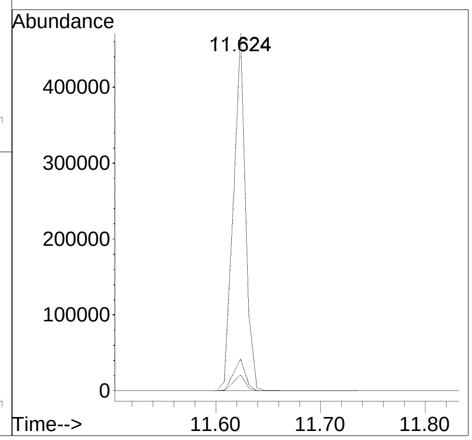
Ion	Ratio	Lower	Upper
167	100		
168	13.5	10.6	15.8
166	22.4	17.4	26.0

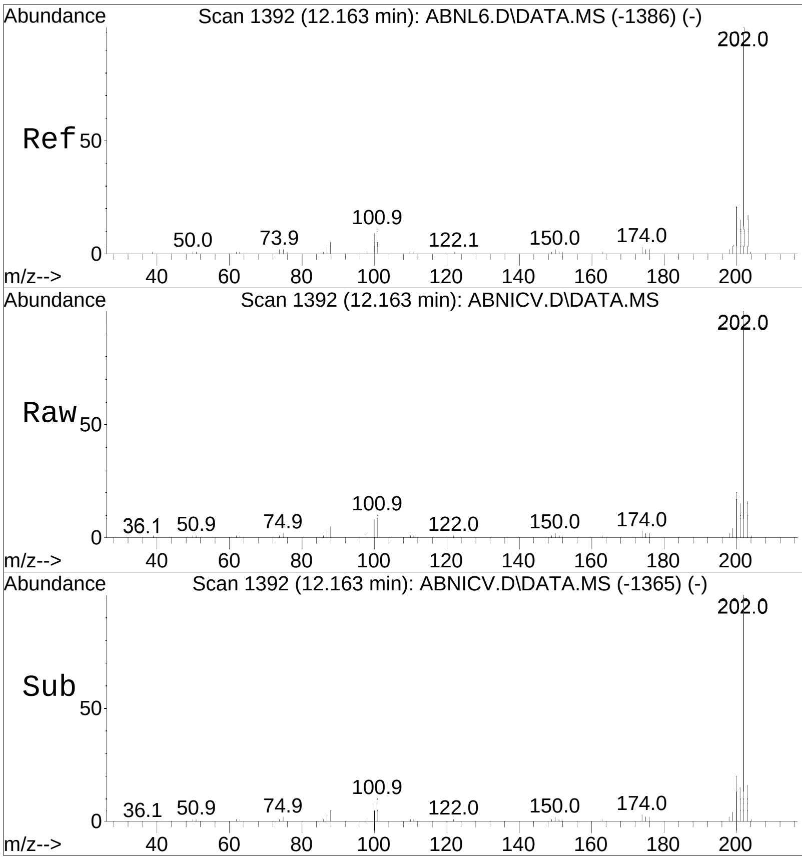


#92
Di-n-butylphthalate
Concen: 5.95 ug/ml
RT: 11.624 min Scan# 1334
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:149 Resp: 424514

Ion	Ratio	Lower	Upper
149	100		
150	7.8	7.0	10.6
104	4.1	4.5	6.7#

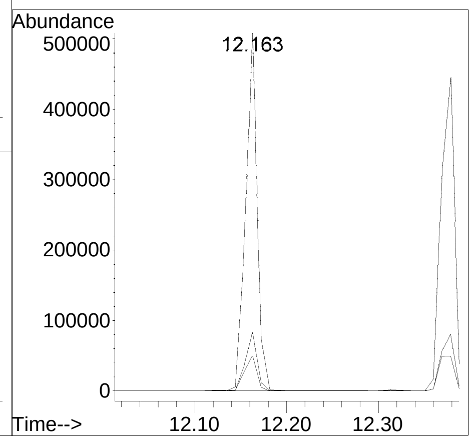


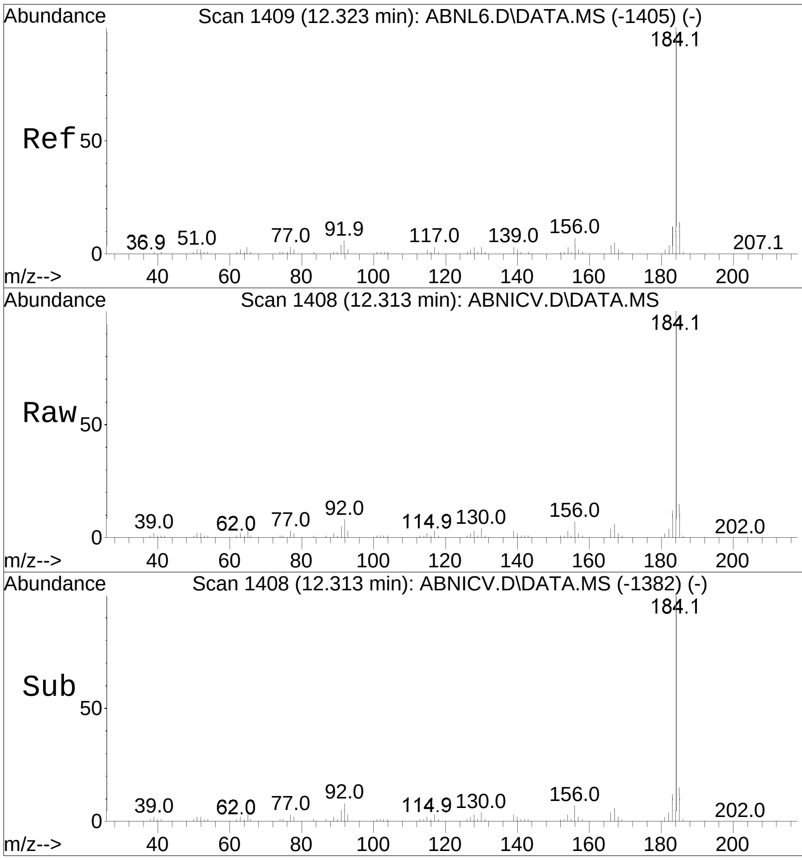


#93
Fluoranthene
Concen: 5.35 ug/ml
RT: 12.163 min Scan# 1392
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:202 Resp: 443321

Ion	Ratio	Lower	Upper
202	100		
101	10.6	13.5	20.3#
203	16.9	13.6	20.4

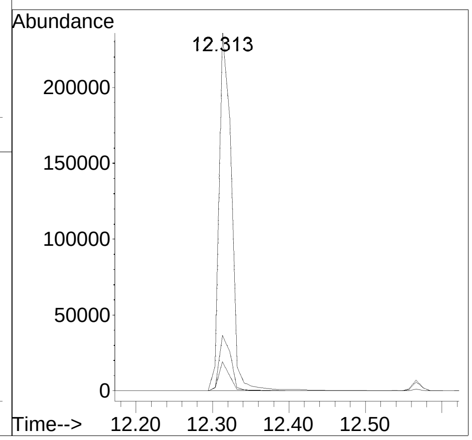


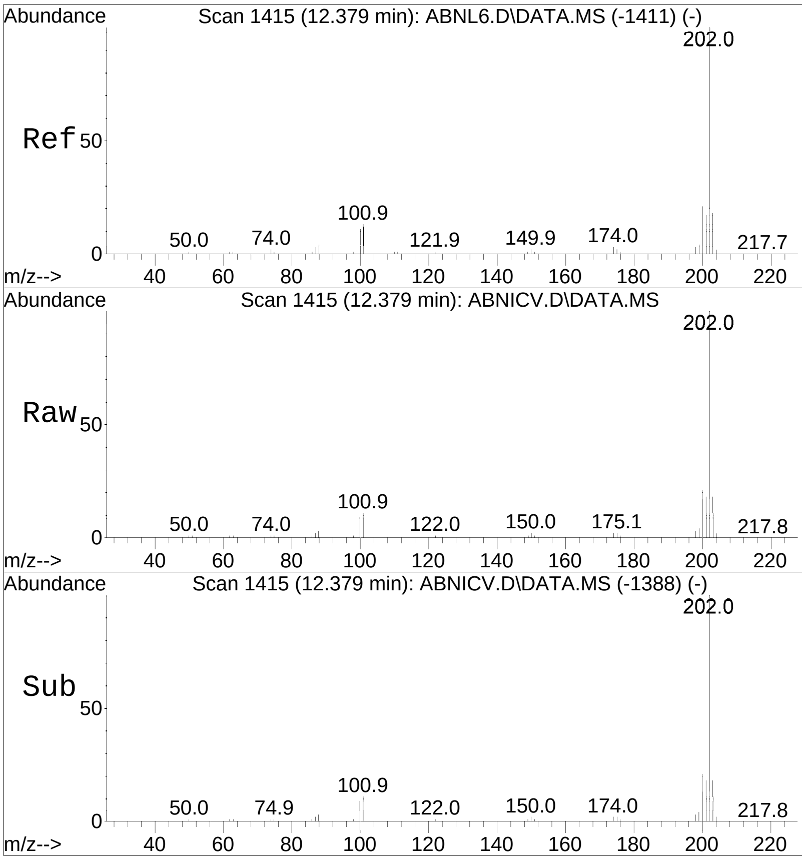


#94
Benzidine
Concen: 5.86 ug/ml
RT: 12.313 min Scan# 1408
Delta R.T. -0.010 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:184 Resp: 263438

Ion	Ratio	Lower	Upper
184	100		
92	7.2	9.1	13.7#
185	14.9	11.1	16.7

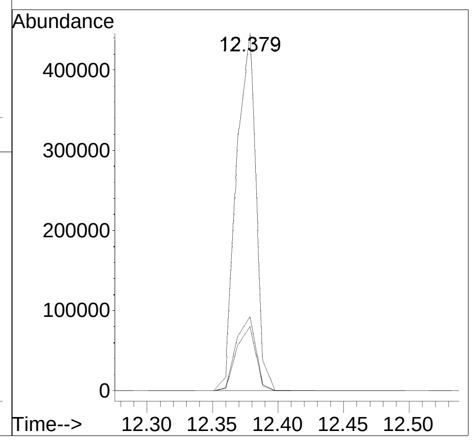


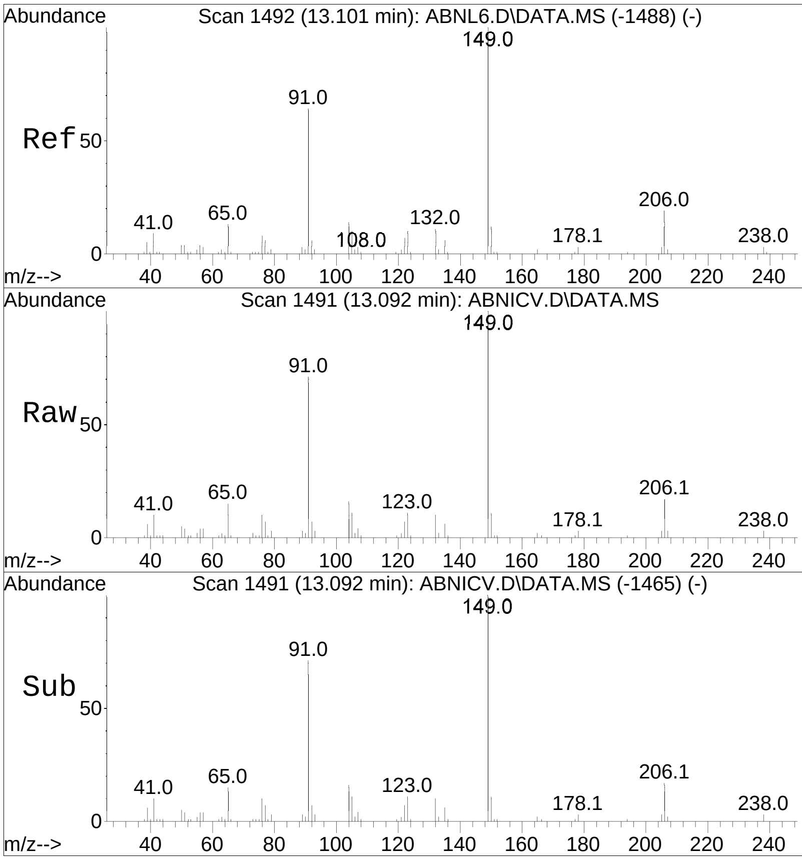


#95
Pyrene
Concen: 5.32 ug/ml
RT: 12.379 min Scan# 1415
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:202 Resp: 461974

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.8	14.2	21.4

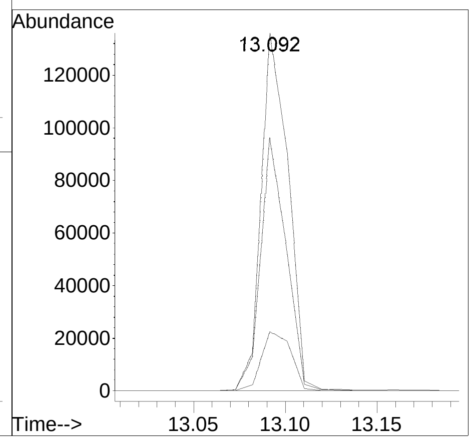


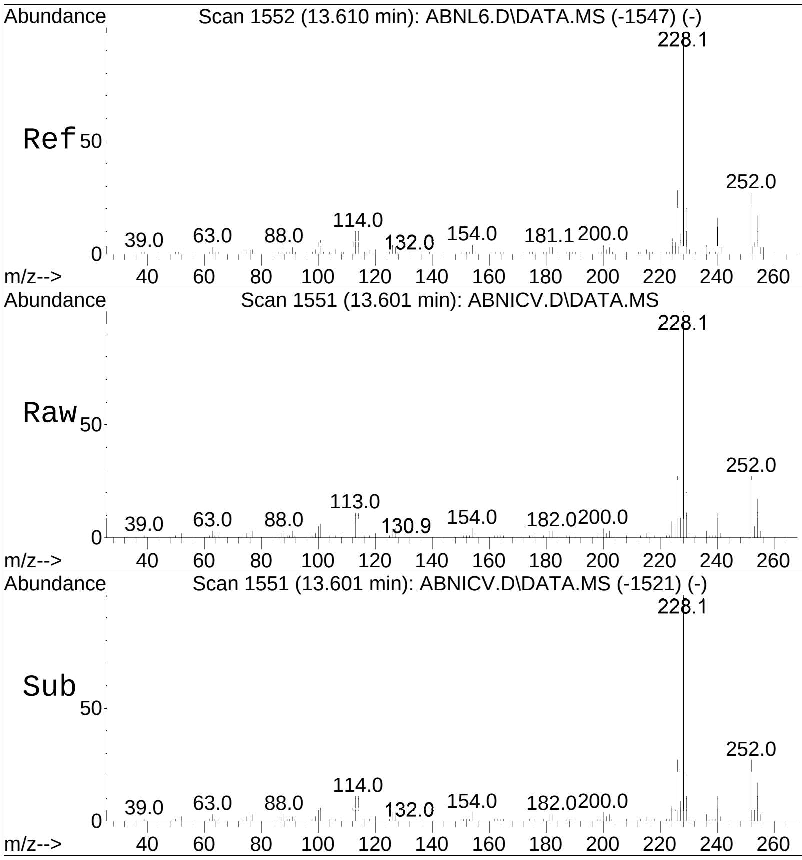


#97
Butyl benzyl phthalate
Concen: 4.30 ug/ml
RT: 13.092 min Scan# 1491
Delta R.T. -0.009 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:149 Resp: 138193

Ion	Ratio	Lower	Upper
149	100		
91	67.4	63.3	94.9
206	18.1	13.9	20.9

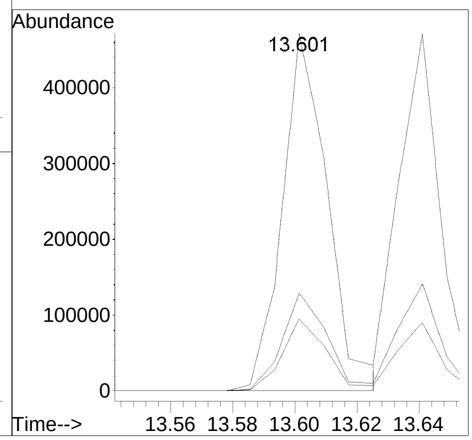


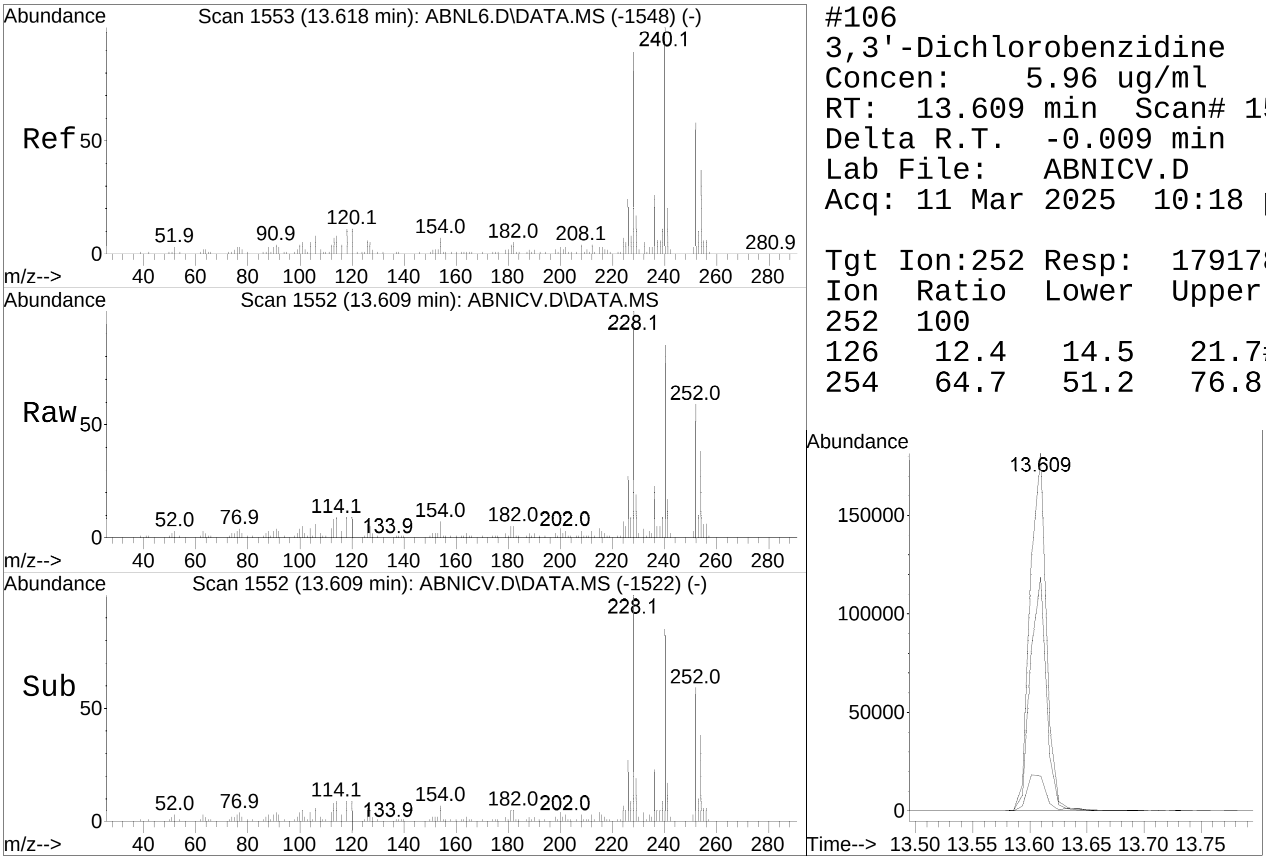


#105
Benzo(a)anthracene
Concen: 5.31 ug/ml
RT: 13.601 min Scan# 1551
Delta R.T. -0.009 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:228 Resp: 475634

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	19.9	15.6	23.4

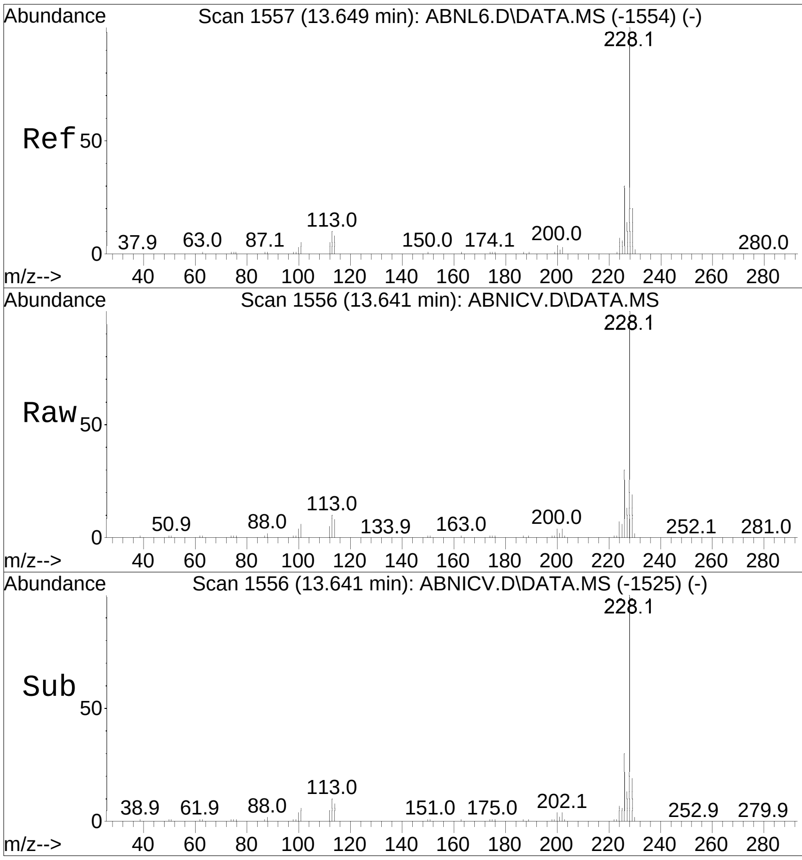




#106
3,3'-Dichlorobenzidine
Concen: 5.96 ug/ml
RT: 13.609 min Scan# 1552
Delta R.T. -0.009 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:252 Resp: 179178

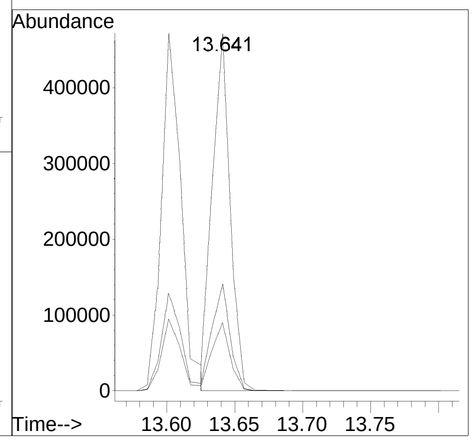
Ion	Ratio	Lower	Upper
252	100		
126	12.4	14.5	21.7#
254	64.7	51.2	76.8

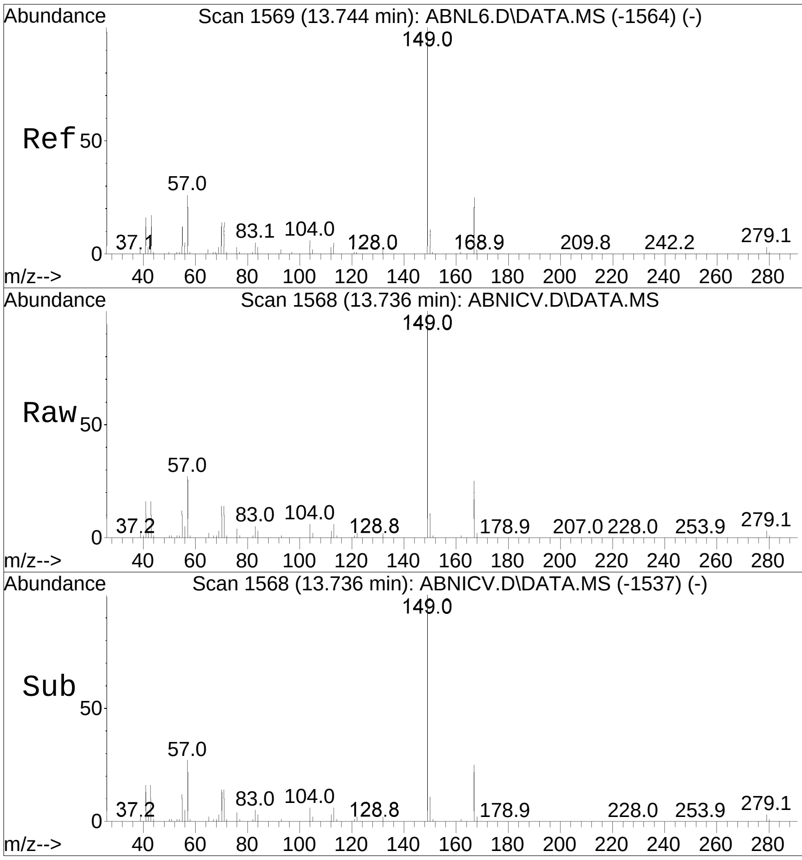


#107
Chrysene
Concen: 4.84 ug/ml
RT: 13.641 min Scan# 1556
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:228 Resp: 429359

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.3	15.8	23.8

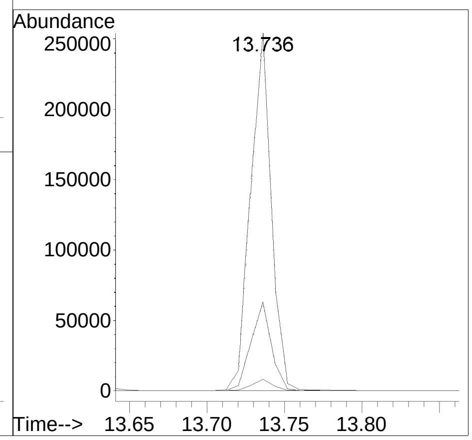


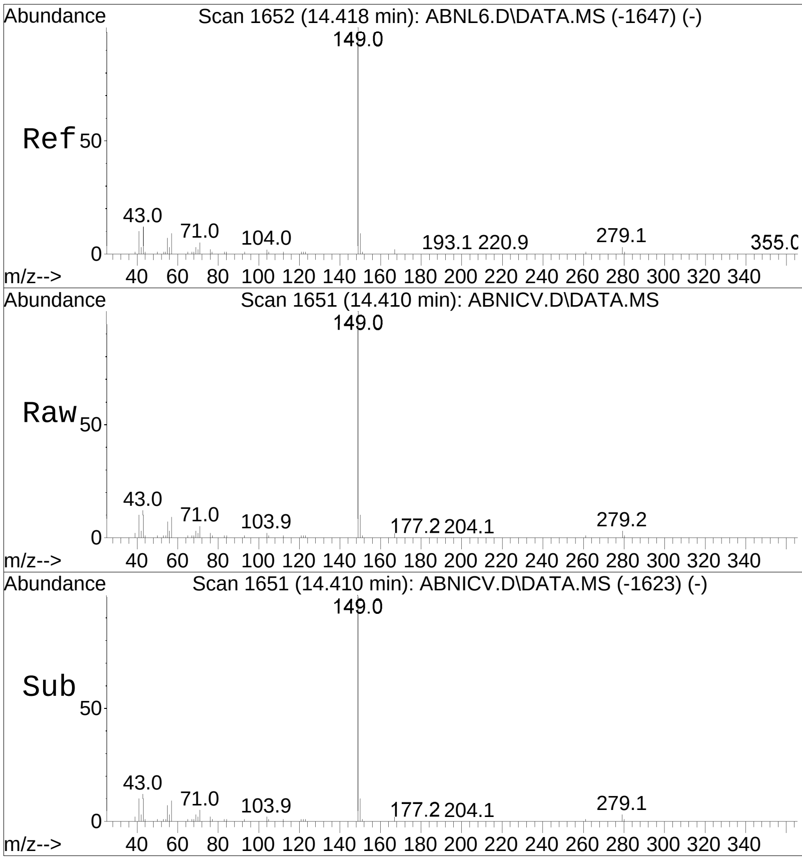


#108
Bis(2-ethylhexyl)phthalate
Concen: 4.61 ug/ml
RT: 13.736 min Scan# 1568
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:149 Resp: 233680

Ion	Ratio	Lower	Upper
149	100		
167	24.6	22.1	33.1
279	3.0	3.0	4.4

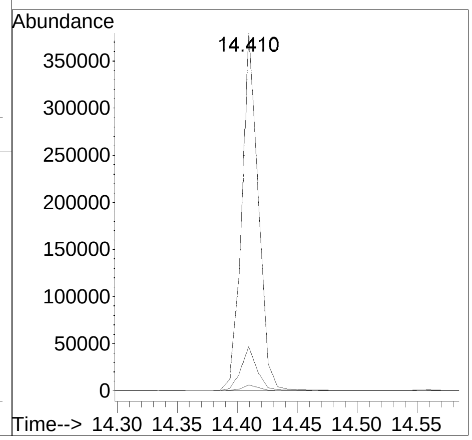


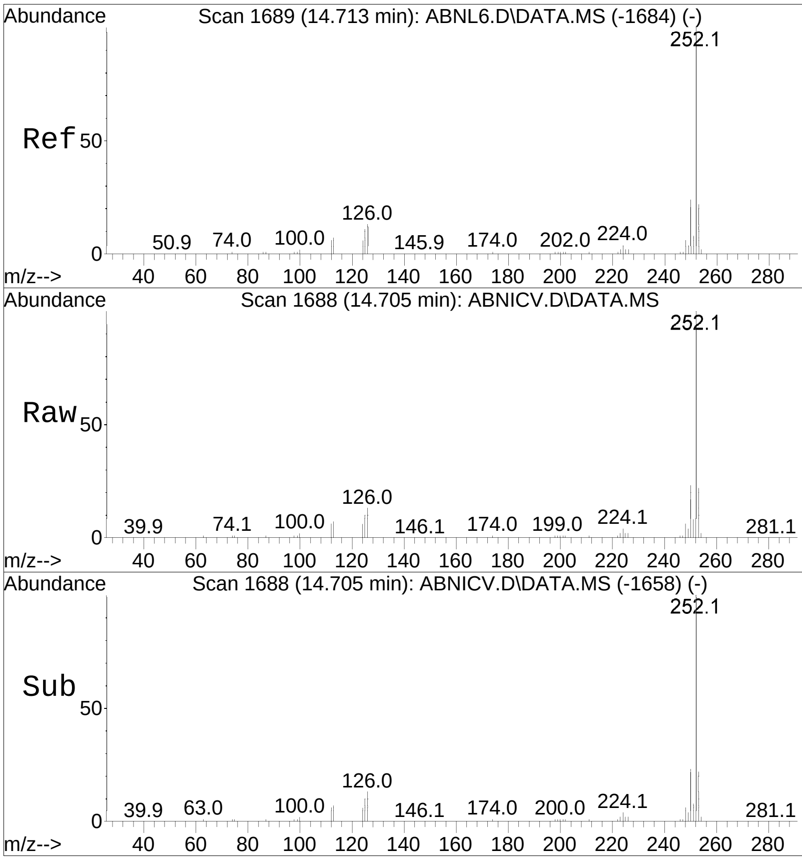


#109
Di-n-octylphthalate
Concen: 4.27 ug/ml
RT: 14.410 min Scan# 1651
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:149 Resp: 361317

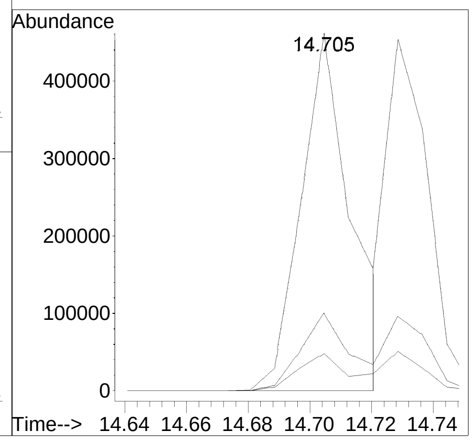
Ion	Ratio	Lower	Upper
149	100		
43	12.1	18.8	28.2#
167	1.5	1.3	1.9

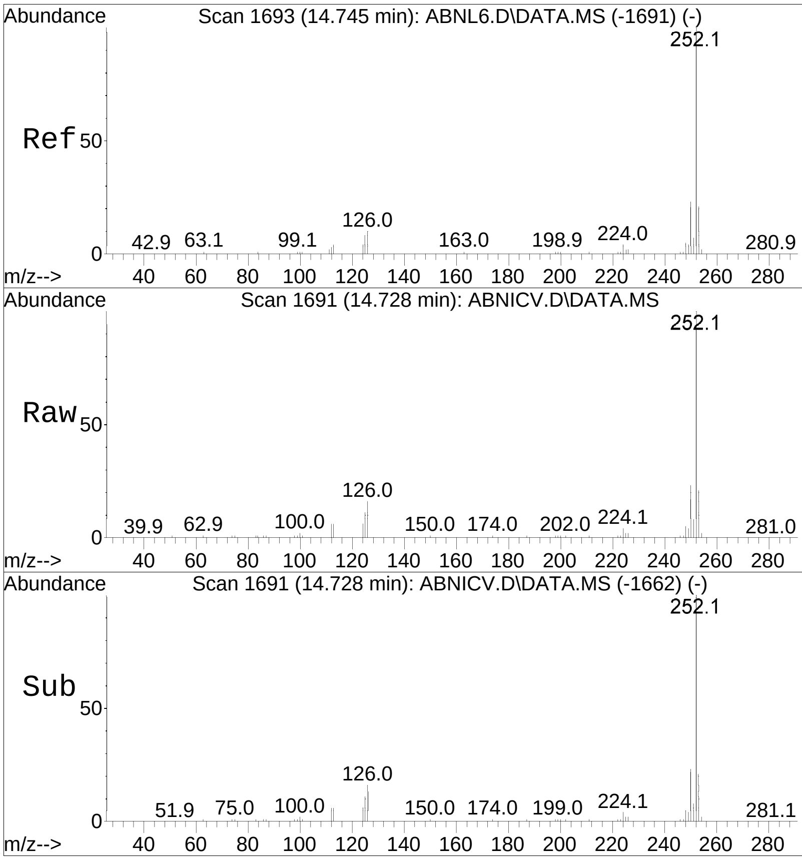




#110
Benzo(b)fluoranthene
Concen: 5.71 ug/ml
RT: 14.705 min Scan# 1688
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt	Ion:252	Resp:	525748
Ion	Ratio	Lower	Upper
252	100		
125	9.1	13.3	19.9#
253	21.7	17.1	25.7

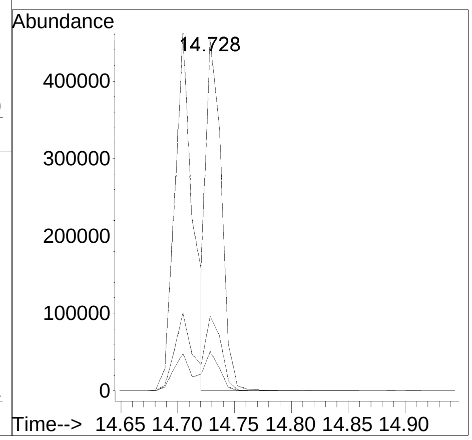


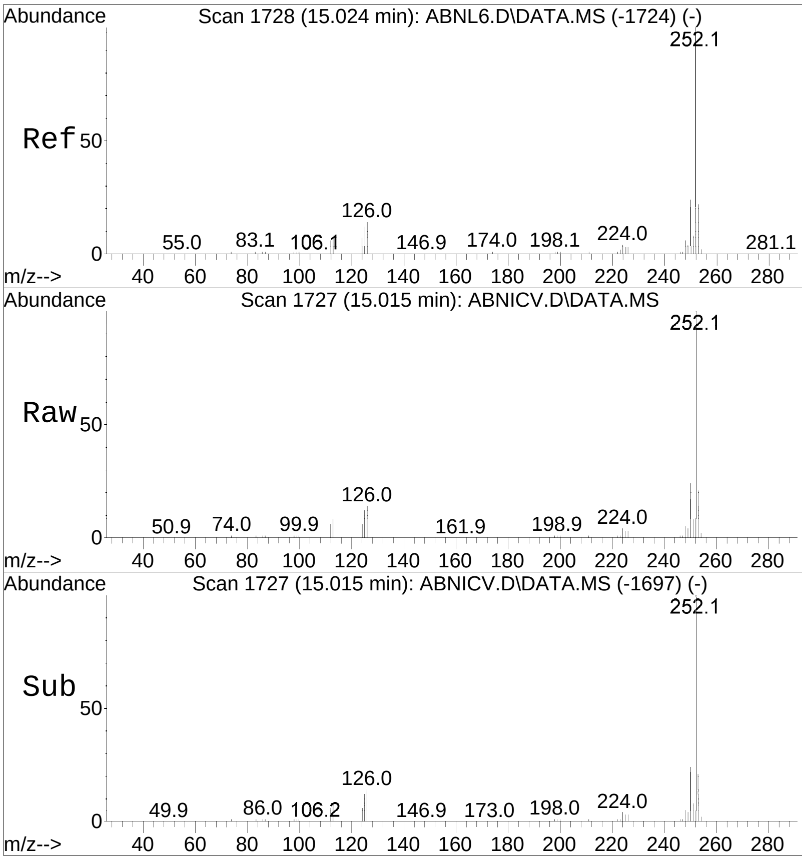


#111
Benzo(k)fluoranthene
Concen: 4.85 ug/ml
RT: 14.728 min Scan# 1691
Delta R.T. -0.017 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:252 Resp: 415673

Ion	Ratio	Lower	Upper
252	100		
125	9.9	13.0	19.6#
253	21.2	16.8	25.2

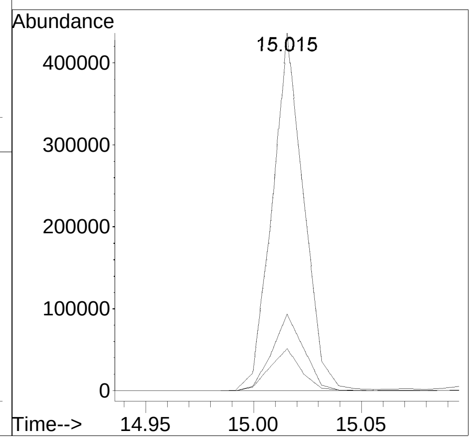


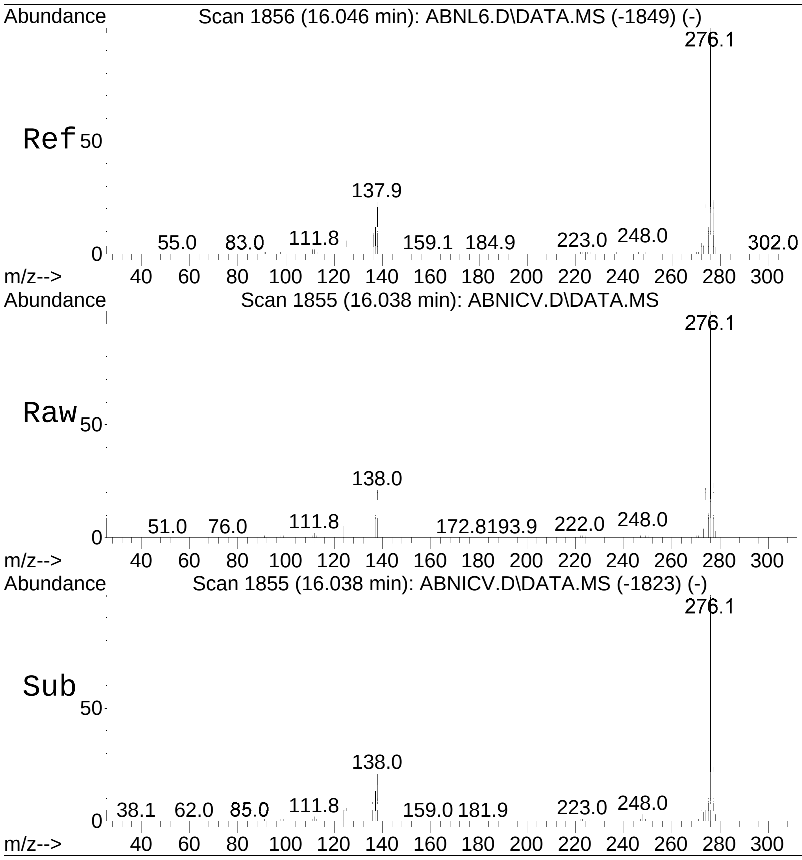


#112
Benzo(a)pyrene
Concen: 5.45 ug/ml
RT: 15.015 min Scan# 1727
Delta R.T. -0.009 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:252 Resp: 441421

Ion	Ratio	Lower	Upper
252	100		
125	11.9	14.2	21.2#
253	21.6	16.9	25.3

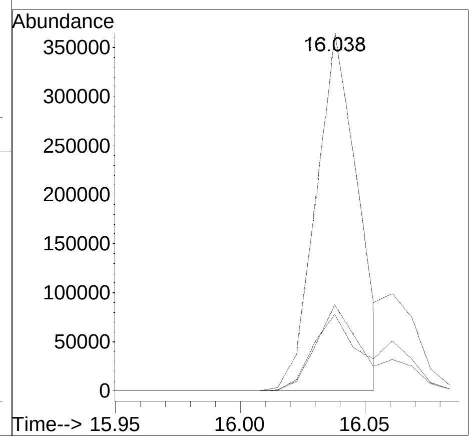


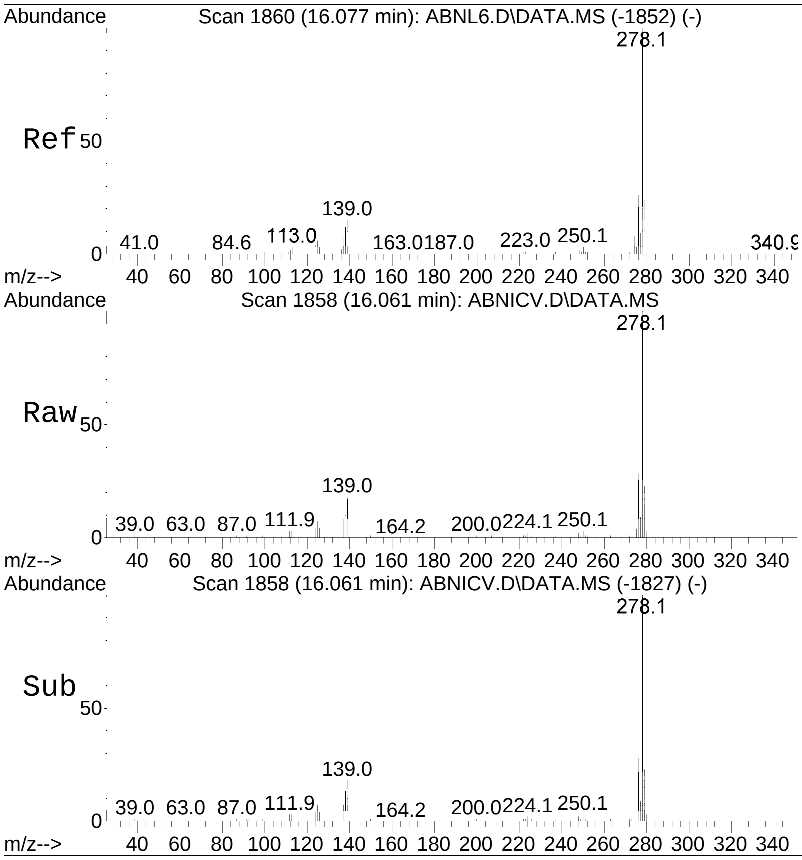


#114
Indeno(1,2,3-cd)pyrene
Concen: 5.39 ug/mL M6
RT: 16.038 min Scan# 1855
Delta R.T. -0.008 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:276 Resp: 425828

Ion	Ratio	Lower	Upper
276	100		
138	33.9	25.1	37.7
277	31.9	18.6	28.0#

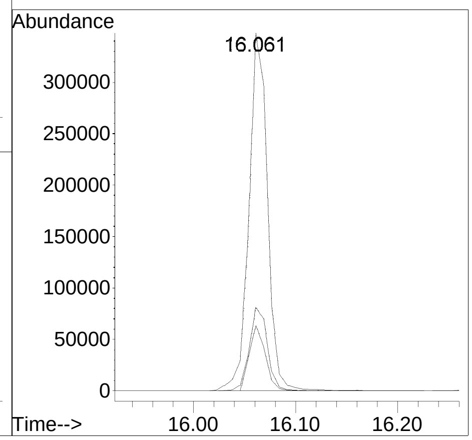


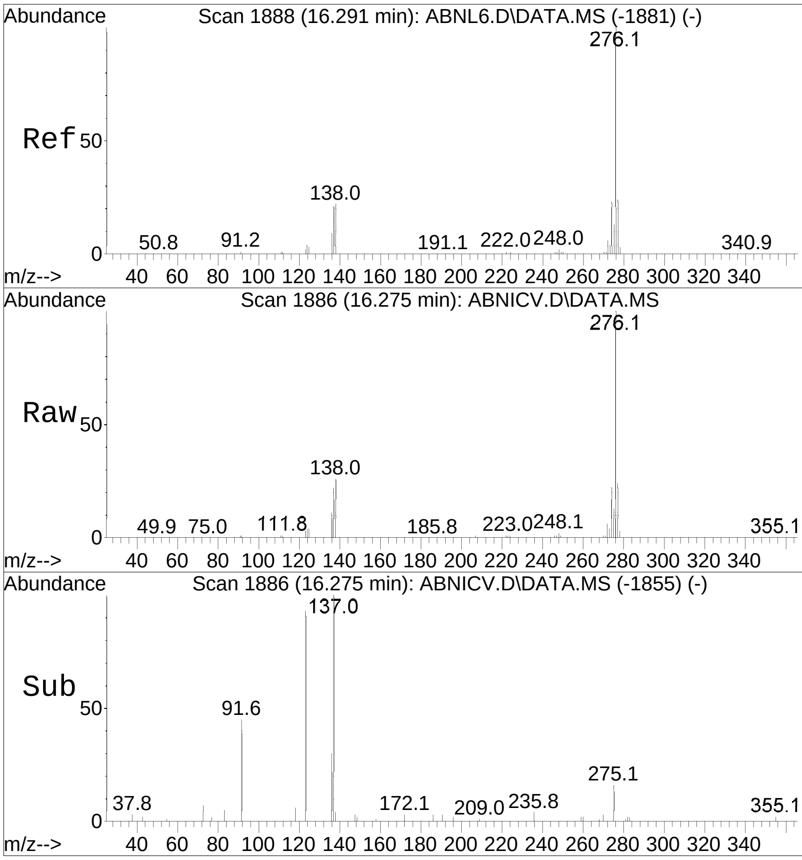


#115
Dibenzo(a,h)anthracene
Concen: 5.55 ug/ml
RT: 16.061 min Scan# 1858
Delta R.T. -0.016 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:278 Resp: 436195

Ion	Ratio	Lower	Upper
278	100		
139	16.1	20.8	31.2#
279	23.0	18.3	27.5

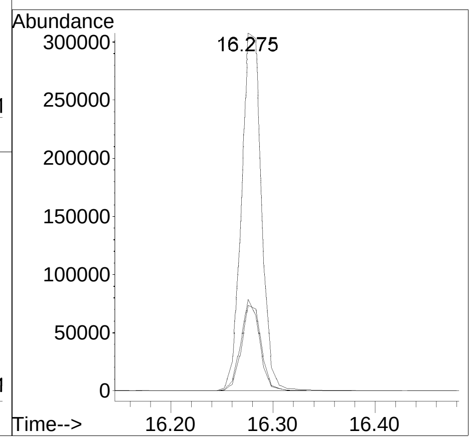




#116
Benzo(ghi)perylene
Concen: 5.39 ug/ml
RT: 16.275 min Scan# 1886
Delta R.T. -0.016 min
Lab File: ABNICV.D
Acq: 11 Mar 2025 10:18 pm

Tgt Ion:276 Resp: 417580

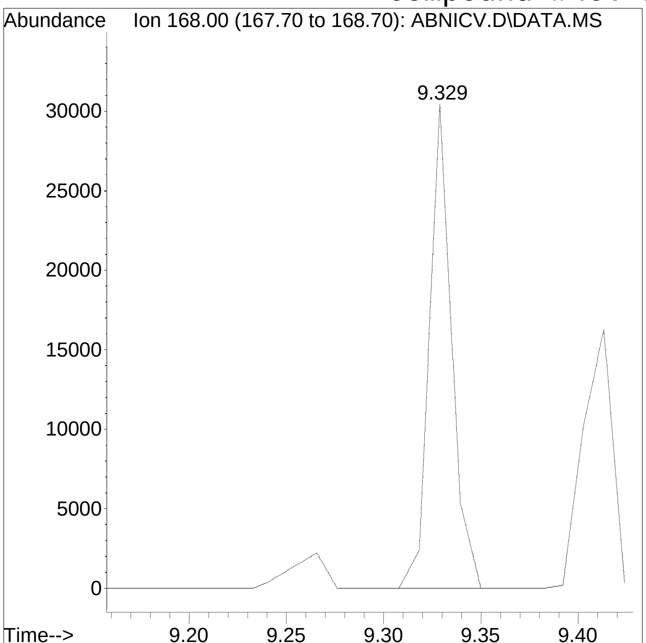
Ion	Ratio	Lower	Upper
276	100		
138	24.2	29.2	43.8#
277	23.8	18.8	28.2

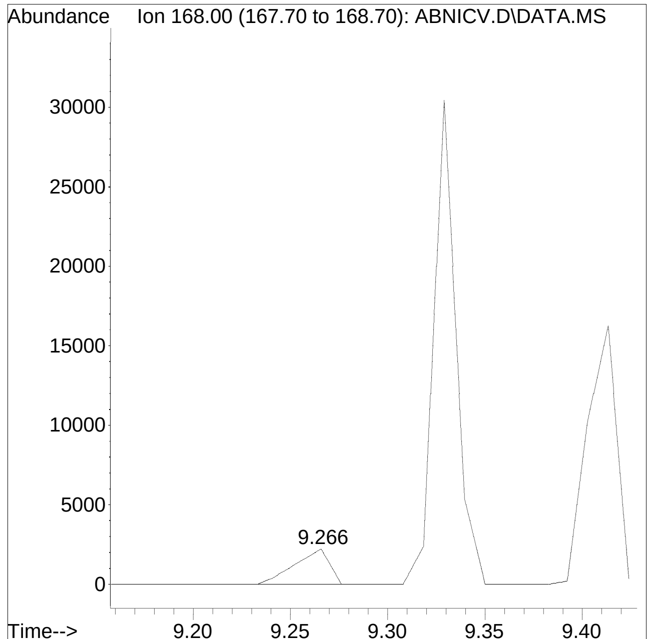


Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNICV.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 10:18 pm Instrument : SV 106
Sample : CQICV1,32,,ABNICV Lot# 114Quant Date : 3/12/2025 12:21 pm

Compound #49: 1,4-Dinitrobenzene





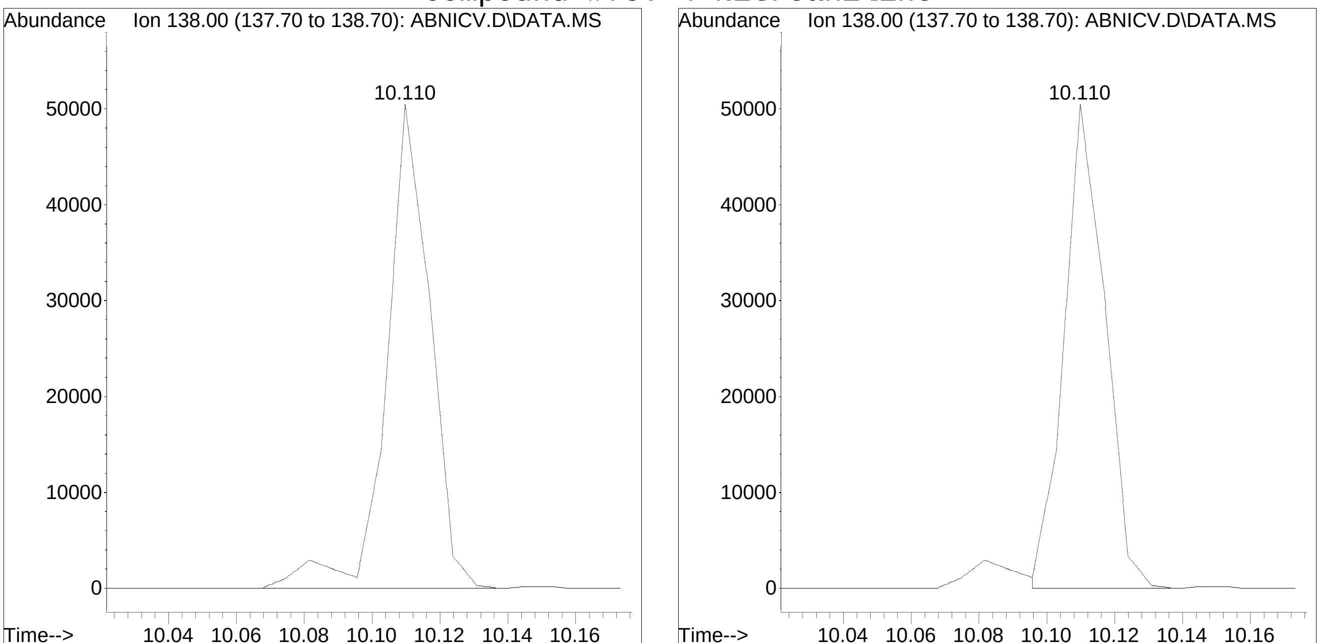
Original Peak Response = 24161 Manual Peak Response = 1972 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQ
Data File : ABNICV.D
Date Inj'd : 3/11/2025 10:18 pm
Sample : CQICV1,32,,ABNICV Lot# 114

Method : FS250311SV106.m
Operator : SV106:ljg
Instrument : SV 106
Quant Date : 3/12/2025 12:21 pm

Compound #75: 4-Nitroaniline



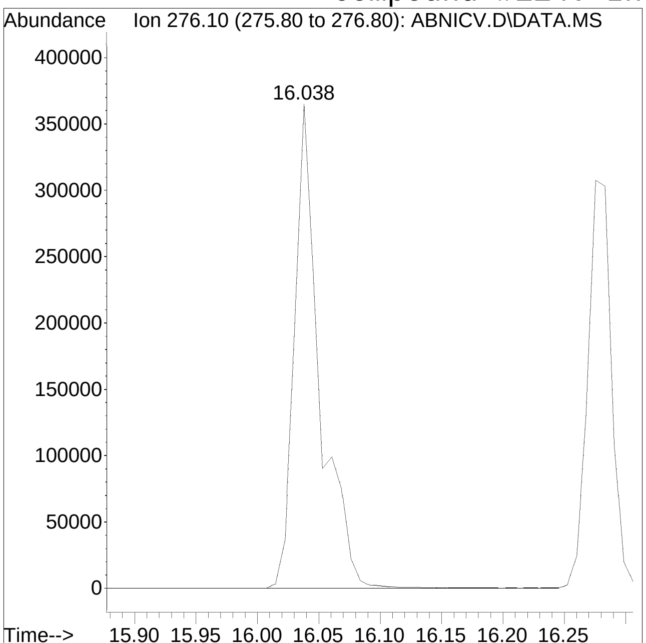
Original Peak Response = 45007 Manual Peak Response = 42007 M6

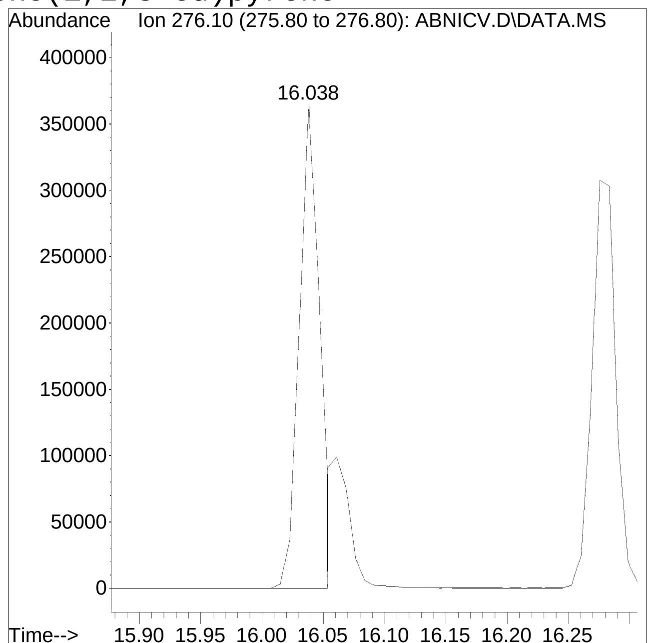
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : ABNICV.D Operator : SV106:ljg
Date Inj'd : 3/11/2025 10:18 pm Instrument : SV 106
Sample : CQICV1,32,,ABNICV Lot# 114Quant Date : 3/12/2025 12:21 pm

Compound #114: Indeno(1,2,3-cd)pyrene





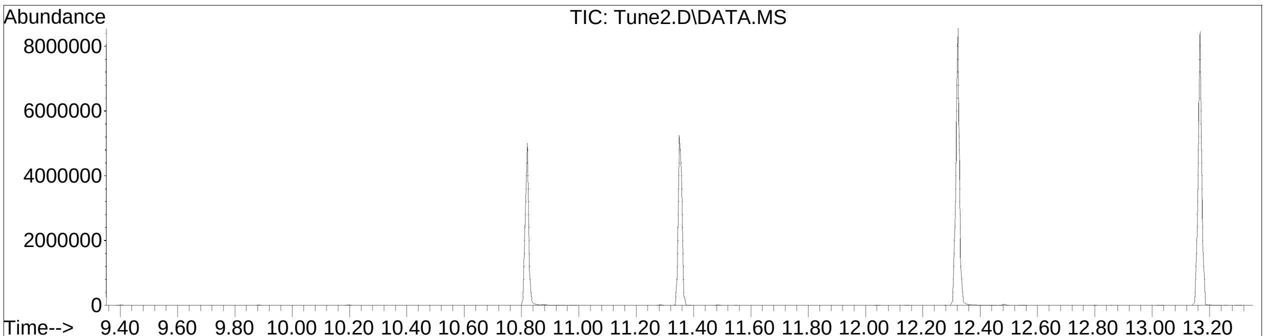
Original Peak Response = 524337 Manual Peak Response = 425828 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

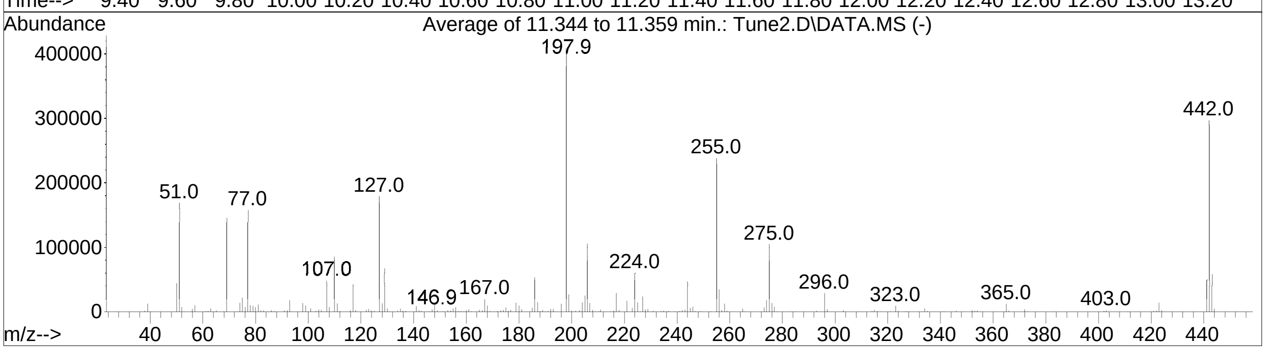
DFTPP

Data Path : I:\8270\SV106\250311RVTical\
Data File : Tune2.D
Acq On : 11 Mar 2025 11:05 pm
Operator : SV106:ljg
Sample : Tune2 Lot# 11459
Misc : WG2039658,,ical
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 12 12:21:00 2025





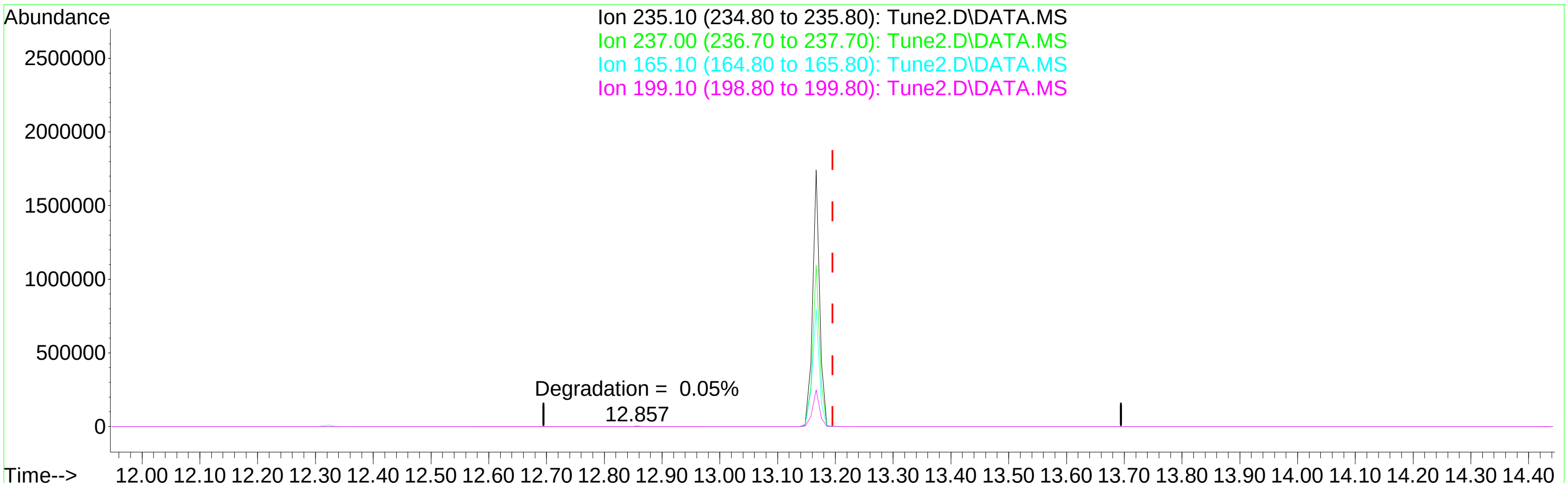
Spectrum Information: Average of 11.344 to 11.359 min.

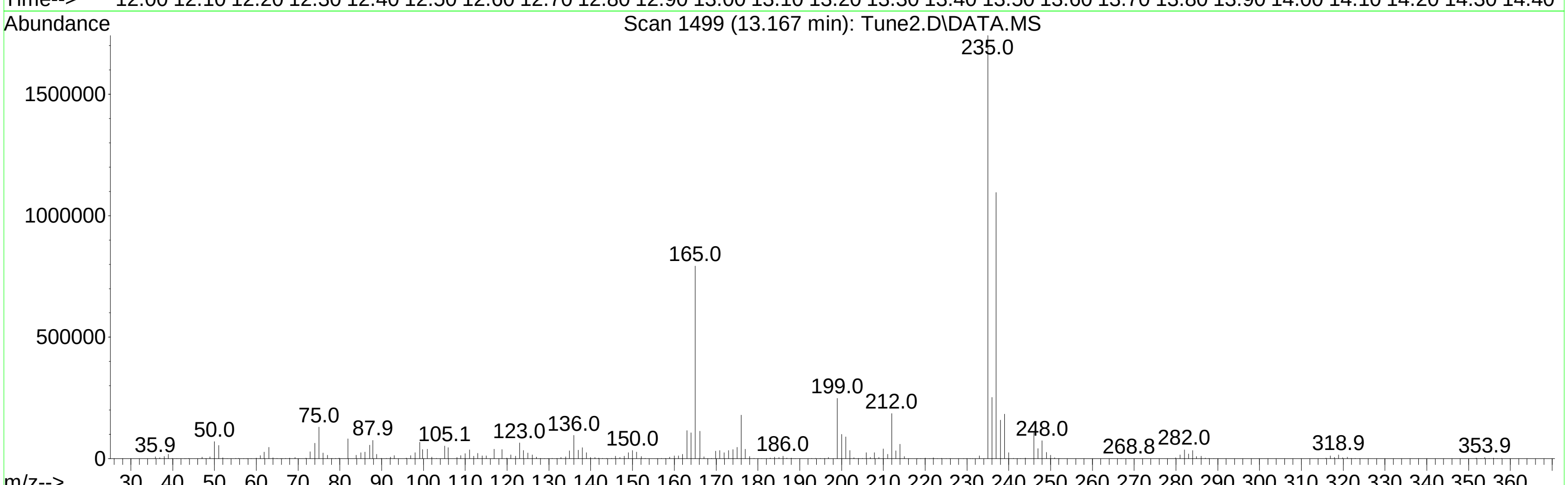
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	41.4	169072	PASS
68	69	0.00	2	0.7	1091	PASS
69	69	100	100	100.0	145803	PASS
70	69	0.00	2	0.5	719	PASS
127	198	10	80	43.7	178635	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	408317	PASS
199	198	5	9	6.6	27143	PASS
275	198	10	60	25.6	104515	PASS
365	198	1	100	3.0	12385	PASS
441	442	0.01	24	16.9	50261	PASS
442	198	50	100	72.8	297117	PASS
443	442	15	24	19.6	58130	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250311RVTical\
Data File : Tune2.D
Acq On : 11 Mar 2025 11:05 pm
Operator : SV106:ljg
Sample : Tune2 Lot# 11459
Misc : WG2039658,,ical
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 12 06:03:23 2025
Quant Method : I:\8270\SV106\250311RVTical\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot# 11459]

(6) DDT (T)

13.167min (-0.028) 266.44

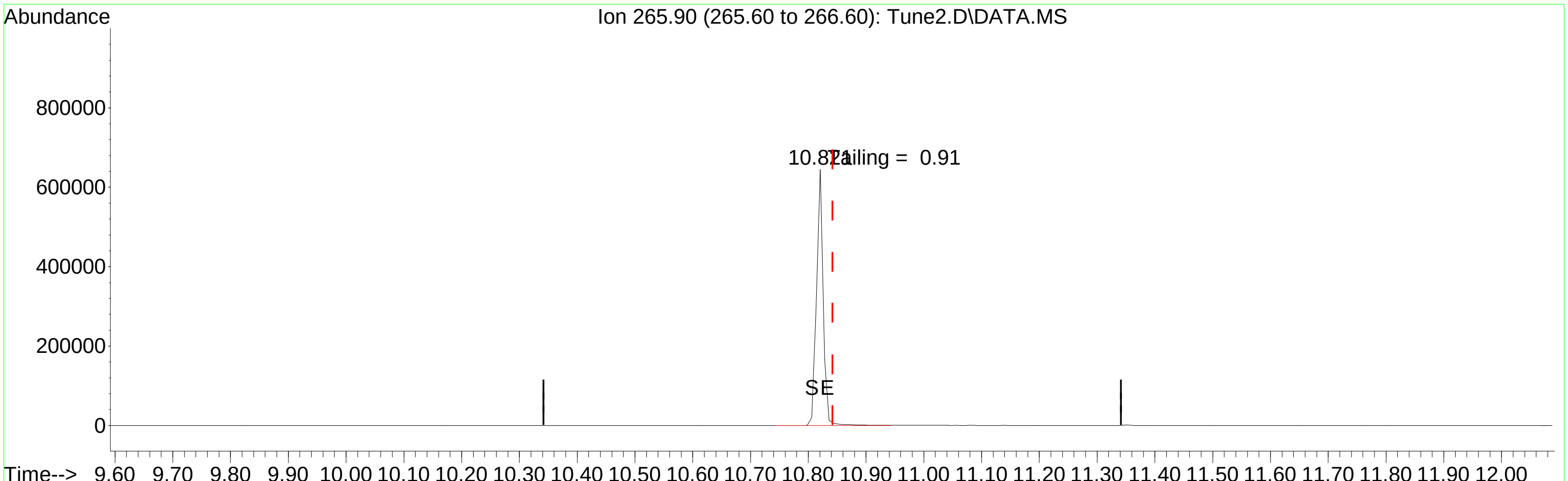
response 1624133

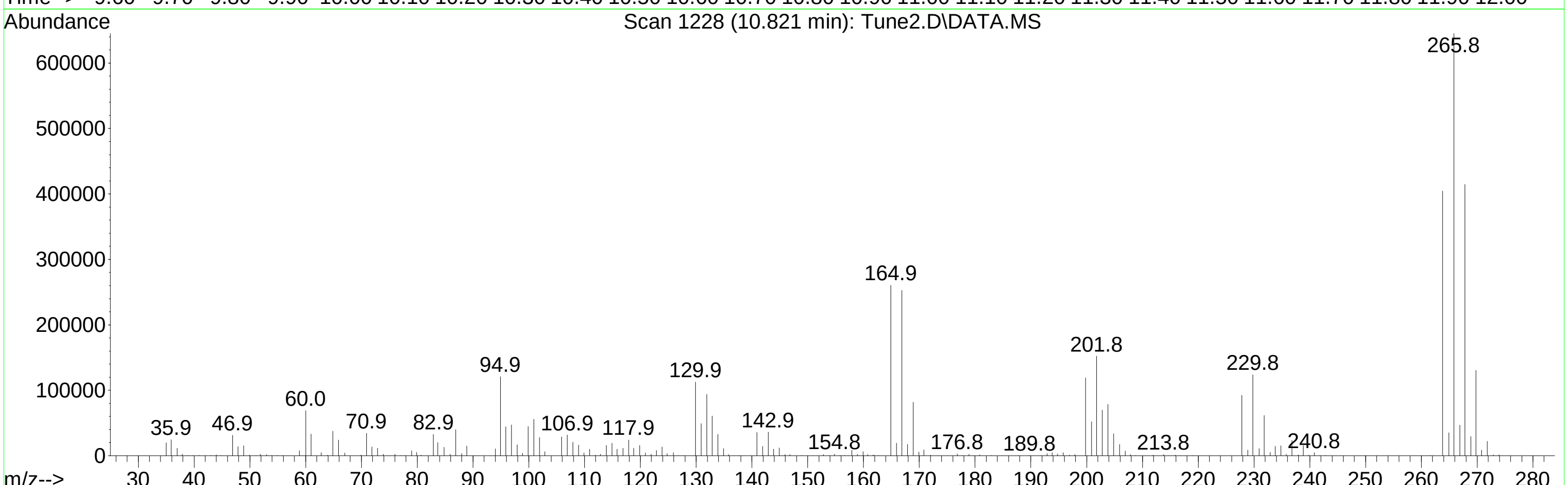
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.30	64.60
165.10	44.50	47.70
199.10	14.80	15.39

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250311RVTical\
Data File : Tune2.D
Acq On : 11 Mar 2025 11:05 pm
Operator : SV106:ljg
Sample : Tune2 Lot# 11459
Misc : WG2039658,,ical
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 12 06:03:23 2025
Quant Method : I:\8270\SV106\250311RVTical\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot# 11459]

(1) Pentachlorophenol (T)

10.821min (-0.021) 249.67

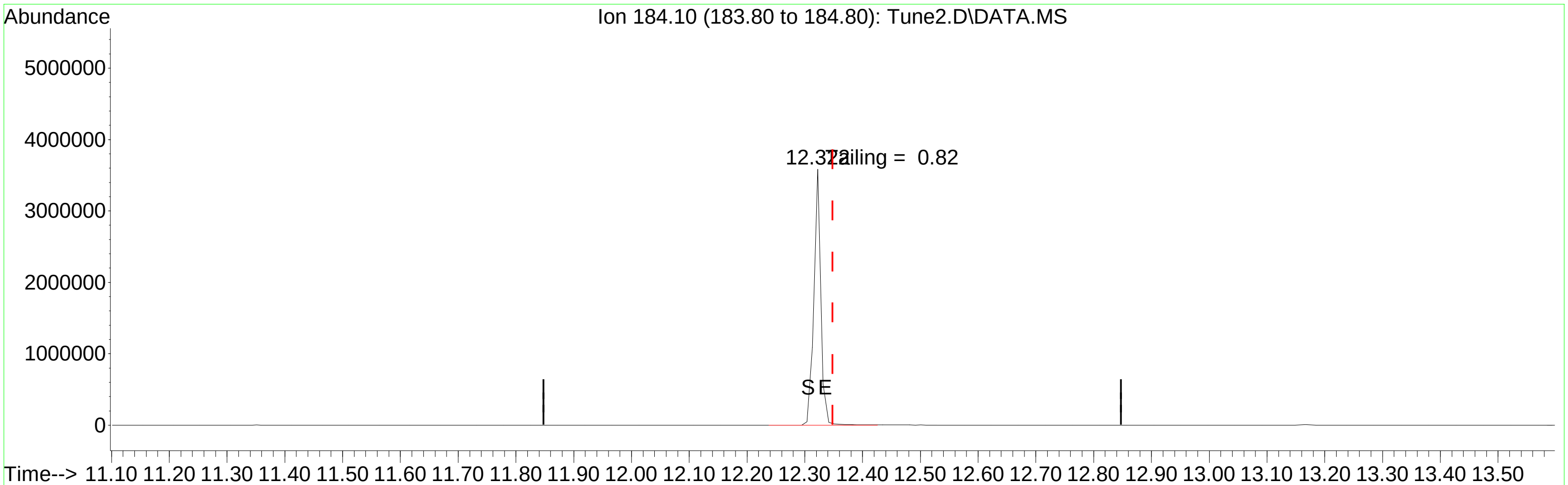
response 524399

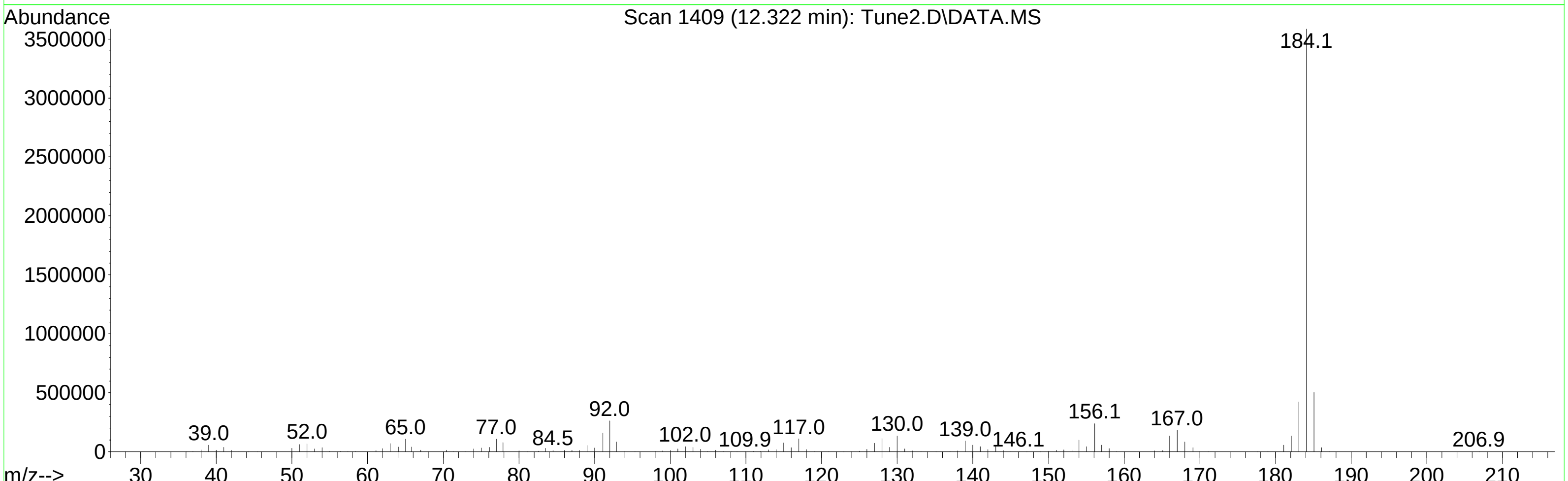
Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250311RVTical\
Data File : Tune2.D
Acq On : 11 Mar 2025 11:05 pm
Operator : SV106:ljg
Sample : Tune2 Lot# 11459
Misc : WG2039658,,ical
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 12 06:03:23 2025
Quant Method : I:\8270\SV106\250311RVTical\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot# 11459]

(3) Benzidine (T)

12.322min (-0.026) 299.48

response 3048761

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L9.D
Acq On    : 11 Mar 2025  11:29 pm
Operator  : SV106:ljg
Sample    : IL2,32,,AP9L50 Lot# 11434
Misc      : WG2039658,,ical
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Mar 12 11:30:27 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   6.351  152     56507     4.000 ug/ml    0.00
   Standard Area 3 = 56555                 Recovery   =   99.92%
55) IS2_Naphthalene-d8          7.783  136    207695     4.000 ug/ml  # 0.00
   Standard Area 3 = 212446                 Recovery   =   97.76%
83) IS2_Acenaphthene-d10        9.550  164    128104     4.000 ug/ml    0.00
   Standard Area 3 = 130976                 Recovery   =   97.81%
98) IS2_Phenanthrene-d10       10.988  188    264496     4.000 ug/ml    0.00
   Standard Area 3 = 265623                 Recovery   =   99.58%

 System Monitoring Compounds

 Target Compounds                                                 Qvalue
28) Benzaldehyde                5.765  105     692346    51.385 ug/ml     94
29) Acetophenone                6.852  105    1206217    51.886 ug/ml#    86
30) m-Toluidine                 6.957  106    1177895    55.063 ug/ml     95
31) 2-Chloroaniline             7.363  127    1081318    51.693 ug/ml#    93
56) a-Terpineol                 7.869   59     792895    55.569 ug/ml     90
57) 3-Chloroaniline             7.876   65     377672    52.155 ug/ml     90
58) 2,6-Dichlorophenol          7.905  162     765728    54.607 ug/ml     99
59) 1-chloro-2-nitrobenzene     8.171  111     327148    58.347 ug/ml#     1
60) Caprolactam                 8.229   55     477174    55.833 ug/ml#    85
61) 1,2,4,5-Tetrachloroben...   8.701  216    1008535    48.377 ug/ml     97
62) Biphenyl                    9.001  154    2201044    47.879 ug/ml     99
84) Dichloran                  10.692  206     266944    49.857 ug/ml#    67
85) Pentachloronitrobenzene    10.836  237     288429    62.594 ug/ml#    79
99) Diphenamid                 11.900  167    1638112    60.017 ug/ml#    79
 --------------------------------------------------------------------------

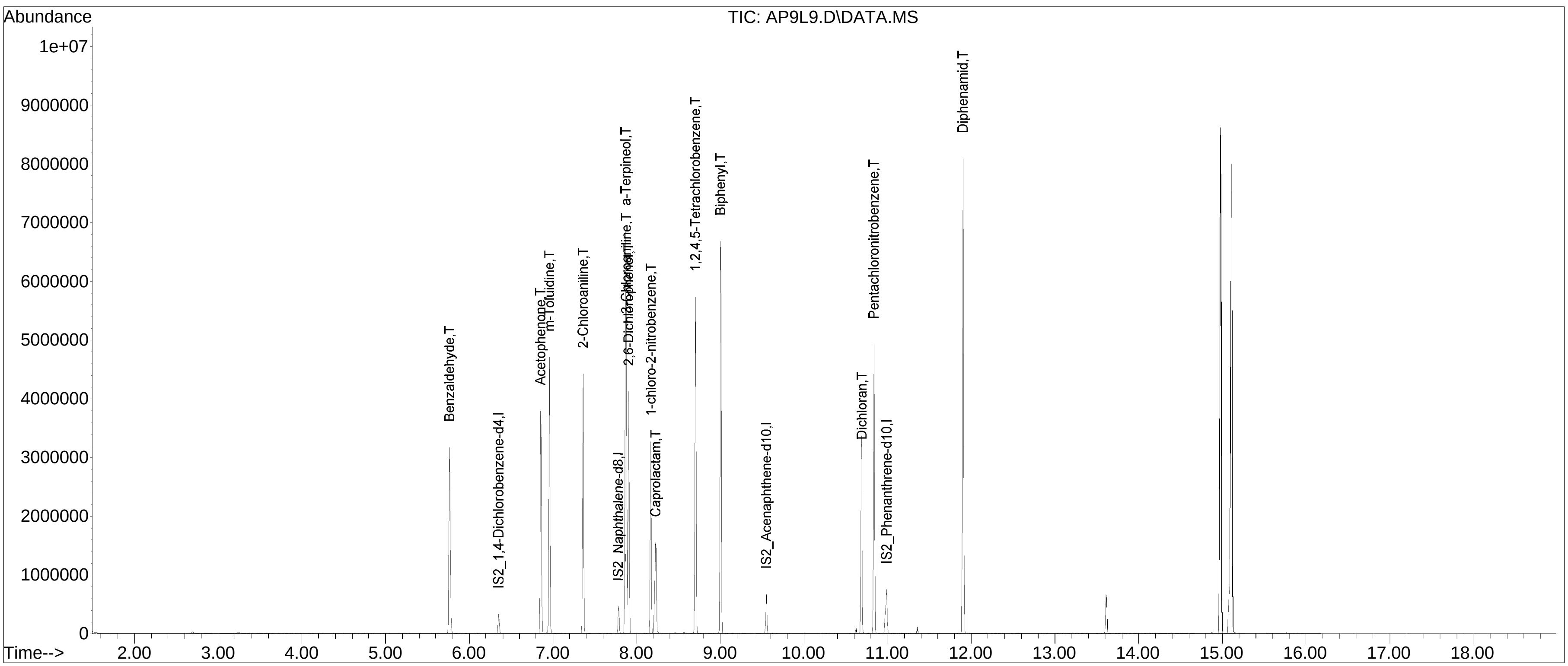
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L9.D
Acq On : 11 Mar 2025 11:29 pm
Operator : SV106:ljg
Sample : IL2,32,,AP9L50 Lot# 11434
Misc : WG2039658,,ical
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 12 11:30:27 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV106\250311RVTica	QMethod	: FS250311SV106.m
Data File	: AP9L9.D	Operator	: SV106:ljg
Date Inj'd	: 3/11/2025 11:29 pm	Instrument	: SV 106
Sample	: IL2,32,,AP9L50 Lot# 11434	Quant Date	: 3/12/2025 11:31 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L8.D
Acq On : 11 Mar 2025 11:52 pm
Operator : SV106:ljg
Sample : IL3,32,,AP9L25 Lot# 11435
Misc : WG2039658,,ical
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 12 11:30:17 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	6.351	152	55563	4.000	ug/ml	0.00
Standard Area 3 = 56555			Recovery =	98.25%		
55) IS2_Naphthalene-d8	7.783	136	210049	4.000	ug/ml	# 0.00
Standard Area 3 = 212446			Recovery =	98.87%		
83) IS2_Acenaphthene-d10	9.550	164	131615	4.000	ug/ml	0.00
Standard Area 3 = 130976			Recovery =	100.49%		
98) IS2_Phenanthrene-d10	10.988	188	268349	4.000	ug/ml	0.00
Standard Area 3 = 265623			Recovery =	101.03%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.765	105	378349	28.558	ug/ml	96
29) Acetophenone	6.852	105	656452	28.717	ug/ml#	87
30) m-Toluidine	6.957	106	644657	30.648	ug/ml	95
31) 2-Chloroaniline	7.363	127	605573	29.442	ug/ml#	93
56) a-Terpineol	7.862	59	426099	29.528	ug/ml	89
57) 3-Chloroaniline	7.876	65	209786	28.646	ug/ml	91
58) 2,6-Dichlorophenol	7.898	162	418336	29.499	ug/ml	99
59) 1-chloro-2-nitrobenzene	8.171	111	175202	30.897	ug/ml#	1
60) Caprolactam	8.222	55	263008	30.429	ug/ml#	85
61) 1,2,4,5-Tetrachloroben...	8.701	216	559974	26.560	ug/ml	97
62) Biphenyl	9.001	154	1233086	26.523	ug/ml	99
84) Dichloran	10.685	206	136072	25.684	ug/ml#	68
85) Pentachloronitrobenzene	10.836	237	151819	32.068	ug/ml#	79
99) Diphenamid	11.900	167	902672	32.597	ug/ml#	79

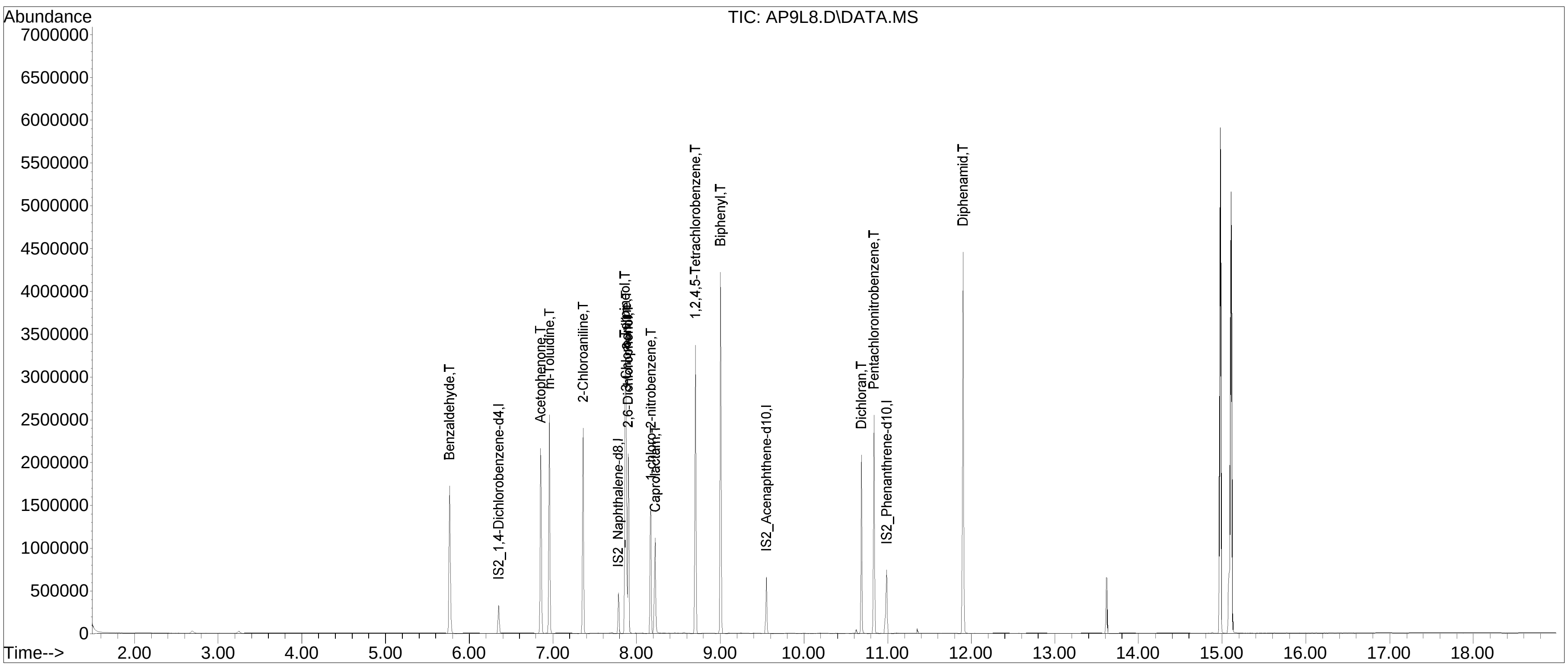
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L8.D
Acq On    : 11 Mar 2025  11:52 pm
Operator  : SV106:ljg
Sample    : IL3,32,,AP9L25 Lot# 11435
Misc      : WG2039658,,ical
ALS Vial  : 18   Sample Multiplier: 1

Quant Time: Mar 12 11:30:17 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

Sub List     : AP9ical - AP9 ical sublistTical\AP9L6.D•
```



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod      : FS250311SV106.m
Data File   : AP9L8.D                   Operator     : SV106:ljg
Date Inj'd  : 3/11/2025 11:52 pm        Instrument   : SV 106
Sample      : IL3,32,,AP9L25 Lot# 11435 Quant Date   : 3/12/2025 11:31 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L7.D
Acq On    : 12 Mar 2025  12:15 am
Operator  : SV106:ljg
Sample    : IL4,32,,AP9L10 Lot# 11436
Misc      : WG2039658,,ical
ALS Vial  : 19   Sample Multiplier: 1

Quant Time: Mar 12 11:30:08 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	6.351	152	55037	4.000 ug/ml	0.00
Standard Area 3 = 56555			Recovery =	97.32%	
55) IS2_Naphthalene-d8	7.782	136	200736	4.000 ug/ml	# 0.00
Standard Area 3 = 212446			Recovery =	94.49%	
83) IS2_Acenaphthene-d10	9.550	164	125270	4.000 ug/ml	0.00
Standard Area 3 = 130976			Recovery =	95.64%	
98) IS2_Phenanthrene-d10	10.988	188	258864	4.000 ug/ml	0.00
Standard Area 3 = 265623			Recovery =	97.46%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	5.764	105	127937	9.749 ug/ml	97
29) Acetophenone	6.852	105	221932	9.802 ug/ml#	87
30) m-Toluidine	6.957	106	214835	10.311 ug/ml	95
31) 2-Chloroaniline	7.363	127	205777	10.100 ug/ml#	93
56) a-Terpineol	7.862	59	138352	10.032 ug/ml	87
57) 3-Chloroaniline	7.869	65	70617	10.090 ug/ml	94
58) 2,6-Dichlorophenol	7.898	162	137362	10.135 ug/ml	97
59) 1-chloro-2-nitrobenzene	8.164	111	56147	10.361 ug/ml#	1
60) Caprolactam	8.207	55	83234	10.077 ug/ml#	85
61) 1,2,4,5-Tetrachloroben...	8.701	216	191058	9.482 ug/ml	97
62) Biphenyl	9.000	154	416182	9.367 ug/ml	98
84) Dichloran	10.685	206	37998	8.864 ug/ml#	71
85) Pentachloronitrobenzene	10.836	237	45991	10.207 ug/ml#	80
99) Diphenamid	11.900	167	286356	10.720 ug/ml#	78

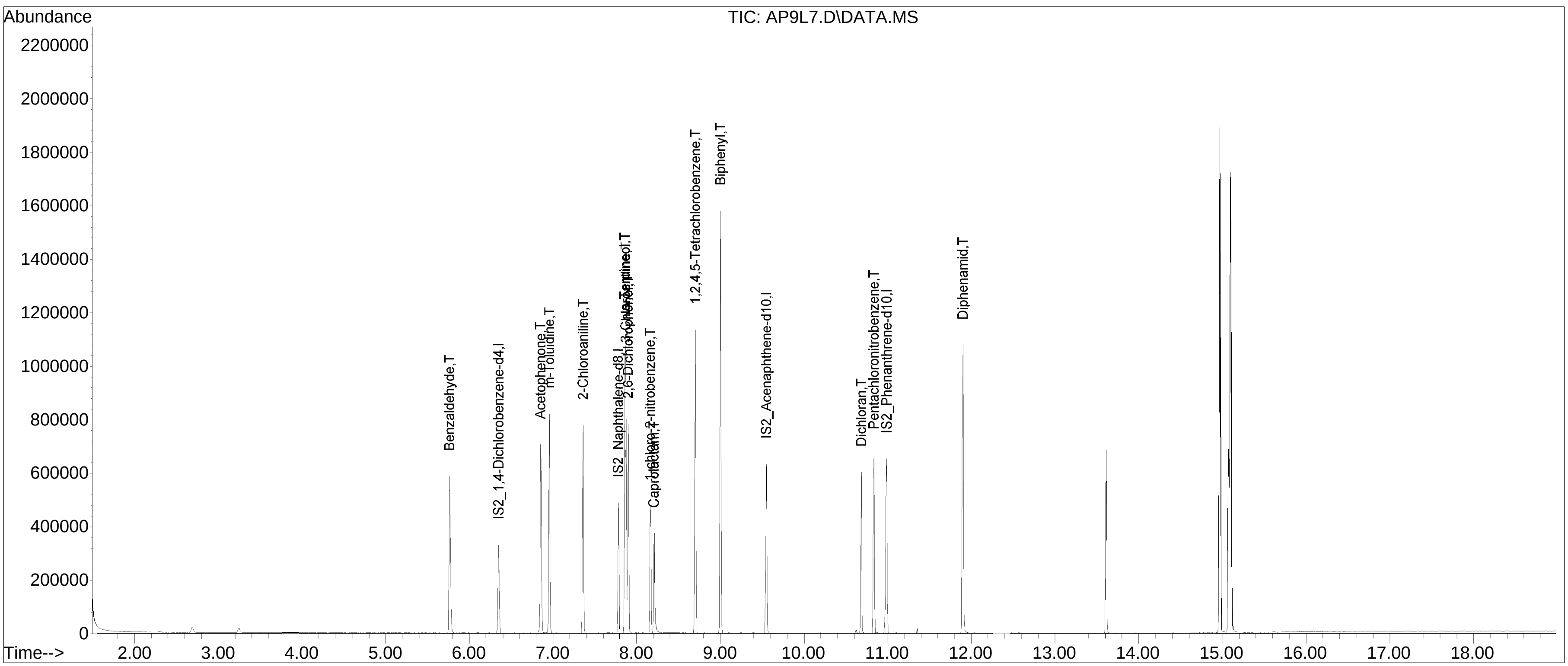
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L7.D
Acq On : 12 Mar 2025 12:15 am
Operator : SV106:ljg
Sample : IL4,32,,AP9L10 Lot# 11436
Misc : WG2039658,,ical
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 12 11:30:08 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : AP9L7.D                   Operator    : SV106:ljg
Date Inj'd  : 3/12/2025 12:15 am        Instrument  : SV 106
Sample      : IL4,32,,AP9L10 Lot# 11436 Quant Date  : 3/12/2025 11:31 am
```

There are no manual integrations or false positives in this file.

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L6.D
Acq On    : 12 Mar 2025  12:39 am
Operator  : SV106:ljg
Sample    : IL5,32,,AP9L5 Lot# 11437
Misc      : WG2039658,,ical
ALS Vial  : 20   Sample Multiplier: 1

Quant Time: Mar 12 11:29:58 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   6.351  152     56555     4.000 ug/ml    0.00
   Standard Area 3 = 56555                 Recovery   =  100.00%
55) IS2_Naphthalene-d8          7.782  136    212446     4.000 ug/ml  # 0.00
   Standard Area 3 = 212446                 Recovery   =  100.00%
83) IS2_Acenaphthene-d10        9.550  164    130976     4.000 ug/ml    0.00
   Standard Area 3 = 130976                 Recovery   =  100.00%
98) IS2_Phenanthrene-d10       10.988  188    265623     4.000 ug/ml    0.00
   Standard Area 3 = 265623                 Recovery   =  100.00%

 System Monitoring Compounds

 Target Compounds                                                    Qvalue
28) Benzaldehyde                5.764  105     66637      4.942 ug/ml     97
29) Acetophenone                6.860  105    117703      5.059 ug/ml#    85
30) m-Toluidine                 6.957  106    110078      5.141 ug/ml     94
31) 2-Chloroaniline             7.363  127    103893      4.962 ug/ml#    94
56) a-Terpineol                 7.862   59     72135      4.942 ug/ml     87
57) 3-Chloroaniline             7.876   65     37253      5.029 ug/ml     90
58) 2,6-Dichlorophenol          7.898  162     70130      4.889 ug/ml     97
59) 1-chloro-2-nitrobenzene     8.164  111     27639      4.819 ug/ml#     1
60) Caprolactam                 8.207   55     39331      4.499 ug/ml#    85
61) 1,2,4,5-Tetrachloroben...   8.701  216    101229      4.747 ug/ml     97
62) Biphenyl                    9.000  154    224028      4.764 ug/ml     97
84) Dichloran                  10.685  206     17591      4.973 ug/ml#    68
85) Pentachloronitrobenzene    10.836  237     21652      4.596 ug/ml#    79
99) Diphenamid                 11.900  167    141548      5.164 ug/ml#    78
 --------------------------------------------------------------------------

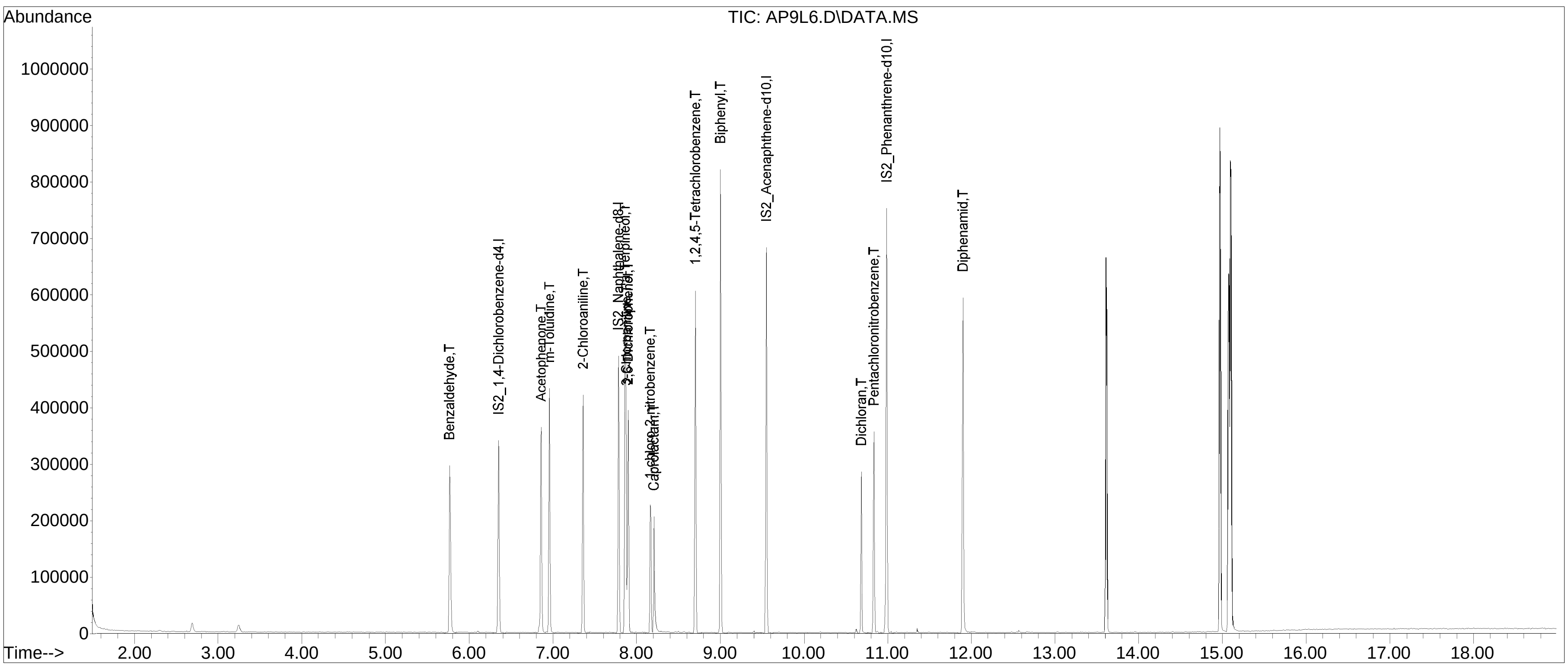
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L6.D
Acq On : 12 Mar 2025 12:39 am
Operator : SV106:ljg
Sample : IL5,32,,AP9L5 Lot# 11437
Misc : WG2039658,,ical
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 12 11:29:58 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV106\250311RVTica	QMethod	: FS250311SV106.m
Data File	: AP9L6.D	Operator	: SV106:ljg
Date Inj'd	: 3/12/2025 12:39 am	Instrument	: SV 106
Sample	: IL5,32,,AP9L5 Lot# 11437	Quant Date	: 3/12/2025 11:30 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L5.D
Acq On    : 12 Mar 2025   1:02 am
Operator  : SV106:ljg
Sample    : IL6,32,,AP9L2.5 Lot# 11438
Misc      : WG2039658,,ical
ALS Vial  : 21   Sample Multiplier: 1

Quant Time: Mar 12 11:29:48 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   6.351  152     58916     4.000 ug/ml    0.00
   Standard Area 3 = 56555                 Recovery   =  104.17%
55) IS2_Naphthalene-d8          7.783  136    212580     4.000 ug/ml  # 0.00
   Standard Area 3 = 212446                 Recovery   =  100.06%
83) IS2_Acenaphthene-d10        9.550  164    131775     4.000 ug/ml    0.00
   Standard Area 3 = 130976                 Recovery   =  100.61%
98) IS2_Phenanthrene-d10       10.988  188    271904     4.000 ug/ml    0.00
   Standard Area 3 = 265623                 Recovery   =  102.36%

 System Monitoring Compounds

 Target Compounds                                                  Qvalue
28) Benzaldehyde                5.773  105     31831      2.266 ug/ml     94
29) Acetophenone                6.860  105     55304      2.282 ug/ml#    90
30) m-Toluidine                 6.957  106     51347      2.302 ug/ml     92
31) 2-Chloroaniline             7.363  127     50423      2.312 ug/ml#    93
56) a-Terpineol                 7.862   59     33440      2.290 ug/ml#    85
57) 3-Chloroaniline             7.869   65     17116      2.309 ug/ml     92
58) 2,6-Dichlorophenol          7.898  162     31326      2.183 ug/ml     95
59) 1-chloro-2-nitrobenzene     8.164  111     13125      2.287 ug/ml#     1
60) Caprolactam                 8.207   55     18027      2.061 ug/ml#    87
61) 1,2,4,5-Tetrachloroben...   8.701  216     48940      2.294 ug/ml#    97
62) Biphenyl                    9.000  154    107255      2.280 ug/ml     98
84) Dichloran                  10.685  206      7106      3.122 ug/ml#    75
85) Pentachloronitrobenzene    10.836  237      9780      2.063 ug/ml#    77
99) Diphenamid                 11.891  167     60772      2.166 ug/ml#    79
 --------------------------------------------------------------------------

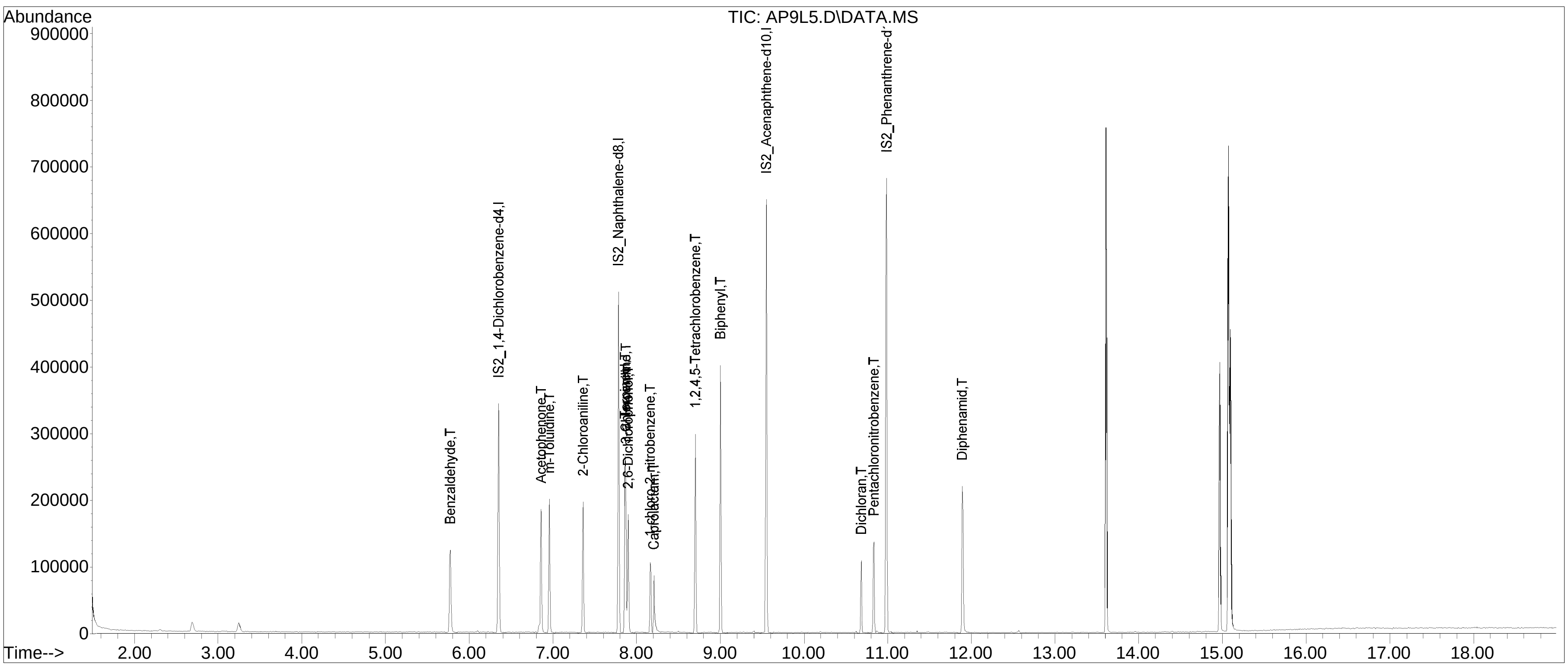
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L5.D
Acq On    : 12 Mar 2025   1:02 am
Operator  : SV106:ljg
Sample    : IL6,32,,AP9L2.5 Lot# 11438
Misc      : WG2039658,,ical
ALS Vial  : 21   Sample Multiplier: 1

Quant Time: Mar 12 11:29:48 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

Sub List     : AP9ical - AP9 ical sublistTical\AP9L6.D•
```



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : AP9L5.D                   Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  1:02 am        Instrument  : SV 106
Sample      : IL6,32,,AP9L2.5 Lot# 11438Quant Date  : 3/12/2025 11:30 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L4.D
Acq On    : 12 Mar 2025   1:26 am
Operator  : SV106:ljg
Sample    : IL7,32,,AP9L1 Lot# 11439
Misc      : WG2039658,,ical
ALS Vial  : 22   Sample Multiplier: 1

Quant Time: Mar 12 11:29:38 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
--------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   6.351  152     57343     4.000 ug/ml    0.00
   Standard Area 3 = 56555                 Recovery   =  101.39%
55) IS2_Naphthalene-d8          7.783  136    205569     4.000 ug/ml  # 0.00
   Standard Area 3 = 212446                 Recovery   =   96.76%
83) IS2_Acenaphthene-d10        9.550  164    126602     4.000 ug/ml    0.00
   Standard Area 3 = 130976                 Recovery   =   96.66%
98) IS2_Phenanthrene-d10       10.988  188    265494     4.000 ug/ml    0.00
   Standard Area 3 = 265623                 Recovery   =   99.95%

 System Monitoring Compounds

 Target Compounds                                                  Qvalue
28) Benzaldehyde                5.773  105      13710      1.003 ug/ml     97
29) Acetophenone                6.860  105      23481      0.995 ug/ml#    90
30) m-Toluidine                 6.957  106      18600      0.857 ug/ml     94
31) 2-Chloroaniline             7.363  127      21000      0.989 ug/ml#    93
56) a-Terpineol                 7.862   59      13409      0.949 ug/ml#    84
57) 3-Chloroaniline             7.869   65       7717      1.077 ug/ml     81
58) 2,6-Dichlorophenol          7.898  162      13272      0.956 ug/ml     94
59) 1-chloro-2-nitrobenzene     8.164  111       5267      0.949 ug/ml#     1
60) Caprolactam                 8.215   55       7531      0.890 ug/ml#    93
61) 1,2,4,5-Tetrachloroben...   8.701  216      21003      1.018 ug/ml#    95
62) Biphenyl                    9.001  154      45745      1.005 ug/ml     98
84) Dichloran                  10.685  206       3236      2.469 ug/ml#    61
85) Pentachloronitrobenzene    10.836  237       3515      0.772 ug/ml#    79
99) Diphenamid                 11.891  167      23335      0.852 ug/ml#    77
--------------------------------------------------------------------------

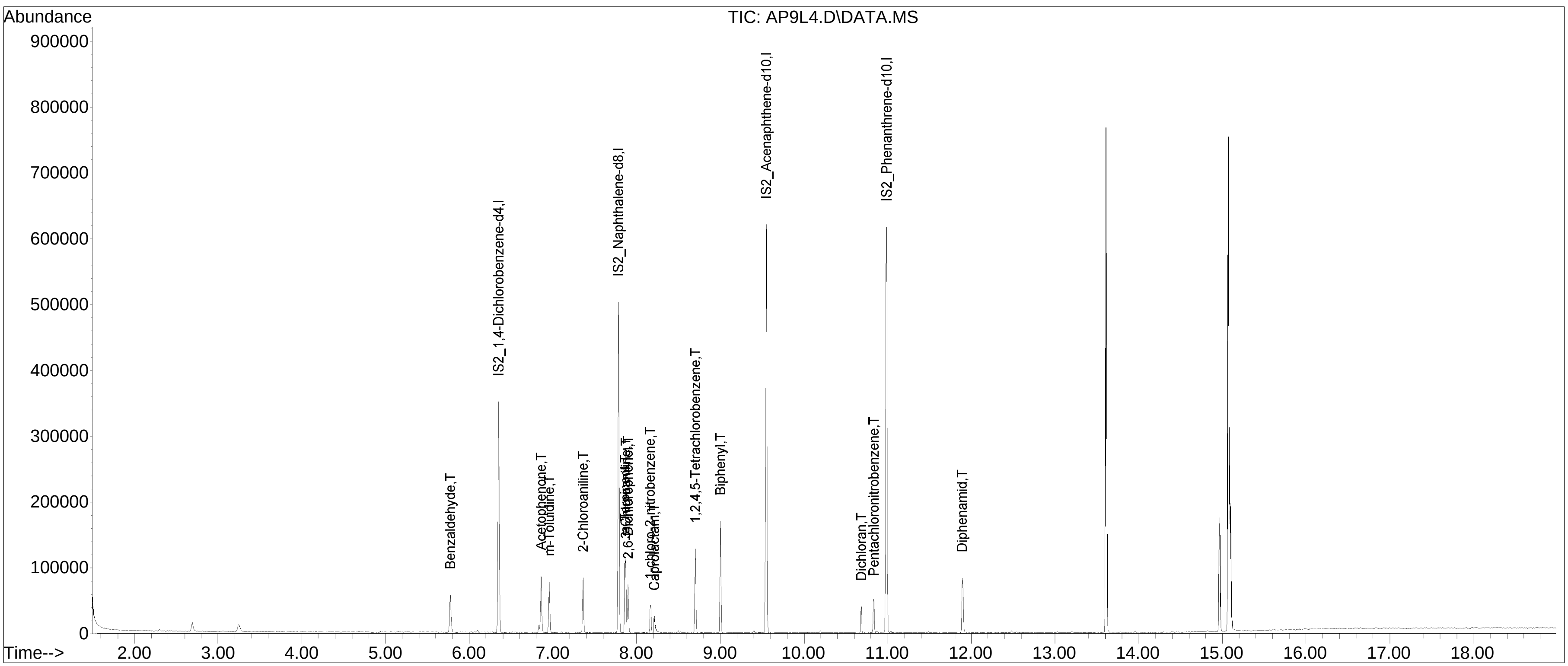
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L4.D
Acq On : 12 Mar 2025 1:26 am
Operator : SV106:ljg
Sample : IL7,32,,AP9L1 Lot# 11439
Misc : WG2039658,,ical
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 12 11:29:38 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : AP9L4.D                   Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  1:26 am        Instrument  : SV 106
Sample      : IL7,32,,AP9L1 Lot# 11439  Quant Date  : 3/12/2025 11:30 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L3.D
Acq On : 12 Mar 2025 1:49 am
Operator : SV106:ljg
Sample : IL8,32,,AP9L0.5 Lot# 11440
Misc : WG2039658,,ical
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 12 11:29:29 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	6.351	152	56735	4.000 ug/ml	0.00
Standard Area 3 = 56555			Recovery =	100.32%	
55) IS2_Naphthalene-d8	7.783	136	208252	4.000 ug/ml	# 0.00
Standard Area 3 = 212446			Recovery =	98.03%	
83) IS2_Acenaphthene-d10	9.550	164	121699	4.000 ug/ml	0.00
Standard Area 3 = 130976			Recovery =	92.92%	
98) IS2_Phenanthrene-d10	10.980	188	259274	4.000 ug/ml	0.00
Standard Area 3 = 265623			Recovery =	97.61%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	5.773	105	7553	0.558 ug/ml	93
29) Acetophenone	6.860	105	12899	0.553 ug/ml#	94
30) m-Toluidine	6.957	106	8975	0.418 ug/ml	94
31) 2-Chloroaniline	7.363	127	11732	0.559 ug/ml	93
56) a-Terpineol	7.862	59	7257	0.507 ug/ml#	83
57) 3-Chloroaniline	7.869	65	3967	0.546 ug/ml	89
58) 2,6-Dichlorophenol	7.898	162	6905	0.491 ug/ml	96
59) 1-chloro-2-nitrobenzene	8.171	111	2807	0.499 ug/ml#	1
60) Caprolactam	8.214	55	3878	0.453 ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	8.701	216	11496	0.550 ug/ml#	96
62) Biphenyl	9.000	154	25184	0.546 ug/ml	99
84) Dichloran	10.685	206	1753	2.212 ug/ml#	66
85) Pentachloronitrobenzene	10.829	237	2032	0.464 ug/ml#	76
99) Diphenamid	11.891	167	12423	0.464 ug/ml#	79

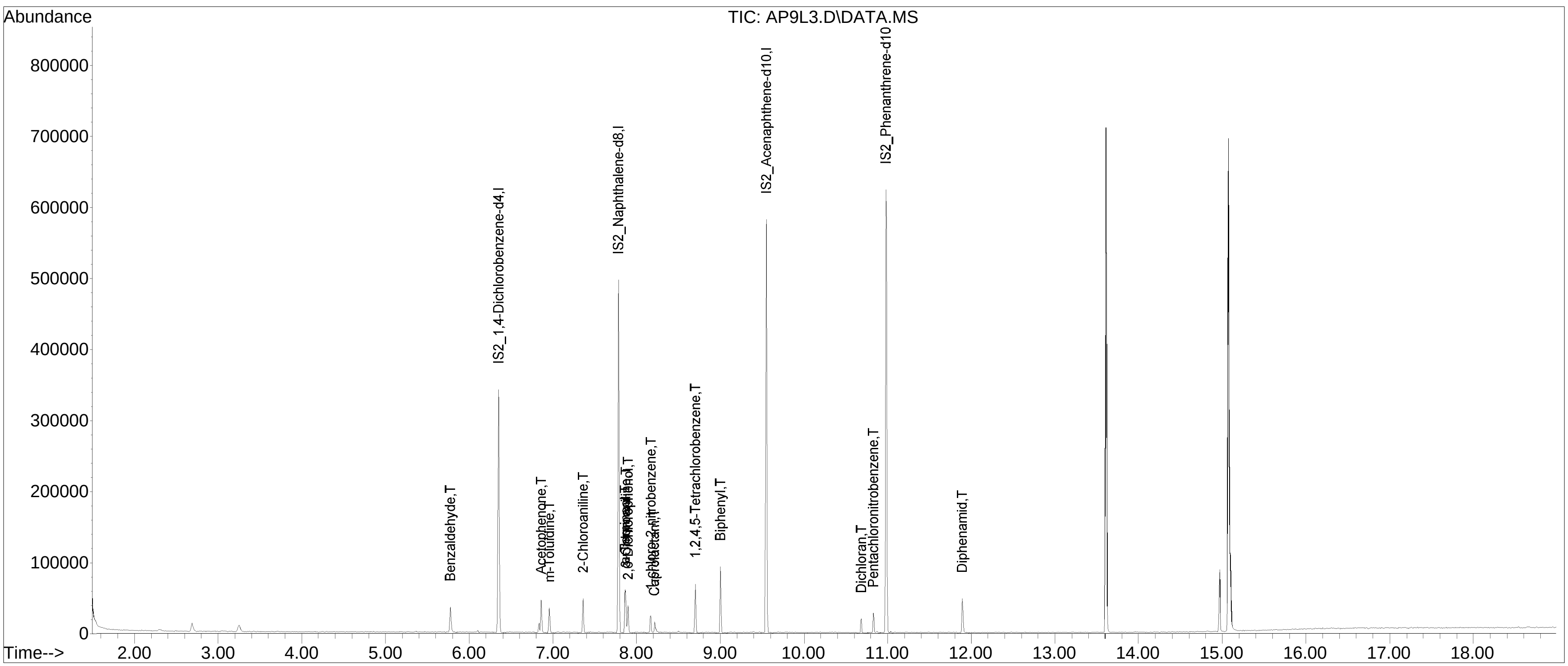
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L3.D
Acq On : 12 Mar 2025 1:49 am
Operator : SV106:ljg
Sample : IL8,32,,AP9L0.5 Lot# 11440
Misc : WG2039658,,ical
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 12 11:29:29 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : AP9L3.D                  Operator     : SV106:ljg
Date Inj'd  : 3/12/2025  1:49 am       Instrument   : SV 106
Sample      : IL8,32,,AP9L0.5 Lot# 11440Quant Date  : 3/12/2025 11:30 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L2.D
Acq On : 12 Mar 2025 2:12 am
Operator : SV106:ljg
Sample : IL9,32,,AP9L0.2 Lot# 11441
Misc : WG2039658,,ical
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 12 11:29:21 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	6.351	152	60708	4.000 ug/ml	0.00
Standard Area 3 = 56555			Recovery =	107.34%	
55) IS2_Naphthalene-d8	7.783	136	216867	4.000 ug/ml	# 0.00
Standard Area 3 = 212446			Recovery =	102.08%	
83) IS2_Acenaphthene-d10	9.550	164	134033	4.000 ug/ml	0.00
Standard Area 3 = 130976			Recovery =	102.33%	
98) IS2_Phenanthrene-d10	10.988	188	266278	4.000 ug/ml	# 0.00
Standard Area 3 = 265623			Recovery =	100.25%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	5.773	105	2850	0.197 ug/ml	90
29) Acetophenone	6.860	105	4013M6	0.161 ug/ml	
30) m-Toluidine	6.965	106	1216	0.053 ug/ml#	90
31) 2-Chloroaniline	7.363	127	3801	0.169 ug/ml#	89
56) a-Terpineol	7.862	59	2392	0.161 ug/ml#	78
57) 3-Chloroaniline	7.876	65	1245	0.165 ug/ml	93
58) 2,6-Dichlorophenol	7.898	162	2563	0.175 ug/ml	99
59) 1-chloro-2-nitrobenzene	8.171	111	1002	0.171 ug/ml#	1
60) Caprolactam	8.222	55	1693	0.190 ug/ml#	76
61) 1,2,4,5-Tetrachloroben...	8.701	216	3878	0.178 ug/ml	96
62) Biphenyl	9.000	154	9139	0.190 ug/ml	99
84) Dichloran	10.685	206	503	1.967 ug/ml#	26
85) Pentachloronitrobenzene	10.836	237	539	0.112 ug/ml#	27
99) Diphenamid	11.900	167	4470	0.163 ug/ml#	69

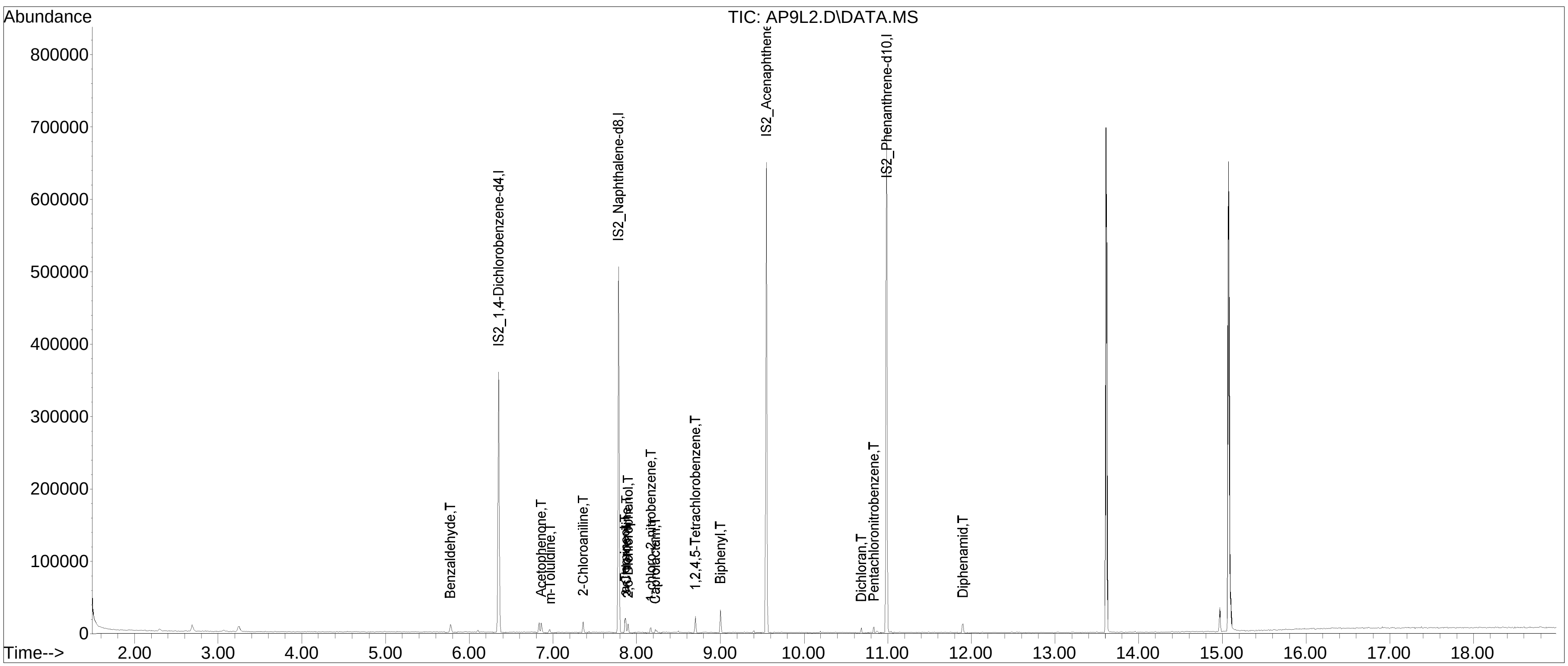
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L2.D
Acq On    : 12 Mar 2025   2:12 am
Operator  : SV106:ljg
Sample    : IL9,32,,AP9L0.2 Lot# 11441
Misc      : WG2039658,,ical
ALS Vial  : 24   Sample Multiplier: 1

Quant Time: Mar 12 11:29:21 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

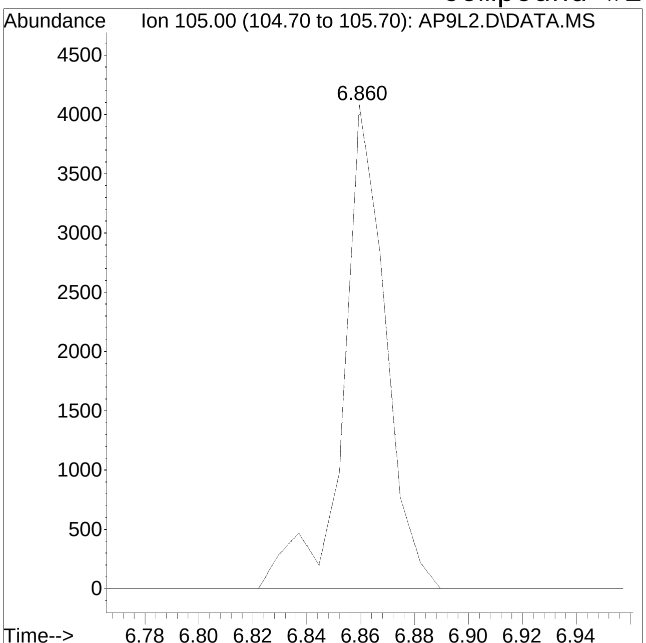
Sub List     : AP9ical - AP9 ical sublistTical\AP9L6.D•
```

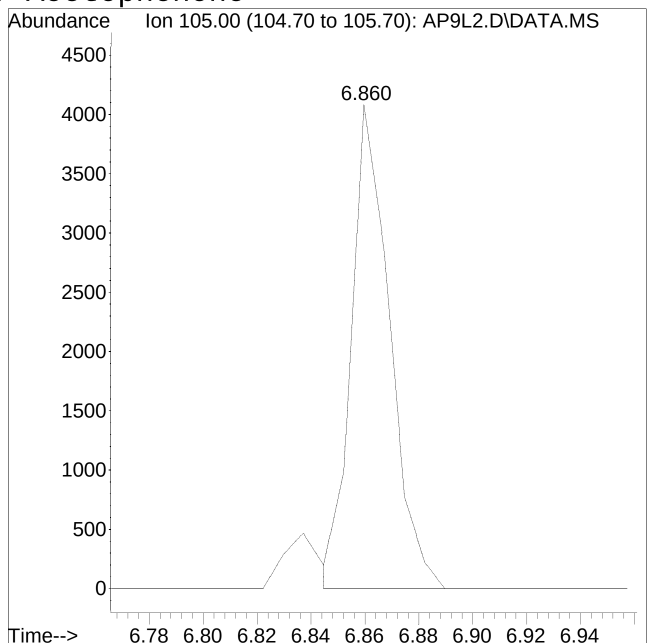


Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : AP9L2.D Operator : SV106:ljg
Date Inj'd : 3/12/2025 2:12 am Instrument : SV 106
Sample : IL9,32,,AP9L0.2 Lot# 11441Quant Date : 3/12/2025 11:30 am

Compound #29: Acetophenone





Original Peak Response = 4444 Manual Peak Response = 4013 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L1.D
Acq On    : 12 Mar 2025   2:36 am
Operator  : SV106:ljg
Sample    : IL10,32,,AP9L0.1 Lot# 11442
Misc      : WG2039658,,ical
ALS Vial  : 25   Sample Multiplier: 1

Quant Time: Mar 12 11:29:12 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
-----------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   6.351  152     52482     4.000 ug/ml    0.00
   Standard Area 3 = 56555                 Recovery   =   92.80%
55) IS2_Naphthalene-d8          7.782  136    190067     4.000 ug/ml  # 0.00
   Standard Area 3 = 212446                 Recovery   =   89.47%
83) IS2_Acenaphthene-d10        9.550  164    112695     4.000 ug/ml    0.00
   Standard Area 3 = 130976                 Recovery   =   86.04%
98) IS2_Phenanthrene-d10       10.988  188    224443     4.000 ug/ml    0.00
   Standard Area 3 = 265623                 Recovery   =   84.50%

 System Monitoring Compounds

 Target Compounds                                                  Qvalue
28) Benzaldehyde                5.781  105      1072      0.086 ug/ml     96
29) Acetophenone                6.867  105      2170      0.101 ug/ml#    76
30) m-Toluidine                 0.000              0        N.D.
31) 2-Chloroaniline             7.363  127      1766      0.091 ug/ml     96
56) a-Terpineol                 7.862   59      1349      0.103 ug/ml#    86
57) 3-Chloroaniline             7.876   65       583      0.088 ug/ml     94
58) 2,6-Dichlorophenol          7.898  162      1347      0.105 ug/ml#    75
59) 1-chloro-2-nitrobenzene     8.171  111       451M2    0.088 ug/ml
60) Caprolactam                 8.236   55       931M1    0.119 ug/ml
61) 1,2,4,5-Tetrachloroben...   8.701  216      2187      0.115 ug/ml#    80
62) Biphenyl                    9.000  154      4754      0.113 ug/ml     94
84) Dichloran                  10.685  206       314M2    1.945 ug/ml
85) Pentachloronitrobenzene    10.829  237       383M2    0.094 ug/ml
99) Diphenamid                 11.891  167      2156      0.093 ug/ml#    81
-----------------------------------------------------------------------------

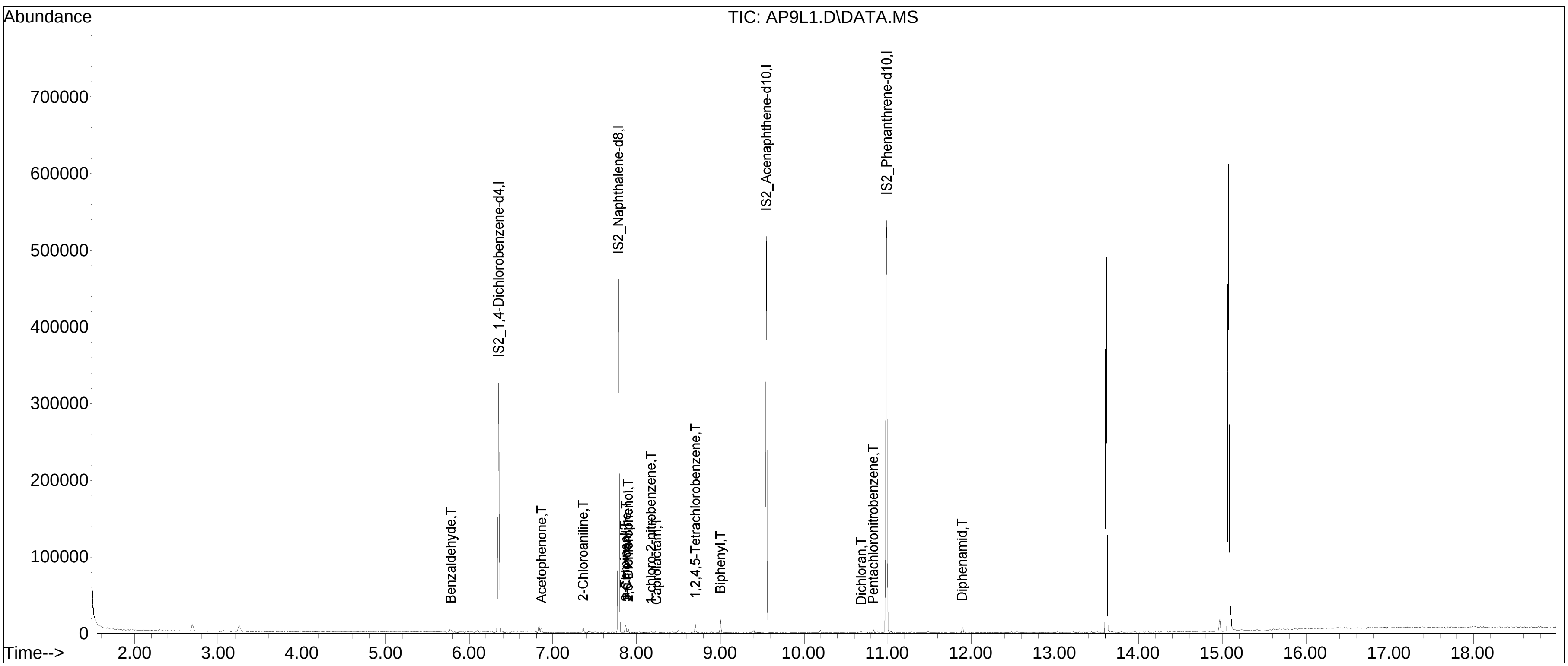
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9L1.D
Acq On : 12 Mar 2025 2:36 am
Operator : SV106:ljg
Sample : IL10,32,,AP9L0.1 Lot# 11442
Misc : WG2039658,,ical
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 12 11:29:12 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:34:57 2025
Response via : Initial Calibration

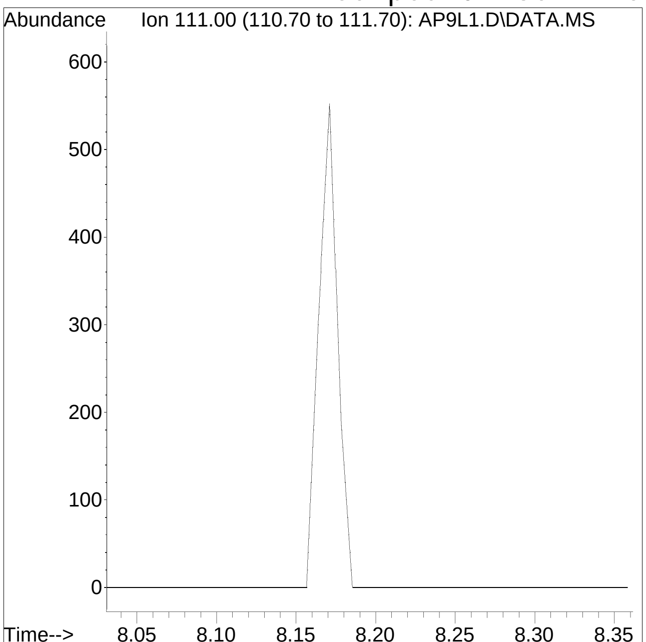
Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•

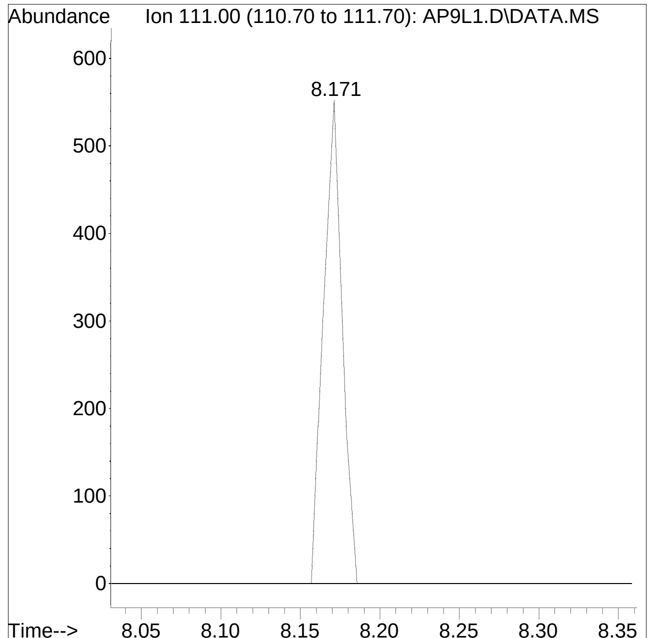


Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod      : FS250311SV106.m
Data File    : AP9L1.D                   Operator     : SV106:ljg
Date Inj'd   : 3/12/2025  2:36 am        Instrument   : SV 106
Sample       : IL10,32,,AP9L0.1 Lot# 1144Quant Date   : 3/12/2025 11:30 am
```

Compound #59: 1-chloro-2-nitrobenzene



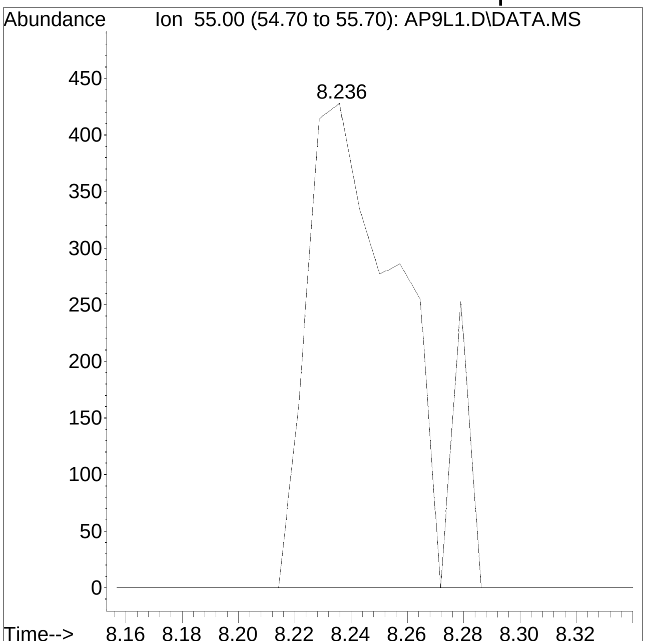


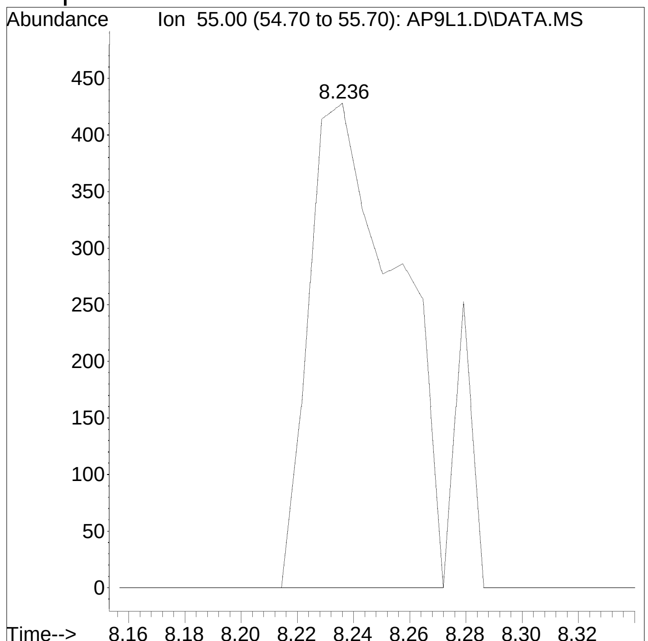
Original Peak Response = 0
Manual Peak Response = 451 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : AP9L1.D Operator : SV106:ljg
Date Inj'd : 3/12/2025 2:36 am Instrument : SV 106
Sample : IL10,32,,AP9L0.1 Lot# 1144Quant Date : 3/12/2025 11:30 am

Compound #60: Caprolactam





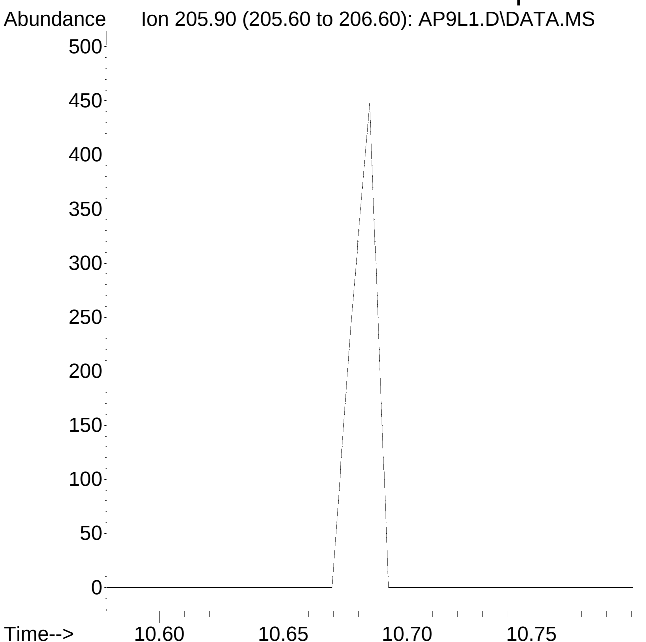
Original Peak Response = 1041 Manual Peak Response = 931 M1

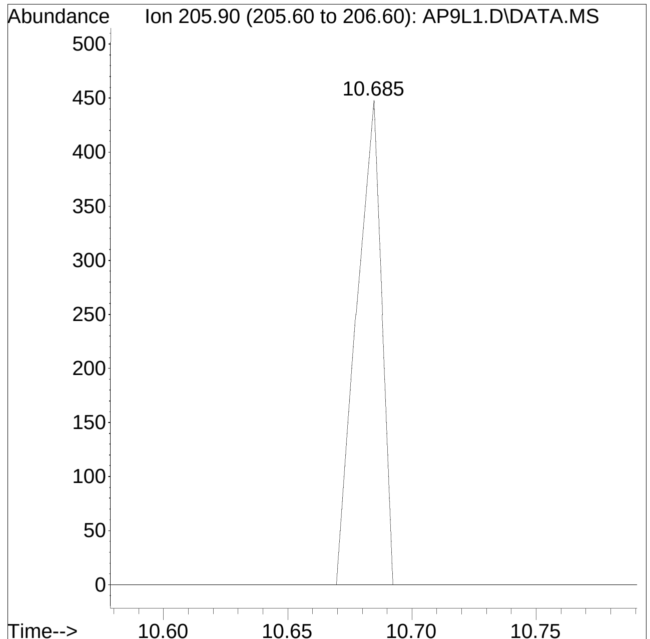
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV106\250311RVTicaQMethod : FS250311SV106.m
Data File : AP9L1.D Operator : SV106:ljg
Date Inj'd : 3/12/2025 2:36 am Instrument : SV 106
Sample : IL10,32,,AP9L0.1 Lot# 1144Quant Date : 3/12/2025 11:30 am

Compound #84: Dichloran



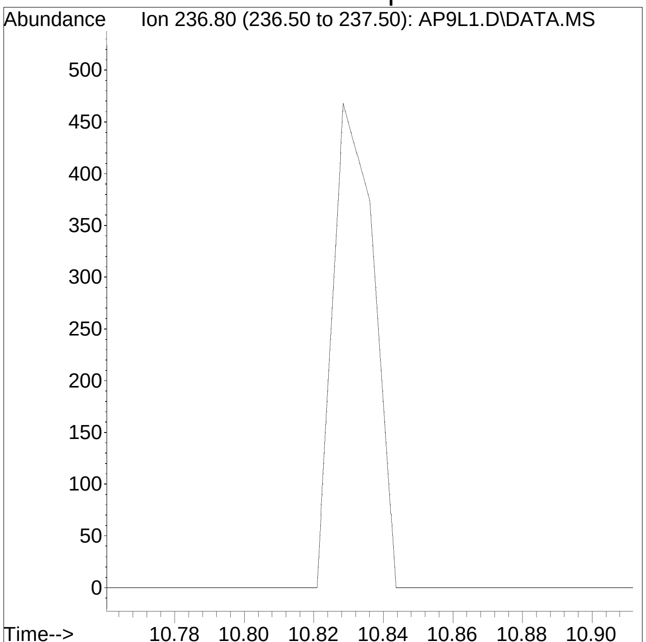


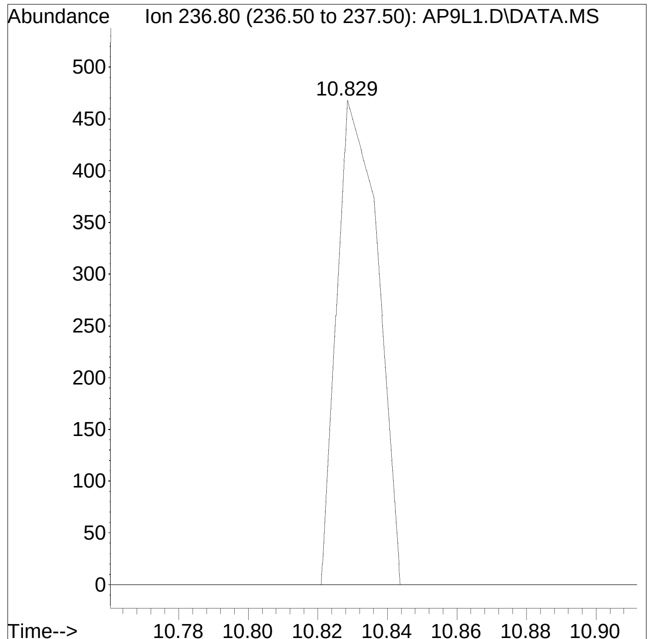
Original Peak Response = 0 Manual Peak Response = 314 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : AP9L1.D                    Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  2:36 am         Instrument  : SV 106
Sample      : IL10,32,,AP9L0.1 Lot# 1144Quant Date  : 3/12/2025 11:30 am
```

Compound #85: Pentachloronitrobenzene





Original Peak Response = 0   Manual Peak Response = 383 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL9.D
Acq On    : 12 Mar 2025   2:59 am
Operator  : SV106:ljg
Sample    : IL2,32,,ADPL50 Lot# 11443
Misc      : WG2039658,,ical
ALS Vial  : 26   Sample Multiplier: 1

Quant Time: Mar 12 10:29:50 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:30:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
-------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   6.351  152     50622     4.000 ug/ml    0.00
    Standard Area 2 = 58261                  Recovery   =   86.89%
 86) IS3_Acenaphthene-d10        9.550  164    114457     4.000 ug/ml    0.00
    Standard Area 2 = 127382                  Recovery   =   89.85%
100) IS3_Phenanthrene-d10       10.987  188    242176     4.000 ug/ml    0.00
    Standard Area 2 = 266366                  Recovery   =   90.92%

 System Monitoring Compounds

 Target Compounds                                                   Qvalue
 33) 1,4-Dioxane                 1.731   88     316110    45.588 ug/ml#    61
 34) n-Decane                    6.249   57    1088035    50.582 ug/ml#    38
 87) Atrazine                   10.768  200     629720    60.211 ug/ml     96
101) n-Octadecane               10.972   57    1571811    56.690 ug/ml#     1
102) Parathion                  11.778  109     293925    62.492 ug/ml     96
103) 3,3'-Dimethylbenzidine     13.054  212    2935321    74.963 ug/ml     98
-------------------------------------------------------------------------

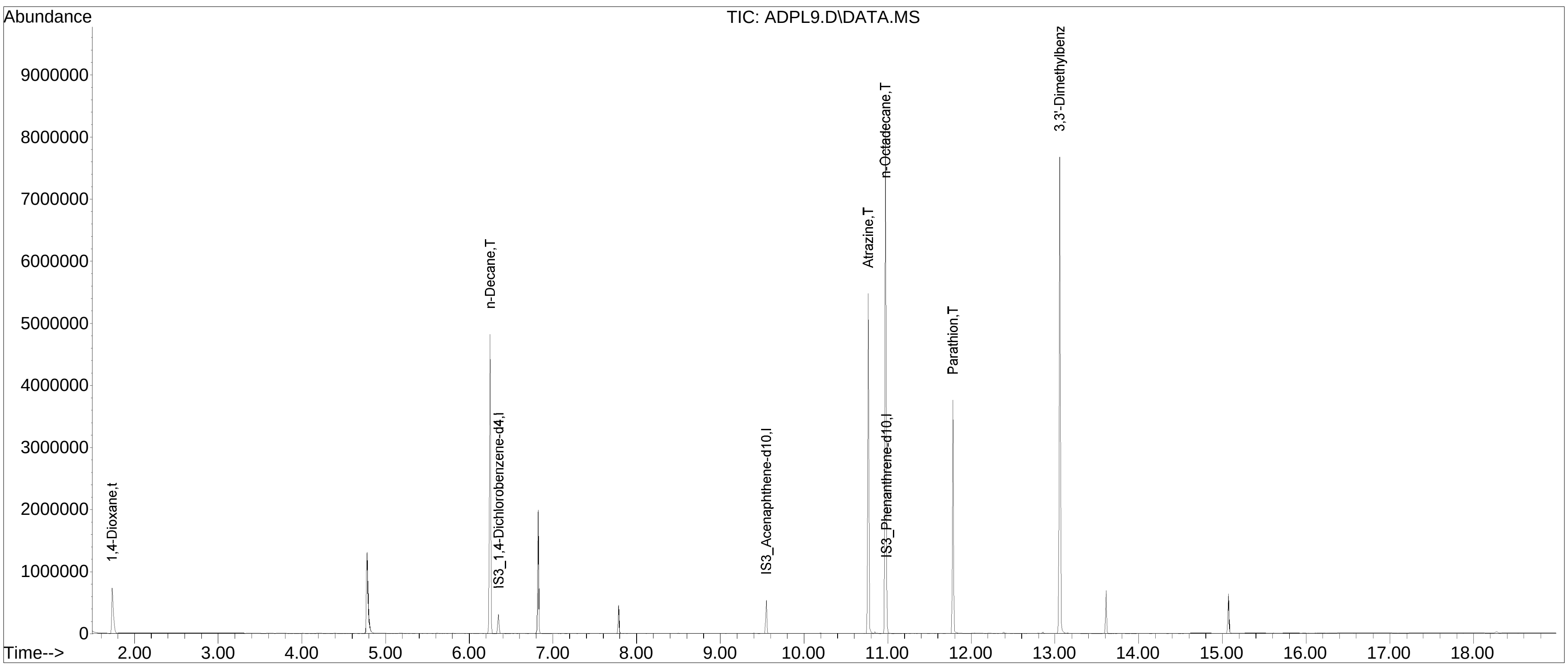
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL9.D
Acq On : 12 Mar 2025 2:59 am
Operator : SV106:ljg
Sample : IL2,32,,ADPL50 Lot# 11443
Misc : WG2039658,,ical
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 12 10:29:50 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:30:49 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV106\250311RVTica	QMethod	: FS250311SV106.m
Data File	: ADPL9.D	Operator	: SV106:ljg
Date Inj'd	: 3/12/2025 2:59 am	Instrument	: SV 106
Sample	: IL2,32,,ADPL50 Lot# 11443	Quant Date	: 3/12/2025 10:30 am

There are no manual integrations or false positives in this file.

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL8.D
Acq On    : 12 Mar 2025   3:23 am
Operator  : SV106:ljg
Sample    : IL3,32,,ADPL25 Lot# 11444
Misc      : WG2039658,,ical
ALS Vial  : 27   Sample Multiplier: 1

Quant Time: Mar 12 10:29:39 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:30:38 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ADPical_REV2 - ADP sublist
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.351	152	56242	4.000 ug/ml	0.00
Standard Area 2 = 58261			Recovery =	96.53%	
86) IS3_Acenaphthene-d10	9.550	164	118052	4.000 ug/ml	0.00
Standard Area 2 = 127382			Recovery =	92.68%	
100) IS3_Phenanthrene-d10	10.980	188	255155	4.000 ug/ml	0.00
Standard Area 2 = 266366			Recovery =	95.79%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.746	88	192355	24.969 ug/ml#	60
34) n-Decane	6.249	57	667856	27.946 ug/ml#	37
87) Atrazine	10.768	200	381049	35.325 ug/ml	97
101) n-Octadecane	10.972	57	962959	32.964 ug/ml#	1
102) Parathion	11.778	109	169910	34.353 ug/ml	93
103) 3,3'-Dimethylbenzidine	13.054	212	1691698	41.005 ug/ml	98

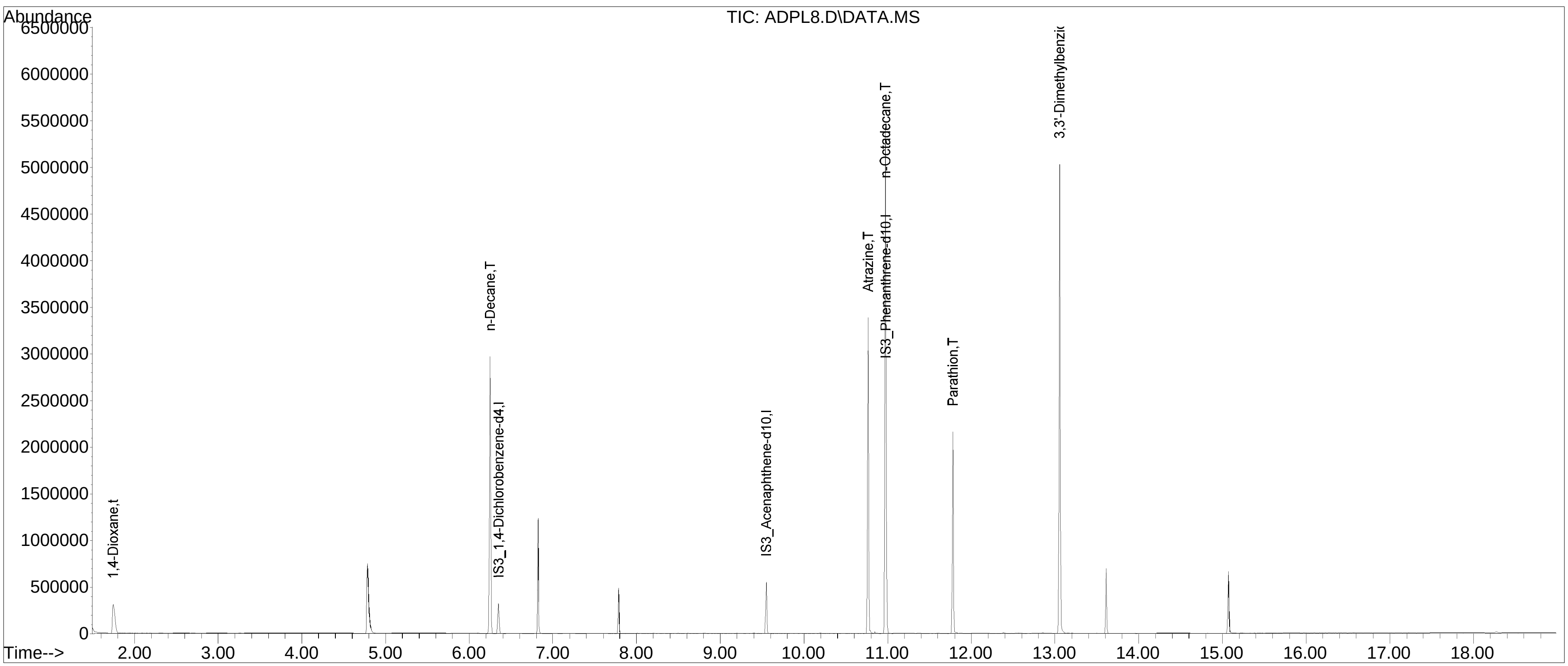
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL8.D
Acq On : 12 Mar 2025 3:23 am
Operator : SV106:ljg
Sample : IL3,32,,ADPL25 Lot# 11444
Misc : WG2039658,,ical
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 12 10:29:39 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:30:38 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ADPL8.D                    Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  3:23 am         Instrument  : SV 106
Sample      : IL3,32,,ADPL25 Lot# 11444 Quant Date  : 3/12/2025 10:30 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL7.D
Acq On    : 12 Mar 2025   3:46 am
Operator  : SV106:ljg
Sample    : IL4,32,,ADPL10 Lot# 11445
Misc      : WG2039658,,ical
ALS Vial  : 28   Sample Multiplier: 1

Quant Time: Mar 12 10:29:29 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:30:28 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ADPical_REV2 - ADP sublist

       Compound                      R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   6.351  152     56194     4.000 ug/ml    0.00
    Standard Area 2 = 58261                 Recovery   =   96.45%
 86) IS3_Acenaphthene-d10        9.550  164    123752     4.000 ug/ml    0.00
    Standard Area 2 = 127382                 Recovery   =   97.15%
100) IS3_Phenanthrene-d10       10.988  188    262736     4.000 ug/ml    0.00
    Standard Area 2 = 266366                 Recovery   =   98.64%

 System Monitoring Compounds

 Target Compounds                                                   Qvalue
 33) 1,4-Dioxane                 1.746   88     66044      8.580 ug/ml#    61
 34) n-Decane                    6.249   57    228529      9.571 ug/ml#    37
 87) Atrazine                   10.768  200    118980     10.522 ug/ml     96
101) n-Octadecane               10.973   57    314688     10.462 ug/ml#     1
102) Parathion                  11.779  109     44659      8.877 ug/ml#    95
103) 3,3'-Dimethylbenzidine     13.054  212    501782     11.812 ug/ml     99
 --------------------------------------------------------------------------

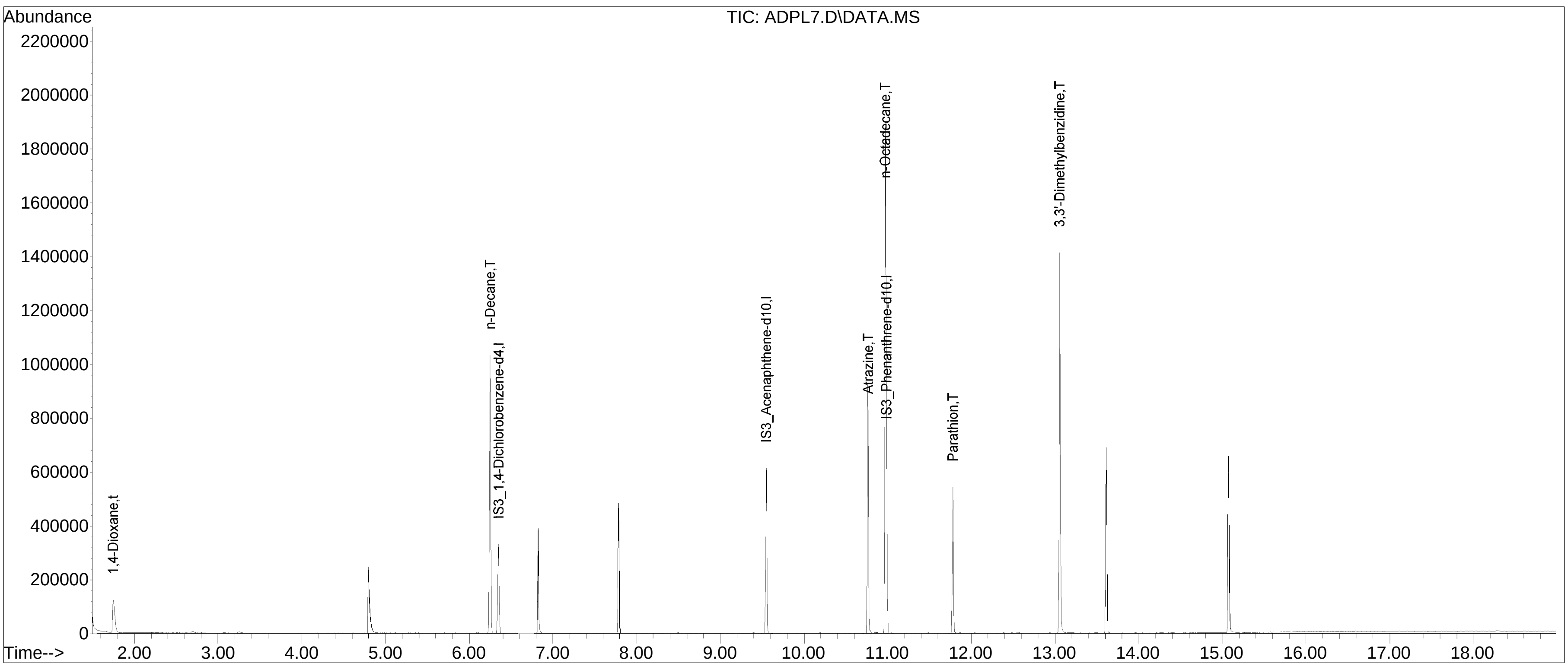
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL7.D
Acq On : 12 Mar 2025 3:46 am
Operator : SV106:ljg
Sample : IL4,32,,ADPL10 Lot# 11445
Misc : WG2039658,,ical
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 12 10:29:29 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:30:28 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ADPL7.D                    Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  3:46 am         Instrument  : SV 106
Sample      : IL4,32,,ADPL10 Lot# 11445 Quant Date  : 3/12/2025 10:30 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL6.D
Acq On    : 12 Mar 2025   4:09 am
Operator  : SV106:ljg
Sample    : IL5,32,,ADPL5 Lot# 11446
Misc      : WG2039658,,ical
ALS Vial  : 29   Sample Multiplier: 1

Quant Time: Mar 12 10:29:19 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:30:16 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   6.351  152     58261     4.000 ug/ml    0.00
    Standard Area 2 = 58261                 Recovery   =  100.00%
 86) IS3_Acenaphthene-d10        9.550  164    127382     4.000 ug/ml    0.00
    Standard Area 2 = 127382                 Recovery   =  100.00%
100) IS3_Phenanthrene-d10       10.988  188    266366     4.000 ug/ml  # 0.00
    Standard Area 2 = 266366                 Recovery   =  100.00%

 System Monitoring Compounds

 Target Compounds                                                Qvalue
 33) 1,4-Dioxane                 1.753   88     33982      4.258 ug/ml#    61
 34) n-Decane                    6.249   57    114296      4.617 ug/ml#    36
 87) Atrazine                   10.760  200     53357      4.584 ug/ml     97
101) n-Octadecane               10.973   57    146808      4.814 ug/ml#     1
102) Parathion                  11.778  109     19034      3.816 ug/ml#    94
103) 3,3'-Dimethylbenzidine     13.054  212    198733      4.614 ug/ml     99
 --------------------------------------------------------------------------

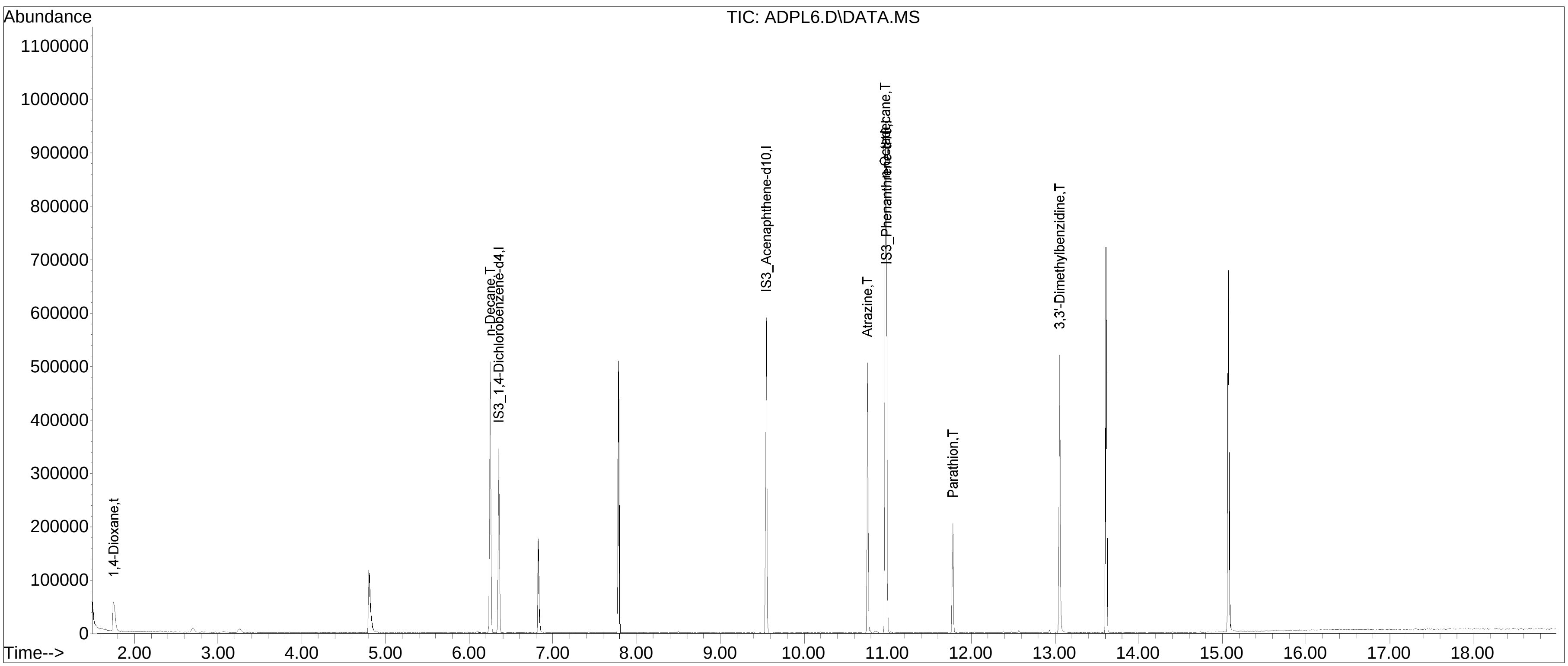
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL6.D
Acq On   : 12 Mar 2025   4:09 am
Operator : SV106:ljg
Sample   : IL5,32,,ADPL5 Lot# 11446
Misc   : WG2039658,,ical
ALS Vial : 29   Sample Multiplier: 1

Quant Time: Mar 12 10:29:19 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:30:16 2025
Response via : Initial Calibration

Sub List   : ADPical_REV2 - ADP sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ADPL6.D                   Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  4:09 am        Instrument  : SV 106
Sample      : IL5,32,,ADPL5 Lot# 11446  Quant Date  : 3/12/2025 10:30 am
```

There are no manual integrations or false positives in this file.

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL5.D
Acq On    : 12 Mar 2025   4:33 am
Operator  : SV106:ljg
Sample    : IL6,32,,ADPL2.5 Lot# 11447
Misc      : WG2039658,,ical
ALS Vial  : 30   Sample Multiplier: 1

Quant Time: Mar 12 10:29:06 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:30:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                        R.T. QIon  Response  Conc Units Dev(Min)
   --------------------------------------------------------------------------
   Internal Standards
  32) IS3_1,4-Dichlorobenzen...   6.351  152     55405     4.000 ug/ml    0.00
     Standard Area 2 = 58261                 Recovery   =   95.10%
  86) IS3_Acenaphthene-d10        9.550  164    119346     4.000 ug/ml    0.00
     Standard Area 2 = 127382                 Recovery   =   93.69%
 100) IS3_Phenanthrene-d10       10.980  188    253725     4.000 ug/ml    0.00
     Standard Area 2 = 266366                 Recovery   =   95.25%

   System Monitoring Compounds

   Target Compounds                                                    Qvalue
  33) 1,4-Dioxane                 1.753   88      16182      2.132 ug/ml#    64
  34) n-Decane                    6.249   57      50558      2.147 ug/ml#    35
  87) Atrazine                   10.760  200      22752      2.086 ug/ml     95
 101) n-Octadecane               10.973   57      59761      2.057 ug/ml#     1
 102) Parathion                  11.778  109       8047      1.774 ug/ml#    92
 103) 3,3'-Dimethylbenzidine     13.054  212      77092      1.879 ug/ml     98
   --------------------------------------------------------------------------

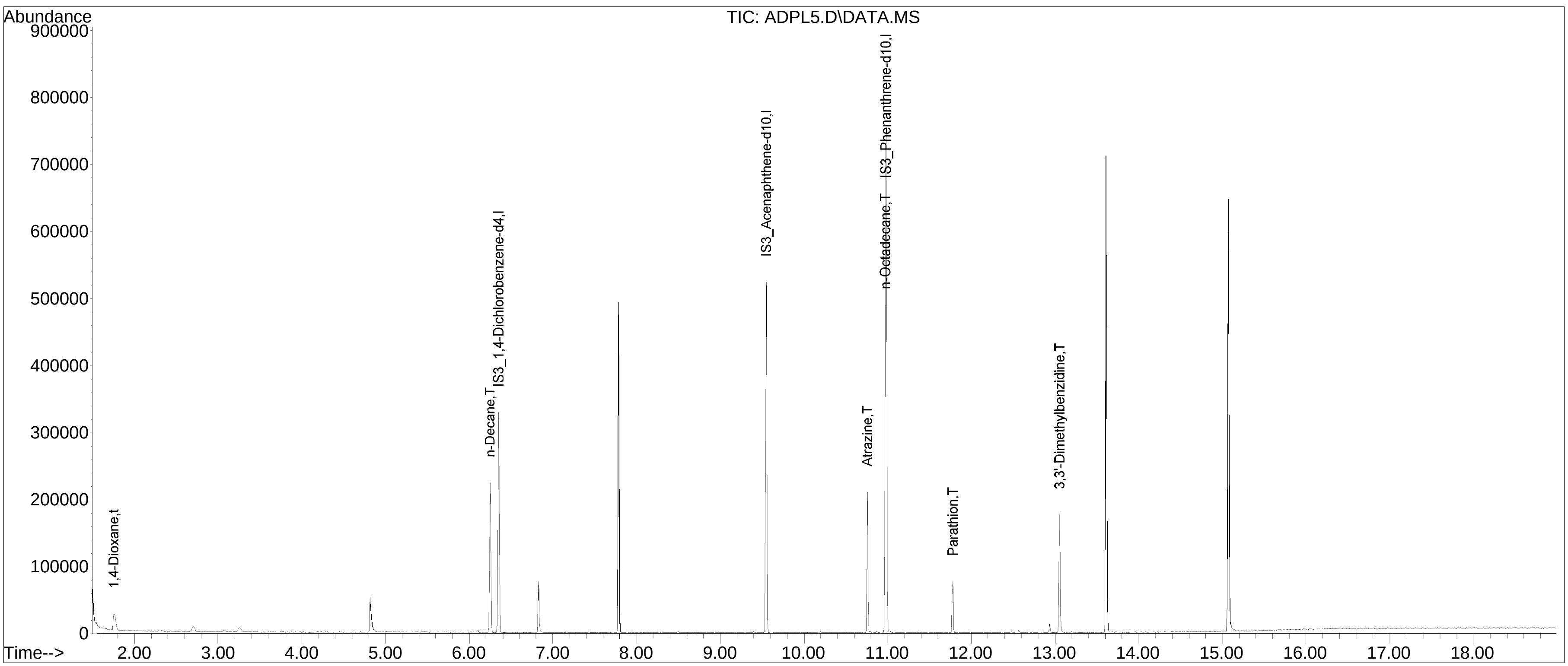
   (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL5.D
Acq On : 12 Mar 2025 4:33 am
Operator : SV106:ljg
Sample : IL6,32,,ADPL2.5 Lot# 11447
Misc : WG2039658,,ical
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 12 10:29:06 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:30:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ADPL5.D                    Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  4:33 am         Instrument  : SV 106
Sample      : IL6,32,,ADPL2.5 Lot# 11447Quant Date  : 3/12/2025 10:30 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL4.D
Acq On : 12 Mar 2025 4:56 am
Operator : SV106:ljg
Sample : IL7,32,,ADPL1 Lot# 11448
Misc : WG2039658,,ical
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 12 10:28:57 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:29:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	6.351	152	57291	4.000	ug/ml	0.00
Standard Area 2 = 58261			Recovery =	98.34%		
86) IS3_Acenaphthene-d10	9.550	164	122156	4.000	ug/ml	0.00
Standard Area 2 = 127382			Recovery =	95.90%		
100) IS3_Phenanthrene-d10	10.988	188	250087	4.000	ug/ml	0.00
Standard Area 2 = 266366			Recovery =	93.89%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.767	88	7495	0.955	ug/ml#	60
34) n-Decane	6.249	57	25267	1.038	ug/ml#	37
87) Atrazine	10.760	200	9342	0.837	ug/ml	98
101) n-Octadecane	10.972	57	26430	0.923	ug/ml#	1
102) Parathion	11.778	109	3559	0.876	ug/ml	95
103) 3,3'-Dimethylbenzidine	13.054	212	21817	0.540	ug/ml	98

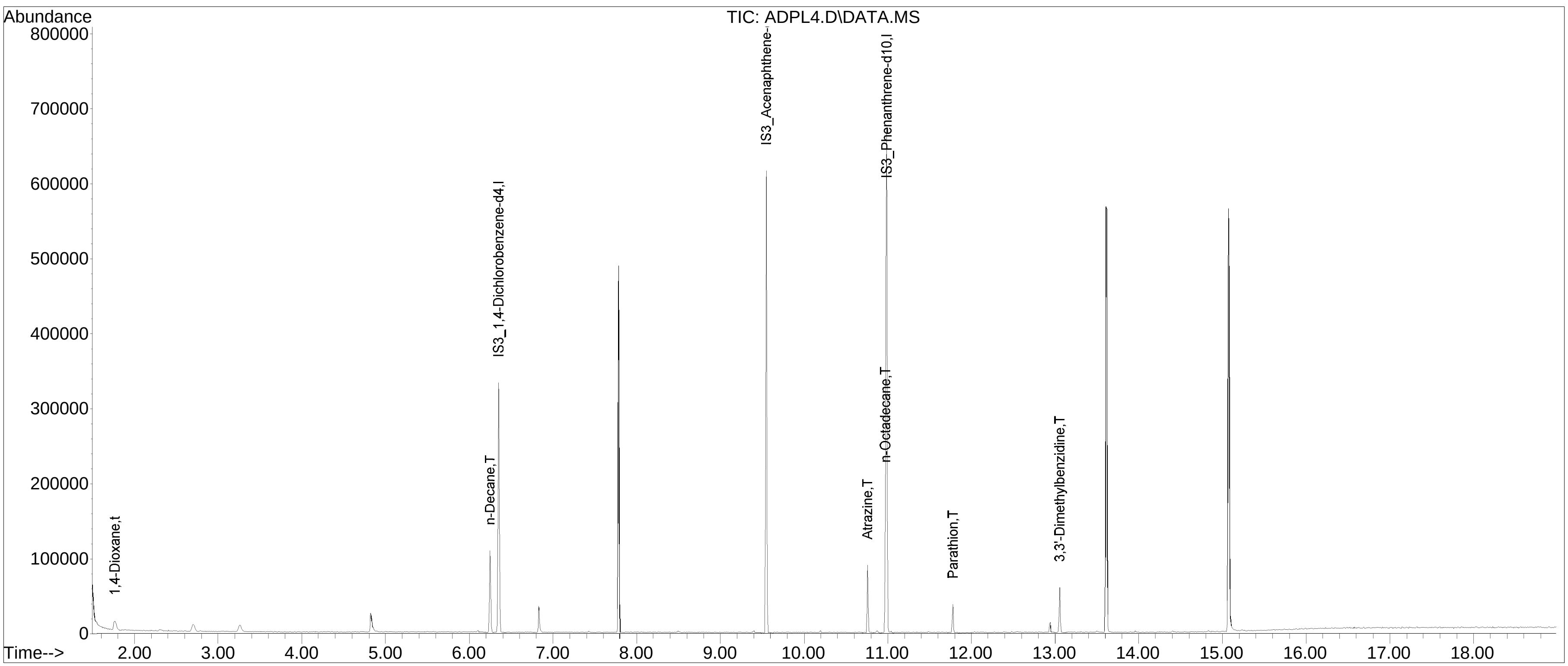
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL4.D
Acq On : 12 Mar 2025 4:56 am
Operator : SV106:ljg
Sample : IL7,32,,ADPL1 Lot# 11448
Misc : WG2039658,,ical
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 12 10:28:57 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:29:57 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ADPL4.D                  Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  4:56 am       Instrument  : SV 106
Sample      : IL7,32,,ADPL1 Lot# 11448  Quant Date  : 3/12/2025 10:29 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL3.D
Acq On    : 12 Mar 2025   5:20 am
Operator  : SV106:ljg
Sample    : IL8,32,,ADPL0.5 Lot# 11449
Misc      : WG2039658,,ical
ALS Vial  : 32   Sample Multiplier: 1

Quant Time: Mar 12 10:28:24 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:29:24 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   6.351  152     53514     4.000 ug/ml    0.00
    Standard Area 2 = 58261                 Recovery   =   91.85%
 86) IS3_Acenaphthene-d10        9.550  164    113473     4.000 ug/ml    0.00
    Standard Area 2 = 127382                 Recovery   =   89.08%
100) IS3_Phenanthrene-d10       10.987  188    235698     4.000 ug/ml    0.00
    Standard Area 2 = 266366                 Recovery   =   88.49%

 System Monitoring Compounds

 Target Compounds                                                  Qvalue
 33) 1,4-Dioxane                 1.753   88      4661      0.636 ug/ml#    69
 34) n-Decane                    6.249   57     12582      0.553 ug/ml#    36
 87) Atrazine                   10.760  200      4678      0.451 ug/ml     96
101) n-Octadecane               10.972   57     12842      0.476 ug/ml#     1
102) Parathion                  11.778  109      1948      0.570 ug/ml#    83
103) 3,3'-Dimethylbenzidine     13.054  212      8865      0.233 ug/ml     99
 ---------------------------------------------------------------------------

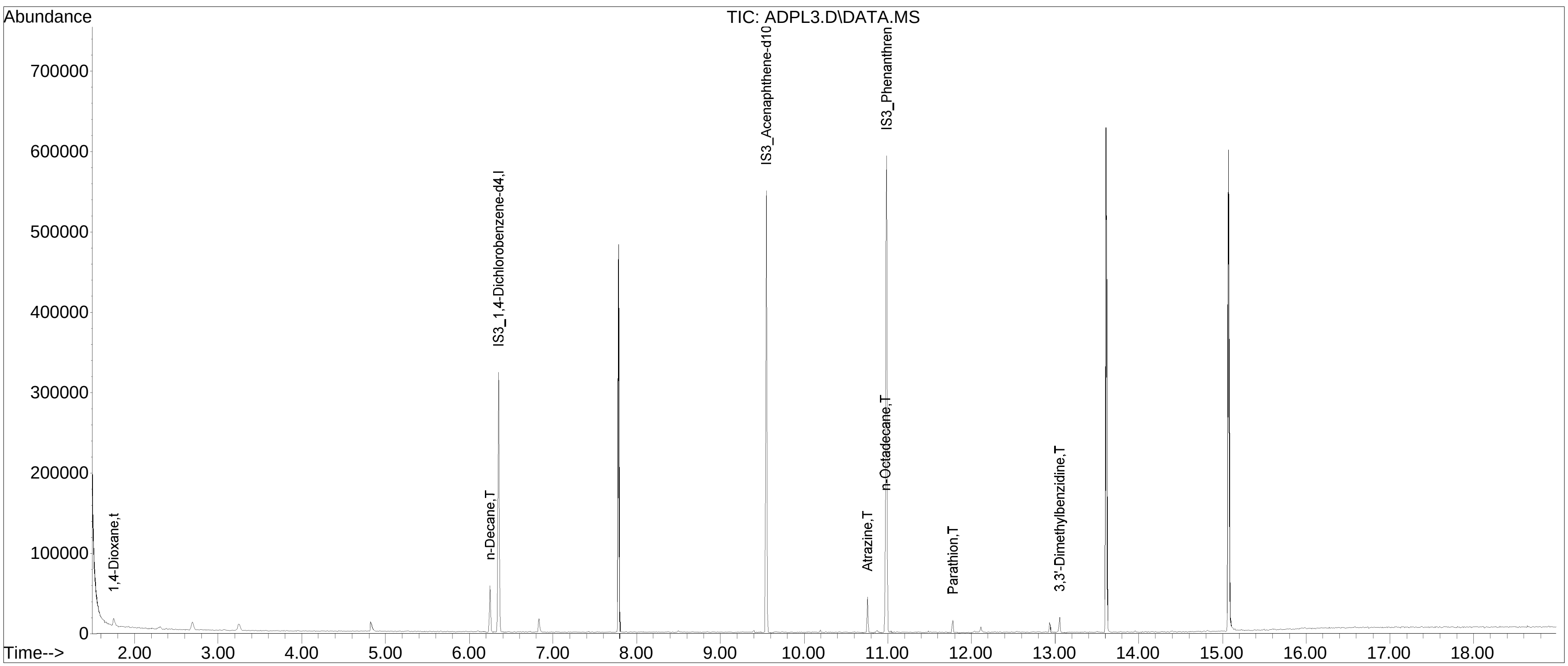
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL3.D
Acq On   : 12 Mar 2025   5:20 am
Operator : SV106:ljg
Sample   : IL8,32,,ADPL0.5 Lot# 11449
Misc   : WG2039658,,ical
ALS Vial : 32   Sample Multiplier: 1

Quant Time: Mar 12 10:28:24 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:29:24 2025
Response via : Initial Calibration

Sub List   : ADPical_REV2 - ADP sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ADPL3.D                   Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  5:20 am        Instrument  : SV 106
Sample      : IL8,32,,ADPL0.5 Lot# 11449Quant Date  : 3/12/2025 10:29 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL2.D
Acq On    : 12 Mar 2025   5:43 am
Operator  : SV106:ljg
Sample    : IL9,32,,ADPL0.2 Lot# 11450
Misc      : WG2039658,,ical
ALS Vial  : 33   Sample Multiplier: 1

Quant Time: Mar 12 10:27:35 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:28:34 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   6.351  152     51722     4.000 ug/ml    0.00
    Standard Area 2 = 58261                Recovery   =   88.78%
 86) IS3_Acenaphthene-d10        9.550  164    105533     4.000 ug/ml    0.00
    Standard Area 2 = 127382                Recovery   =   82.85%
100) IS3_Phenanthrene-d10       10.980  188    220396     4.000 ug/ml    0.00
    Standard Area 2 = 266366                Recovery   =   82.74%

 System Monitoring Compounds

 Target Compounds                                                  Qvalue
 33) 1,4-Dioxane                 1.753   88      1475      0.208 ug/ml#    80
 34) n-Decane                    6.249   57      3961      0.180 ug/ml#    28
 87) Atrazine                   10.761  200      1589      0.165 ug/ml#    70
101) n-Octadecane               10.973   57      4168      0.165 ug/ml#     1
102) Parathion                  11.779  109       464M2    0.253 ug/ml
103) 3,3'-Dimethylbenzidine      0.000              0       N.D.
 ---------------------------------------------------------------------------

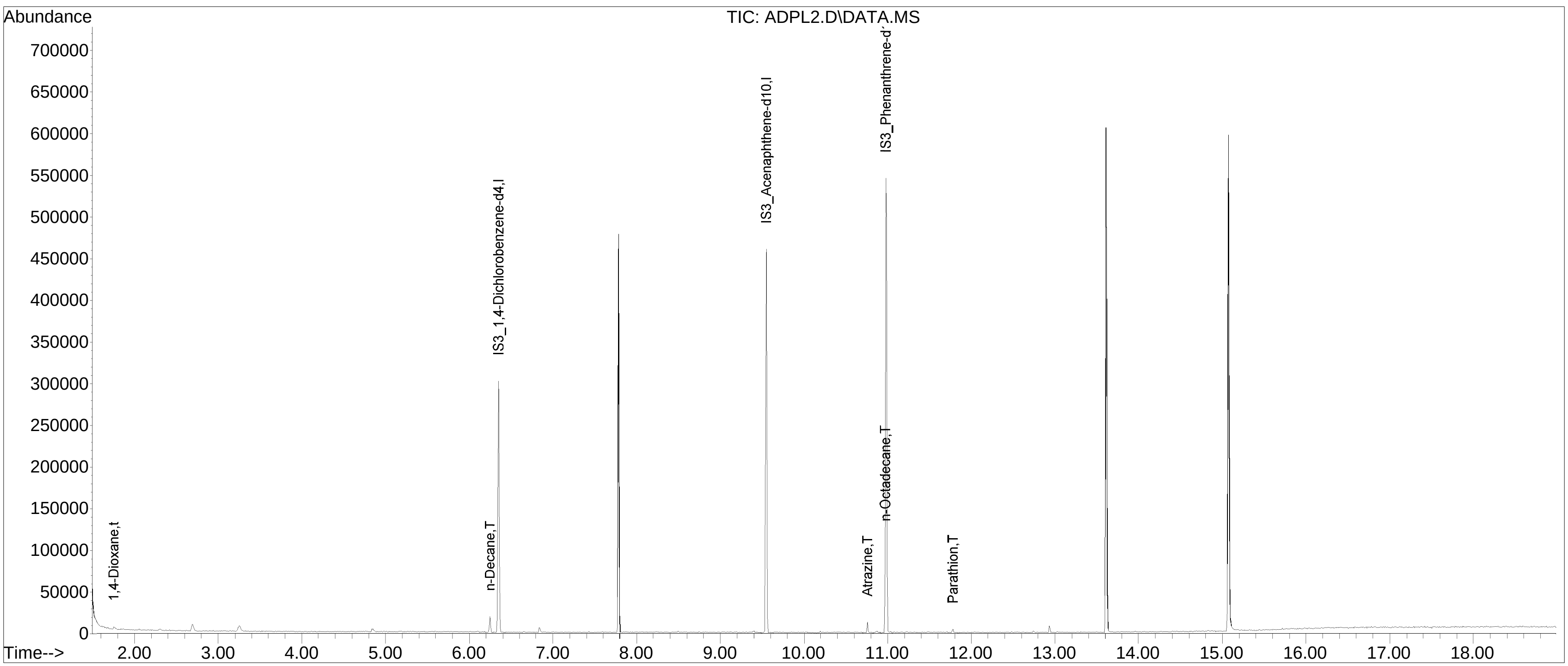
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL2.D
Acq On : 12 Mar 2025 5:43 am
Operator : SV106:ljg
Sample : IL9,32,,ADPL0.2 Lot# 11450
Misc : WG2039658,,ical
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 12 10:27:35 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:28:34 2025
Response via : Initial Calibration

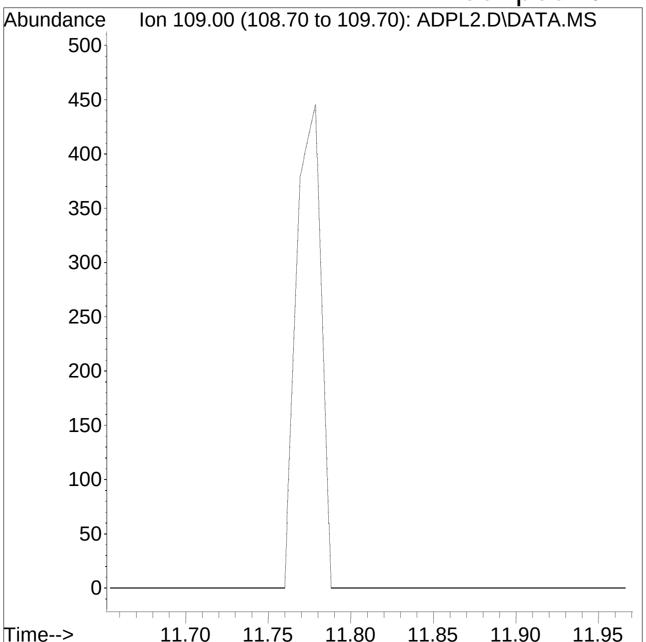
Sub List : ADPical_REV2 - ADP sublistTical\AP9L6.D•

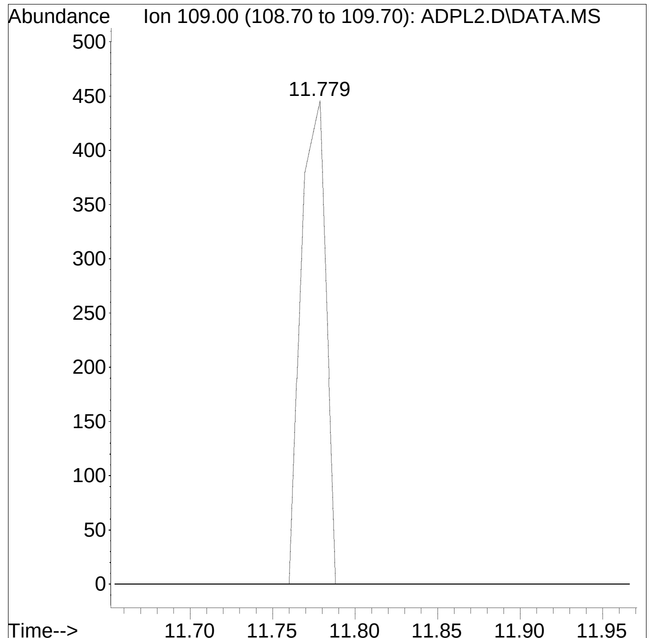


Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod      : FS250311SV106.m
Data File    : ADPL2.D                   Operator     : SV106:ljg
Date Inj'd   : 3/12/2025  5:43 am        Instrument   : SV 106
Sample       : IL9,32,,ADPL0.2 Lot# 11450Quant Date   : 3/12/2025 10:28 am
```

Compound #102: Parathion





Original Peak Response = 0 Manual Peak Response = 464 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL1.D
Acq On : 12 Mar 2025 6:06 am
Operator : SV106:ljg
Sample : IL10,32,,ADPL0.1 Lot# 11451
Misc : WG2039658,,ical
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 12 10:27:08 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:28:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
: 2 - I:\8270\SV106\250311RVTical\ADPL6.D
: 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.351	152	53575	4.000 ug/ml	0.00
Standard Area 2 = 58261			Recovery =	91.96%	
86) IS3_Acenaphthene-d10	9.550	164	112878	4.000 ug/ml	0.00
Standard Area 2 = 127382			Recovery =	88.61%	
100) IS3_Phenanthrene-d10	10.988	188	227259	4.000 ug/ml	0.00
Standard Area 2 = 266366			Recovery =	85.32%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.753	88	924	0.126 ug/ml#	72
34) n-Decane	6.249	57	2471	0.109 ug/ml#	29
87) Atrazine	10.760	200	1048	0.102 ug/ml#	33
101) n-Octadecane	10.972	57	2641	0.102 ug/ml#	1
102) Parathion	11.778	109	346M2	0.223 ug/ml	
103) 3,3'-Dimethylbenzidine	0.000		0	N.D.	

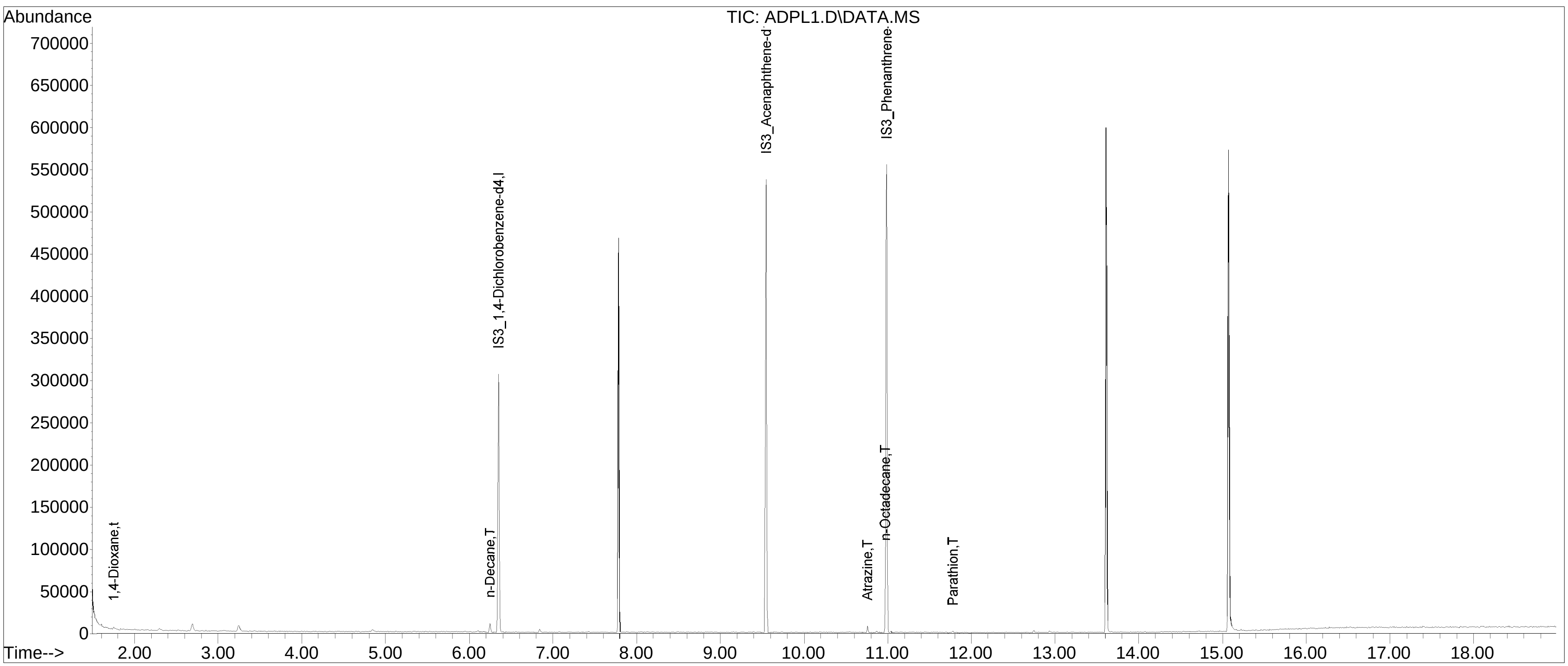
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPL1.D
Acq On   : 12 Mar 2025   6:06 am
Operator : SV106:ljg
Sample   : IL10,32,,ADPL0.1 Lot# 11451
Misc   : WG2039658,,ical
ALS Vial : 34   Sample Multiplier: 1

Quant Time: Mar 12 10:27:08 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 10:28:07 2025
Response via : Initial Calibration

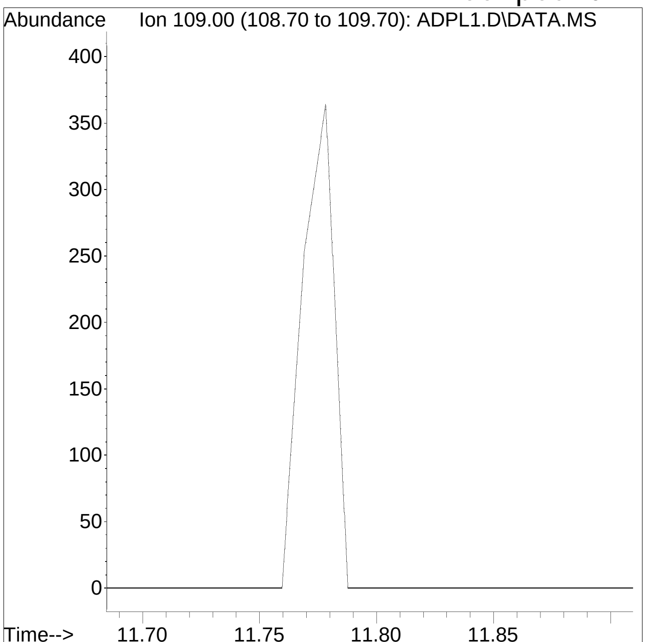
Sub List   : ADPical_REV2 - ADP sublistTical\AP9L6.D•

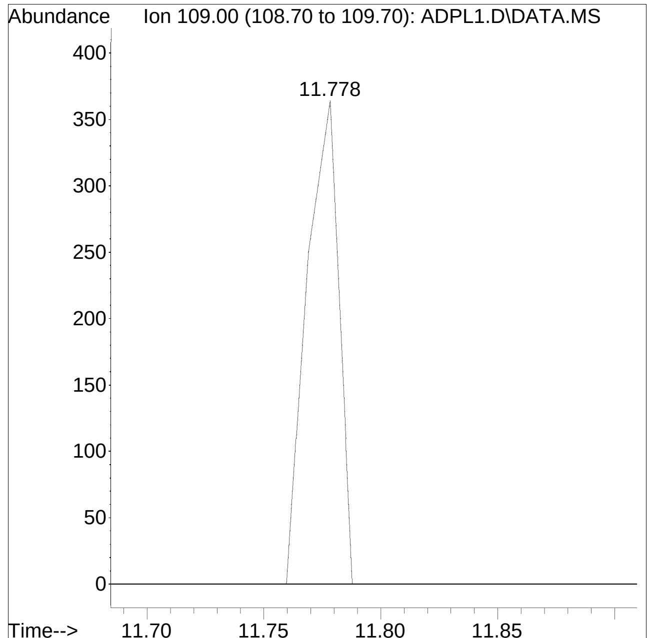


Manual Integration Report

```
Data Path    : I:\8270\SV106\250311RVTicaQMethod      : FS250311SV106.m
Data File    : ADPL1.D                     Operator     : SV106:ljg
Date Inj'd   : 3/12/2025  6:06 am          Instrument   : SV 106
Sample       : IL10,32,,ADPL0.1 Lot# 1145Quant Date   : 3/12/2025 10:28 am
```

Compound #102: Parathion





Original Peak Response = 0   Manual Peak Response = 346 M2

M2 = Peak not found by automatic integration algorithm.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9ICV.D
Acq On : 12 Mar 2025 6:30 am
Operator : SV106:ljg
Sample : CQICV2,32,,AP9ICV Lot# 11453
Misc : WG2039658,,ical
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 12 12:20:59 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	89	0.00
28	T	Benzaldehyde		0.954	1.172	-22.9#	110	0.00
29	T	Acetophenone		1.646	2.003	-21.7#	107	0.00
30	T	m-Toluidine		1.514	1.919	-26.8#	109	0.00
31	T	2-Chloroaniline		1.481	1.814	-22.5#	109	0.00
55	I	IS2_Naphthalene-d8		1.000	1.000	0.0	87	0.00
56	T	a-Terpineol		0.275	0.319	-16.0	102	0.00
57	T	3-Chloroaniline		0.139	0.177	-27.3#	110	0.00
58	T	2,6-Dichlorophenol		0.270	0.313	-15.9	103	0.00
59	T	1-chloro-2-nitrobenzene		0.108	0.123	-13.9	102	0.00
60	T	Caprolactam		0.165	0.173	-4.8	101	0.00
61	T	1,2,4,5-Tetrachlorobenzene		0.401	0.476	-18.7	108	0.00
62	T	Biphenyl		0.885	1.054	-19.1	108	0.00
83	I	IS2_Acenaphthene-d10		1.000	1.000	0.0	83	0.00
84	T	Dichloran	*	5.000	5.546	-10.9	99	0.00
85	T	Pentachloronitrobenzene		0.144	0.161	-11.8	102	0.00
98	I	IS2_Phenanthrene-d10		1.000	1.000	0.0	84	0.00
99	T	Diphenamid		0.413	0.528	-27.8#	104	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9ICV.D
Acq On    : 12 Mar 2025   6:30 am
Operator  : SV106:ljg
Sample    : CQICV2,32,,AP9ICV Lot# 11453
Misc      : WG2039658,,ical
ALS Vial  : 35   Sample Multiplier: 1

Quant Time: Mar 12 12:20:59 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:58 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   6.351  152     50080     4.000 ug/ml    0.00
   Standard Area 3 = 56555                  Recovery   =   88.55%
55) IS2_Naphthalene-d8          7.783  136    184384     4.000 ug/ml  # 0.00
   Standard Area 3 = 212446                  Recovery   =   86.79%
83) IS2_Acenaphthene-d10        9.550  164    109241     4.000 ug/ml    0.00
   Standard Area 3 = 130976                  Recovery   =   83.41%
98) IS2_Phenanthrene-d10       10.988  188    223243     4.000 ug/ml  # 0.00
   Standard Area 3 = 265623                  Recovery   =   84.05%

 System Monitoring Compounds

 Target Compounds                                                   Qvalue
28) Benzaldehyde                5.765  105     73385      6.146 ug/ml     94
29) Acetophenone                6.852  105    125365      6.085 ug/ml#    88
30) m-Toluidine                 6.957  106    120144      6.337 ug/ml     95
31) 2-Chloroaniline             7.363  127    113544      6.125 ug/ml#    94
56) a-Terpineol                 7.862   59     73543      5.806 ug/ml#    86
57) 3-Chloroaniline             7.869   65     40890      6.361 ug/ml     89
58) 2,6-Dichlorophenol          7.898  162     72072      5.790 ug/ml#    87
59) 1-chloro-2-nitrobenzene     8.164  111     28322      5.690 ug/ml#     1
60) Caprolactam                 8.207   55     39903      5.259 ug/ml#    88
61) 1,2,4,5-Tetrachloroben...   8.701  216    109727      5.929 ug/ml     98
62) Biphenyl                    9.001  154    242983      5.954 ug/ml     98
84) Dichloran                  10.685  206     17393      5.546 ug/ml#    74
85) Pentachloronitrobenzene    10.836  237     22043      5.610 ug/ml#    79
99) Diphenamid                 11.901  167    147216      6.390 ug/ml#    79
 --------------------------------------------------------------------------

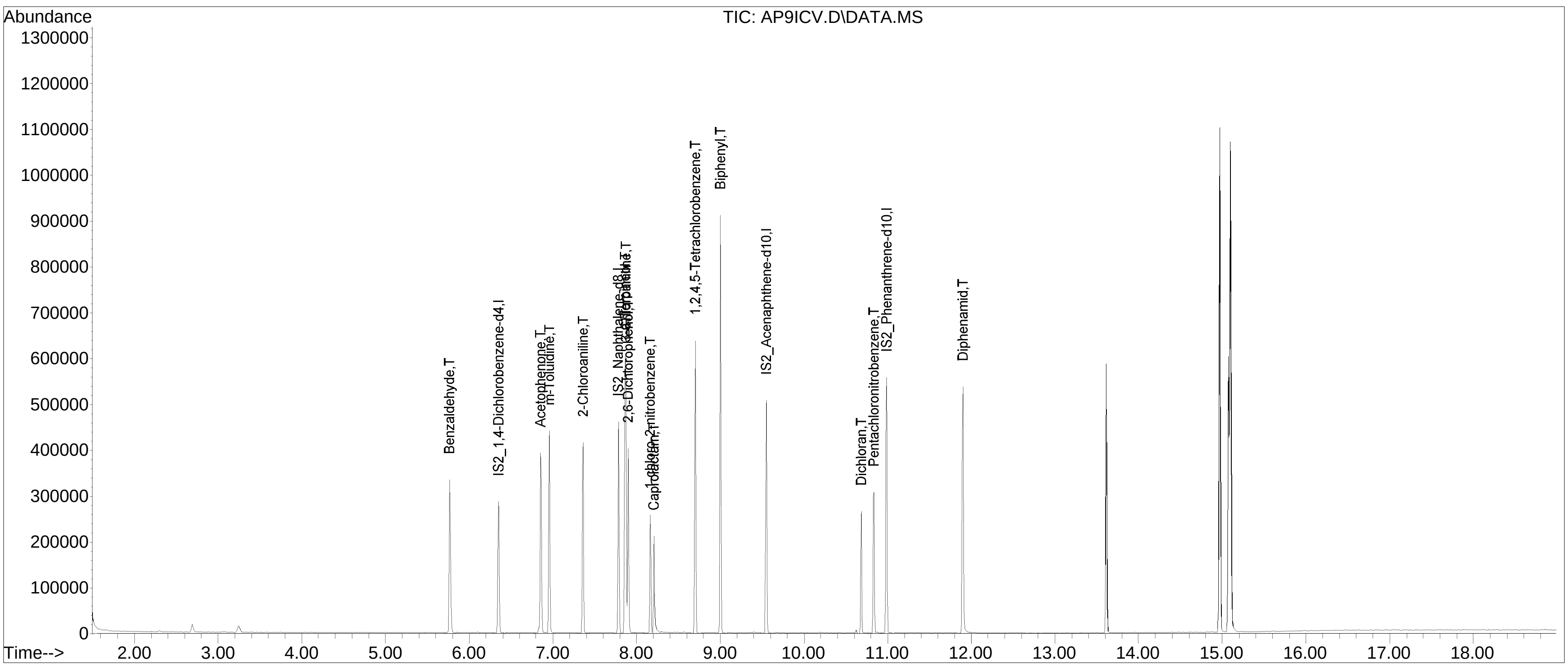
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

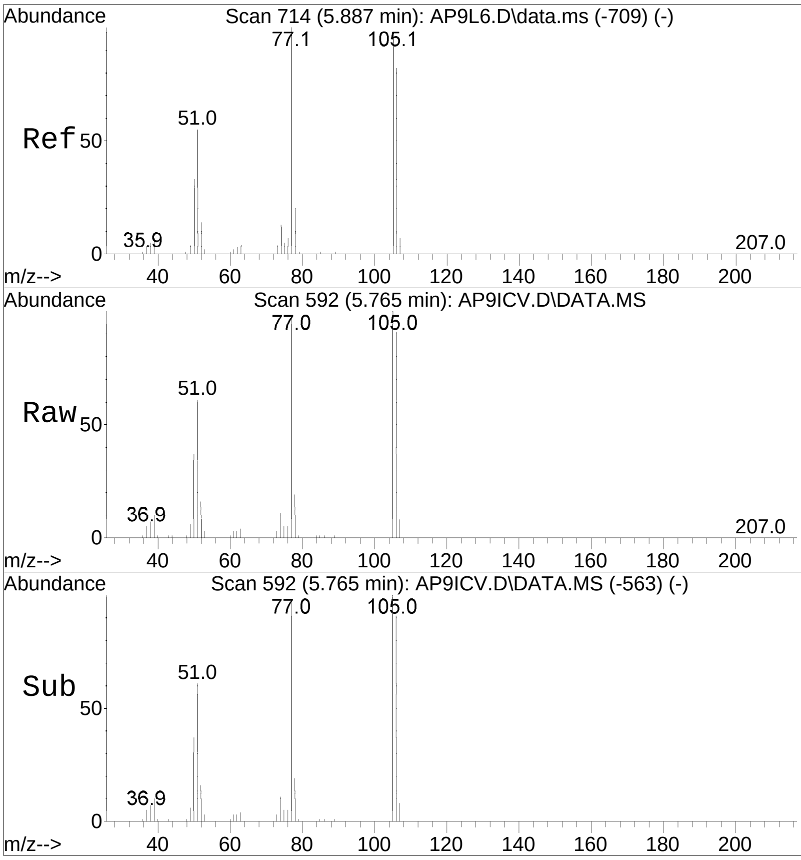
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : AP9ICV.D
Acq On : 12 Mar 2025 6:30 am
Operator : SV106:ljg
Sample : CQICV2,32,,AP9ICV Lot# 11453
Misc : WG2039658,,ical
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 12 12:20:59 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:58 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•

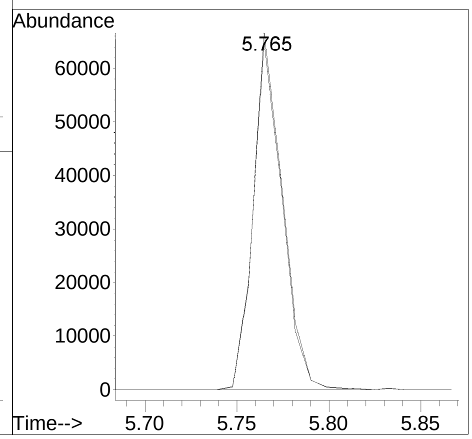


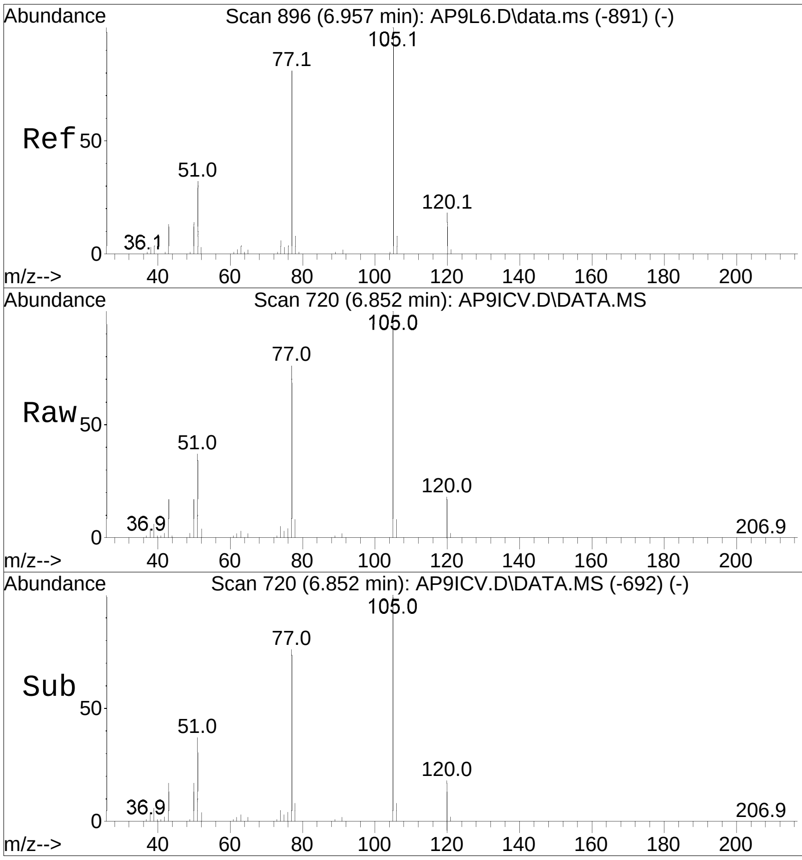


#28
Benzaldehyde
Concen: 6.15 ug/ml
RT: 5.765 min Scan# 592
Delta R.T. 0.001 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:105 Resp: 73385

Ion	Ratio	Lower	Upper
105	100		
77	97.1	82.2	123.4

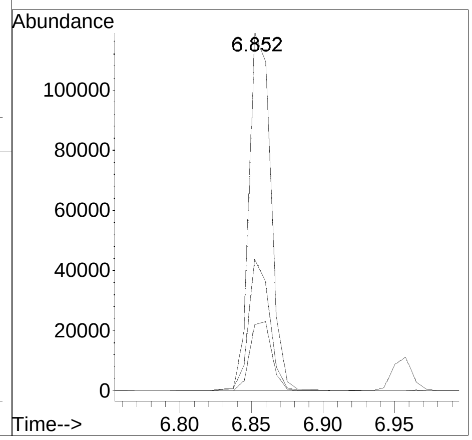


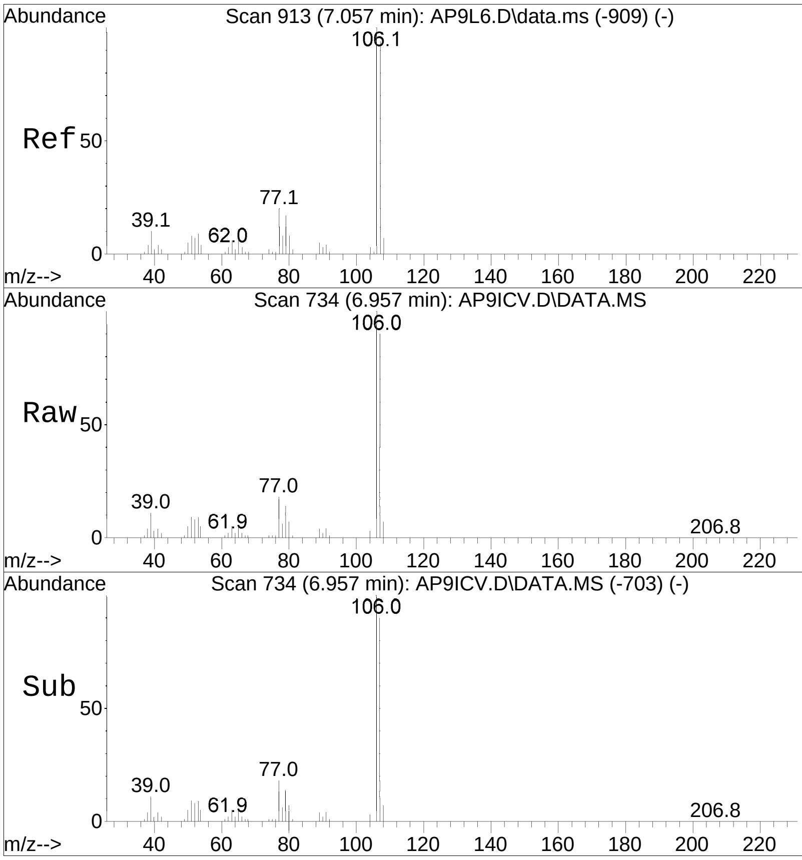


#29
Acetophenone
Concen: 6.08 ug/ml
RT: 6.852 min Scan# 720
Delta R.T. -0.008 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:105 Resp: 125365

Ion	Ratio	Lower	Upper
105	100		
120	19.5	20.5	30.7#
51	36.2	34.9	52.3

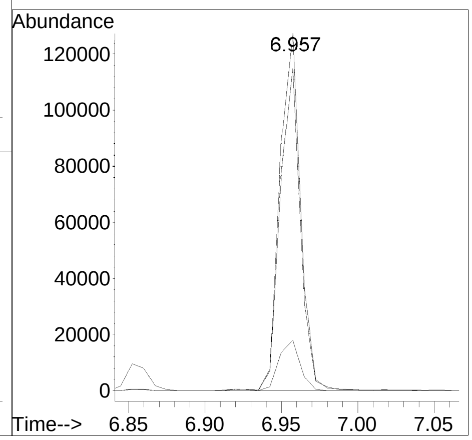


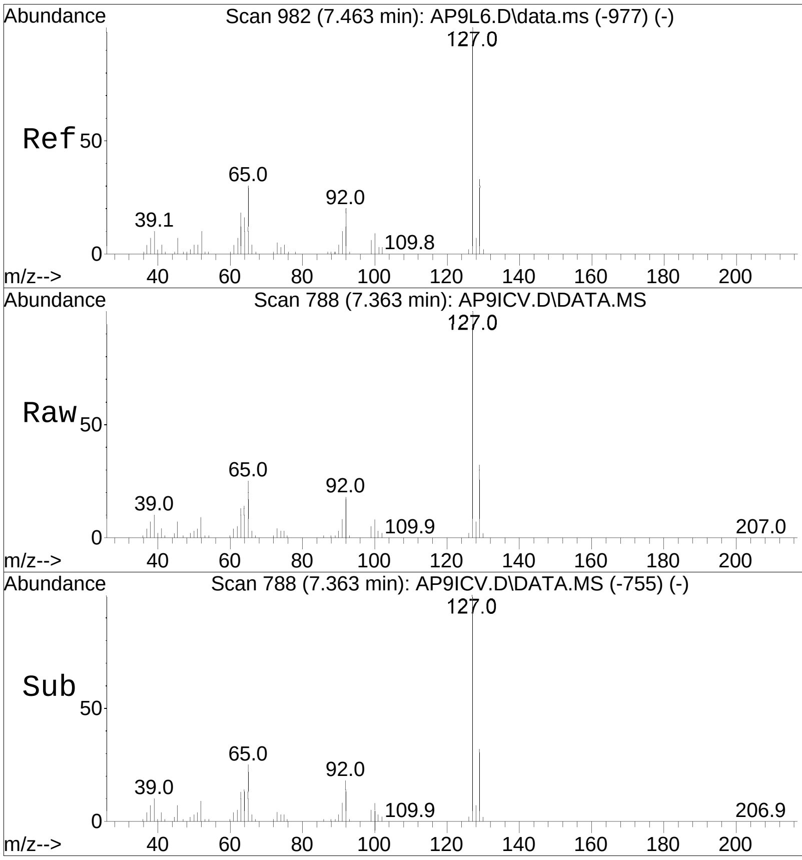


#30
m-Toluidine
Concen: 6.34 ug/ml
RT: 6.957 min Scan# 734
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:106 Resp: 120144

Ion	Ratio	Lower	Upper
106	100		
107	88.8	75.7	113.5
79	14.4	11.8	17.8

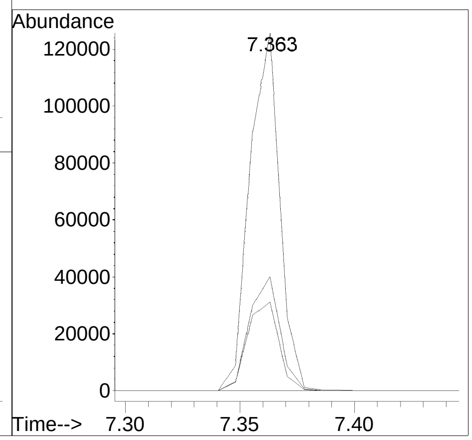


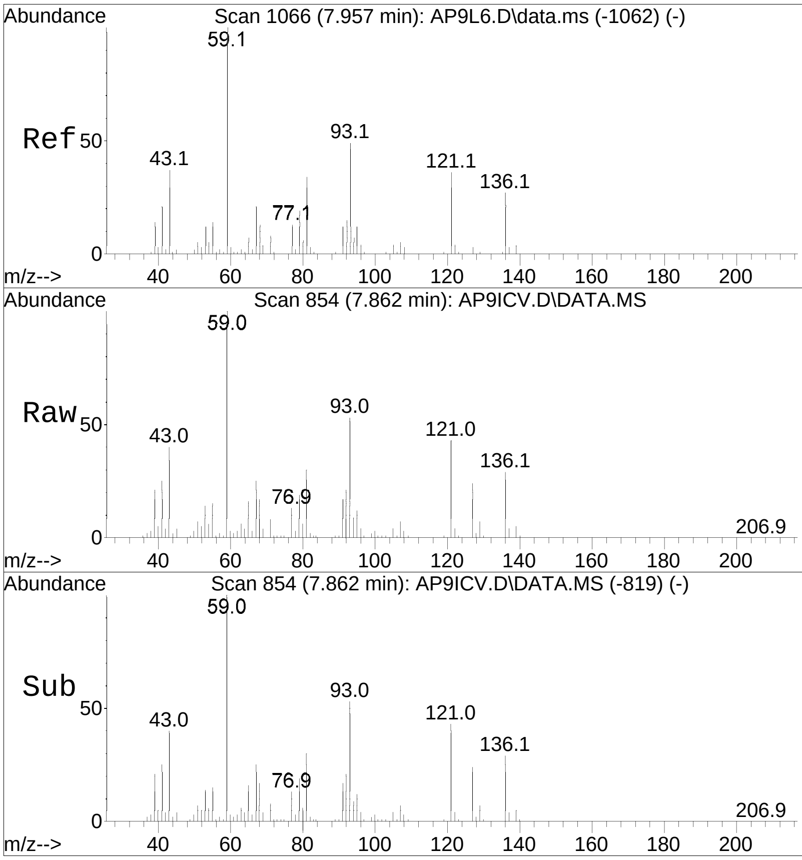


#31
2-Chloroaniline
Concen: 6.12 ug/ml
RT: 7.363 min Scan# 788
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:127 Resp: 113544

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	26.2	26.3	39.5#

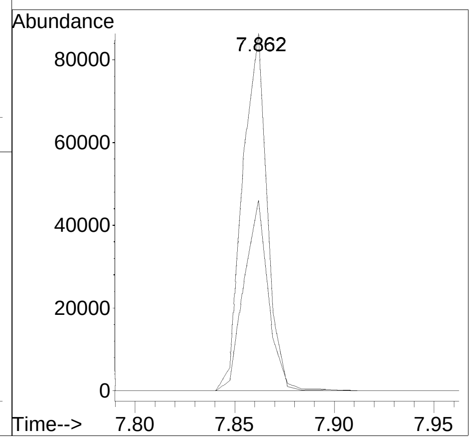


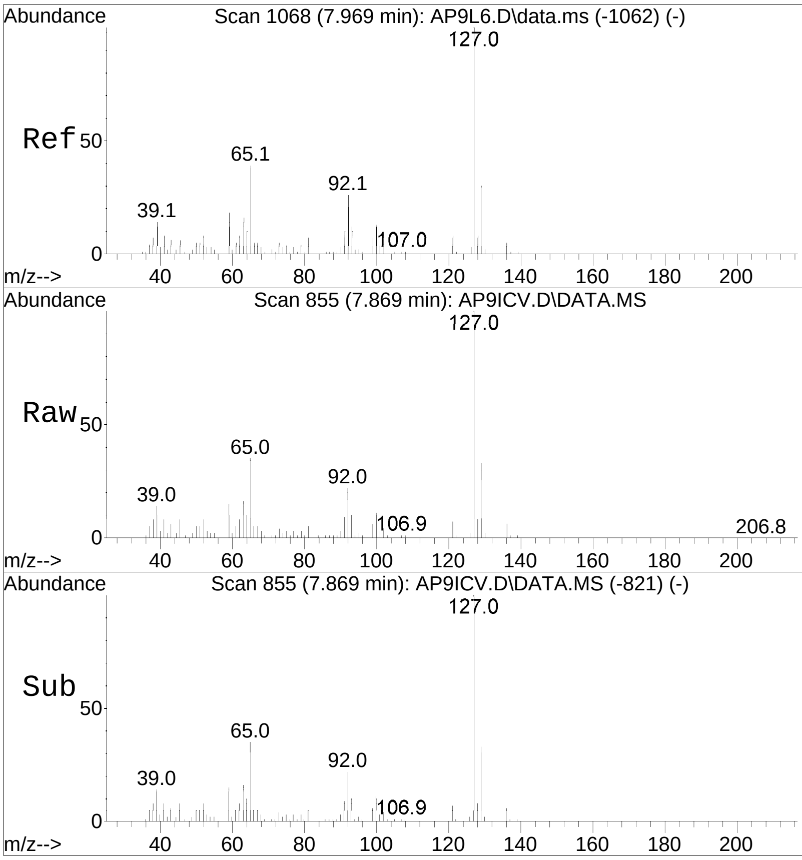


#56
a-Terpineol
Concen: 5.81 ug/ml
RT: 7.862 min Scan# 854
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion: 59 Resp: 73543

Ion	Ratio	Lower	Upper
59	100		
93	53.7	35.6	53.4#

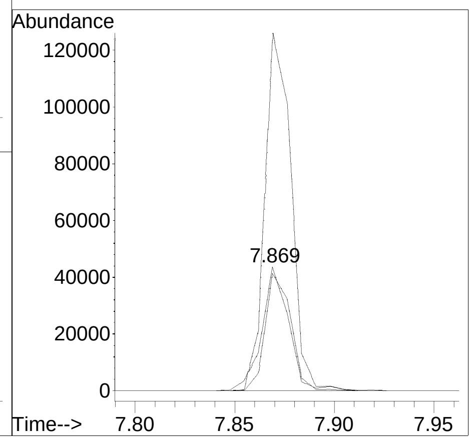


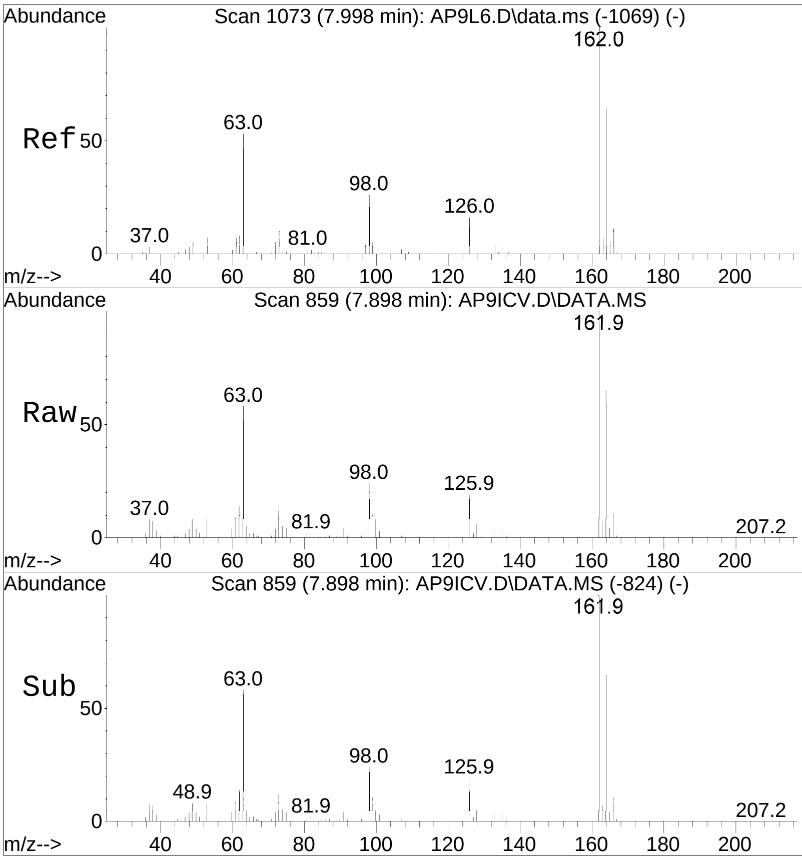


#57
3-Chloroaniline
Concen: 6.36 ug/ml
RT: 7.869 min Scan# 855
Delta R.T. -0.007 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion: 65 Resp: 40890

Ion	Ratio	Lower	Upper
65	100		
127	281.3	243.2	364.8
129	91.0	78.8	118.2

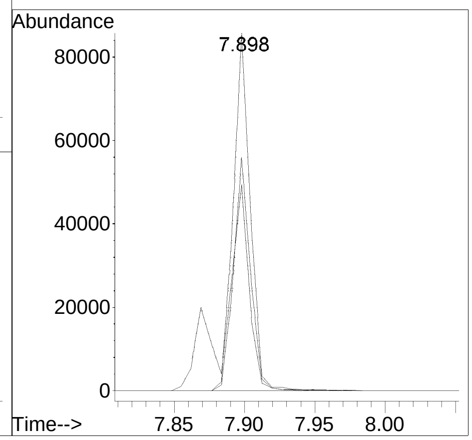


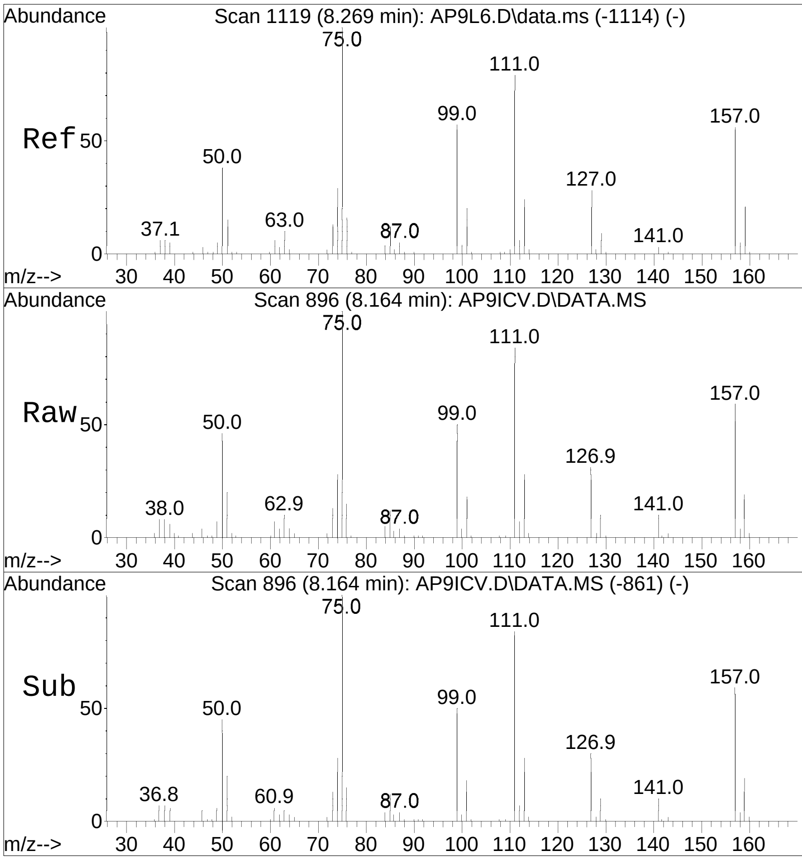


#58
2,6-Dichlorophenol
Concen: 5.79 ug/ml
RT: 7.898 min Scan# 859
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:162 Resp: 72072

Ion	Ratio	Lower	Upper
162	100		
164	64.9	51.1	76.7
63	56.6	60.8	91.2#

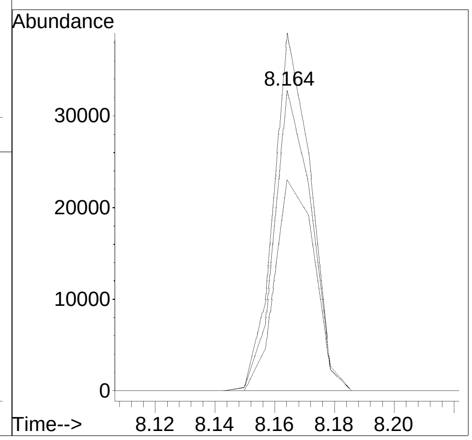


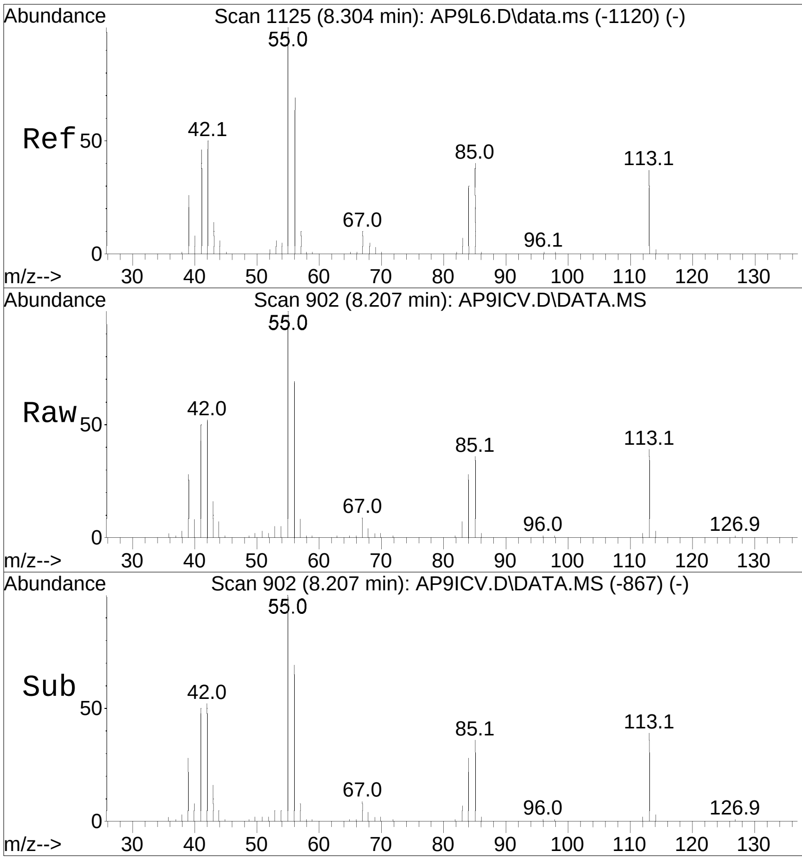


#59
1-chloro-2-nitrobenzene
Concen: 5.69 ug/ml
RT: 8.164 min Scan# 896
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:111 Resp: 28322

Ion	Ratio	Lower	Upper
111	100		
157	75.0	0.0	0.0#
75	118.1	28.2	42.2#

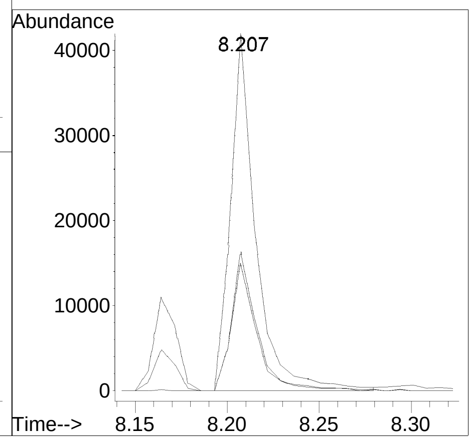


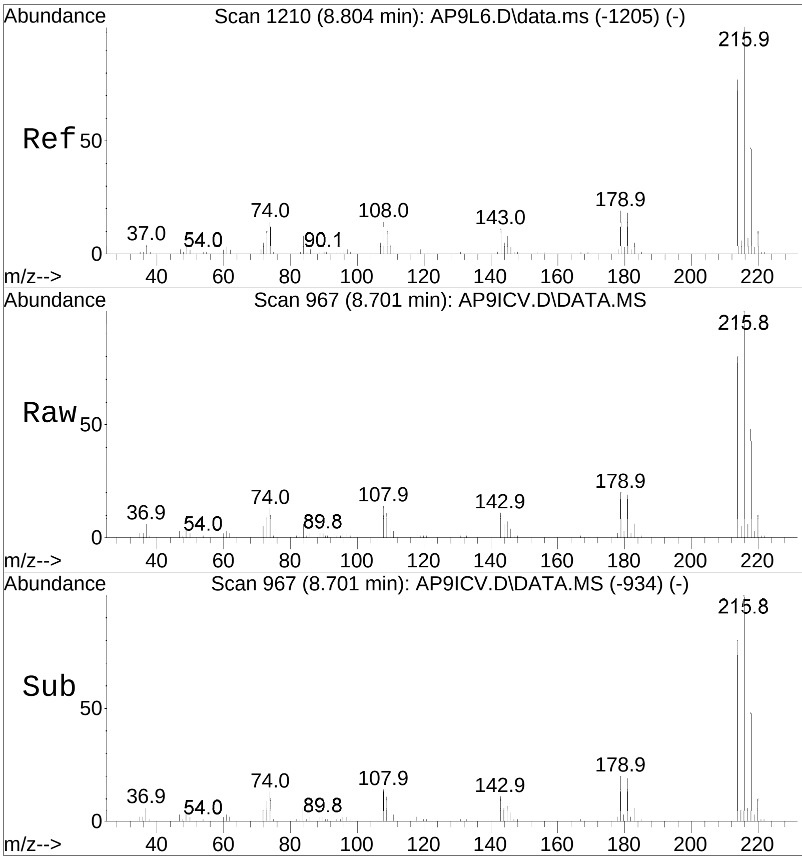


#60
Caprolactam
Concen: 5.26 ug/ml
RT: 8.207 min Scan# 902
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion: 55 Resp: 39903

Ion	Ratio	Lower	Upper
55	100		
85	36.4	19.8	29.6#
113	39.9	29.6	44.4

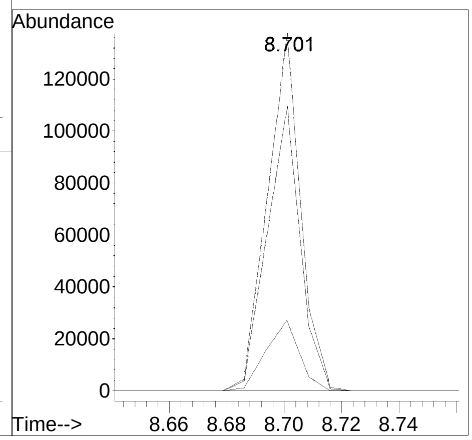


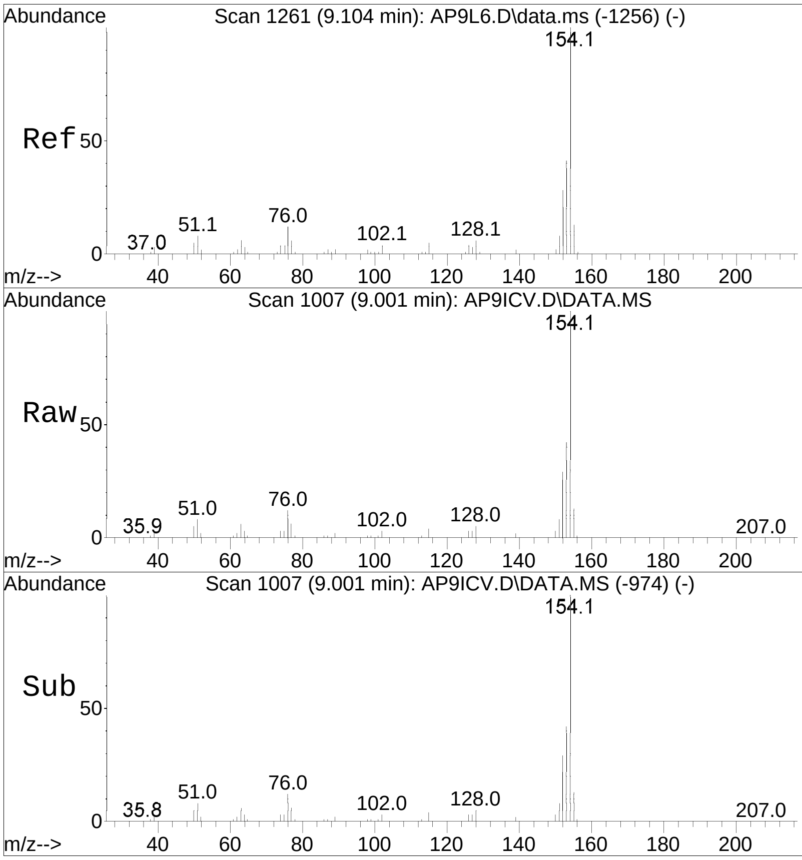


#61
1,2,4,5-Tetrachlorobenzene
Concen: 5.93 ug/ml
RT: 8.701 min Scan# 967
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:216 Resp: 109727

Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.7	95.5
179	20.0	19.0	28.6

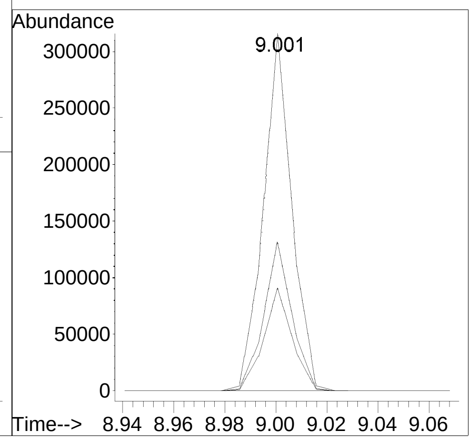


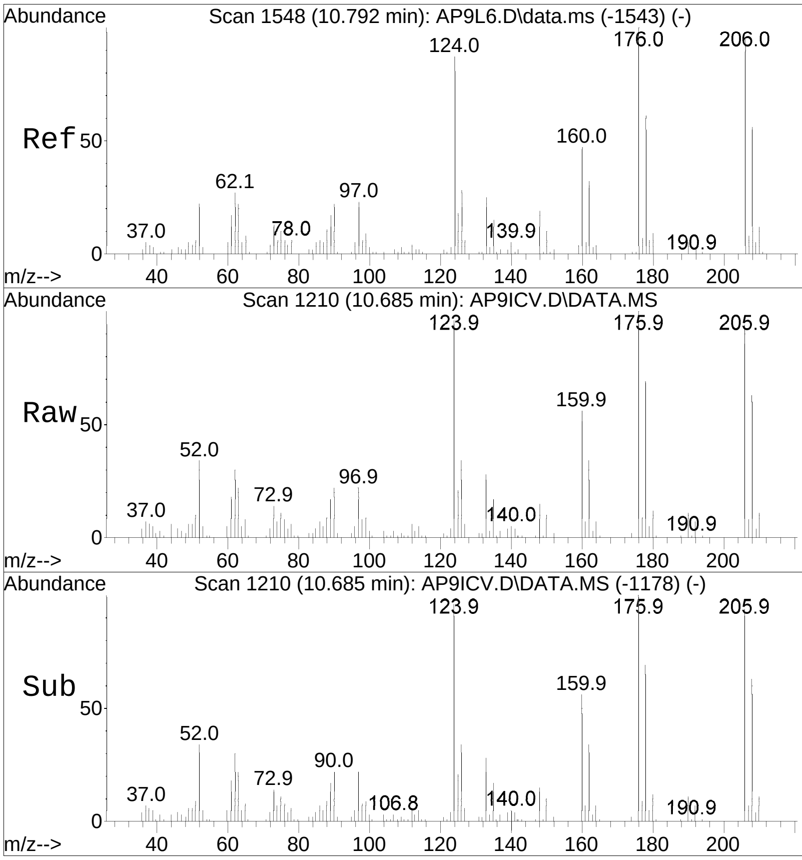


#62
Biphenyl
Concen: 5.95 ug/ml
RT: 9.001 min Scan# 1007
Delta R.T. 0.001 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:154 Resp: 242983

Ion	Ratio	Lower	Upper
154	100		
153	41.5	32.3	48.5
152	29.0	22.5	33.7

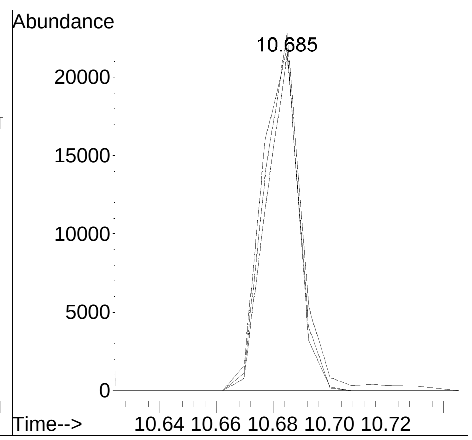


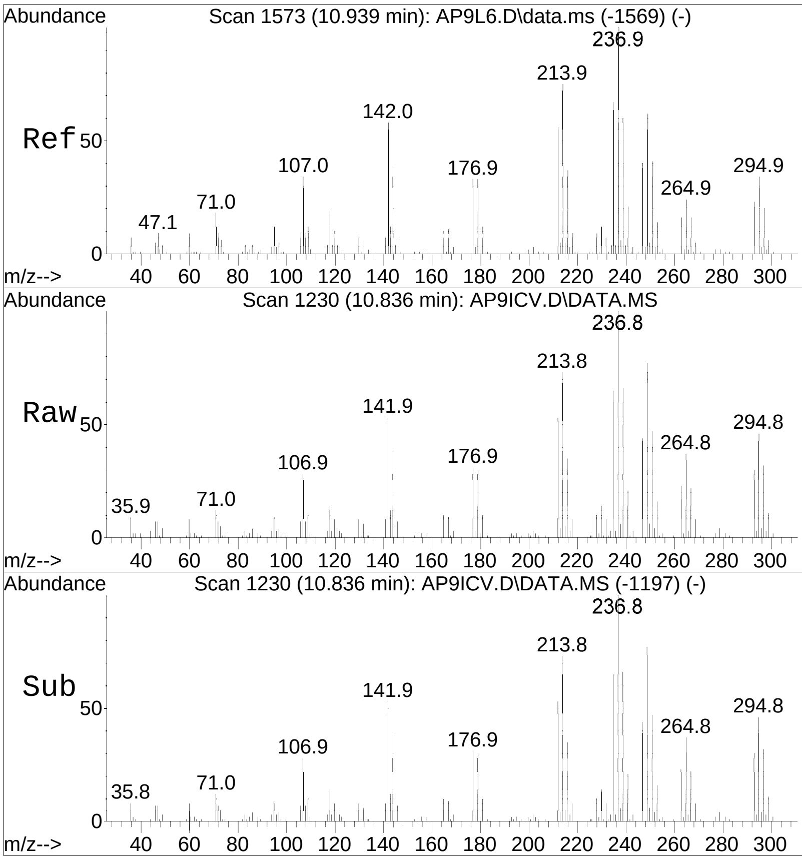


#84
Dichloran
Concen: 5.55 ug/ml
RT: 10.685 min Scan# 1210
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:206 Resp: 17393

Ion	Ratio	Lower	Upper
206	100		
176	118.6	104.6	157.0
124	112.2	130.5	195.7#

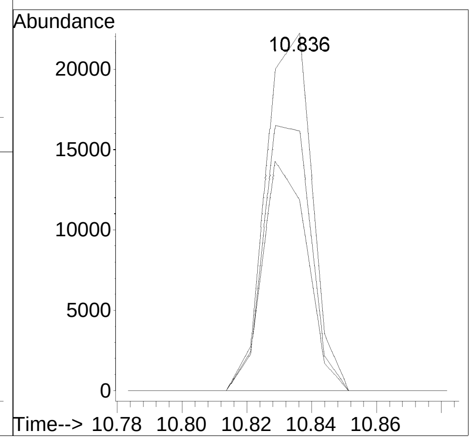


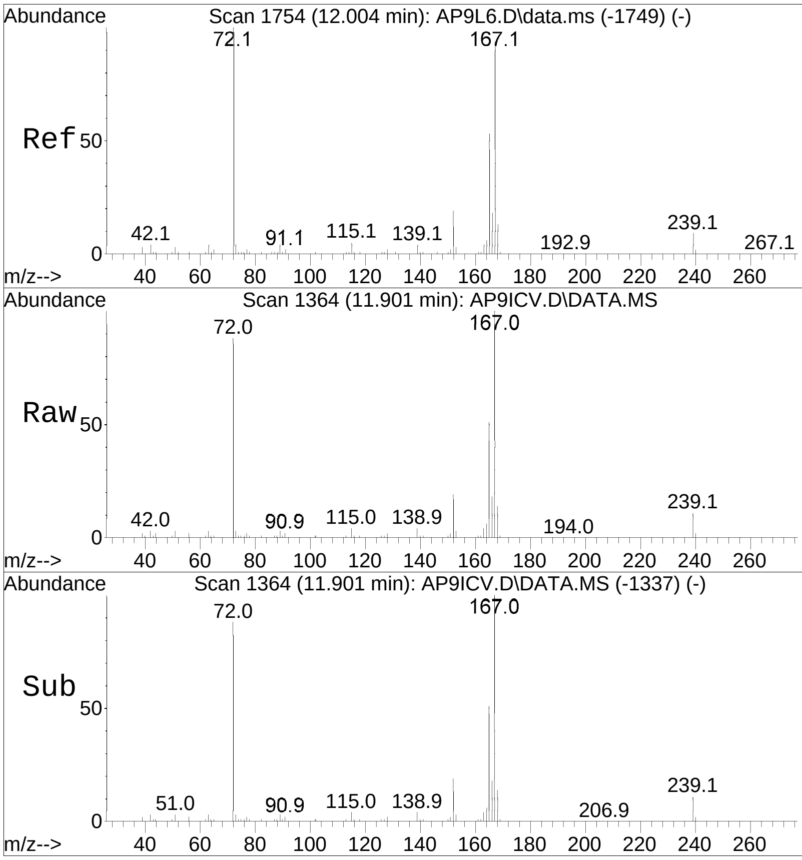


#85
Pentachloronitrobenzene
Concen: 5.61 ug/ml
RT: 10.836 min Scan# 1230
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:237 Resp: 22043

Ion	Ratio	Lower	Upper
237	100		
142	62.4	77.0	115.4#
214	76.4	58.2	87.4

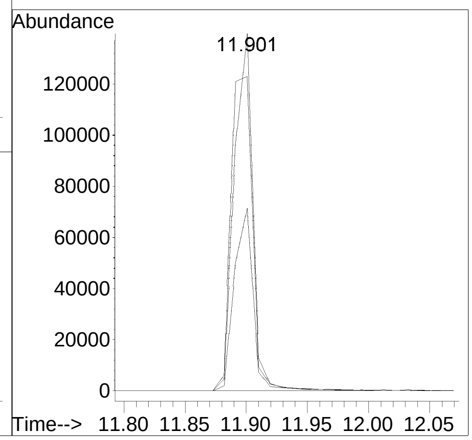




#99
Diphenamid
Concen: 6.39 ug/ml
RT: 11.901 min Scan# 1364
Delta R.T. 0.001 min
Lab File: AP9ICV.D
Acq: 12 Mar 2025 6:30 am

Tgt Ion:167 Resp: 147216

Ion	Ratio	Lower	Upper
167	100		
72	102.5	109.7	164.5#
165	52.9	41.8	62.6



Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : AP9ICV.D                     Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  6:30 am           Instrument  : SV 106
Sample      : CQICV2,32,,AP9ICV Lot# 114Quant Date  : 3/12/2025 12:21 pm
```

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPICV.D
Acq On   : 12 Mar 2025   6:53 am
Operator : SV106:ljg
Sample   : CQICV,32,,ADPICV Lot# 11454
Misc   : WG2039658,,ical
ALS Vial : 36   Sample Multiplier: 1

Quant Time: Mar 12 12:20:50 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:49 2025
Response via : Initial Calibration

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	90	-0.02
33	t	1,4-Dioxane		0.548	0.490	10.6	95	-0.01
34	T	n-Decane		1.700	1.734	-2.0	100	-0.02
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	91	-0.02
87	T	Atrazine		0.366	0.339	7.4	92	-0.02
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	92	-0.02
101	T	n-Octadecane		0.458	0.469	-2.4	98	-0.02
102	T	Parathion	*	5.000	4.964	0.7	90	-0.02
103	T	3,3'-Dimethylbenzidine	*	5.000	4.470	10.6	94	-0.03

* Evaluation of CC level amount vs concentration.
(#) = Out of Range   SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPICV.D
Acq On    : 12 Mar 2025   6:53 am
Operator  : SV106:ljg
Sample    : CQICV,32,,ADPICV Lot# 11454
Misc      : WG2039658,,ical
ALS Vial  : 36   Sample Multiplier: 1

Quant Time: Mar 12 12:20:50 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250311RVTical\ABNL6.D
             : 2 - I:\8270\SV106\250311RVTical\ADPL6.D
             : 3 - I:\8270\SV106\250311RVTical\AP9L6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...    6.351  152     52682     4.000 ug/ml   -0.02
    Standard Area 2 = 58261                 Recovery   =   90.42%
 86) IS3_Acenaphthene-d10         9.550  164    115579     4.000 ug/ml   -0.02
    Standard Area 2 = 127382                 Recovery   =   90.73%
100) IS3_Phenanthrene-d10        10.988  188    244485     4.000 ug/ml  #-0.02
    Standard Area 2 = 266366                 Recovery   =   91.79%

 System Monitoring Compounds

 Target Compounds                                                  Qvalue
 33) 1,4-Dioxane                  1.746   88     32235      4.467 ug/ml#    62
 34) n-Decane                     6.249   57    114193      5.101 ug/ml#    37
 87) Atrazine                    10.760  200     48983      4.638 ug/ml     96
101) n-Octadecane                10.972   57    143247      5.118 ug/ml#     1
102) Parathion                   11.778  109     17069      4.964 ug/ml#    92
103) 3,3'-Dimethylbenzidine      13.054  212    187467      4.470 ug/ml    100
 ---------------------------------------------------------------------------

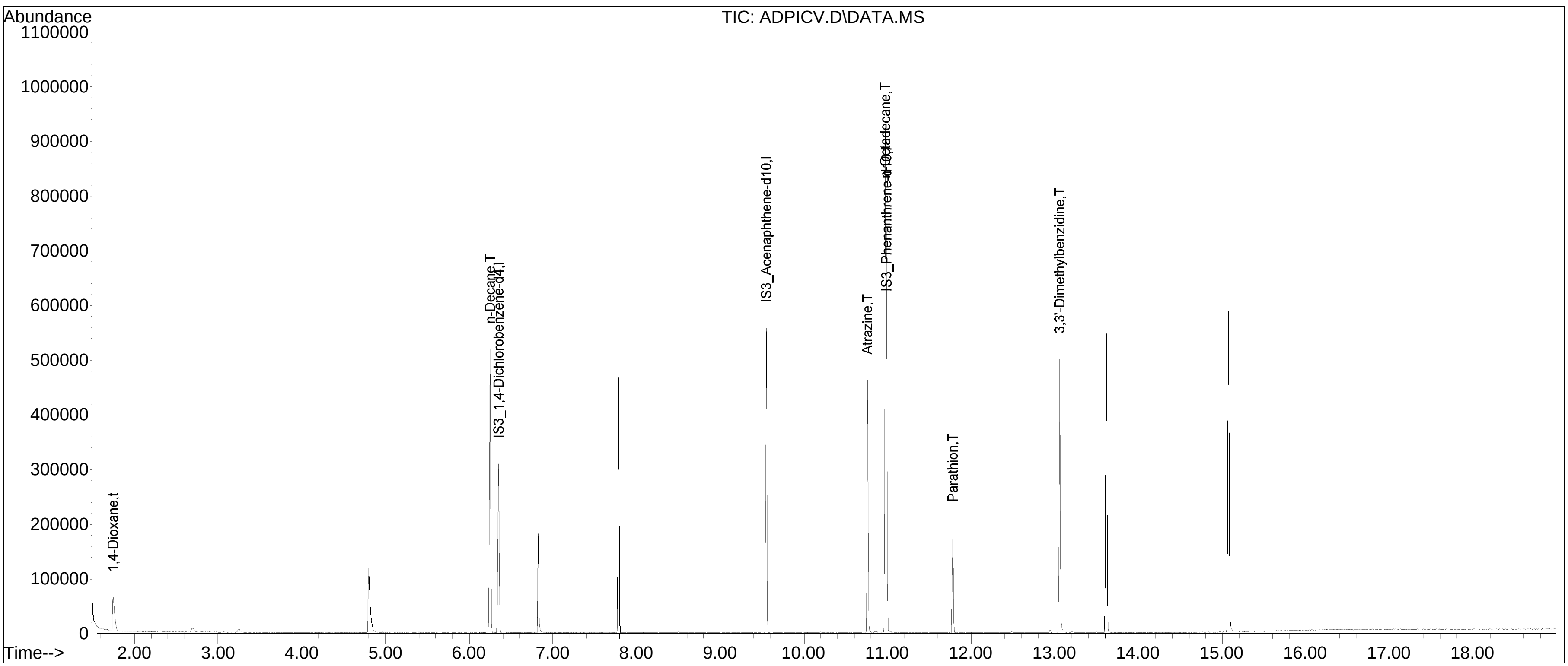
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

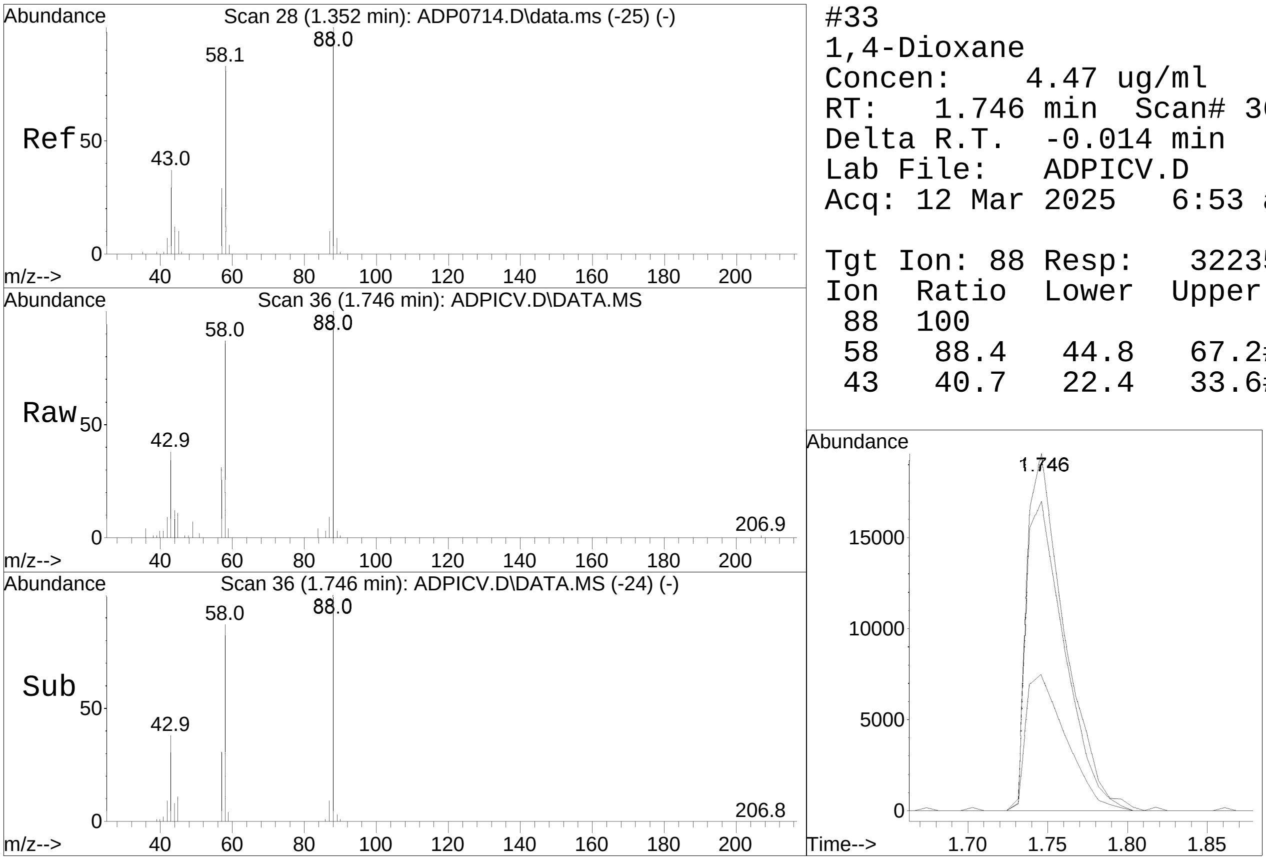
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV106\250311RVTical\
Data File : ADPICV.D
Acq On   : 12 Mar 2025   6:53 am
Operator : SV106:ljg
Sample   : CQICV,32,,ADPICV Lot# 11454
Misc   : WG2039658,,ical
ALS Vial : 36   Sample Multiplier: 1

Quant Time: Mar 12 12:20:50 2025
Quant Method : I:\8270\SV106\250311RVTical\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 12:21:49 2025
Response via : Initial Calibration

Sub List   : ADPical_REV2 - ADP sublistTical\AP9L6.D•

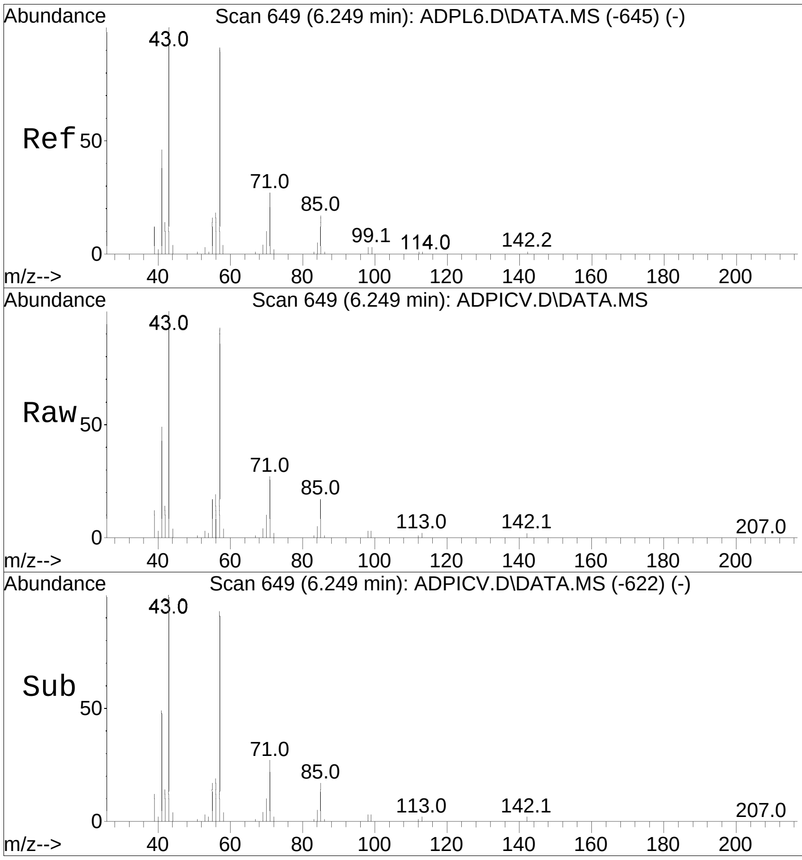




#33
1,4-Dioxane
Concen: 4.47 ug/ml
RT: 1.746 min Scan# 36
Delta R.T. -0.014 min
Lab File: ADPICV.D
Acq: 12 Mar 2025 6:53 am

Tgt Ion: 88 Resp: 32235

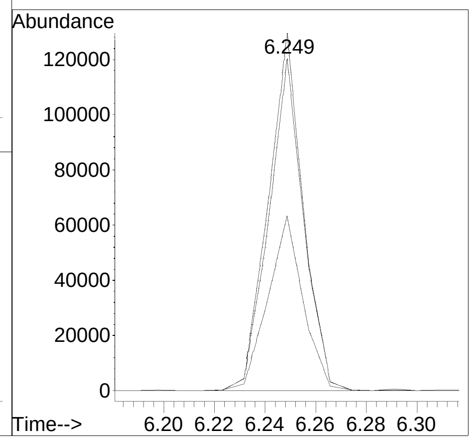
Ion	Ratio	Lower	Upper
88	100		
58	88.4	44.8	67.2#
43	40.7	22.4	33.6#

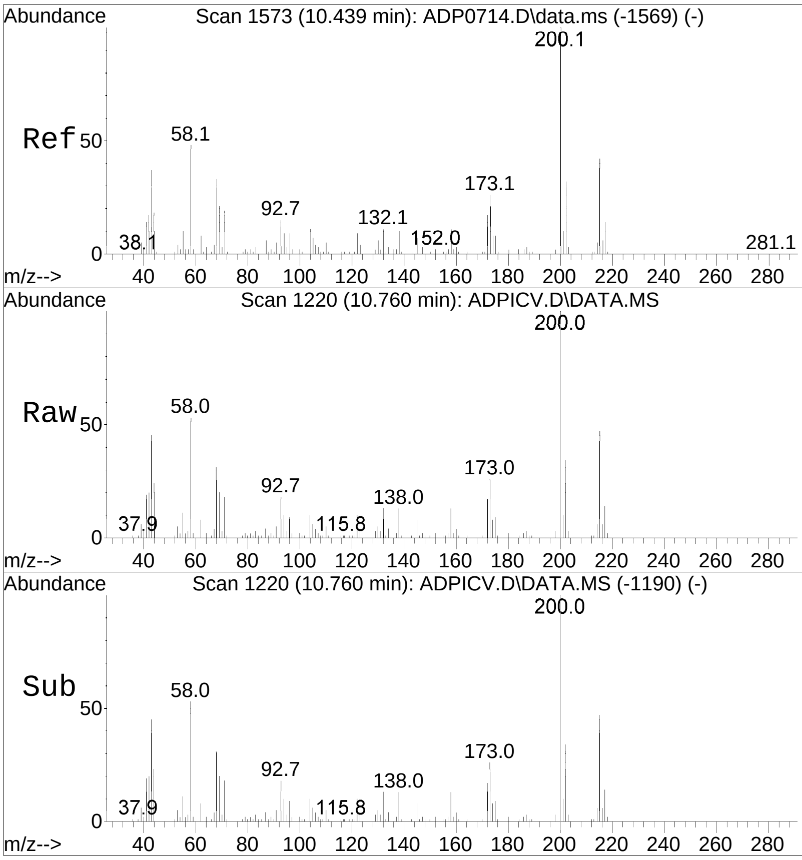


#34
n-Decane
Concen: 5.10 ug/ml
RT: 6.249 min Scan# 649
Delta R.T. -0.023 min
Lab File: ADPICV.D
Acq: 12 Mar 2025 6:53 am

Tgt Ion: 57 Resp: 114193

Ion	Ratio	Lower	Upper
57	100		
43	108.0	0.2	0.2#
41	53.4	0.2	0.2#

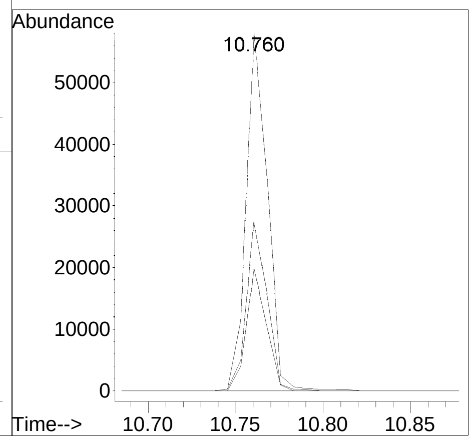


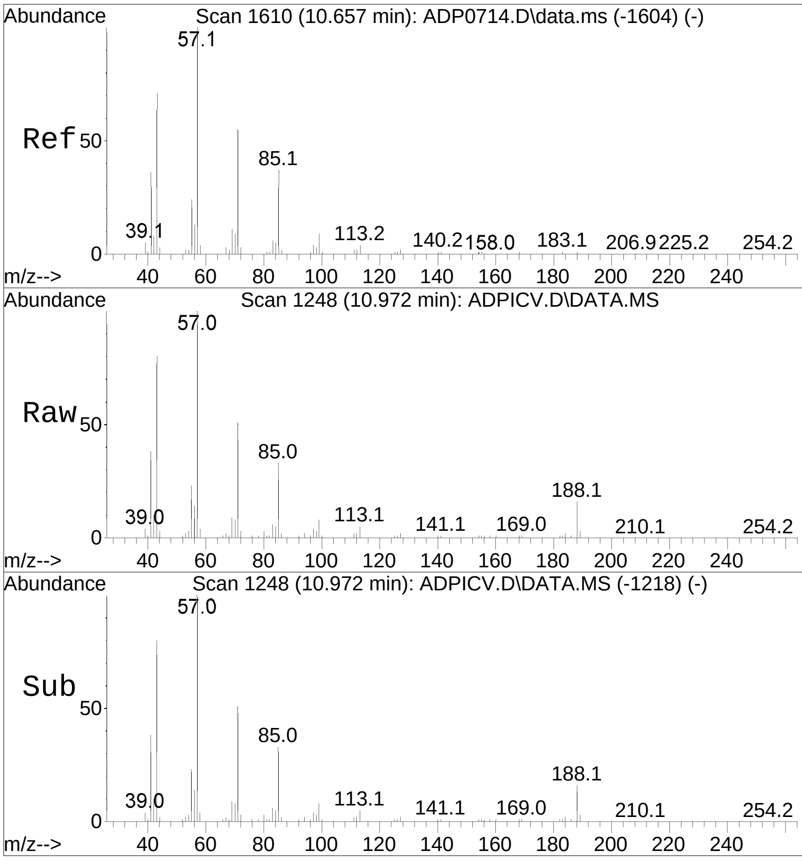


#87
Atrazine
Concen: 4.64 ug/ml
RT: 10.760 min Scan# 1220
Delta R.T. -0.023 min
Lab File: ADPICV.D
Acq: 12 Mar 2025 6:53 am

Tgt Ion:200 Resp: 48983

Ion	Ratio	Lower	Upper
200	100		
202	32.4	25.8	38.6
215	45.9	40.2	60.4

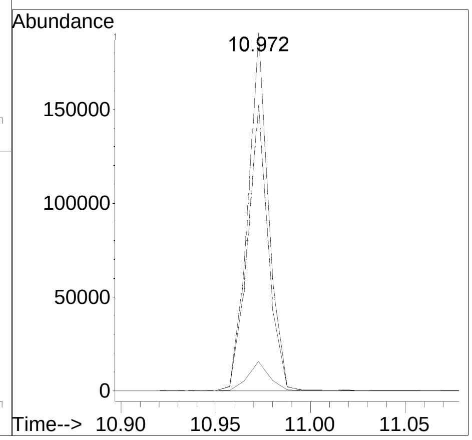


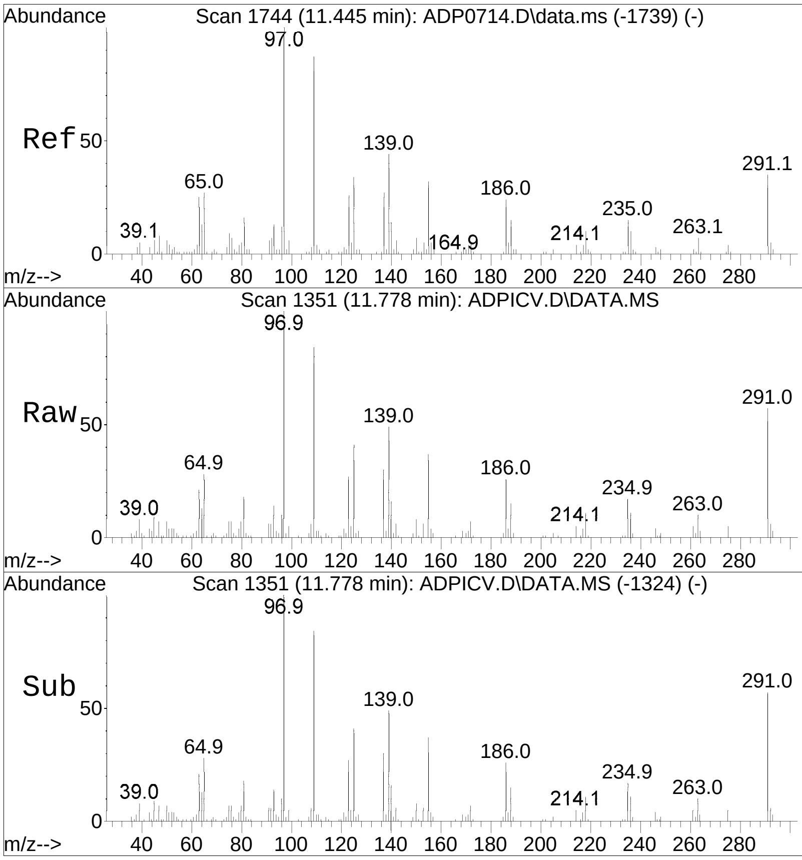


#101
n-Octadecane
Concen: 5.12 ug/ml
RT: 10.972 min Scan# 1248
Delta R.T. -0.023 min
Lab File: ADPICV.D
Acq: 12 Mar 2025 6:53 am

Tgt Ion: 57 Resp: 143247

Ion	Ratio	Lower	Upper
57	100		
43	81.2	9.0	13.6#
70	8.5	0.2	0.2#

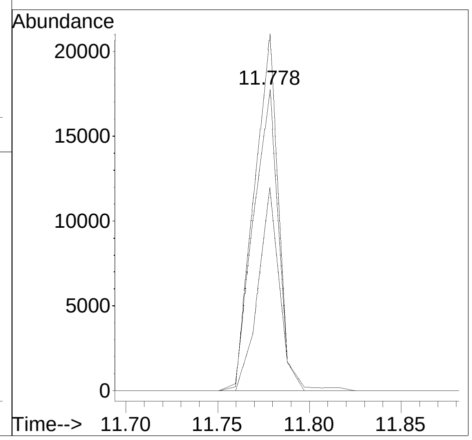


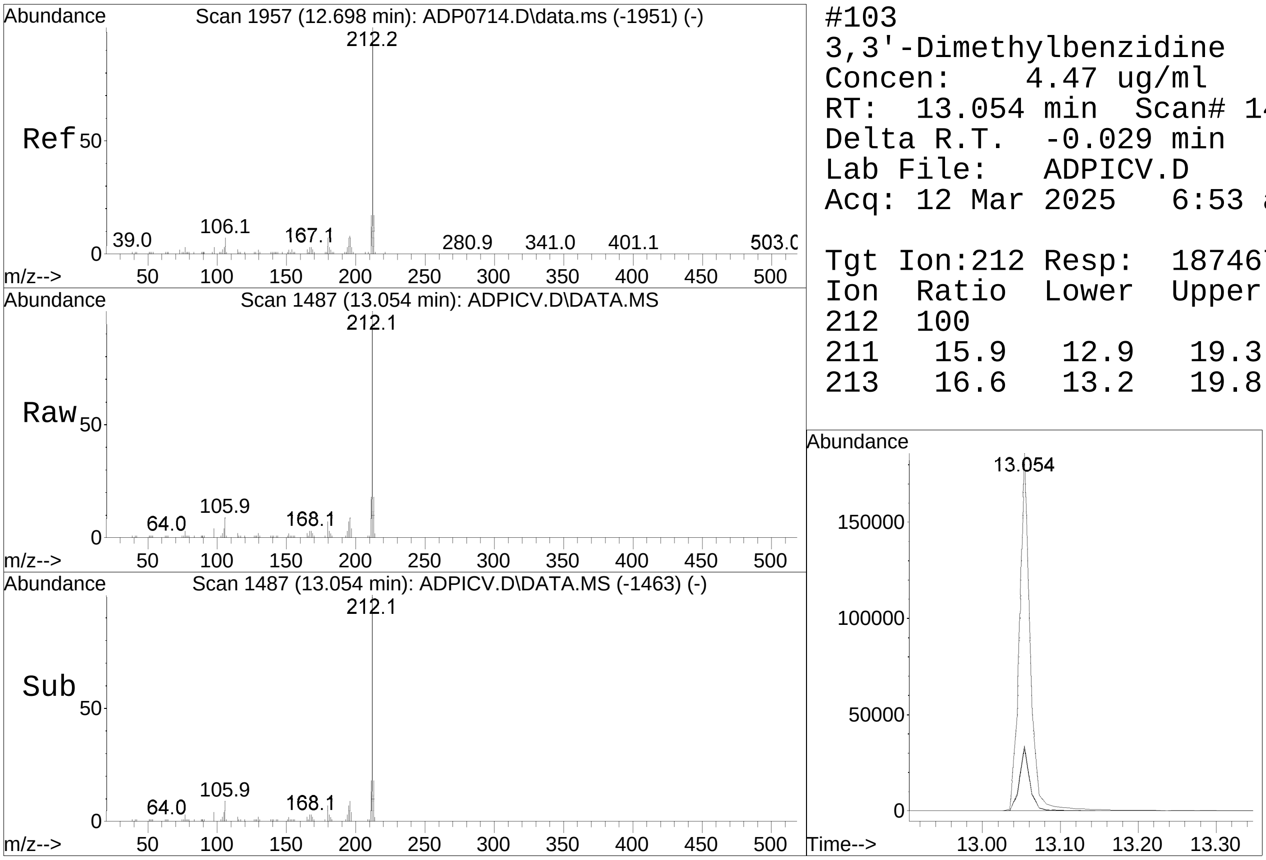


#102
Parathion
Concen: 4.96 ug/ml
RT: 11.778 min Scan# 1351
Delta R.T. -0.023 min
Lab File: ADPICV.D
Acq: 12 Mar 2025 6:53 am

Tgt Ion:109 Resp: 17069

Ion	Ratio	Lower	Upper
109	100		
97	111.7	87.4	131.2
291	56.2	34.2	51.2#





#103
3,3'-Dimethylbenzidine
Concen: 4.47 ug/ml
RT: 13.054 min Scan# 1487
Delta R.T. -0.029 min
Lab File: ADPICV.D
Acq: 12 Mar 2025 6:53 am

Tgt Ion:212 Resp: 187467

Ion	Ratio	Lower	Upper
212	100		
211	15.9	12.9	19.3
213	16.6	13.2	19.8

Manual Integration Report

```
Data Path   : I:\8270\SV106\250311RVTicaQMethod     : FS250311SV106.m
Data File   : ADPICV.D                  Operator    : SV106:ljg
Date Inj'd  : 3/12/2025  6:53 am        Instrument  : SV 106
Sample      : CQICV,32,,ADPICV Lot# 1145Quant Date  : 3/12/2025 12:21 pm
```

There are no manual integrations or false positives in this file.

Method Path : I:\8270\SV106\250311RVTical\
Method File : FS250311SV106.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Mar 12 12:21:00 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
37 T	Benzoic Acid	Q	ug/ml	5.0	3.802	-24.0	0.50	0.700	40.0
49 T	1,4-Dinitrobenzene	Q	ug/ml	5.0	4.814	-3.7	0.20	0.128	-36.0
66 T	2,4-Dinitrophenol	Q	ug/ml	5.0	4.507	-9.9	0.10	0.139	39.0
68 T	2,4-Dinitrotoluene	Q	ug/ml	5.0	4.773	-4.5	0.10	0.134	34.0
76 T	4,6-Dinitro-o-cresol	L	ug/ml	5.0	4.279	-14.4	0.50	0.727	45.4
84 T	Dichloran	L	ug/ml	5.0	4.973	-0.5	2.50	3.122	24.9
97 T	Butyl benzyl phthalate	L	ug/ml	5.0	4.363	-12.7	0.50	0.710	42.0
102 T	Parathion	Q	ug/ml	5.0	5.062	1.2	0.50	0.495	-1.0
103 T	3,3'-Dimethylbenzidine	L	ug/ml	5.0	4.389	-12.2	2.50	2.654	6.2
108 T	Bis(2-ethylhexyl)phthalate	L	ug/ml	5.0	4.518	-9.6	0.20	0.289	44.5
109 T	Di-n-octylphthalate	L	ug/ml	5.0	4.299	-14.0	0.50	0.725	45.0

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
37 T	Benzoic Acid	Quadratic	0.997895	0.017298	0.118996	-0.00334956
49 T	1,4-Dinitrobenzene	Quadratic	0.999966	0.007385	0.00642516	0.000488527
66 T	2,4-Dinitrophenol	Quadratic	0.995642	0.003294	0.128885	-0.00332982
68 T	2,4-Dinitrotoluene	Quadratic	0.997850	0.012914	0.33636	-0.00539953
76 T	4,6-Dinitro-o-cresol	Linear	0.992945	0.000000	0.227666	-0.0237378
84 T	Dichloran	Linear	0.998600	0.000000	0.173737	-0.0816857
97 T	Butyl benzyl phthalate	Linear	0.994123	0.000000	0.552985	-0.0530676
102 T	Parathion	Quadratic	0.999965	0.010433	0.0408483	0.00305091
103 T	3,3'-Dimethylbenzidine	Linear	0.994476	0.000000	1.01936	-0.372446
108 T	Bis(2-ethylhexyl)phthalate	Linear	0.996118	0.000000	0.750968	-0.0325275
109 T	Di-n-octylphthalate	Linear	0.993052	0.000000	1.34507	-0.145299

Response Factor Report SV112

Method Path : I:\8270\SV112\250313RVTical\
Method File : FS250313SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Mar 14 09:19:55 2025
Response Via : Initial Calibration

Calibration Files
L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D
L8 =ADPL8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------------ISTD---------------------										
2)	T	N-Nitrosodimethylamine	0.535	0.614	0.762	0.713	0.686	0.712	0.727	0.770	0.740	0.695	10.93
3)	T	Pyridine	1.038	1.037	1.310	1.193	1.222	1.208	1.276	1.365	1.287	1.215	9.39
4)	S	2-Fluorophenol	0.976	1.077	1.135	1.126	0.986	1.083	1.091	1.158	1.111	1.083	5.85
5)	T	Aniline	1.376	1.481	1.845	1.889	1.630	1.871	1.879	2.011	1.951	1.770	12.48
6)	T	2-Chlorophenol	1.525	1.102	1.271	1.284	1.087	1.218	1.215	1.282	1.243	1.247	10.19
7)	S	Phenol-d6	1.430	1.179	1.339	1.333	1.189	1.343	1.367	1.499	1.476	1.350	8.29
8)	T	Phenol	1.619	1.408	1.621	1.678	1.414	1.585	1.602	1.721	1.679	1.592	6.99
9)	T	bis(2-Chloroethyl)ether	1.187	1.178	1.245	1.142	1.048	1.157	1.121	1.168	1.125	1.152	4.70
10)	T	1,3-Dichlorobenzene	1.525	1.504	1.644	1.539	1.344	1.413	1.421	1.454	1.410	1.473	6.10
11)	T	1,4-Dichlorobenzene	1.746	1.584	1.654	1.558	1.339	1.471	1.447	1.487	1.438	1.525	8.11
12)	T	1,2-Dichlorobenzene	1.637	1.570	1.566	1.543	1.306	1.386	1.366	1.412	1.378	1.463	7.95
13)	T	Benzyl alcohol	0.974	0.960	0.911	0.919	0.865	0.956	0.974	1.101	1.090	0.972	8.04
14)	T	bis(2-chloroisopropyl)ether	1.816	1.818	1.745	1.698	1.450	1.613	1.621	1.706	1.595	1.674	7.02
15)	T	2-Methylphenol	1.084	1.018	1.015	1.044	0.921	1.059	1.059	1.162	1.135	1.055	6.68
16)	T	Hexachloroethane	0.689	0.479	0.577	0.581	0.500	0.536	0.544	0.577	0.565	0.561	10.69
17)	T	n-Nitrosodi-n-propylamine	1.000	0.846	0.891	0.874	0.776	0.894	0.891	0.992	0.976	0.904	8.12
18)	T	3-Methylphenol/4-Methylphenol	1.386	0.973	1.242	1.141	1.017	1.124	1.147	1.247	1.244	1.169	10.86
19)	S	Nitrobenzene-d5	1.244	1.198	1.282	1.258	1.131	1.279	1.297	1.410	1.379	1.275	6.66
20)	T	Nitrobenzene	1.295	1.159	1.366	1.305	1.176	1.292	1.315	1.421	1.387	1.302	6.77
21)	T	Isophorone	2.484	2.134	2.414	2.339	2.165	2.406	2.456	2.686	2.560	2.405	7.31
22)	T	2-Nitrophenol	0.571	0.409	0.590	0.549	0.547	0.608	0.638	0.718	0.710	0.593	15.76
23)	T	2,4-Dimethylphenol	1.318	1.067	1.189	1.188	1.116	1.237	1.278	1.379	1.364	1.237	8.70
24)	T	bis(2-Chloroethoxy)methane	1.994	1.514	1.623	1.576	1.424	1.532	1.574	1.693	1.614	1.616	9.94
25)	T	2,4-Dichlorophenol	0.989	1.004	1.120	1.119	1.041	1.148	1.190	1.313	1.289	1.135	10.18
26)	T	1,2,4-Trichlorobenzene	1.571	1.440	1.528	1.464	1.308	1.362	1.369	1.480	1.433	1.440	5.80
27)	I	IS2_1,4-Dichlorobenzene-d4	----------------ISTD---------------------										
28)	T	Benzaldehyde	0.702	0.840	1.112	0.972	0.900	0.965	0.964	1.111	1.017	0.954	13.55
29)	T	Acetophenone	1.850	1.531	1.906	1.714	1.495	1.668	1.676	1.958	1.784	1.731	9.18
30)	T	m-Toluidine			1.279	1.380	1.398	1.594	1.634	1.913	1.737	1.562	14.33
31)	T	2-Chloroaniline	1.451	1.287	1.642	1.525	1.371	1.509	1.476	1.745	1.579	1.509	9.11
32)	I	IS3_1,4-Dichlorobenzene-d4	----------------ISTD---------------------										
33)	T	1,4-Dioxane		0.440	0.538	0.514	0.451	0.433	0.453	0.544	0.478	0.481	9.28
34)	T	n-Decane	1.334	1.269	1.474	1.367	1.150	1.224	1.260	1.538	1.339	1.328	9.13
35)	I	IS1_Naphthalene-d8	----------------ISTD---------------------										
36)	T	Naphthalene	1.207	1.055	1.151	1.054	0.928	0.988	0.988	0.967	0.889	1.025	10.04
37)	T	Benzoic Acid			0.068	0.110	0.139	0.192	0.214	0.265	0.268	*L	0.9928
38)	T	4-Chloroaniline	0.118	0.109	0.138	0.134	0.120	0.131	0.128	0.138	0.135	0.128	8.03
39)	T	Hexachlorobutadiene	0.328	0.256	0.291	0.258	0.233	0.249	0.244	0.249	0.244	0.261	11.39
40)	T	p-Chloro-m-cresol	0.269	0.262	0.302	0.267	0.258	0.287	0.301	0.322	0.314	0.287	8.37
41)	T	2-Methylnaphthalene	0.754	0.642	0.688	0.622	0.563	0.615	0.614	0.643	0.605	0.638	8.61
42)	T	1-Methylnaphthalene	0.277	0.238	0.269	0.229	0.214	0.237	0.238	0.249	0.243	0.244	7.94
43)	T	Hexachlorocyclopentadiene	0.345	0.296	0.330	0.302	0.277	0.311	0.313	0.334	0.325	0.315	6.78
44)	T	2,4,6-Trichlorophenol	0.315	0.247	0.280	0.235	0.228	0.265	0.267	0.300	0.292	0.270	10.96
45)	T	2,4,5-Trichlorophenol	0.258	0.220	0.267	0.272	0.250	0.282	0.300	0.304	0.301	0.273	10.23

Response Factor Report SV112

Method Path : I:\8270\SV112\250313RVTical\
Method File : FS250313SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Mar 14 09:19:55 2025
Response Via : Initial Calibration

Calibration Files
L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D
L8 =ADPL8.D L9 =ADPL9.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
46) S	2-Fluorobiphenyl	1.060	0.979	1.022	0.911	0.822	0.881	0.881	0.877	0.812	0.916	9.43
47) T	2-Chloronaphthalene	0.875	0.698	0.825	0.750	0.681	0.730	0.721	0.745	0.705	0.748	8.45
48) T	2-Nitroaniline	0.158	0.156	0.193	0.192	0.188	0.208	0.227	0.250	0.244	0.202	16.80
49) T	1,4-Dinitrobenzene	0.132	0.093	0.109	0.090	0.087	0.109	0.114	0.129	0.130	0.110	15.94
50) T	1,3-Dinitrobenzene	0.137	0.088	0.113	0.104	0.103	0.125	0.134	0.152	0.150	0.123	18.10
51) T	Dimethyl phthalate	1.195	0.932	1.050	0.917	0.838	0.933	0.932	0.961	0.878	0.959	11.01
52) T	Acenaphthylene	1.397	1.186	1.304	1.177	1.098	1.213	1.206	1.221	1.114	1.213	7.57
53) T	2,6-Dinitrotoluene	0.164	0.121	0.176	0.165	0.160	0.191	0.193	0.206	0.203	0.176	15.15
54) T	1,2-Dinitrobenzene	0.064	0.072	0.080	0.082	0.072	0.083	0.087	0.096	0.098	0.081	13.55
55) I	IS2_Naphthalene-d8	----------------ISTD---------------------										
56) T	a-Terpineol	0.244	0.183	0.275	0.250	0.240	0.248	0.254	0.303	0.279	0.253	13.20
57) T	3-Chloroaniline	0.091	0.111	0.138	0.125	0.128	0.144	0.136	0.156	0.145	0.130	15.12
58) T	2,6-Dichlorophenol	0.271	0.249	0.297	0.278	0.259	0.277	0.292	0.334	0.307	0.285	9.07
59) T	1-chloro-2-nitrobenzene	0.148	0.129	0.146	0.122	0.124	0.134	0.133	0.158	0.143	0.138	8.82
60) T	Caprolactam		0.073	0.116	0.102	0.111	0.131	0.145	0.176	0.163	*L	0.9932
61) T	1,2,4,5-Tetrachlorobenzene	0.496	0.399	0.476	0.439	0.405	0.433	0.408	0.469	0.419	0.438	7.95
62) T	Biphenyl	0.959	0.811	1.017	0.891	0.840	0.868	0.849	0.948	0.826	0.890	7.85
63) I	IS1_Acenaphthene-d10	----------------ISTD---------------------										
64) T	3-Nitroaniline	0.346	0.238	0.304	0.296	0.270	0.313	0.331	0.343	0.338	0.309	11.82
65) T	Acenaphthene	1.355	1.087	1.166	1.031	0.947	1.012	1.025	1.039	0.989	1.072	11.43
66) T	2,4-Dinitrophenol		0.079	0.134	0.129	0.140	0.168	0.184	0.207	0.207	*L	0.9957
67) T	Dibenzofuran	2.391	2.035	2.054	1.795	1.613	1.732	1.725	1.699	1.554	1.844	14.43
68) T	2,4-Dinitrotoluene	0.358	0.362	0.394	0.371	0.358	0.410	0.439	0.457	0.465	0.402	10.75
69) T	4-Nitrophenol	0.193	0.180	0.206	0.215	0.221	0.247	0.261	0.271	0.270	0.229	14.86
70) T	2,3,5,6-Tetrachlorophenol	0.355	0.332	0.386	0.365	0.363	0.410	0.430	0.445	0.445	0.392	10.64
71) T	2,3,4,6-Tetrachlorophenol	0.393	0.364	0.407	0.384	0.357	0.404	0.429	0.435	0.425	0.400	7.00
72) T	Diethyl phthalate	1.802	1.542	1.610	1.447	1.318	1.452	1.480	1.460	1.362	1.497	9.57
73) T	Fluorene	1.744	1.522	1.616	1.417	1.251	1.381	1.399	1.399	1.313	1.449	10.60
74) T	4-Chlorophenyl-phenylether	0.952	0.808	0.824	0.765	0.667	0.711	0.725	0.726	0.701	0.764	11.32
75) T	4-Nitroaniline	0.267	0.278	0.327	0.318	0.297	0.333	0.359	0.361	0.356	0.322	10.89
76) T	4,6-Dinitro-o-cresol		0.167	0.211	0.219	0.212	0.242	0.259	0.280	0.282	0.234	16.85
77) T	NDPA/DPA	1.285	1.184	1.240	1.201	1.095	1.178	1.192	1.199	1.142	1.191	4.51
78) T	Azobenzene	1.521	1.294	1.413	1.351	1.214	1.346	1.355	1.329	1.224	1.339	6.98
79) S	2,4,6-Tribromophenol			0.242	0.227	0.212	0.229	0.248	0.264	0.268	0.241	8.46
80) T	4-Bromophenyl-phenylether	0.565	0.589	0.540	0.471	0.421	0.460	0.470	0.484	0.479	0.498	11.00
81) T	Hexachlorobenzene	0.735	0.637	0.625	0.576	0.508	0.532	0.556	0.553	0.549	0.586	11.87
82) T	Pentachlorophenol	0.280	0.247	0.280	0.274	0.276	0.333	0.357	0.390	0.398	0.315	17.67
83) I	IS2_Acenaphthene-d10	----------------ISTD---------------------										
84) T	Dichloran			0.179	0.143	0.154	0.169	0.181	0.235	0.223	0.183	18.43
85) T	Pentachloronitrobenzene	0.191	0.160	0.185	0.177	0.172	0.198	0.200	0.244	0.224	0.195	13.43
86) I	IS3_Acenaphthene-d10	----------------ISTD---------------------										
87) T	Atrazine	0.525	0.396	0.442	0.428	0.388	0.431	0.469	0.605	0.544	0.470	15.62
88) I	IS1_Phenanthrene-d10	----------------ISTD---------------------										
89) T	Phenanthrene	1.468	1.193	1.252	1.072	0.963	1.012	1.006	0.981	0.869	1.091	16.86
90) T	Anthracene	1.239	1.099	1.165	1.034	0.957	1.024	1.016	1.008	0.879	1.047	10.28

Response Factor Report SV112

Method Path : I:\8270\SV112\250313RVTical\
Method File : FS250313SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Mar 14 09:19:55 2025
Response Via : Initial Calibration

Calibration Files
L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D
L8 =ADPL8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
91)	T	Carbazole	1.110	0.988	1.059	0.982	0.891	0.961	0.969	0.954	0.847	0.974	8.09
92)	T	Di-n-butylphthalate	1.202	1.094	1.120	1.044	1.007	1.114	1.148	1.127	0.958	1.090	6.90
93)	T	Fluoranthene	1.546	1.354	1.387	1.274	1.163	1.255	1.262	1.221	1.052	1.279	10.99
94)	T	Benzidine			0.560	0.599	0.619	0.735	0.778	0.806	0.747	0.692	14.05
95)	T	Pyrene	1.538	1.336	1.531	1.354	1.255	1.343	1.326	1.260	1.076	1.335	10.56
96)	S	4-Terphenyl-d14	1.298	1.046	1.138	1.040	0.955	1.030	1.012	1.001	0.895	1.046	11.04
97)	T	Butyl benzyl phthalate	0.456	0.438	0.465	0.427	0.415	0.465	0.507	0.553	0.542	0.474	10.39
98)	I	IS2_Phenanthrene-d10	----------------ISTD---------------------										
99)	T	Diphenamid	0.466	0.384	0.424	0.403	0.394	0.436	0.458	0.549	0.497	0.446	11.95
100)	I	IS3_Phenanthrene-d10	----------------ISTD---------------------										
101)	T	n-Octadecane	0.451	0.332	0.373	0.354	0.318	0.356	0.393	0.489	0.431	0.389	14.83
102)	T	Parathion			0.102	0.085	0.076	0.086	0.101	0.146		*Q	0.9999
103)	T	3,3'-Dimethylbenzidine					0.519	0.669	0.808	1.114	0.980	*L	0.9916
104)	I	IS1_Chrysene-d12	----------------ISTD---------------------										
105)	T	Benzo[a]anthracene	1.580	1.240	1.381	1.266	1.098	1.214	1.222	1.185	1.015	1.245	13.04
106)	T	3,3'-Dichlorobenzidine	0.488	0.409	0.423	0.406	0.390	0.455	0.470	0.501	0.478	0.447	9.08
107)	T	Chrysene	1.530	1.333	1.365	1.239	1.072	1.141	1.124	1.053	0.876	1.192	16.43
108)	T	bis(2-Ethylhexyl)phthalate	0.672	0.527	0.604	0.552	0.558	0.656	0.690	0.710	0.629	0.622	10.54
109)	T	Di-n-octylphthalate	1.006	0.901	0.954	0.908	0.880	1.057	1.126	1.142	0.967	0.994	9.73
110)	T	Benzo(b)fluoranthene	1.356	1.188	1.301	1.156	1.152	1.287	1.179	1.177	1.021	1.202	8.28
111)	T	Benzo(k)fluoranthene	1.474	1.222	1.376	1.283	1.038	1.146	1.213	1.108	0.944	1.200	13.73
112)	T	Benzo(a)pyrene	1.256	1.138	1.237	1.137	1.025	1.138	1.131	1.113	0.969	1.127	7.98
113)	I	IS1_Perylene-d12	----------------ISTD---------------------										
114)	T	Indeno(1,2,3-cd)pyrene	1.185	1.064	1.174	1.046	0.943	1.029	1.107	1.133	1.181	1.096	7.52
115)	T	Dibenzo[a,h]anthracene	1.158	1.017	1.144	1.052	0.952	1.056	1.076	1.095	1.018	1.063	6.08
116)	T	Benzo(g,h,i)perylene	1.328	1.085	1.197	1.099	0.979	1.056	1.063	1.074	1.007	1.099	9.60

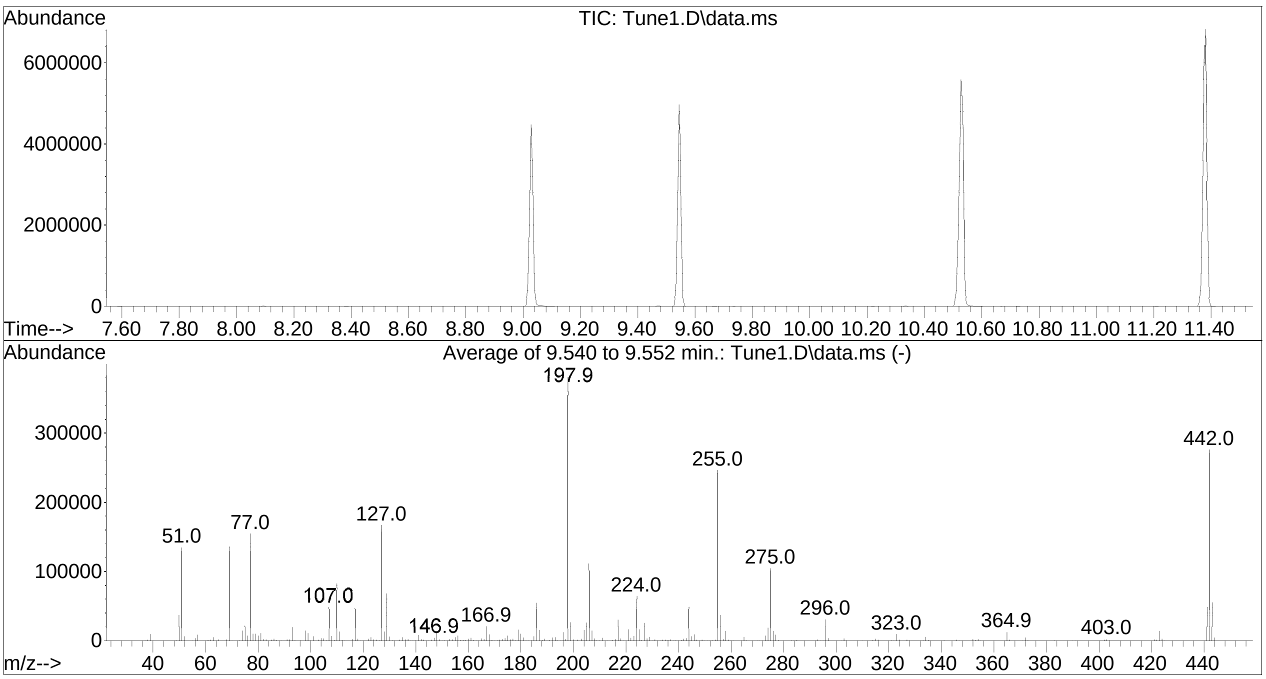
(#) = Out of Range

DFTPP

Data Path : I:\8270\SV112\250313RVTical\
Data File : Tune1.D
Acq On : 13 Mar 2025 01:24 pm
Operator : SV112:ljg
Sample : Tune Lot#11459
Misc : WG2040627
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Mar 14 09:19:55 2025



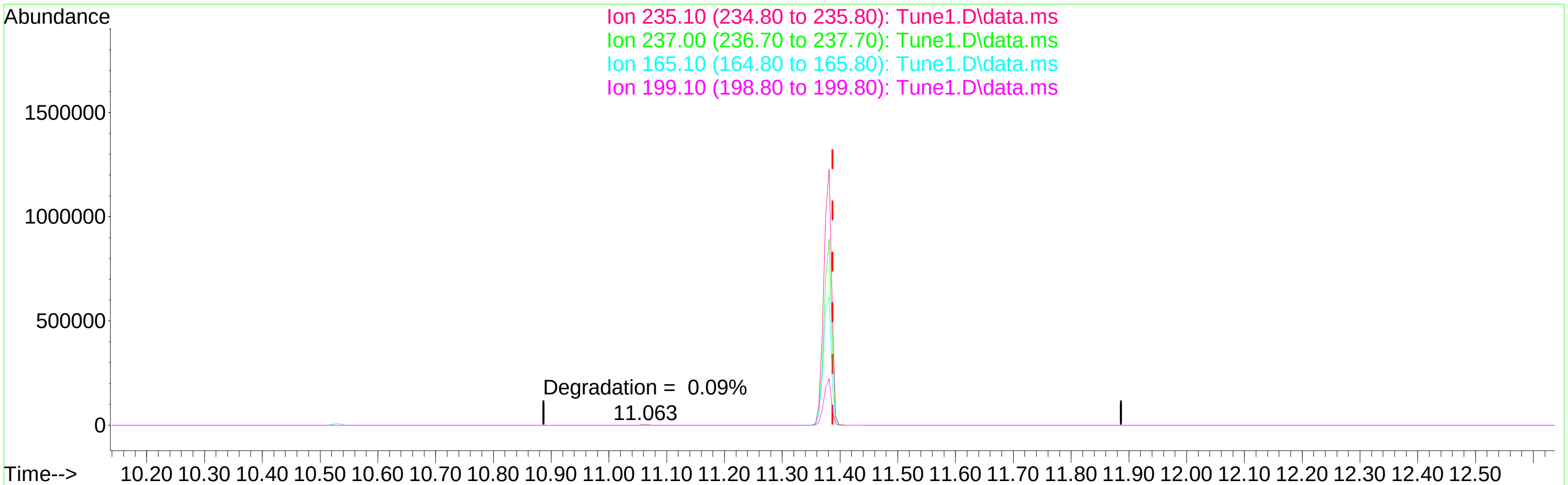
Spectrum Information: Average of 9.540 to 9.552 min.

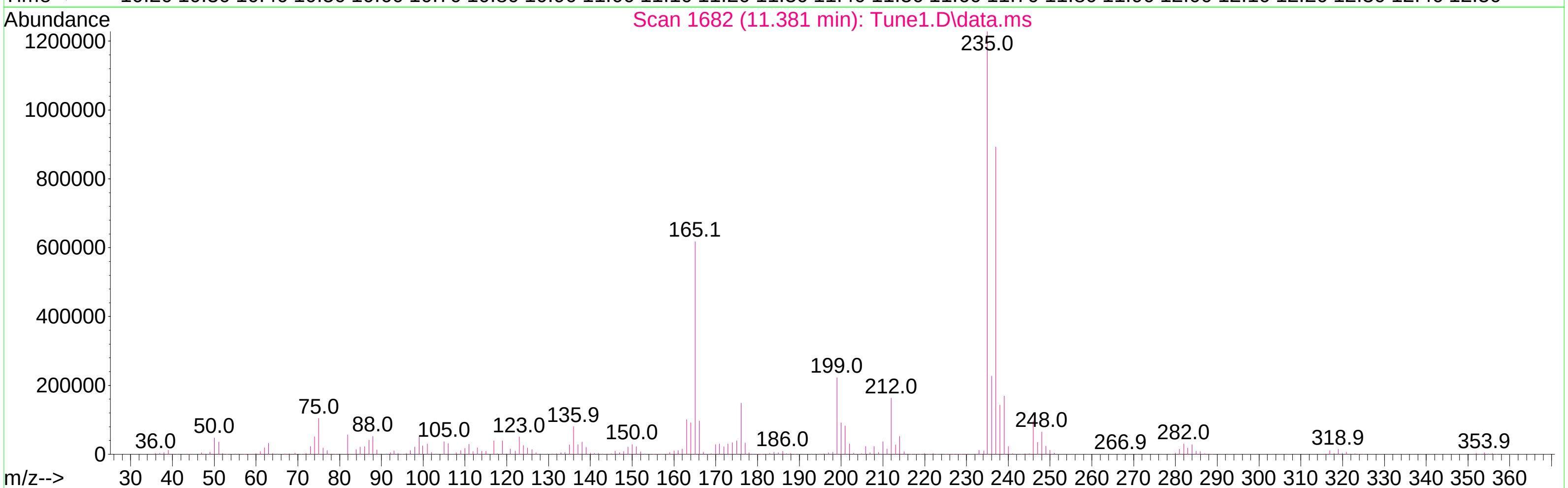
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	35.3	134517	PASS
68	69	0.00	2	1.7	2305	PASS
69	69	100	100	100.0	135989	PASS
70	69	0.00	2	0.5	638	PASS
127	198	10	80	43.8	166851	PASS
197	198	0.00	2	0.8	2886	PASS
198	198	100	100	100.0	380885	PASS
199	198	5	9	7.1	26918	PASS
275	198	10	60	27.5	104619	PASS
365	198	1	100	3.3	12430	PASS
441	442	0.01	24	17.5	48328	PASS
442	198	50	100	72.5	276155	PASS
443	442	15	24	20.0	55216	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\250313RVTical\
Data File : Tune1.D
Acq On : 13 Mar 2025 01:24 pm
Operator : SV112:ljg
Sample : Tune Lot#11459
Misc : WG2040627
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 13 15:34:06 2025
Quant Method : I:\8270\SV112\250313RVTical\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11459]

(6) DDT (T)

11.381min (-0.006) 0.00

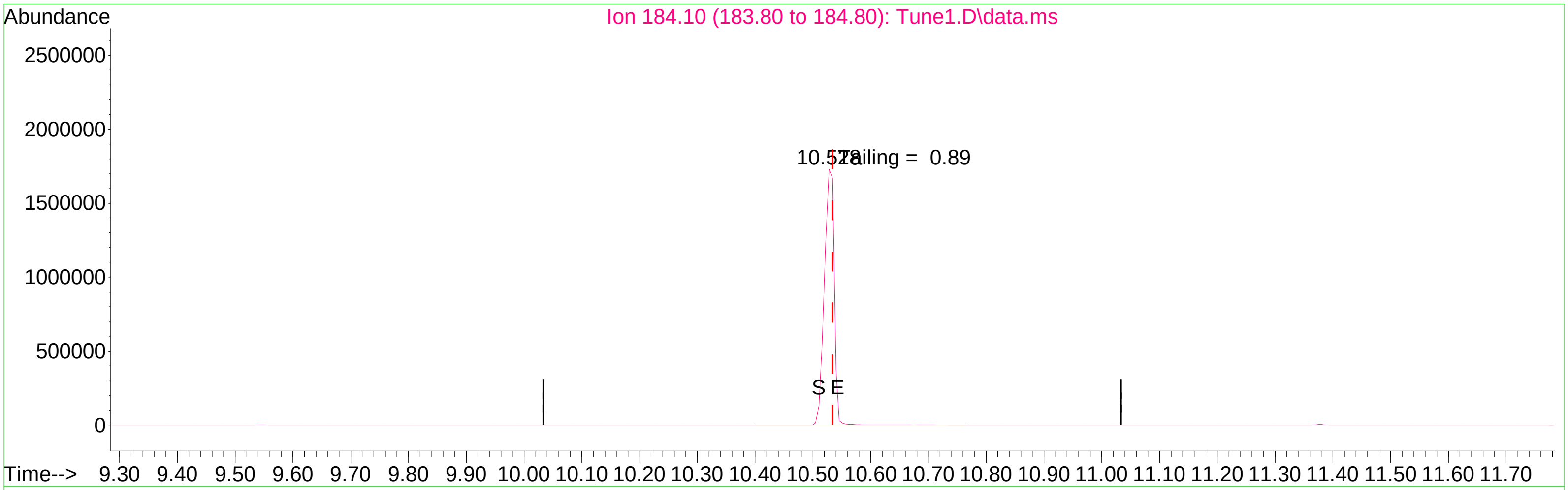
response 1167177

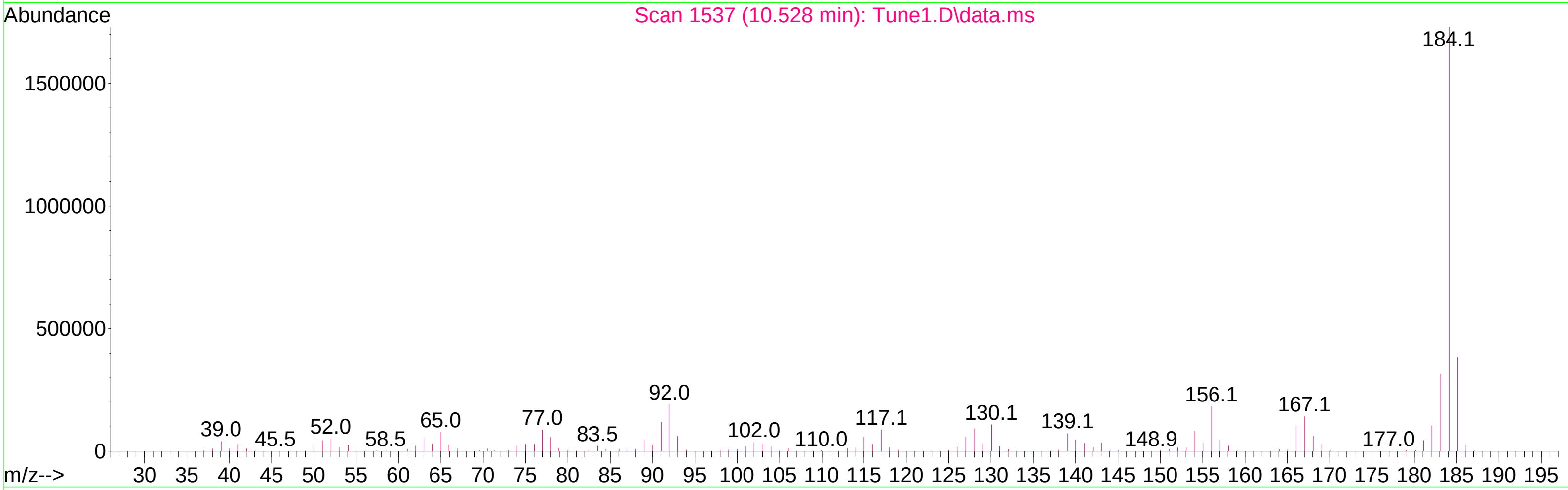
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	71.30	69.20
165.10	47.10	49.69
199.10	16.40	17.04

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\250313RVTical\
Data File : Tune1.D
Acq On : 13 Mar 2025 01:24 pm
Operator : SV112:ljg
Sample : Tune Lot#11459
Misc : WG2040627
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 13 15:34:06 2025
Quant Method : I:\8270\SV112\250313RVTical\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11459]

(3) Benzidine (T)

10.528min (-0.006) 0.00

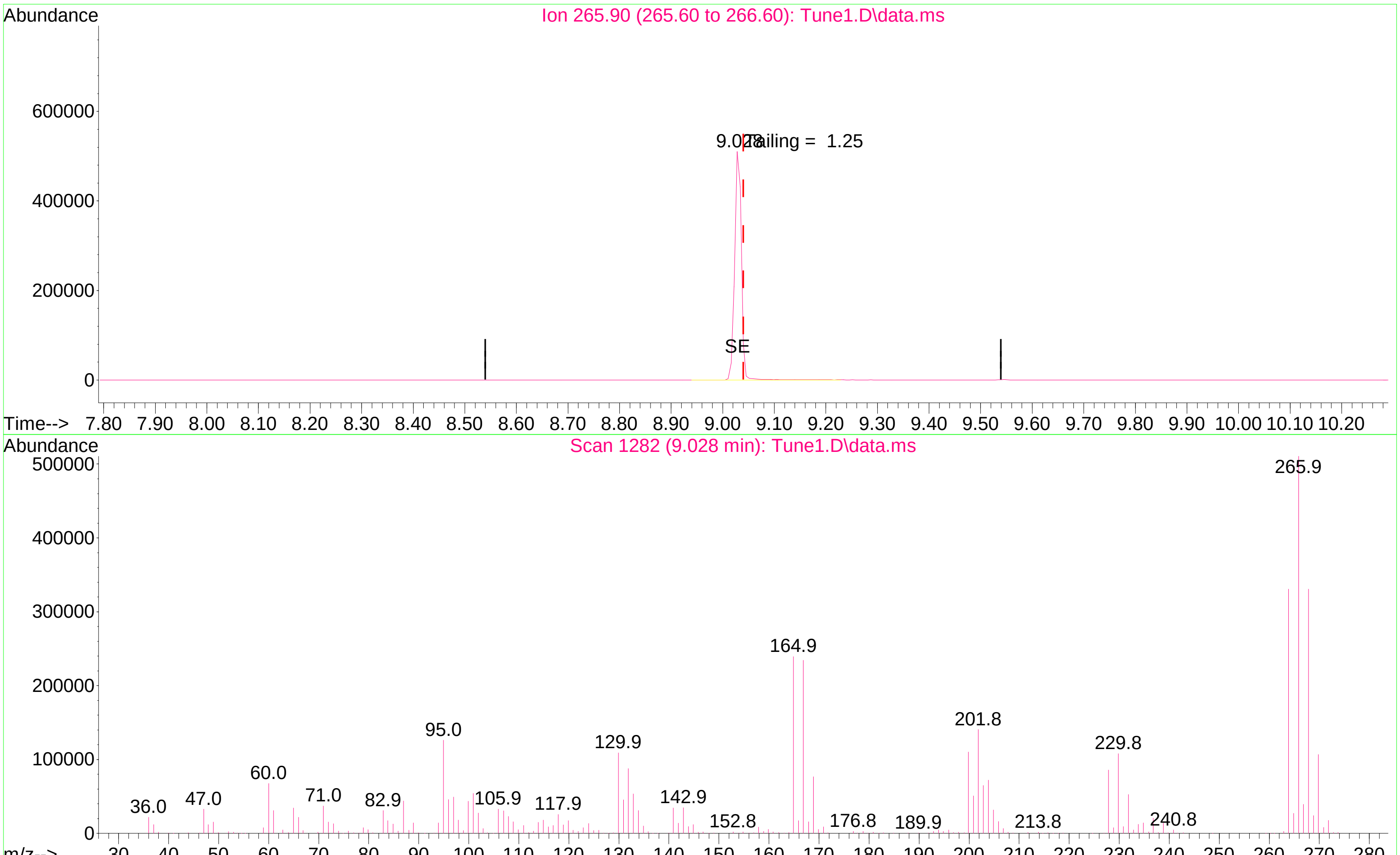
response 2043518

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\250313RVTical\
Data File : Tune1.D
Acq On : 13 Mar 2025 01:24 pm
Operator : SV112:ljg
Sample : Tune Lot#11459
Misc : WG2040627
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 13 15:34:06 2025
Quant Method : I:\8270\SV112\250313RVTical\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration



CHROMtools™ [Tune Lot#11459]

(1) Pentachlorophenol (T)

9.028min (-0.012) 0.00

response 459960

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Duplicate Retention Times

(5) DDD 235.00

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL9.D
Acq On   : 13 Mar 2025 01:47 pm
Operator : SV112:ljg
Sample   : IL2,32,,ABNL50 Lot# 11425
Misc   : WG2040627
ALS Vial : 1   Sample Multiplier: 1

Quant Time: Mar 13 20:23:49 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List   : ABNical - ABN ical sublist

```
        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------------
  Internal Standards
  1) IS1_1,4-Dichlorobenzen...   4.834  152     23901     4.000 ug/ml  # 0.00
     Standard Area 1 = 23356                Recovery   =  102.33%
 35) IS1_Naphthalene-d8          6.069  136     95529     4.000 ug/ml    0.00
     Standard Area 1 = 87070                Recovery   =  109.72%
 63) IS1_Acenaphthene-d10        7.769  164     64052     4.000 ug/ml    0.00
     Standard Area 1 = 56356                Recovery   =  113.66%
 88) IS1_Phenanthrene-d10        9.198  188    139390     4.000 ug/ml  # 0.00
     Standard Area 1 = 122535                Recovery   =  113.76%
104) IS1_Chrysene-d12           11.839  240    172712     4.000 ug/ml  # 0.01
     Standard Area 1 = 141005                Recovery   =  122.49%
113) IS1_Perylene-d12           13.298  264    176871     4.000 ug/ml    0.00
     Standard Area 1 = 153196                Recovery   =  115.45%

  System Monitoring Compounds
  4) 2-Fluorophenol              3.563  112    332048    51.331 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   = 2566.55%#
  7) Phenol-d6                   4.510   99    440986    54.652 ug/ml   0.01
     Spiked Amount      2.000   Range  15 - 110    Recovery   = 2732.60%#
 19) Nitrobenzene-d5             5.375   82    411912    54.057 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   = 5405.70%#
 46) 2-Fluorobiphenyl            7.134  172    969727    44.328 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   = 4432.80%#
 79) 2,4,6-Tribromophenol        8.534  330    214579    55.508 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   = 2775.40%#
 96) 4-Terphenyl-d14            10.775  244   1560221    42.801 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   = 4280.10%#

  Target Compounds                                                  Qvalue
  2) n-Nitrosodimethylamine      2.199   74     221040     53.197 ug/ml     89
  3) Pyridine                    2.228   79     384564     52.964 ug/ml     90
  5) Aniline                     4.516   93     582791     55.096 ug/ml#    48
  6) 2-Chlorophenol              4.628  128     371375     49.828 ug/ml     97
  8) Phenol                      4.522   94     501583     52.732 ug/ml#    42
  9) Bis(2-chloroethyl)ether     4.593   93     336175     48.822 ug/ml     99
 10) 1,3-Dichlorobenzene         4.775  146     421124     47.856 ug/ml     97
 11) 1,4-Dichlorobenzene         4.852  146     429764     47.163 ug/ml     96
 12) 1,2-Dichlorobenzene         4.999  146     411778     47.115 ug/ml     96
 13) Benzyl alcohol              4.987   79     325607     56.051 ug/ml     97
 14) Bis(2-chloroisopropyl)...   5.128   45     476532     47.653 ug/ml#    75
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL9.D
Acq On : 13 Mar 2025 01:47 pm
Operator : SV112:ljg
Sample : IL2,32,,ABNL50 Lot# 11425
Misc : WG2040627
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 20:23:49 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	5.110	108	339062	53.773 ug/ml	97
16) Hexachloroethane	5.322	117	168818	50.385 ug/ml#	62
17) n-Nitrosodi-n-propylamine	5.252	70	291596	53.962 ug/ml	97
18) 3-Methylphenol/4-Methy...	5.263	108	371678	53.210 ug/ml	97
20) Nitrobenzene	5.393	77	414387	53.271 ug/ml	99
21) Isophorone	5.634	82	764807	53.222 ug/ml	97
22) 2-Nitrophenol	5.704	139	212256	59.876 ug/ml	97
23) 2,4-Dimethylphenol	5.775	107	407483	55.119 ug/ml	99
24) Bis(2-chloroethoxy)met...	5.863	93	482348	49.952 ug/ml	98
25) 2,4-Dichlorophenol	5.946	162	385239	56.819 ug/ml	94
26) 1,2,4-Trichlorobenzene	6.022	180	428206	49.783 ug/ml	97
36) Naphthalene	6.087	128	1061516	43.354 ug/ml	95
37) Benzoic Acid	5.922	105	320278	51.615 ug/ml	97
38) 4-Chloroaniline	6.151	65	161448	52.880 ug/ml	96
39) Hexachlorobutadiene	6.234	225	291478	46.707 ug/ml	99
40) p-Chloro-m-cresol	6.646	107	374908	54.719 ug/ml	94
41) 2-Methylnaphthalene	6.763	142	722459	47.392 ug/ml	96
42) 1-Methylnaphthalene	6.857	115	290077	49.820 ug/ml	96
43) Hexachlorocyclopentadiene	6.934	237	388371	51.667 ug/ml	99
44) 2,4,6-Trichlorophenol	7.051	196	348187	54.000 ug/ml	99
45) 2,4,5-Trichlorophenol	7.075	196	360002	55.275 ug/ml	98
47) 2-Chloronaphthalene	7.234	162	842323	47.161 ug/ml	94
48) 2-Nitroaniline	7.340	138	291547	60.494 ug/ml	95
49) 1,4-Dinitrobenzene	7.475	168	154943	58.719 ug/ml	86
50) 1,3-Dinitrobenzene	7.551	168	179492	61.169 ug/ml	84
51) Dimethyl phthalate	7.545	163	1048837	45.773 ug/ml#	96
52) Acenaphthylene	7.634	152	1330454	45.925 ug/ml#	91
53) 2,6-Dinitrotoluene	7.587	165	242036	57.731 ug/ml	92
54) 1,2-Dinitrobenzene	7.634	168	116525	59.920 ug/ml#	1
64) 3-Nitroaniline	7.745	138	270234	54.676 ug/ml	94
65) Acenaphthene	7.804	154	791528	46.098 ug/ml	98
66) 2,4-Dinitrophenol	7.840	184	165864	51.241 ug/ml#	84
67) Dibenzofuran	7.975	168	1244294	42.130 ug/ml	99
68) 2,4-Dinitrotoluene	7.975	165	372499	57.906 ug/ml	87
69) 4-Nitrophenol	7.928	65	216381	58.913 ug/ml	97
70) 2,3,5,6-Tetrachlorophenol	8.057	232	355970	56.683 ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	8.098	232	340583	53.201 ug/ml	99
72) Diethyl phthalate	8.234	149	1090198	45.478 ug/ml#	92
73) Fluorene	8.304	166	1051017	45.296 ug/ml	98
74) 4-Chlorophenyl phenyl ...	8.316	204	561573	45.878 ug/ml#	82

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL9.D
Acq On    : 13 Mar 2025  01:47 pm
Operator  : SV112:ljg
Sample    : IL2,32,,ABNL50 Lot# 11425
Misc      : WG2040627
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 13 20:23:49 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List     : ABNical - ABN ical sublist
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
75) 4-Nitroaniline	8.340	138	285239	55.376 ug/ml	97
76) 4,6-Dinitro-o-cresol	8.369	198	225748	60.297 ug/ml#	76
77) NDPA/DPA	8.434	169	914730	47.980 ug/ml	91
78) Azobenzene	8.469	77	979961	45.721 ug/ml#	93
80) 4-Bromophenyl phenyl e...	8.787	248	383548M3	48.131 ug/ml	
81) Hexachlorobenzene	8.840	284	439644	46.891 ug/ml#	86
82) Pentachlorophenol	9.028	266	318604	63.165 ug/ml	99
89) Phenanthrene	9.222	178	1514000	39.837 ug/ml#	90
90) Anthracene	9.275	178	1532275	42.004 ug/ml#	88
91) Carbazole	9.440	167	1475670	43.499 ug/ml#	90
92) Di-n-butylphthalate	9.816	149	1668345	43.907 ug/ml#	92
93) Fluoranthene	10.375	202	1832155	41.097 ug/ml#	91
94) Benzidine	10.522	184	1302336	53.993 ug/ml	95
95) Pyrene	10.592	202	1875035	40.292 ug/ml#	86
97) Butyl benzyl phthalate	11.298	149	944385	57.145 ug/ml#	96
105) Benzo(a)anthracene	11.834	228	2192072	40.793 ug/ml#	85
106) 3,3'-Dichlorobenzidine	11.828	252	1032577	53.550 ug/ml#	94
107) Chrysene	11.869	228	1890462	36.716 ug/ml#	85
108) Bis(2-ethylhexyl)phtha...	11.928	149	1357415	50.536 ug/ml#	91
109) Di-n-octylphthalate	12.610	149	2087414	48.659 ug/ml#	94
110) Benzo(b)fluoranthene	12.939	252	2204833	42.487 ug/ml#	92
111) Benzo(k)fluoranthene	12.969	252	2037141M3	39.306 ug/ml	
112) Benzo(a)pyrene	13.257	252	2090904	42.963 ug/ml#	91
114) Indeno(1,2,3-cd)pyrene	14.316	276	2611840M6	53.903 ug/mL	
115) Dibenzo(a,h)anthracene	14.339	278	2251531	47.891 ug/ml	91
116) Benzo(ghi)perylene	14.586	276	2227008	45.834 ug/ml	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL9.D
Acq On    : 13 Mar 2025  01:47 pm
Operator  : SV112:ljg
Sample    : IL2,32,,ABNL50 Lot# 11425
Misc      : WG2040627
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 13 20:23:49 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

Sub List     : ABNical - ABN ical sublistTical\ABNL6.D•
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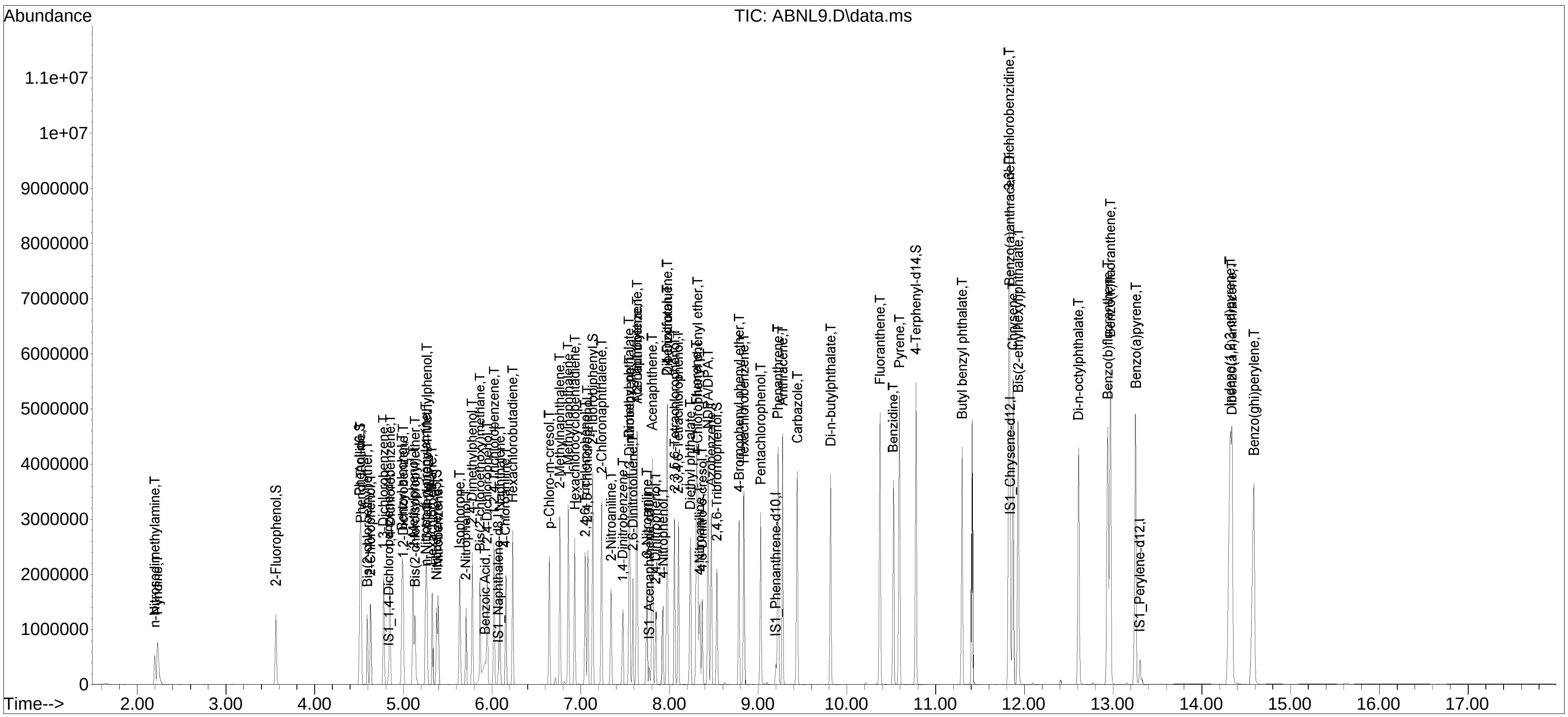
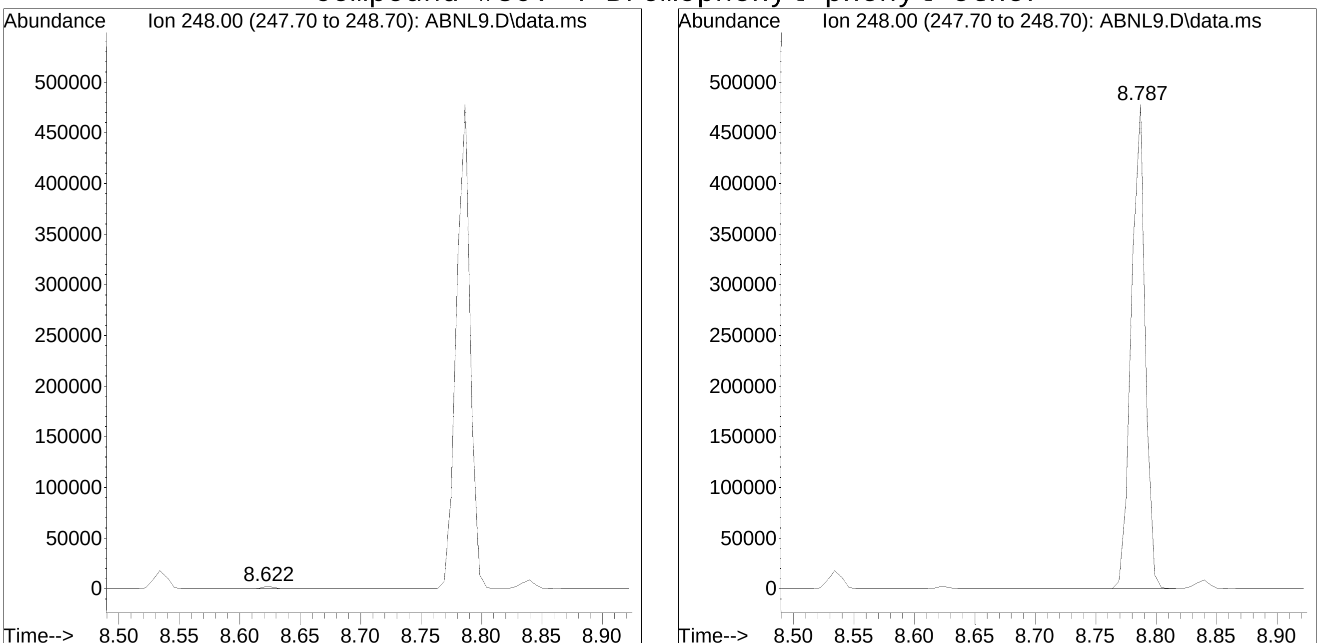


Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL9.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 1:47 pm Instrument : SV112
Sample : IL2,32,,ABNL50 Lot# 11425 Quant Date : 3/13/2025 8:24 pm

Compound #80: 4-Bromophenyl phenyl ether

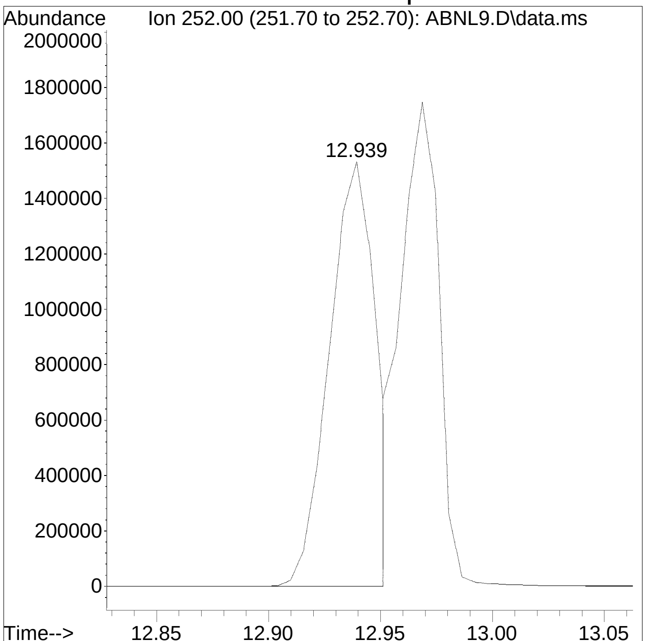


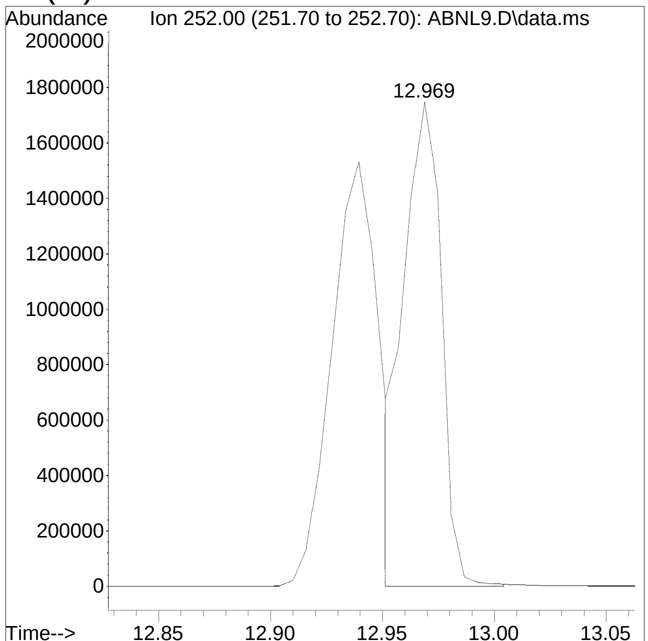
Original Peak Response = 2119 Manual Peak Response = 383548 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\SV112\250313RVTicaQ	Method	: FS250313SV112RVT.m
Data File	: ABNL9.D	Operator	: SV112:ljg
Date Inj'd	: 3/13/2025 1:47 pm	Instrument	: SV112
Sample	: IL2,32,,ABNL50 Lot# 11425	Quant Date	: 3/13/2025 8:24 pm

Compound #111: Benzo(k)fluoranthene





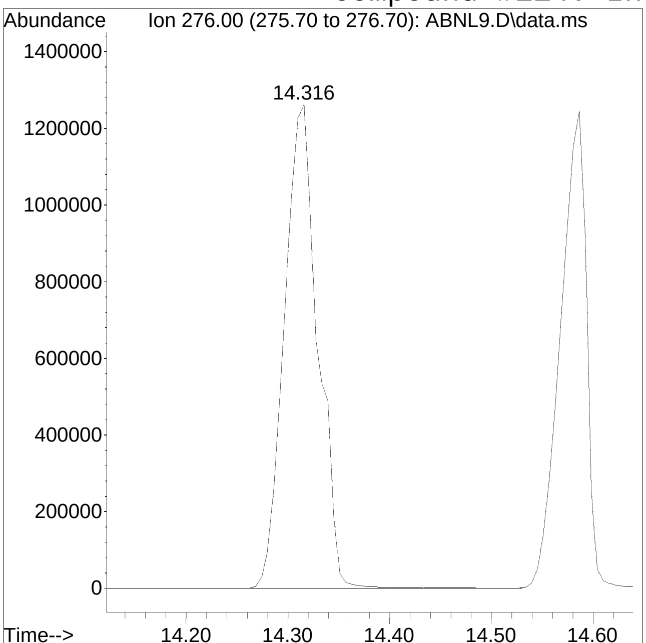
Original Peak Response = 2204833   Manual Peak Response = 2037141 M3

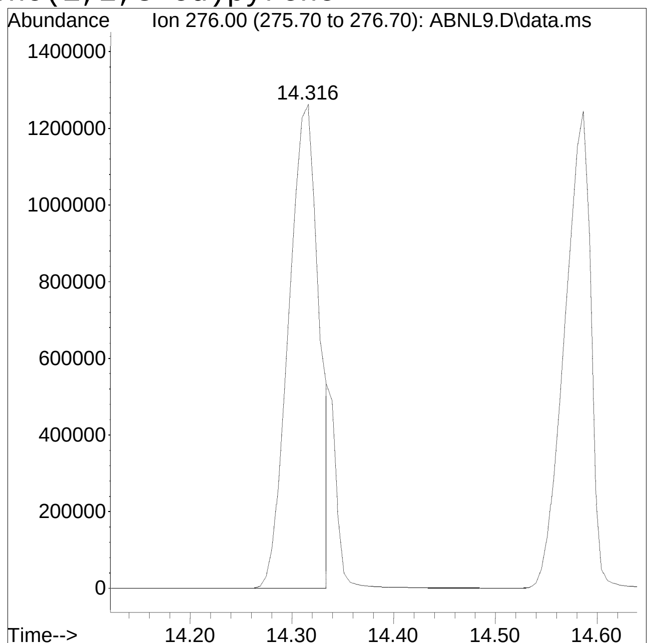
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTica QMethod : FS250313SV112RVT.m
Data File : ABNL9.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 1:47 pm Instrument : SV112
Sample : IL2,32,,ABNL50 Lot# 11425 Quant Date : 3/13/2025 8:24 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 2894180 Manual Peak Response = 2611840 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL8.D
Acq On    : 13 Mar 2025  02:10 pm
Operator  : SV112:ljg
Sample    : IL3,32,,ABNL25 Lot# 11426
Misc      : WG2040627
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 14 10:51:13 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
  1) IS1_1,4-Dichlorobenzen...   4.834  152     24727     4.000 ug/ml  # 0.00
    Standard Area 1 = 23356                 Recovery   =  105.87%
 35) IS1_Naphthalene-d8          6.069  136     97603     4.000 ug/ml    0.00
    Standard Area 1 = 87070                 Recovery   =  112.10%
 63) IS1_Acenaphthene-d10        7.769  164     65328     4.000 ug/ml    0.00
    Standard Area 1 = 56356                 Recovery   =  115.92%
 88) IS1_Phenanthrene-d10        9.198  188    141046     4.000 ug/ml  # 0.00
    Standard Area 1 = 122535                 Recovery   =  115.11%
104) IS1_Chrysene-d12           11.834  240    165226     4.000 ug/ml  # 0.00
    Standard Area 1 = 141005                 Recovery   =  117.18%
113) IS1_Perylene-d12           13.298  264    170770     4.000 ug/ml    0.00
    Standard Area 1 = 153196                 Recovery   =  111.47%

 System Monitoring Compounds
  4) 2-Fluorophenol              3.563  112    179015    26.750 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   = 1337.50%#
  7) Phenol-d6                   4.505   99    231601    27.744 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   = 1387.20%#
 19) Nitrobenzene-d5             5.375   82    217975    27.650 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 2765.00%#
 46) 2-Fluorobiphenyl            7.134  172    535039    23.938 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 2393.80%#
 79) 2,4,6-Tribromophenol        8.534  330    107723    27.322 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   = 1366.10%#
 96) 4-Terphenyl-d14            10.775  244    882195    23.917 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 2391.70%#

 Target Compounds                                                 Qvalue
  2) n-Nitrosodimethylamine      2.205   74     119018     27.687 ug/ml     88
  3) Pyridine                    2.234   79     210981     28.087 ug/ml     91
  5) Aniline                     4.510   93     310728     28.395 ug/ml#    48
  6) 2-Chlorophenol              4.628  128     198193     25.703 ug/ml     98
  8) Phenol                      4.516   94     266046     27.036 ug/ml#    42
  9) Bis(2-chloroethyl)ether     4.593   93     180517     25.341 ug/ml     99
 10) 1,3-Dichlorobenzene         4.775  146     224762     24.688 ug/ml     97
 11) 1,4-Dichlorobenzene         4.852  146     229765     24.372 ug/ml     96
 12) 1,2-Dichlorobenzene         4.999  146     218274     24.140 ug/ml     96
 13) Benzyl alcohol              4.981   79     170149     28.311 ug/ml     97
 14) Bis(2-chloroisopropyl)...   5.128   45     263689     25.488 ug/ml#    76
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL8.D
Acq On : 13 Mar 2025 02:10 pm
Operator : SV112:ljg
Sample : IL3,32,,ABNL25 Lot# 11426
Misc : WG2040627
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 10:51:13 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	5.105	108	179571	27.527	ug/ml	98
16) Hexachloroethane	5.322	117	89161	25.722	ug/ml#	64
17) n-Nitrosodi-n-propylamine	5.252	70	153232	27.409	ug/ml	97
18) 3-Methylphenol/4-Methy...	5.263	108	192757	26.674	ug/ml	96
20) Nitrobenzene	5.393	77	219626	27.291	ug/ml	99
21) Isophorone	5.628	82	415168	27.926	ug/ml	98
22) 2-Nitrophenol	5.705	139	110910	30.242	ug/ml	97
23) 2,4-Dimethylphenol	5.775	107	213151	27.869	ug/ml	99
24) Bis(2-chloroethoxy)met...	5.863	93	261719	26.198	ug/ml	99
25) 2,4-Dichlorophenol	5.940	162	202971	28.936	ug/ml	94
26) 1,2,4-Trichlorobenzene	6.022	180	228801	25.712	ug/ml	97
36) Naphthalene	6.087	128	589903	23.581	ug/ml	97
37) Benzoic Acid	5.893	105	161524	25.777	ug/ml	100
38) 4-Chloroaniline	6.152	65	84453	27.074	ug/ml	97
39) Hexachlorobutadiene	6.234	225	151748	23.800	ug/ml	99
40) p-Chloro-m-cresol	6.640	107	196606	28.085	ug/ml	95
41) 2-Methylnaphthalene	6.763	142	392016	25.169	ug/ml	97
42) 1-Methylnaphthalene	6.857	115	151720	25.504	ug/ml	97
43) Hexachlorocyclopentadiene	6.934	237	203931	26.554	ug/ml	99
44) 2,4,6-Trichlorophenol	7.046	196	182709	27.734	ug/ml	99
45) 2,4,5-Trichlorophenol	7.075	196	185594M3	27.891	ug/ml	
47) 2-Chloronaphthalene	7.228	162	454749	24.920	ug/ml	94
48) 2-Nitroaniline	7.340	138	152425	30.955	ug/ml	94
49) 1,4-Dinitrobenzene	7.469	168	78908	29.268	ug/ml	87
50) 1,3-Dinitrobenzene	7.546	168	92475	30.845	ug/ml	84
51) Dimethyl phthalate	7.540	163	586230	25.040	ug/ml	99
52) Acenaphthylene	7.628	152	745089	25.173	ug/ml	95
53) 2,6-Dinitrotoluene	7.581	165	125836	29.377	ug/ml	93
54) 1,2-Dinitrobenzene	7.628	168	58450	29.418	ug/ml#	1
64) 3-Nitroaniline	7.740	138	140225	27.817	ug/ml	94
65) Acenaphthene	7.798	154	424333	24.230	ug/ml	97
66) 2,4-Dinitrophenol	7.834	184	84526	25.708	ug/ml#	84
67) Dibenzofuran	7.969	168	693651	23.028	ug/ml	95
68) 2,4-Dinitrotoluene	7.969	165	186670	28.451	ug/ml	89
69) 4-Nitrophenol	7.916	65	110697	29.550	ug/ml	95
70) 2,3,5,6-Tetrachlorophenol	8.057	232	181633	28.358	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	8.098	232	177757	27.224	ug/ml	99
72) Diethyl phthalate	8.228	149	596029	24.378	ug/ml	95
73) Fluorene	8.298	166	571011	24.129	ug/ml	97
74) 4-Chlorophenyl phenyl ...	8.316	204	296490	23.749	ug/ml#	82

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL8.D
Acq On : 13 Mar 2025 02:10 pm
Operator : SV112:ljg
Sample : IL3,32,,ABNL25 Lot# 11426
Misc : WG2040627
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 10:51:13 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
75) 4-Nitroaniline	8.328	138	147393	28.056 ug/ml	96
76) 4,6-Dinitro-o-cresol	8.363	198	114394	29.958 ug/ml#	77
77) NDPA/DPA	8.428	169	489439	25.171 ug/ml	92
78) Azobenzene	8.463	77	542491	24.816 ug/ml#	93
80) 4-Bromophenyl phenyl e...	8.781	248	197723M3	24.328 ug/ml	
81) Hexachlorobenzene	8.834	284	225831	23.616 ug/ml#	86
82) Pentachlorophenol	9.028	266	159072	30.921 ug/ml	98
89) Phenanthrene	9.222	178	864516	22.480 ug/ml	95
90) Anthracene	9.269	178	889005	24.084 ug/ml	96
91) Carbazole	9.434	167	840599	24.488 ug/ml	95
92) Di-n-butylphthalate	9.816	149	993482	25.839 ug/ml	97
93) Fluoranthene	10.369	202	1076544M3	23.864 ug/ml	
94) Benzidine	10.522	184	710543	29.112 ug/ml#	97
95) Pyrene	10.587	202	1110888	23.591 ug/ml	94
97) Butyl benzyl phthalate	11.292	149	487517	29.153 ug/ml#	95
105) Benzo(a)anthracene	11.828	228	1223473	23.800 ug/ml	94
106) 3,3'-Dichlorobenzidine	11.822	252	517116	28.033 ug/ml#	96
107) Chrysene	11.863	228	1087516	22.078 ug/ml	94
108) Bis(2-ethylhexyl)phtha...	11.928	149	733598	28.549 ug/ml#	97
109) Di-n-octylphthalate	12.604	149	1179184	28.733 ug/ml	98
110) Benzo(b)fluoranthene	12.934	252	1215625	24.486 ug/ml#	95
111) Benzo(k)fluoranthene	12.963	252	1144121M3	23.075 ug/ml	
112) Benzo(a)pyrene	13.245	252	1149074	24.680 ug/ml#	94
114) Indeno(1,2,3-cd)pyrene	14.304	276	1208954M6	25.842 ug/mL	
115) Dibenzo(a,h)anthracene	14.322	278	1168764	25.748 ug/ml#	92
116) Benzo(ghi)perylene	14.569	276	1146813	24.446 ug/ml	93

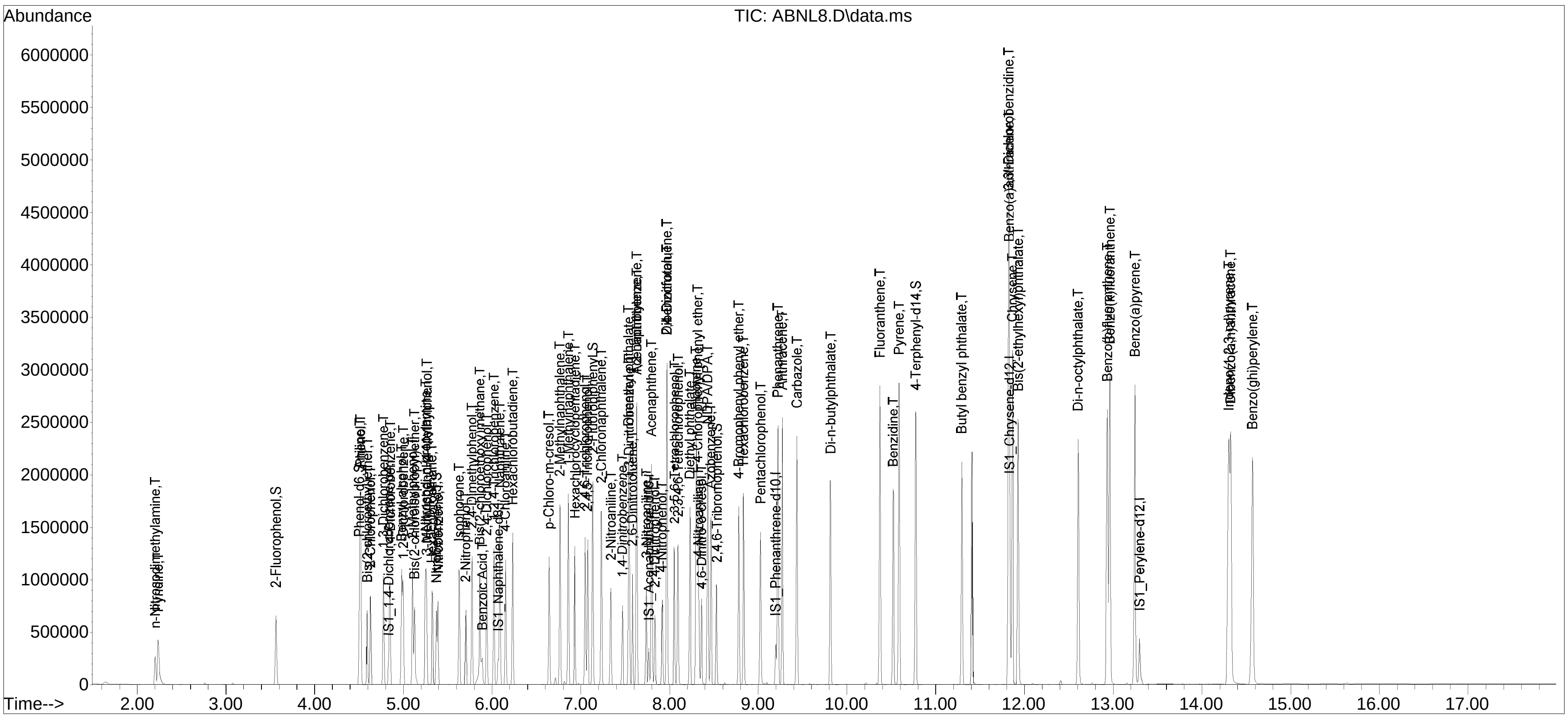
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL8.D
Acq On : 13 Mar 2025 02:10 pm
Operator : SV112:ljg
Sample : IL3,32,,ABNL25 Lot# 11426
Misc : WG2040627
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 10:51:13 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistTical\ABNL6.D•



Manual Integration Report

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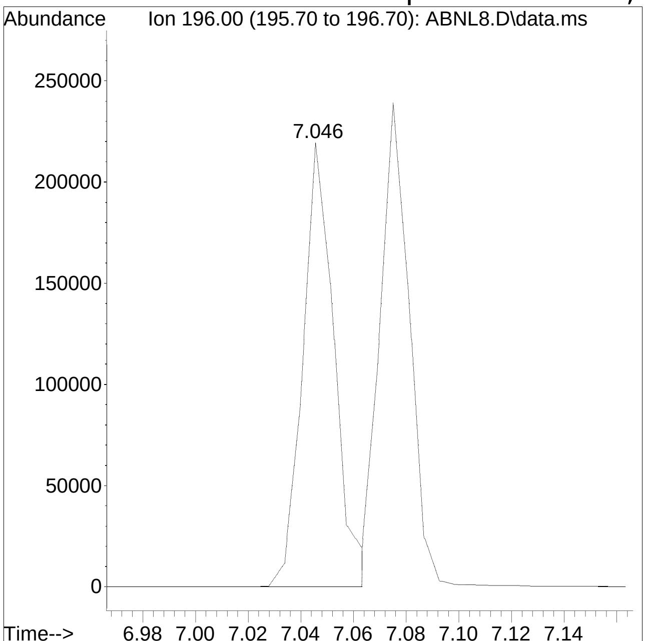
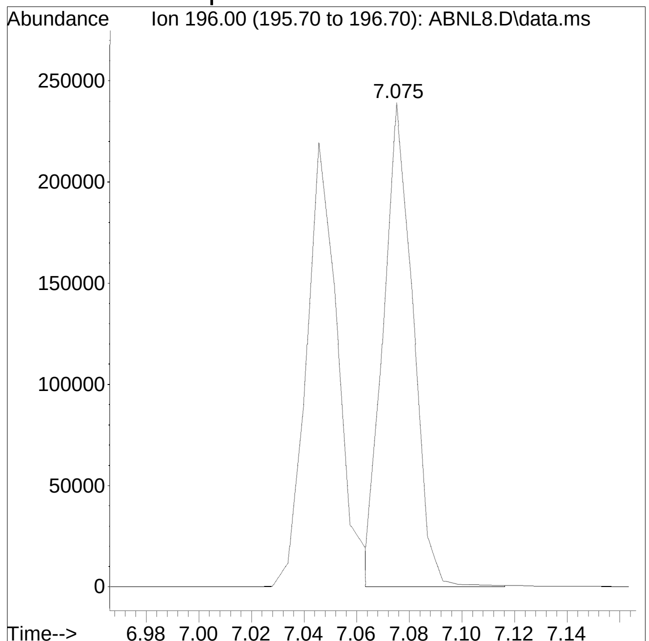
Data Path   : I:\8270\SV112\250313RVTicaQMethod      : FS250313SV112RVT.m
Data File   : ABNL8.D                   Operator     : SV112:ljg
Date Inj'd  : 3/13/2025  2:10 pm        Instrument   : SV112
Sample      : IL3,32,,ABNL25 Lot# 11426 Quant Date   : 3/13/2025  8:24 pm
```

Compound #45: 2,4,5-Trichlorophenol





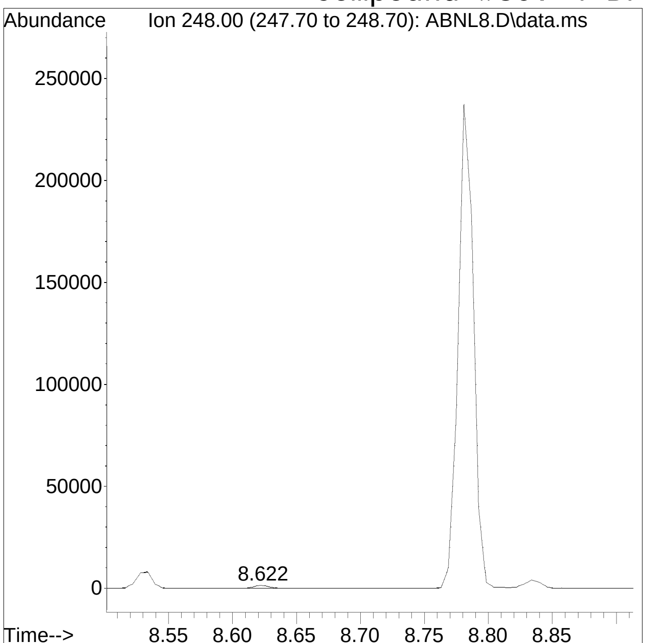
Original Peak Response = 182709   Manual Peak Response = 185594 M3

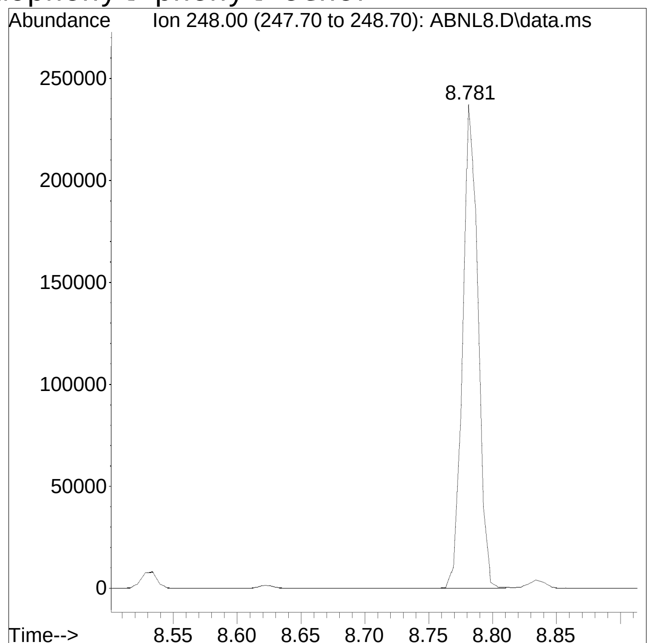
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL8.D                    Operator     : SV112:ljg
Date Inj'd   : 3/13/2025  2:10 pm         Instrument   : SV112
Sample       : IL3,32,,ABNL25 Lot# 11426 Quant Date   : 3/13/2025  8:24 pm
```

Compound #80: 4-Bromophenyl phenyl ether





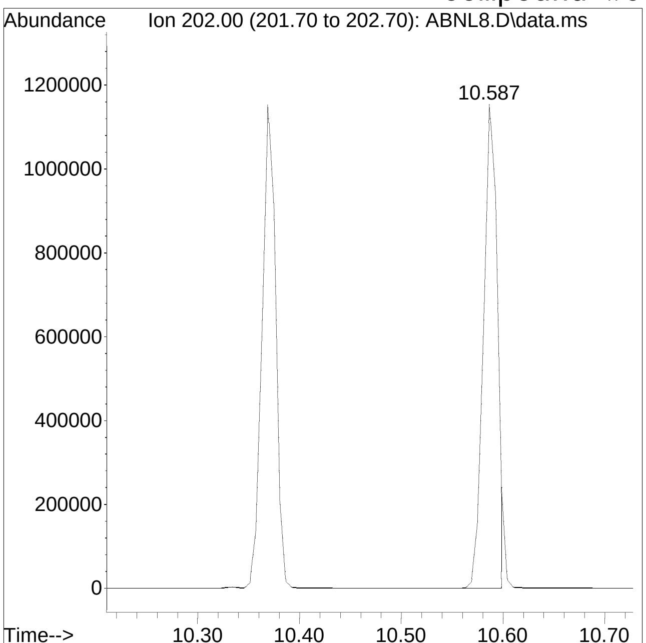
Original Peak Response = 1156   Manual Peak Response = 197723 M3

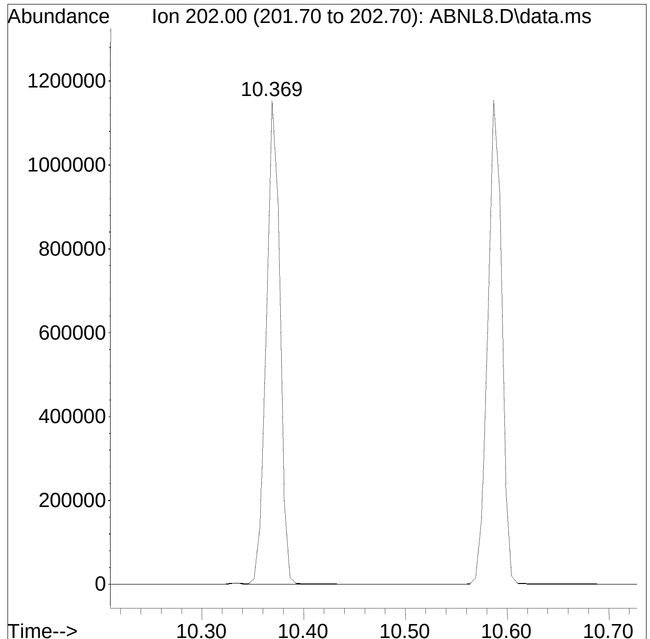
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\SV112\250313RVTicaQ	Method	: FS250313SV112RVT.m
Data File	: ABNL8.D	Operator	: SV112:ljg
Date Inj'd	: 3/13/2025 2:10 pm	Instrument	: SV112
Sample	: IL3,32,,ABNL25 Lot# 11426	Quant Date	: 3/13/2025 8:24 pm

Compound #93: Fluoranthene





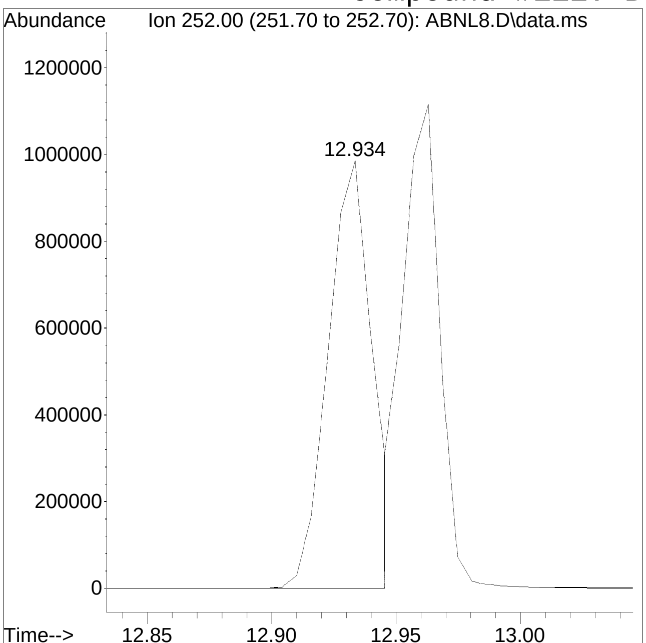
Original Peak Response = 1101817 Manual Peak Response = 1076544 M3

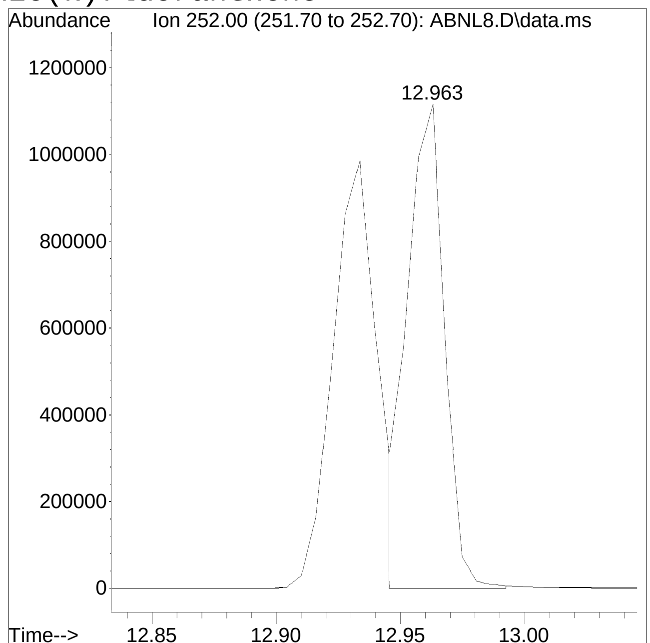
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL8.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 2:10 pm Instrument : SV112
Sample : IL3,32,,ABNL25 Lot# 11426 Quant Date : 3/13/2025 8:24 pm

Compound #111: Benzo(k)fluoranthene



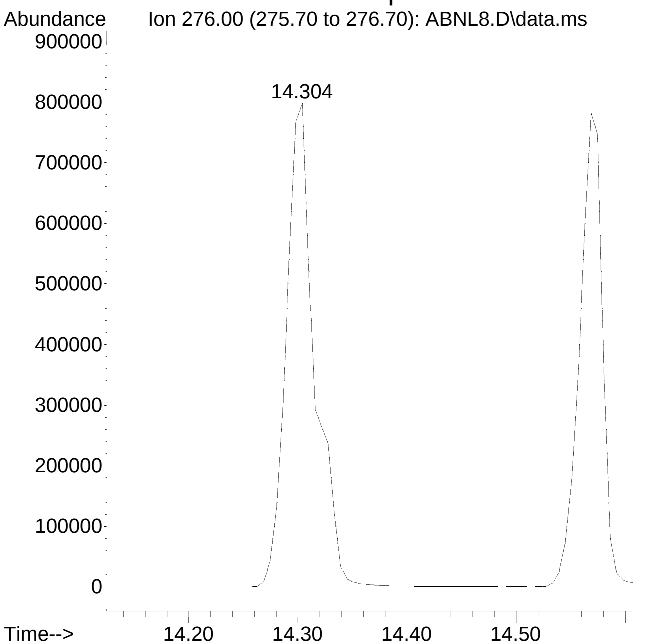


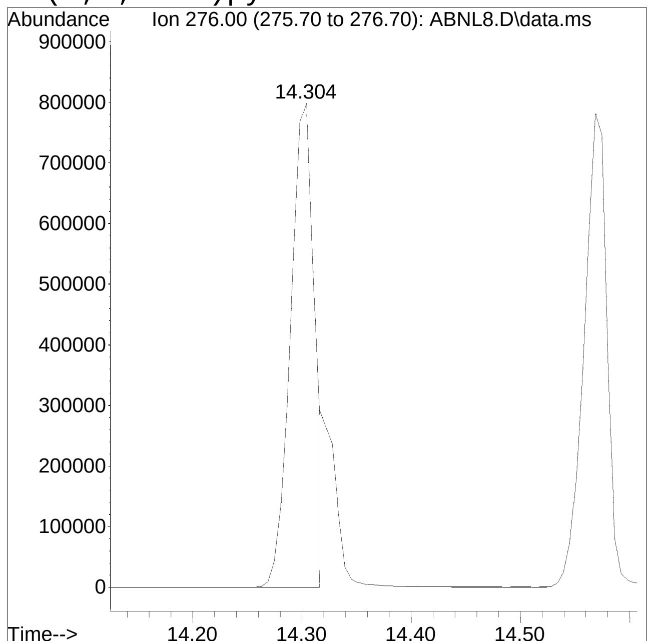
Original Peak Response = 1215625 Manual Peak Response = 1144121 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL8.D                      Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  2:10 pm           Instrument  : SV112
Sample      : IL3,32,,ABNL25 Lot# 11426 Quant Date  : 3/13/2025  8:24 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 1462319   Manual Peak Response = 1208954 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL7.D
Acq On : 13 Mar 2025 02:32 pm
Operator : SV112:ljg
Sample : IL4,32,,ABNL10 Lot# 11427
Misc : WG2040627
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 14 10:50:26 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

```
        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
  1) IS1_1,4-Dichlorobenzen...   4.834  152     23332     4.000 ug/ml  # 0.00
    Standard Area 1 = 23356                 Recovery   =   99.90%
 35) IS1_Naphthalene-d8          6.063  136     87526     4.000 ug/ml    0.00
    Standard Area 1 = 87070                 Recovery   =  100.52%
 63) IS1_Acenaphthene-d10        7.769  164     56206     4.000 ug/ml    0.00
    Standard Area 1 = 56356                 Recovery   =   99.73%
 88) IS1_Phenanthrene-d10        9.198  188    124185     4.000 ug/ml  # 0.00
    Standard Area 1 = 122535                 Recovery   =  101.35%
104) IS1_Chrysene-d12           11.834  240    144298     4.000 ug/ml  # 0.00
    Standard Area 1 = 141005                 Recovery   =  102.34%
113) IS1_Perylene-d12           13.298  264    154754     4.000 ug/ml    0.00
    Standard Area 1 = 153196                 Recovery   =  101.02%

 System Monitoring Compounds
  4) 2-Fluorophenol              3.563  112     63635    10.077 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  503.85%#
  7) Phenol-d6                   4.504   99     79736    10.123 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  506.15%#
 19) Nitrobenzene-d5             5.369   82     75678    10.174 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   = 1017.40%#
 46) 2-Fluorobiphenyl            7.134  172    192675     9.613 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  961.30%#
 79) 2,4,6-Tribromophenol        8.528  330     34847    10.273 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  513.65%#
 96) 4-Terphenyl-d14            10.769  244    314176     9.674 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  967.40%#

 Target Compounds                                                   Qvalue
  2) n-Nitrosodimethylamine      2.205   74      42432     10.461 ug/ml     89
  3) Pyridine                    2.240   79      74100     10.454 ug/ml     90
  5) Aniline                     4.510   93     109588     10.613 ug/ml#    50
  6) 2-Chlorophenol              4.628  128      70843      9.737 ug/ml     98
  8) Phenol                      4.516   94      93438     10.063 ug/ml#    43
  9) Bis(2-chloroethyl)ether     4.593   93      65371      9.725 ug/ml     99
 10) 1,3-Dichlorobenzene         4.775  146      82899      9.650 ug/ml     97
 11) 1,4-Dichlorobenzene         4.846  146      84389      9.487 ug/ml     96
 12) 1,2-Dichlorobenzene         4.993  146      79662      9.337 ug/ml     96
 13) Benzyl alcohol              4.981   79      56820     10.020 ug/ml     95
 14) Bis(2-chloroisopropyl)...   5.128   45      94547      9.685 ug/ml#    81
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL7.D
Acq On : 13 Mar 2025 02:32 pm
Operator : SV112:ljg
Sample : IL4,32,,ABNL10 Lot# 11427
Misc : WG2040627
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 14 10:50:26 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	5.104	108	61757	10.033	ug/ml	98
16) Hexachloroethane	5.322	117	31728	9.700	ug/ml#	61
17) n-Nitrosodi-n-propylamine	5.246	70	51999	9.857	ug/ml	96
18) 3-Methylphenol/4-Methy...	5.257	108	66933	9.816	ug/ml	96
20) Nitrobenzene	5.387	77	76712	10.102	ug/ml	97
21) Isophorone	5.628	82	143250	10.212	ug/ml	99
22) 2-Nitrophenol	5.704	139	37192	10.747	ug/ml	98
23) 2,4-Dimethylphenol	5.769	107	74529	10.327	ug/ml	98
24) Bis(2-chloroethoxy)met...	5.857	93	91810	9.740	ug/ml	99
25) 2,4-Dichlorophenol	5.940	162	69395	10.485	ug/ml	94
26) 1,2,4-Trichlorobenzene	6.022	180	79857	9.511	ug/ml	96
36) Naphthalene	6.087	128	216174	9.636	ug/ml	100
37) Benzoic Acid	5.851	105	46745	8.719	ug/ml	96
38) 4-Chloroaniline	6.151	65	27940	9.988	ug/ml	96
39) Hexachlorobutadiene	6.234	225	53339	9.329	ug/ml	99
40) p-Chloro-m-cresol	6.640	107	65933	10.503	ug/ml	95
41) 2-Methylnaphthalene	6.763	142	134251	9.612	ug/ml	96
42) 1-Methylnaphthalene	6.857	115	52183	9.782	ug/ml	97
43) Hexachlorocyclopentadiene	6.934	237	68415	9.934	ug/ml	99
44) 2,4,6-Trichlorophenol	7.046	196	58515	9.905	ug/ml	98
45) 2,4,5-Trichlorophenol	7.075	196	65647	11.001	ug/ml	98
47) 2-Chloronaphthalene	7.228	162	157857	9.646	ug/ml	93
48) 2-Nitroaniline	7.334	138	49755	11.268	ug/ml	95
49) 1,4-Dinitrobenzene	7.463	168	25038	10.356	ug/ml	91
50) 1,3-Dinitrobenzene	7.540	168	29216	10.867	ug/ml	89
51) Dimethyl phthalate	7.534	163	203903	9.712	ug/ml	100
52) Acenaphthylene	7.628	152	263934	9.944	ug/ml	98
53) 2,6-Dinitrotoluene	7.581	165	42235	10.995	ug/ml	94
54) 1,2-Dinitrobenzene	7.622	168	19061	10.698	ug/ml#	1
64) 3-Nitroaniline	7.734	138	46528	10.728	ug/ml	96
65) Acenaphthene	7.798	154	144088	9.563	ug/ml	96
66) 2,4-Dinitrophenol	7.834	184	25903	9.292	ug/ml	86
67) Dibenzofuran	7.969	168	242444	9.355	ug/ml	93
68) 2,4-Dinitrotoluene	7.963	165	61671	10.925	ug/ml	90
69) 4-Nitrophenol	7.910	65	36679	11.380	ug/ml	97
70) 2,3,5,6-Tetrachlorophenol	8.051	232	60381	10.957	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	8.093	232	60281	10.731	ug/ml	97
72) Diethyl phthalate	8.222	149	207949	9.886	ug/ml	96
73) Fluorene	8.298	166	196515	9.652	ug/ml	97
74) 4-Chlorophenyl phenyl ...	8.310	204	101835	9.481	ug/ml#	81

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL7.D
Acq On : 13 Mar 2025 02:32 pm
Operator : SV112:ljg
Sample : IL4,32,,ABNL10 Lot# 11427
Misc : WG2040627
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 14 10:50:26 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 4-Nitroaniline	8.322	138	50431	11.157	ug/ml	97
76) 4,6-Dinitro-o-cresol	8.357	198	36328	11.058	ug/ml#	78
77) NDPA/DPA	8.428	169	167435	10.008	ug/ml	93
78) Azobenzene	8.463	77	190413	10.124	ug/ml	93
80) 4-Bromophenyl phenyl e...	8.781	248	66051	9.446	ug/ml#	81
81) Hexachlorobenzene	8.834	284	78146	9.498	ug/ml#	85
82) Pentachlorophenol	9.022	266	50158	11.332	ug/ml	100
89) Phenanthrene	9.216	178	312401	9.226	ug/ml	98
90) Anthracene	9.269	178	315541	9.709	ug/ml	98
91) Carbazole	9.434	167	300958	9.958	ug/ml	98
92) Di-n-butylphthalate	9.810	149	356330	10.526	ug/ml	99
93) Fluoranthene	10.369	202	391893M3	9.867	ug/ml	
94) Benzidine	10.516	184	241592	11.242	ug/ml#	97
95) Pyrene	10.587	202	411606	9.928	ug/ml	98
97) Butyl benzyl phthalate	11.292	149	157379	10.689	ug/ml#	97
105) Benzo(a)anthracene	11.822	228	440710	9.816	ug/ml	98
106) 3,3'-Dichlorobenzidine	11.816	252	169376	10.514	ug/ml#	97
107) Chrysene	11.857	228	405521	9.427	ug/ml	98
108) Bis(2-ethylhexyl)phtha...	11.928	149	248936	11.093	ug/ml#	100
109) Di-n-octylphthalate	12.604	149	406311	11.336	ug/ml	100
110) Benzo(b)fluoranthene	12.928	252	425192	9.807	ug/ml#	96
111) Benzo(k)fluoranthene	12.957	252	437738M3	10.109	ug/ml	
112) Benzo(a)pyrene	13.239	252	408170	10.038	ug/ml#	94
114) Indeno(1,2,3-cd)pyrene	14.292	276	428362M6	10.104	ug/mL	
115) Dibenzo(a,h)anthracene	14.316	278	416393	10.123	ug/ml#	91
116) Benzo(ghi)perylene	14.557	276	410682	9.660	ug/ml#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL7.D
Acq On    : 13 Mar 2025  02:32 pm
Operator  : SV112:ljg
Sample    : IL4,32,,ABNL10 Lot# 11427
Misc      : WG2040627
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Mar 14 10:50:26 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

Sub List     : ABNical - ABN ical sublistTical\ABNL6.D•
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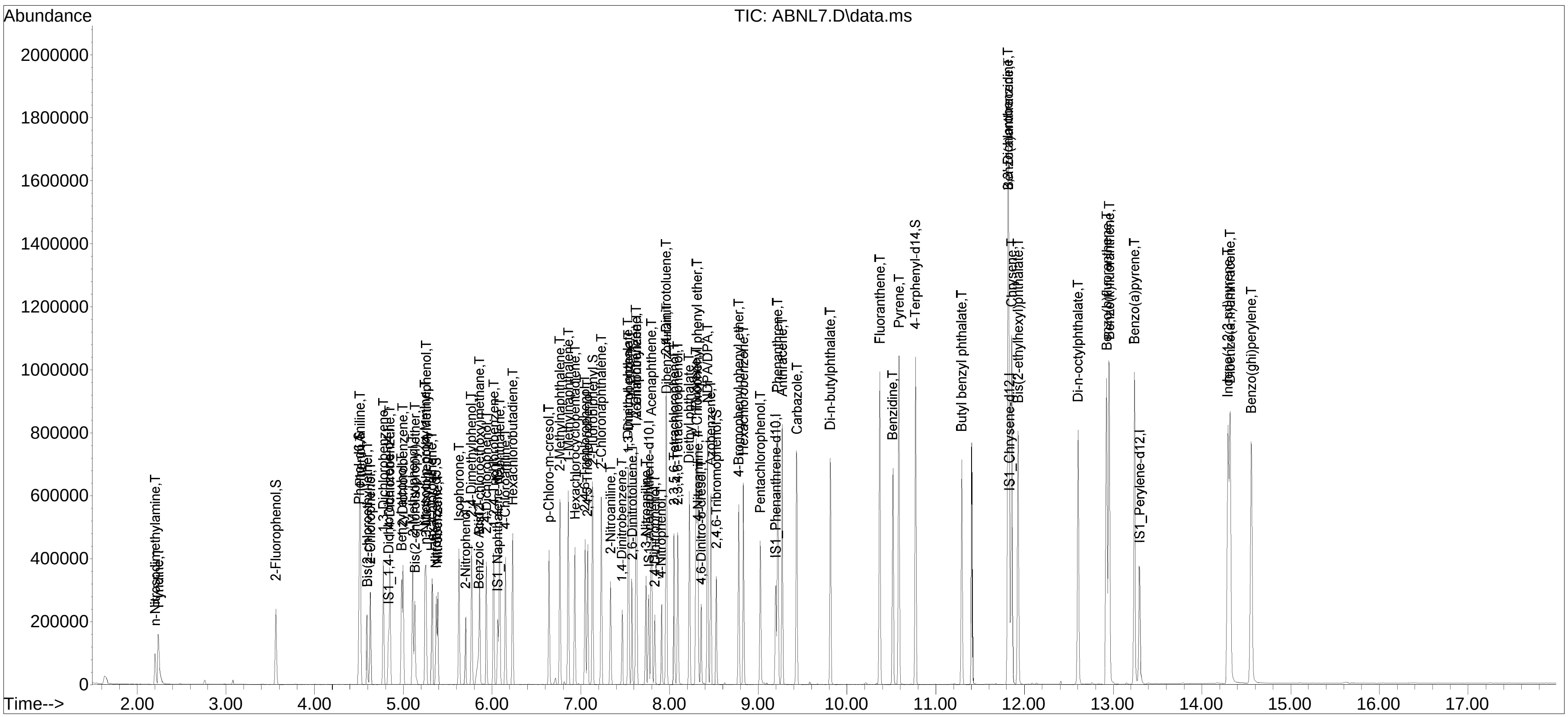
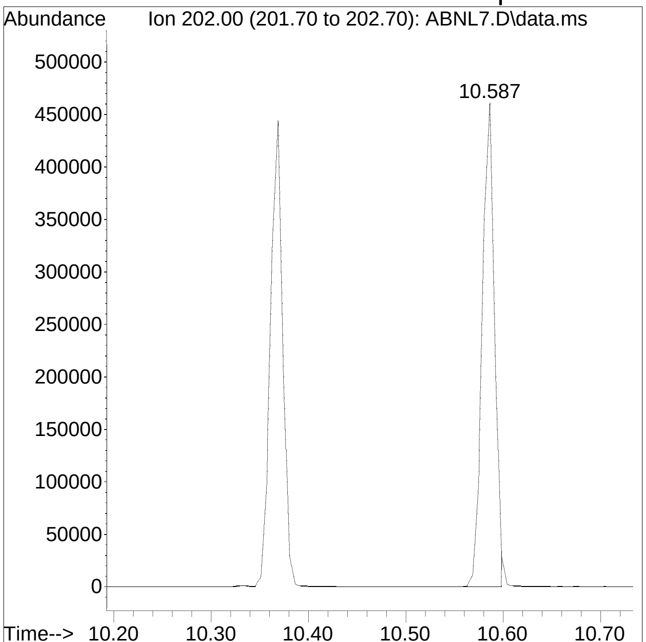
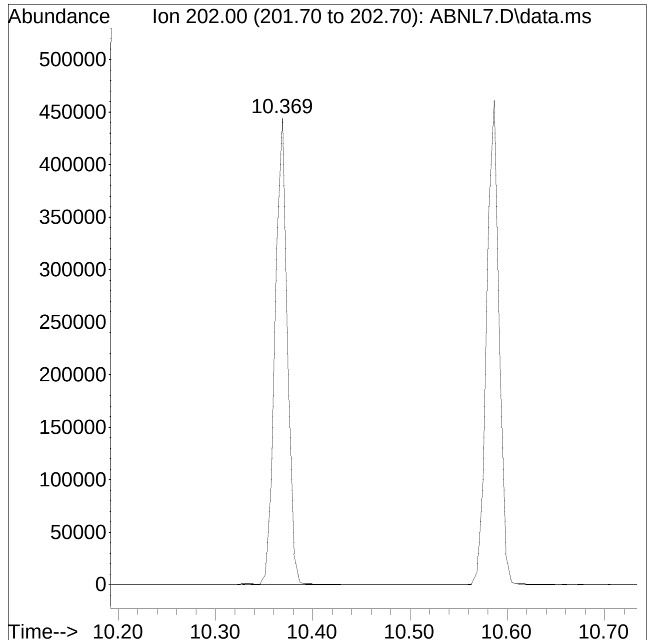


Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL7.D                   Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  2:32 pm        Instrument  : SV112
Sample       : IL4,32,,ABNL10 Lot# 11427 Quant Date  : 3/13/2025  8:24 pm
```

Compound #93: Fluoranthene





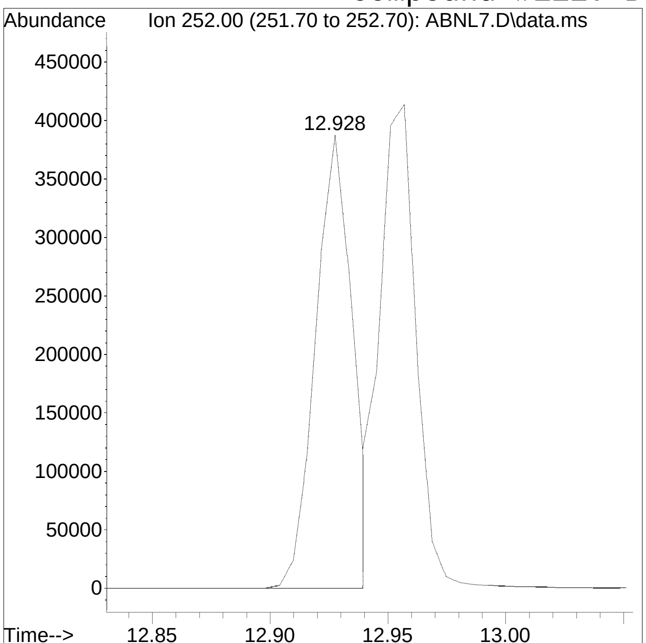
Original Peak Response = 409189   Manual Peak Response = 391893 M3

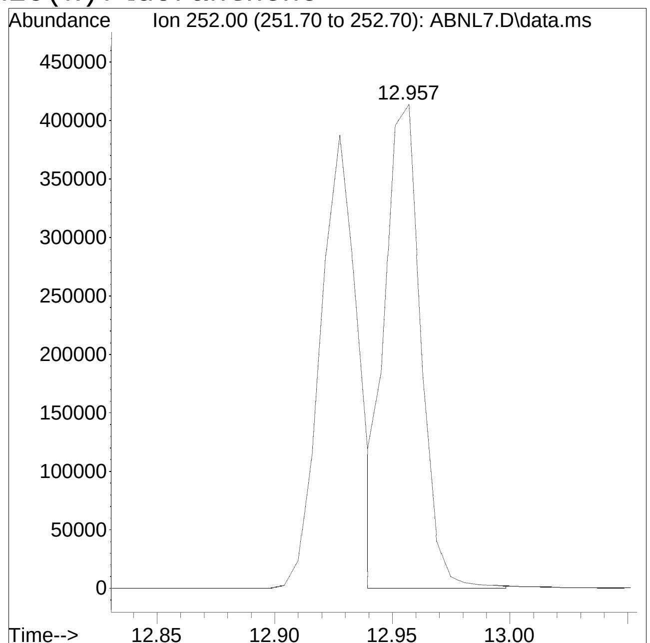
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL7.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 2:32 pm Instrument : SV112
Sample : IL4,32,,ABNL10 Lot# 11427 Quant Date : 3/13/2025 8:24 pm

Compound #111: Benzo(k)fluoranthene



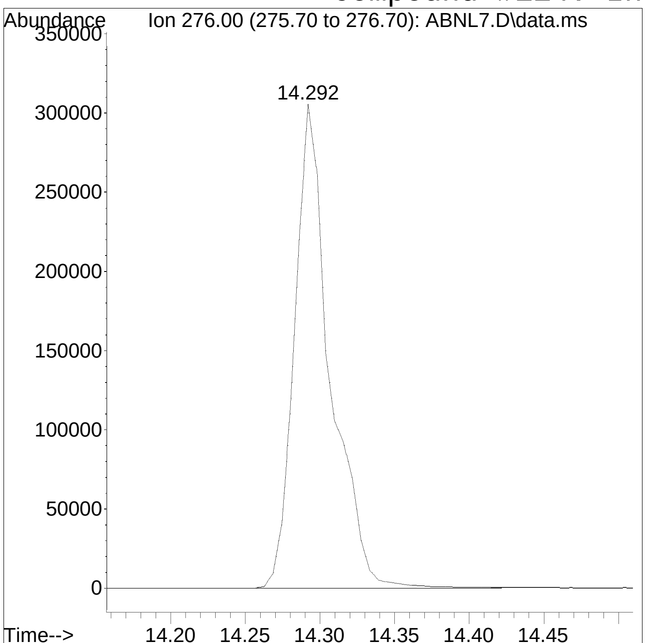


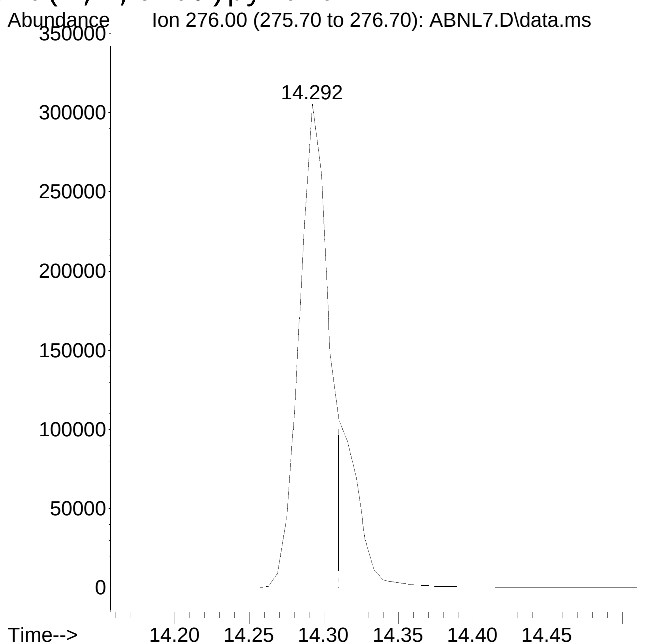
Original Peak Response = 425192 Manual Peak Response = 437738 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL7.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 2:32 pm Instrument : SV112
Sample : IL4,32,,ABNL10 Lot# 11427 Quant Date : 3/13/2025 8:24 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 509446 Manual Peak Response = 428362 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL6.D
Acq On    : 13 Mar 2025  02:55 pm
Operator  : SV112:ljg
Sample    : IL5,32,,ABNL5 Lot# 11428
Misc      : WG2040627
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 14 10:49:55 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                    R.T. QIon  Response  Conc Units Dev(Min)
-------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.834  152     23356     4.000 ug/ml    0.00
   Standard Area 1 = 23356                 Recovery   =  100.00%
35) IS1_Naphthalene-d8          6.064  136     87070     4.000 ug/ml    0.00
   Standard Area 1 = 87070                 Recovery   =  100.00%
63) IS1_Acenaphthene-d10        7.769  164     56356     4.000 ug/ml    0.00
   Standard Area 1 = 56356                 Recovery   =  100.00%
88) IS1_Phenanthrene-d10        9.193  188    122535     4.000 ug/ml  # 0.00
   Standard Area 1 = 122535                 Recovery   =  100.00%
104) IS1_Chrysene-d12          11.828  240    141005     4.000 ug/ml  # 0.00
   Standard Area 1 = 141005                 Recovery   =  100.00%
113) IS1_Perylene-d12          13.293  264    153196     4.000 ug/ml    0.00
   Standard Area 1 = 153196                 Recovery   =  100.00%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.564  112     31608     5.000 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  250.00%#
 7) Phenol-d6                   4.499   99     39204     4.972 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  248.60%#
19) Nitrobenzene-d5             5.369   82     37331     5.013 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  501.30%#
46) 2-Fluorobiphenyl            7.128  172     95860     4.808 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  480.80%#
79) 2,4,6-Tribromophenol        8.528  330     16132     4.743 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =  237.15%#
96) 4-Terphenyl-d14            10.769  244    157693     4.921 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =  492.10%#

 Target Compounds                                                    Qvalue
 2) n-Nitrosodimethylamine      2.205   74      20800      5.123 ug/ml     87
 3) Pyridine                    2.240   79      35027      4.937 ug/ml     91
 5) Aniline                     4.511   93      54627      5.285 ug/ml#    49
 6) 2-Chlorophenol              4.628  128      35561      4.883 ug/ml     97
 8) Phenol                      4.511   94      46283      4.979 ug/ml#    41
 9) Bis(2-chloroethyl)ether     4.593   93      33773      5.019 ug/ml     99
10) 1,3-Dichlorobenzene         4.775  146      41249      4.797 ug/ml     97
11) 1,4-Dichlorobenzene         4.846  146      42948      4.823 ug/ml     96
12) 1,2-Dichlorobenzene         4.993  146      40474      4.739 ug/ml     96
13) Benzyl alcohol              4.975   79      27921      4.919 ug/ml     97
14) Bis(2-chloroisopropyl)...   5.128   45      47105      4.820 ug/ml#    80
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL6.D
Acq On : 13 Mar 2025 02:55 pm
Operator : SV112:ljg
Sample : IL5,32,,ABNL5 Lot# 11428
Misc : WG2040627
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 14 10:49:55 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	5.105	108	30930	5.020 ug/ml	97
16) Hexachloroethane	5.322	117	15650	4.780 ug/ml#	59
17) n-Nitrosodi-n-propylamine	5.246	70	26086	4.940 ug/ml	93
18) 3-Methylphenol/4-Methy...	5.258	108	32821	4.808 ug/ml	96
20) Nitrobenzene	5.387	77	37728	4.963 ug/ml	98
21) Isophorone	5.628	82	70232	5.001 ug/ml	99
22) 2-Nitrophenol	5.705	139	17738	5.120 ug/ml	98
23) 2,4-Dimethylphenol	5.769	107	36106	4.998 ug/ml	98
24) Bis(2-chloroethoxy)met...	5.858	93	44729	4.740 ug/ml	99
25) 2,4-Dichlorophenol	5.940	162	33510	5.058 ug/ml#	92
26) 1,2,4-Trichlorobenzene	6.016	180	39767	4.731 ug/ml	94
36) Naphthalene	6.087	128	107551	4.819 ug/ml	99
37) Benzoic Acid	5.834	105	20922	4.248 ug/ml	98
38) 4-Chloroaniline	6.152	65	14223	5.111 ug/ml	98
39) Hexachlorobutadiene	6.234	225	27062	4.758 ug/ml	99
40) p-Chloro-m-cresol	6.640	107	31184	4.994 ug/ml	94
41) 2-Methylnaphthalene	6.763	142	66884	4.814 ug/ml	96
42) 1-Methylnaphthalene	6.858	115	25780	4.858 ug/ml	97
43) Hexachlorocyclopentadiene	6.934	237	33837	4.939 ug/ml	98
44) 2,4,6-Trichlorophenol	7.046	196	28851	4.909 ug/ml	100
45) 2,4,5-Trichlorophenol	7.075	196	30682	5.169 ug/ml	95
47) 2-Chloronaphthalene	7.228	162	79443	4.880 ug/ml	94
48) 2-Nitroaniline	7.334	138	22659	5.158 ug/ml	98
49) 1,4-Dinitrobenzene	7.463	168	11886	4.942 ug/ml	91
50) 1,3-Dinitrobenzene	7.540	168	13622	5.093 ug/ml	91
51) Dimethyl phthalate	7.534	163	101509	4.860 ug/ml	99
52) Acenaphthylene	7.628	152	131993	4.999 ug/ml	98
53) 2,6-Dinitrotoluene	7.575	165	20815	5.447 ug/ml	91
54) 1,2-Dinitrobenzene	7.622	168	8994	5.074 ug/ml#	1
64) 3-Nitroaniline	7.734	138	22062	5.073 ug/ml	97
65) Acenaphthene	7.799	154	71313	4.720 ug/ml	96
66) 2,4-Dinitrophenol	7.834	184	11815	4.342 ug/ml#	85
67) Dibenzofuran	7.963	168	122041	4.696 ug/ml	91
68) 2,4-Dinitrotoluene	7.963	165	28891	5.104 ug/ml	92
69) 4-Nitrophenol	7.910	65	17385	5.380 ug/ml	97
70) 2,3,5,6-Tetrachlorophenol	8.052	232	28874	5.226 ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	8.093	232	28456	5.052 ug/ml	98
72) Diethyl phthalate	8.222	149	102294	4.850 ug/ml	97
73) Fluorene	8.299	166	97297	4.766 ug/ml	97
74) 4-Chlorophenyl phenyl ...	8.310	204	50109	4.653 ug/ml#	82

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL6.D
Acq On : 13 Mar 2025 02:55 pm
Operator : SV112:ljg
Sample : IL5,32,,ABNL5 Lot# 11428
Misc : WG2040627
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 14 10:49:55 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 4-Nitroaniline	8.316	138	23432	5.170	ug/ml	99
76) 4,6-Dinitro-o-cresol	8.352	198	17019	5.166	ug/ml#	78
77) NDPA/DPA	8.428	169	82995	4.948	ug/ml	95
78) Azobenzene	8.463	77	94814	5.028	ug/ml	94
80) 4-Bromophenyl phenyl e...	8.781	248	32381	4.618	ug/ml#	82
81) Hexachlorobenzene	8.834	284	37461	4.541	ug/ml#	86
82) Pentachlorophenol	9.022	266	23470	5.288	ug/ml	95
89) Phenanthrene	9.216	178	154934	4.637	ug/ml	99
90) Anthracene	9.263	178	156847	4.891	ug/ml	98
91) Carbazole	9.428	167	147228	4.937	ug/ml	98
92) Di-n-butylphthalate	9.810	149	170560	5.106	ug/ml	100
93) Fluoranthene	10.369	202	192175M3	4.904	ug/ml	
94) Benzidine	10.516	184	112655	5.313	ug/ml#	97
95) Pyrene	10.581	202	205646	5.027	ug/ml	99
97) Butyl benzyl phthalate	11.293	149	71214	4.902	ug/ml	97
105) Benzo(a)anthracene	11.822	228	213926	4.876	ug/ml	98
106) 3,3'-Dichlorobenzidine	11.816	252	80229	5.096	ug/ml#	97
107) Chrysene	11.857	228	201101	4.784	ug/ml	99
108) Bis(2-ethylhexyl)phtha...	11.928	149	115659	5.274	ug/ml#	99
109) Di-n-octylphthalate	12.604	149	186266	5.318	ug/ml	100
110) Benzo(b)fluoranthene	12.922	252	226809	5.353	ug/ml#	95
111) Benzo(k)fluoranthene	12.951	252	201924M3	4.772	ug/ml	
112) Benzo(a)pyrene	13.240	252	200610	5.049	ug/ml#	95
114) Indeno(1,2,3-cd)pyrene	14.292	276	196970M6	4.693	ug/mL	
115) Dibenzo(a,h)anthracene	14.316	278	202217	4.966	ug/ml#	92
116) Benzo(ghi)perylene	14.557	276	202057	4.801	ug/ml#	92

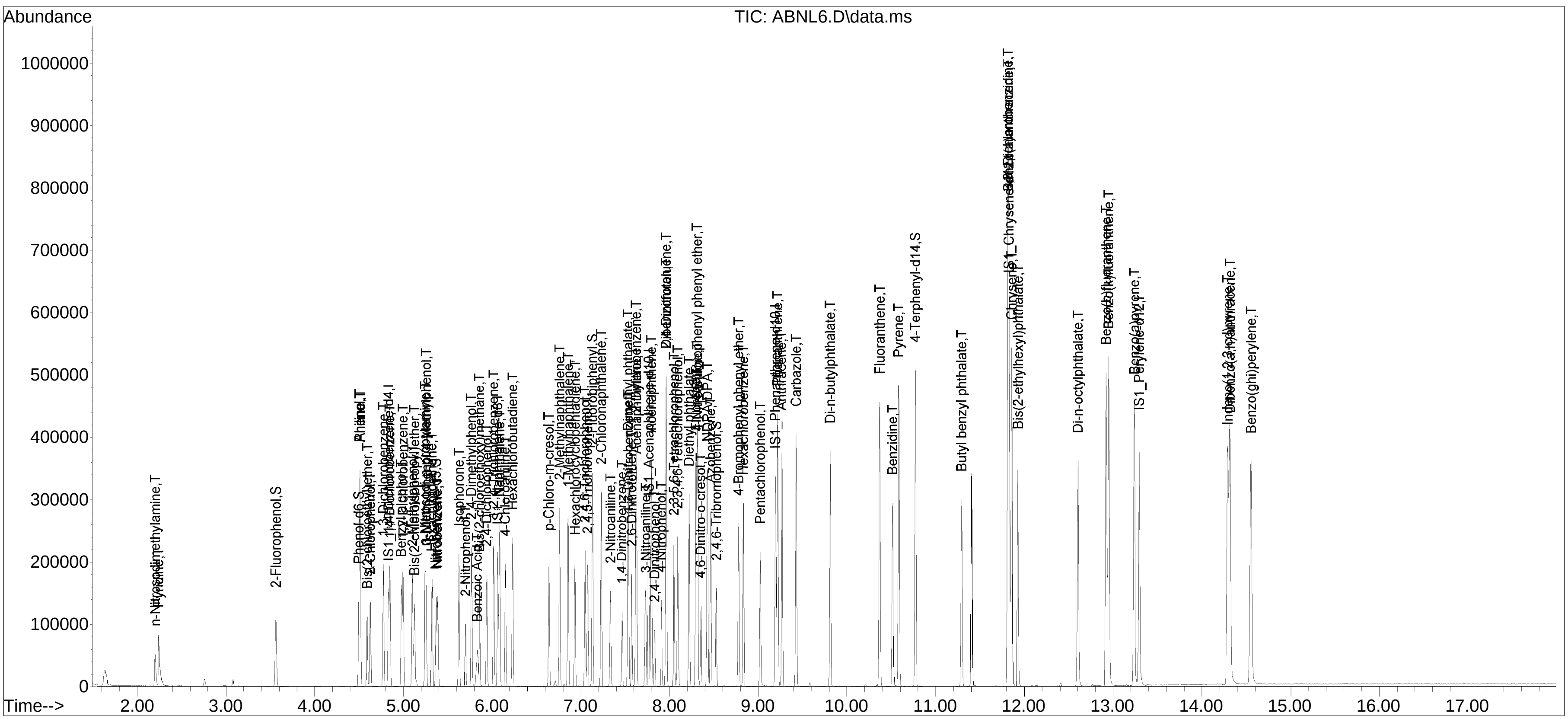
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL6.D
Acq On : 13 Mar 2025 02:55 pm
Operator : SV112:ljg
Sample : IL5,32,,ABNL5 Lot# 11428
Misc : WG2040627
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 14 10:49:55 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

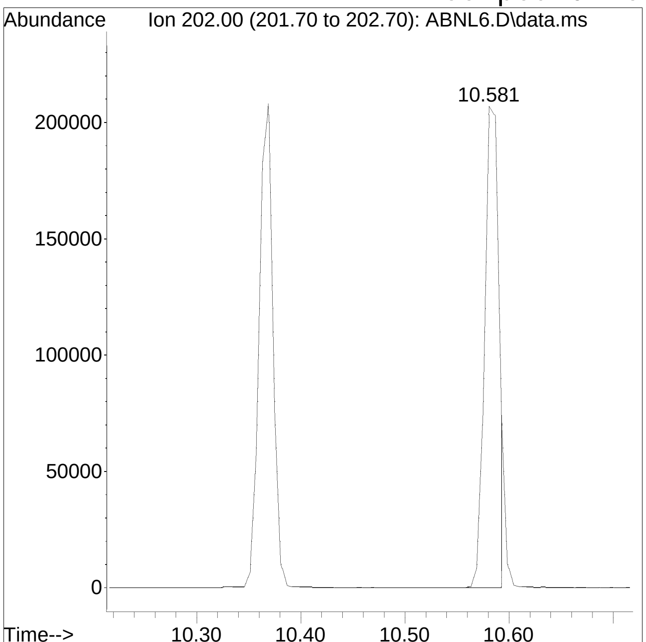
Sub List : ABNical - ABN ical sublistTical\ABNL6.D•

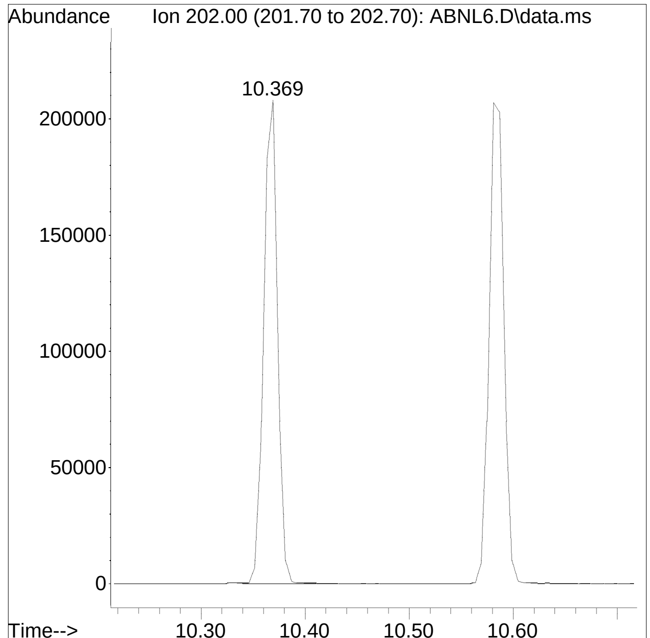


Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL6.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 2:55 pm Instrument : SV112
Sample : IL5,32,,ABNL5 Lot# 11428 Quant Date : 3/13/2025 8:24 pm

Compound #93: Fluoranthene





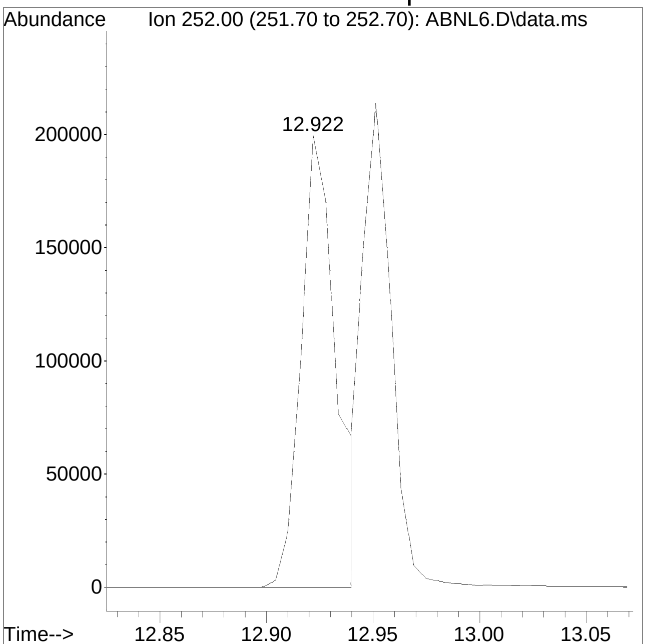
Original Peak Response = 200841 Manual Peak Response = 192175 M3

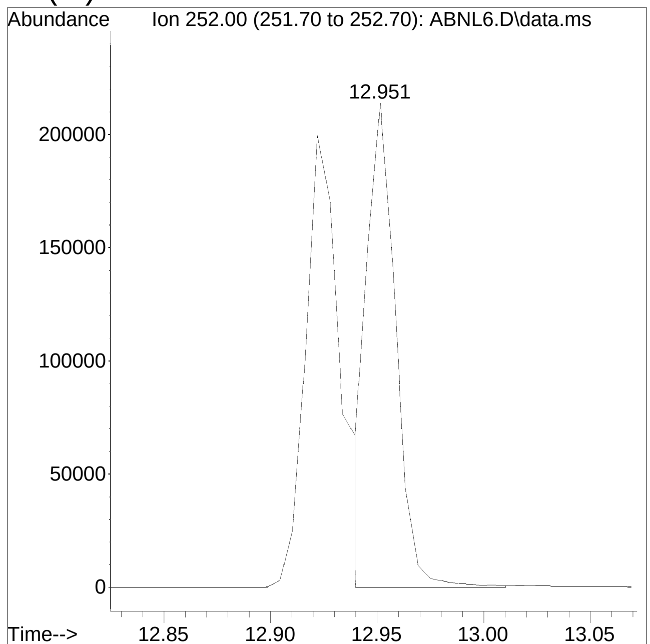
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL6.D                     Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  2:55 pm          Instrument  : SV112
Sample      : IL5,32,,ABNL5 Lot# 11428  Quant Date  : 3/13/2025  8:24 pm
```

Compound #111: Benzo(k)fluoranthene





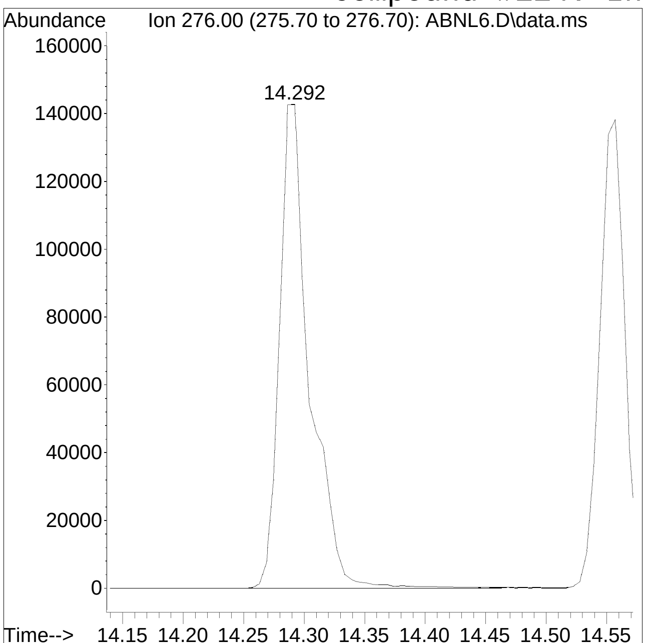
Original Peak Response = 226809   Manual Peak Response = 201924 M3

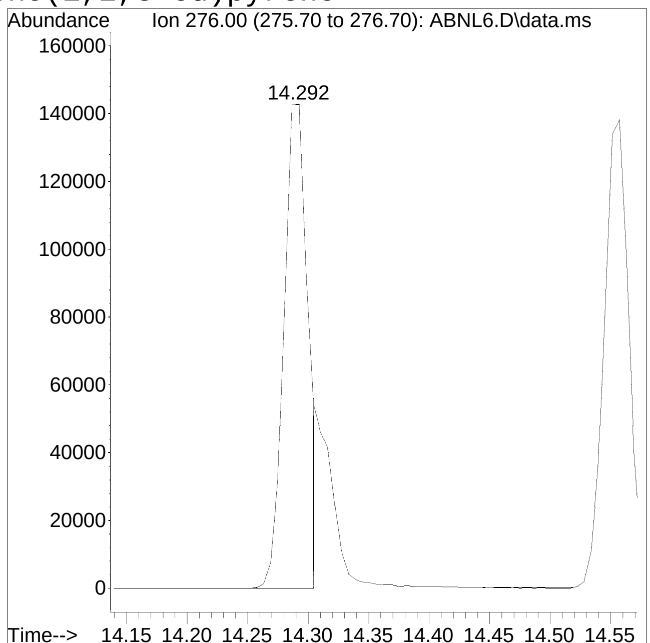
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL6.D                   Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  2:55 pm        Instrument  : SV112
Sample      : IL5,32,,ABNL5 Lot# 11428  Quant Date  : 3/13/2025  8:24 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 247168   Manual Peak Response = 196970 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL5.D
Acq On : 13 Mar 2025 03:18 pm
Operator : SV112:ljg
Sample : IL6,32,,ABNL2.5 Lot# 11429
Misc : WG2040627
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 14 10:49:22 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.834	152	23421	4.000 ug/ml	0.00
Standard Area 1 = 23356			Recovery =	100.28%	
35) IS1_Naphthalene-d8	6.063	136	87040	4.000 ug/ml	0.00
Standard Area 1 = 87070			Recovery =	99.97%	
63) IS1_Acenaphthene-d10	7.769	164	56079	4.000 ug/ml	0.00
Standard Area 1 = 56356			Recovery =	99.51%	
88) IS1_Phenanthrene-d10	9.193	188	120240	4.000 ug/ml	# 0.00
Standard Area 1 = 122535			Recovery =	98.13%	
104) IS1_Chrysene-d12	11.828	240	140263	4.000 ug/ml	# 0.00
Standard Area 1 = 141005			Recovery =	99.47%	
113) IS1_Perylene-d12	13.292	264	150576	4.000 ug/ml	0.00
Standard Area 1 = 153196			Recovery =	98.29%	
System Monitoring Compounds					
4) 2-Fluorophenol	3.563	112	14435	2.277 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	113.85%#	
7) Phenol-d6	4.499	99	17399	2.200 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	110.00%#	
19) Nitrobenzene-d5	5.369	82	16555	2.217 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	221.70%#	
46) 2-Fluorobiphenyl	7.128	172	44699	2.243 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	224.30%#	
79) 2,4,6-Tribromophenol	8.528	330	7415	2.191 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	109.55%	
96) 4-Terphenyl-d14	10.769	244	71746	2.282 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	228.20%#	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) n-Nitrosodimethylamine	2.205	74	10037	2.465 ug/ml#	90
3) Pyridine	2.246	79	17885M1	2.514 ug/ml	
5) Aniline	4.511	93	23860	2.302 ug/ml#	44
6) 2-Chlorophenol	4.628	128	15906	2.178 ug/ml	99
8) Phenol	4.511	94	20697	2.221 ug/ml#	39
9) Bis(2-chloroethyl)ether	4.593	93	15339	2.273 ug/ml	99
10) 1,3-Dichlorobenzene	4.775	146	19676	2.282 ug/ml	96
11) 1,4-Dichlorobenzene	4.846	146	19605	2.196 ug/ml	96
12) 1,2-Dichlorobenzene	4.993	146	19120	2.233 ug/ml	95
13) Benzyl alcohol	4.975	79	12658	2.224 ug/ml	97
14) Bis(2-chloroisopropyl)...	5.128	45	21224	2.166 ug/ml#	78

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL5.D
Acq On : 13 Mar 2025 03:18 pm
Operator : SV112:ljg
Sample : IL6,32,,ABNL2.5 Lot# 11429
Misc : WG2040627
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 14 10:49:22 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	5.105	108	13479	2.181 ug/ml	93
16) Hexachloroethane	5.322	117	7312	2.227 ug/ml#	60
17) n-Nitrosodi-n-propylamine	5.246	70	11354	2.144 ug/ml	95
18) 3-Methylphenol/4-Methy...	5.258	108	14886	2.175 ug/ml	96
20) Nitrobenzene	5.387	77	17217	2.259 ug/ml	97
21) Isophorone	5.628	82	31696	2.251 ug/ml	100
22) 2-Nitrophenol	5.705	139	8008	2.305 ug/ml	97
23) 2,4-Dimethylphenol	5.769	107	16342	2.256 ug/ml	99
24) Bis(2-chloroethoxy)met...	5.857	93	20847	2.203 ug/ml	98
25) 2,4-Dichlorophenol	5.940	162	15231	2.292 ug/ml#	94
26) 1,2,4-Trichlorobenzene	6.016	180	19140	2.271 ug/ml	96
36) Naphthalene	6.087	128	50463	2.262 ug/ml	99
37) Benzoic Acid	5.822	105	7554	1.912 ug/ml	96
38) 4-Chloroaniline	6.152	65	6526	2.346 ug/ml	94
39) Hexachlorobutadiene	6.234	225	12685	2.231 ug/ml	97
40) p-Chloro-m-cresol	6.640	107	14009	2.244 ug/ml	98
41) 2-Methylnaphthalene	6.763	142	30603	2.203 ug/ml	96
42) 1-Methylnaphthalene	6.857	115	11634	2.193 ug/ml	95
43) Hexachlorocyclopentadiene	6.934	237	15067	2.200 ug/ml	100
44) 2,4,6-Trichlorophenol	7.046	196	12421	2.114 ug/ml	99
45) 2,4,5-Trichlorophenol	7.075	196	13594	2.291 ug/ml	97
47) 2-Chloronaphthalene	7.228	162	37045	2.276 ug/ml	93
48) 2-Nitroaniline	7.334	138	10222	2.328 ug/ml	94
49) 1,4-Dinitrobenzene	7.463	168	4721	1.964 ug/ml	99
50) 1,3-Dinitrobenzene	7.540	168	5625	2.104 ug/ml	94
51) Dimethyl phthalate	7.534	163	45579	2.183 ug/ml	100
52) Acenaphthylene	7.628	152	59719	2.262 ug/ml	99
53) 2,6-Dinitrotoluene	7.575	165	8691	2.275 ug/ml	96
54) 1,2-Dinitrobenzene	7.616	168	3933	2.220 ug/ml#	1
64) 3-Nitroaniline	7.734	138	9460	2.186 ug/ml	97
65) Acenaphthene	7.799	154	33180	2.207 ug/ml	96
66) 2,4-Dinitrophenol	7.834	184	4919	1.939 ug/ml#	86
67) Dibenzofuran	7.963	168	56550	2.187 ug/ml	92
68) 2,4-Dinitrotoluene	7.963	165	12564	2.231 ug/ml	91
69) 4-Nitrophenol	7.910	65	7756	2.412 ug/ml	96
70) 2,3,5,6-Tetrachlorophenol	8.051	232	12734	2.316 ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	8.093	232	12508	2.232 ug/ml	98
72) Diethyl phthalate	8.222	149	46209	2.202 ug/ml	96
73) Fluorene	8.299	166	43846	2.158 ug/ml	96
74) 4-Chlorophenyl phenyl ...	8.310	204	23365	2.180 ug/ml#	81

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL5.D
Acq On   : 13 Mar 2025 03:18 pm
Operator : SV112:ljg
Sample   : IL6,32,,ABNL2.5 Lot# 11429
Misc   : WG2040627
ALS Vial : 5   Sample Multiplier: 1

Quant Time: Mar 14 10:49:22 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List   : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	8.316	138	10393	2.305	ug/ml	96
76)	4,6-Dinitro-o-cresol	8.351	198	7439	2.269	ug/ml#	77
77)	NDPA/DPA	8.428	169	38382	2.299	ug/ml	95
78)	Azobenzene	8.463	77	42550	2.267	ug/ml	94
80)	4-Bromophenyl phenyl e...	8.781	248	14757	2.115	ug/ml#	82
81)	Hexachlorobenzene	8.834	284	17796	2.168	ug/ml#	86
82)	Pentachlorophenol	9.022	266	9658	2.187	ug/ml	99
89)	Phenanthrene	9.216	178	72358	2.207	ug/ml	100
90)	Anthracene	9.263	178	71912	2.285	ug/ml	99
91)	Carbazole	9.428	167	66982	2.289	ug/ml	98
92)	Di-n-butylphthalate	9.810	149	75700	2.310	ug/ml	99
93)	Fluoranthene	10.369	202	87422M3	2.273	ug/ml	
94)	Benzidine	10.516	184	46522	2.236	ug/ml#	97
95)	Pyrene	10.587	202	94335	2.350	ug/ml	100
97)	Butyl benzyl phthalate	11.292	149	31175	2.187	ug/ml	96
105)	Benzo(a)anthracene	11.822	228	96284	2.206	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.816	252	34164	2.182	ug/ml#	97
107)	Chrysene	11.857	228	93937	2.246	ug/ml	100
108)	Bis(2-ethylhexyl)phtha...	11.928	149	48917	2.242	ug/ml#	100
109)	Di-n-octylphthalate	12.604	149	77151	2.214	ug/ml	100
110)	Benzo(b)fluoranthene	12.922	252	101027	2.397	ug/ml#	95
111)	Benzo(k)fluoranthene	12.951	252	90963M3	2.161	ug/ml	
112)	Benzo(a)pyrene	13.239	252	89884	2.274	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	14.286	276	88706M6	2.150	ug/mL	
115)	Dibenzo(a,h)anthracene	14.310	278	89579	2.238	ug/ml#	92
116)	Benzo(ghi)perylene	14.551	276	92122	2.227	ug/ml#	93

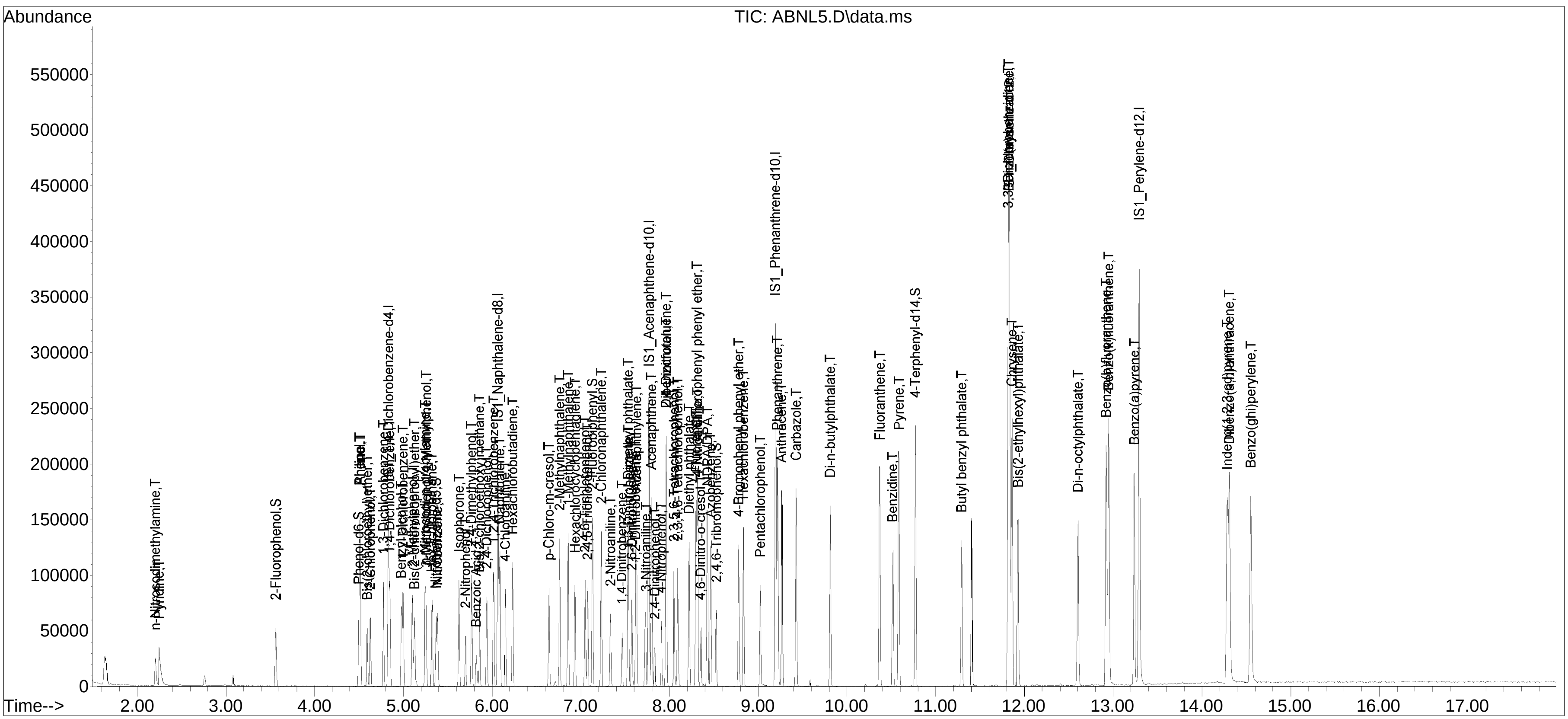
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL5.D
Acq On : 13 Mar 2025 03:18 pm
Operator : SV112:ljg
Sample : IL6,32,,ABNL2.5 Lot# 11429
Misc : WG2040627
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 14 10:49:22 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

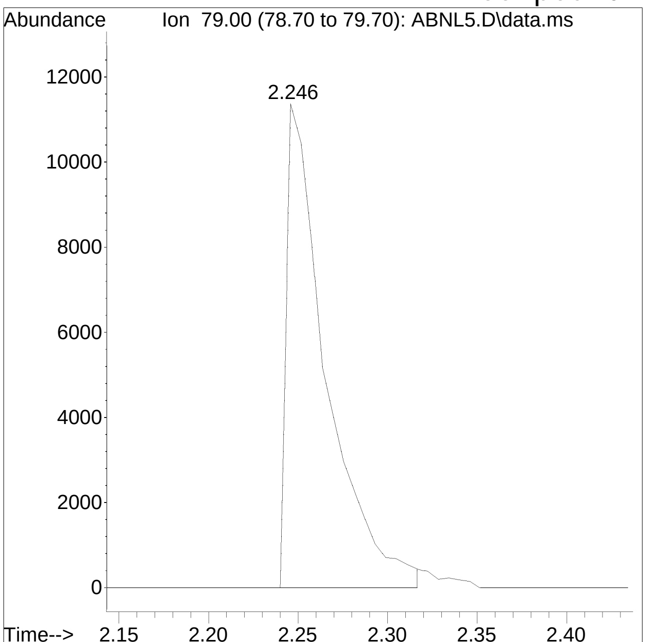
Sub List : ABNical - ABN ical sublistTical\ABNL6.D•

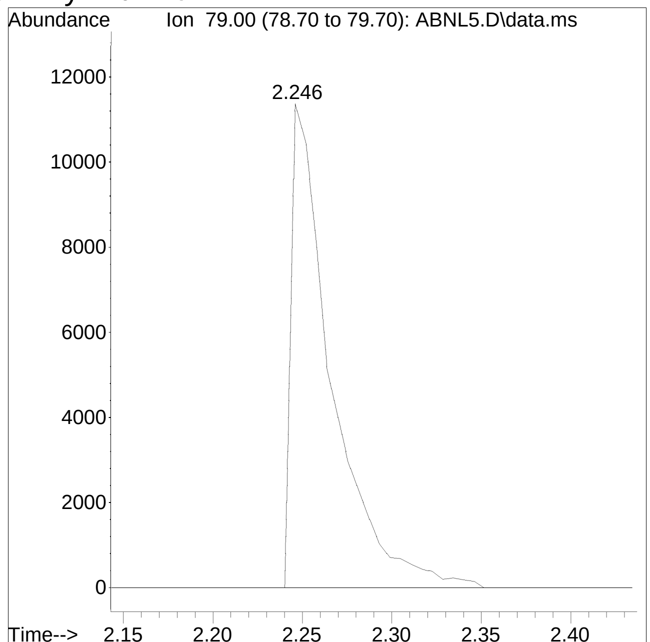


Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL5.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 3:18 pm Instrument : SV112
Sample : IL6,32,,ABNL2.5 Lot# 11429Quant Date : 3/13/2025 8:24 pm

Compound #3: Pyridine



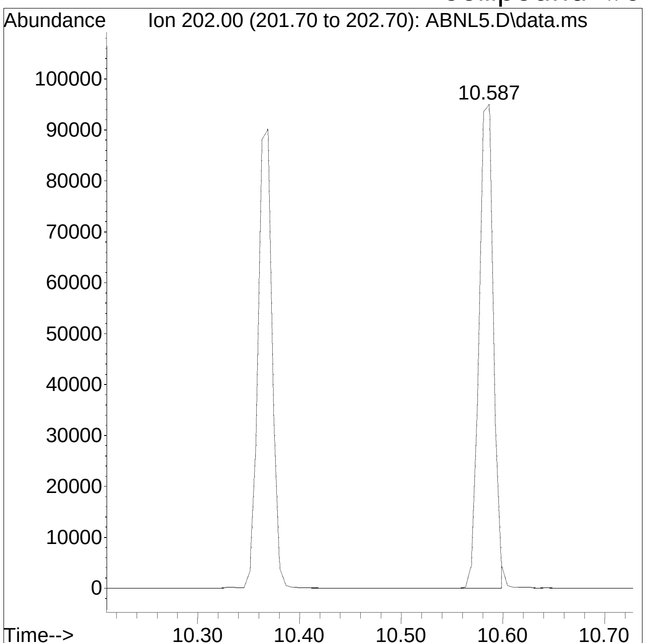


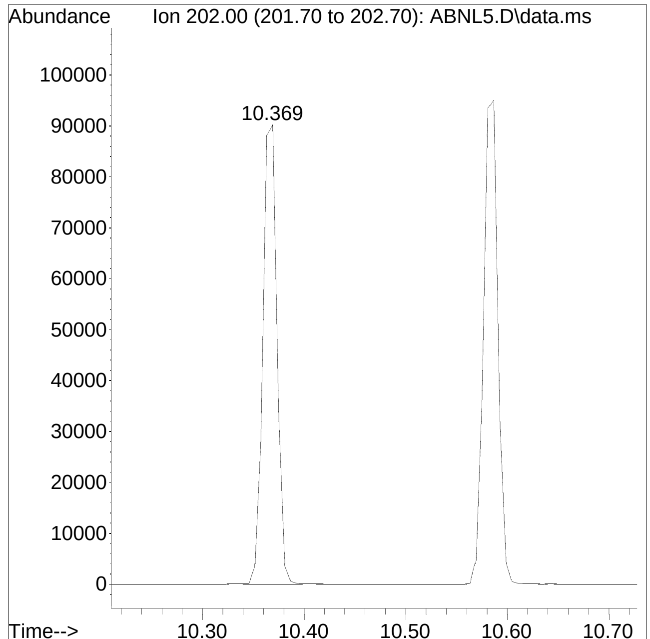
Original Peak Response = 17477 Manual Peak Response = 17885 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL5.D                   Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  3:18 pm        Instrument  : SV112
Sample       : IL6,32,,ABNL2.5 Lot# 11429Quant Date  : 3/13/2025  8:24 pm
```

Compound #93: Fluoranthene





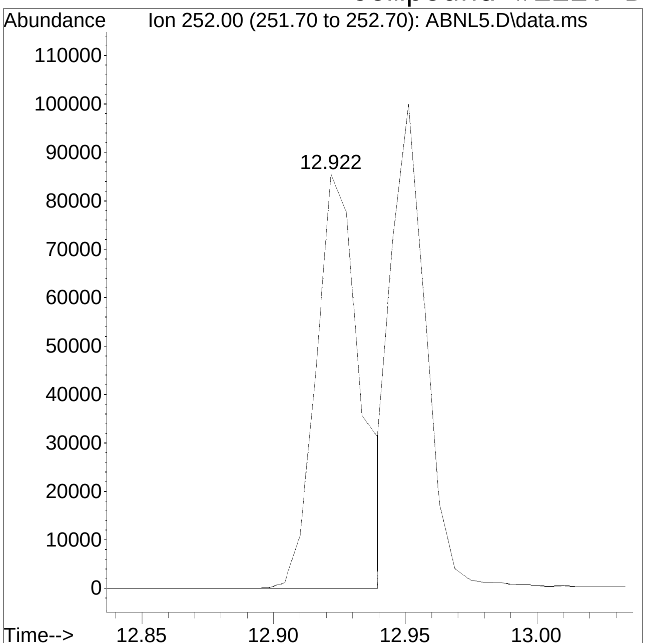
Original Peak Response = 93844   Manual Peak Response = 87422 M3

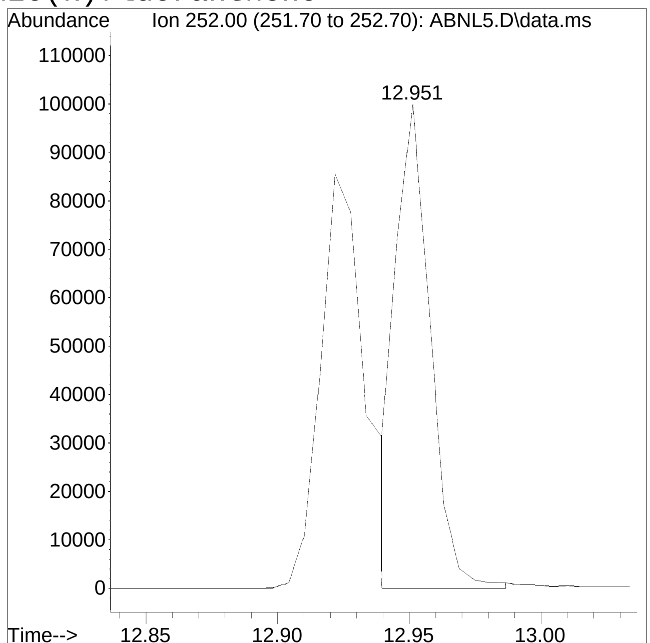
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL5.D                      Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  3:18 pm           Instrument  : SV112
Sample      : IL6,32,,ABNL2.5 Lot# 11429Quant Date  : 3/13/2025  8:24 pm
```

Compound #111: Benzo(k)fluoranthene



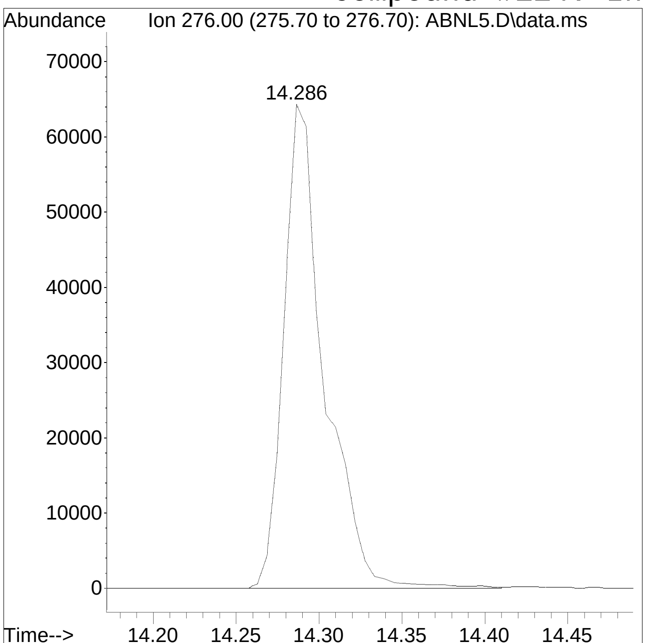


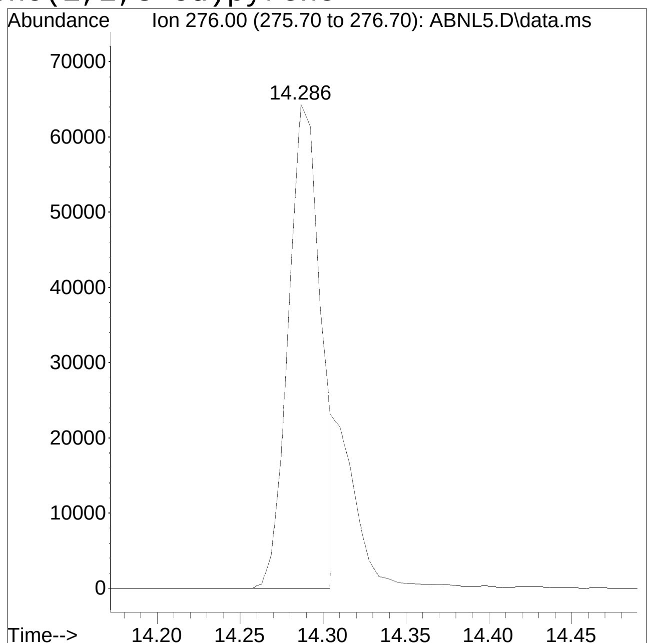
Original Peak Response = 101027   Manual Peak Response = 90963 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL5.D                  Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  3:18 pm       Instrument  : SV112
Sample      : IL6,32,,ABNL2.5 Lot# 11429Quant Date  : 3/13/2025  8:24 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 109301 Manual Peak Response = 88706 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL4.D
Acq On    : 13 Mar 2025  03:41 pm
Operator  : SV112:ljg
Sample    : IL7,32,,ABNL1 Lot# 11430
Misc      : WG2040627
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 14 10:48:51 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

       Compound                      R.T. QIon  Response  Conc Units Dev(Min)
 ----------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.834  152     22468     4.000 ug/ml    0.00
   Standard Area 1 = 23356                 Recovery   =   96.20%
35) IS1_Naphthalene-d8          6.063  136     84253     4.000 ug/ml    0.00
   Standard Area 1 = 87070                 Recovery   =   96.76%
63) IS1_Acenaphthene-d10        7.769  164     52040     4.000 ug/ml    0.00
   Standard Area 1 = 56356                 Recovery   =   92.34%
88) IS1_Phenanthrene-d10        9.193  188    112689     4.000 ug/ml  # 0.00
   Standard Area 1 = 122535                 Recovery   =   91.96%
104) IS1_Chrysene-d12          11.828  240    128110     4.000 ug/ml  # 0.00
   Standard Area 1 = 141005                 Recovery   =   90.85%
113) IS1_Perylene-d12          13.292  264    139314     4.000 ug/ml    0.00
   Standard Area 1 = 153196                 Recovery   =   90.94%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.563  112      6326     1.040 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   52.00%
 7) Phenol-d6                   4.499   99      7486     0.987 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   49.35%
19) Nitrobenzene-d5             5.369   82      7065     0.986 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   98.60%
46) 2-Fluorobiphenyl            7.128  172     19181     0.994 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   99.40%
79) 2,4,6-Tribromophenol        8.528  330      2956     0.941 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   47.05%
96) 4-Terphenyl-d14            10.769  244     29299     0.994 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   99.40%

 Target Compounds                                                   Qvalue
 2) n-Nitrosodimethylamine      2.205   74      4003      1.025 ug/ml#    80
 3) Pyridine                    2.258   79      6702M1    0.982 ug/ml
 5) Aniline                     4.510   93     10608      1.067 ug/ml#    51
 6) 2-Chlorophenol              4.628  128      7210      1.029 ug/ml     96
 8) Phenol                      4.510   94      9425      1.054 ug/ml#    48
 9) Bis(2-chloroethyl)ether     4.593   93      6416      0.991 ug/ml     97
10) 1,3-Dichlorobenzene         4.775  146      8643      1.045 ug/ml     97
11) 1,4-Dichlorobenzene         4.846  146      8754      1.022 ug/ml     97
12) 1,2-Dichlorobenzene         4.993  146      8665      1.055 ug/ml     97
13) Benzyl alcohol              4.975   79      5162      0.945 ug/ml     97
14) Bis(2-chloroisopropyl)...   5.128   45      9539      1.015 ug/ml#    81
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL4.D
Acq On : 13 Mar 2025 03:41 pm
Operator : SV112:ljg
Sample : IL7,32,,ABNL1 Lot# 11430
Misc : WG2040627
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 10:48:51 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	5.105	108	5865	0.989	ug/ml	97
16) Hexachloroethane	5.322	117	3261	1.035	ug/ml#	63
17) n-Nitrosodi-n-propylamine	5.246	70	4911	0.967	ug/ml#	83
18) 3-Methylphenol/4-Methy...	5.257	108	6409	0.976	ug/ml	94
20) Nitrobenzene	5.387	77	7330	1.002	ug/ml	96
21) Isophorone	5.628	82	13137	0.972	ug/ml	99
22) 2-Nitrophenol	5.705	139	3081	0.925	ug/ml	97
23) 2,4-Dimethylphenol	5.769	107	6673	0.960	ug/ml	98
24) Bis(2-chloroethoxy)met...	5.857	93	8852	0.975	ug/ml#	95
25) 2,4-Dichlorophenol	5.940	162	6286	0.986	ug/ml#	93
26) 1,2,4-Trichlorobenzene	6.016	180	8222	1.017	ug/ml	95
36) Naphthalene	6.087	128	22204	1.028	ug/ml	98
37) Benzoic Acid	5.816	105	2323	1.011	ug/ml	96
38) 4-Chloroaniline	6.152	65	2817	1.046	ug/ml	92
39) Hexachlorobutadiene	6.234	225	5435	0.987	ug/ml	95
40) p-Chloro-m-cresol	6.640	107	5627	0.931	ug/ml	97
41) 2-Methylnaphthalene	6.763	142	13099	0.974	ug/ml	96
42) 1-Methylnaphthalene	6.857	115	4830	0.941	ug/ml	92
43) Hexachlorocyclopentadiene	6.934	237	6358	0.959	ug/ml	99
44) 2,4,6-Trichlorophenol	7.046	196	4952	0.871	ug/ml	96
45) 2,4,5-Trichlorophenol	7.075	196	5724	0.996	ug/ml	98
47) 2-Chloronaphthalene	7.228	162	15788	1.002	ug/ml	95
48) 2-Nitroaniline	7.334	138	4045	0.952	ug/ml	99
49) 1,4-Dinitrobenzene	7.463	168	1905	0.819	ug/ml	97
50) 1,3-Dinitrobenzene	7.540	168	2191	0.847	ug/ml	93
51) Dimethyl phthalate	7.534	163	19305	0.955	ug/ml#	98
52) Acenaphthylene	7.628	152	24786	0.970	ug/ml	100
53) 2,6-Dinitrotoluene	7.575	165	3481	0.941	ug/ml	98
54) 1,2-Dinitrobenzene	7.622	168	1720	1.003	ug/ml#	1
64) 3-Nitroaniline	7.728	138	3845	0.958	ug/ml#	93
65) Acenaphthene	7.799	154	13415	0.962	ug/ml	92
66) 2,4-Dinitrophenol	7.834	184	1684	0.848	ug/ml	91
67) Dibenzofuran	7.963	168	23358	0.973	ug/ml	94
68) 2,4-Dinitrotoluene	7.963	165	4829	0.924	ug/ml	95
69) 4-Nitrophenol	7.910	65	2796	0.937	ug/ml	99
70) 2,3,5,6-Tetrachlorophenol	8.051	232	4743	0.930	ug/ml	97
71) 2,3,4,6-Tetrachlorophenol	8.093	232	5001	0.961	ug/ml	98
72) Diethyl phthalate	8.222	149	18829	0.967	ug/ml	96
73) Fluorene	8.299	166	18436	0.978	ug/ml	98
74) 4-Chlorophenyl phenyl ...	8.310	204	9959	1.001	ug/ml#	82

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL4.D
Acq On : 13 Mar 2025 03:41 pm
Operator : SV112:ljg
Sample : IL7,32,,ABNL1 Lot# 11430
Misc : WG2040627
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 10:48:51 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
75) 4-Nitroaniline	8.316	138	4141	0.989 ug/ml	96
76) 4,6-Dinitro-o-cresol	8.351	198	2844	0.935 ug/ml#	73
77) NDPA/DPA	8.428	169	15621	1.008 ug/ml	95
78) Azobenzene	8.463	77	17583	1.010 ug/ml	93
80) 4-Bromophenyl phenyl e...	8.781	248	6127	0.946 ug/ml#	83
81) Hexachlorobenzene	8.834	284	7493	0.984 ug/ml#	87
82) Pentachlorophenol	9.022	266	3571	0.871 ug/ml	97
89) Phenanthrene	9.216	178	30197	0.983 ug/ml	99
90) Anthracene	9.263	178	29124	0.988 ug/ml	98
91) Carbazole	9.428	167	27660	1.009 ug/ml	99
92) Di-n-butylphthalate	9.810	149	29411	0.957 ug/ml	99
93) Fluoranthene	10.369	202	35891M3	0.996 ug/ml	
94) Benzidine	10.516	184	16865	0.865 ug/ml#	94
95) Pyrene	10.587	202	38141	1.014 ug/ml	100
97) Butyl benzyl phthalate	11.292	149	12030	0.900 ug/ml	96
105) Benzo(a)anthracene	11.822	228	40558	1.018 ug/ml	99
106) 3,3'-Dichlorobenzidine	11.816	252	12996	0.909 ug/ml#	95
107) Chrysene	11.857	228	39683	1.039 ug/ml	99
108) Bis(2-ethylhexyl)phtha...	11.928	149	17684	0.888 ug/ml#	99
109) Di-n-octylphthalate	12.604	149	29083	0.914 ug/ml#	99
110) Benzo(b)fluoranthene	12.922	252	37022	0.962 ug/ml#	95
111) Benzo(k)fluoranthene	12.951	252	41100M3	1.069 ug/ml	
112) Benzo(a)pyrene	13.239	252	36429	1.009 ug/ml#	95
114) Indeno(1,2,3-cd)pyrene	14.286	276	36436M6	0.955 ug/mL	
115) Dibenzo(a,h)anthracene	14.310	278	36632	0.989 ug/ml#	93
116) Benzo(ghi)perylene	14.551	276	38289	1.000 ug/ml#	93

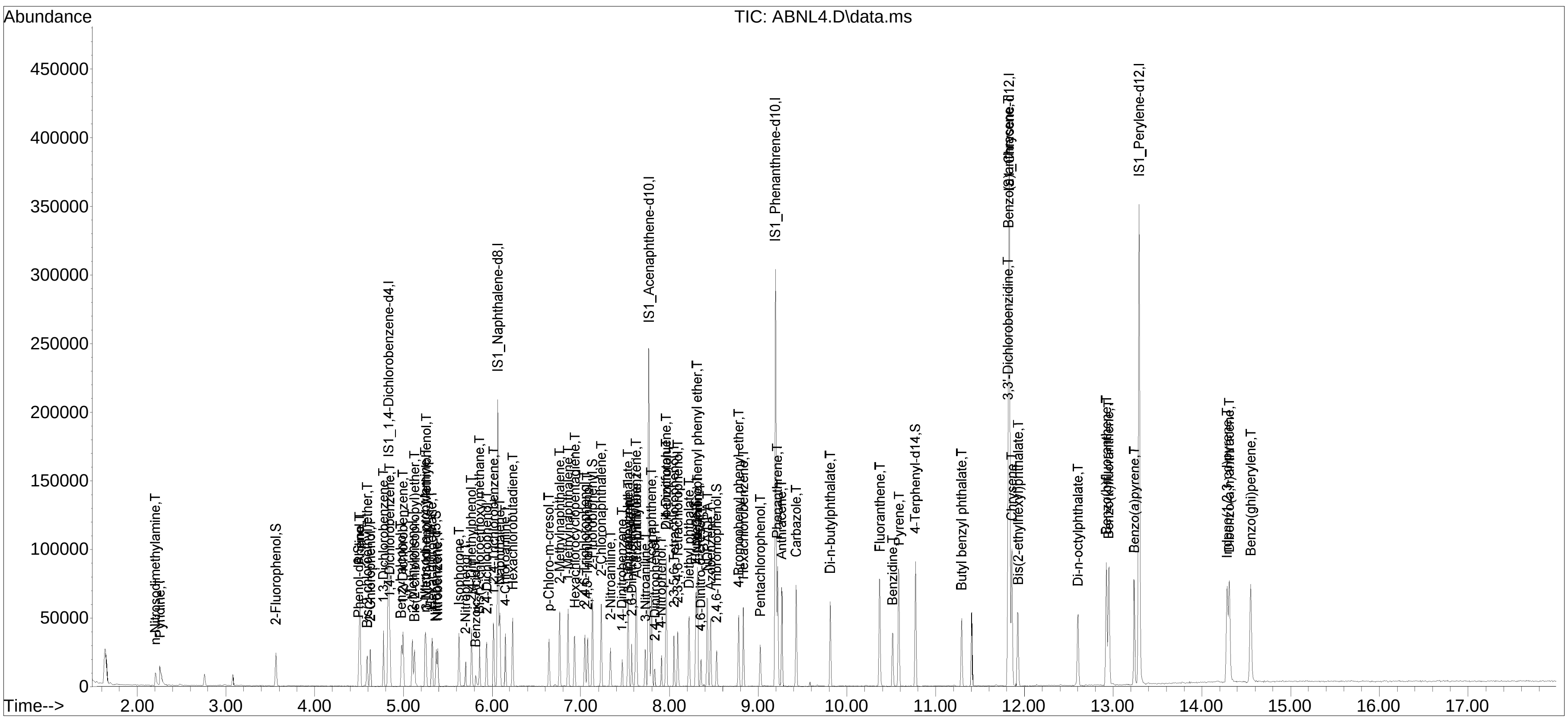
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL4.D
Acq On : 13 Mar 2025 03:41 pm
Operator : SV112:ljg
Sample : IL7,32,,ABNL1 Lot# 11430
Misc : WG2040627
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 10:48:51 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistTical\ABNL6.D•

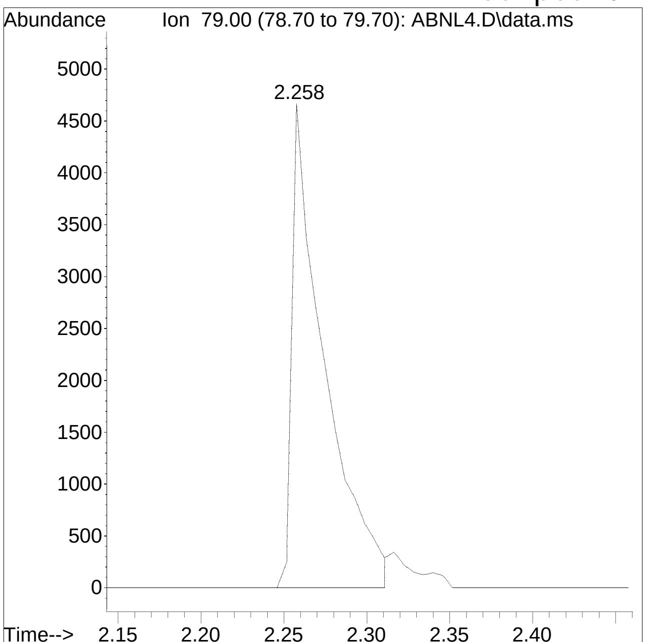


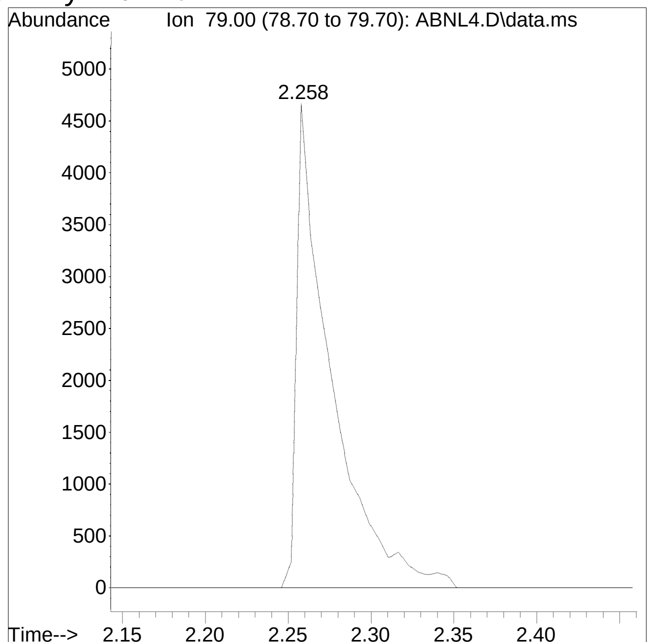
FS250313SV112RVT.m Fri Mar 14 11:24:12 2025 Page: 4

Manual Integration Report

Data Path	: I:\8270\SV112\250313RVTica	QMethod	: FS250313SV112RVT.m
Data File	: ABNL4.D	Operator	: SV112:ljg
Date Inj'd	: 3/13/2025 3:41 pm	Instrument	: SV112
Sample	: IL7,32,,ABNL1 Lot# 11430	Quant Date	: 3/13/2025 8:24 pm

Compound #3: Pyridine





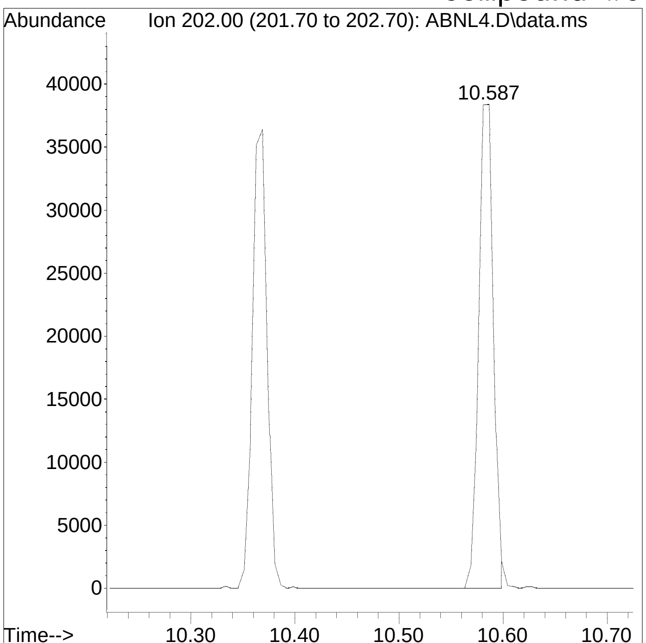
Original Peak Response = 6311 Manual Peak Response = 6702 M1

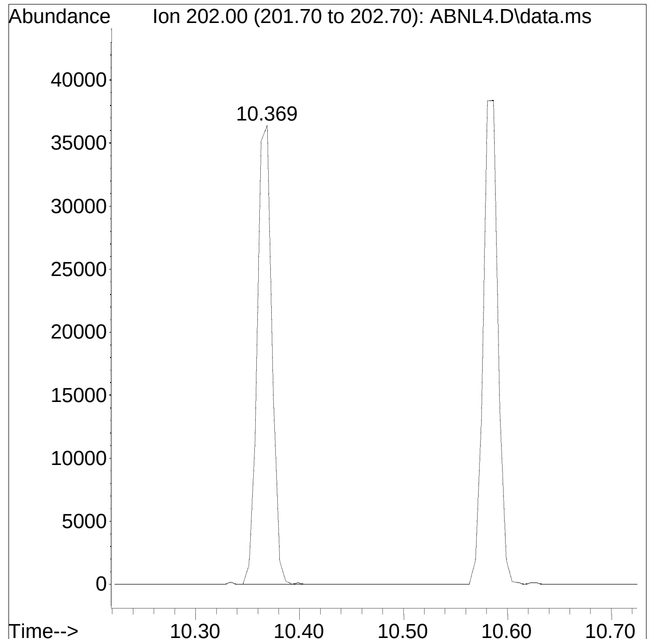
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL4.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 3:41 pm Instrument : SV112
Sample : IL7,32,,ABNL1 Lot# 11430 Quant Date : 3/13/2025 8:24 pm

Compound #93: Fluoranthene



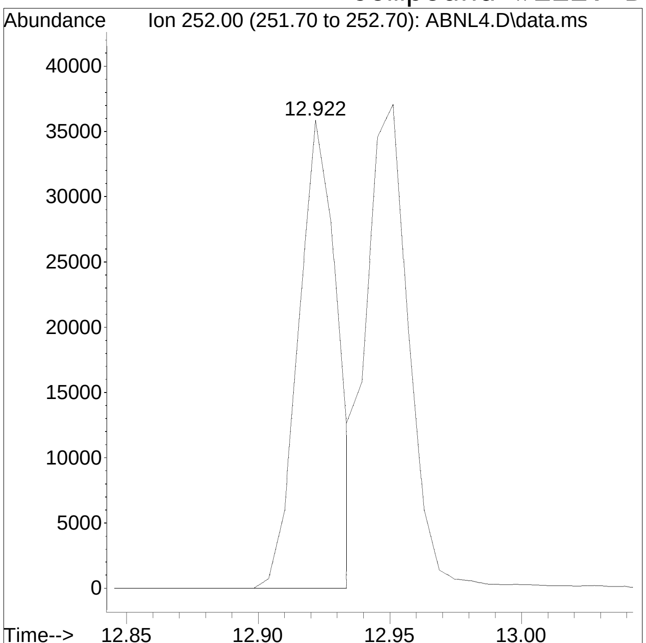


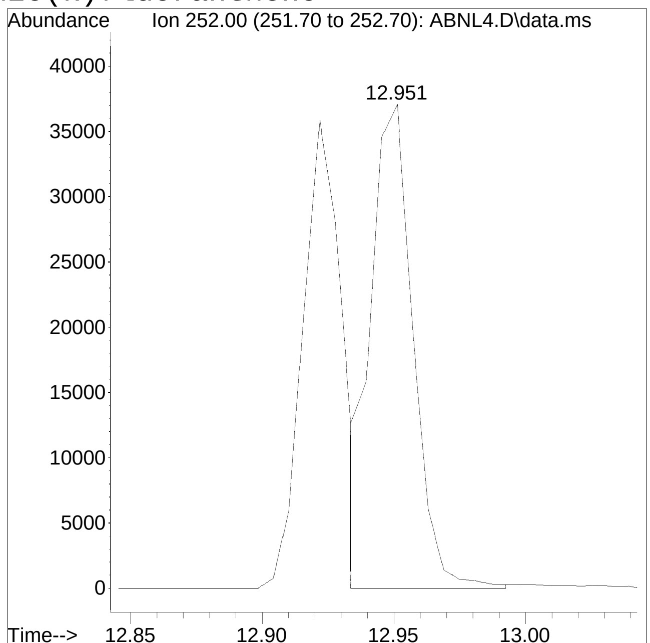
Original Peak Response = 38017 Manual Peak Response = 35891 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL4.D                     Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  3:41 pm          Instrument  : SV112
Sample       : IL7,32,,ABNL1 Lot# 11430    Quant Date  : 3/13/2025  8:24 pm
```

Compound #111: Benzo(k)fluoranthene





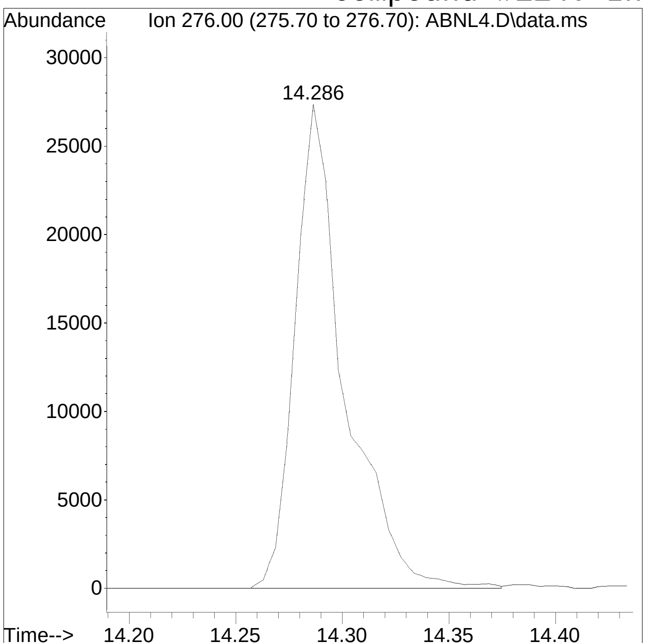
Original Peak Response = 37022   Manual Peak Response = 41100 M3

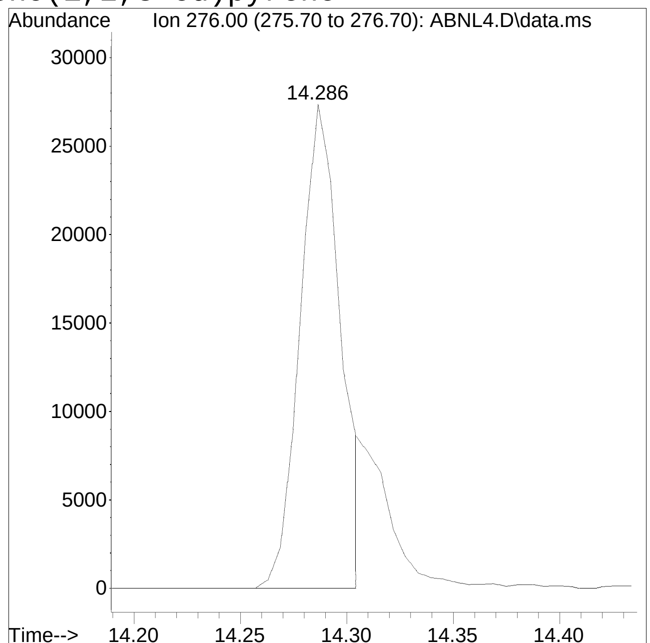
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL4.D                        Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  3:41 pm             Instrument  : SV112
Sample       : IL7,32,,ABNL1 Lot# 11430  Quant Date  : 3/13/2025  8:24 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 44332   Manual Peak Response = 36436 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL3.D
Acq On    : 13 Mar 2025  04:03 pm
Operator  : SV112:ljg
Sample    : IL8,32,,ABNL0.5 Lot# 11431
Misc      : WG2040627
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Mar 14 10:48:22 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                      R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.834  152     22808     4.000 ug/ml    0.00
   Standard Area 1 = 23356                Recovery   =   97.65%
35) IS1_Naphthalene-d8          6.063  136     80161     4.000 ug/ml    0.00
   Standard Area 1 = 87070                Recovery   =   92.07%
63) IS1_Acenaphthene-d10        7.763  164     49659     4.000 ug/ml    0.00
   Standard Area 1 = 56356                Recovery   =   88.12%
88) IS1_Phenanthrene-d10        9.193  188    106751     4.000 ug/ml  # 0.00
   Standard Area 1 = 122535                Recovery   =   87.12%
104) IS1_Chrysene-d12          11.828  240    119389     4.000 ug/ml  # 0.00
   Standard Area 1 = 141005                Recovery   =   84.67%
113) IS1_Perylene-d12          13.292  264    132722     4.000 ug/ml    0.00
   Standard Area 1 = 153196                Recovery   =   86.64%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.563  112      3236     0.524 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   26.20%
 7) Phenol-d6                   4.499   99      3818     0.496 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   24.80%
19) Nitrobenzene-d5             5.369   82      3654     0.503 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   50.30%
46) 2-Fluorobiphenyl            7.128  172     10239     0.558 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   55.80%
79) 2,4,6-Tribromophenol        8.528  330      1504     0.502 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   25.10%
96) 4-Terphenyl-d14            10.769  244     15183     0.544 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   54.40%

 Target Compounds                                                 Qvalue
 2) n-Nitrosodimethylamine      2.211   74       2172      0.548 ug/ml#    88
 3) Pyridine                    2.263   79       3734M1    0.539 ug/ml
 5) Aniline                     4.510   93       5260      0.521 ug/ml#    48
 6) 2-Chlorophenol              4.628  128       3623      0.509 ug/ml     96
 8) Phenol                      4.510   94       4621      0.509 ug/ml#    44
 9) Bis(2-chloroethyl)ether     4.593   93       3550      0.540 ug/ml     94
10) 1,3-Dichlorobenzene         4.775  146       4687      0.558 ug/ml     95
11) 1,4-Dichlorobenzene         4.852  146       4716      0.542 ug/ml     97
12) 1,2-Dichlorobenzene         4.993  146       4464      0.535 ug/ml     92
13) Benzyl alcohol              4.981   79       2598      0.469 ug/ml     93
14) Bis(2-chloroisopropyl)...   5.128   45       4975      0.521 ug/ml#    80
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL3.D
Acq On   : 13 Mar 2025 04:03 pm
Operator : SV112:ljg
Sample   : IL8,32,,ABNL0.5 Lot# 11431
Misc   : WG2040627
ALS Vial : 7   Sample Multiplier: 1

Quant Time: Mar 14 10:48:22 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List   : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
15) 2-Methylphenol	5.104	108	2894	0.481 ug/ml	98
16) Hexachloroethane	5.322	117	1644	0.514 ug/ml#	66
17) n-Nitrosodi-n-propylamine	5.246	70	2540	0.493 ug/ml#	62
18) 3-Methylphenol/4-Methy...	5.257	108	3541	0.531 ug/ml#	94
20) Nitrobenzene	5.387	77	3894	0.525 ug/ml#	85
21) Isophorone	5.628	82	6883	0.502 ug/ml#	94
22) 2-Nitrophenol	5.704	139	1682	0.497 ug/ml	96
23) 2,4-Dimethylphenol	5.769	107	3390	0.481 ug/ml	94
24) Bis(2-chloroethoxy)met...	5.857	93	4626	0.502 ug/ml#	90
25) 2,4-Dichlorophenol	5.940	162	3192	0.493 ug/ml	90
26) 1,2,4-Trichlorobenzene	6.016	180	4356	0.531 ug/ml	95
36) Naphthalene	6.087	128	11529	0.561 ug/ml	98
37) Benzoic Acid	5.816	105	680	0.720 ug/ml#	1
38) 4-Chloroaniline	6.152	65	1385	0.541 ug/ml	88
39) Hexachlorobutadiene	6.234	225	2918	0.557 ug/ml	98
40) p-Chloro-m-cresol	6.640	107	3028	0.527 ug/ml	98
41) 2-Methylnaphthalene	6.763	142	6898	0.539 ug/ml	94
42) 1-Methylnaphthalene	6.857	115	2698	0.552 ug/ml	98
43) Hexachlorocyclopentadiene	6.934	237	3304	0.524 ug/ml#	94
44) 2,4,6-Trichlorophenol	7.046	196	2805	0.518 ug/ml	94
45) 2,4,5-Trichlorophenol	7.075	196	2679M3	0.490 ug/ml	
47) 2-Chloronaphthalene	7.228	162	8266	0.552 ug/ml	92
48) 2-Nitroaniline	7.334	138	1931	0.477 ug/ml	97
49) 1,4-Dinitrobenzene	7.463	168	1091	0.493 ug/ml	83
50) 1,3-Dinitrobenzene	7.540	168	1136	0.461 ug/ml	96
51) Dimethyl phthalate	7.534	163	10523	0.547 ug/ml#	97
52) Acenaphthylene	7.628	152	13071	0.538 ug/ml	99
53) 2,6-Dinitrotoluene	7.575	165	1765	0.502 ug/ml	96
54) 1,2-Dinitrobenzene	7.616	168	799	0.490 ug/ml#	1
64) 3-Nitroaniline	7.728	138	1886	0.492 ug/ml#	81
65) Acenaphthene	7.798	154	7236	0.544 ug/ml	93
66) 2,4-Dinitrophenol	7.834	184	834	0.541 ug/ml#	25
67) Dibenzofuran	7.963	168	12750	0.557 ug/ml	91
68) 2,4-Dinitrotoluene	7.963	165	2448	0.491 ug/ml	98
69) 4-Nitrophenol	7.910	65	1277	0.448 ug/ml	98
70) 2,3,5,6-Tetrachlorophenol	8.051	232	2397	0.492 ug/ml	97
71) 2,3,4,6-Tetrachlorophenol	8.093	232	2525	0.509 ug/ml	88
72) Diethyl phthalate	8.222	149	9994	0.538 ug/ml	97
73) Fluorene	8.293	166	10030	0.558 ug/ml	99
74) 4-Chlorophenyl phenyl ...	8.310	204	5117	0.539 ug/ml#	83

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL3.D
Acq On : 13 Mar 2025 04:03 pm
Operator : SV112:ljg
Sample : IL8,32,,ABNL0.5 Lot# 11431
Misc : WG2040627
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 14 10:48:22 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
75) 4-Nitroaniline	8.316	138	2027	0.508 ug/ml	95
76) 4,6-Dinitro-o-cresol	8.351	198	1307	0.450 ug/ml#	77
77) NDPA/DPA	8.428	169	7696	0.521 ug/ml	89
78) Azobenzene	8.463	77	8769	0.528 ug/ml#	95
80) 4-Bromophenyl phenyl e...	8.781	248	3351	0.542 ug/ml#	79
81) Hexachlorobenzene	8.834	284	3877	0.533 ug/ml#	90
82) Pentachlorophenol	9.022	266	1737	0.444 ug/ml	96
89) Phenanthrene	9.216	178	16710	0.574 ug/ml	99
90) Anthracene	9.263	178	15542	0.556 ug/ml	99
91) Carbazole	9.428	167	14134	0.544 ug/ml	98
92) Di-n-butylphthalate	9.810	149	14946	0.514 ug/ml	99
93) Fluoranthene	10.369	202	18502M3	0.542 ug/ml	
94) Benzidine	10.516	184	7478	0.405 ug/ml#	88
95) Pyrene	10.581	202	20429	0.573 ug/ml	98
97) Butyl benzyl phthalate	11.292	149	6204	0.490 ug/ml#	92
105) Benzo(a)anthracene	11.822	228	20605	0.555 ug/ml	98
106) 3,3'-Dichlorobenzidine	11.816	252	6312	0.474 ug/ml	97
107) Chrysene	11.857	228	20375	0.572 ug/ml	98
108) Bis(2-ethylhexyl)phtha...	11.928	149	9013	0.485 ug/ml#	97
109) Di-n-octylphthalate	12.604	149	14244	0.480 ug/ml#	99
110) Benzo(b)fluoranthene	12.922	252	19419	0.541 ug/ml#	95
111) Benzo(k)fluoranthene	12.951	252	20528M3	0.573 ug/ml	
112) Benzo(a)pyrene	13.233	252	18463	0.549 ug/ml#	96
114) Indeno(1,2,3-cd)pyrene	14.286	276	19474M6	0.536 ug/mL	
115) Dibenzo(a,h)anthracene	14.310	278	18986	0.538 ug/ml#	89
116) Benzo(ghi)perylene	14.551	276	19866	0.545 ug/ml#	93

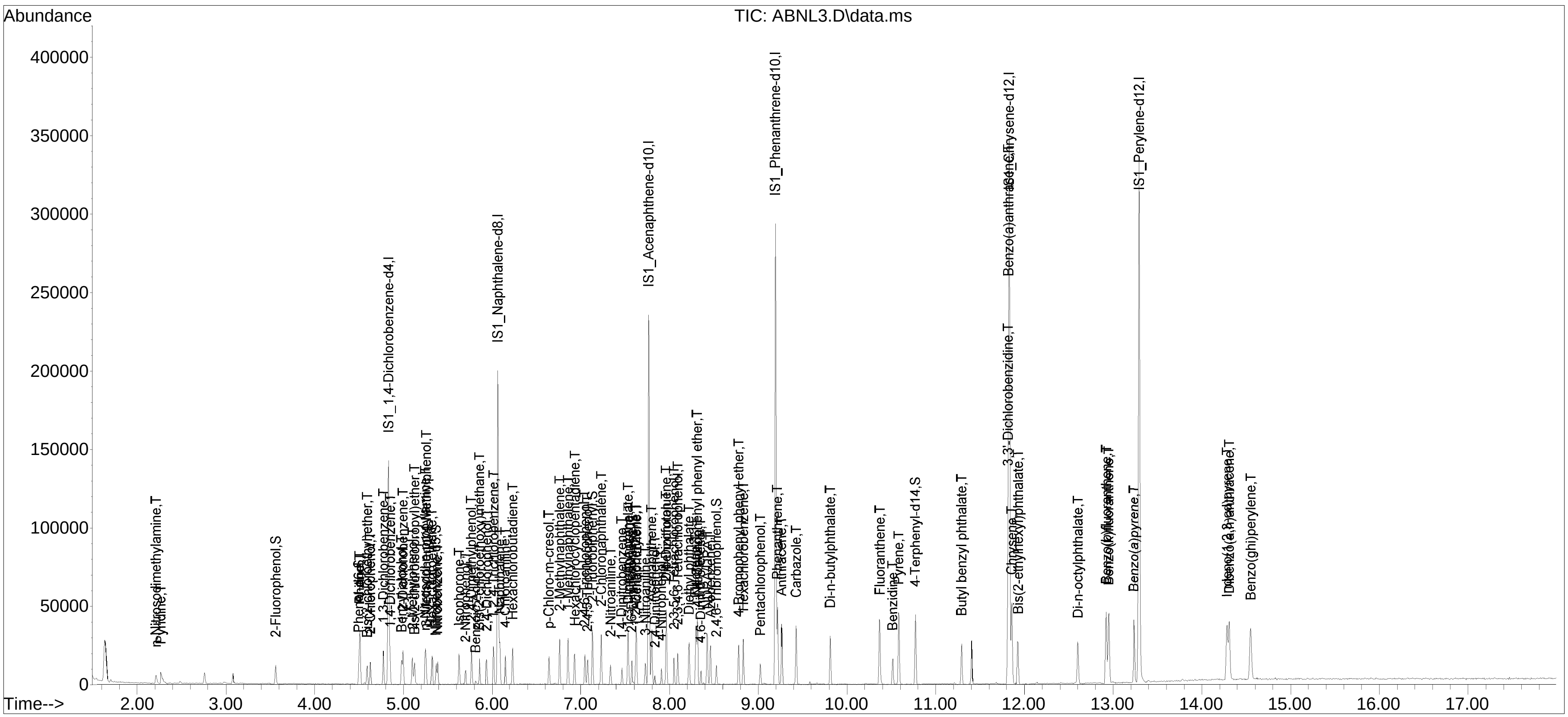
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL3.D
Acq On : 13 Mar 2025 04:03 pm
Operator : SV112:ljg
Sample : IL8,32,,ABNL0.5 Lot# 11431
Misc : WG2040627
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 14 10:48:22 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

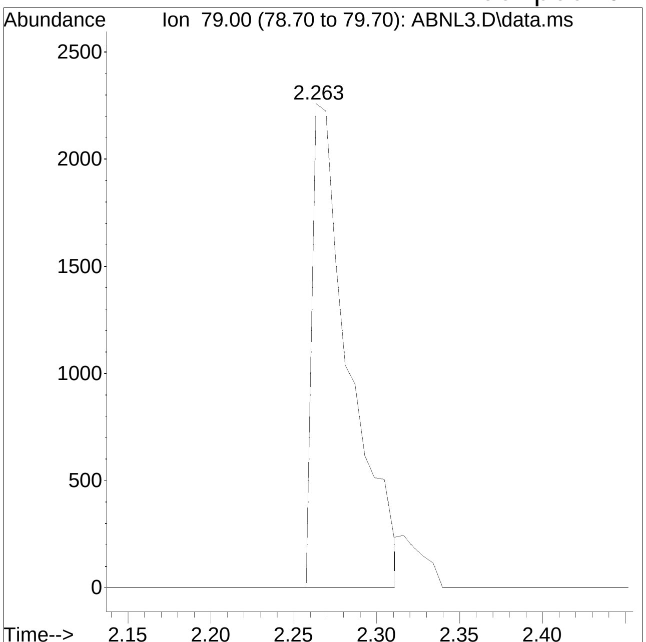
Sub List : ABNical - ABN ical sublistTical\ABNL6.D•

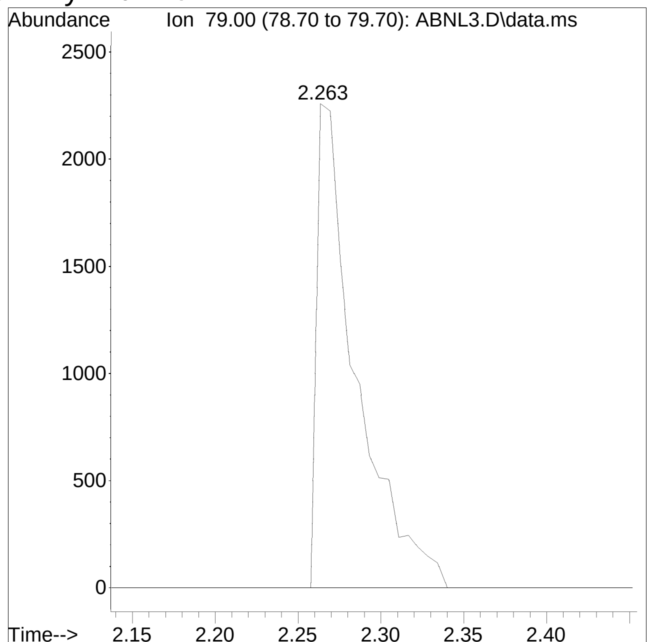


Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL3.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:03 pm Instrument : SV112
Sample : IL8,32,,ABNL0.5 Lot# 11431Quant Date : 3/13/2025 8:23 pm

Compound #3: Pyridine



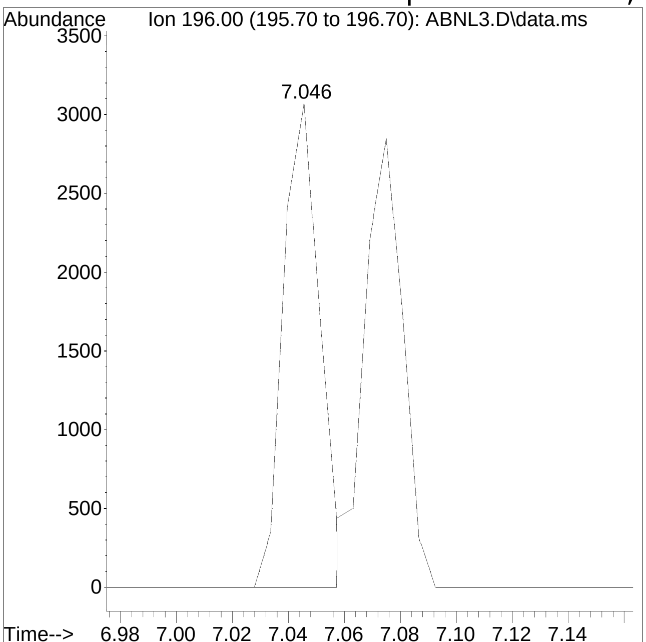


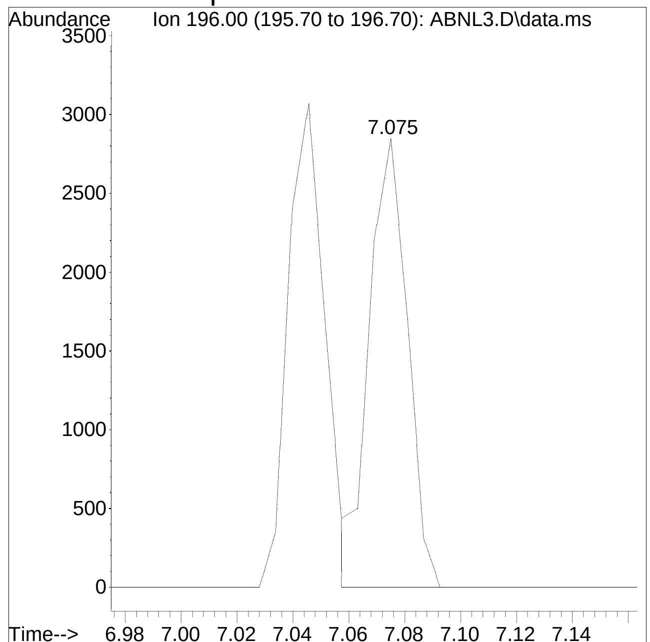
Original Peak Response = 3487 Manual Peak Response = 3734 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL3.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:03 pm Instrument : SV112
Sample : IL8,32,,ABNL0.5 Lot# 11431Quant Date : 3/13/2025 8:23 pm

Compound #45: 2,4,5-Trichlorophenol





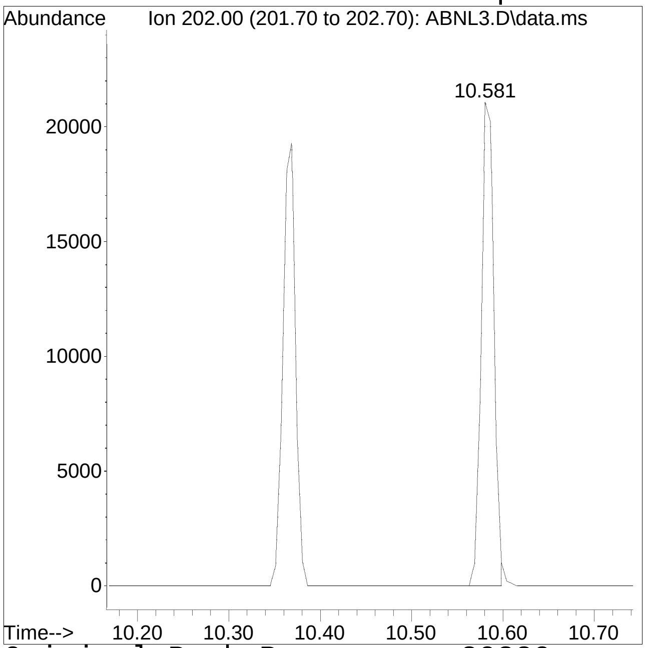
Original Peak Response = 2805 Manual Peak Response = 2679 M3

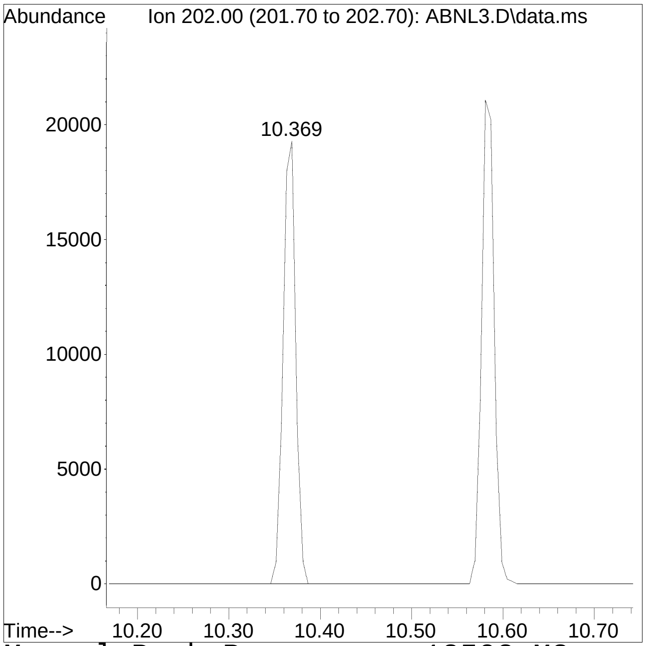
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod      : FS250313SV112RVT.m
Data File   : ABNL3.D                      Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  4:03 pm           Instrument  : SV112
Sample      : IL8,32,,ABNL0.5 Lot# 11431Quant Date  : 3/13/2025  8:23 pm
```

Compound #93: Fluoranthene





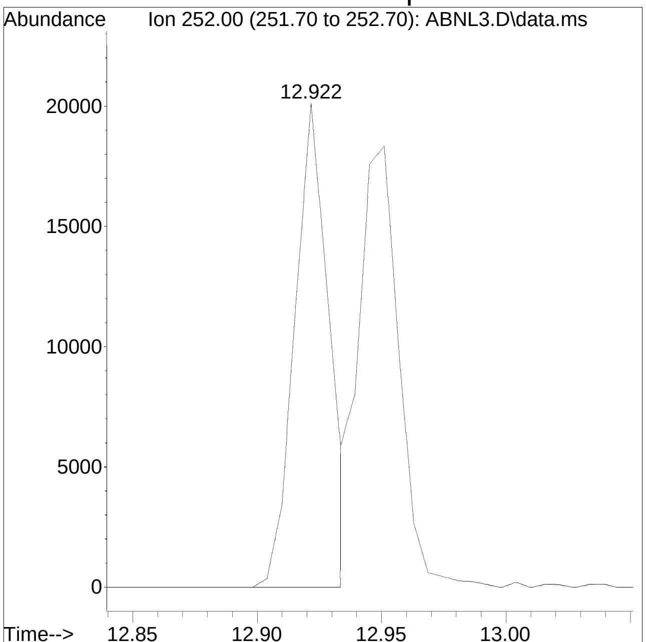
Original Peak Response = 20320   Manual Peak Response = 18502 M3

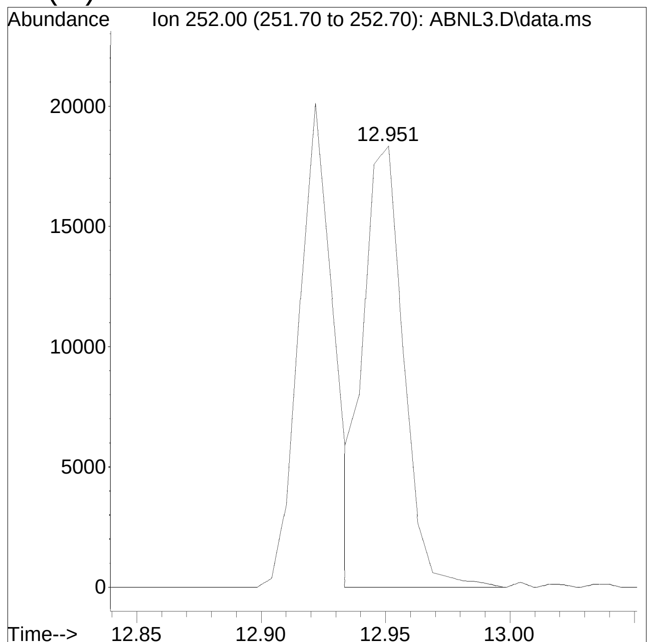
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL3.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:03 pm Instrument : SV112
Sample : IL8,32,,ABNL0.5 Lot# 11431Quant Date : 3/13/2025 8:23 pm

Compound #111: Benzo(k)fluoranthene



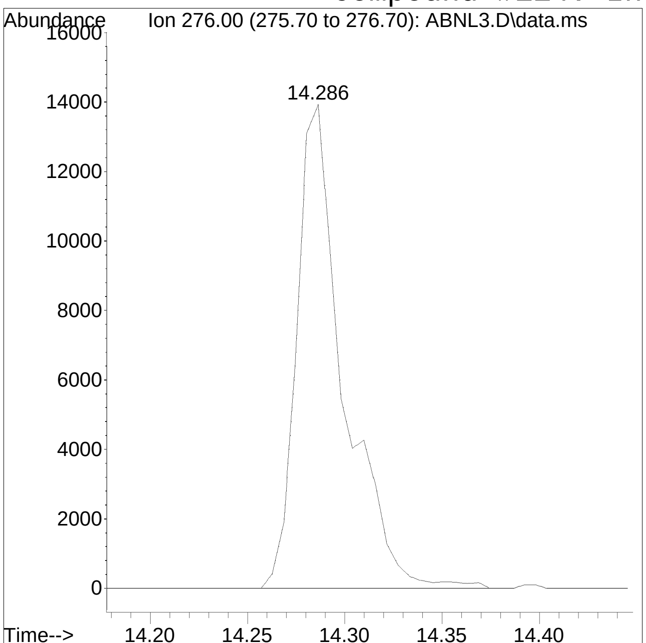


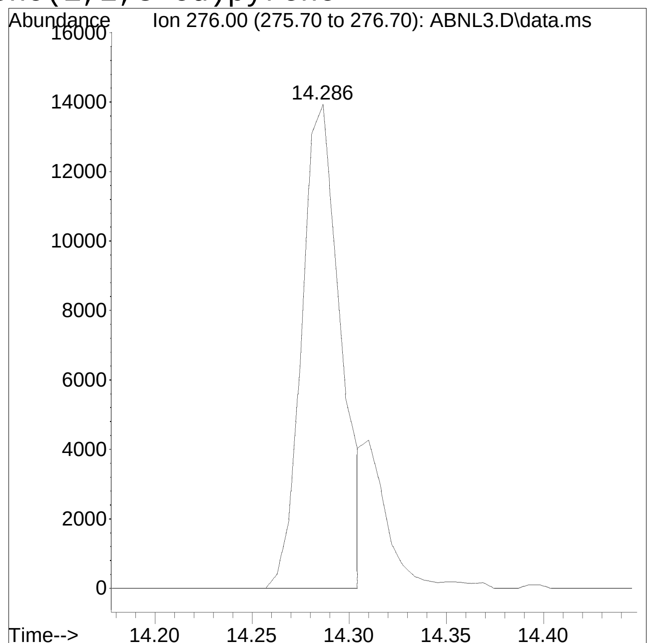
Original Peak Response = 19419 Manual Peak Response = 20528 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL3.D                    Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  4:03 pm         Instrument  : SV112
Sample      : IL8,32,,ABNL0.5 Lot# 11431Quant Date  : 3/13/2025  8:23 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 23208 Manual Peak Response = 19474 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL2.D
Acq On    : 13 Mar 2025  04:26 pm
Operator  : SV112:ljg
Sample    : IL9,32,,ABNL0.2 Lot# 11432
Misc      : WG2040627
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Mar 14 10:47:42 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...    4.834  152     21509     4.000 ug/ml    0.00
   Standard Area 1 = 23356                 Recovery   =   92.09%
35) IS1_Naphthalene-d8           6.063  136     78485     4.000 ug/ml    0.00
   Standard Area 1 = 87070                 Recovery   =   90.14%
63) IS1_Acenaphthene-d10         7.763  164     47601     4.000 ug/ml    0.00
   Standard Area 1 = 56356                 Recovery   =   84.46%
88) IS1_Phenanthrene-d10         9.193  188    106167     4.000 ug/ml  # 0.00
   Standard Area 1 = 122535                 Recovery   =   86.64%
104) IS1_Chrysene-d12           11.828  240    117540     4.000 ug/ml  # 0.00
   Standard Area 1 = 141005                 Recovery   =   83.36%
113) IS1_Perylene-d12           13.292  264    128179     4.000 ug/ml    0.00
   Standard Area 1 = 153196                 Recovery   =   83.67%

 System Monitoring Compounds
 4) 2-Fluorophenol               3.563  112      1158     0.199 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =    9.95%#
 7) Phenol-d6                    4.499   99      1268     0.175 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =    8.75%#
19) Nitrobenzene-d5              5.369   82      1288     0.188 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   18.80%#
46) 2-Fluorobiphenyl             7.128  172      3842     0.214 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   21.40%#
79) 2,4,6-Tribromophenol         8.540  330       51M2     0.018 ug/ml   0.01

   Spiked Amount      2.000   Range  15 - 110    Recovery   =    0.90%#
96) 4-Terphenyl-d14             10.769  244      5553     0.200 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   20.00%#

 Target Compounds                                                   Qvalue
 2) n-Nitrosodimethylamine       2.216   74       660      0.177 ug/ml#    80
 3) Pyridine                     2.281   79      1115M1    0.171 ug/ml
 5) Aniline                      4.510   93      1593      0.167 ug/ml#    41
 6) 2-Chlorophenol               4.628  128      1185      0.177 ug/ml#    74
 8) Phenol                       4.516   94      1514      0.177 ug/ml#    45
 9) Bis(2-chloroethyl)ether      4.593   93      1267      0.204 ug/ml#    80
10) 1,3-Dichlorobenzene          4.775  146      1618      0.204 ug/ml     97
11) 1,4-Dichlorobenzene          4.846  146      1704      0.208 ug/ml     95
12) 1,2-Dichlorobenzene          4.999  146      1688      0.215 ug/ml     91
13) Benzyl alcohol               4.981   79      1032      0.197 ug/ml     93
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL2.D
Acq On : 13 Mar 2025 04:26 pm
Operator : SV112:ljg
Sample : IL9,32,,ABNL0.2 Lot# 11432
Misc : WG2040627
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 14 10:47:42 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
14) Bis(2-chloroisopropyl)...	5.128	45	1955	0.217 ug/ml#	51
15) 2-Methylphenol	5.105	108	1095	0.193 ug/ml#	89
16) Hexachloroethane	5.322	117	515	0.171 ug/ml#	35
17) n-Nitrosodi-n-propylamine	5.246	70	910	0.187 ug/ml#	62
18) 3-Methylphenol/4-Methy...	5.258	108	1046	0.166 ug/ml#	84
20) Nitrobenzene	5.387	77	1246	0.178 ug/ml#	90
21) Isophorone	5.628	82	2295	0.177 ug/ml#	67
22) 2-Nitrophenol	5.705	139	440M2	0.138 ug/ml	
23) 2,4-Dimethylphenol	5.769	107	1147	0.172 ug/ml#	85
24) Bis(2-chloroethoxy)met...	5.857	93	1628	0.187 ug/ml#	50
25) 2,4-Dichlorophenol	5.940	162	1080	0.177 ug/ml#	67
26) 1,2,4-Trichlorobenzene	6.016	180	1549	0.200 ug/ml#	83
36) Naphthalene	6.087	128	4142	0.206 ug/ml#	86
37) Benzoic Acid	0.000		0	N.D.	
38) 4-Chloroaniline	6.152	65	427M2	0.170 ug/ml	
39) Hexachlorobutadiene	6.234	225	1005	0.196 ug/ml	97
40) p-Chloro-m-cresol	6.640	107	1030	0.183 ug/ml#	78
41) 2-Methylnaphthalene	6.763	142	2521	0.201 ug/ml	99
42) 1-Methylnaphthalene	6.852	115	933	0.195 ug/ml	92
43) Hexachlorocyclopentadiene	6.934	237	1160	0.188 ug/ml#	87
44) 2,4,6-Trichlorophenol	7.046	196	971	0.183 ug/ml#	86
45) 2,4,5-Trichlorophenol	7.075	196	862M3	0.161 ug/ml	
47) 2-Chloronaphthalene	7.228	162	2739	0.187 ug/ml	93
48) 2-Nitroaniline	7.334	138	613	0.155 ug/ml#	63
49) 1,4-Dinitrobenzene	7.463	168	366M2	0.169 ug/ml	
50) 1,3-Dinitrobenzene	7.540	168	344M2	0.143 ug/ml	
51) Dimethyl phthalate	7.534	163	3656	0.194 ug/ml#	77
52) Acenaphthylene	7.622	152	4656	0.196 ug/ml	96
53) 2,6-Dinitrotoluene	7.575	165	476M3	0.138 ug/ml	
54) 1,2-Dinitrobenzene	7.616	168	281M2	0.176 ug/ml	
64) 3-Nitroaniline	7.728	138	566	0.154 ug/ml#	57
65) Acenaphthene	7.799	154	2586	0.203 ug/ml	87
66) 2,4-Dinitrophenol	7.834	184	189M2	0.289 ug/ml	
67) Dibenzofuran	7.963	168	4844	0.221 ug/ml	89
68) 2,4-Dinitrotoluene	7.963	165	862	0.180 ug/ml	94
69) 4-Nitrophenol	7.910	65	429M3	0.157 ug/ml	
70) 2,3,5,6-Tetrachlorophenol	8.051	232	790	0.169 ug/ml#	72
71) 2,3,4,6-Tetrachlorophenol	8.093	232	866	0.182 ug/ml#	65
72) Diethyl phthalate	8.222	149	3671	0.206 ug/ml#	95
73) Fluorene	8.293	166	3623	0.210 ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL2.D
Acq On : 13 Mar 2025 04:26 pm
Operator : SV112:ljg
Sample : IL9,32,,ABNL0.2 Lot# 11432
Misc : WG2040627
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 14 10:47:42 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
74) 4-Chlorophenyl phenyl ...	8.310	204	1923	0.211 ug/ml#	82
75) 4-Nitroaniline	8.316	138	661	0.173 ug/ml#	66
76) 4,6-Dinitro-o-cresol	8.351	198	397M2	0.143 ug/ml	
77) NDPA/DPA	8.422	169	2818	0.199 ug/ml	89
78) Azobenzene	8.463	77	3080	0.193 ug/ml#	92
80) 4-Bromophenyl phenyl e...	8.781	248	1402	0.237 ug/ml#	73
81) Hexachlorobenzene	8.834	284	1515	0.217 ug/ml#	69
82) Pentachlorophenol	9.022	266	588	0.157 ug/ml#	18
89) Phenanthrene	9.216	178	6332	0.219 ug/ml	99
90) Anthracene	9.263	178	5834	0.210 ug/ml	98
91) Carbazole	9.428	167	5246	0.203 ug/ml	98
92) Di-n-butylphthalate	9.810	149	5809	0.201 ug/ml#	78
93) Fluoranthene	10.363	202	7188	0.212 ug/ml#	96
94) Benzidine	10.510	184	1486	0.081 ug/ml#	68
95) Pyrene	10.587	202	7092	0.200 ug/ml	98
97) Butyl benzyl phthalate	11.287	149	2327	0.185 ug/ml#	89
105) Benzo(a)anthracene	11.816	228	7286	0.199 ug/ml	97
106) 3,3'-Dichlorobenzidine	11.816	252	2403	0.183 ug/ml#	97
107) Chrysene	11.857	228	7834M3	0.224 ug/ml	
108) Bis(2-ethylhexyl)phtha...	11.928	149	3099	0.170 ug/ml#	99
109) Di-n-octylphthalate	12.604	149	5296	0.181 ug/ml#	99
110) Benzo(b)fluoranthene	12.922	252	6980	0.198 ug/ml#	95
111) Benzo(k)fluoranthene	12.951	252	7179M3	0.204 ug/ml	
112) Benzo(a)pyrene	13.239	252	6687	0.202 ug/ml#	95
114) Indeno(1,2,3-cd)pyrene	14.286	276	6822M6	0.194 ug/mL	
115) Dibenzo(a,h)anthracene	14.310	278	6520	0.191 ug/ml#	94
116) Benzo(ghi)perylene	14.551	276	6954	0.197 ug/ml#	90

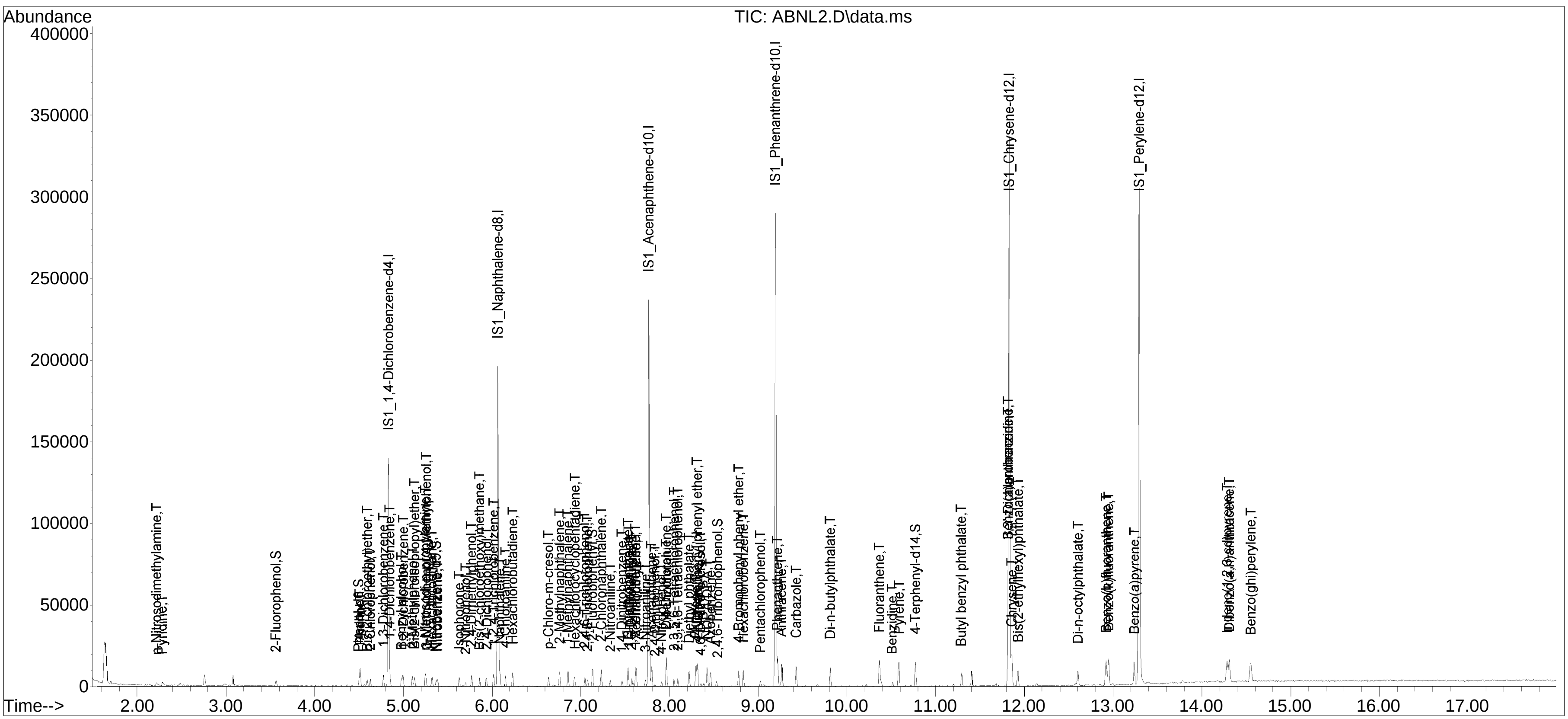
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL2.D
Acq On   : 13 Mar 2025 04:26 pm
Operator : SV112:ljg
Sample   : IL9,32,,ABNL0.2 Lot# 11432
Misc   : WG2040627
ALS Vial : 8   Sample Multiplier: 1

Quant Time: Mar 14 10:47:42 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

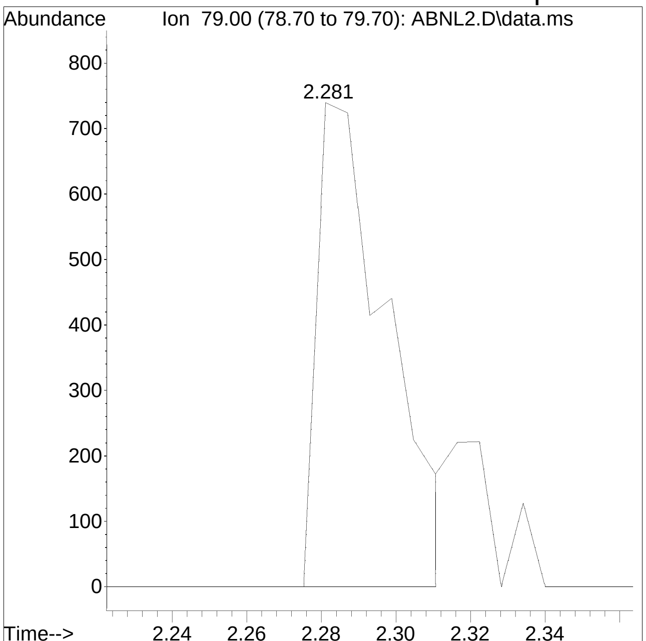
Sub List   : ABNical - ABN ical sublistTical\ABNL6.D•

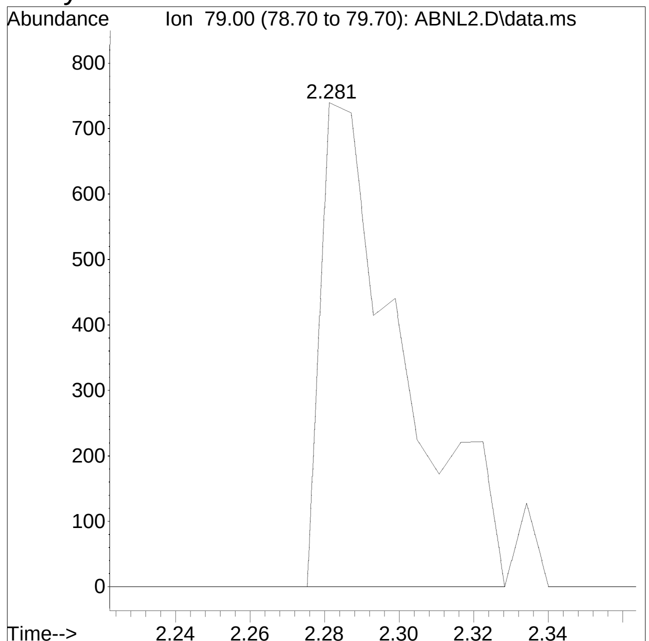


Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod      : FS250313SV112RVT.m
Data File    : ABNL2.D                   Operator     : SV112:ljg
Date Inj'd   : 3/13/2025  4:26 pm        Instrument   : SV112
Sample       : IL9,32,,ABNL0.2 Lot# 11432Quant Date   : 3/13/2025  8:23 pm
```

Compound #3: Pyridine





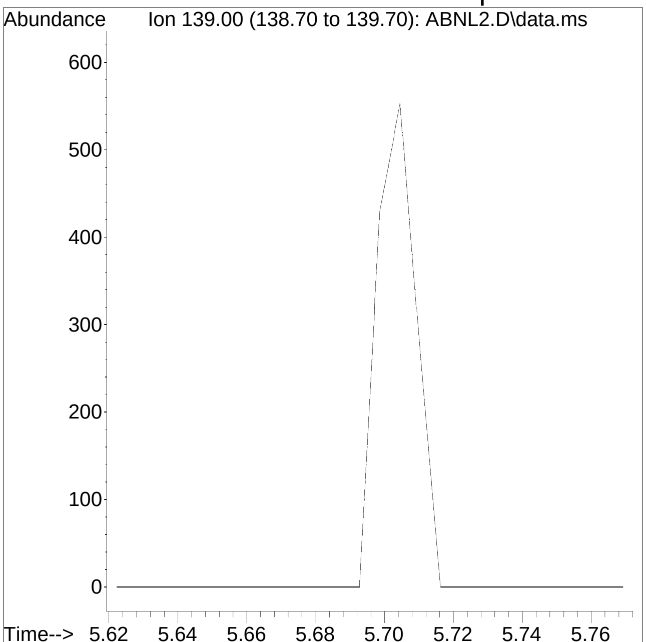
Original Peak Response = 958   Manual Peak Response = 1115 M1

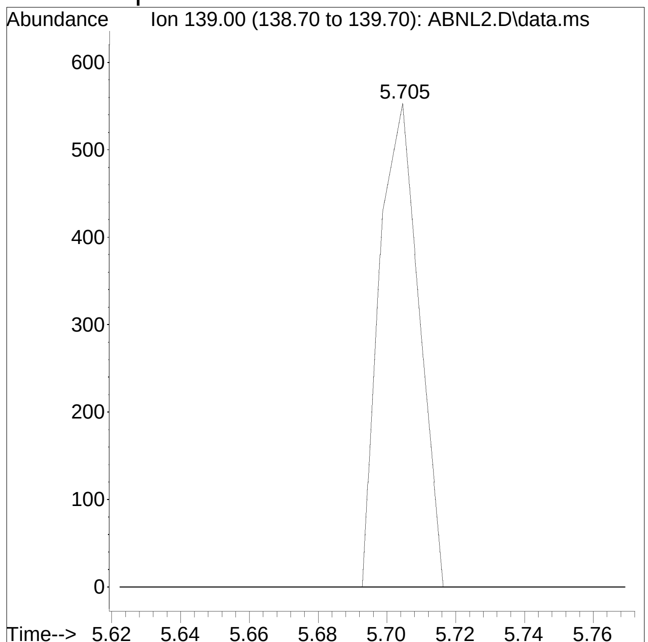
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:26 pm Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/13/2025 8:23 pm

Compound #22: 2-Nitrophenol



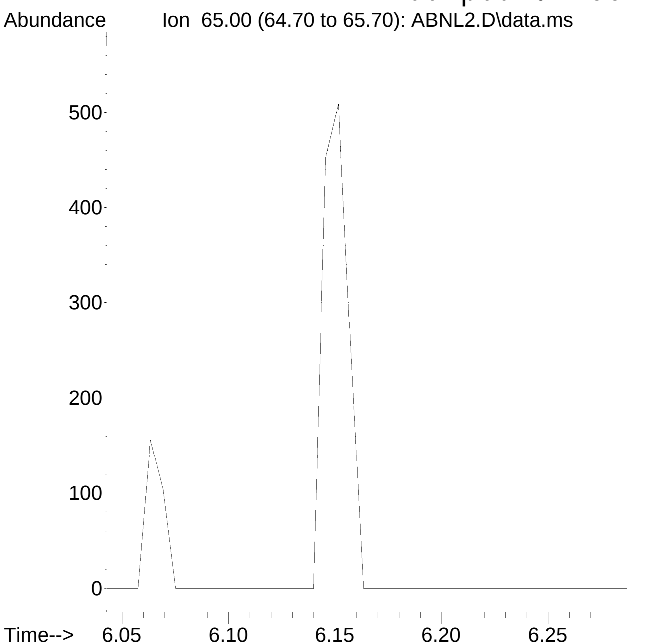


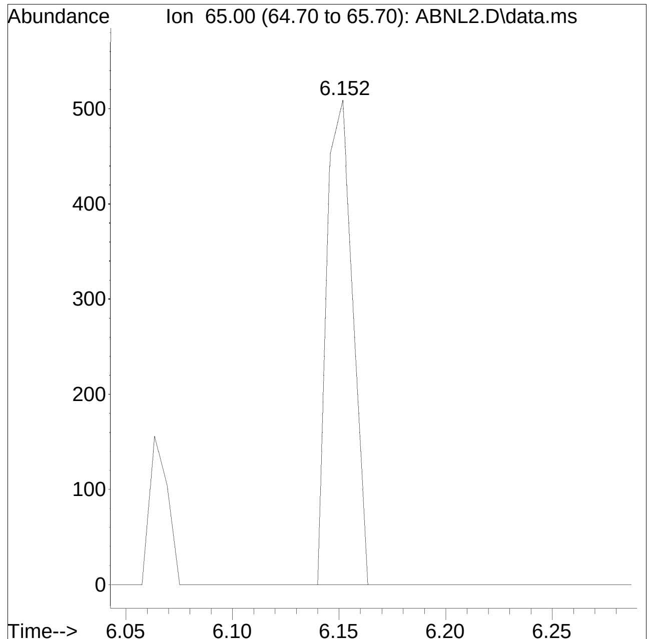
Original Peak Response = 0 Manual Peak Response = 440 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL2.D                  Operator     : SV112:ljg
Date Inj'd   : 3/13/2025  4:26 pm       Instrument   : SV112
Sample       : IL9,32,,ABNL0.2 Lot# 11432Quant Date  : 3/13/2025  8:23 pm
```

Compound #38: 4-Chloroaniline





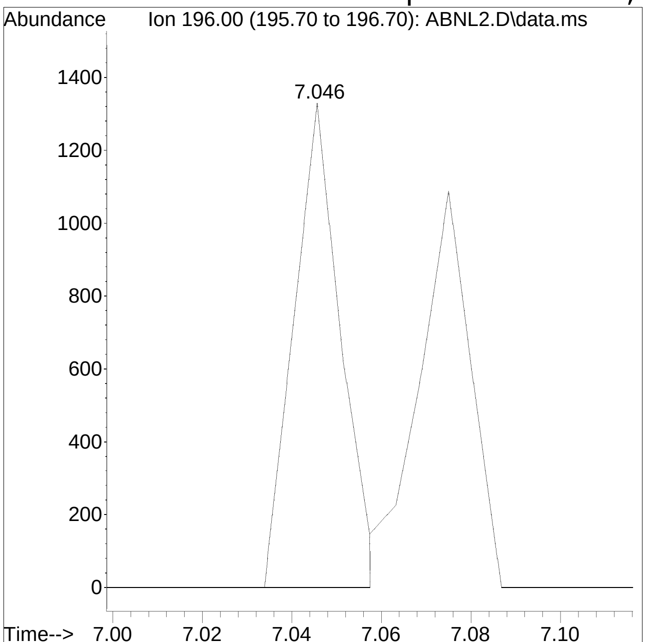
Original Peak Response = 0 Manual Peak Response = 427 M2

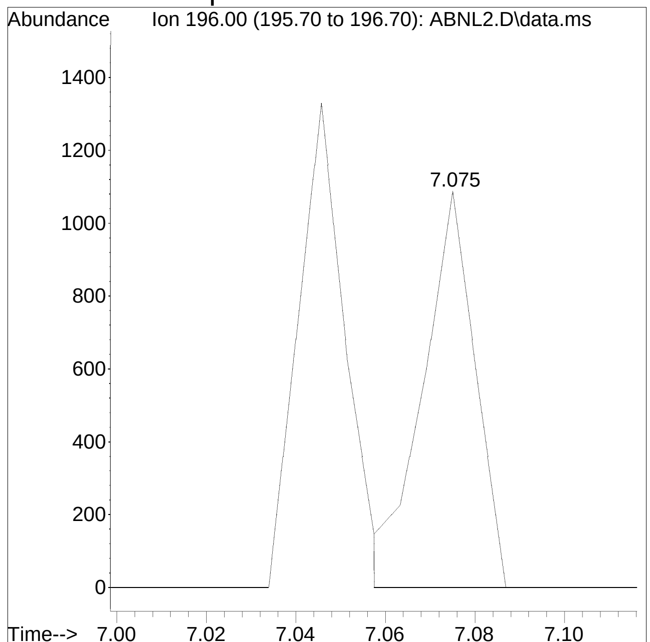
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL2.D                  Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  4:26 pm       Instrument  : SV112
Sample      : IL9,32,,ABNL0.2 Lot# 11432Quant Date  : 3/13/2025  8:23 pm
```

Compound #45: 2,4,5-Trichlorophenol





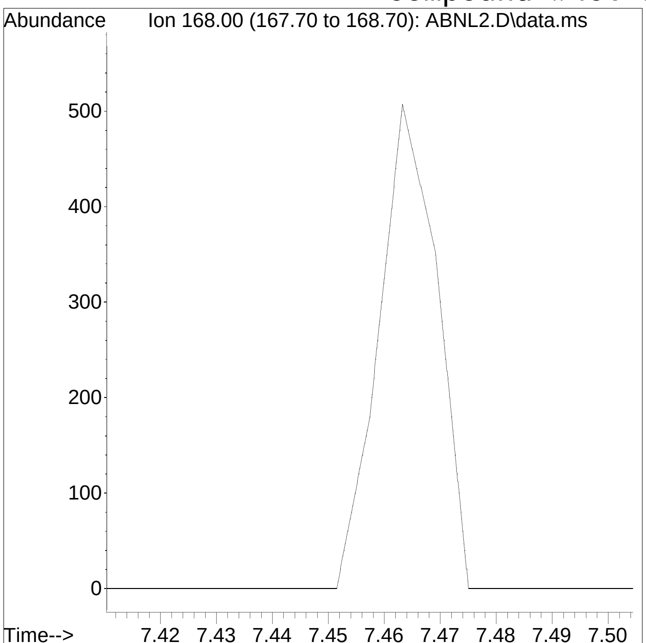
Original Peak Response = 971   Manual Peak Response = 862 M3

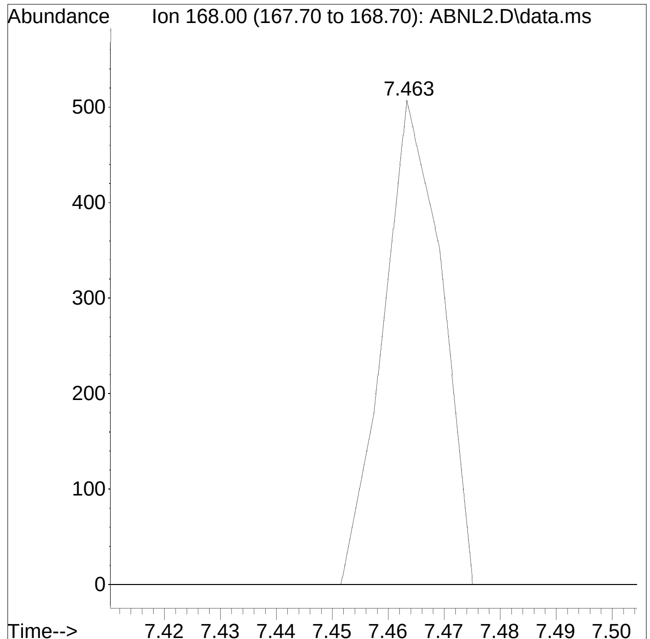
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:26 pm Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/13/2025 8:23 pm

Compound #49: 1,4-Dinitrobenzene



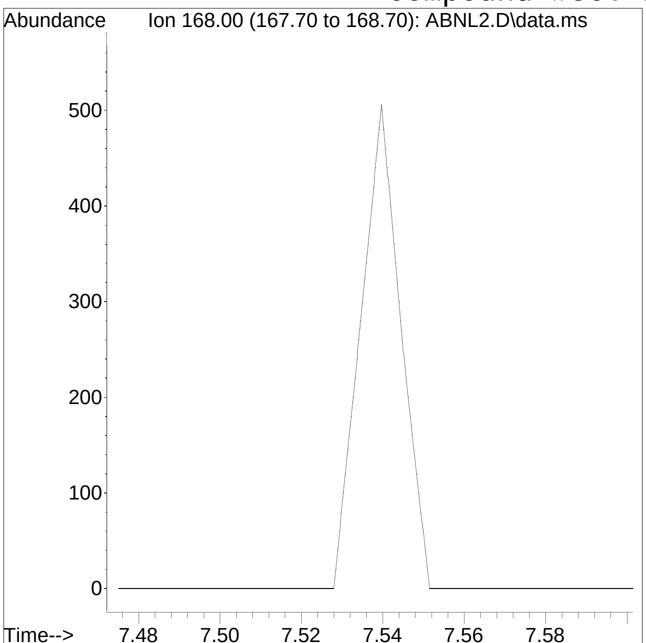


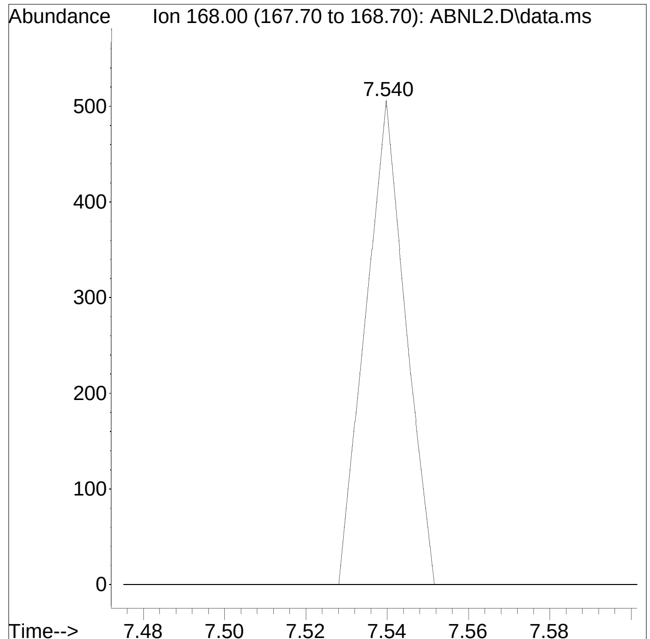
Original Peak Response = 0 Manual Peak Response = 366 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:26 pm Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/13/2025 8:23 pm

Compound #50: 1,3-Dinitrobenzene



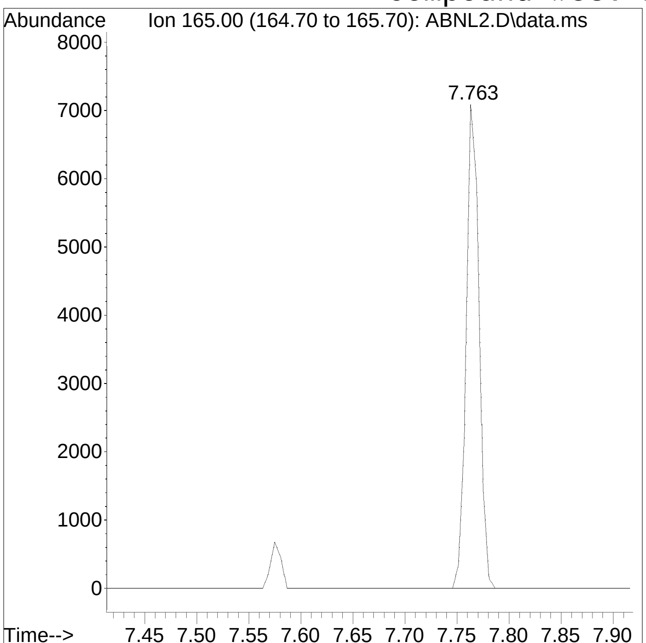


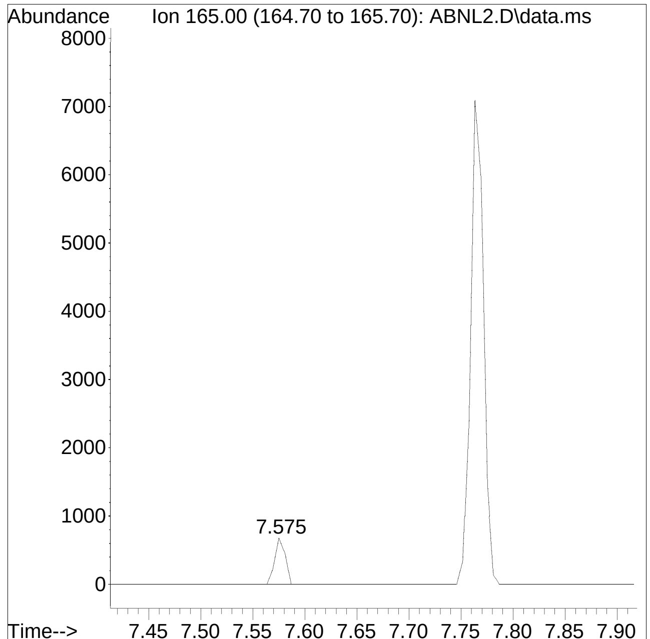
Original Peak Response = 0 Manual Peak Response = 344 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:26 pm Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/13/2025 8:23 pm

Compound #53: 2,6-Dinitrotoluene





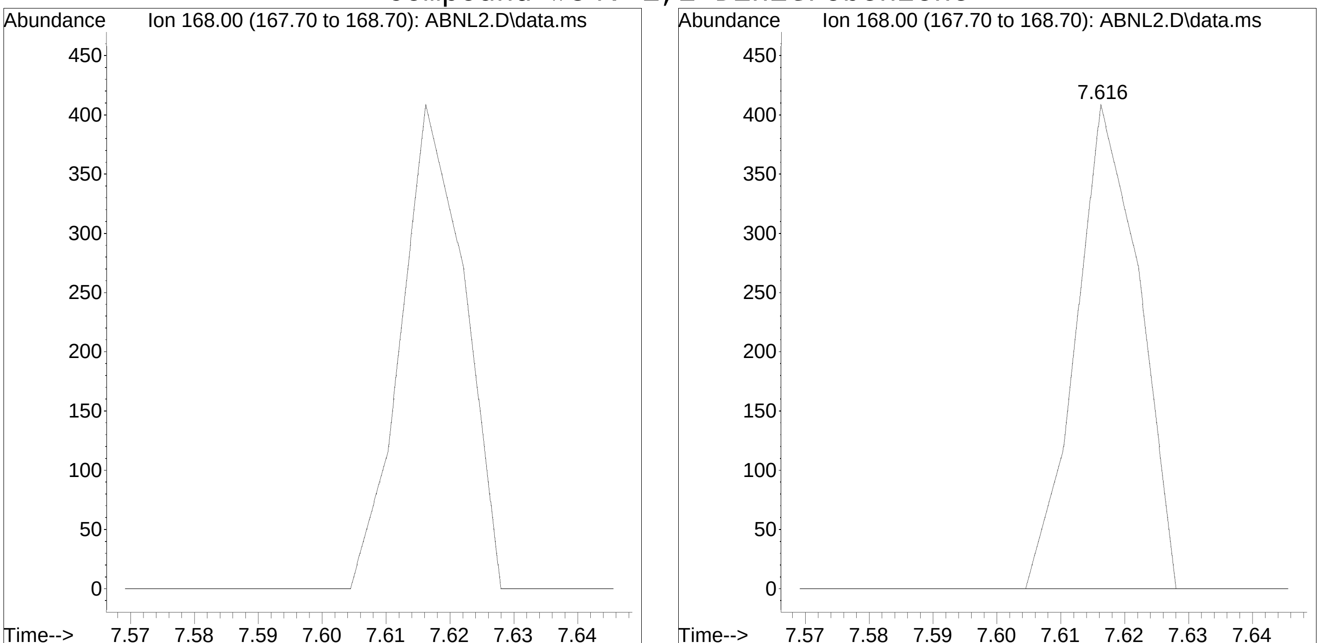
Original Peak Response = 6106 Manual Peak Response = 476 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:26 pm Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/13/2025 8:23 pm

Compound #54: 1,2-Dinitrobenzene

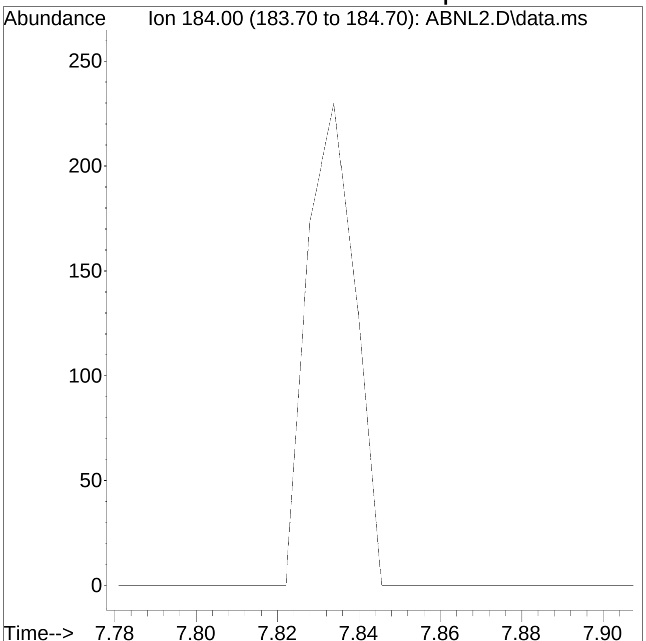


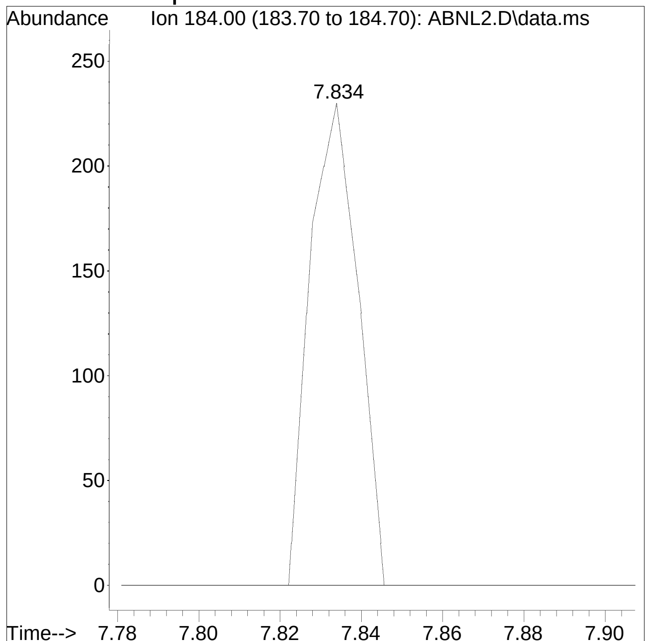
Original Peak Response = 0 Manual Peak Response = 281 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:26 pm Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/13/2025 8:23 pm

Compound #66: 2,4-Dinitrophenol



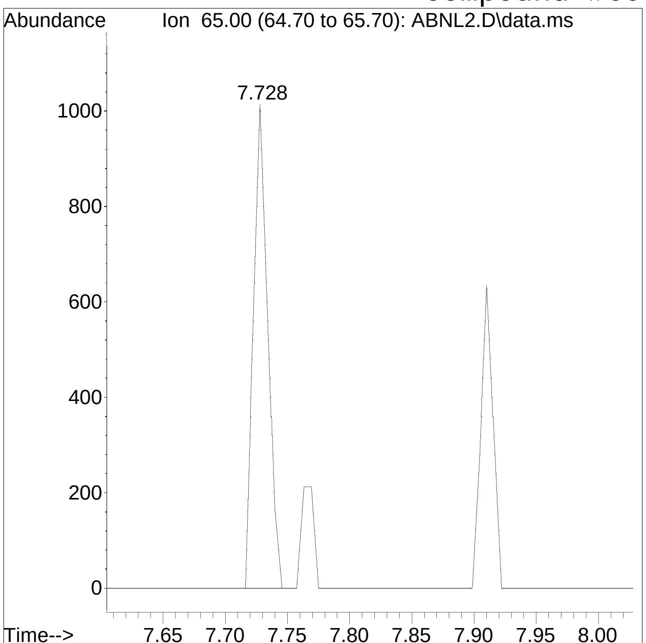


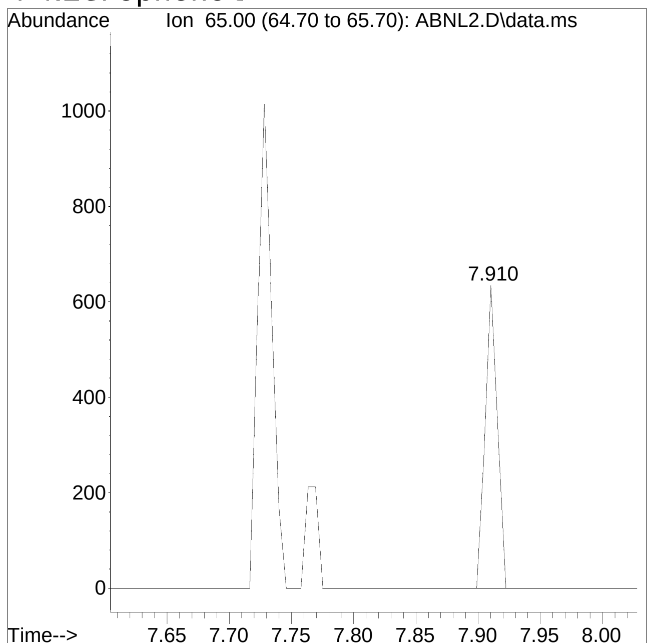
Original Peak Response = 0 Manual Peak Response = 189 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:26 pm Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/13/2025 8:23 pm

Compound #69: 4-Nitrophenol





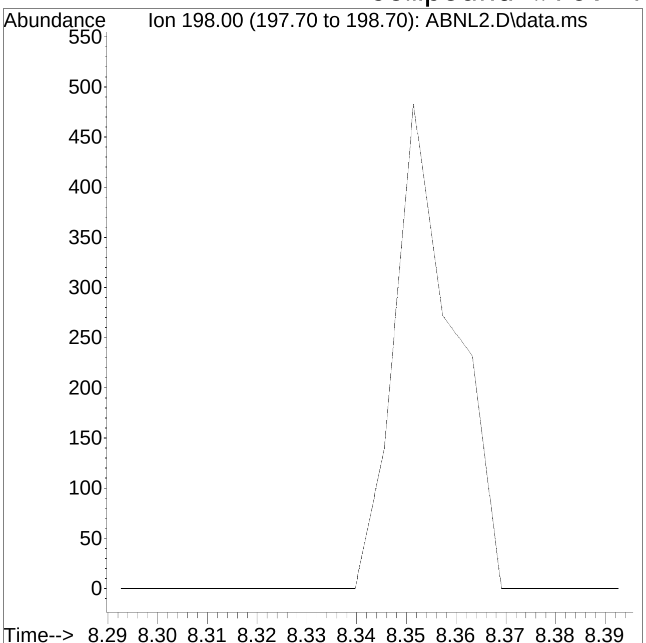
Original Peak Response = 810 Manual Peak Response = 429 M3

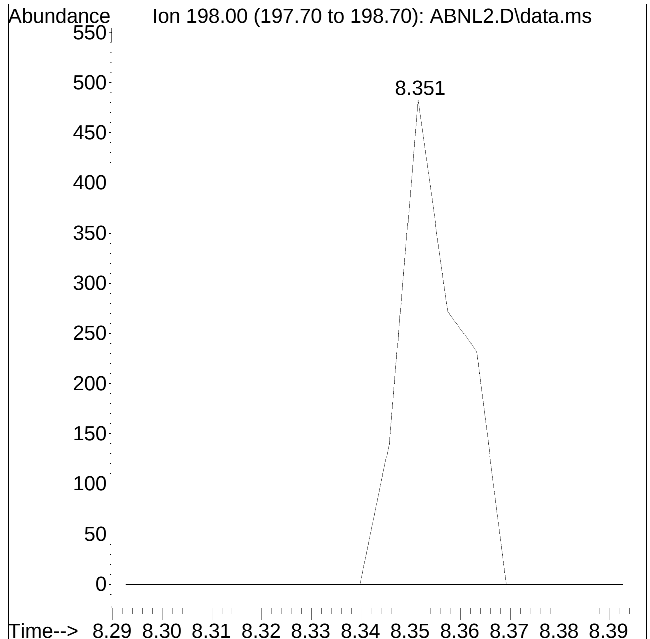
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL2.D                  Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  4:26 pm       Instrument  : SV112
Sample       : IL9,32,,ABNL0.2 Lot# 11432Quant Date  : 3/13/2025  8:23 pm
```

Compound #76: 4,6-Dinitro-o-cresol





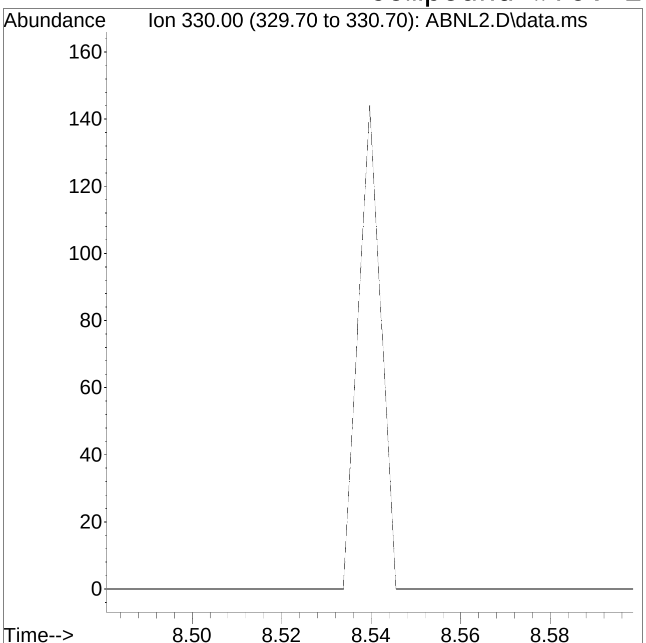
Original Peak Response = 0   Manual Peak Response = 397 M2

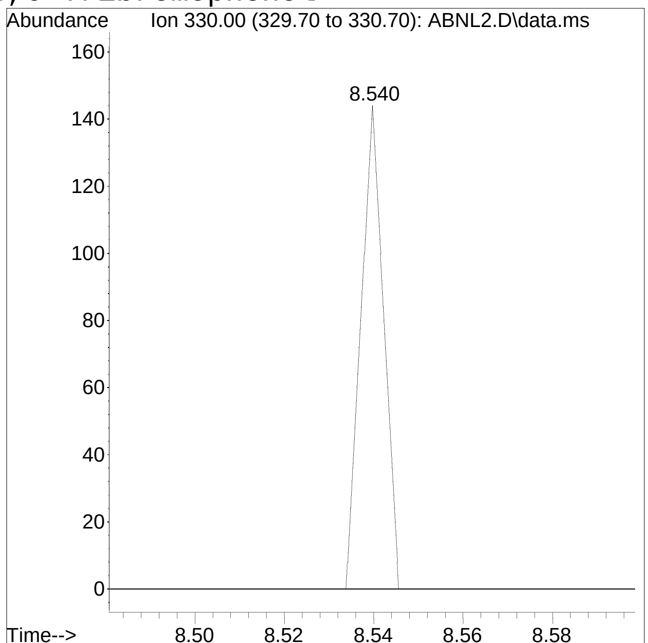
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL2.D                  Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  4:26 pm       Instrument  : SV112
Sample       : IL9,32,,ABNL0.2 Lot# 11432Quant Date  : 3/13/2025  8:23 pm
```

Compound #79: 2,4,6-Tribromophenol





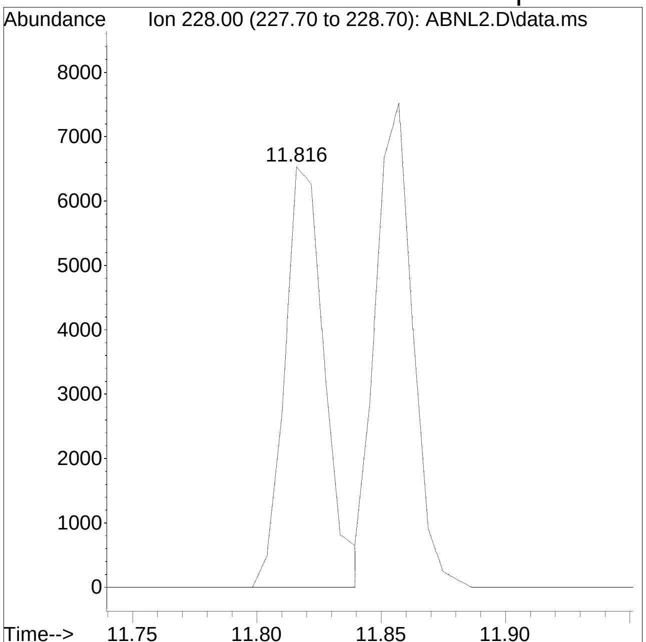
Original Peak Response = 0   Manual Peak Response = 51 M2

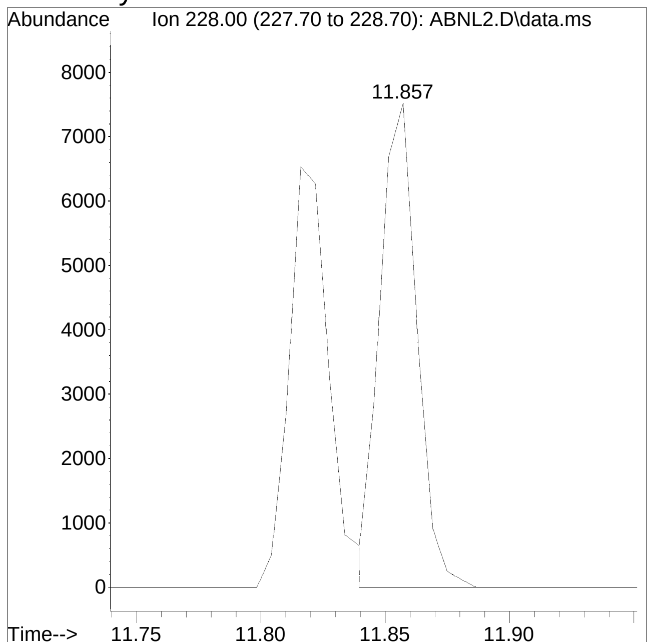
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:26 pm Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/13/2025 8:23 pm

Compound #107: Chrysene



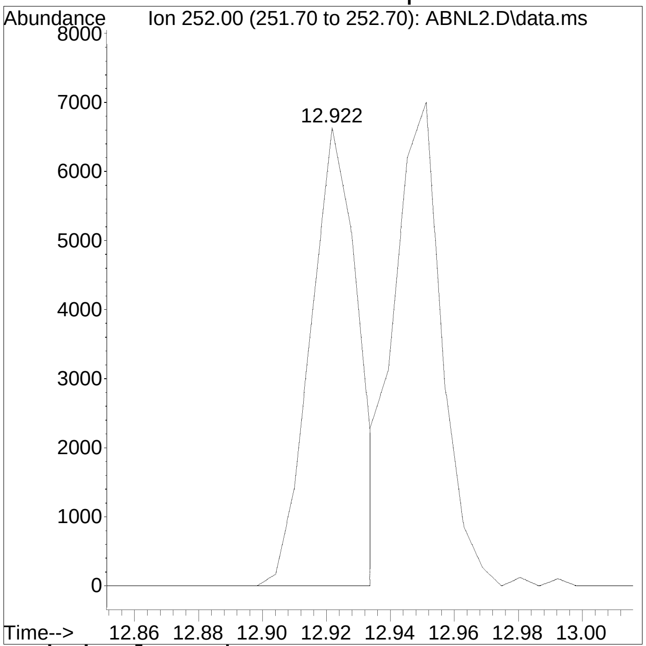


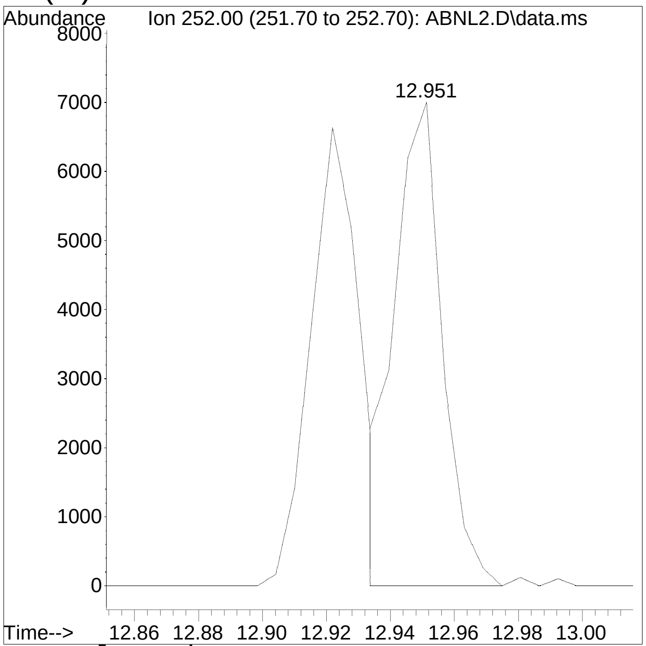
Original Peak Response = 7286 Manual Peak Response = 7834 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:26 pm Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot# 11432Quant Date : 3/13/2025 8:23 pm

Compound #111: Benzo(k)fluoranthene





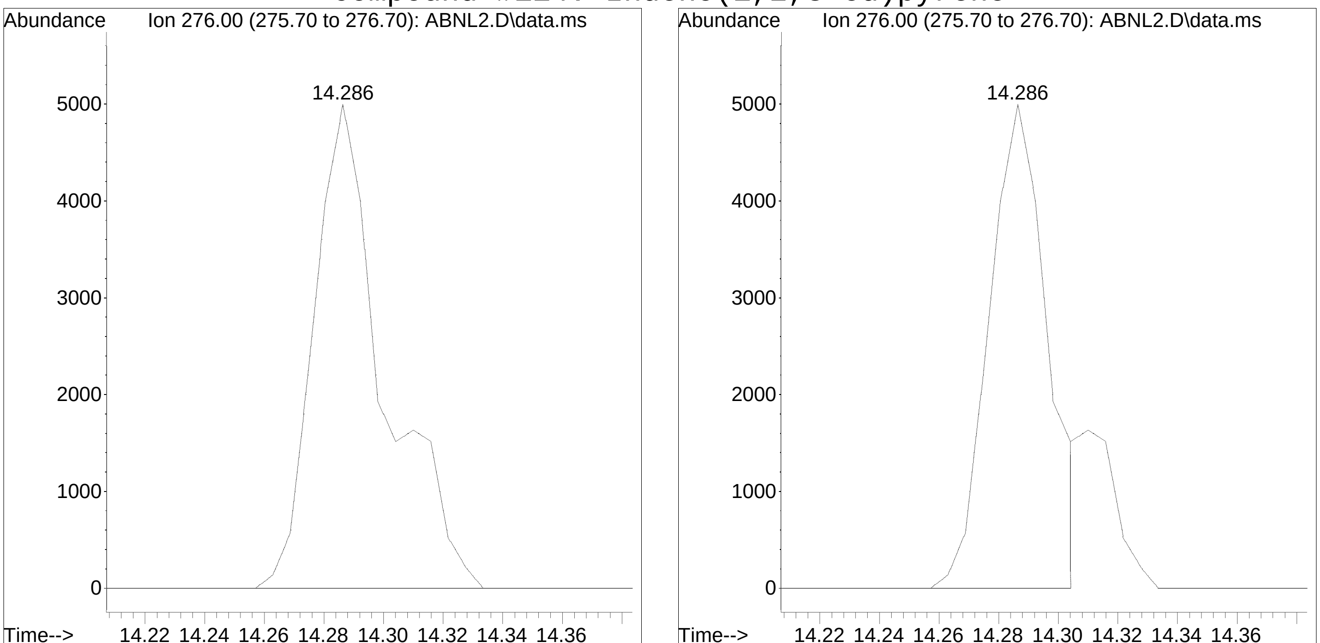
Original Peak Response = 6980 Manual Peak Response = 7179 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL2.D                   Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  4:26 pm        Instrument  : SV112
Sample       : IL9,32,,ABNL0.2 Lot# 11432Quant Date  : 3/13/2025  8:23 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 8194   Manual Peak Response = 6822 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

```
                    Quantitation Report    (QT Reviewed)

  Data Path : I:\8270\SV112\250313RVTical\
  Data File : ABNL1.D
  Acq On    : 13 Mar 2025  04:49 pm
  Operator  : SV112:ljg
  Sample    : IL10,32,,ABNL0.1 Lot# 11433
  Misc      : WG2040627
  ALS Vial  : 9   Sample Multiplier: 1

  Quant Time: Mar 14 10:46:35 2025
  Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
  Quant Title  : Semivolatiles by GC/MS by modified 8270
  QLast Update : Thu Mar 13 20:22:59 2025
  Response via : Initial Calibration

  CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
  Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
   -------------------------------------------------------------------------
   Internal Standards
   1) IS1_1,4-Dichlorobenzen...   4.834  152     21768     4.000 ug/ml    0.00
     Standard Area 1 = 23356                 Recovery   =   93.20%
  35) IS1_Naphthalene-d8          6.063  136     80129     4.000 ug/ml    0.00
     Standard Area 1 = 87070                 Recovery   =   92.03%
  63) IS1_Acenaphthene-d10        7.763  164     48505     4.000 ug/ml    0.00
     Standard Area 1 = 56356                 Recovery   =   86.07%
  88) IS1_Phenanthrene-d10        9.193  188    108043     4.000 ug/ml  # 0.00
     Standard Area 1 = 122535                 Recovery   =   88.17%
 104) IS1_Chrysene-d12           11.828  240    118821     4.000 ug/ml  # 0.00
     Standard Area 1 = 141005                 Recovery   =   84.27%
 113) IS1_Perylene-d12           13.292  264    128937     4.000 ug/ml    0.00
     Standard Area 1 = 153196                 Recovery   =   84.16%

   System Monitoring Compounds
   4) 2-Fluorophenol              3.564  112       531     0.090 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =    4.50%#
   7) Phenol-d6                   4.499   99       778     0.106 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =    5.30%#
  19) Nitrobenzene-d5             5.369   82       677     0.098 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =    9.80%#
  46) 2-Fluorobiphenyl            7.128  172      2124     0.116 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =   11.60%#
  79) 2,4,6-Tribromophenol        8.528  330       190M2     0.065 ug/ml   0.00

     Spiked Amount      2.000   Range  15 - 110    Recovery   =    3.25%#
  96) 4-Terphenyl-d14            10.769  244      3507     0.124 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =   12.40%#

   Target Compounds                                                  Qvalue
   2) n-Nitrosodimethylamine      2.222   74       291M2    0.077 ug/ml
   3) Pyridine                    2.305   79       565M2    0.085 ug/ml
   5) Aniline                     4.511   93       749      0.078 ug/ml#    35
   6) 2-Chlorophenol              4.628  128       830      0.122 ug/ml#    34
   8) Phenol                      4.516   94       881      0.102 ug/ml#    47
   9) Bis(2-chloroethyl)ether     4.593   93       646      0.103 ug/ml#    78
  10) 1,3-Dichlorobenzene         4.775  146       830      0.104 ug/ml#    68
  11) 1,4-Dichlorobenzene         4.846  146       950      0.114 ug/ml#    89
  12) 1,2-Dichlorobenzene         4.993  146       891      0.112 ug/ml#    24
  13) Benzyl alcohol              4.981   79       530      0.100 ug/ml#    13
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL1.D
Acq On : 13 Mar 2025 04:49 pm
Operator : SV112:ljg
Sample : IL10,32,,ABNL0.1 Lot# 11433
Misc : WG2040627
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 14 10:46:35 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
14) Bis(2-chloroisopropyl)...	5.128	45	988	0.108 ug/ml#	62
15) 2-Methylphenol	5.105	108	590	0.103 ug/ml#	80
16) Hexachloroethane	5.322	117	375M2	0.123 ug/ml	
17) n-Nitrosodi-n-propylamine	5.246	70	544	0.111 ug/ml#	62
18) 3-Methylphenol/4-Methy...	5.258	108	754	0.119 ug/ml#	94
20) Nitrobenzene	5.387	77	705	0.100 ug/ml#	38
21) Isophorone	5.634	82	1352	0.103 ug/ml#	67
22) 2-Nitrophenol	5.705	139	311M2	0.096 ug/ml	
23) 2,4-Dimethylphenol	5.769	107	717	0.106 ug/ml#	68
24) Bis(2-chloroethoxy)met...	5.858	93	1085	0.123 ug/ml#	50
25) 2,4-Dichlorophenol	5.940	162	538	0.087 ug/ml#	25
26) 1,2,4-Trichlorobenzene	6.016	180	855	0.109 ug/ml#	83
36) Naphthalene	6.087	128	2418	0.118 ug/ml#	47
37) Benzoic Acid	0.000		0	N.D.	
38) 4-Chloroaniline	6.152	65	236M2	0.092 ug/ml	
39) Hexachlorobutadiene	6.234	225	657	0.126 ug/ml#	19
40) p-Chloro-m-cresol	6.640	107	538	0.094 ug/ml#	71
41) 2-Methylnaphthalene	6.763	142	1510	0.118 ug/ml	93
42) 1-Methylnaphthalene	6.852	115	555	0.114 ug/ml	94
43) Hexachlorocyclopentadiene	6.934	237	692	0.110 ug/ml#	27
44) 2,4,6-Trichlorophenol	7.046	196	632	0.117 ug/ml#	84
45) 2,4,5-Trichlorophenol	7.075	196	517M3	0.095 ug/ml	
47) 2-Chloronaphthalene	7.228	162	1753	0.117 ug/ml	91
48) 2-Nitroaniline	7.334	138	316M2	0.078 ug/ml	
49) 1,4-Dinitrobenzene	7.463	168	265M2	0.120 ug/ml	
50) 1,3-Dinitrobenzene	7.540	168	274M2	0.111 ug/ml	
51) Dimethyl phthalate	7.534	163	2394	0.125 ug/ml#	77
52) Acenaphthylene	7.628	152	2799	0.115 ug/ml#	85
53) 2,6-Dinitrotoluene	7.575	165	329M3	0.094 ug/ml	
54) 1,2-Dinitrobenzene	7.616	168	129M2	0.079 ug/ml	
64) 3-Nitroaniline	7.728	138	419M2	0.112 ug/ml	
65) Acenaphthene	7.799	154	1643	0.126 ug/ml	93
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	7.963	168	2899	0.130 ug/ml	89
68) 2,4-Dinitrotoluene	7.963	165	434M3	0.089 ug/ml	
69) 4-Nitrophenol	7.910	65	234M3	0.084 ug/ml	
70) 2,3,5,6-Tetrachlorophenol	8.052	232	430M2	0.090 ug/ml	
71) 2,3,4,6-Tetrachlorophenol	8.093	232	476M2	0.098 ug/ml	
72) Diethyl phthalate	8.222	149	2185	0.120 ug/ml#	62
73) Fluorene	8.293	166	2115	0.120 ug/ml#	89

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL1.D
Acq On : 13 Mar 2025 04:49 pm
Operator : SV112:ljg
Sample : IL10,32,,ABNL0.1 Lot# 11433
Misc : WG2040627
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 14 10:46:35 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74)	4-Chlorophenyl phenyl ...	8.310	204	1154	0.124	ug/ml#	63
75)	4-Nitroaniline	8.316	138	324M2	0.083	ug/ml	
76)	4,6-Dinitro-o-cresol	8.352	198	171M2	0.060	ug/ml	
77)	NDPA/DPA	8.428	169	1558	0.108	ug/ml	86
78)	Azobenzene	8.463	77	1844	0.114	ug/ml#	55
80)	4-Bromophenyl phenyl e...	8.781	248	685	0.114	ug/ml#	43
81)	Hexachlorobenzene	8.834	284	891	0.125	ug/ml#	35
82)	Pentachlorophenol	9.022	266	340M2	0.089	ug/ml	
89)	Phenanthrene	9.216	178	3966	0.135	ug/ml	97
90)	Anthracene	9.263	178	3346	0.118	ug/ml	100
91)	Carbazole	9.428	167	2998	0.114	ug/ml#	87
92)	Di-n-butylphthalate	9.810	149	3247	0.110	ug/ml#	78
93)	Fluoranthene	10.369	202	4177	0.121	ug/ml	96
94)	Benzidine	10.510	184	596	0.032	ug/ml#	68
95)	Pyrene	10.581	202	4154	0.115	ug/ml	97
97)	Butyl benzyl phthalate	11.293	149	1232	0.096	ug/ml#	88
105)	Benzo(a)anthracene	11.822	228	4694	0.127	ug/ml	94
106)	3,3'-Dichlorobenzidine	11.816	252	1450	0.109	ug/ml#	84
107)	Chrysene	11.857	228	4544	0.128	ug/ml	95
108)	Bis(2-ethylhexyl)phtha...	11.928	149	1996	0.108	ug/ml#	95
109)	Di-n-octylphthalate	12.604	149	2989	0.101	ug/ml#	75
110)	Benzo(b)fluoranthene	12.922	252	4027	0.113	ug/ml#	93
111)	Benzo(k)fluoranthene	12.951	252	4380M3	0.123	ug/ml	
112)	Benzo(a)pyrene	13.240	252	3730	0.111	ug/ml#	83
114)	Indeno(1,2,3-cd)pyrene	14.287	276	3821M6	0.108	ug/mL	
115)	Dibenzo(a,h)anthracene	14.316	278	3733	0.109	ug/ml#	89
116)	Benzo(ghi)perylene	14.551	276	4281	0.121	ug/ml#	92

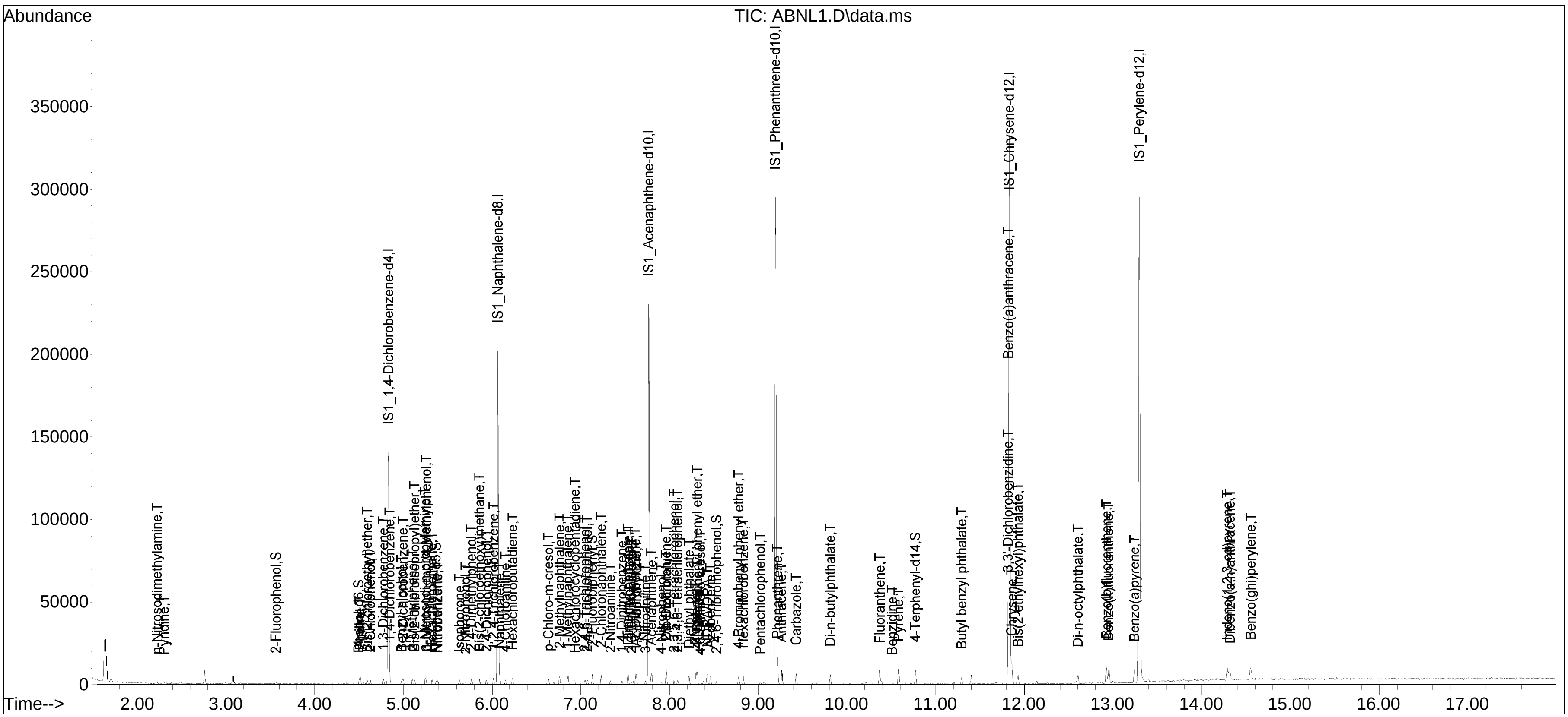
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNL1.D
Acq On   : 13 Mar 2025 04:49 pm
Operator : SV112:ljg
Sample   : IL10,32,,ABNL0.1 Lot# 11433
Misc   : WG2040627
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Mar 14 10:46:35 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:22:59 2025
Response via : Initial Calibration

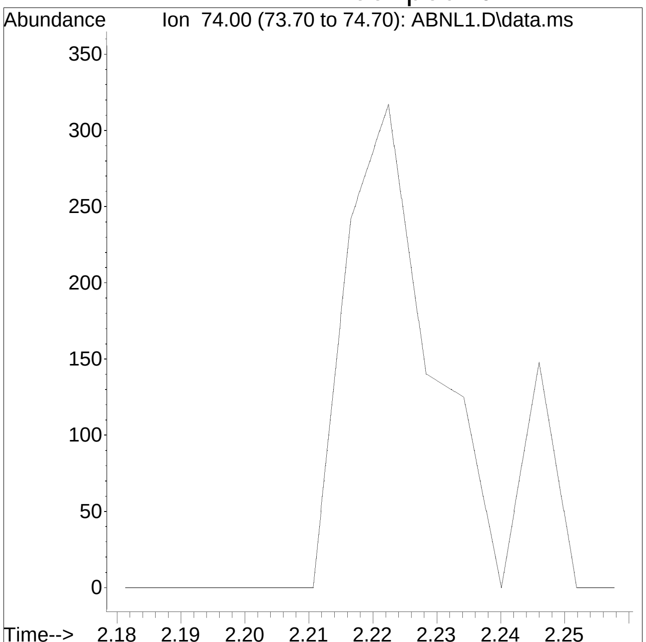
Sub List   : ABNical - ABN ical sublistTical\ABNL6.D•

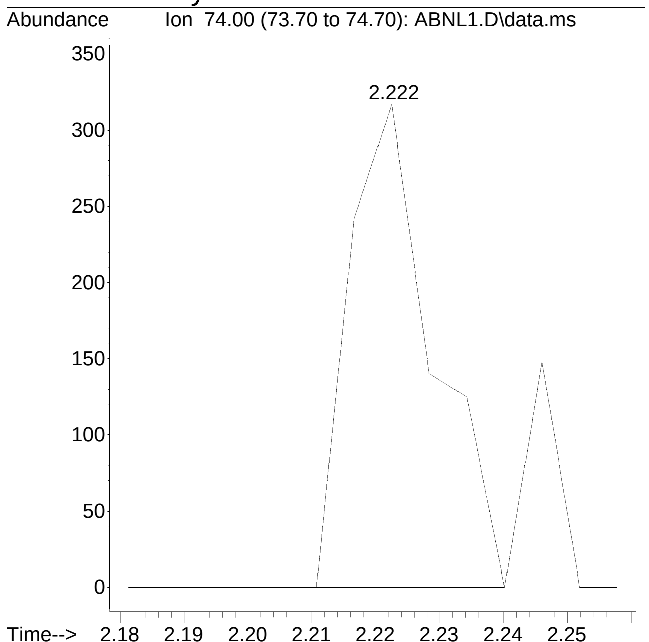


Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #2: n-Nitrosodimethylamine



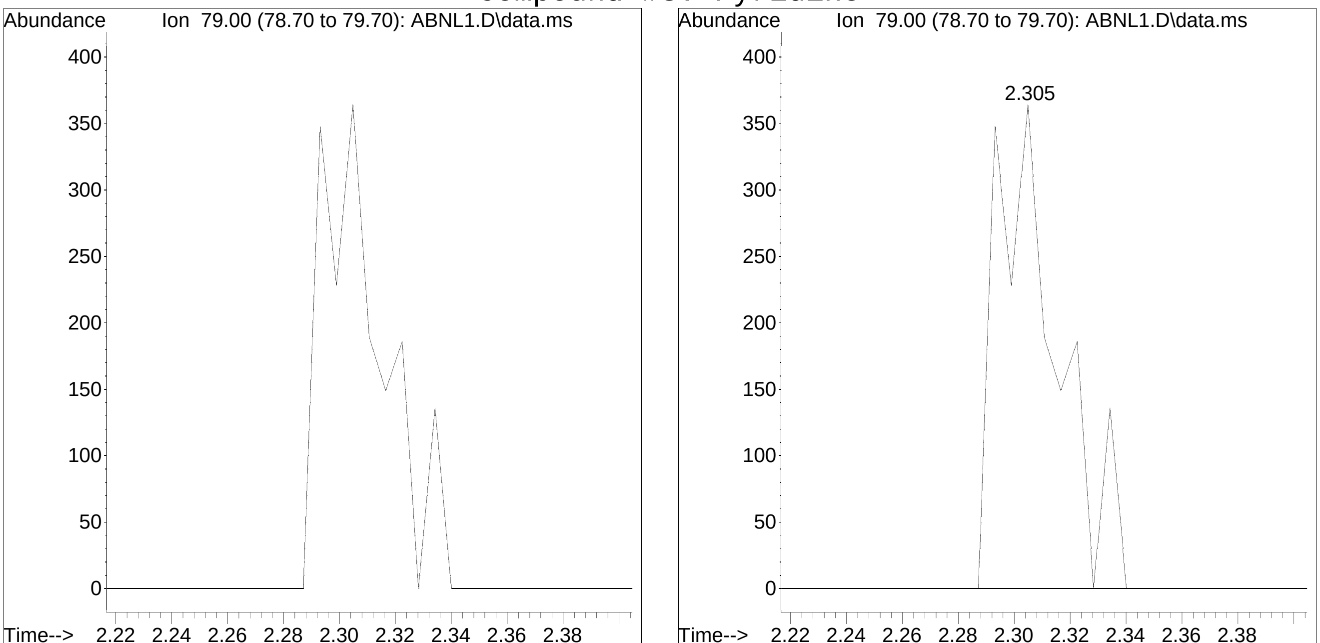


Original Peak Response = 0 Manual Peak Response = 291 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL1.D                   Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  4:49 pm        Instrument  : SV112
Sample       : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/13/2025  8:23 pm
```

Compound #3: Pyridine



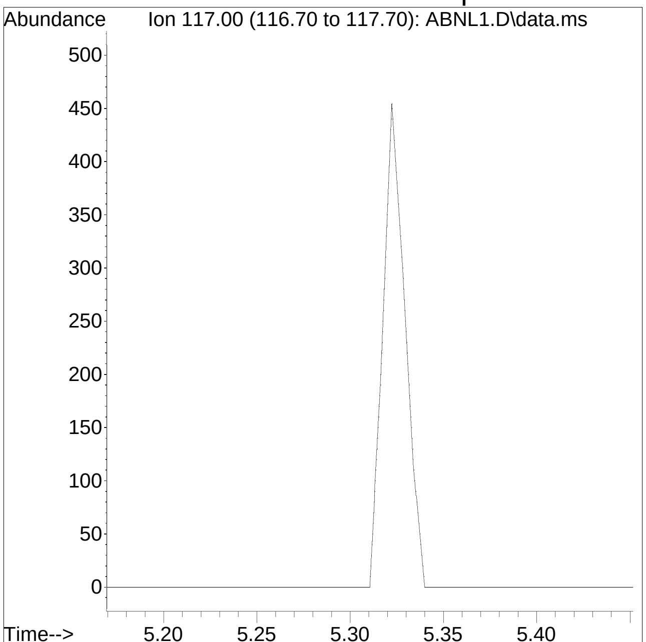
Original Peak Response = 0   Manual Peak Response = 565 M2

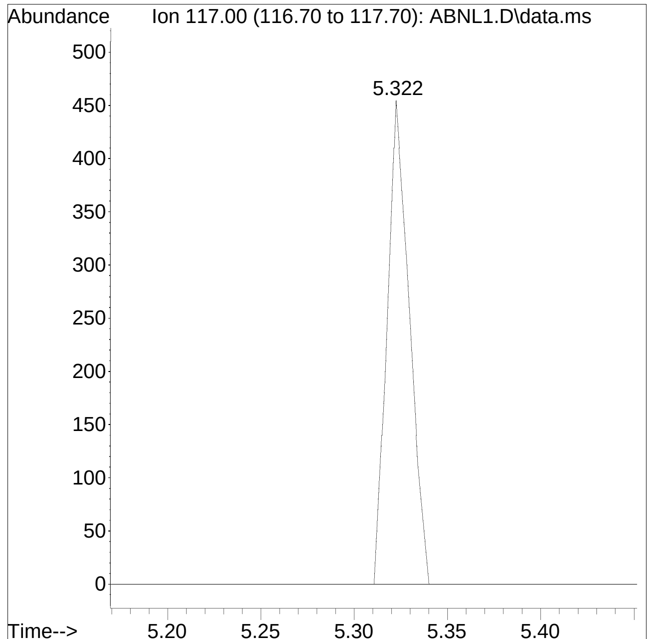
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL1.D                   Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  4:49 pm        Instrument  : SV112
Sample      : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/13/2025  8:23 pm
```

Compound #16: Hexachloroethane



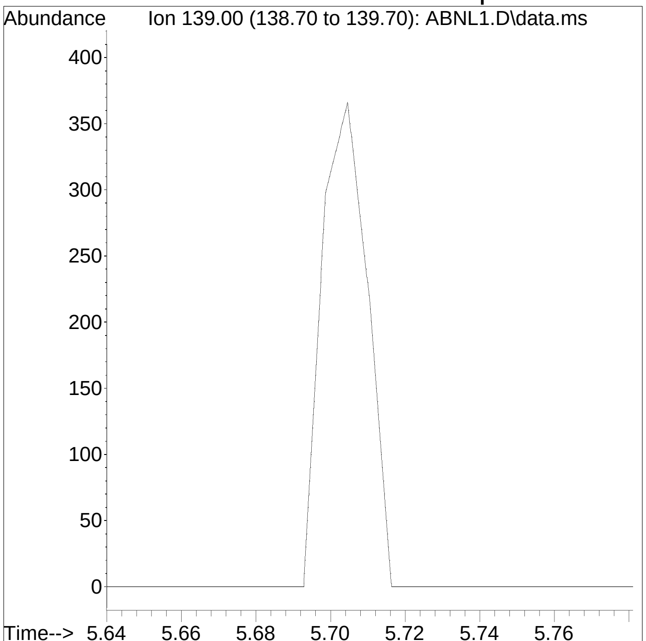


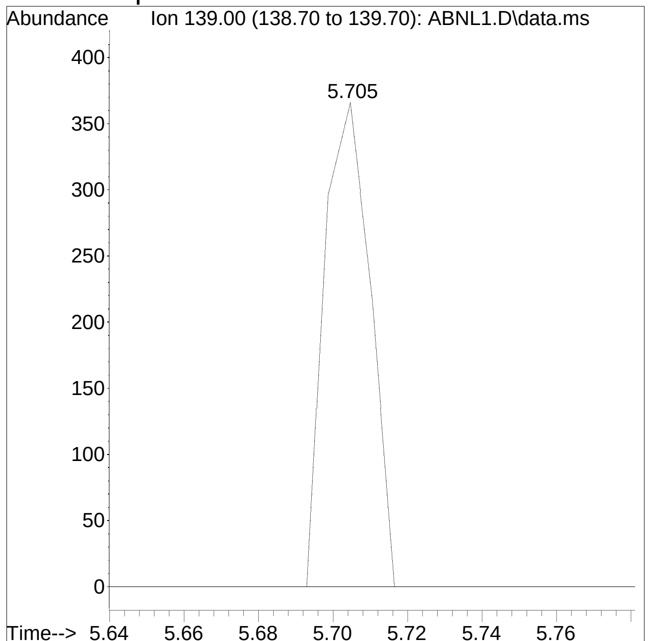
Original Peak Response = 0   Manual Peak Response = 375 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #22: 2-Nitrophenol



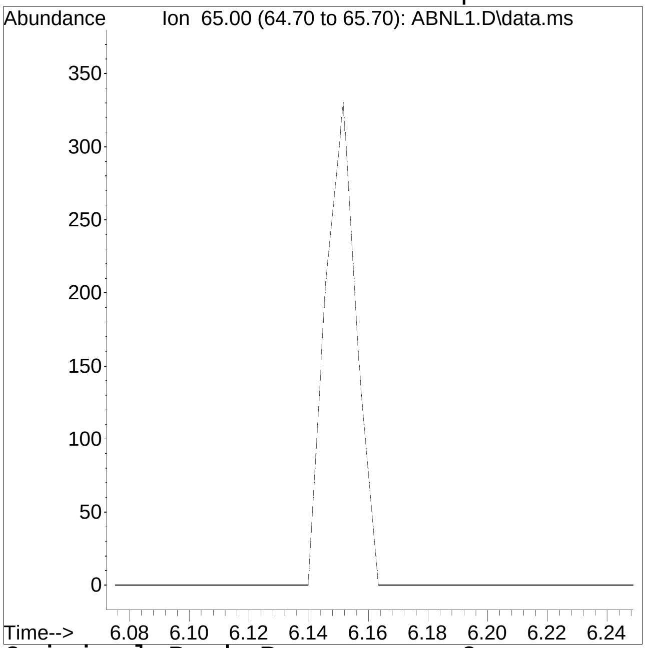


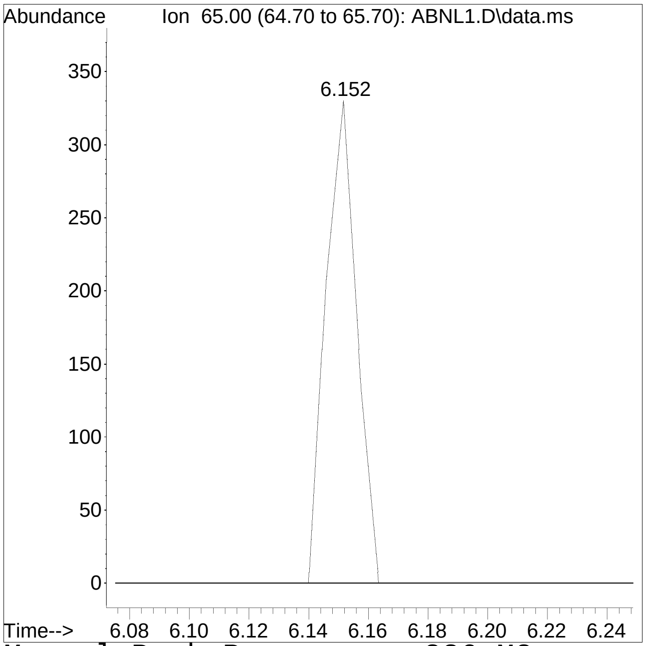
Original Peak Response = 0 Manual Peak Response = 311 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL1.D                  Operator     : SV112:ljg
Date Inj'd   : 3/13/2025  4:49 pm       Instrument   : SV112
Sample       : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/13/2025  8:23 pm
```

Compound #38: 4-Chloroaniline





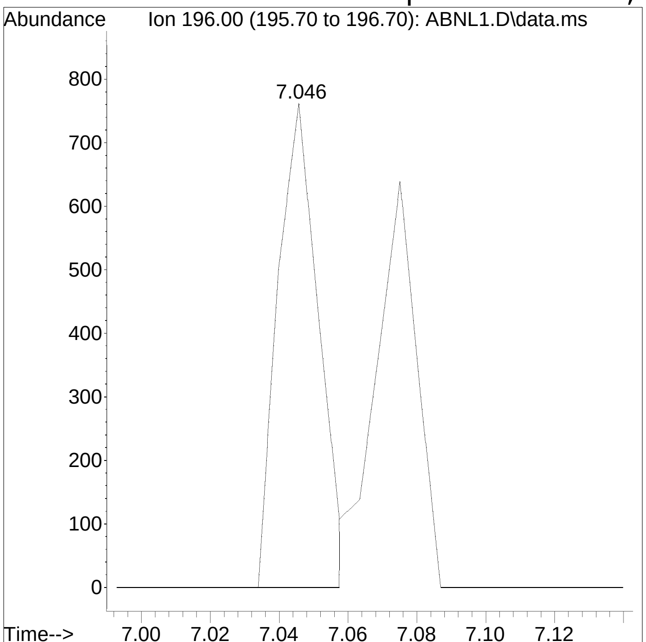
Original Peak Response = 0   Manual Peak Response = 236 M2

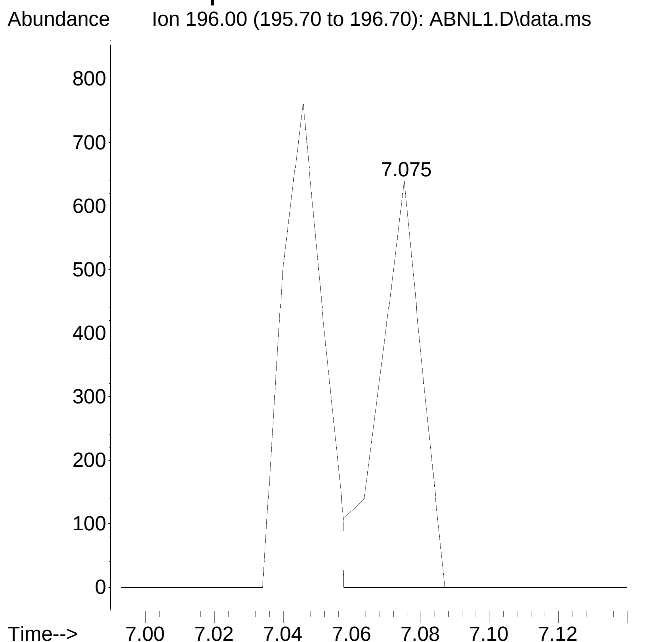
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path   : I:\8270\SV112\250313RVTicaQMethod   : FS250313SV112RVT.m
Data File   : ABNL1.D   Operator   : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm   Instrument : SV112
Sample   : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #45: 2,4,5-Trichlorophenol





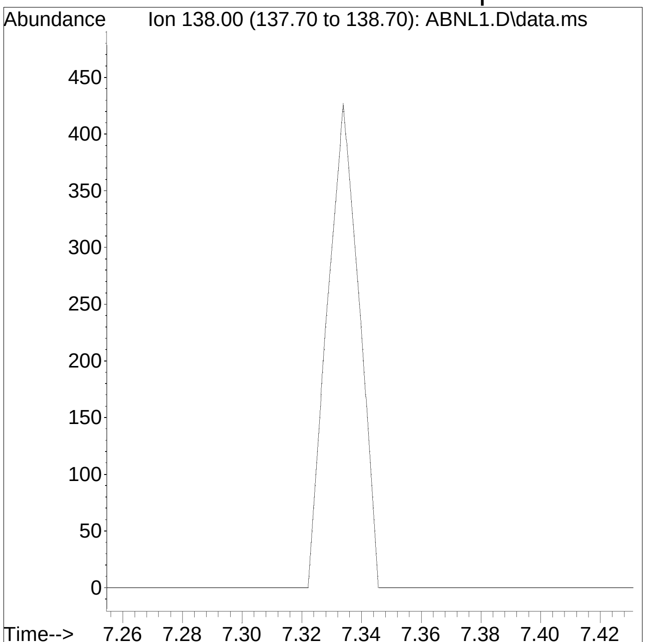
Original Peak Response = 632   Manual Peak Response = 517 M3

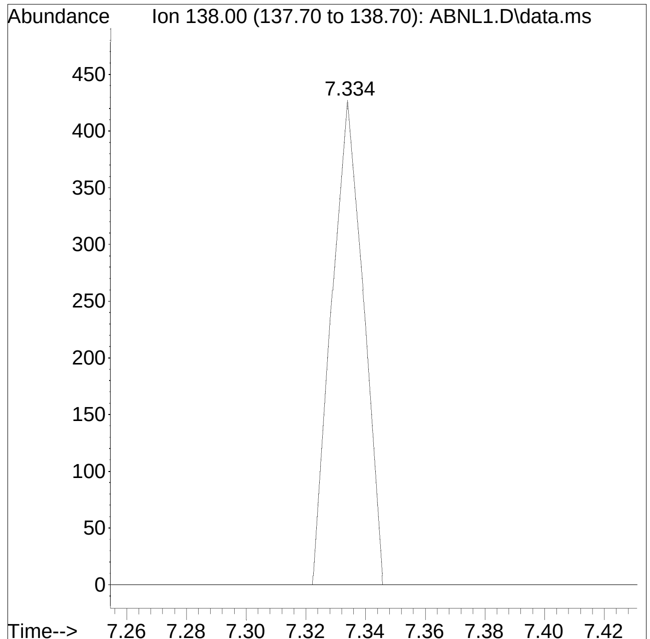
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL1.D                   Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  4:49 pm        Instrument  : SV112
Sample       : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/13/2025  8:23 pm
```

Compound #48: 2-Nitroaniline





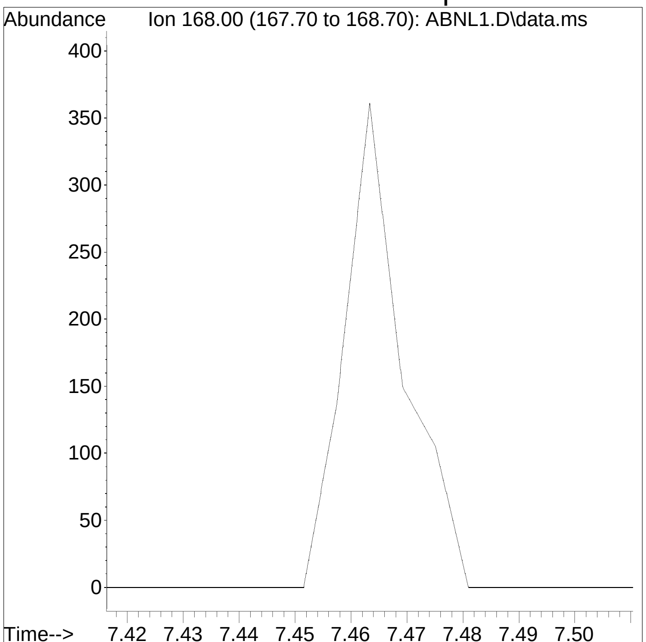
Original Peak Response = 0   Manual Peak Response = 316 M2

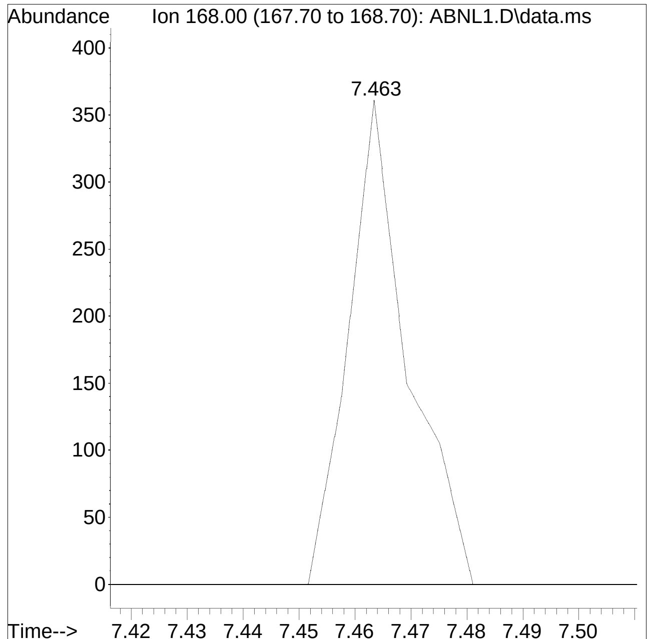
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #49: 1,4-Dinitrobenzene



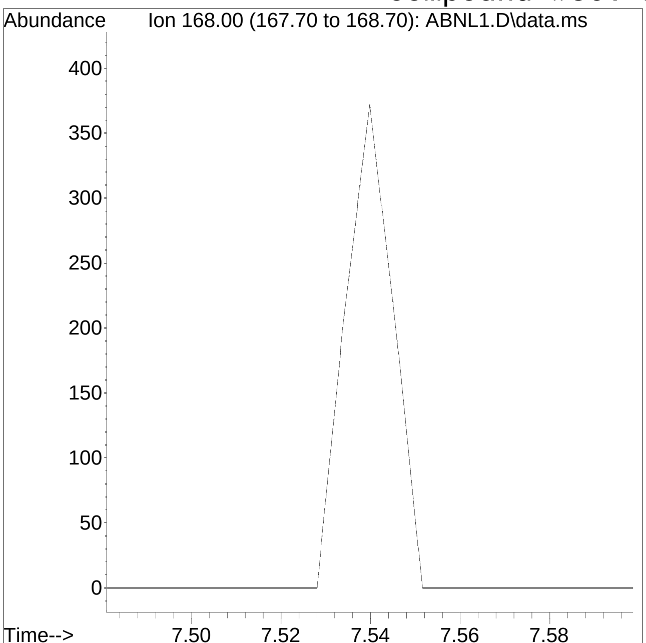


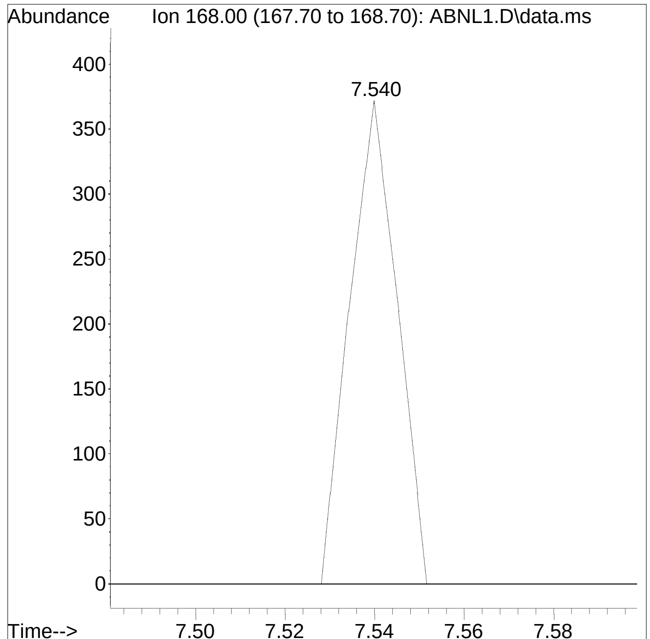
Original Peak Response = 0 Manual Peak Response = 265 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #50: 1,3-Dinitrobenzene



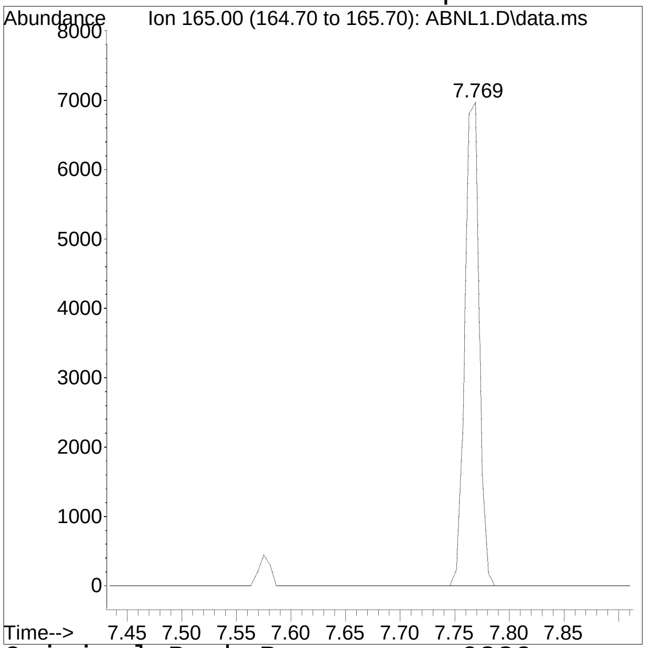


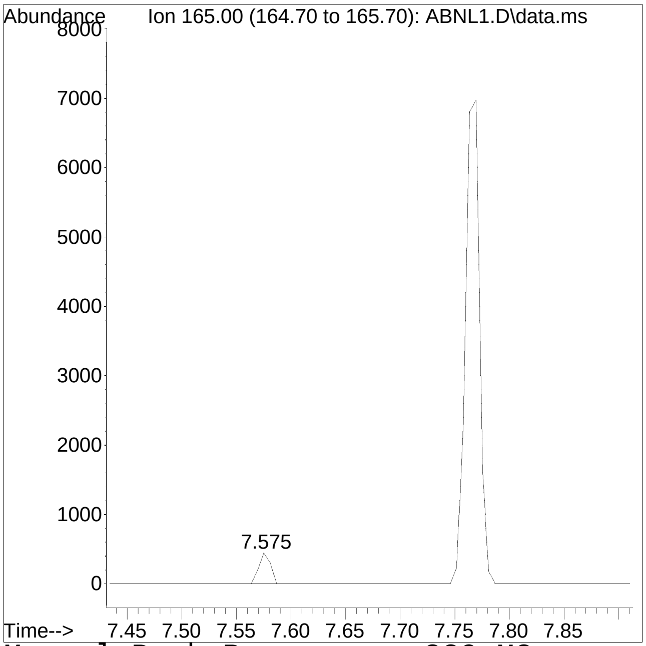
Original Peak Response = 0 Manual Peak Response = 274 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #53: 2,6-Dinitrotoluene



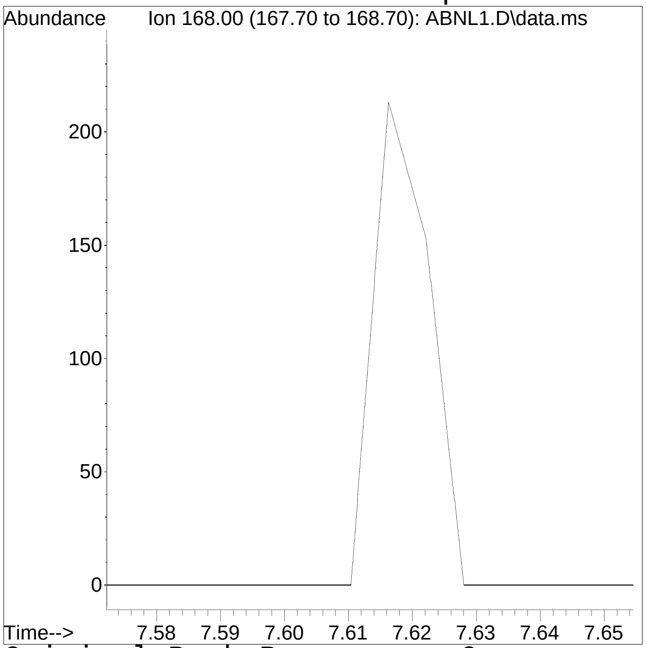


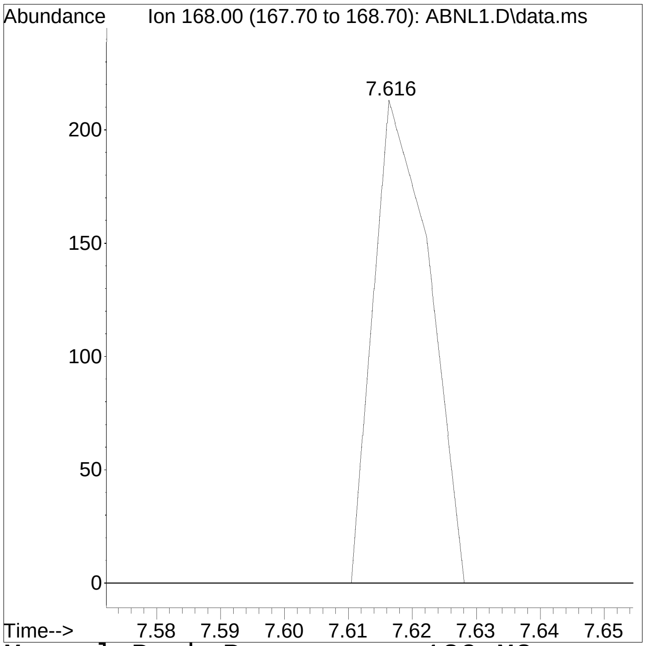
Original Peak Response = 6389 Manual Peak Response = 329 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #54: 1,2-Dinitrobenzene



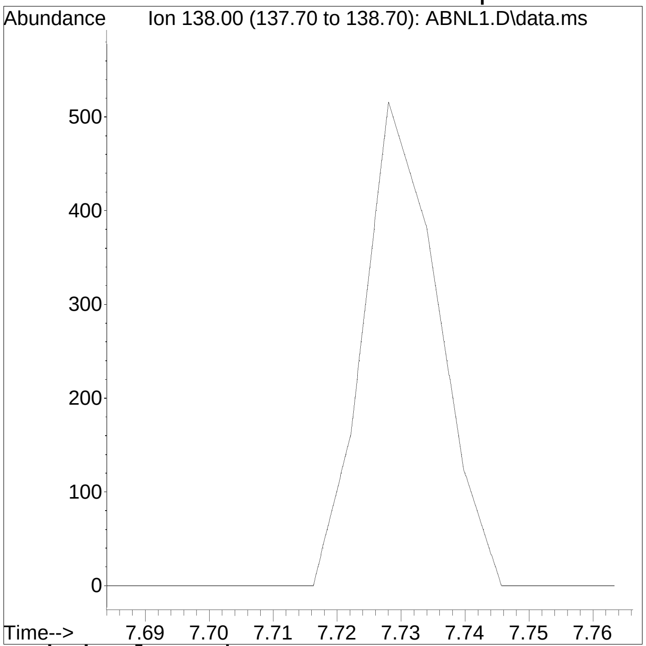


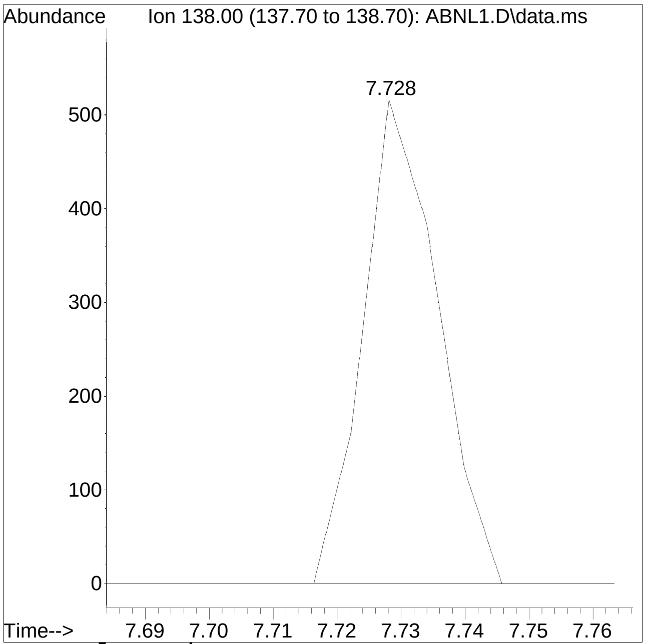
Original Peak Response = 0 Manual Peak Response = 129 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : ABNL1.D                   Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  4:49 pm        Instrument  : SV112
Sample       : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/13/2025  8:23 pm
```

Compound #64: 3-Nitroaniline





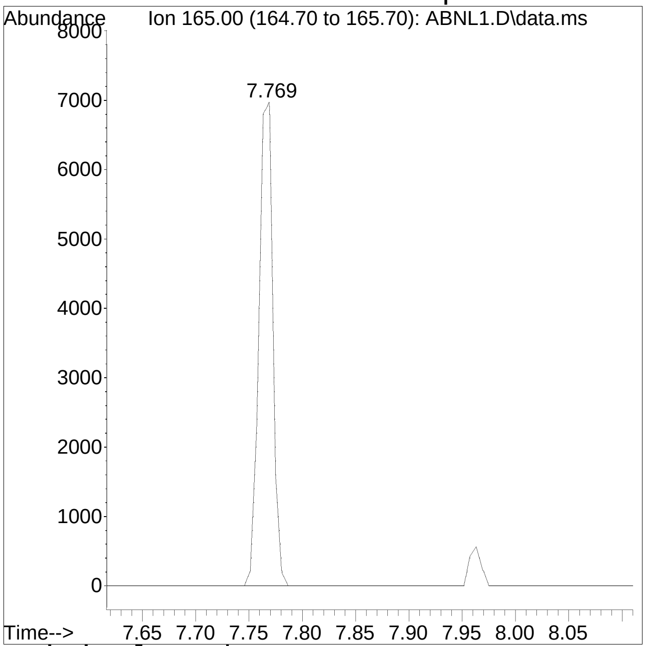
Original Peak Response = 0   Manual Peak Response = 419 M2

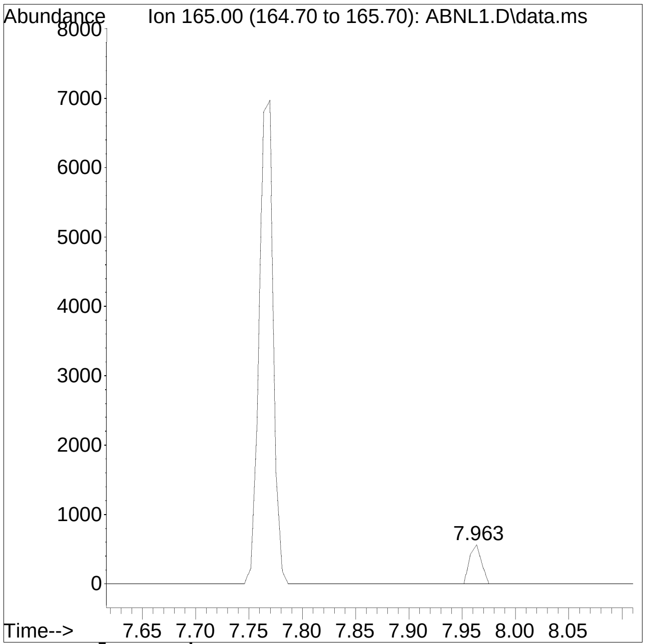
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #68: 2,4-Dinitrotoluene





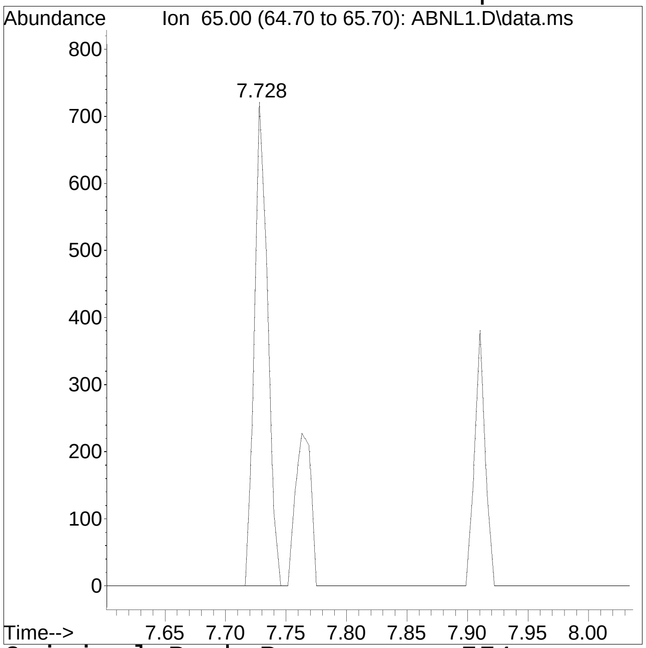
Original Peak Response = 6389 Manual Peak Response = 434 M3

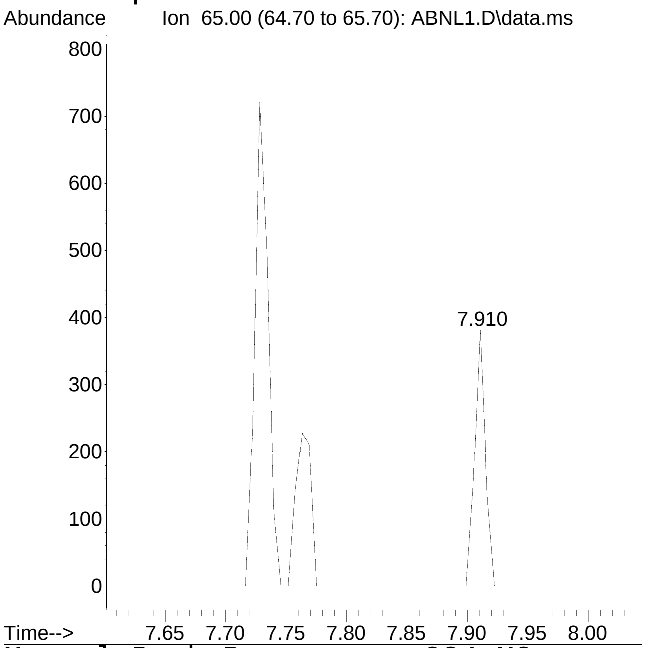
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\SV112\250313RVTicaQ	Method	: FS250313SV112RVT.m
Data File	: ABNL1.D	Operator	: SV112:ljg
Date Inj'd	: 3/13/2025 4:49 pm	Instrument	: SV112
Sample	: IL10,32,,ABNL0.1 Lot# 1143	Quant Date	: 3/13/2025 8:23 pm

Compound #69: 4-Nitrophenol





Original Peak Response = 551

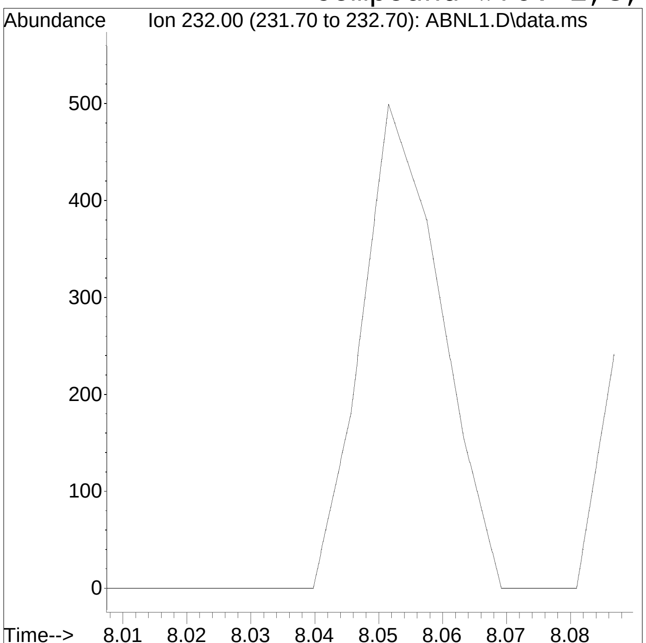
Manual Peak Response = 234 M3

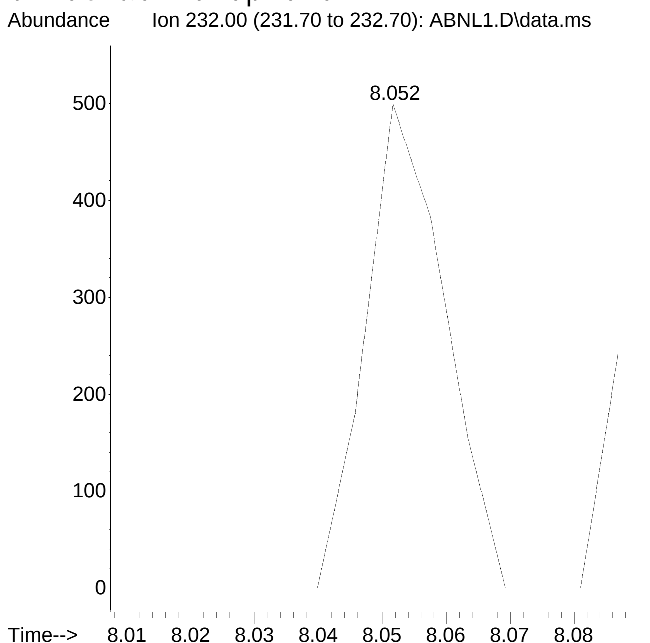
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL1.D                     Operator     : SV112:ljg
Date Inj'd  : 3/13/2025  4:49 pm          Instrument   : SV112
Sample      : IL10,32,,ABNL0.1 Lot# 1143Quant Date   : 3/13/2025  8:23 pm
```

Compound #70: 2,3,5,6-Tetrachlorophenol





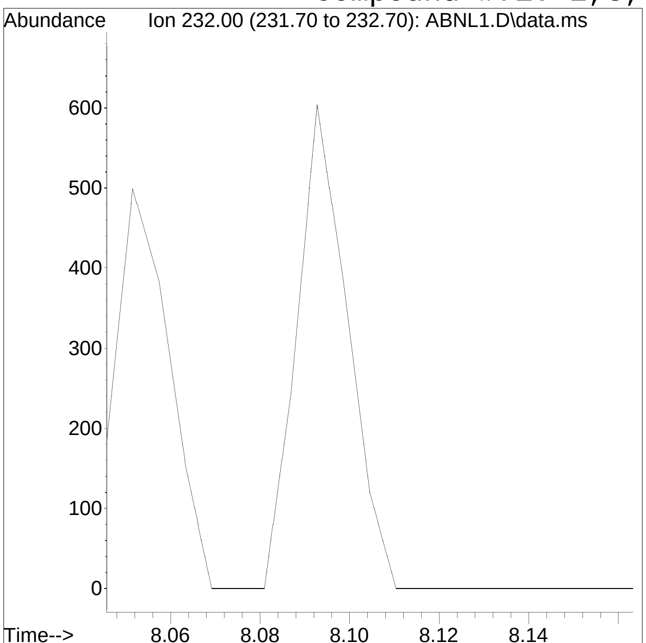
Original Peak Response = 0   Manual Peak Response = 430 M2

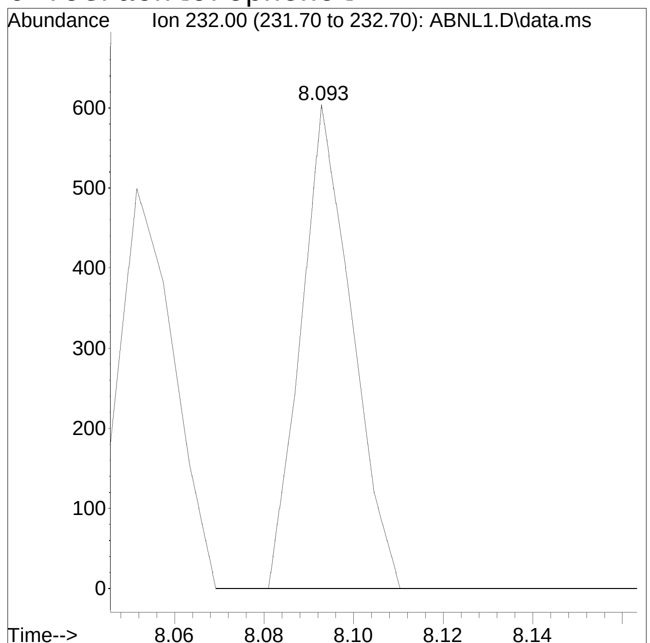
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #71: 2,3,4,6-Tetrachlorophenol



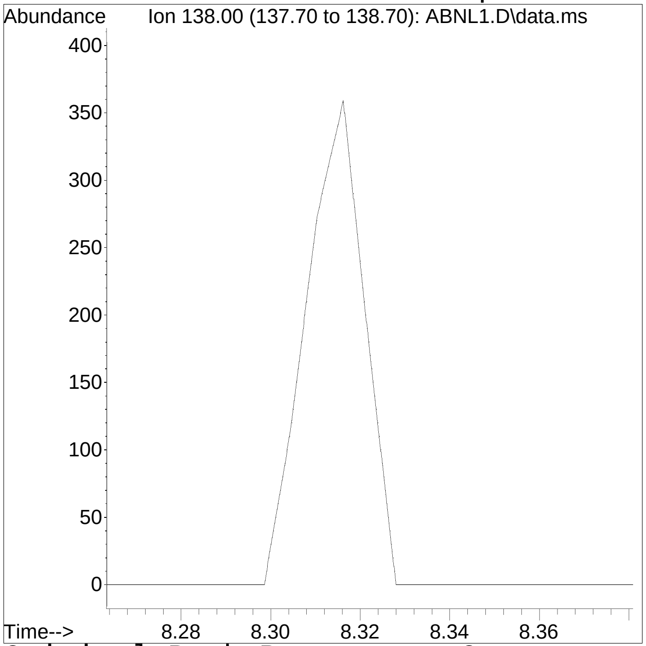


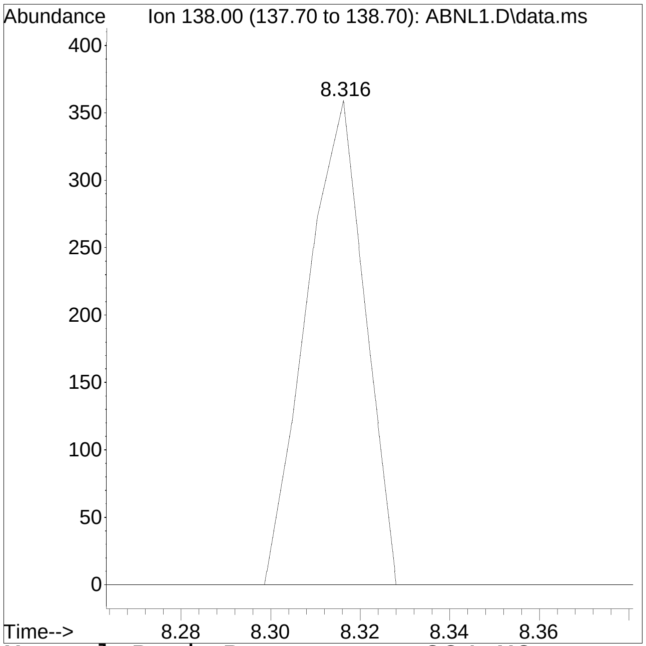
Original Peak Response = 0 Manual Peak Response = 476 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #75: 4-Nitroaniline



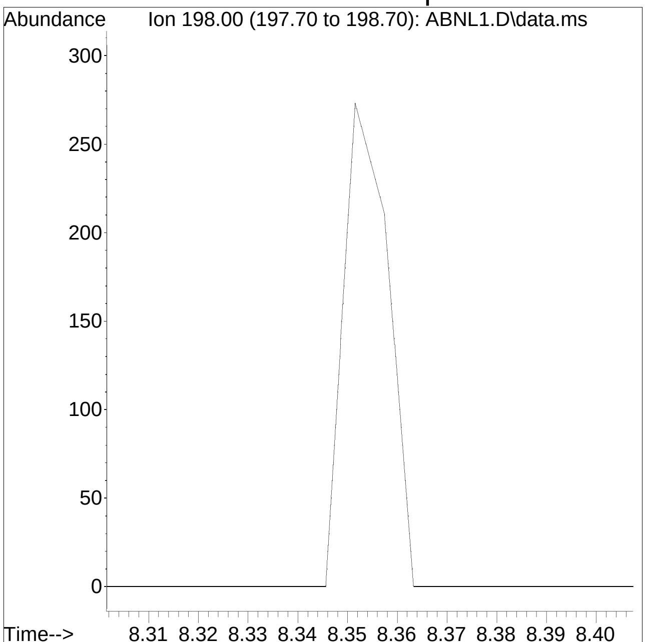


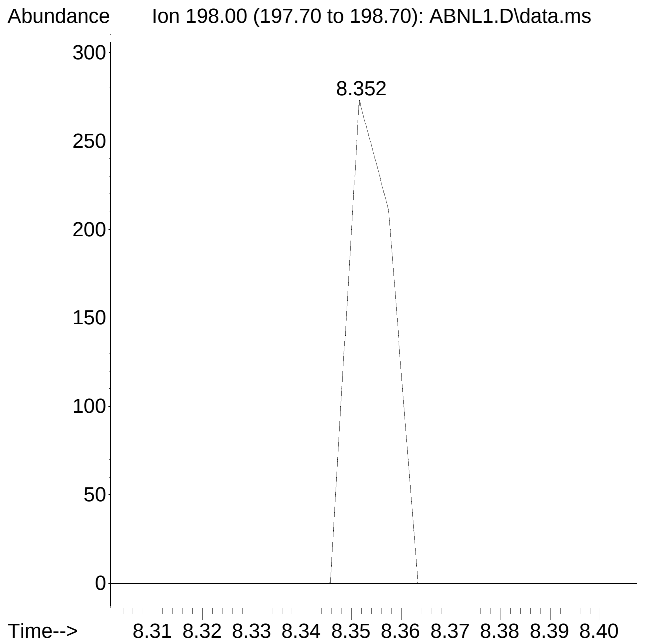
Original Peak Response = 0 Manual Peak Response = 324 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL1.D                   Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  4:49 pm        Instrument  : SV112
Sample      : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/13/2025  8:23 pm
```

Compound #76: 4,6-Dinitro-o-cresol





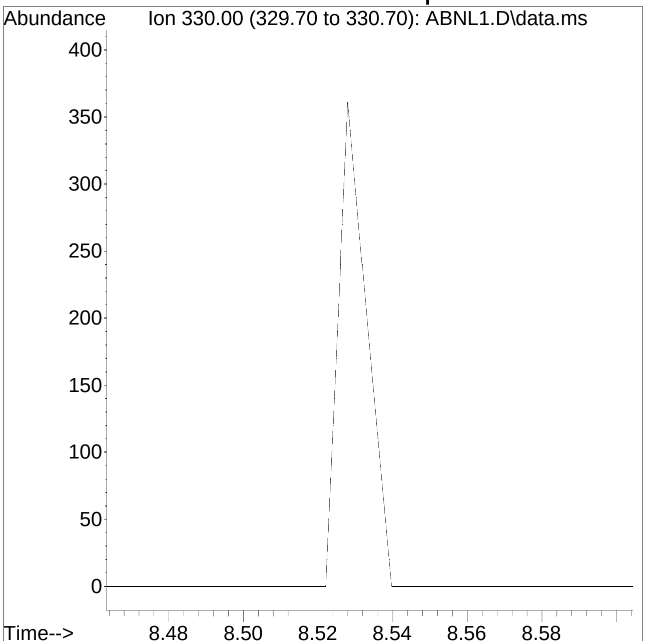
Original Peak Response = 0 Manual Peak Response = 171 M2

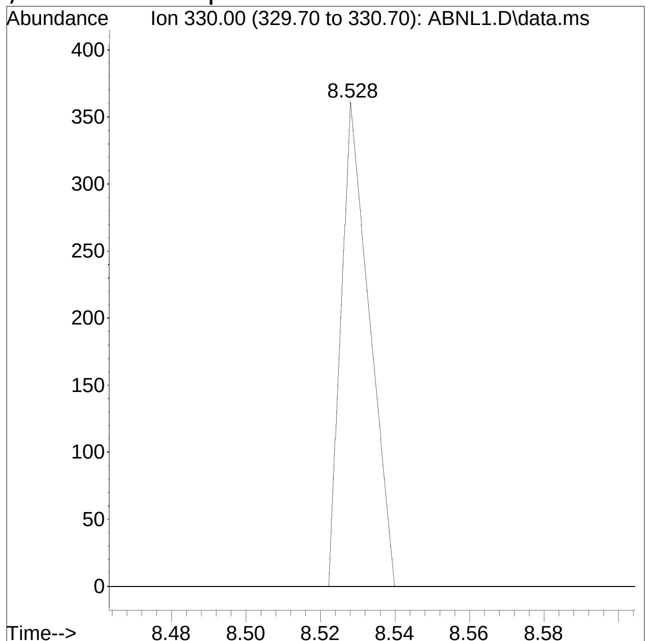
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path	: I:\8270\SV112\250313RVTicaQ	Method	: FS250313SV112RVT.m
Data File	: ABNL1.D	Operator	: SV112:ljg
Date Inj'd	: 3/13/2025 4:49 pm	Instrument	: SV112
Sample	: IL10,32,,ABNL0.1 Lot# 1143	Quant Date	: 3/13/2025 8:23 pm

Compound #79: 2,4,6-Tribromophenol





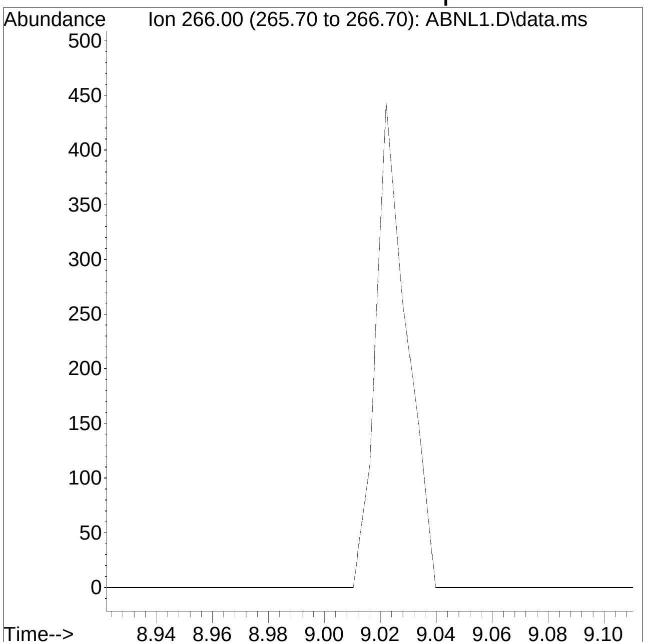
Original Peak Response = 0 Manual Peak Response = 190 M2

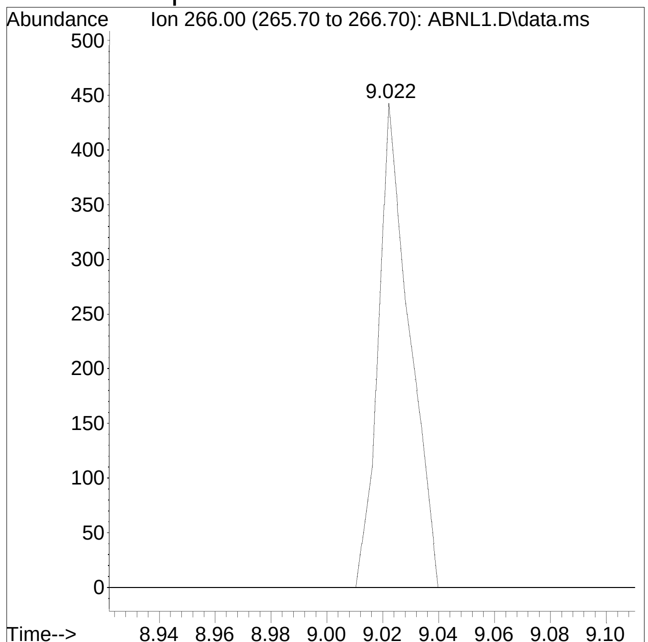
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : ABNL1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 4:49 pm Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot# 1143Quant Date : 3/13/2025 8:23 pm

Compound #82: Pentachlorophenol



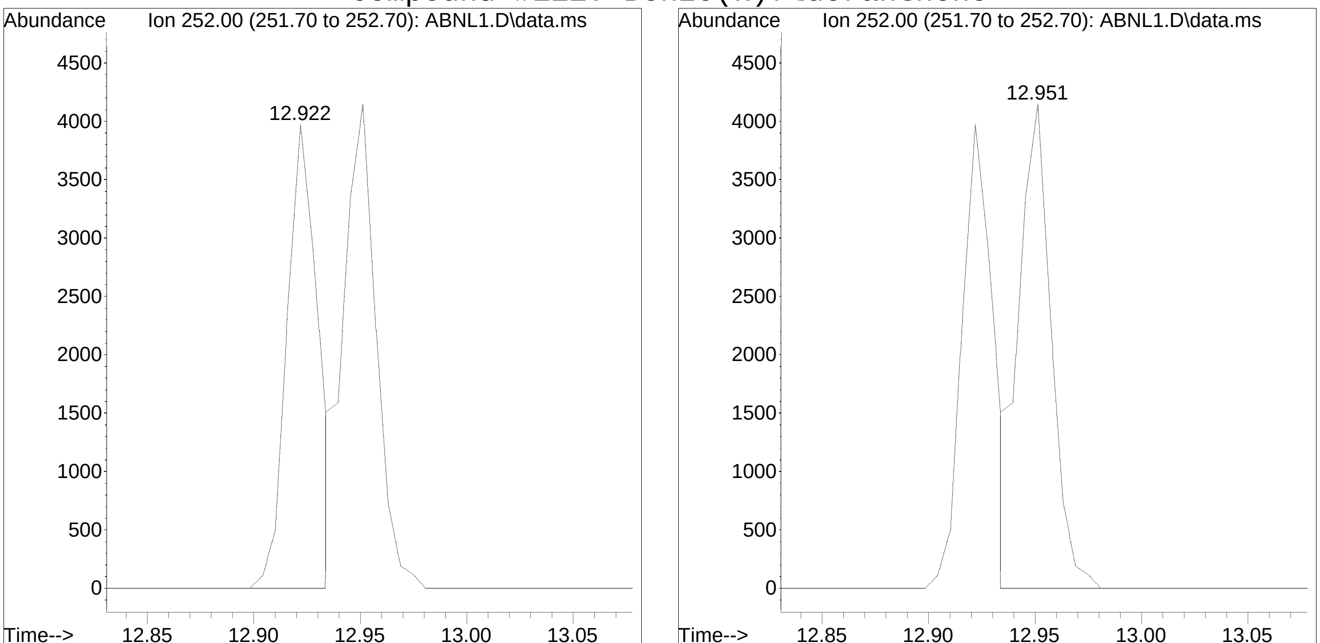


Original Peak Response = 0 Manual Peak Response = 340 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod      : FS250313SV112RVT.m
Data File   : ABNL1.D                    Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  4:49 pm         Instrument  : SV112
Sample      : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/13/2025  8:23 pm
```

Compound #111: Benzo(k)fluoranthene



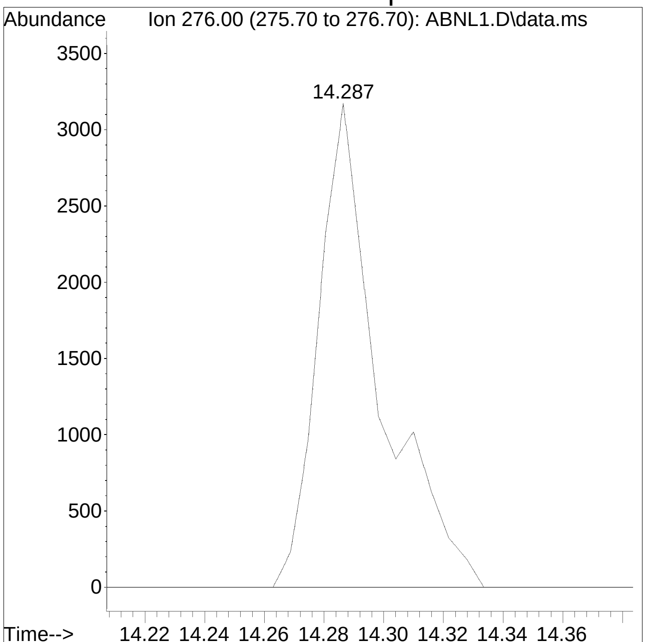
Original Peak Response = 4027   Manual Peak Response = 4380 M3

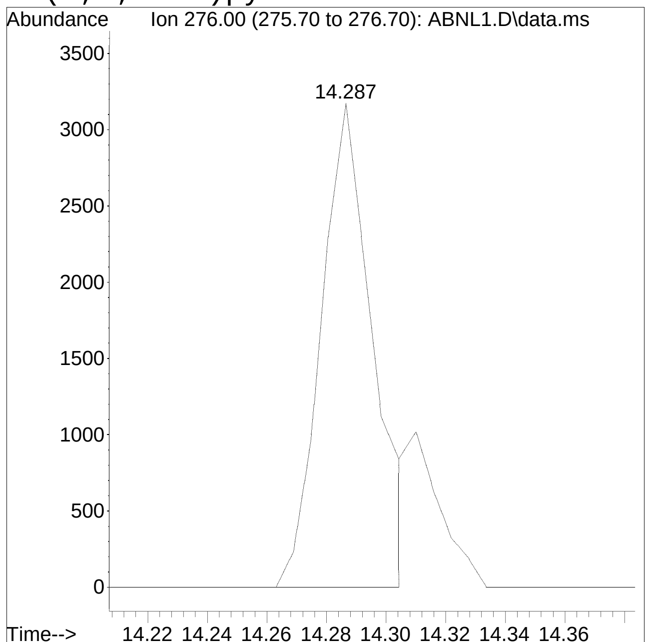
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNL1.D                   Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  4:49 pm        Instrument  : SV112
Sample      : IL10,32,,ABNL0.1 Lot# 1143Quant Date  : 3/13/2025  8:23 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 4584 Manual Peak Response = 3821 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L9.D
Acq On : 13 Mar 2025 05:12 pm
Operator : SV112:ljg
Sample : IL2,32,,AP9L50 Lot# 11434
Misc : WG2040627
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 20:37:03 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.834	152	23236	4.000 ug/ml	0.00
Standard Area 1 = 22127			Recovery	= 105.01%	
55) IS2_Naphthalene-d8	6.063	136	90222	4.000 ug/ml	0.00
Standard Area 1 = 82556			Recovery	= 109.29%	
83) IS2_Acenaphthene-d10	7.763	164	58178	4.000 ug/ml	0.00
Standard Area 1 = 51609			Recovery	= 112.73%	
98) IS2_Phenanthrene-d10	9.199	188	126664	4.000 ug/ml	# 0.00
Standard Area 1 = 116712			Recovery	= 108.53%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	4.399	105	295269	53.307 ug/ml	97
29) Acetophenone	5.228	105	518279	51.536 ug/ml	99
30) m-Toluidine	5.311	106	504525	55.592 ug/ml	98
31) 2-Chloroaniline	5.669	127	458501	52.292 ug/ml	98
56) a-Terpineol	6.122	59	314758	55.192 ug/ml	95
57) 3-Chloroaniline	6.134	65	163651	55.613 ug/ml	96
58) 2,6-Dichlorophenol	6.163	162	346281	53.886 ug/ml	91
59) 1-chloro-2-nitrobenzene	6.416	111	161702	52.112 ug/ml	93
60) Caprolactam	6.469	55	184143	50.207 ug/ml	96
61) 1,2,4,5-Tetrachloroben...	6.934	216	472035	47.758 ug/ml	98
62) Biphenyl	7.222	154	931914	46.422 ug/ml	93
84) Dichloran	8.893	206	162105	60.755 ug/ml#	67
85) Pentachloronitrobenzene	9.046	237	162877	57.536 ug/ml#	82
99) Diphenamid	10.099	167	786307	55.725 ug/ml	85

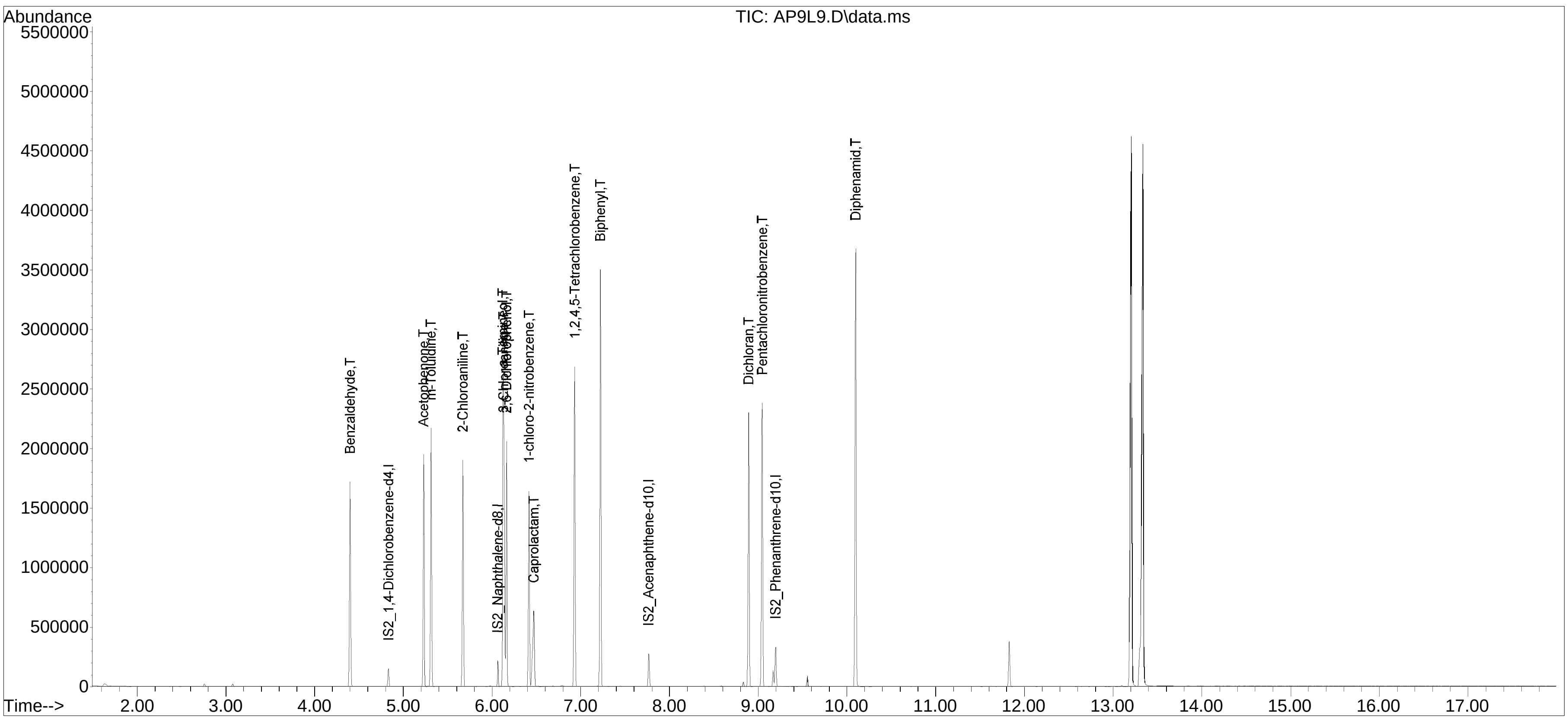
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L9.D
Acq On : 13 Mar 2025 05:12 pm
Operator : SV112:ljg
Sample : IL2,32,,AP9L50 Lot# 11434
Misc : WG2040627
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 20:37:03 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\250313RVTica	QMethod	: FS250313SV112RVT.m
Data File	: AP9L9.D	Operator	: SV112:ljg
Date Inj'd	: 3/13/2025 5:12 pm	Instrument	: SV112
Sample	: IL2,32,,AP9L50 Lot# 11434	Quant Date	: 3/13/2025 8:38 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L8.D
Acq On : 13 Mar 2025 05:35 pm
Operator : SV112:ljg
Sample : IL3,32,,AP9L25 Lot# 11435
Misc : WG2040627
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 20:36:53 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.834	152	22710	4.000 ug/ml	0.00
Standard Area 1 = 22127			Recovery =	102.63%	
55) IS2_Naphthalene-d8	6.063	136	87666	4.000 ug/ml	0.00
Standard Area 1 = 82556			Recovery =	106.19%	
83) IS2_Acenaphthene-d10	7.763	164	56174	4.000 ug/ml	0.00
Standard Area 1 = 51609			Recovery =	108.85%	
98) IS2_Phenanthrene-d10	9.193	188	123504	4.000 ug/ml	# 0.00
Standard Area 1 = 116712			Recovery =	105.82%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	4.399	105	157694	29.129 ug/ml	98
29) Acetophenone	5.228	105	277906	28.274 ug/ml	99
30) m-Toluidine	5.310	106	271575	30.617 ug/ml	97
31) 2-Chloroaniline	5.669	127	247664	28.900 ug/ml	99
56) a-Terpineol	6.122	59	166019	29.960 ug/ml	97
57) 3-Chloroaniline	6.134	65	85408	29.870 ug/ml	97
58) 2,6-Dichlorophenol	6.163	162	182980	29.304 ug/ml	92
59) 1-chloro-2-nitrobenzene	6.416	111	86633	28.733 ug/ml	95
60) Caprolactam	6.457	55	96203	27.088 ug/ml	96
61) 1,2,4,5-Tetrachloroben...	6.934	216	256992	26.759 ug/ml	96
62) Biphenyl	7.222	154	519547	26.635 ug/ml	96
84) Dichloran	8.893	206	82362	31.969 ug/ml#	67
85) Pentachloronitrobenzene	9.040	237	85759	31.375 ug/ml#	80
99) Diphenamid	10.093	167	423677	30.794 ug/ml	86

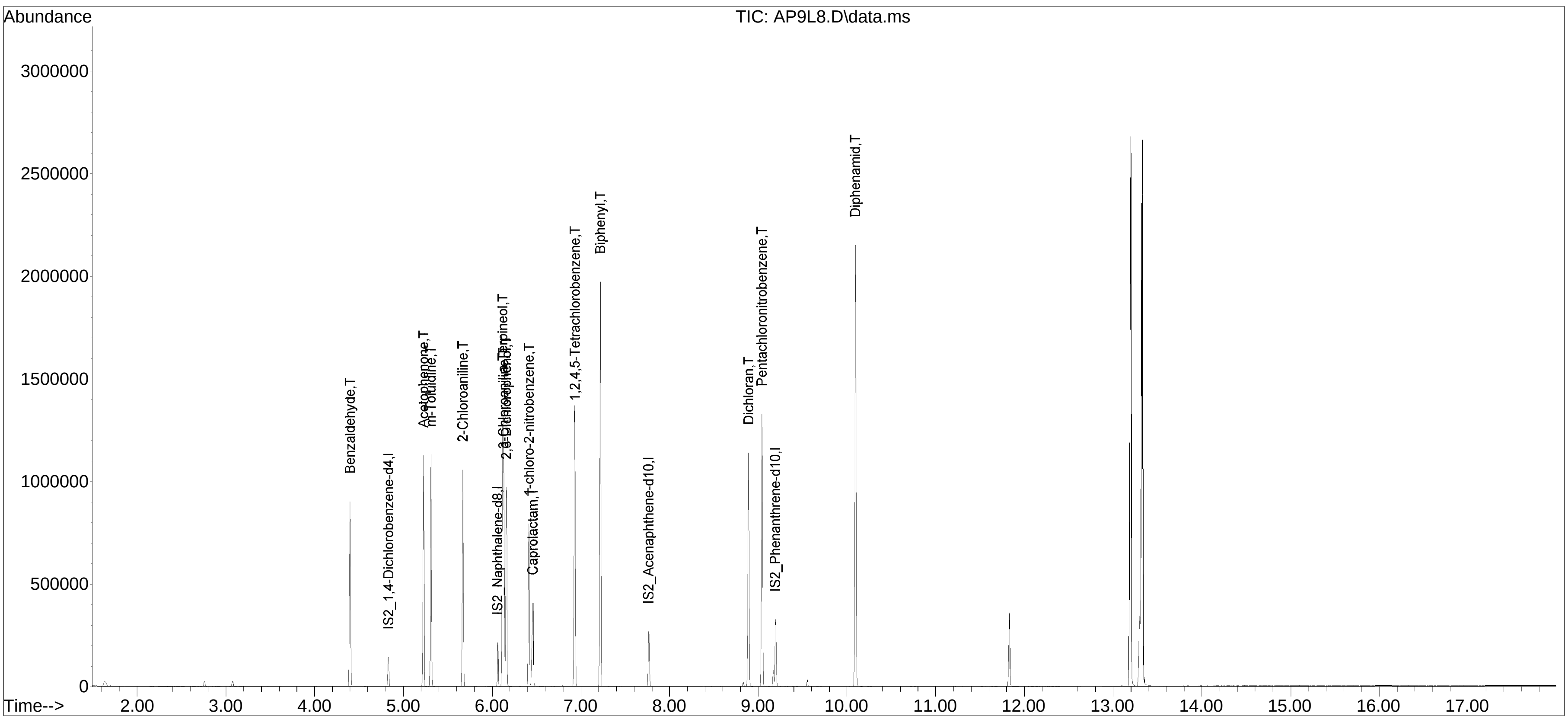
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L8.D
Acq On : 13 Mar 2025 05:35 pm
Operator : SV112:ljg
Sample : IL3,32,,AP9L25 Lot# 11435
Misc : WG2040627
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 20:36:53 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : AP9L8.D                     Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  5:35 pm          Instrument  : SV112
Sample      : IL3,32,,AP9L25 Lot# 11435 Quant Date  : 3/13/2025  8:37 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L7.D
Acq On : 13 Mar 2025 05:57 pm
Operator : SV112:ljg
Sample : IL4,32,,AP9L10 Lot# 11436
Misc : WG2040627
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 13 20:36:42 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.834	152	22134	4.000 ug/ml	0.00
Standard Area 1 = 22127			Recovery =	100.03%	
55) IS2_Naphthalene-d8	6.063	136	82724	4.000 ug/ml	0.00
Standard Area 1 = 82556			Recovery =	100.20%	
83) IS2_Acenaphthene-d10	7.763	164	51834	4.000 ug/ml	0.00
Standard Area 1 = 51609			Recovery =	100.44%	
98) IS2_Phenanthrene-d10	9.193	188	116003	4.000 ug/ml	# 0.00
Standard Area 1 = 116712			Recovery =	99.39%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	4.399	105	53330	10.107 ug/ml	99
29) Acetophenone	5.228	105	92720	9.679 ug/ml	98
30) m-Toluidine	5.310	106	90441	10.462 ug/ml	97
31) 2-Chloroaniline	5.669	127	81665	9.778 ug/ml	99
56) a-Terpineol	6.116	59	52449	10.030 ug/ml	93
57) 3-Chloroaniline	6.128	65	28165	10.439 ug/ml	99
58) 2,6-Dichlorophenol	6.157	162	60318	10.237 ug/ml	91
59) 1-chloro-2-nitrobenzene	6.410	111	27565	9.689 ug/ml	95
60) Caprolactam	6.446	55	30088	9.113 ug/ml	99
61) 1,2,4,5-Tetrachloroben...	6.928	216	84413	9.315 ug/ml	97
62) Biphenyl	7.222	154	175684	9.545 ug/ml	97
84) Dichloran	8.887	206	23504	9.887 ug/ml#	69
85) Pentachloronitrobenzene	9.040	237	25933	10.282 ug/ml#	83
99) Diphenamid	10.092	167	132967	10.289 ug/ml	87

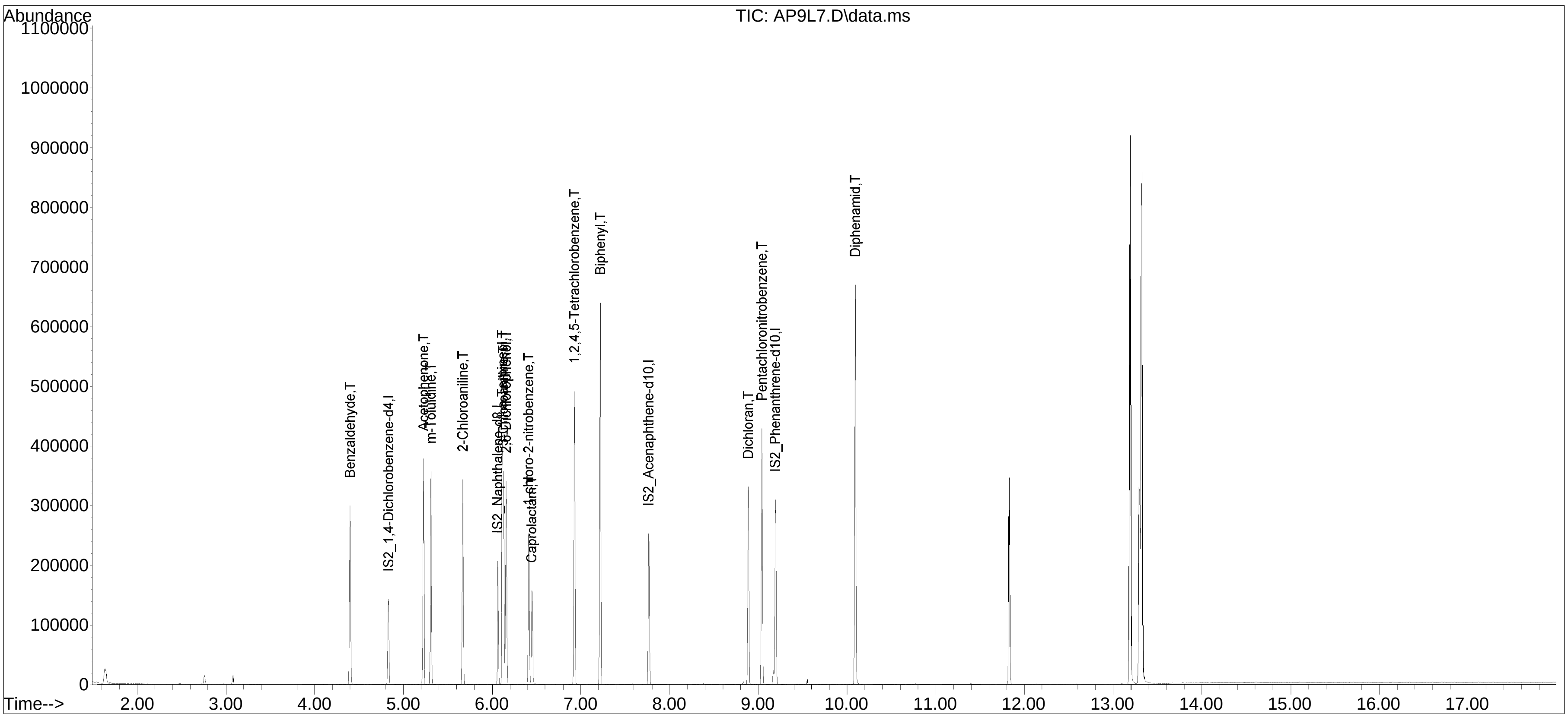
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L7.D
Acq On   : 13 Mar 2025 05:57 pm
Operator : SV112:ljg
Sample   : IL4,32,,AP9L10 Lot# 11436
Misc   : WG2040627
ALS Vial : 12   Sample Multiplier: 1

Quant Time: Mar 13 20:36:42 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\250313RVTica	QMethod	: FS250313SV112RVT.m
Data File	: AP9L7.D	Operator	: SV112:ljg
Date Inj'd	: 3/13/2025 5:57 pm	Instrument	: SV112
Sample	: IL4,32,,AP9L10 Lot# 11436	Quant Date	: 3/13/2025 8:37 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L6.D
Acq On : 13 Mar 2025 06:20 pm
Operator : SV112:ljg
Sample : IL5,32,,AP9L5 Lot# 11437
Misc : WG2040627
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 13 20:36:32 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.834	152	22127	4.000 ug/ml	0.00
Standard Area 1 = 22127			Recovery =	100.00%	
55) IS2_Naphthalene-d8	6.063	136	82556	4.000 ug/ml	0.00
Standard Area 1 = 82556			Recovery =	100.00%	
83) IS2_Acenaphthene-d10	7.763	164	51609	4.000 ug/ml	0.00
Standard Area 1 = 51609			Recovery =	100.00%	
98) IS2_Phenanthrene-d10	9.193	188	116712	4.000 ug/ml	# 0.00
Standard Area 1 = 116712			Recovery =	100.00%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	4.399	105	26694	5.061 ug/ml	97
29) Acetophenone	5.228	105	46142	4.818 ug/ml	98
30) m-Toluidine	5.310	106	44096	5.102 ug/ml	96
31) 2-Chloroaniline	5.669	127	41749	5.000 ug/ml	99
56) a-Terpineol	6.116	59	25632	4.912 ug/ml	94
57) 3-Chloroaniline	6.128	65	14851	5.515 ug/ml	91
58) 2,6-Dichlorophenol	6.157	162	28581	4.861 ug/ml	92
59) 1-chloro-2-nitrobenzene	6.410	111	13851	4.878 ug/ml	98
60) Caprolactam	6.446	55	13529	4.217 ug/ml	95
61) 1,2,4,5-Tetrachloroben...	6.928	216	44650	4.937 ug/ml#	94
62) Biphenyl	7.222	154	89594	4.877 ug/ml	98
84) Dichloran	8.887	206	10901	4.606 ug/ml#	71
85) Pentachloronitrobenzene	9.040	237	12741	5.074 ug/ml#	79
99) Diphenamid	10.093	167	63545	4.887 ug/ml	87

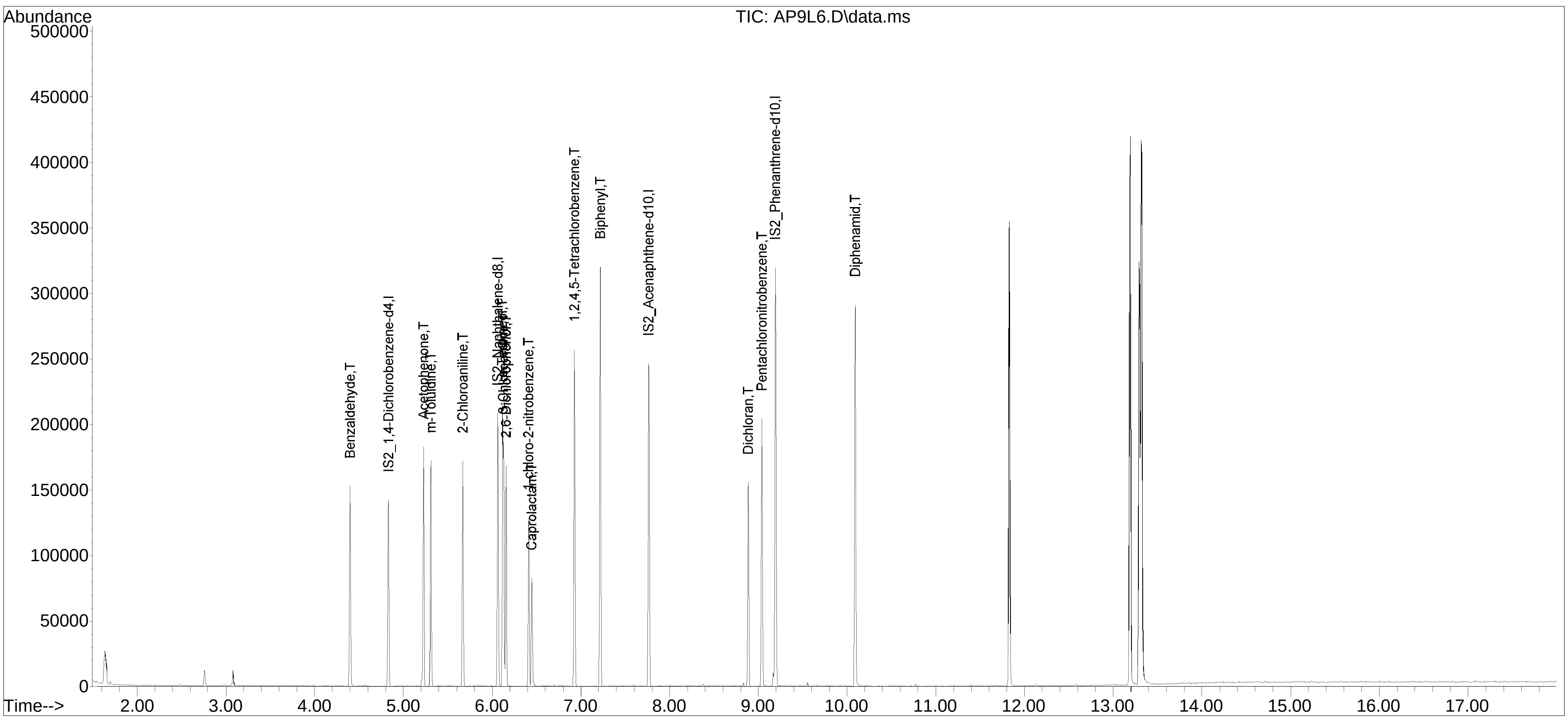
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L6.D
Acq On : 13 Mar 2025 06:20 pm
Operator : SV112:ljg
Sample : IL5,32,,AP9L5 Lot# 11437
Misc : WG2040627
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 13 20:36:32 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : AP9L6.D                 Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  6:20 pm      Instrument  : SV112
Sample      : IL5,32,,AP9L5 Lot# 11437  Quant Date  : 3/13/2025  8:37 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L5.D
Acq On : 13 Mar 2025 06:43 pm
Operator : SV112:ljg
Sample : IL6,32,,AP9L2.5 Lot# 11438
Misc : WG2040627
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 20:36:23 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.834	152	22339	4.000 ug/ml	0.00
Standard Area 1 = 22127			Recovery =	100.96%	
55) IS2_Naphthalene-d8	6.063	136	80184	4.000 ug/ml	0.00
Standard Area 1 = 82556			Recovery =	97.13%	
83) IS2_Acenaphthene-d10	7.763	164	49882	4.000 ug/ml	0.00
Standard Area 1 = 51609			Recovery =	96.65%	
98) IS2_Phenanthrene-d10	9.193	188	113498	4.000 ug/ml	# 0.00
Standard Area 1 = 116712			Recovery =	97.25%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	4.399	105	12571	2.361 ug/ml	98
29) Acetophenone	5.228	105	20871	2.159 ug/ml	96
30) m-Toluidine	5.310	106	19525	2.238 ug/ml	98
31) 2-Chloroaniline	5.669	127	19136	2.270 ug/ml	99
56) a-Terpineol	6.116	59	12013	2.370 ug/ml	97
57) 3-Chloroaniline	6.128	65	6429	2.458 ug/ml	99
58) 2,6-Dichlorophenol	6.157	162	12984	2.273 ug/ml	93
59) 1-chloro-2-nitrobenzene	6.410	111	6230	2.259 ug/ml	96
60) Caprolactam	6.446	55	5560	1.900 ug/ml	94
61) 1,2,4,5-Tetrachloroben...	6.928	216	20302	2.311 ug/ml	96
62) Biphenyl	7.222	154	42113	2.360 ug/ml	97
84) Dichloran	8.887	206	4815	2.105 ug/ml#	66
85) Pentachloronitrobenzene	9.040	237	5376	2.215 ug/ml#	83
99) Diphenamid	10.093	167	27947	2.210 ug/ml	88

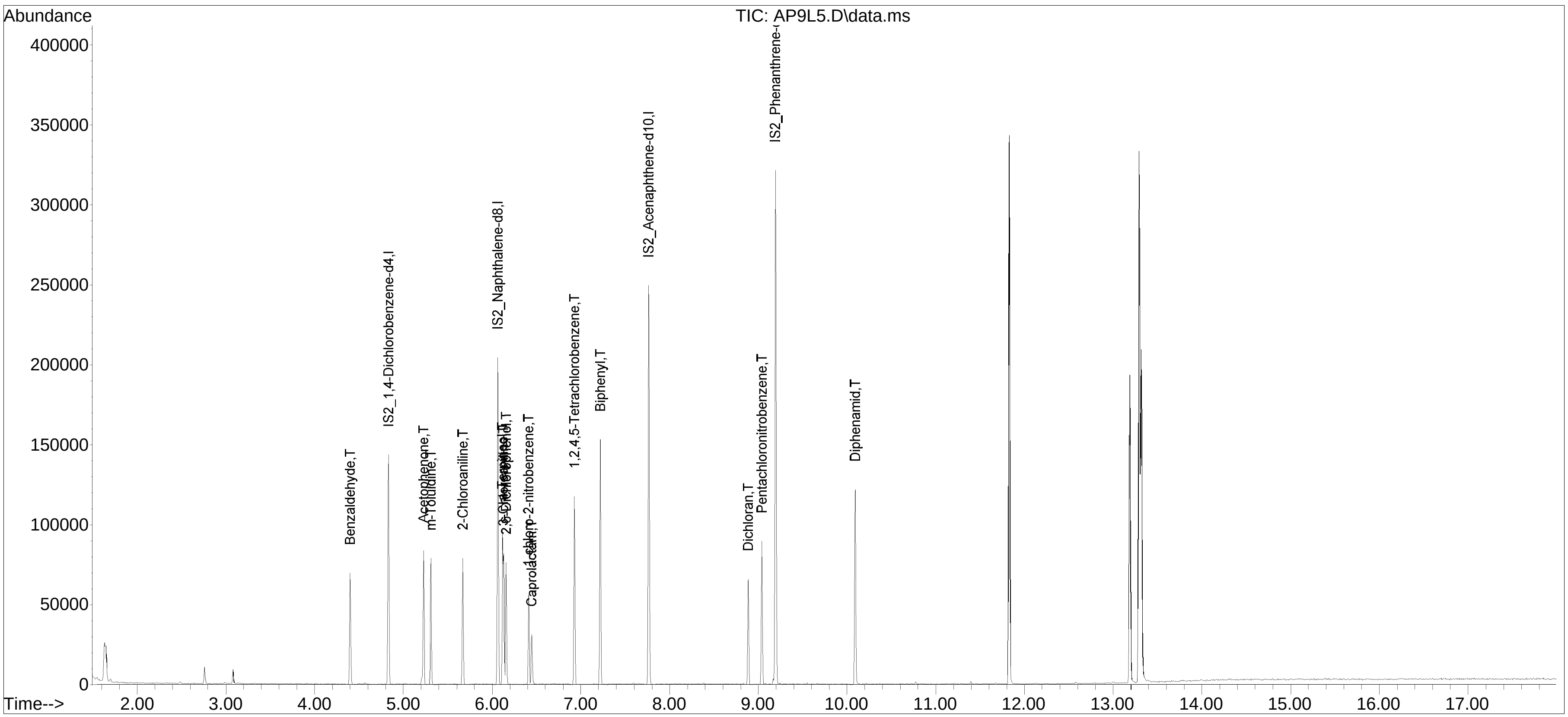
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L5.D
Acq On : 13 Mar 2025 06:43 pm
Operator : SV112:ljg
Sample : IL6,32,,AP9L2.5 Lot# 11438
Misc : WG2040627
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 20:36:23 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\250313RVTicaQ	Method	: FS250313SV112RVT.m
Data File	: AP9L5.D	Operator	: SV112:ljg
Date Inj'd	: 3/13/2025 6:43 pm	Instrument	: SV112
Sample	: IL6,32,,AP9L2.5 Lot# 11438	Quant Date	: 3/13/2025 8:37 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L4.D
Acq On    : 13 Mar 2025  07:06 pm
Operator  : SV112:ljg
Sample    : IL7,32,,AP9L1 Lot# 11439
Misc      : WG2040627
ALS Vial  : 15   Sample Multiplier: 1

Quant Time: Mar 13 20:36:14 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.834	152	22835	4.000 ug/ml	0.00
Standard Area 1 = 22127			Recovery =	103.20%	
55) IS2_Naphthalene-d8	6.063	136	86655	4.000 ug/ml	0.00
Standard Area 1 = 82556			Recovery =	104.97%	
83) IS2_Acenaphthene-d10	7.763	164	52240	4.000 ug/ml	0.00
Standard Area 1 = 51609			Recovery =	101.22%	
98) IS2_Phenanthrene-d10	9.193	188	117704	4.000 ug/ml	# 0.00
Standard Area 1 = 116712			Recovery =	100.85%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	4.399	105	5547	1.019 ug/ml	98
29) Acetophenone	5.228	105	9786	0.990 ug/ml	94
30) m-Toluidine	5.310	106	7878	0.883 ug/ml	99
31) 2-Chloroaniline	5.669	127	8707	1.010 ug/ml	99
56) a-Terpineol	6.116	59	5426	0.991 ug/ml	98
57) 3-Chloroaniline	6.128	65	2709	0.958 ug/ml	93
58) 2,6-Dichlorophenol	6.157	162	6027	0.976 ug/ml#	88
59) 1-chloro-2-nitrobenzene	6.410	111	2640	0.886 ug/ml	92
60) Caprolactam	6.446	55	2215	0.828 ug/ml	97
61) 1,2,4,5-Tetrachloroben...	6.928	216	9519	1.003 ug/ml	94
62) Biphenyl	7.222	154	19296	1.001 ug/ml	99
84) Dichloran	8.887	206	1872	0.781 ug/ml#	79
85) Pentachloronitrobenzene	9.040	237	2310	0.909 ug/ml#	80
99) Diphenamid	10.093	167	11866	0.905 ug/ml	85

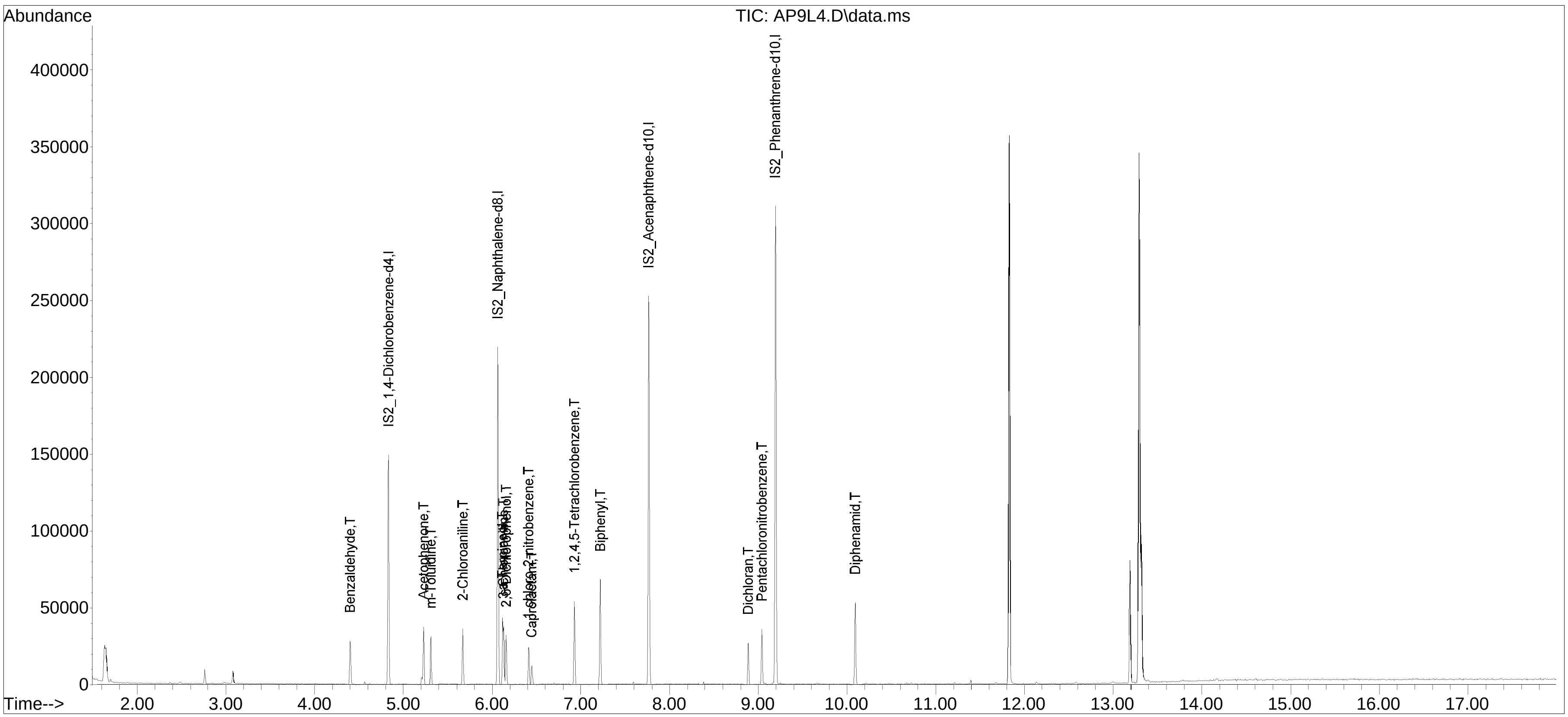
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L4.D
Acq On : 13 Mar 2025 07:06 pm
Operator : SV112:ljg
Sample : IL7,32,,AP9L1 Lot# 11439
Misc : WG2040627
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 13 20:36:14 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : AP9L4.D                  Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  7:06 pm       Instrument  : SV112
Sample      : IL7,32,,AP9L1 Lot# 11439  Quant Date  : 3/13/2025  8:37 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L3.D
Acq On    : 13 Mar 2025  07:29 pm
Operator  : SV112:ljg
Sample    : IL8,32,,AP9L0.5 Lot# 11440
Misc      : WG2040627
ALS Vial  : 16   Sample Multiplier: 1

Quant Time: Mar 13 20:36:05 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   4.834  152     22299     4.000 ug/ml    0.00
   Standard Area 1 = 22127                 Recovery   =  100.78%
55) IS2_Naphthalene-d8          6.063  136     83092     4.000 ug/ml    0.00
   Standard Area 1 = 82556                 Recovery   =  100.65%
83) IS2_Acenaphthene-d10        7.763  164     50238     4.000 ug/ml    0.00
   Standard Area 1 = 51609                 Recovery   =   97.34%
98) IS2_Phenanthrene-d10        9.193  188    112395     4.000 ug/ml  # 0.00
   Standard Area 1 = 116712                 Recovery   =   96.30%

 System Monitoring Compounds

 Target Compounds                                                 Qvalue
28) Benzaldehyde                4.399  105       3099      0.583 ug/ml     98
29) Acetophenone                5.228  105       5312      0.550 ug/ml     95
30) m-Toluidine                 5.310  106       3564      0.409 ug/ml#    94
31) 2-Chloroaniline             5.669  127       4577      0.544 ug/ml     97
56) a-Terpineol                 6.116   59       2856      0.544 ug/ml     89
57) 3-Chloroaniline             6.128   65       1433      0.529 ug/ml     90
58) 2,6-Dichlorophenol          6.157  162       3088      0.522 ug/ml     94
59) 1-chloro-2-nitrobenzene     6.410  111       1521      0.532 ug/ml     96
60) Caprolactam                 6.446   55       1205      0.557 ug/ml     93
61) 1,2,4,5-Tetrachloroben...   6.928  216       4947      0.543 ug/ml     98
62) Biphenyl                    7.222  154      10559      0.571 ug/ml    100
84) Dichloran                   8.887  206       1121      0.487 ug/ml#    66
85) Pentachloronitrobenzene     9.040  237       1163      0.476 ug/ml     89
99) Diphenamid                 10.092  167       5960      0.476 ug/ml#    88
 --------------------------------------------------------------------------

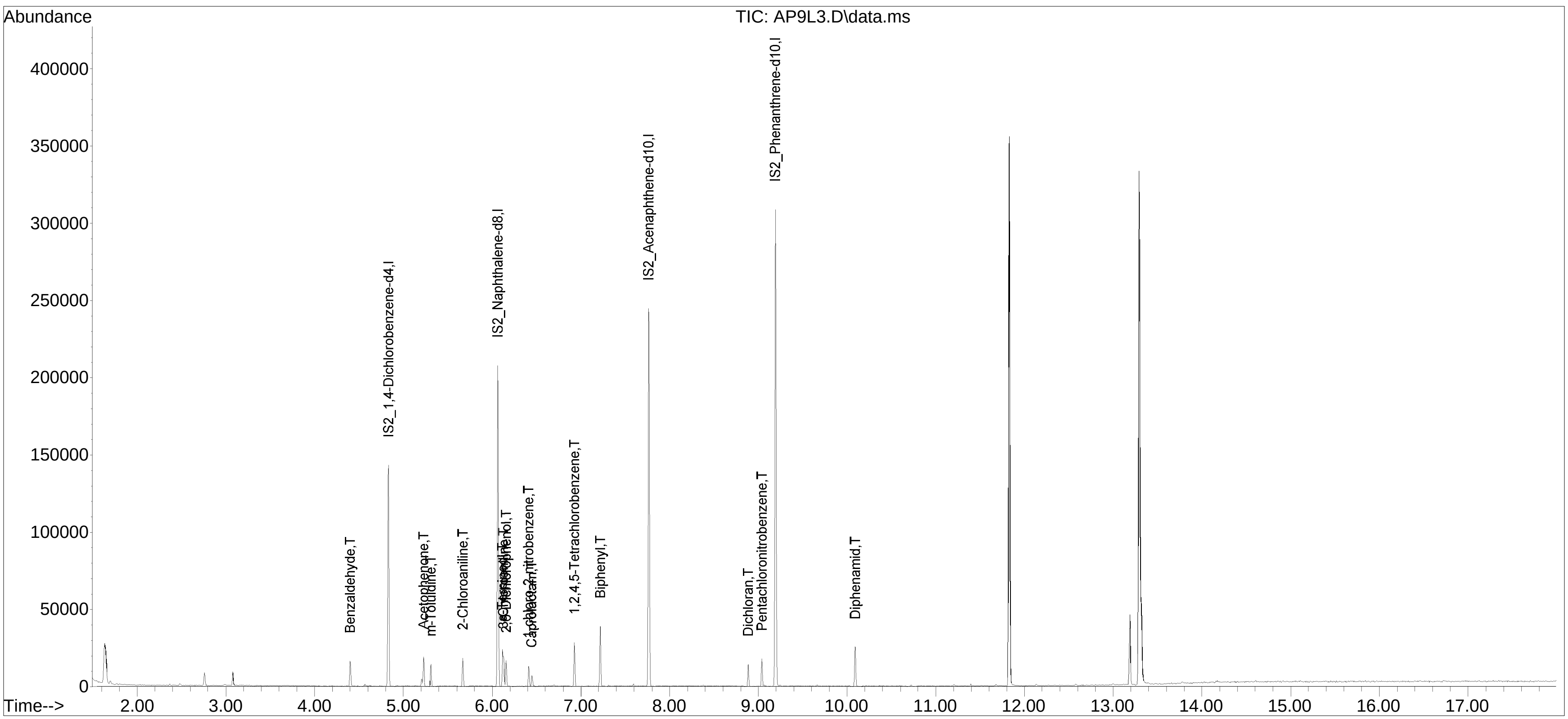
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L3.D
Acq On   : 13 Mar 2025 07:29 pm
Operator : SV112:ljg
Sample   : IL8,32,,AP9L0.5 Lot# 11440
Misc   : WG2040627
ALS Vial : 16   Sample Multiplier: 1

Quant Time: Mar 13 20:36:05 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistTical\AP9L6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : AP9L3.D                  Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  7:29 pm       Instrument  : SV112
Sample      : IL8,32,,AP9L0.5 Lot# 11440Quant Date  : 3/13/2025  8:37 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L2.D
Acq On    : 13 Mar 2025  07:51 pm
Operator  : SV112:ljg
Sample    : IL9,32,,AP9L0.2 Lot# 11441
Misc      : WG2040627
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Mar 13 20:35:56 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\AP9L6.D
Sub List     : AP9ical - AP9 ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
27) IS2_1,4-Dichlorobenzen...   4.834  152     23247     4.000 ug/ml    0.00
   Standard Area 1 = 22127                Recovery   =  105.06%
55) IS2_Naphthalene-d8          6.063  136     84978     4.000 ug/ml    0.00
   Standard Area 1 = 82556                Recovery   =  102.93%
83) IS2_Acenaphthene-d10        7.763  164     50100     4.000 ug/ml    0.00
   Standard Area 1 = 51609                Recovery   =   97.08%
98) IS2_Phenanthrene-d10        9.193  188    112344     4.000 ug/ml  # 0.00
   Standard Area 1 = 116712                Recovery   =   96.26%

 System Monitoring Compounds

 Target Compounds                                                   Qvalue
28) Benzaldehyde                4.405  105       976      0.176 ug/ml     94
29) Acetophenone                5.228  105      1779      0.177 ug/ml#    83
30) m-Toluidine                 5.310  106       520      0.057 ug/ml#    13
31) 2-Chloroaniline             5.669  127      1496      0.171 ug/ml#    46
56) a-Terpineol                 6.116   59       776      0.144 ug/ml#    77
57) 3-Chloroaniline             6.128   65       471M2    0.170 ug/ml
58) 2,6-Dichlorophenol          6.157  162      1059      0.175 ug/ml#    90
59) 1-chloro-2-nitrobenzene     6.416  111       546      0.187 ug/ml#    58
60) Caprolactam                 6.452   55       311M2    0.291 ug/ml
61) 1,2,4,5-Tetrachloroben...   6.928  216      1694      0.182 ug/ml#    88
62) Biphenyl                    7.222  154      3447      0.182 ug/ml     99
84) Dichloran                   8.887  206       343M2    0.149 ug/ml
85) Pentachloronitrobenzene     9.040  237       401M2    0.164 ug/ml
99) Diphenamid                 10.087  167      2156      0.172 ug/ml     95
 --------------------------------------------------------------------------

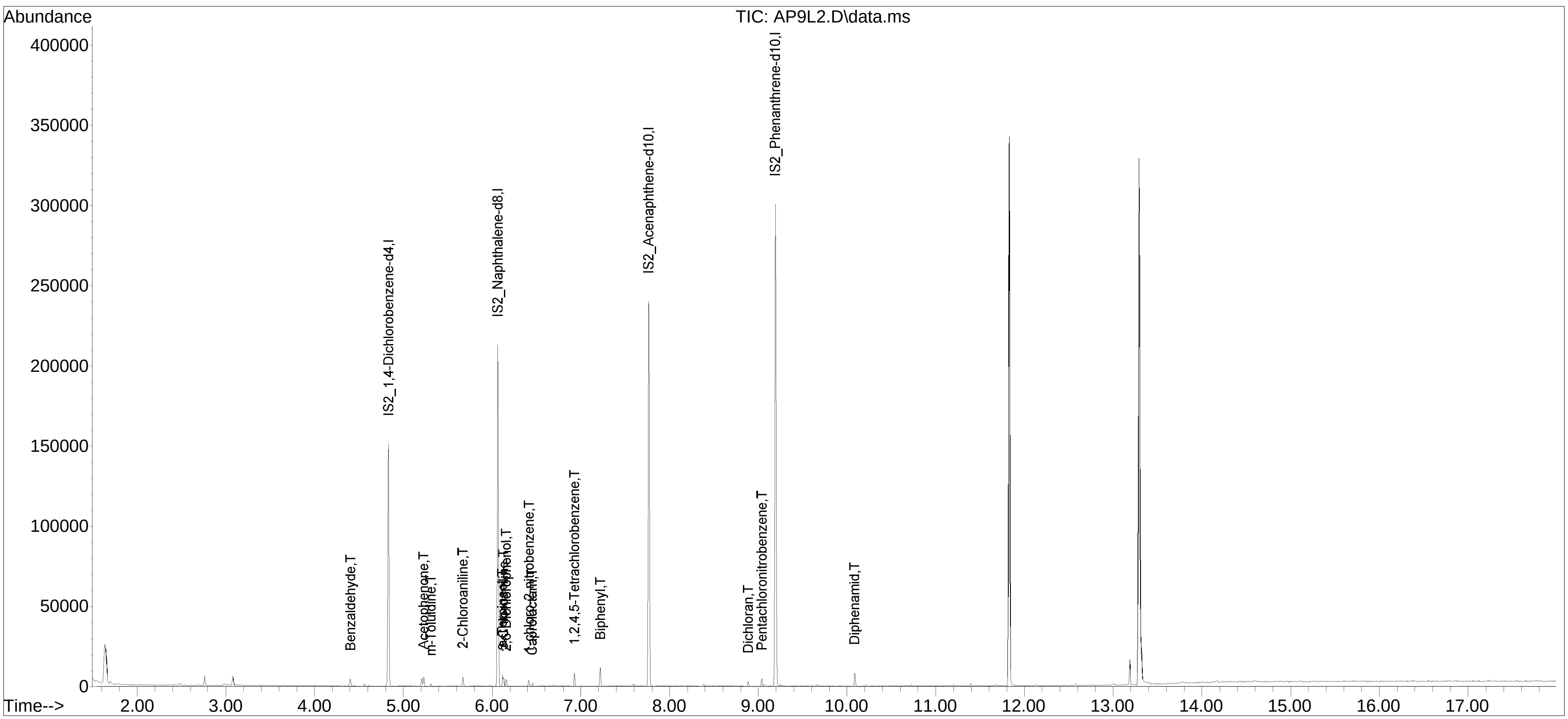
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L2.D
Acq On : 13 Mar 2025 07:51 pm
Operator : SV112:ljg
Sample : IL9,32,,AP9L0.2 Lot# 11441
Misc : WG2040627
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 13 20:35:56 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

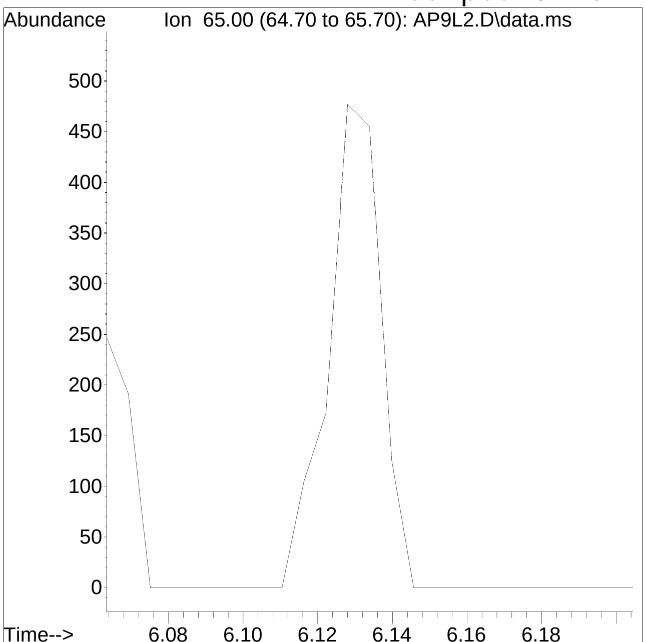
Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•

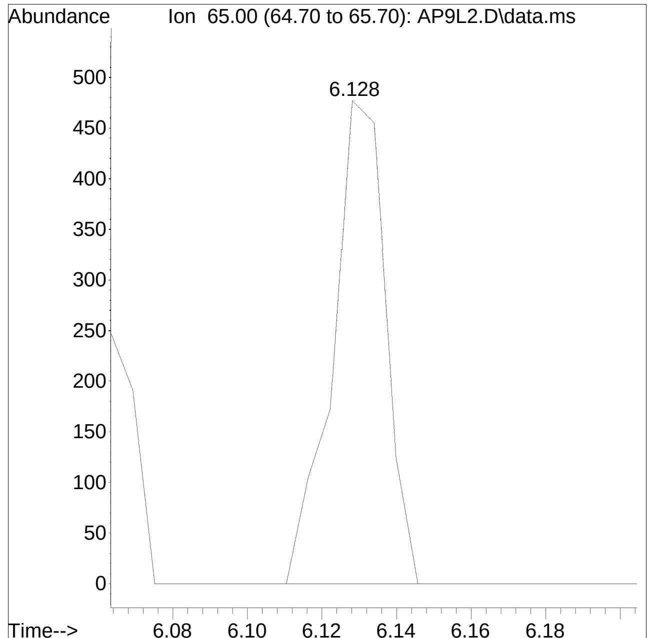


Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : AP9L2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 7:51 pm Instrument : SV112
Sample : IL9,32,,AP9L0.2 Lot# 11441Quant Date : 3/13/2025 8:36 pm

Compound #57: 3-Chloroaniline



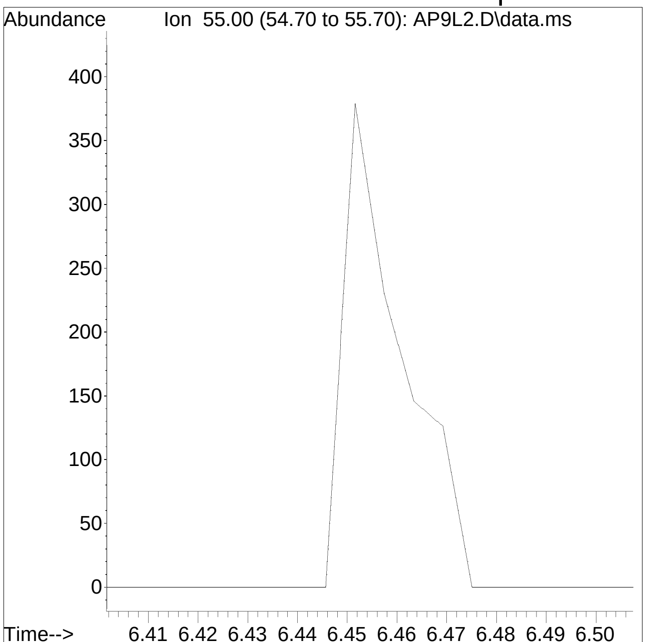


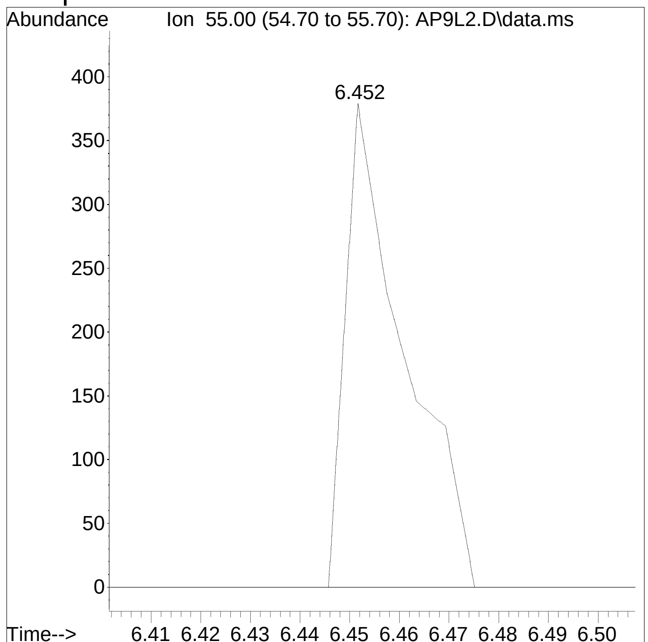
Original Peak Response = 0 Manual Peak Response = 471 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : AP9L2.D                    Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  7:51 pm         Instrument  : SV112
Sample      : IL9,32,,AP9L0.2 Lot# 11441Quant Date  : 3/13/2025  8:36 pm
```

Compound #60: Caprolactam





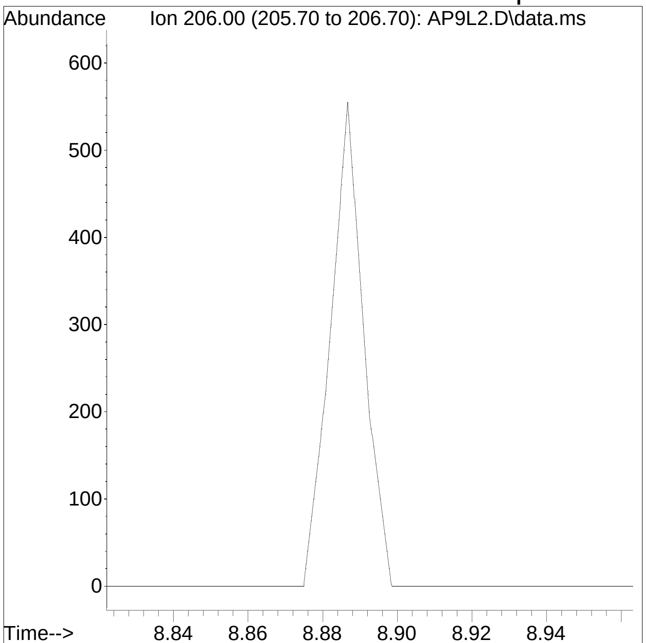
Original Peak Response = 0   Manual Peak Response = 311 M2

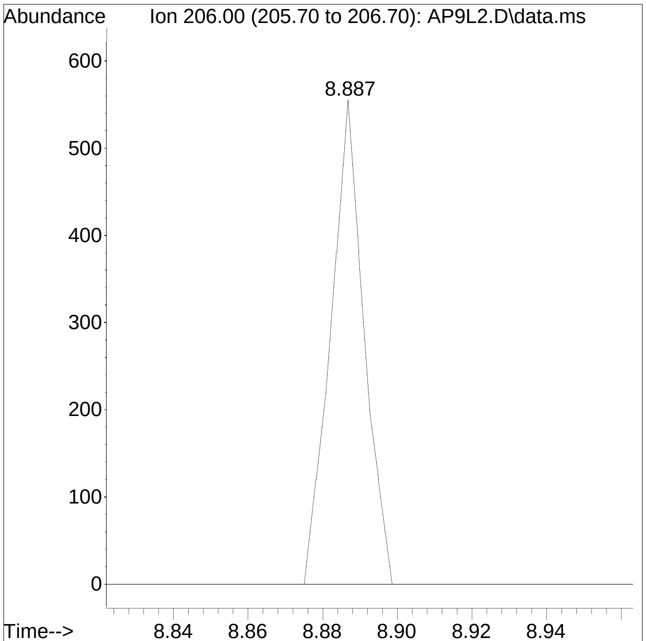
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : AP9L2.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 7:51 pm Instrument : SV112
Sample : IL9,32,,AP9L0.2 Lot# 11441Quant Date : 3/13/2025 8:36 pm

Compound #84: Dichloran



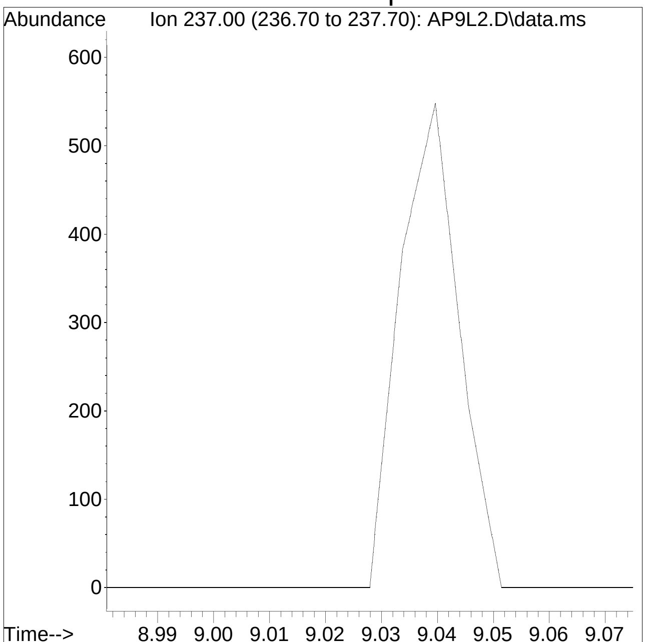


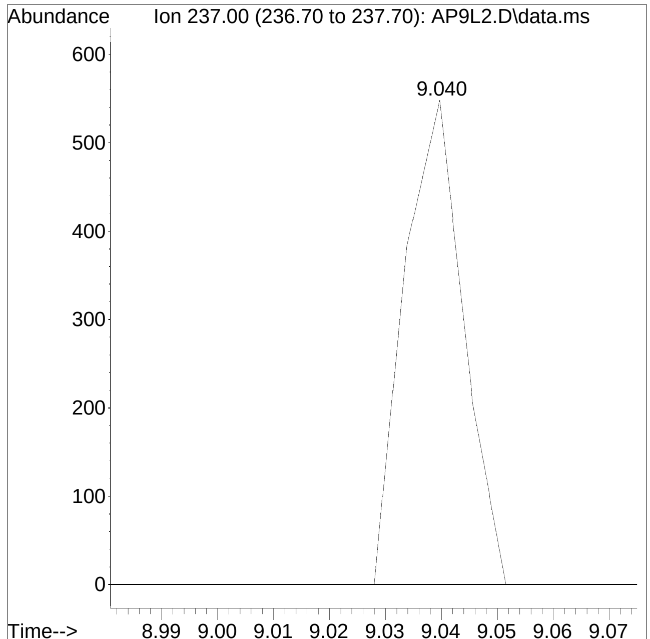
Original Peak Response = 0 Manual Peak Response = 343 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : AP9L2.D                  Operator     : SV112:ljg
Date Inj'd  : 3/13/2025  7:51 pm       Instrument   : SV112
Sample      : IL9,32,,AP9L0.2 Lot# 11441Quant Date  : 3/13/2025  8:36 pm
```

Compound #85: Pentachloronitrobenzene





Original Peak Response = 0　　　　Manual Peak Response = 401 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L1.D
Acq On : 13 Mar 2025 08:14 pm
Operator : SV112:ljg
Sample : IL10,32,,AP9L0.1 Lot# 11442
Misc : WG2040627
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 13 20:35:46 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.834	152	20978	4.000 ug/ml	0.00
Standard Area 1 = 22127			Recovery =	94.81%	
55) IS2_Naphthalene-d8	6.063	136	75665	4.000 ug/ml	0.00
Standard Area 1 = 82556			Recovery =	91.65%	
83) IS2_Acenaphthene-d10	7.763	164	44334	4.000 ug/ml	0.00
Standard Area 1 = 51609			Recovery =	85.90%	
98) IS2_Phenanthrene-d10	9.193	188	96560	4.000 ug/ml	# 0.00
Standard Area 1 = 116712			Recovery =	82.73%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	4.405	105	368M2	0.074 ug/ml	
29) Acetophenone	5.228	105	970	0.107 ug/ml#	51
30) m-Toluidine	0.000		0	N.D.	
31) 2-Chloroaniline	5.669	127	761	0.096 ug/ml#	46
56) a-Terpineol	6.116	59	461M2	0.096 ug/ml	
57) 3-Chloroaniline	6.128	65	172M2	0.070 ug/ml	
58) 2,6-Dichlorophenol	6.158	162	512	0.095 ug/ml#	17
59) 1-chloro-2-nitrobenzene	6.411	111	280M2	0.108 ug/ml	
60) Caprolactam	6.458	55	169M2	0.256 ug/ml	
61) 1,2,4,5-Tetrachloroben...	6.928	216	938	0.113 ug/ml#	85
62) Biphenyl	7.222	154	1814	0.108 ug/ml#	76
84) Dichloran	8.887	206	248M2	0.122 ug/ml	
85) Pentachloronitrobenzene	9.040	237	212M2	0.098 ug/ml	
99) Diphenamid	10.093	167	1124	0.104 ug/ml	91

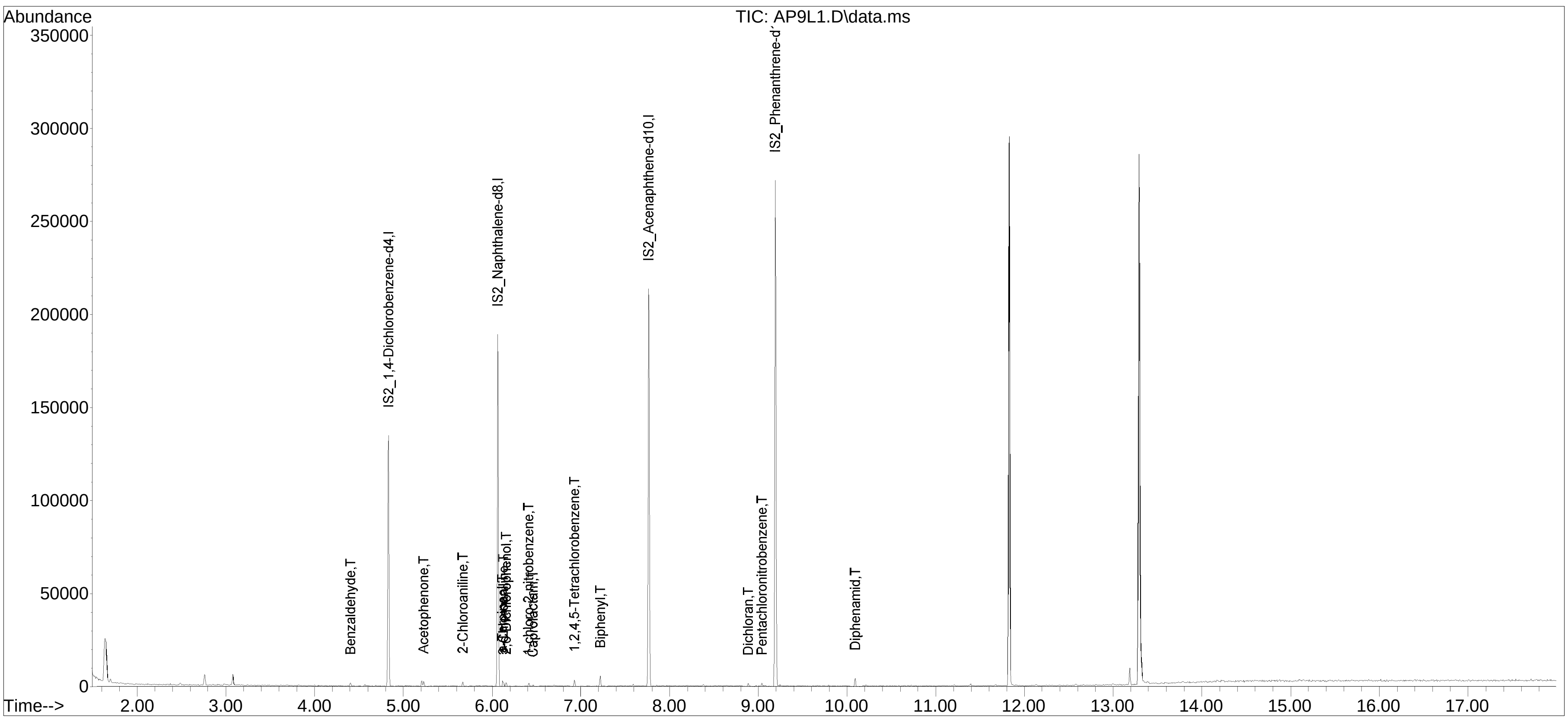
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9L1.D
Acq On : 13 Mar 2025 08:14 pm
Operator : SV112:ljg
Sample : IL10,32,,AP9L0.1 Lot# 11442
Misc : WG2040627
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 13 20:35:46 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:36:15 2025
Response via : Initial Calibration

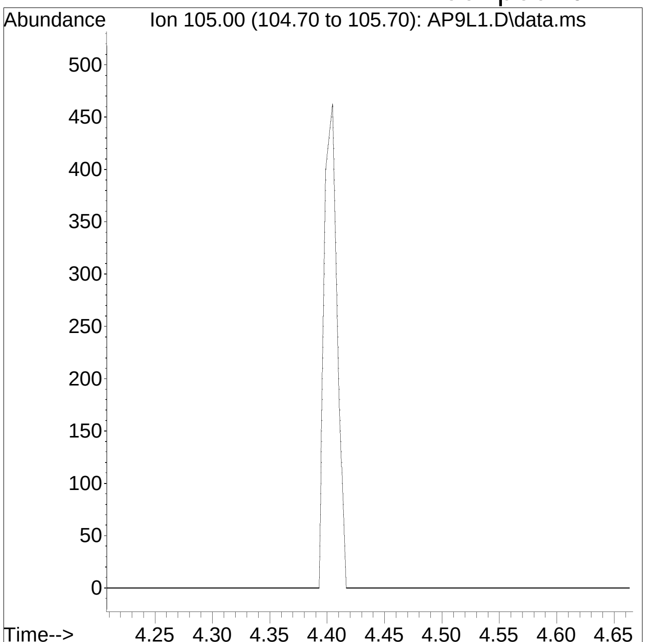
Sub List : AP9ical - AP9 ical sublistTical\AP9L6.D•

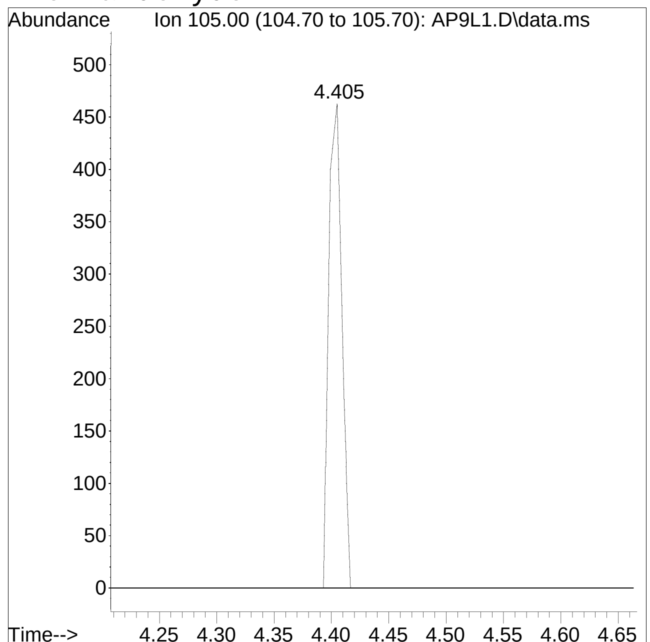


Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : AP9L1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 8:14 pm Instrument : SV112
Sample : IL10,32,,AP9L0.1 Lot# 1144Quant Date : 3/13/2025 8:36 pm

Compound #28: Benzaldehyde



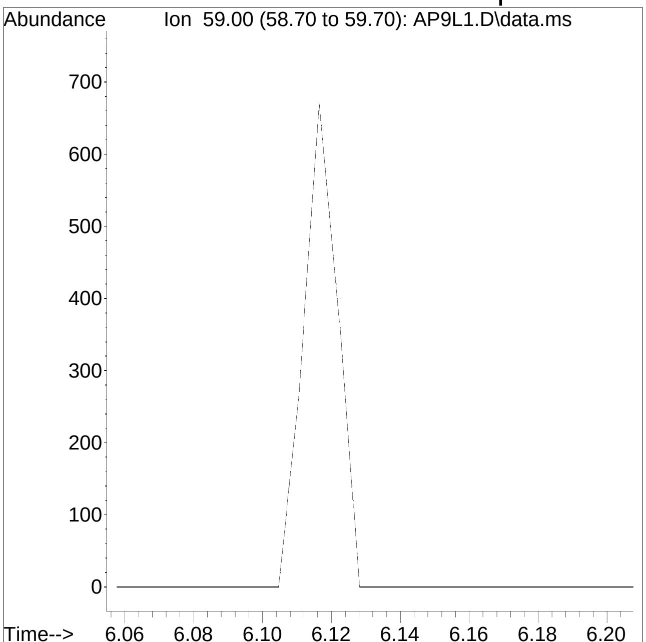


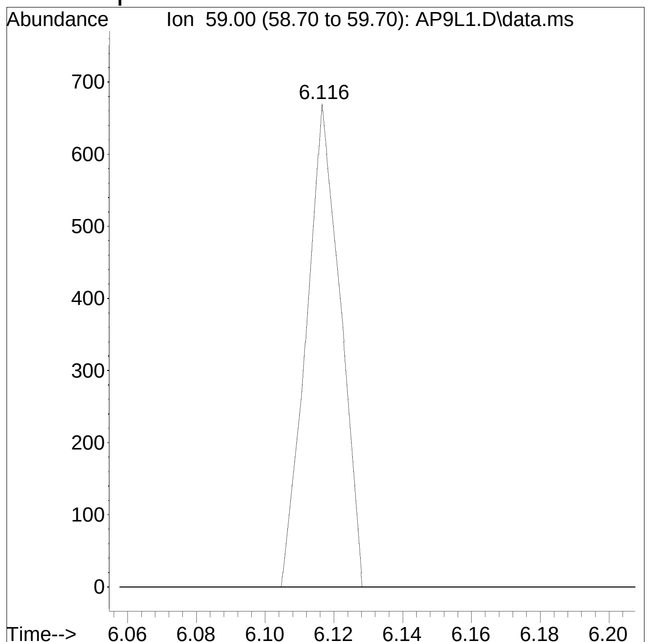
Original Peak Response = 0 Manual Peak Response = 368 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : AP9L1.D                   Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  8:14 pm        Instrument  : SV112
Sample       : IL10,32,,AP9L0.1 Lot# 1144Quant Date  : 3/13/2025  8:36 pm
```

Compound #56: a-Terpineol





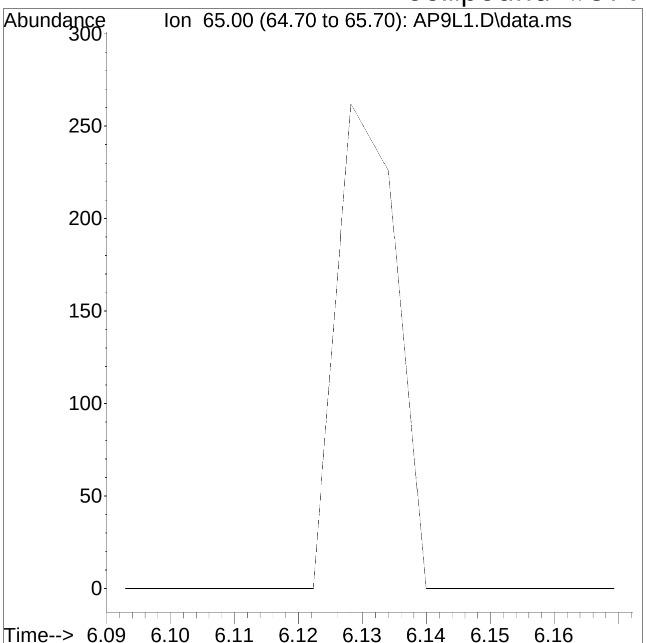
Original Peak Response = 0   Manual Peak Response = 461 M2

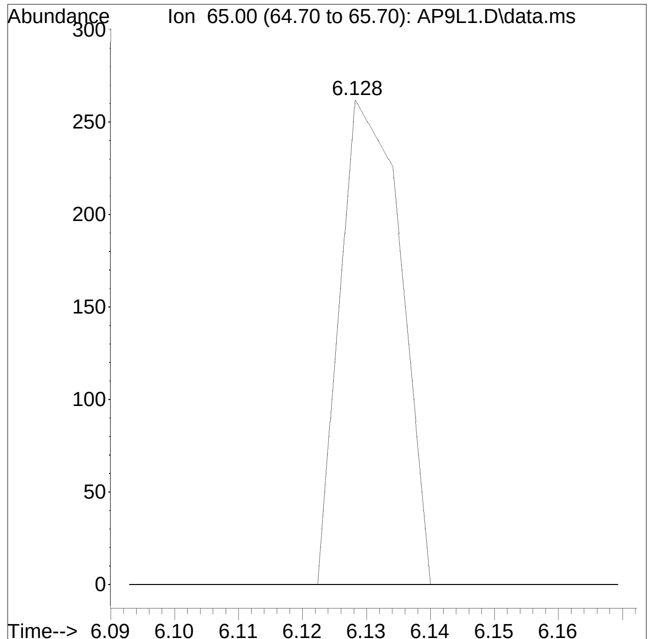
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : AP9L1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 8:14 pm Instrument : SV112
Sample : IL10,32,,AP9L0.1 Lot# 1144Quant Date : 3/13/2025 8:36 pm

Compound #57: 3-Chloroaniline



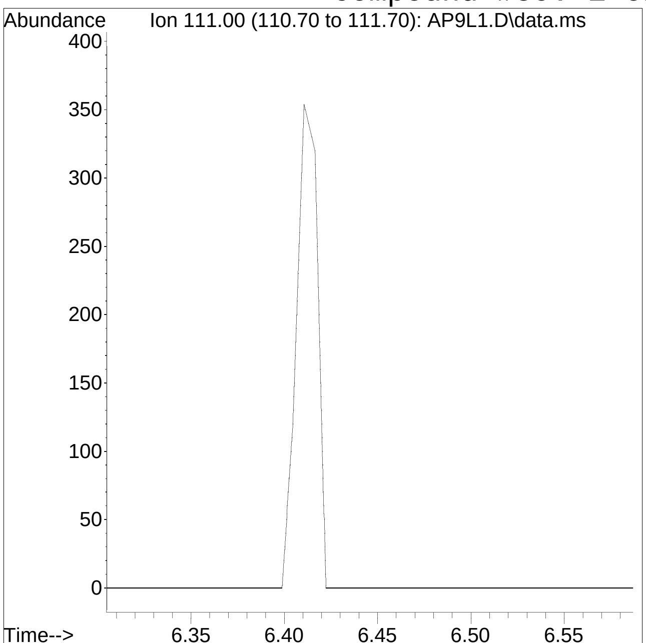


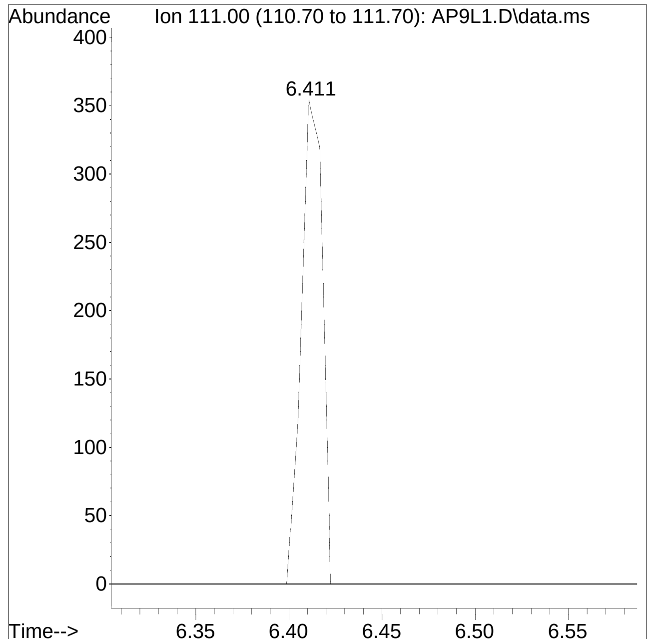
Original Peak Response = 0 Manual Peak Response = 172 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : AP9L1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 8:14 pm Instrument : SV112
Sample : IL10,32,,AP9L0.1 Lot# 1144Quant Date : 3/13/2025 8:36 pm

Compound #59: 1-chloro-2-nitrobenzene



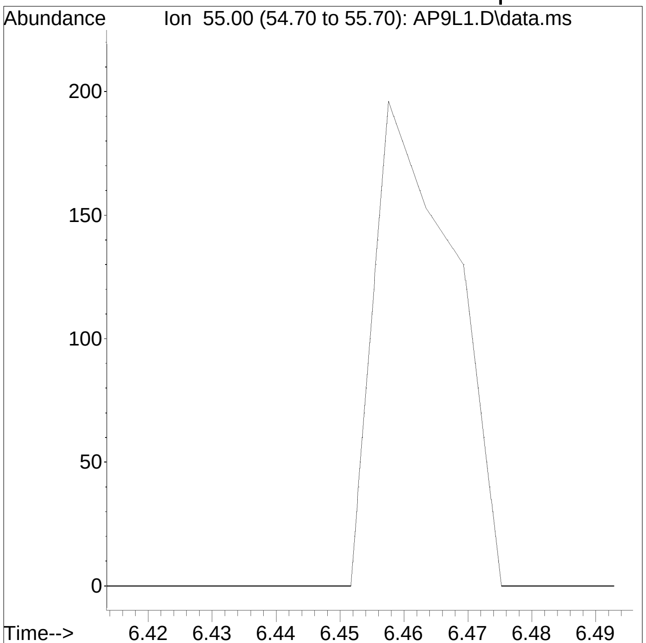


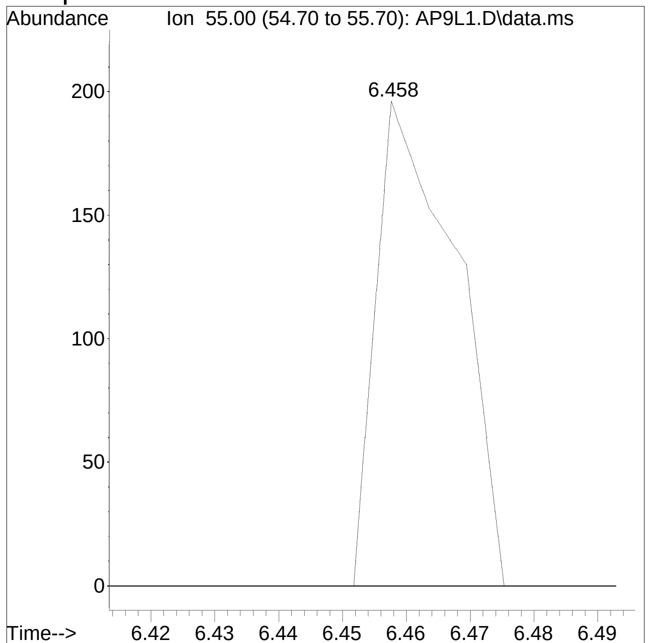
Original Peak Response = 0 Manual Peak Response = 280 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\250313RVTicaQMethod : FS250313SV112RVT.m
Data File : AP9L1.D Operator : SV112:ljg
Date Inj'd : 3/13/2025 8:14 pm Instrument : SV112
Sample : IL10,32,,AP9L0.1 Lot# 1144Quant Date : 3/13/2025 8:36 pm

Compound #60: Caprolactam



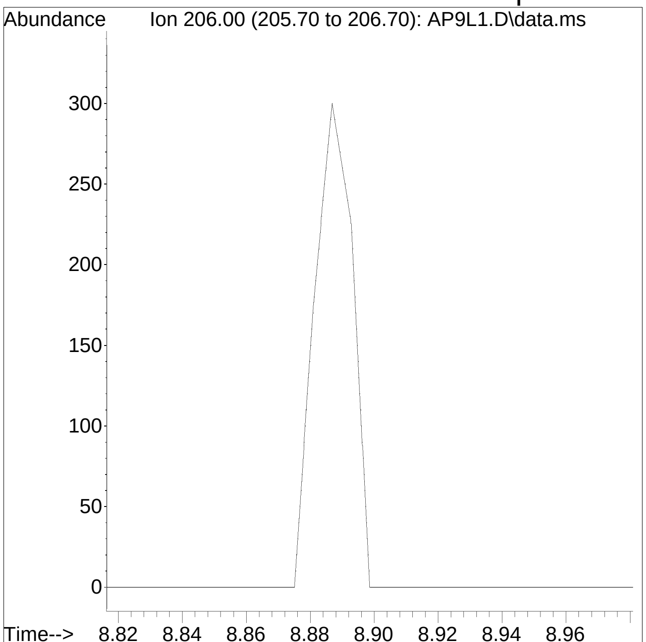


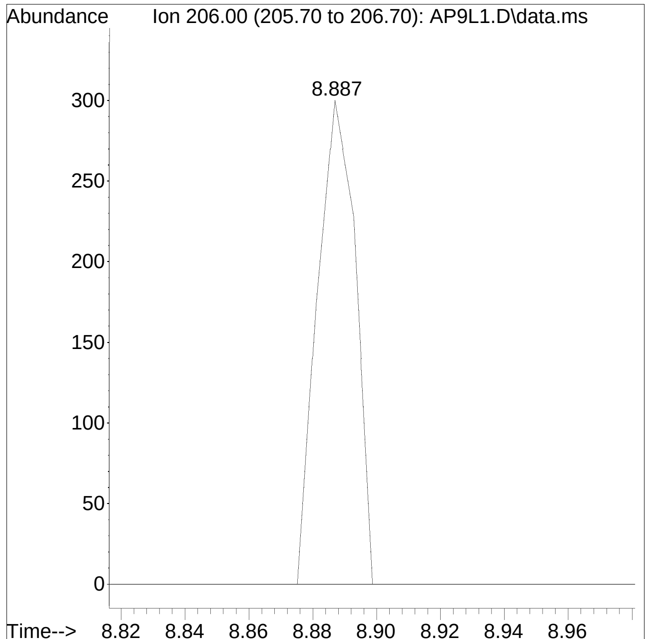
Original Peak Response = 0 Manual Peak Response = 169 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : AP9L1.D                   Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  8:14 pm        Instrument  : SV112
Sample      : IL10,32,,AP9L0.1 Lot# 1144Quant Date  : 3/13/2025  8:36 pm
```

Compound #84: Dichloran





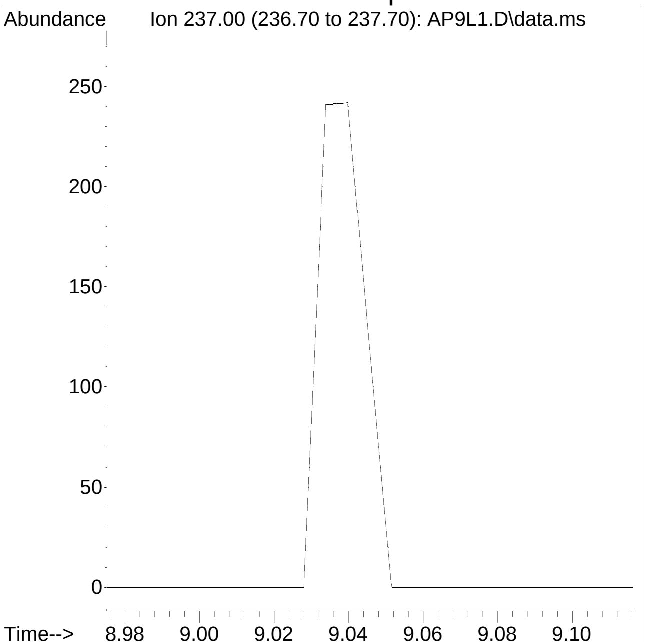
Original Peak Response = 0   Manual Peak Response = 248 M2

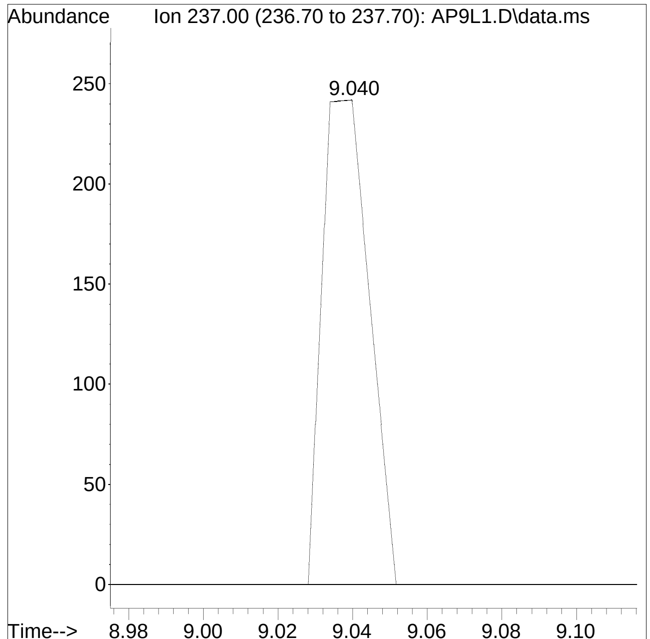
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File    : AP9L1.D                     Operator    : SV112:ljg
Date Inj'd   : 3/13/2025  8:14 pm          Instrument  : SV112
Sample       : IL10,32,,AP9L0.1 Lot# 1144Quant Date  : 3/13/2025  8:36 pm
```

Compound #85: Pentachloronitrobenzene





Original Peak Response = 0   Manual Peak Response = 212 M2

M2 = Peak not found by automatic integration algorithm.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNICV.D
Acq On : 13 Mar 2025 08:37 pm
Operator : SV112:ljg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2040627
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 14 11:19:19 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:20:18 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	87	0.00
2	T	n-Nitrosodimethylamine		0.695	0.809	-16.4	99	0.00
3	T	Pyridine		1.215	1.025	15.6	74	0.00
4	S	2-Fluorophenol		1.083	1.190	-9.9	96	0.00
5	T	Aniline		1.770	2.002	-13.1	93	0.00
6	T	2-Chlorophenol		1.247	1.313	-5.3	94	0.00
7	S	Phenol-d6		1.350	1.518	-12.4	98	0.00
8	T	Phenol		1.592	1.762	-10.7	97	0.00
9	T	Bis(2-chloroethyl)ether		1.152	1.304	-13.2	98	0.00
10	T	1,3-Dichlorobenzene		1.473	1.640	-11.3	101	0.00
11	T	1,4-Dichlorobenzene		1.525	1.653	-8.4	98	0.00
12	T	1,2-Dichlorobenzene		1.463	1.617	-10.5	102	0.00
13	T	Benzyl alcohol		0.972	1.070	-10.1	97	0.00
14	T	Bis(2-chloroisopropyl)ether		1.674	1.816	-8.5	98	0.00
15	T	2-Methylphenol		1.055	1.157	-9.7	95	0.00
16	T	Hexachloroethane		0.561	0.622	-10.9	101	0.00
17	T	n-Nitrosodi-n-propylamine		0.904	0.955	-5.6	93	0.00
18	T	3-Methylphenol/4-Methylphen		1.169	1.271	-8.7	99	0.00
19	S	Nitrobenzene-d5		1.275	1.376	-7.9	94	0.00
20	T	Nitrobenzene		1.302	1.421	-9.1	96	0.00
21	T	Isophorone		2.405	2.644	-9.9	96	0.00
22	T	2-Nitrophenol		0.593	0.631	-6.4	91	0.00
23	T	2,4-Dimethylphenol		1.237	1.386	-12.0	98	0.00
24	T	Bis(2-chloroethoxy)methane		1.616	1.762	-9.0	100	0.00
25	T	2,4-Dichlorophenol		1.135	1.292	-13.8	98	0.00
26	T	1,2,4-Trichlorobenzene		1.440	1.574	-9.3	101	0.00
35	I	IS1_Naphthalene-d8		1.000	1.000	0.0	90	0.00
36	T	Naphthalene		1.025	1.101	-7.4	100	0.00
37	T	Benzoic Acid	*	5.000	3.649	27.0#	75	0.00
38	T	4-Chloroaniline		0.128	0.142	-10.9	98	0.00
39	T	Hexachlorobutadiene		0.261	0.257	1.5	93	0.00
40	T	p-Chloro-m-cresol		0.287	0.315	-9.8	99	0.00
41	T	2-Methylnaphthalene		0.638	0.716	-12.2	105	0.00
42	T	1-Methylnaphthalene		0.244	0.265	-8.6	101	0.00
43	T	Hexachlorocyclopentadiene		0.315	0.338	-7.3	98	0.00
44	T	2,4,6-Trichlorophenol		0.270	0.276	-2.2	94	0.00
45	T	2,4,5-Trichlorophenol		0.273	0.312	-14.3	100	0.00
46	S	2-Fluorobiphenyl		0.916	0.989	-8.0	101	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNICV.D
Acq On : 13 Mar 2025 08:37 pm
Operator : SV112:ljg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2040627
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 14 11:19:19 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:20:18 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.748	0.820	-9.6	101	0.00
48	T	2-Nitroaniline		0.202	0.222	-9.9	96	0.00
49	T	1,4-Dinitrobenzene		0.110	0.111	-0.9	92	0.00
50	T	1,3-Dinitrobenzene		0.123	0.129	-4.9	93	0.00
51	T	Dimethyl phthalate		0.959	1.020	-6.4	99	0.00
52	T	Acenaphthylene		1.213	1.349	-11.2	100	0.00
53	T	2,6-Dinitrotoluene		0.176	0.198	-12.5	93	0.00
54	T	1,2-Dinitrobenzene		0.081	0.085	-4.9	92	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	91	0.00
64	T	3-Nitroaniline		0.309	0.338	-9.4	98	0.00
65	T	Acenaphthene		1.072	1.130	-5.4	101	0.00
66	T	2,4-Dinitrophenol	*	5.000	4.273	14.5	89	0.00
67	T	Dibenzofuran		1.844	1.925	-4.4	101	0.00
68	T	2,4-Dinitrotoluene		0.402	0.426	-6.0	95	0.00
69	T	4-Nitrophenol		0.229	0.262	-14.4	96	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.392	0.428	-9.2	95	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.400	0.433	-8.2	98	0.00
72	T	Diethyl phthalate		1.497	1.592	-6.3	100	0.00
73	T	Fluorene		1.449	1.546	-6.7	102	0.00
74	T	4-Chlorophenyl phenyl ether		0.764	0.811	-6.2	104	0.00
75	T	4-Nitroaniline		0.322	0.366	-13.7	100	0.00
76	T	4,6-Dinitro-o-cresol		0.234	0.242	-3.4	91	0.00
77	T	NDPA/DPA		1.191	1.320	-10.8	102	0.00
78	T	Azobenzene		1.339	1.496	-11.7	101	0.00
79	S	2,4,6-Tribromophenol		0.241	0.255	-5.8	101	0.00
80	T	4-Bromophenyl phenyl ether		0.498	0.508	-2.0	100	0.00
81	T	Hexachlorobenzene		0.586	0.601	-2.6	103	0.00
82	T	Pentachlorophenol		0.315	0.322	-2.2	88	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	91	0.00
89	T	Phenanthrene		1.091	1.127	-3.3	102	0.00
90	T	Anthracene		1.047	1.146	-9.5	102	0.00
91	T	Carbazole		0.974	1.057	-8.5	100	0.00
92	T	Di-n-butylphthalate		1.090	1.183	-8.5	97	0.00
93	T	Fluoranthene		1.279	1.392	-8.8	101	0.00
94	T	Benzidine		0.692	0.812	-17.3	101	0.00
95	T	Pyrene		1.335	1.485	-11.2	101	0.00
96	S	4-Terphenyl-d14		1.046	1.144	-9.4	101	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNICV.D
Acq On : 13 Mar 2025 08:37 pm
Operator : SV112:ljg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2040627
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 14 11:19:19 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:20:18 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.474	0.494	-4.2	97	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	92	0.00
105	T	Benzo(a)anthracene	1.245	1.313	-5.5	100	0.00
106	T	3,3'-Dichlorobenzidine	0.447	0.503	-12.5	102	0.00
107	T	Chrysene	1.192	1.259	-5.6	102	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.622	0.680	-9.3	95	0.00
109	T	Di-n-octylphthalate	0.994	1.120	-12.7	98	0.00
110	T	Benzo(b)fluoranthene	1.202	1.394	-16.0	100	0.00
111	T	Benzo(k)fluoranthene	1.200	1.234	-2.8	99	0.00
112	T	Benzo(a)pyrene	1.127	1.236	-9.7	100	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	91	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.096	1.143	-4.3	102	0.00
115	T	Dibenzo(a,h)anthracene	1.063	1.140	-7.2	99	0.00
116	T	Benzo(ghi)perylene	1.099	1.155	-5.1	100	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNICV.D
Acq On    : 13 Mar 2025  08:37 pm
Operator  : SV112:ljg
Sample    : CQICV1,32,,ABNICV Lot# 11452
Misc      : WG2040627
ALS Vial  : 19   Sample Multiplier: 1

Quant Time: Mar 14 11:19:19 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:20:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List     : ABNical - ABN ical sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.834  152     20353     4.000 ug/ml    0.00
    Standard Area 1 = 23356                Recovery   =   87.14%
35) IS1_Naphthalene-d8          6.063  136     78483     4.000 ug/ml    0.00
    Standard Area 1 = 87070                Recovery   =   90.14%
63) IS1_Acenaphthene-d10        7.769  164     51226     4.000 ug/ml    0.00
    Standard Area 1 = 56356                Recovery   =   90.90%
88) IS1_Phenanthrene-d10        9.193  188    111744     4.000 ug/ml  # 0.00
    Standard Area 1 = 122535                Recovery   =   91.19%
104) IS1_Chrysene-d12          11.828  240    129758     4.000 ug/ml  # 0.00
    Standard Area 1 = 141005                Recovery   =   92.02%
113) IS1_Perylene-d12          13.292  264    139978     4.000 ug/ml    0.00
    Standard Area 1 = 153196                Recovery   =   91.37%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.563  112     30283     5.498 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  274.90%#
 7) Phenol-d6                   4.499   99     38614     5.620 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  281.00%#
19) Nitrobenzene-d5             5.369   82     35006     5.395 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  539.50%#
46) 2-Fluorobiphenyl            7.128  172     97010     5.398 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  539.80%#
79) 2,4,6-Tribromophenol        8.528  330     16331     5.282 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =  264.10%#
96) 4-Terphenyl-d14            10.769  244    159784     5.468 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =  546.80%#

 Target Compounds                                                   Qvalue
 2) n-Nitrosodimethylamine      2.199   74      20592      5.820 ug/ml     88
 3) Pyridine                    2.240   79      26067      4.216 ug/ml     86
 5) Aniline                     4.510   93      50925      5.654 ug/ml#    48
 6) 2-Chlorophenol              4.628  128      33399      5.262 ug/ml     98
 8) Phenol                      4.510   94      44825      5.534 ug/ml#    44
 9) Bis(2-chloroethyl)ether     4.593   93      33188      5.660 ug/ml     96
10) 1,3-Dichlorobenzene         4.775  146      41724      5.568 ug/ml     96
11) 1,4-Dichlorobenzene         4.846  146      42054      5.420 ug/ml     95
12) 1,2-Dichlorobenzene         4.993  146      41141      5.528 ug/ml     96
13) Benzyl alcohol              4.975   79      27220      5.503 ug/ml     96
14) Bis(2-chloroisopropyl)...   5.122   45      46198      5.425 ug/ml#    77
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNICV.D
Acq On : 13 Mar 2025 08:37 pm
Operator : SV112:ljg
Sample : CQICV1,32,,ABNICV Lot# 11452
Misc : WG2040627
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 14 11:19:19 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:20:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	5.105	108	29423	5.480	ug/ml	95
16) Hexachloroethane	5.322	117	15814	5.543	ug/ml#	65
17) n-Nitrosodi-n-propylamine	5.246	70	24292	5.279	ug/ml	96
18) 3-Methylphenol/4-Methy...	5.257	108	32340	5.437	ug/ml	95
20) Nitrobenzene	5.387	77	36161	5.459	ug/ml	95
21) Isophorone	5.628	82	67264	5.497	ug/ml	100
22) 2-Nitrophenol	5.705	139	16053	5.318	ug/ml	96
23) 2,4-Dimethylphenol	5.769	107	35250	5.599	ug/ml	99
24) Bis(2-chloroethoxy)met...	5.857	93	44820	5.451	ug/ml	100
25) 2,4-Dichlorophenol	5.940	162	32874	5.694	ug/ml#	94
26) 1,2,4-Trichlorobenzene	6.016	180	40043	5.467	ug/ml	97
36) Naphthalene	6.087	128	108008	5.369	ug/ml	99
37) Benzoic Acid	5.834	105	15773	3.649	ug/ml	93
38) 4-Chloroaniline	6.152	65	13932	5.554	ug/ml	96
39) Hexachlorobutadiene	6.234	225	25260	4.927	ug/ml	97
40) p-Chloro-m-cresol	6.640	107	30863	5.483	ug/ml	96
41) 2-Methylnaphthalene	6.763	142	70201	5.605	ug/ml	99
42) 1-Methylnaphthalene	6.857	115	25954	5.426	ug/ml	97
43) Hexachlorocyclopentadiene	6.934	237	33131	5.365	ug/ml	98
44) 2,4,6-Trichlorophenol	7.046	196	27069	5.110	ug/ml	98
45) 2,4,5-Trichlorophenol	7.075	196	30599	5.719	ug/ml	98
47) 2-Chloronaphthalene	7.228	162	80417	5.480	ug/ml	93
48) 2-Nitroaniline	7.334	138	21732	5.489	ug/ml	96
49) 1,4-Dinitrobenzene	7.463	168	10929	5.041	ug/ml	88
50) 1,3-Dinitrobenzene	7.540	168	12685	5.262	ug/ml	93
51) Dimethyl phthalate	7.534	163	100058	5.315	ug/ml	100
52) Acenaphthylene	7.628	152	132376	5.562	ug/ml	99
53) 2,6-Dinitrotoluene	7.575	165	19401	5.633	ug/ml	95
54) 1,2-Dinitrobenzene	7.622	168	8308	5.200	ug/ml#	1
64) 3-Nitroaniline	7.734	138	21673	5.483	ug/ml	96
65) Acenaphthene	7.799	154	72325	5.267	ug/ml	95
66) 2,4-Dinitrophenol	7.834	184	10560	4.273	ug/ml#	85
67) Dibenzofuran	7.963	168	123279	5.219	ug/ml	92
68) 2,4-Dinitrotoluene	7.963	165	27306	5.308	ug/ml	94
69) 4-Nitrophenol	7.910	65	16760	5.706	ug/ml	98
70) 2,3,5,6-Tetrachlorophenol	8.051	232	27378	5.451	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	8.093	232	27757	5.421	ug/ml	99
72) Diethyl phthalate	8.222	149	101920	5.316	ug/ml	97
73) Fluorene	8.299	166	98989	5.334	ug/ml	98
74) 4-Chlorophenyl phenyl ...	8.310	204	51938	5.306	ug/ml#	81

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNICV.D
Acq On   : 13 Mar 2025 08:37 pm
Operator : SV112:ljg
Sample   : CQICV1,32,,ABNICV Lot# 11452
Misc   : WG2040627
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Mar 14 11:19:19 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:20:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ABNL6.D
Sub List   : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 4-Nitroaniline	8.316	138	23424	5.686	ug/ml	95
76) 4,6-Dinitro-o-cresol	8.351	198	15474	5.168	ug/ml#	80
77) NDPA/DPA	8.428	169	84535	5.544	ug/ml	94
78) Azobenzene	8.463	77	95798	5.589	ug/ml	93
80) 4-Bromophenyl phenyl e...	8.781	248	32515	5.102	ug/ml#	83
81) Hexachlorobenzene	8.834	284	38488	5.133	ug/ml#	86
82) Pentachlorophenol	9.022	266	20597	5.106	ug/ml	99
89) Phenanthrene	9.216	178	157458	5.168	ug/ml	99
90) Anthracene	9.263	178	160030	5.472	ug/ml	99
91) Carbazole	9.428	167	147631	5.428	ug/ml	98
92) Di-n-butylphthalate	9.810	149	165192	5.423	ug/ml	100
93) Fluoranthene	10.369	202	194367M3	5.438	ug/ml	
94) Benzidine	10.516	184	113354	5.862	ug/ml#	97
95) Pyrene	10.587	202	207481	5.562	ug/ml	99
97) Butyl benzyl phthalate	11.292	149	69051	5.212	ug/ml	95
105) Benzo(a)anthracene	11.822	228	212930	5.274	ug/ml	98
106) 3,3'-Dichlorobenzidine	11.816	252	81522	5.627	ug/ml#	97
107) Chrysene	11.857	228	204134	5.277	ug/ml	99
108) Bis(2-ethylhexyl)phtha...	11.922	149	110270	5.464	ug/ml	99
109) Di-n-octylphthalate	12.604	149	181634	5.636	ug/ml	100
110) Benzo(b)fluoranthene	12.922	252	226032	5.797	ug/ml#	95
111) Benzo(k)fluoranthene	12.951	252	200232M3	5.142	ug/ml	
112) Benzo(a)pyrene	13.239	252	200403	5.481	ug/ml#	95
114) Indeno(1,2,3-cd)pyrene	14.286	276	200063M6	5.217	ug/mL	
115) Dibenzo(a,h)anthracene	14.310	278	199441	5.360	ug/ml#	92
116) Benzo(ghi)perylene	14.557	276	202163	5.257	ug/ml#	93

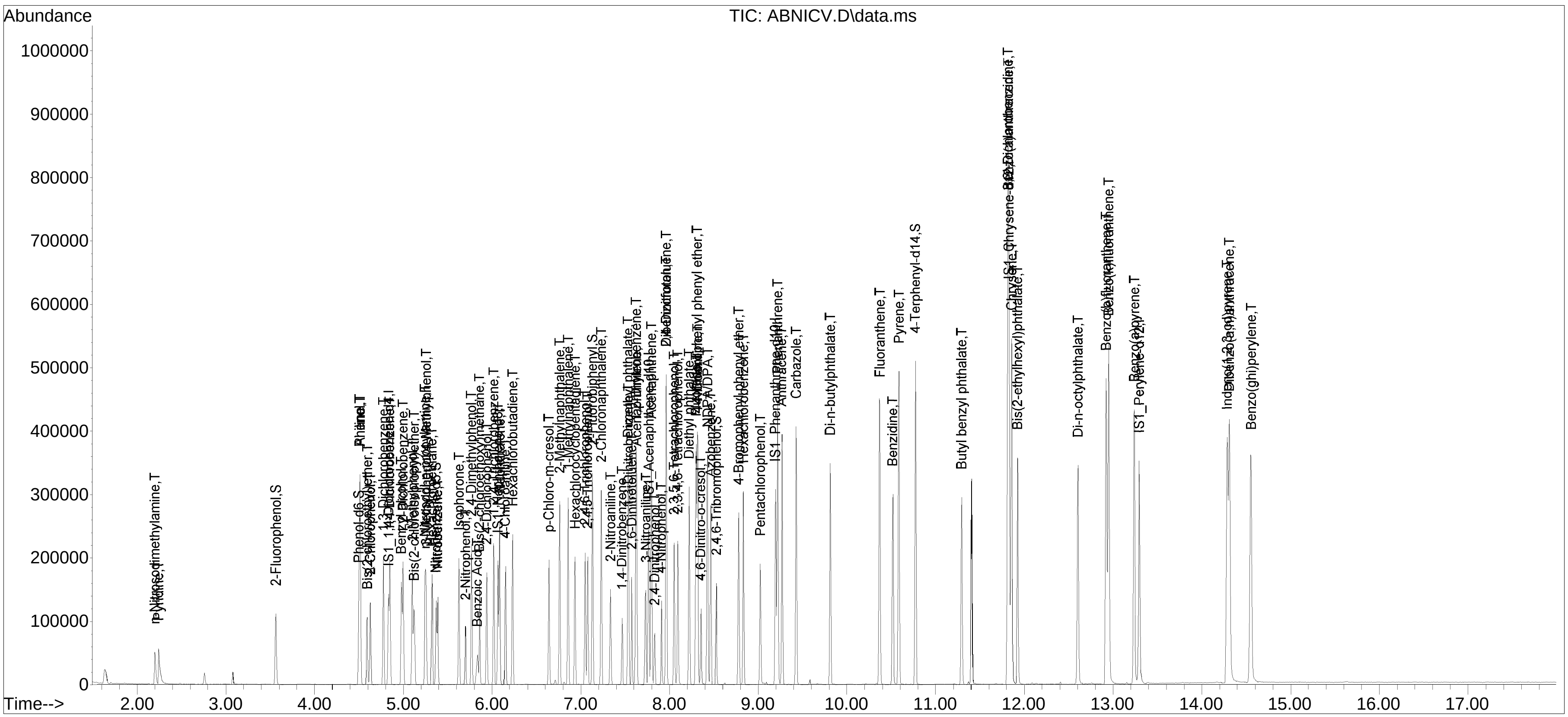
(#) = qualifier out of range (m) = manual integration (+) = signals summed

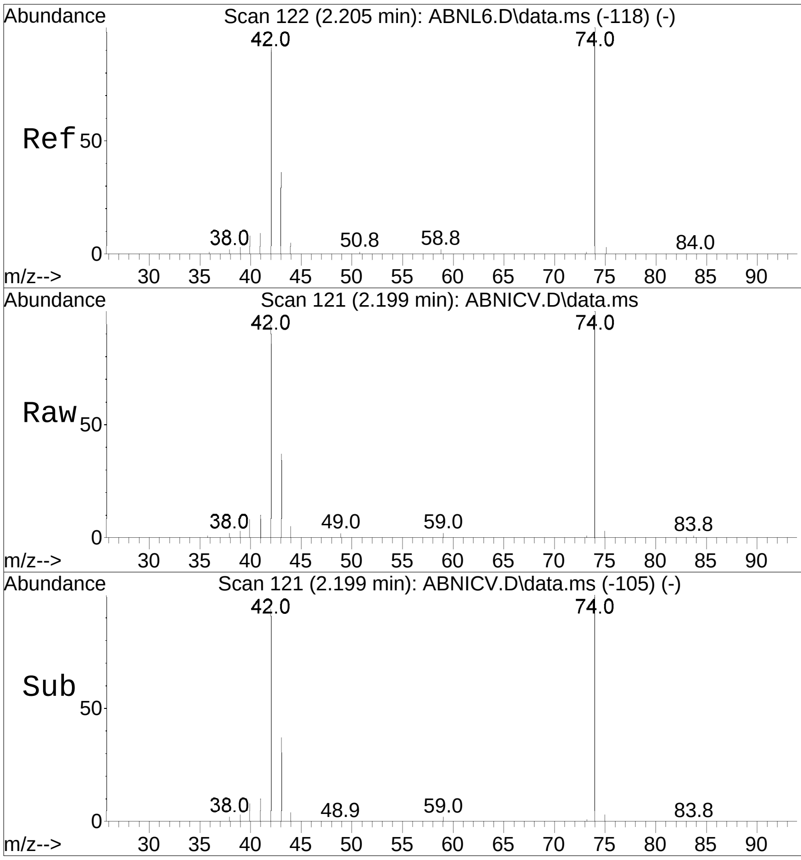
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ABNICV.D
Acq On   : 13 Mar 2025 08:37 pm
Operator : SV112:ljg
Sample   : CQICV1,32,,ABNICV Lot# 11452
Misc   : WG2040627
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Mar 14 11:19:19 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:20:18 2025
Response via : Initial Calibration

Sub List   : ABNical - ABN ical sublistTical\ABNL6.D•

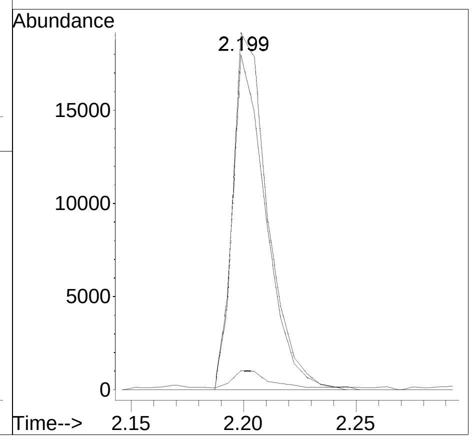


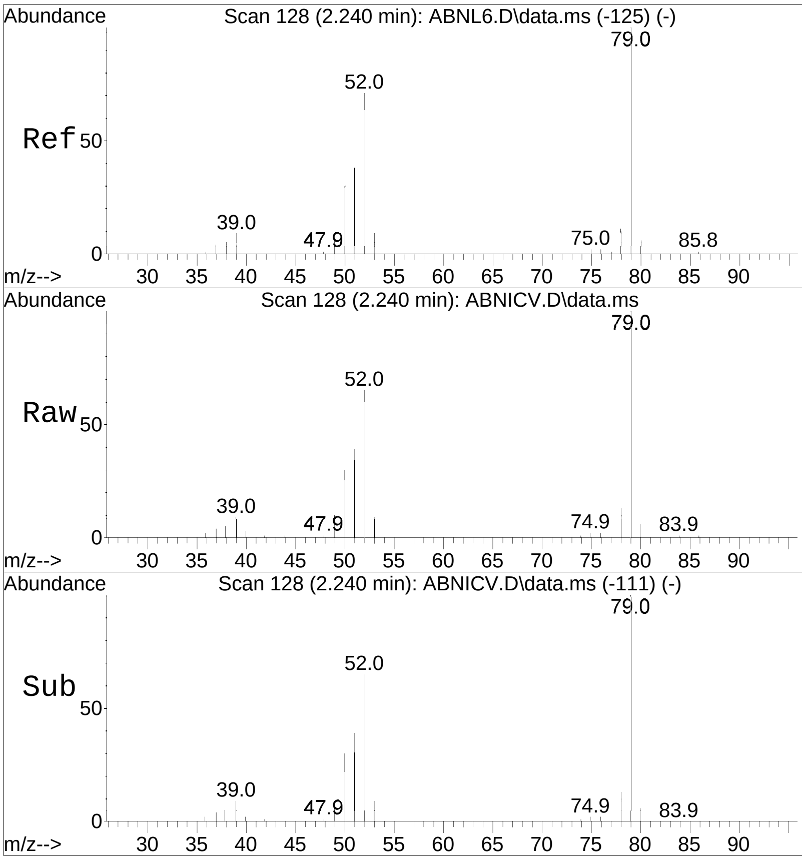


#2
n-Nitrosodimethylamine
Concen: 5.82 ug/ml
RT: 2.199 min Scan# 121
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 74 Resp: 20592

Ion	Ratio	Lower	Upper
74	100		
42	90.5	63.8	95.8
44	4.8	4.3	6.5

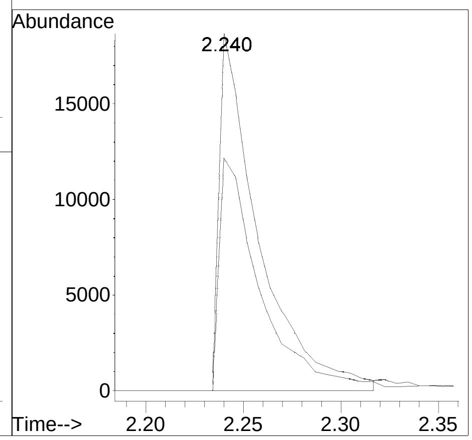


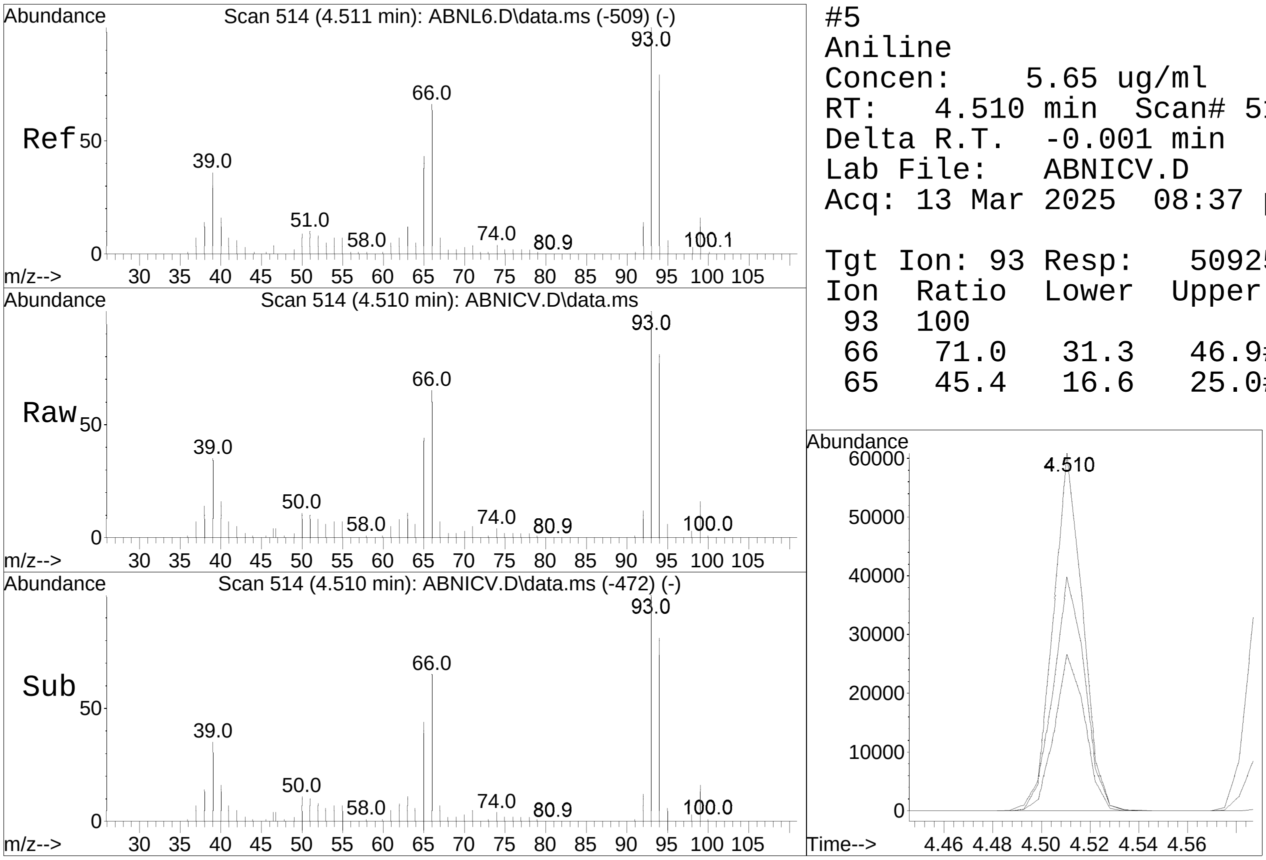


#3
Pyridine
Concen: 4.22 ug/ml
RT: 2.240 min Scan# 128
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 79 Resp: 26067

Ion	Ratio	Lower	Upper
79	100		
52	68.4	64.6	96.8

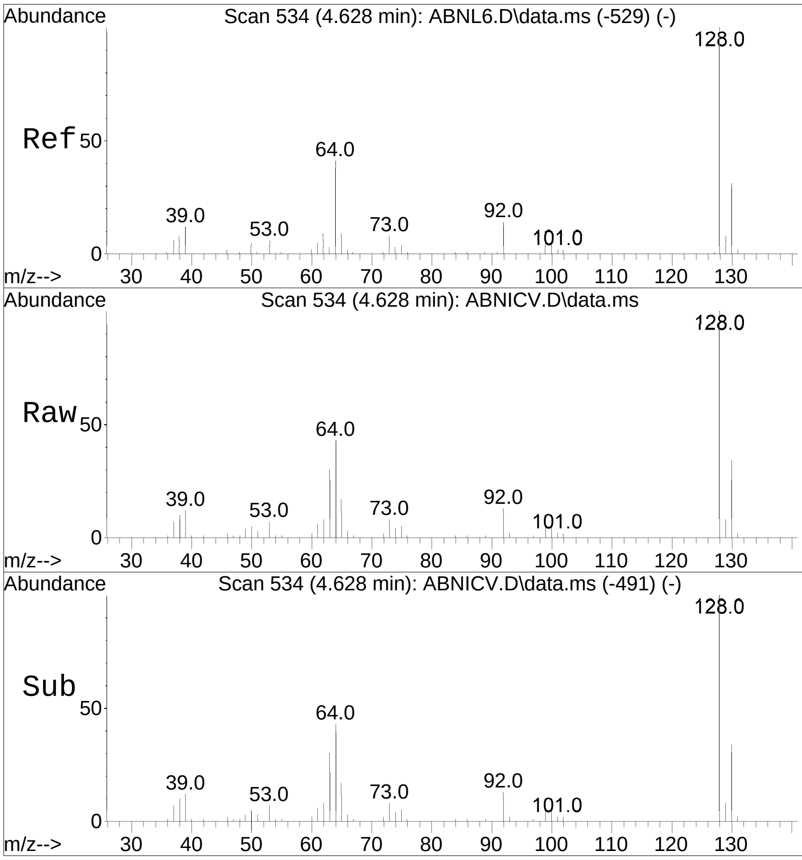




#5
Aniline
Concen: 5.65 ug/ml
RT: 4.510 min Scan# 514
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 93 Resp: 50925

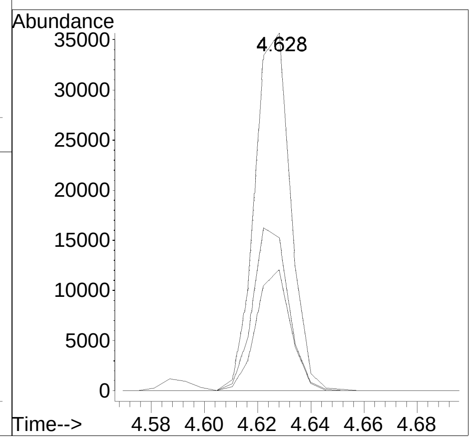
Ion	Ratio	Lower	Upper
93	100		
66	71.0	31.3	46.9#
65	45.4	16.6	25.0#

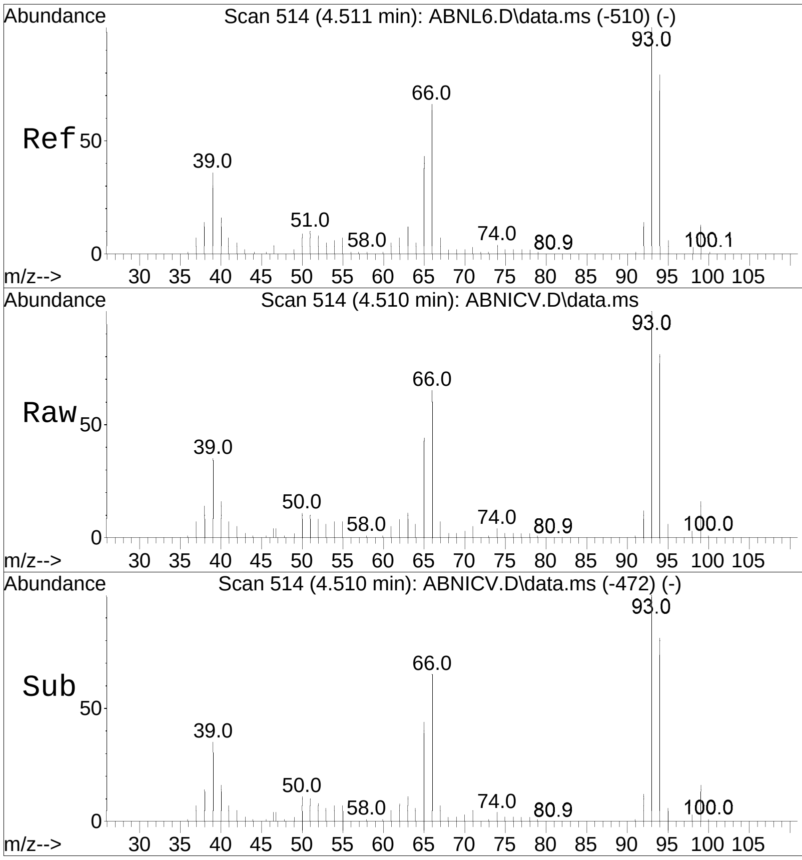


#6
2-Chlorophenol
Concen: 5.26 ug/ml
RT: 4.628 min Scan# 534
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:128 Resp: 33399

Ion	Ratio	Lower	Upper
128	100		
64	45.6	38.2	57.4
130	32.8	26.2	39.2

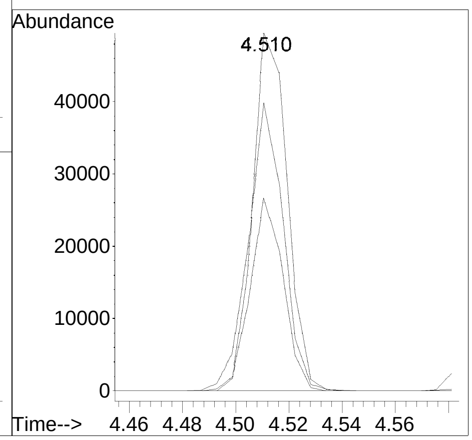


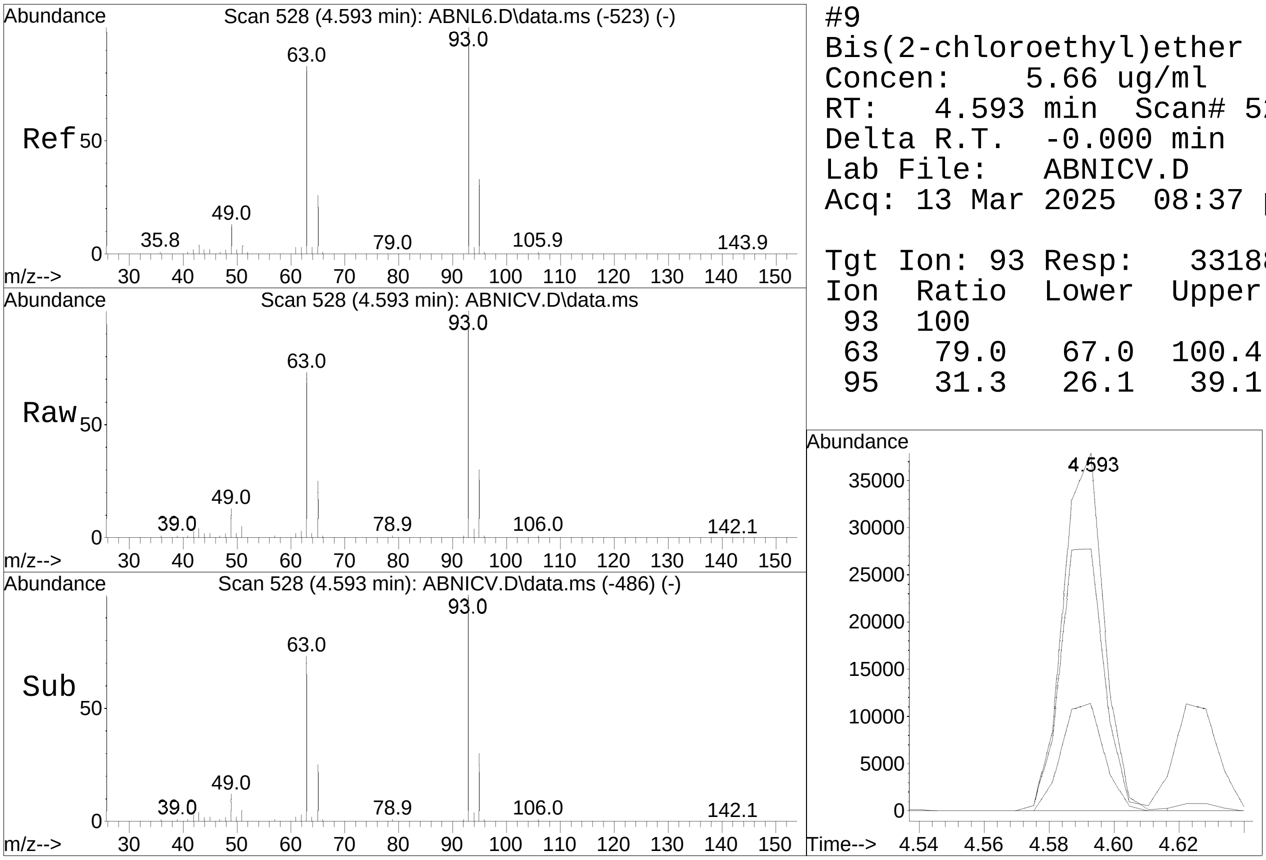


#8
Phenol
Concen: 5.53 ug/ml
RT: 4.510 min Scan# 514
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 94 Resp: 44825

Ion	Ratio	Lower	Upper
94	100		
65	51.6	23.0	34.6#
66	80.7	32.1	48.1#

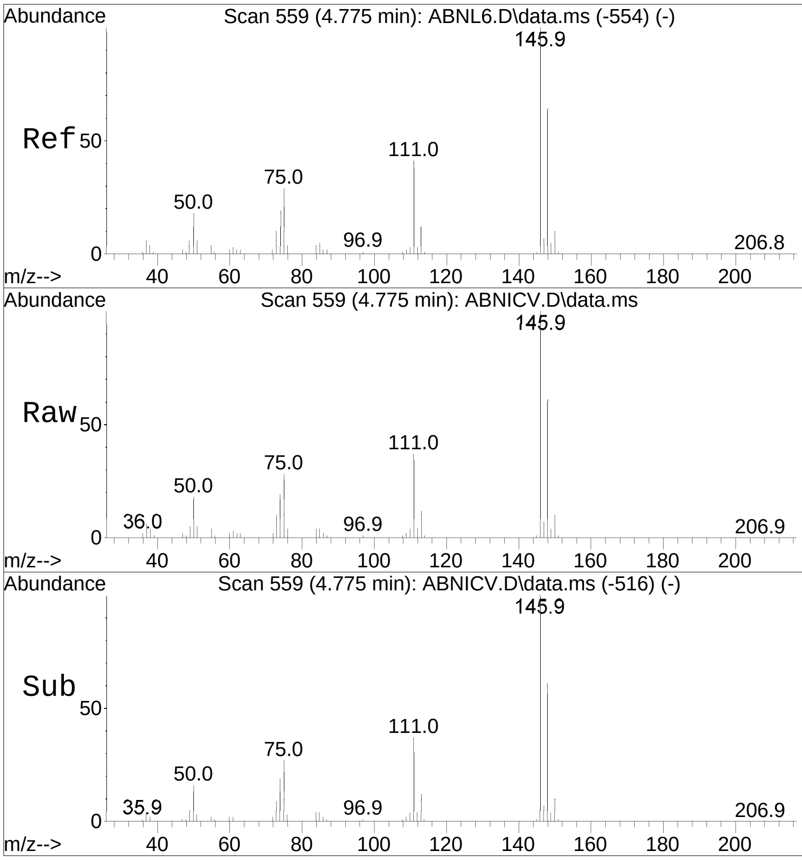




#9
Bis(2-chloroethyl)ether
Concen: 5.66 ug/ml
RT: 4.593 min Scan# 528
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 93 Resp: 33188

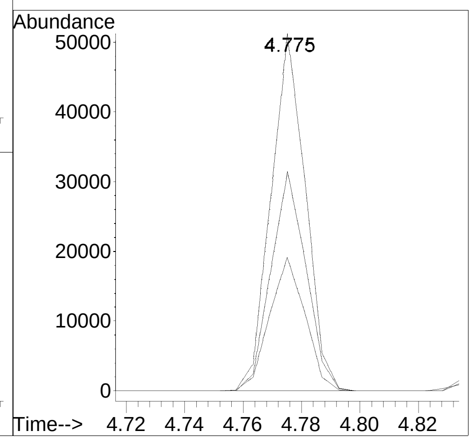
Ion	Ratio	Lower	Upper
93	100		
63	79.0	67.0	100.4
95	31.3	26.1	39.1

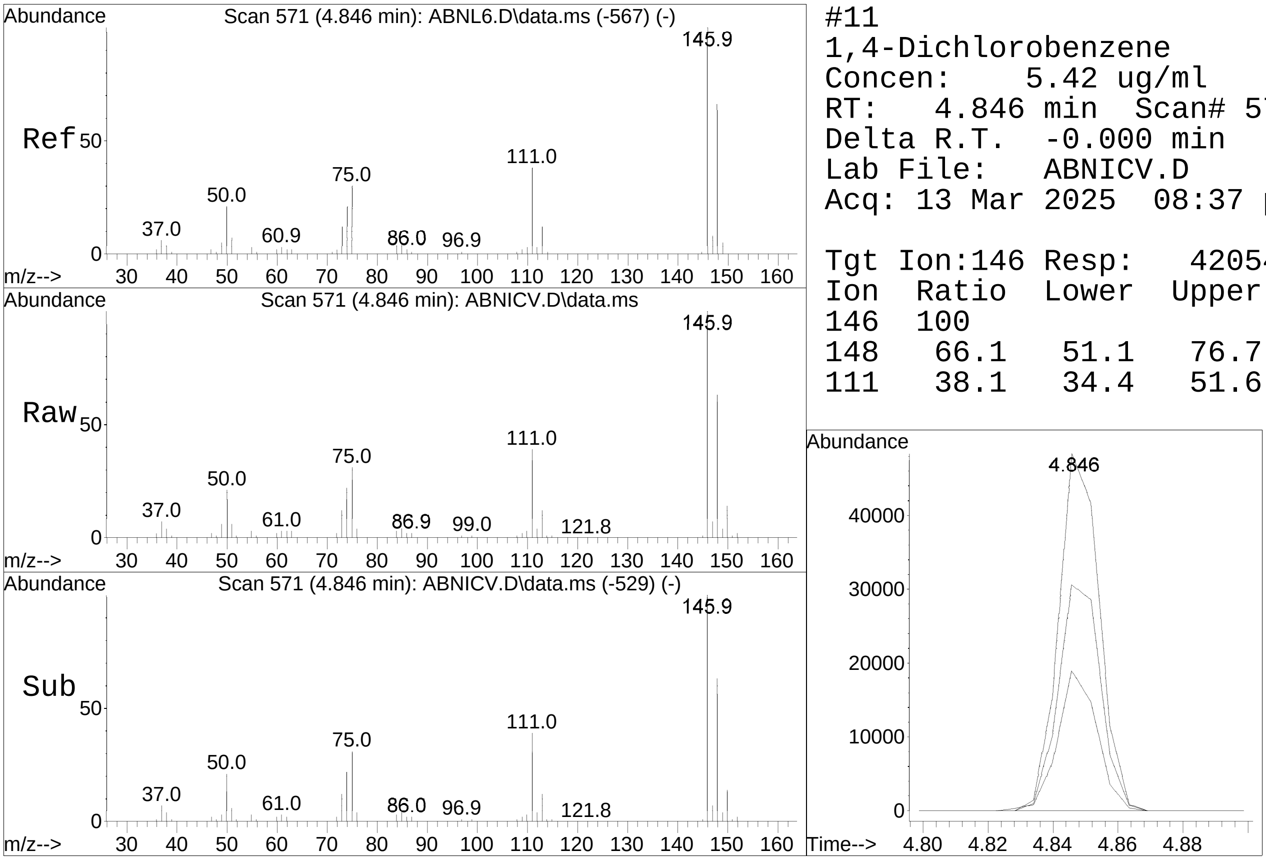


#10
1,3-Dichlorobenzene
Concen: 5.57 ug/ml
RT: 4.775 min Scan# 559
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:146 Resp: 41724

Ion	Ratio	Lower	Upper
146	100		
111	38.9	35.0	52.4
148	62.8	51.3	76.9

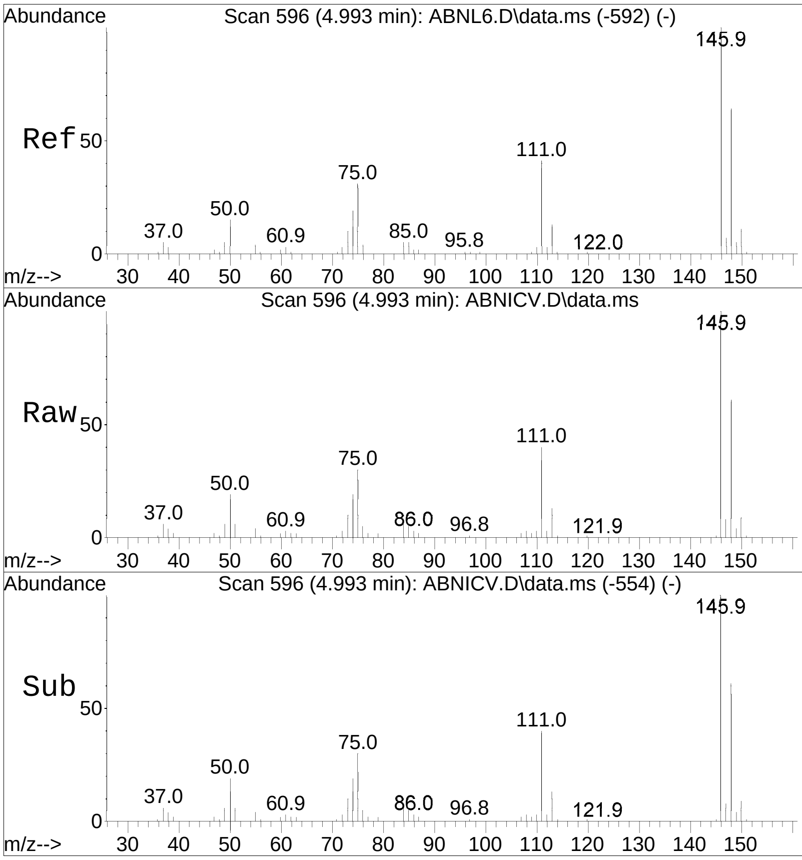




#11
1,4-Dichlorobenzene
Concen: 5.42 ug/ml
RT: 4.846 min Scan# 571
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:146 Resp: 42054

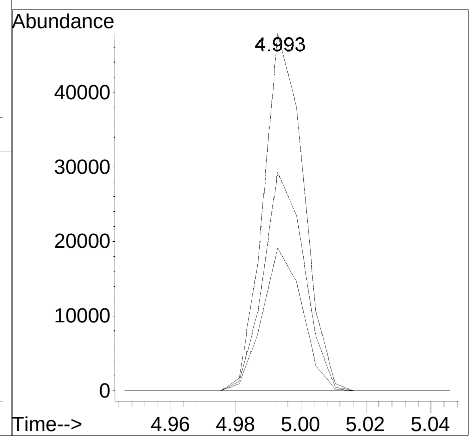
Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.1	76.7
111	38.1	34.4	51.6

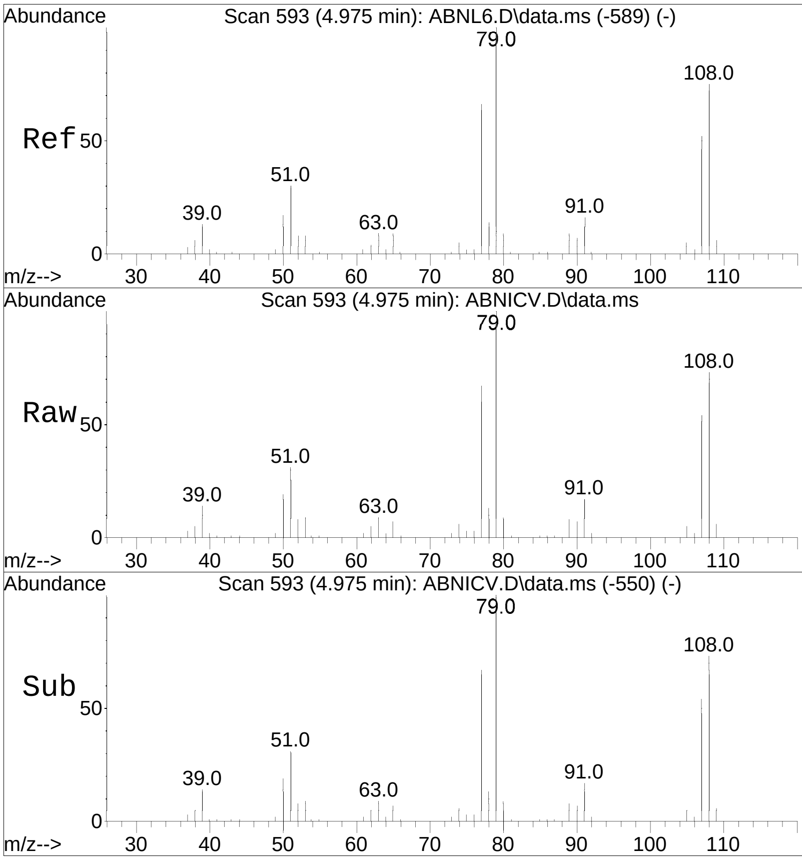


#12
1,2-Dichlorobenzene
Concen: 5.53 ug/ml
RT: 4.993 min Scan# 596
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:146 Resp: 41141

Ion	Ratio	Lower	Upper
146	100		
111	39.6	35.5	53.3
148	62.2	50.6	76.0

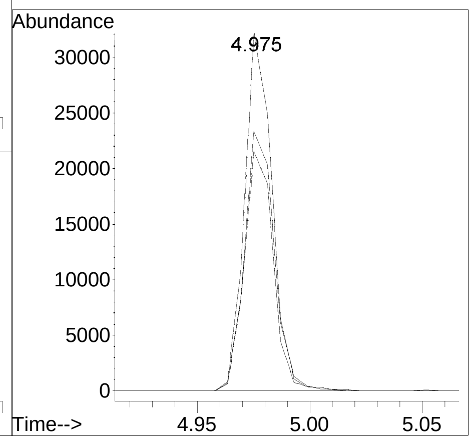


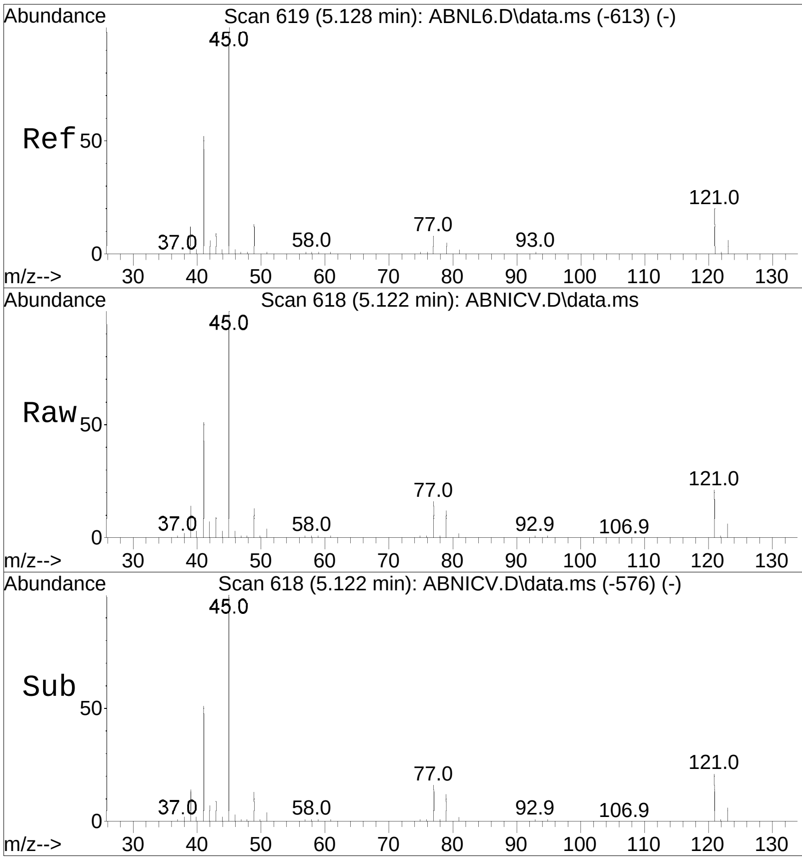


#13
Benzyl alcohol
Concen: 5.50 ug/ml
RT: 4.975 min Scan# 593
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 79 Resp: 27220

Ion	Ratio	Lower	Upper
79	100		
77	71.1	51.8	77.6
108	78.9	63.9	95.9

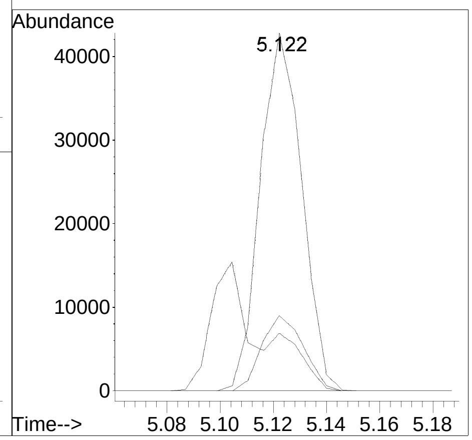


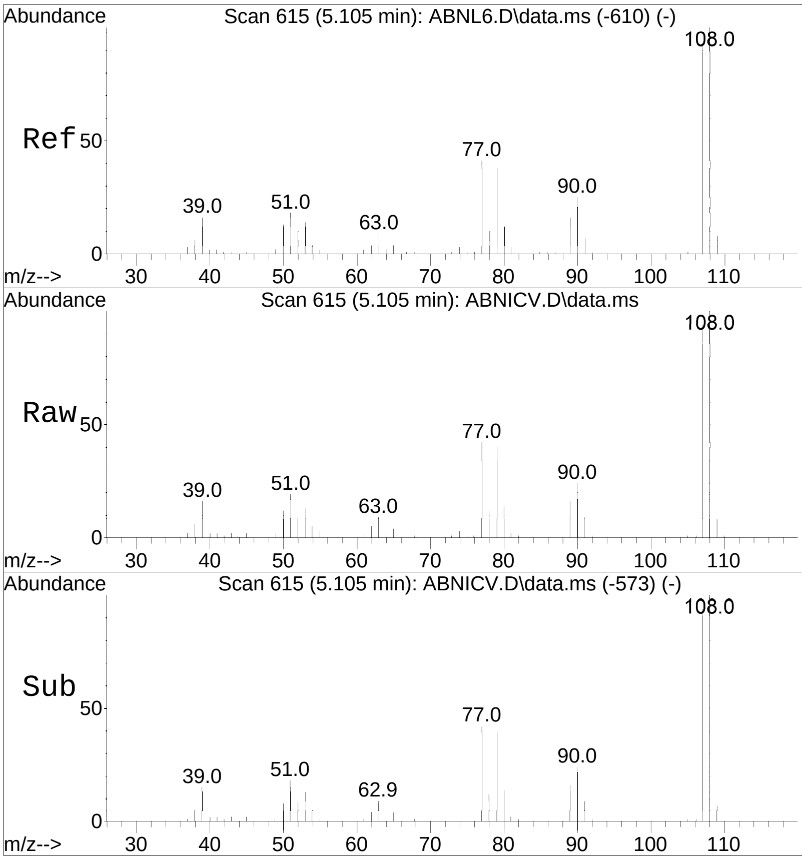


#14
Bis(2-chloroisopropyl)ether
Concen: 5.43 ug/ml
RT: 5.122 min Scan# 618
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 45 Resp: 46198

Ion	Ratio	Lower	Upper
45	100		
121	21.2	14.8	22.2
77	31.7	10.5	15.7#

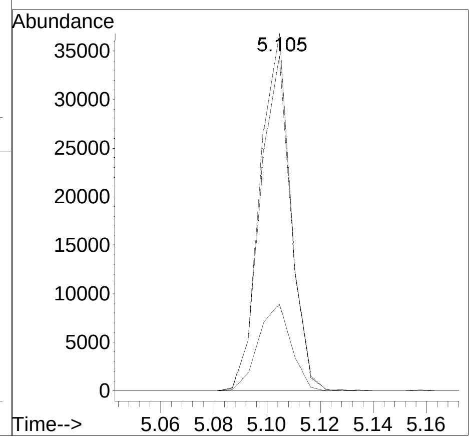


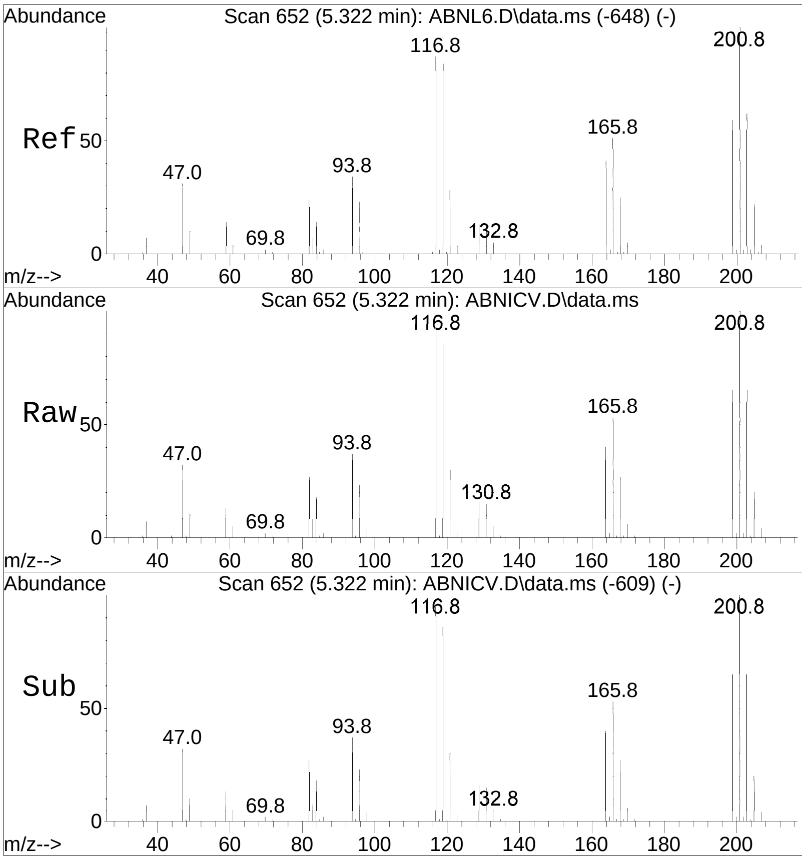


#15
2-Methylphenol
Concen: 5.48 ug/ml
RT: 5.105 min Scan# 615
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:108 Resp: 29423

Ion	Ratio	Lower	Upper
108	100		
107	93.9	71.0	106.4
90	26.1	19.7	29.5

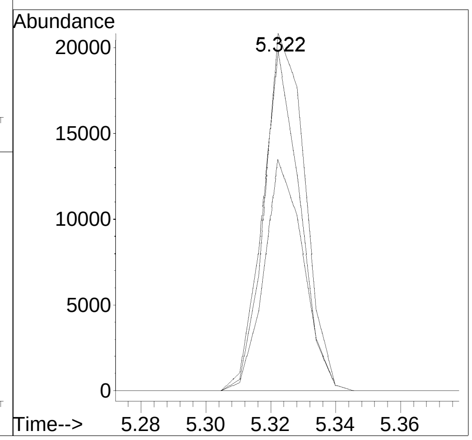


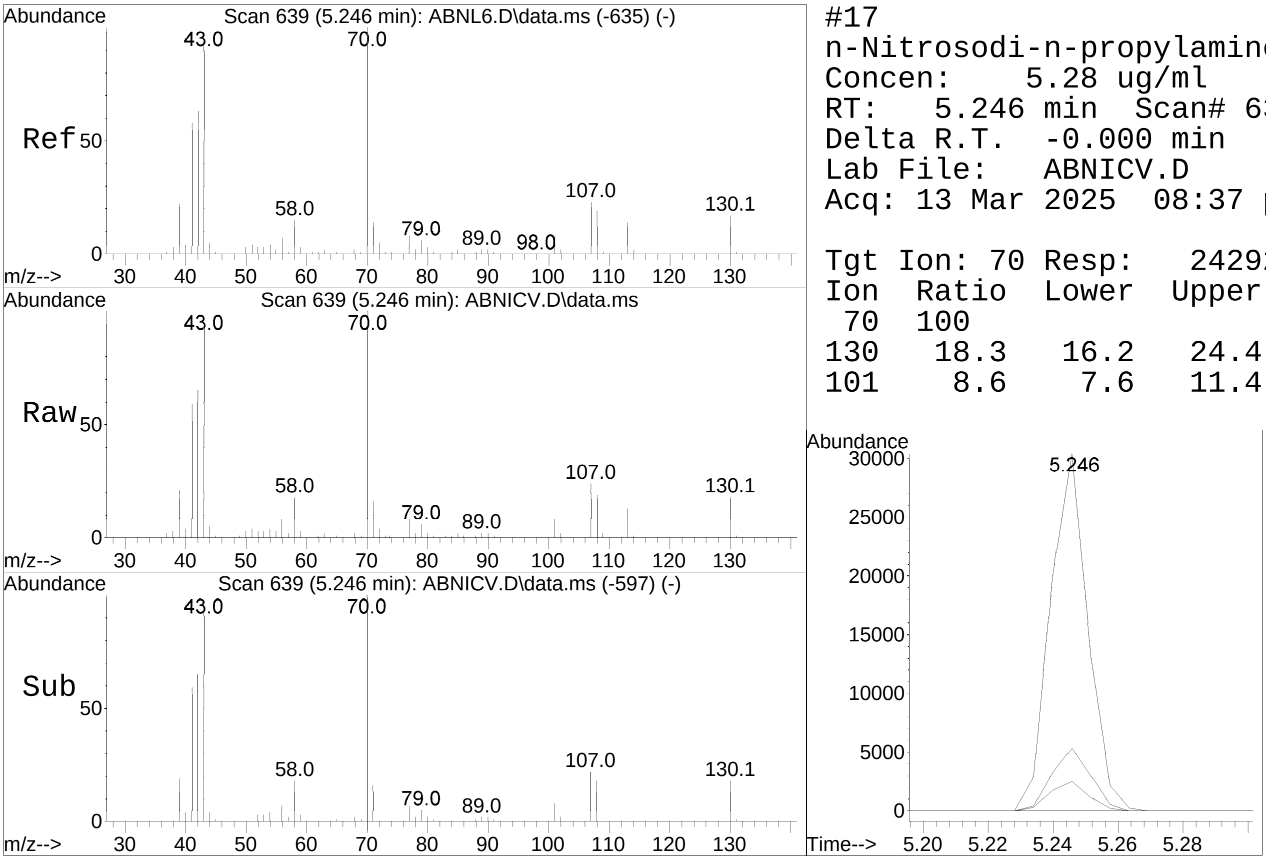


#16
Hexachloroethane
Concen: 5.54 ug/ml
RT: 5.322 min Scan# 652
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:117 Resp: 15814

Ion	Ratio	Lower	Upper
117	100		
201	113.8	64.4	96.6#
199	71.8	40.5	60.7#

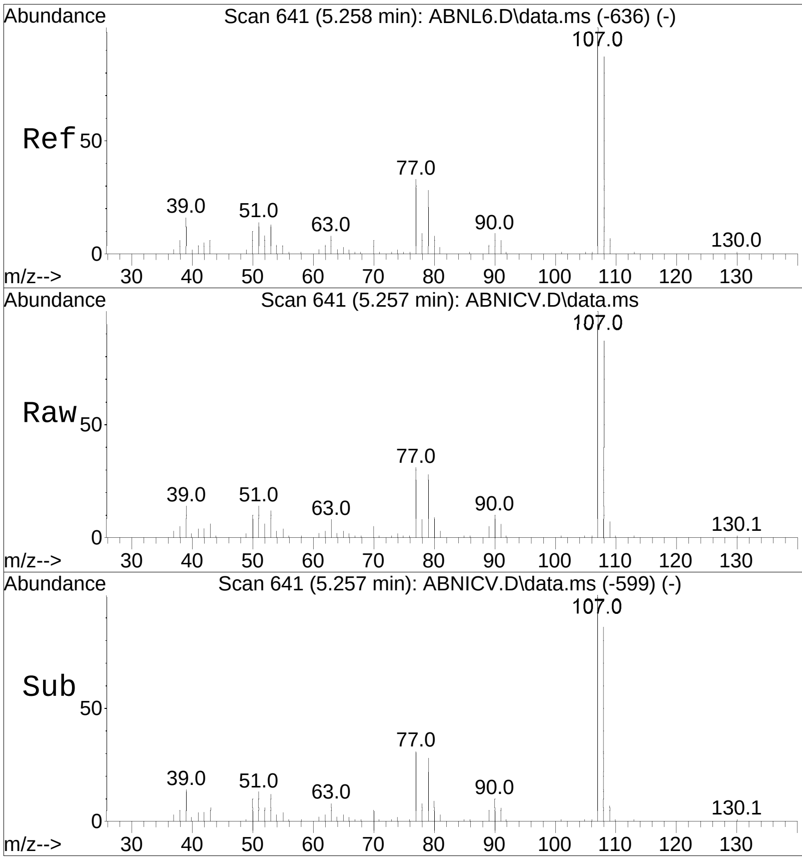




#17
n-Nitrosodi-n-propylamine
Concen: 5.28 ug/ml
RT: 5.246 min Scan# 639
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 70 Resp: 24292

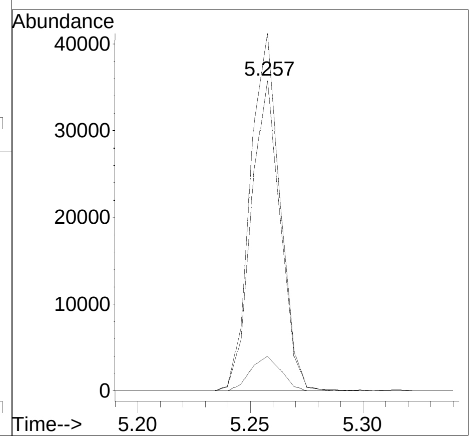
Ion	Ratio	Lower	Upper
70	100		
130	18.3	16.2	24.4
101	8.6	7.6	11.4

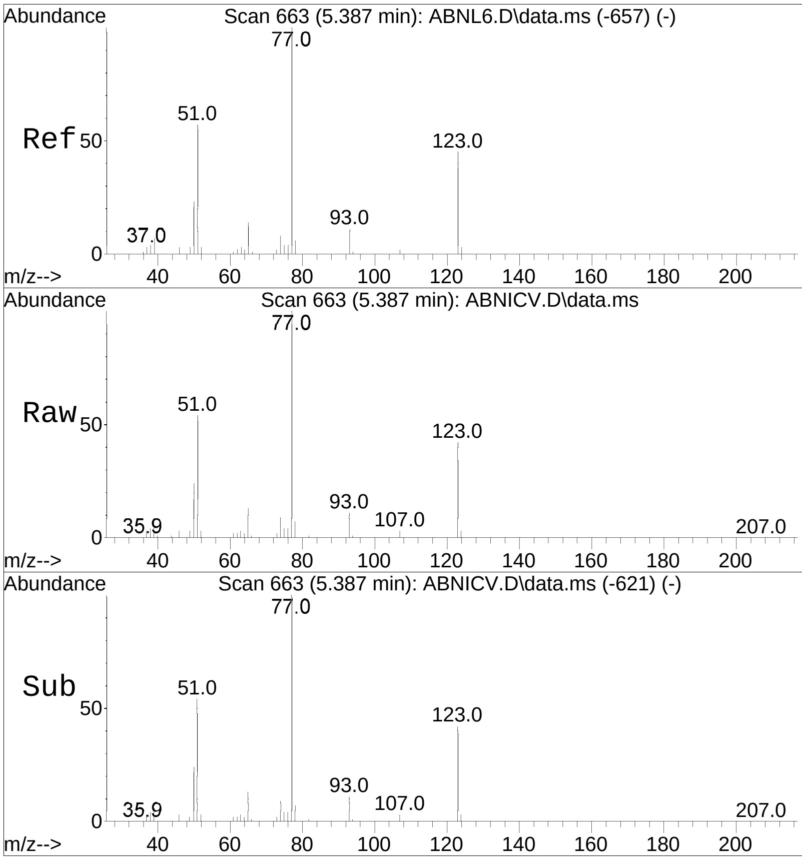


#18
3-Methylphenol/4-Methylphenol
Concen: 5.44 ug/ml
RT: 5.257 min Scan# 641
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:108 Resp: 32340

Ion	Ratio	Lower	Upper
108	100		
107	116.6	88.8	133.2
90	11.5	9.0	13.6

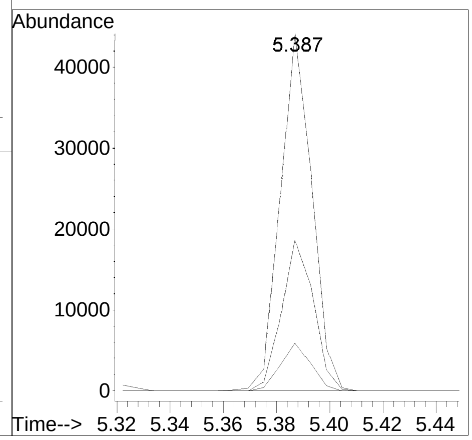


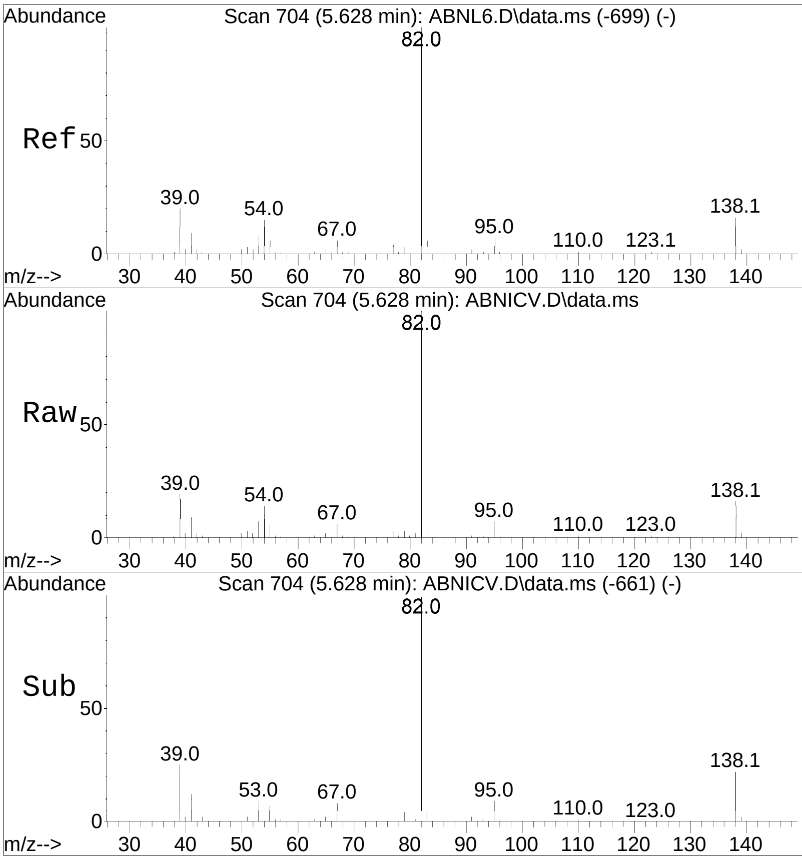


#20
Nitrobenzene
Concen: 5.46 ug/ml
RT: 5.387 min Scan# 663
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 77 Resp: 36161

Ion	Ratio	Lower	Upper
77	100		
123	42.8	37.3	55.9
65	13.0	10.9	16.3

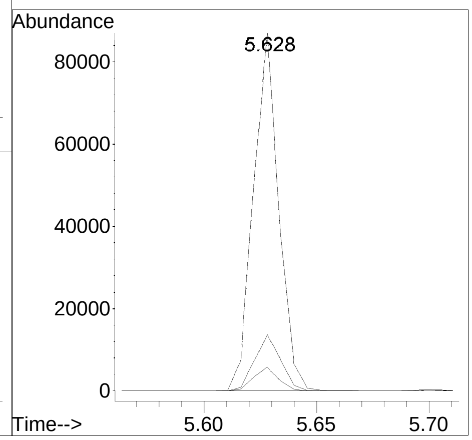


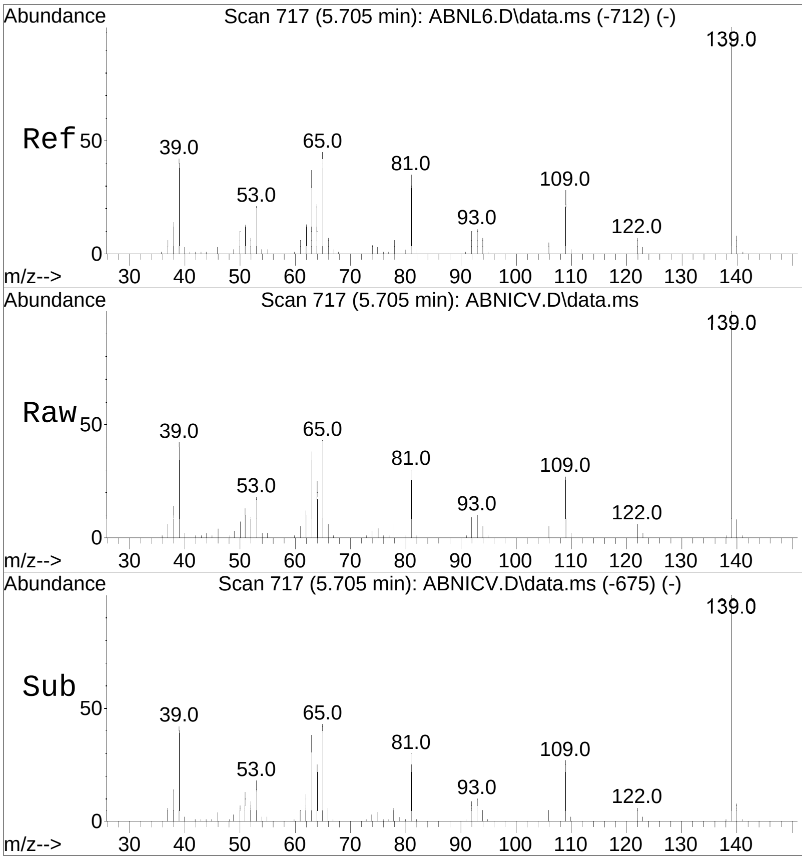


#21
Isophorone
Concen: 5.50 ug/ml
RT: 5.628 min Scan# 704
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 82 Resp: 67264

Ion	Ratio	Lower	Upper
82	100		
138	16.2	13.0	19.4
95	6.5	5.5	8.3

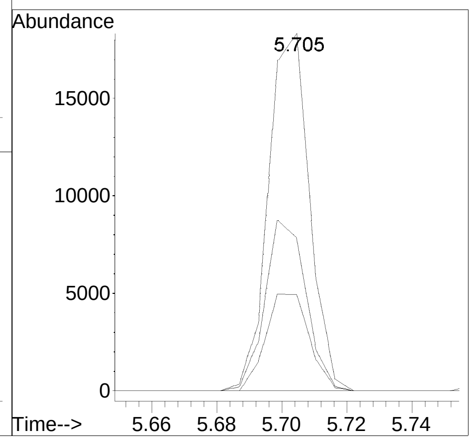


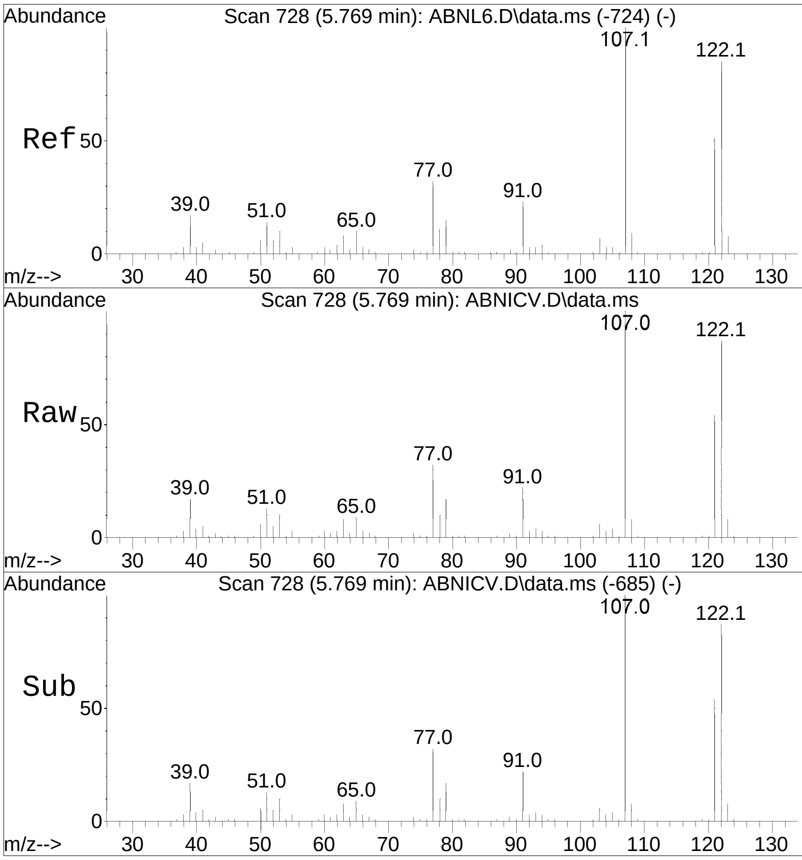


#22
2-Nitrophenol
Concen: 5.32 ug/ml
RT: 5.705 min Scan# 717
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:139 Resp: 16053

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.1	34.7
65	47.8	41.4	62.2

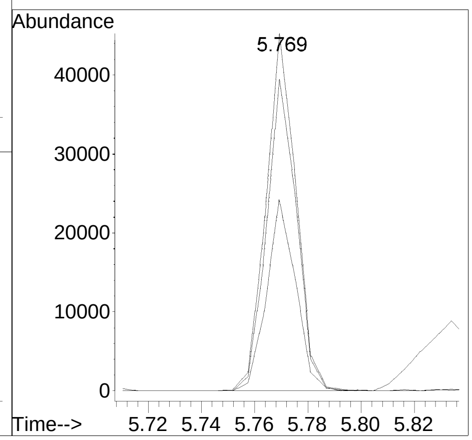


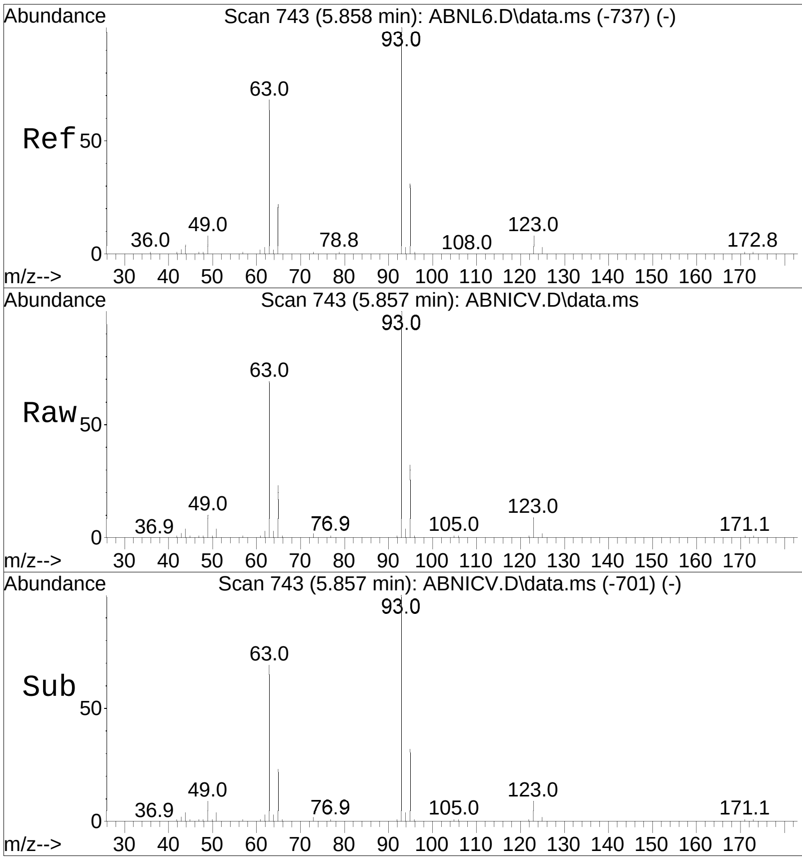


#23
2,4-Dimethylphenol
Concen: 5.60 ug/ml
RT: 5.769 min Scan# 728
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:107 Resp: 35250

Ion	Ratio	Lower	Upper
107	100		
121	52.1	41.3	61.9
122	87.1	69.3	103.9

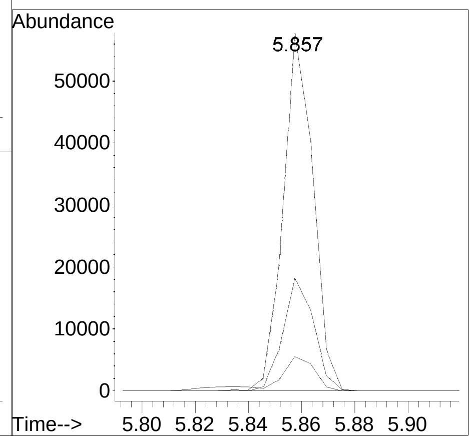


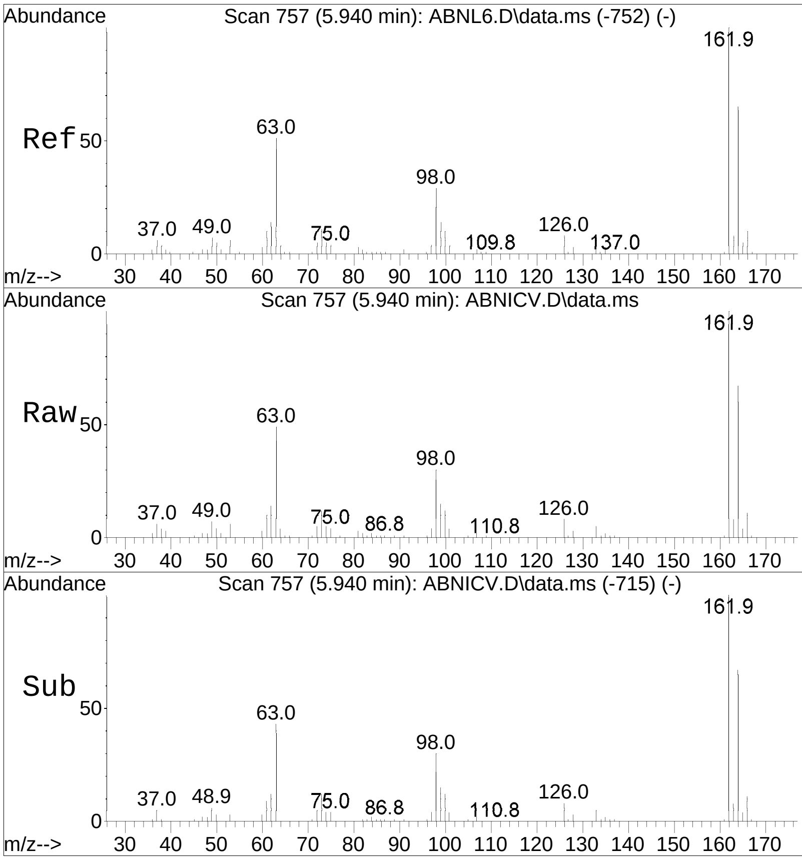


#24
Bis(2-chloroethoxy)methane
Concen: 5.45 ug/ml
RT: 5.857 min Scan# 743
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 93 Resp: 44820

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.8
123	12.0	9.6	14.4

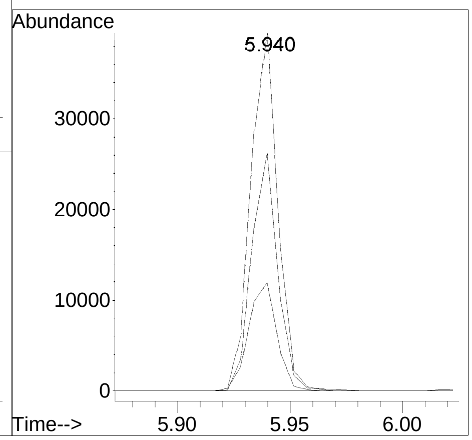


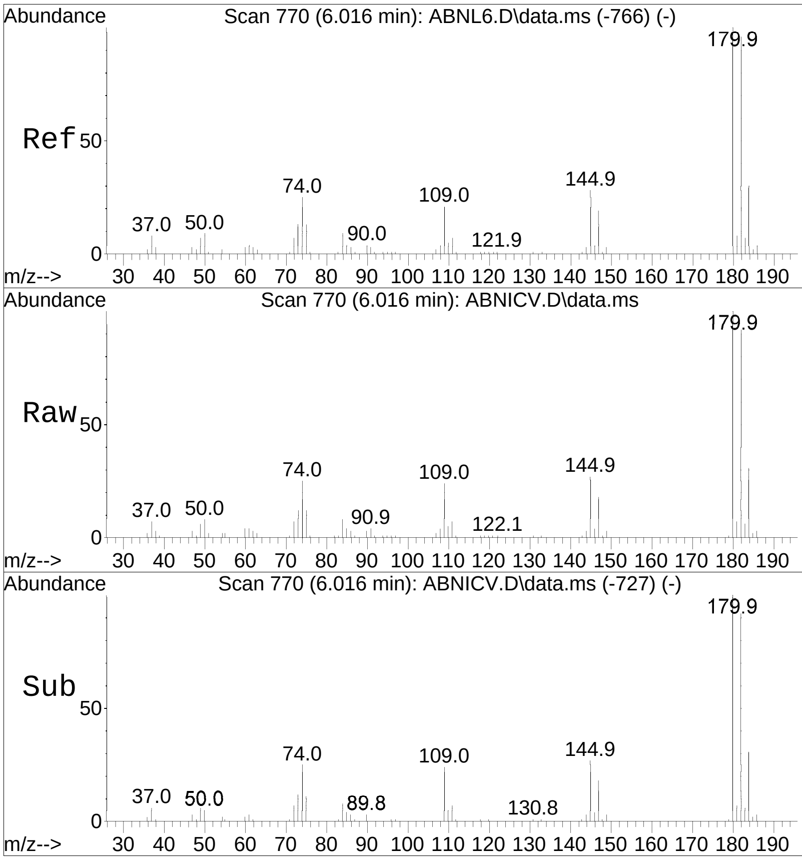


#25
2,4-Dichlorophenol
Concen: 5.69 ug/ml
RT: 5.940 min Scan# 757
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:162 Resp: 32874

Ion	Ratio	Lower	Upper
162	100		
164	64.2	51.1	76.7
98	31.7	32.2	48.2#

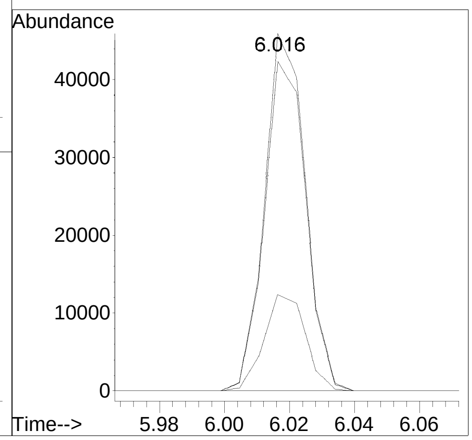


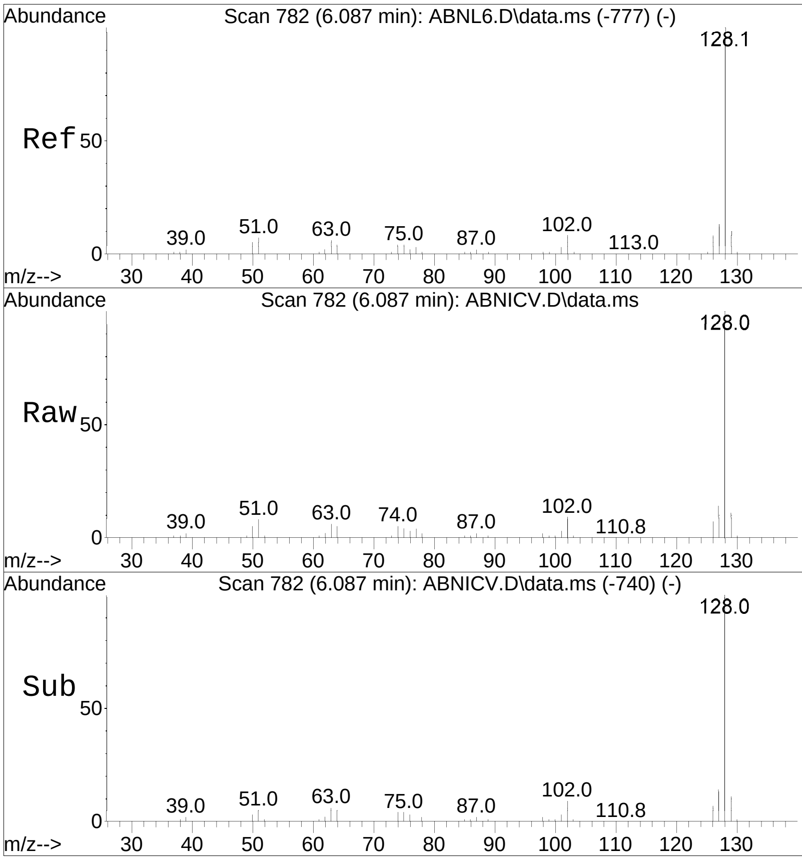


#26
1,2,4-Trichlorobenzene
Concen: 5.47 ug/ml
RT: 6.016 min Scan# 770
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:180 Resp: 40043

Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.8
145	27.5	26.3	39.5

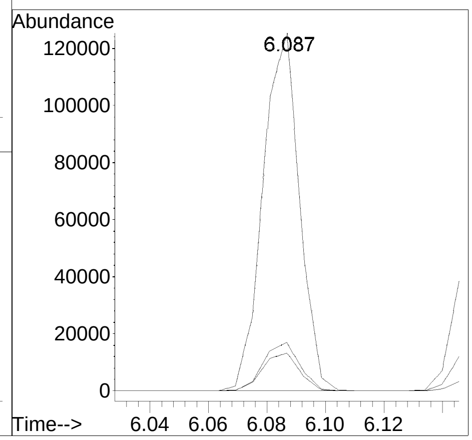


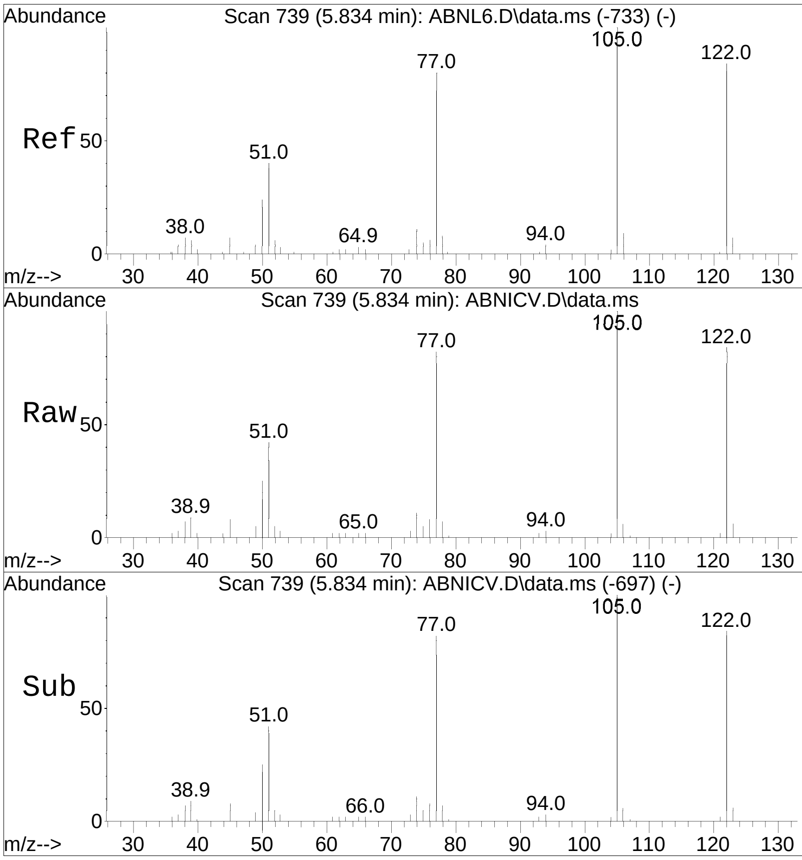


#36
Naphthalene
Concen: 5.37 ug/ml
RT: 6.087 min Scan# 782
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:128 Resp: 108008

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.6	10.6	15.8

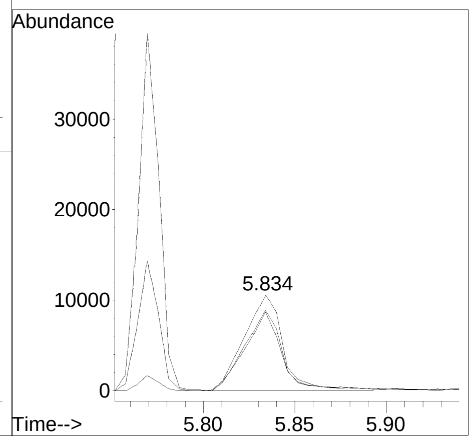


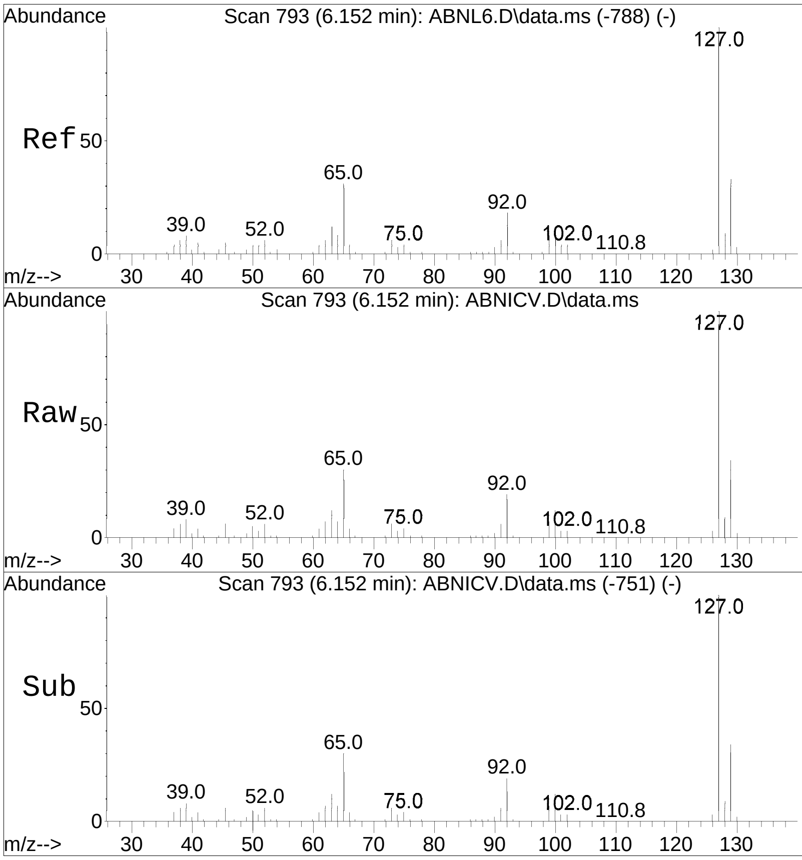


#37
Benzoic Acid
Concen: 3.65 ug/ml
RT: 5.834 min Scan# 739
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:105 Resp: 15773

Ion	Ratio	Lower	Upper
105	100		
122	83.1	62.6	93.8
77	80.5	59.1	88.7

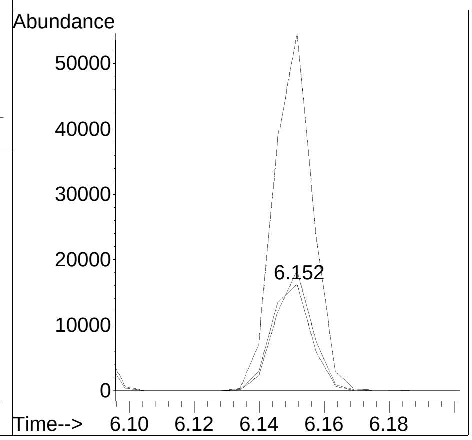


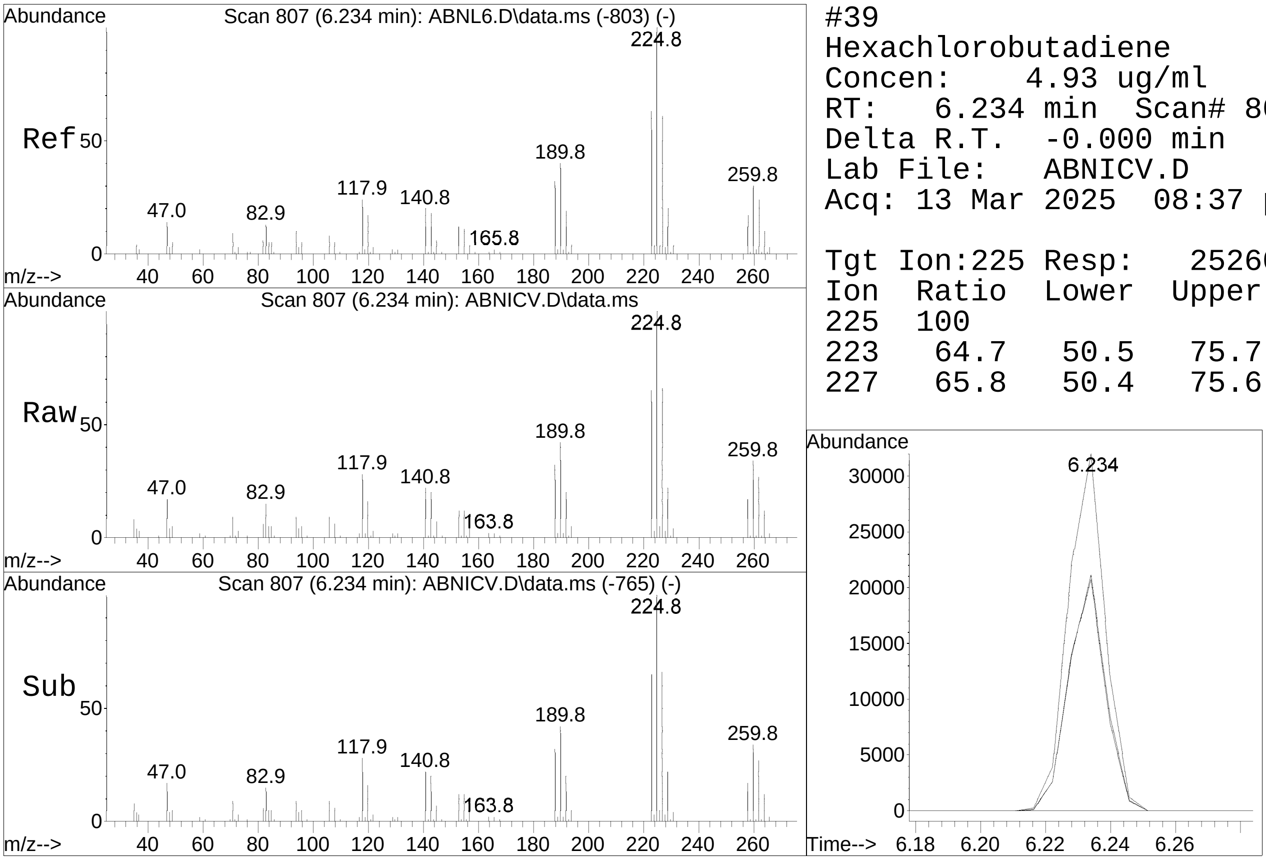


#38
4-Chloroaniline
Concen: 5.55 ug/ml
RT: 6.152 min Scan# 793
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 65 Resp: 13932

Ion	Ratio	Lower	Upper
65	100		
127	322.4	266.2	399.4
129	104.8	85.0	127.4

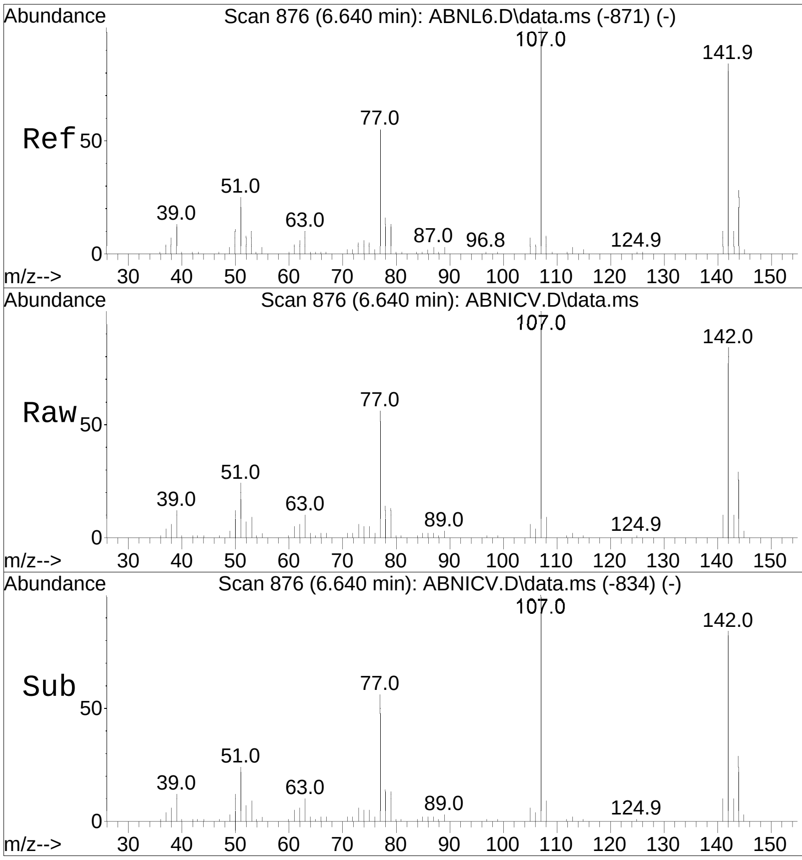




#39
Hexachlorobutadiene
Concen: 4.93 ug/ml
RT: 6.234 min Scan# 807
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:225 Resp: 25260

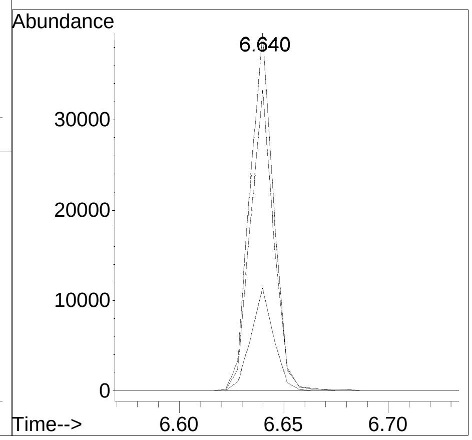
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.5	75.7
227	65.8	50.4	75.6

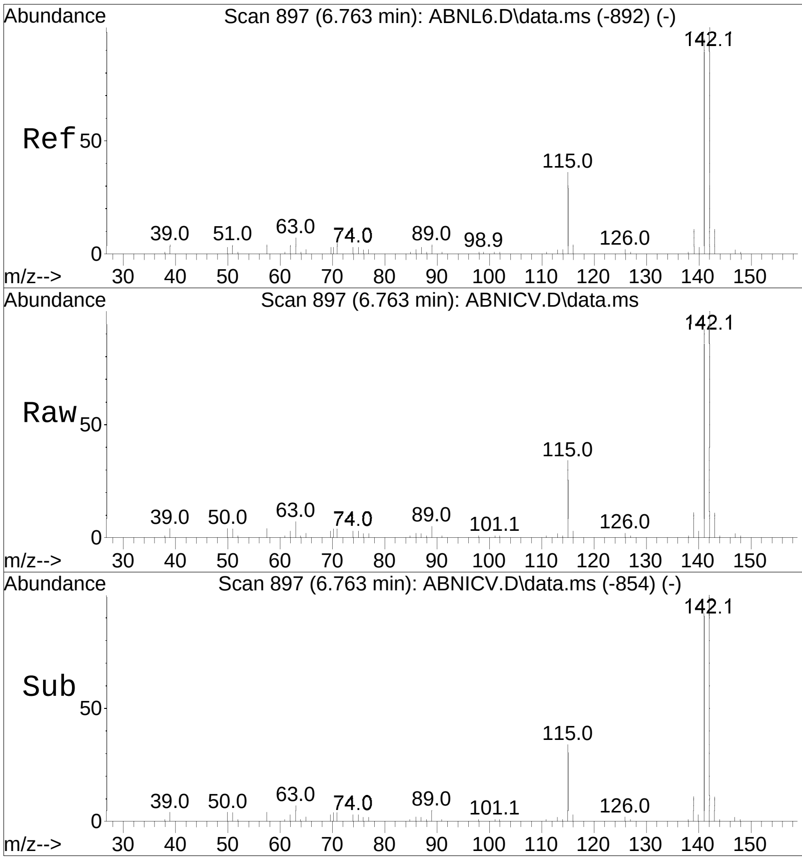


#40
p-Chloro-m-cresol
Concen: 5.48 ug/ml
RT: 6.640 min Scan# 876
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:107 Resp: 30863

Ion	Ratio	Lower	Upper
107	100		
144	27.9	20.3	30.5
142	83.1	63.8	95.6

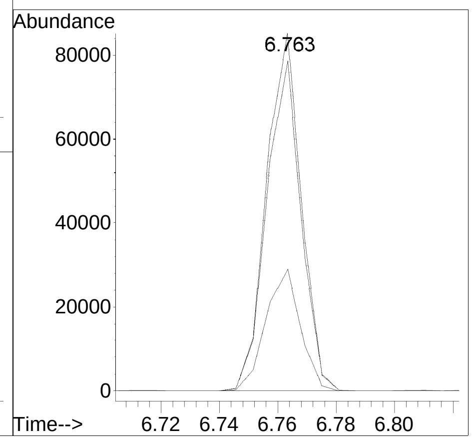


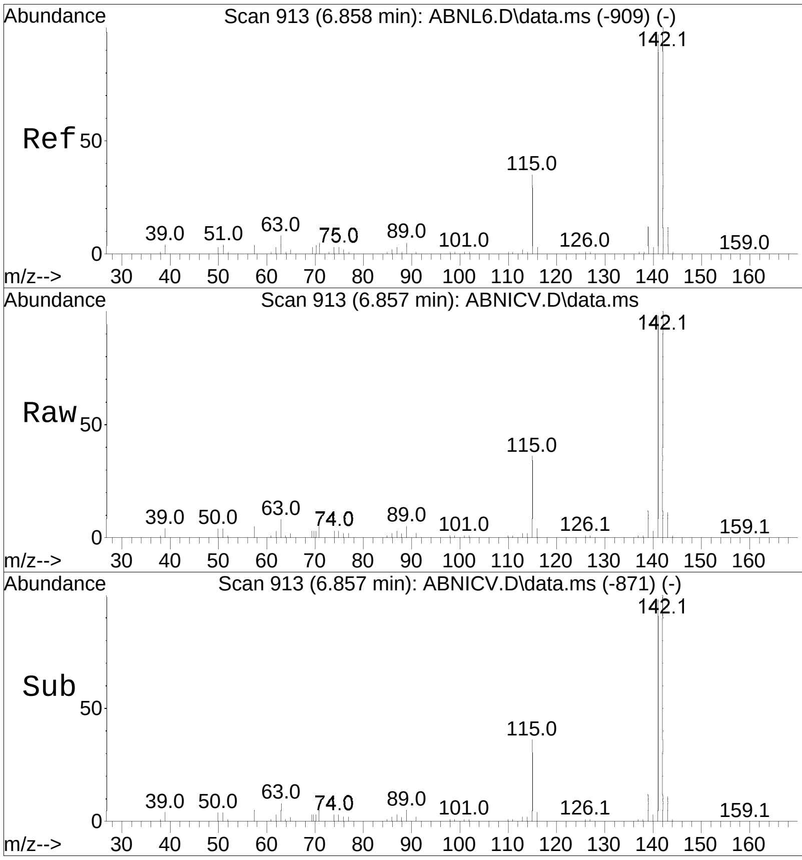


#41
2-Methylnaphthalene
Concen: 5.61 ug/ml
RT: 6.763 min Scan# 897
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:142 Resp: 70201

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.2	108.4
115	34.0	27.8	41.6

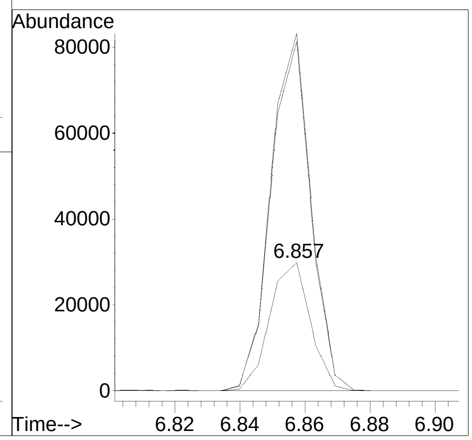


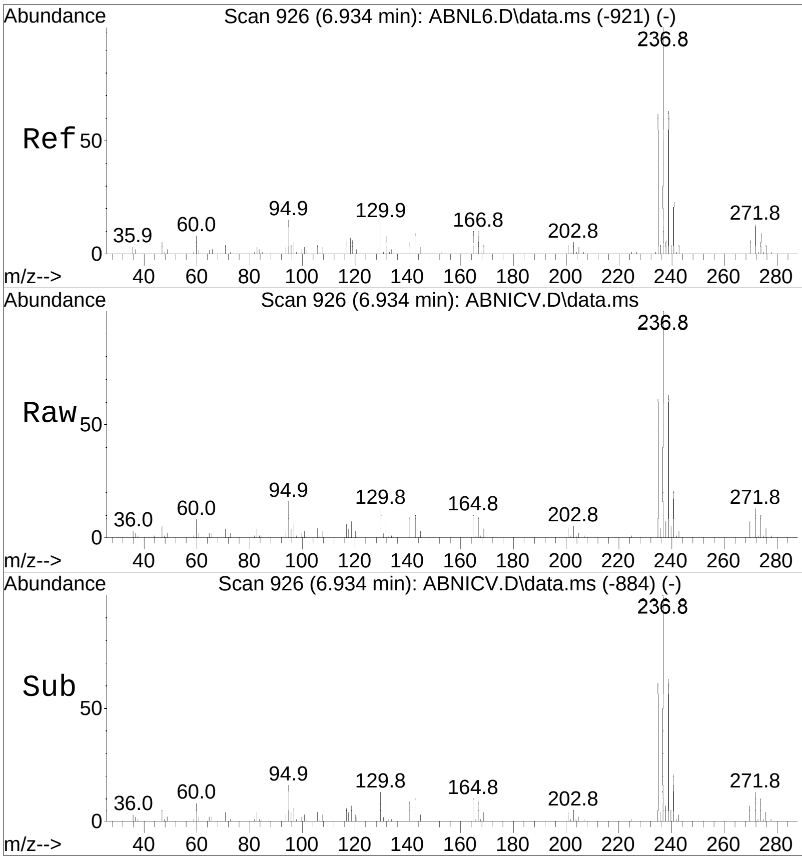


#42
1-Methylnaphthalene
Concen: 5.43 ug/ml
RT: 6.857 min Scan# 913
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:115 Resp: 25954

Ion	Ratio	Lower	Upper
115	100		
141	266.2	205.4	308.2
142	274.3	220.2	330.4

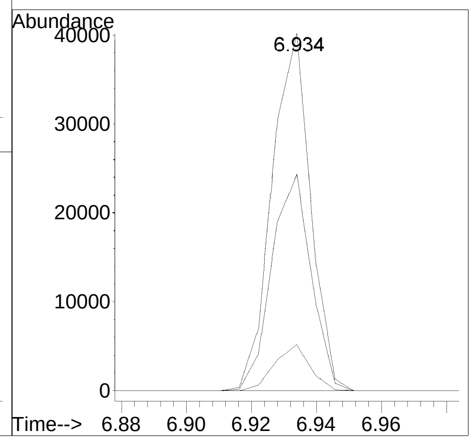


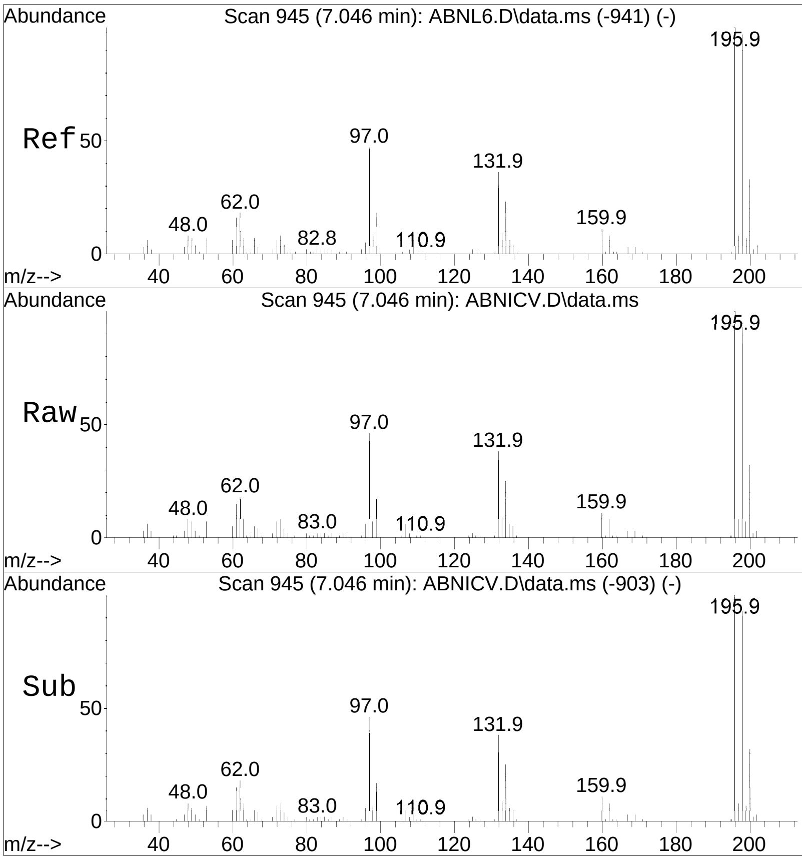


#43
Hexachlorocyclopentadiene
Concen: 5.36 ug/ml
RT: 6.934 min Scan# 926
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:237 Resp: 33131

Ion	Ratio	Lower	Upper
237	100		
235	62.0	50.9	76.3
272	11.9	10.1	15.1

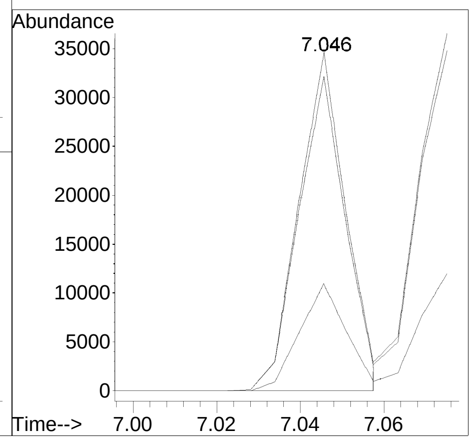


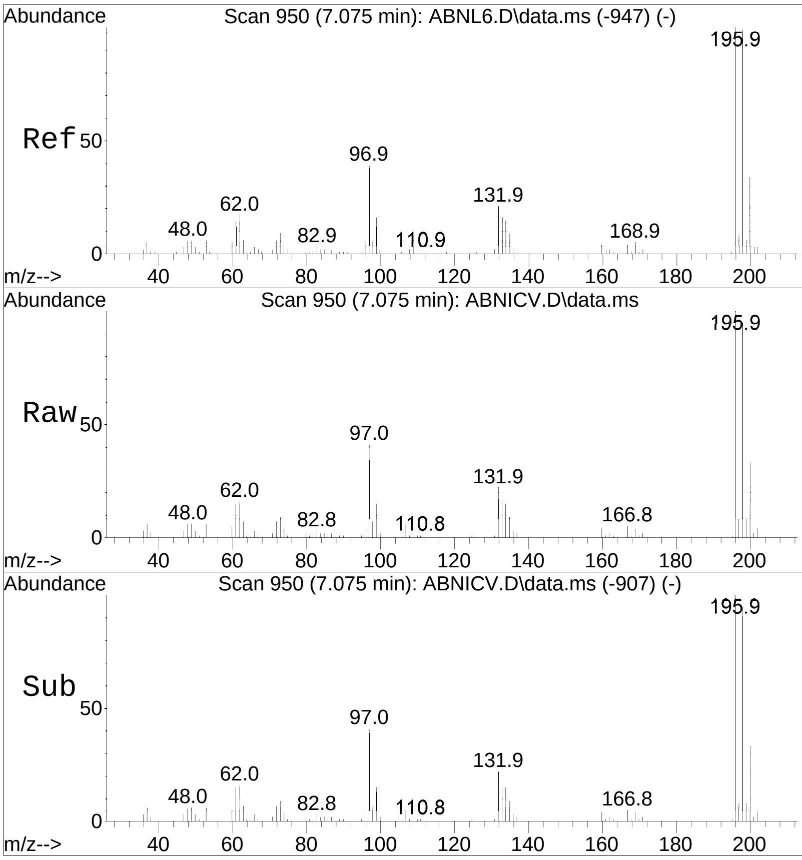


#44
2,4,6-Trichlorophenol
Concen: 5.11 ug/ml
RT: 7.046 min Scan# 945
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:196 Resp: 27069

Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.4	114.6
200	31.9	24.4	36.6

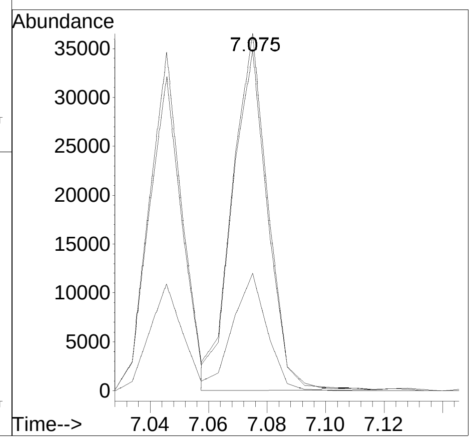


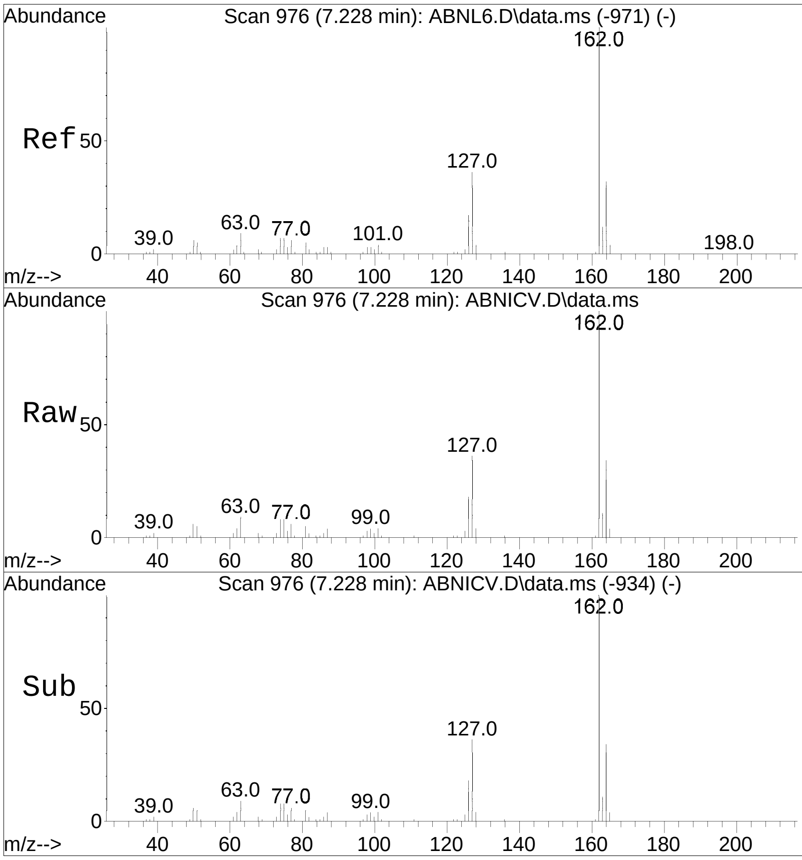


#45
2,4,5-Trichlorophenol
Concen: 5.72 ug/ml
RT: 7.075 min Scan# 950
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:196 Resp: 30599

Ion	Ratio	Lower	Upper
196	100		
200	32.0	24.2	36.4
198	96.4	76.2	114.2

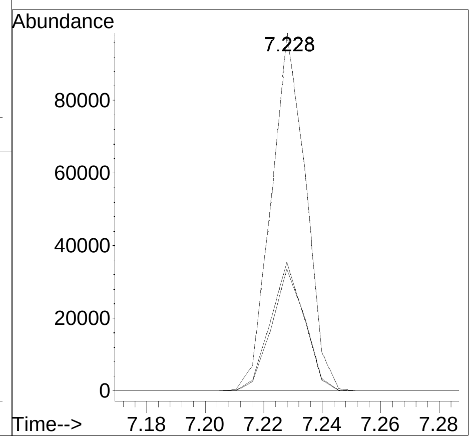


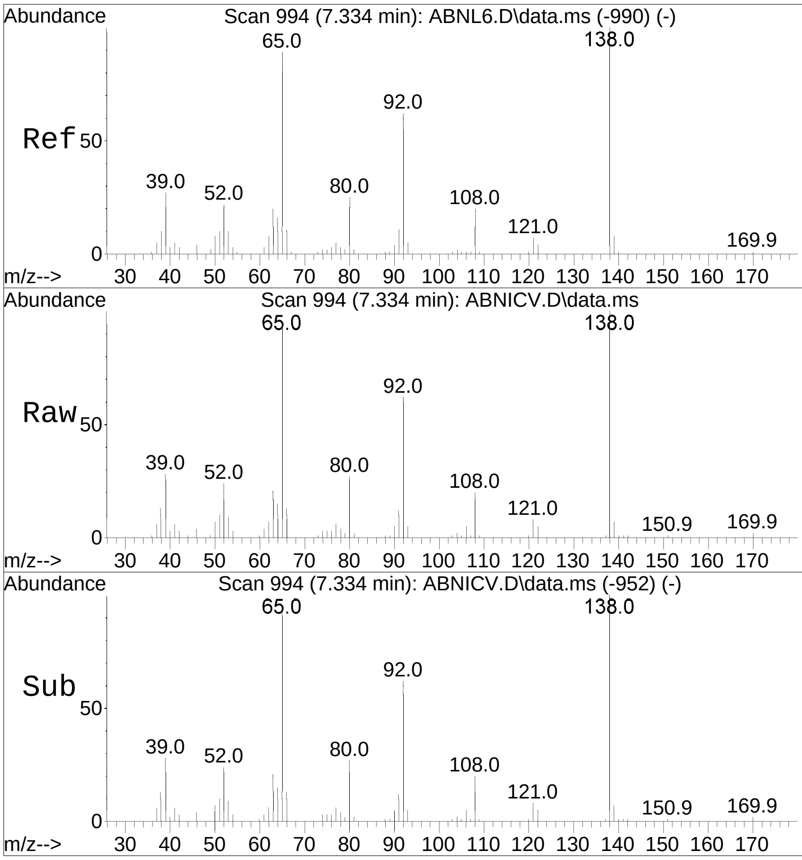


#47
2-Chloronaphthalene
Concen: 5.48 ug/ml
RT: 7.228 min Scan# 976
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:162 Resp: 80417

Ion	Ratio	Lower	Upper
162	100		
127	35.2	33.8	50.6
164	33.5	25.8	38.6

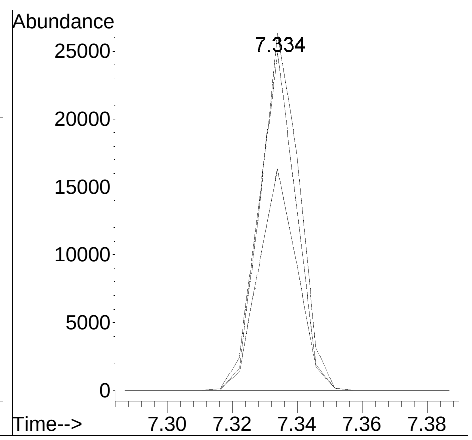


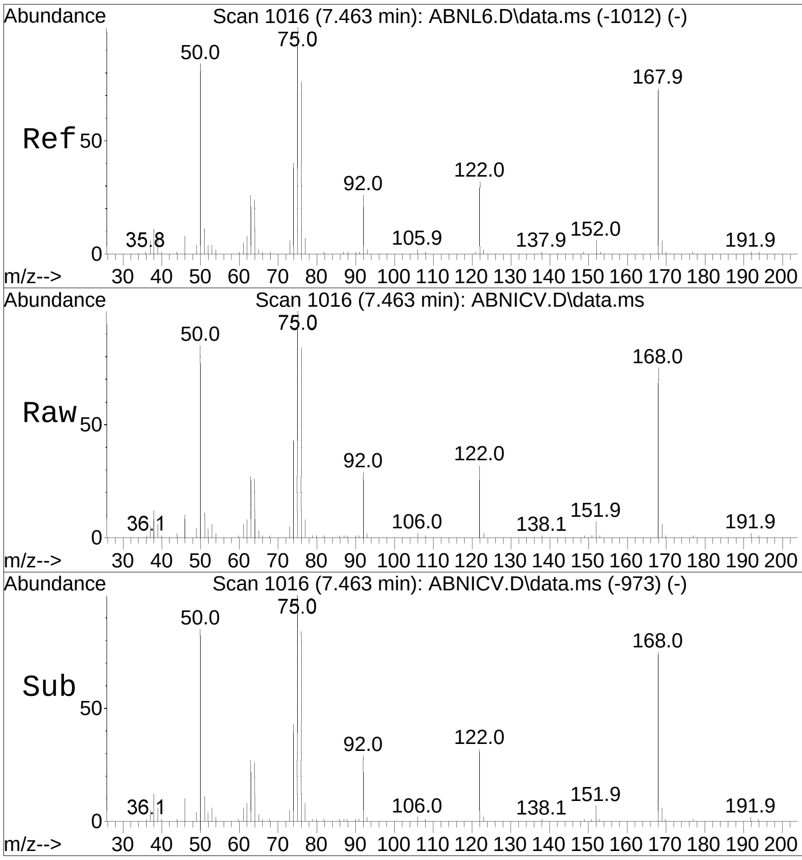


#48
2-Nitroaniline
Concen: 5.49 ug/ml
RT: 7.334 min Scan# 994
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:138 Resp: 21732

Ion	Ratio	Lower	Upper
138	100		
92	61.7	52.1	78.1
65	91.6	75.9	113.9

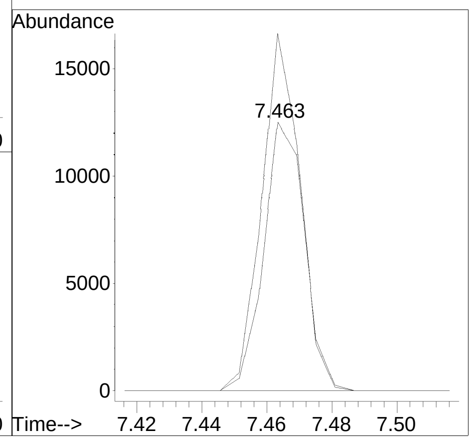


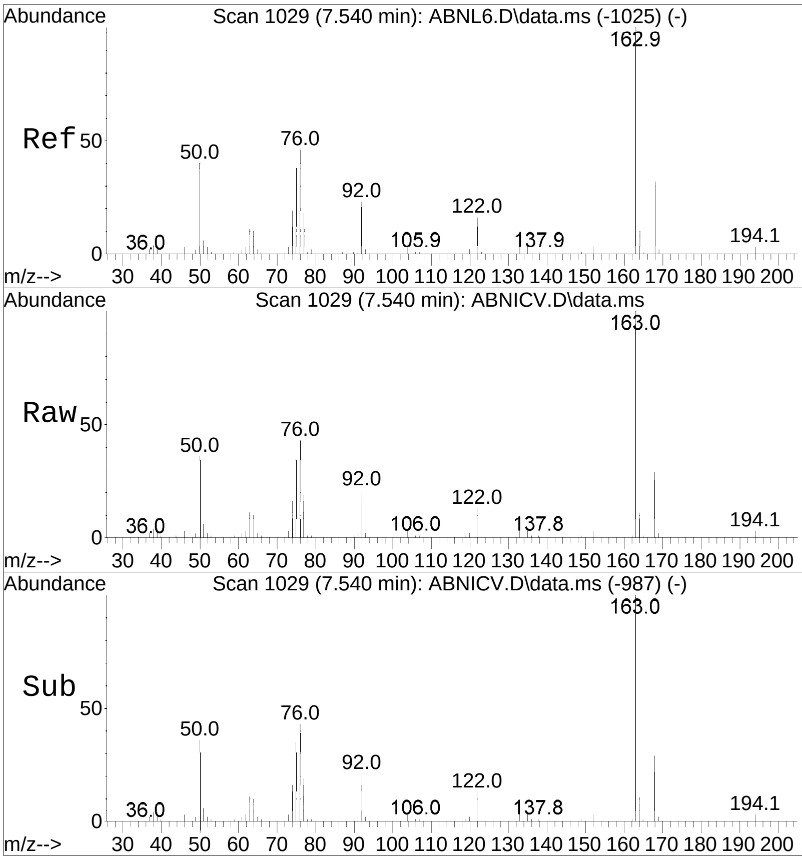


#49
1,4-Dinitrobenzene
Concen: 5.04 ug/ml
RT: 7.463 min Scan# 1016
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:168 Resp: 10929

Ion	Ratio	Lower	Upper
168	100		
75	124.5	111.0	166.4

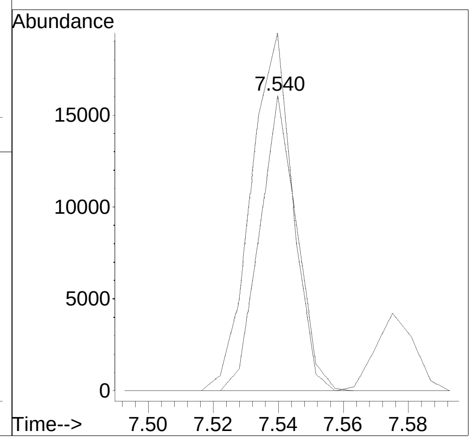


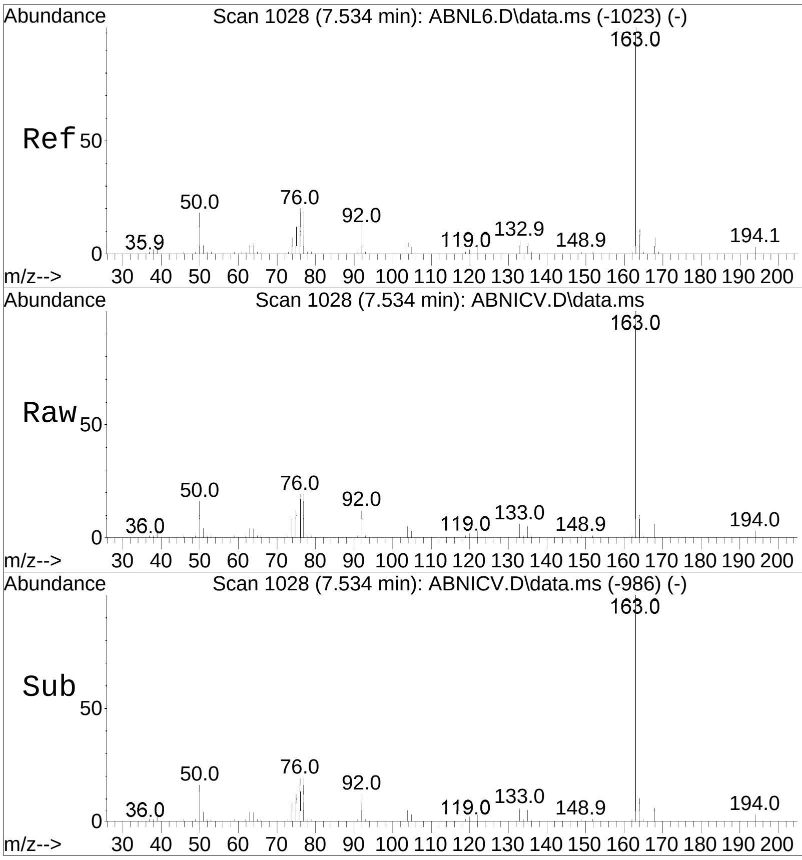


#50
1,3-Dinitrobenzene
Concen: 5.26 ug/ml
RT: 7.540 min Scan# 1029
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:168 Resp: 12685

Ion	Ratio	Lower	Upper
168	100		
75	136.5	116.4	174.6

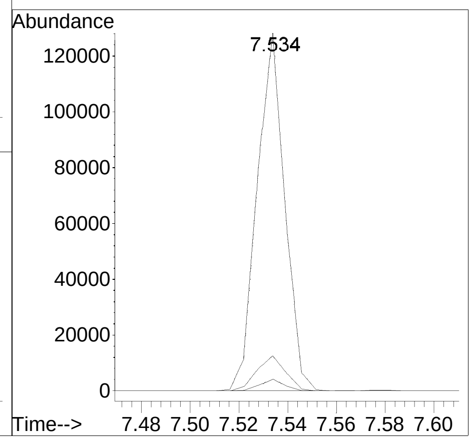


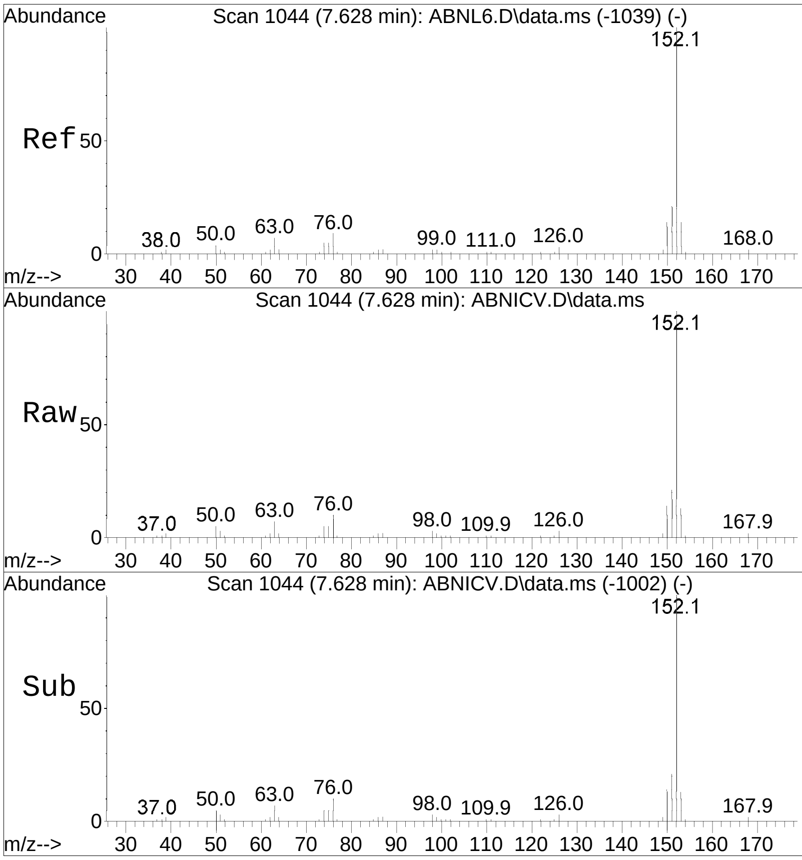


#51
Dimethyl phthalate
Concen: 5.32 ug/ml
RT: 7.534 min Scan# 1028
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:163 Resp: 100058

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.3	3.5
164	10.2	8.2	12.2

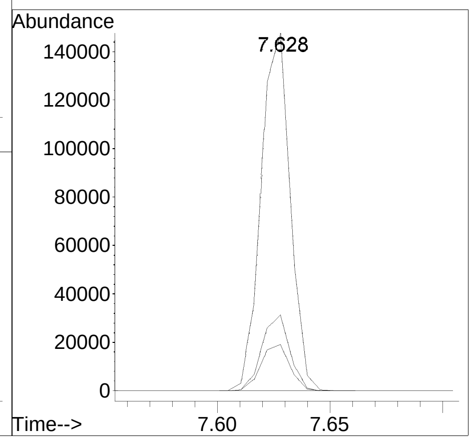




#52
Acenaphthylene
Concen: 5.56 ug/ml
RT: 7.628 min Scan# 1044
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:152 Resp: 132376

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.0	10.5	15.7



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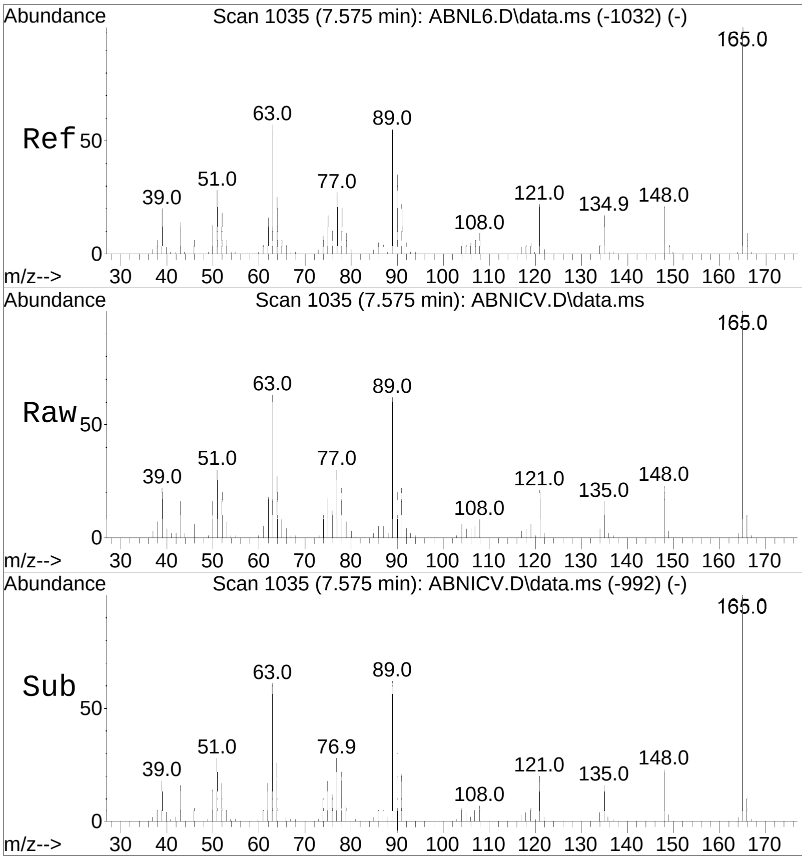
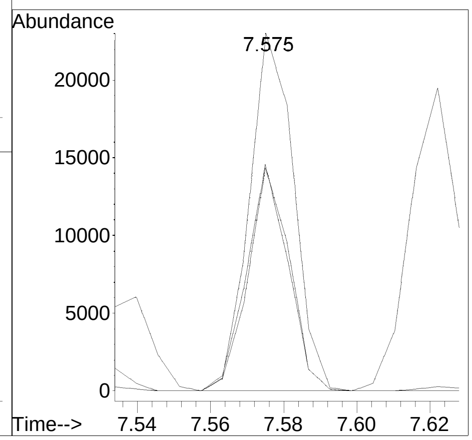
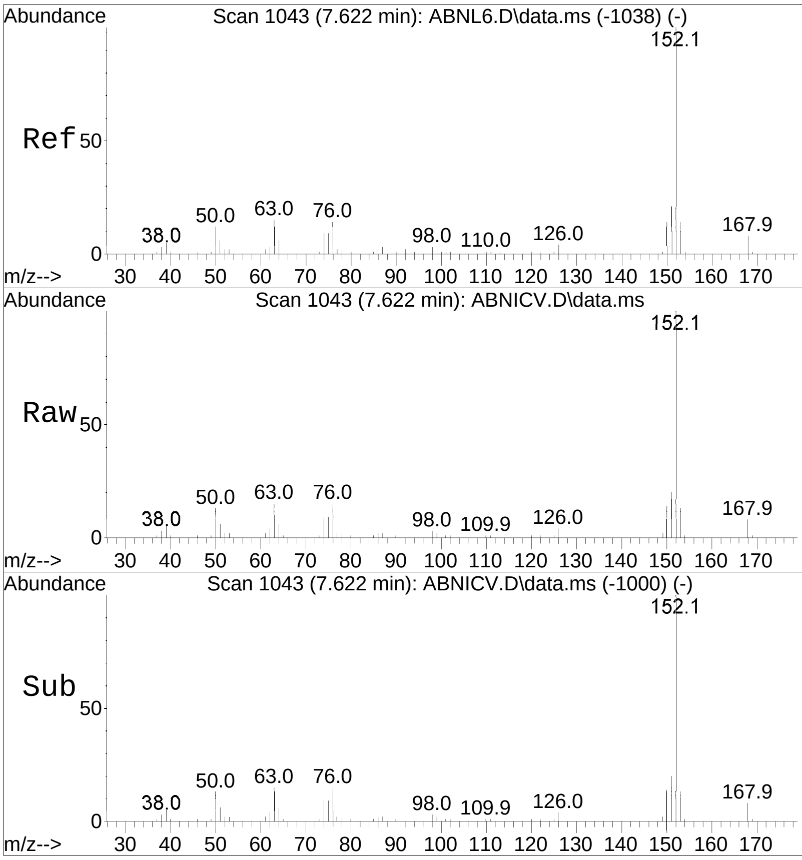


#53
2,6-Dinitrotoluene
Concen: 5.63 ug/ml
RT: 7.575 min Scan# 1035
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:165 Resp: 19401

Ion	Ratio	Lower	Upper
165	100		
89	58.2	48.8	73.2
63	58.9	50.5	75.7

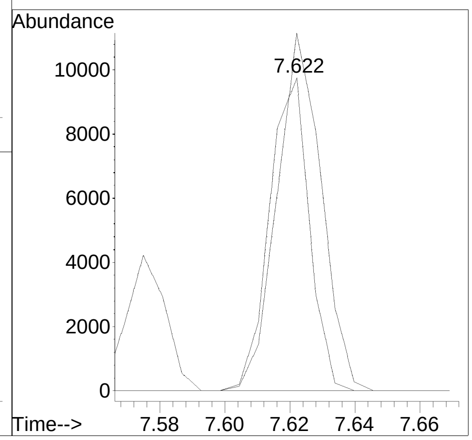


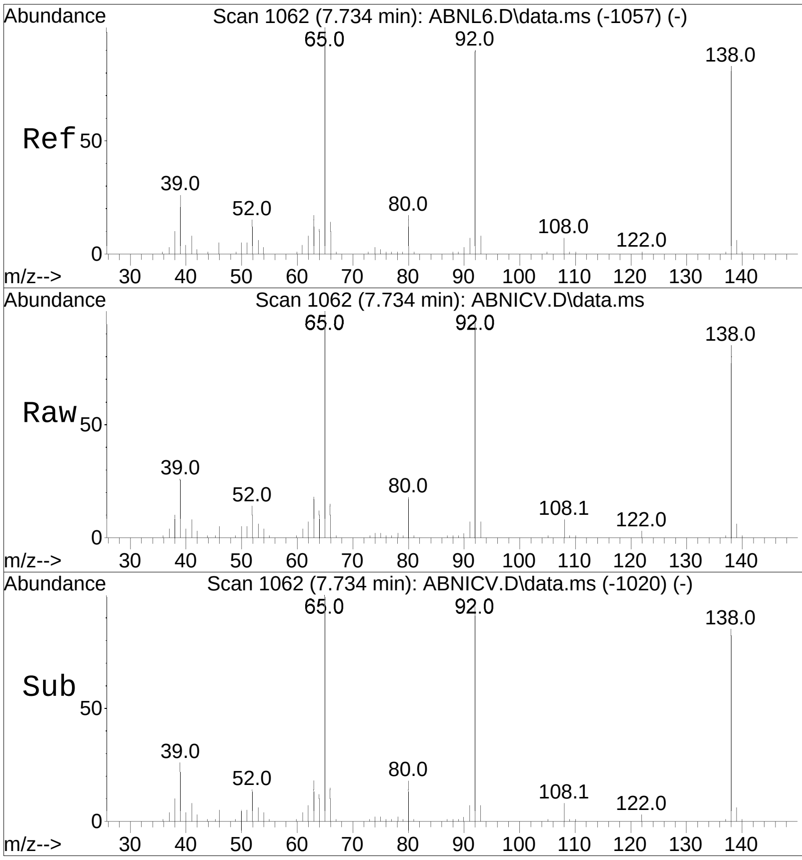


#54
1,2-Dinitrobenzene
Concen: 5.20 ug/ml
RT: 7.622 min Scan# 1043
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:168 Resp: 8308

Ion	Ratio	Lower	Upper
168	100		
75	126.8	32.2	48.2#

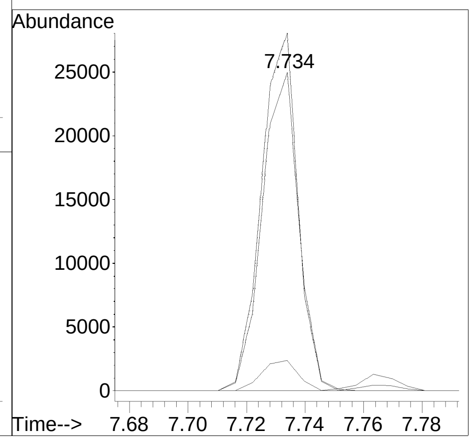


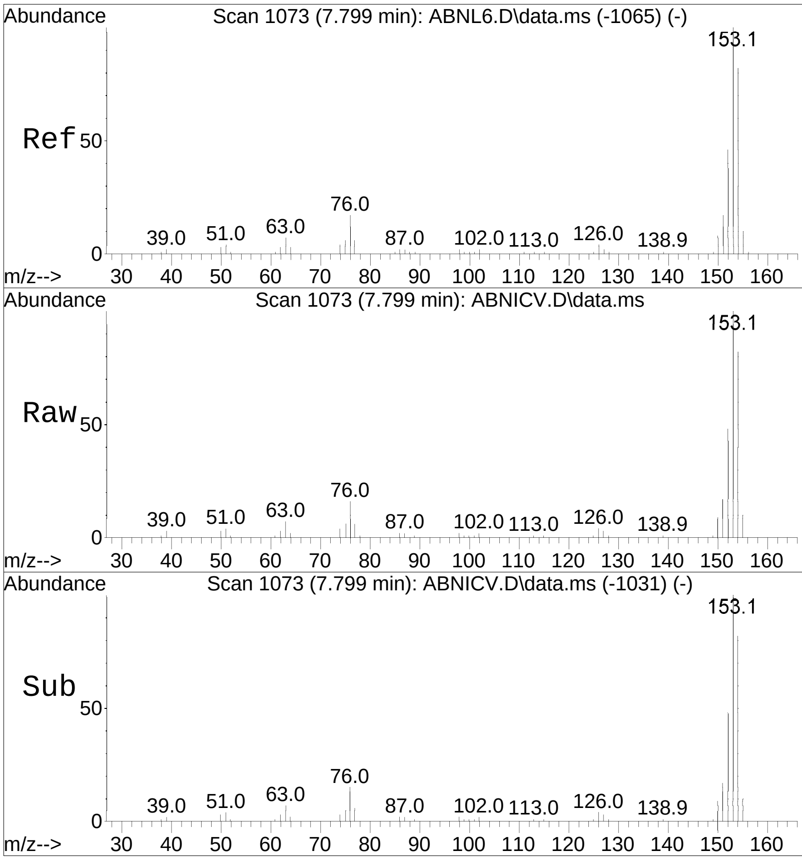


#64
3-Nitroaniline
Concen: 5.48 ug/ml
RT: 7.734 min Scan# 1062
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:138 Resp: 21673

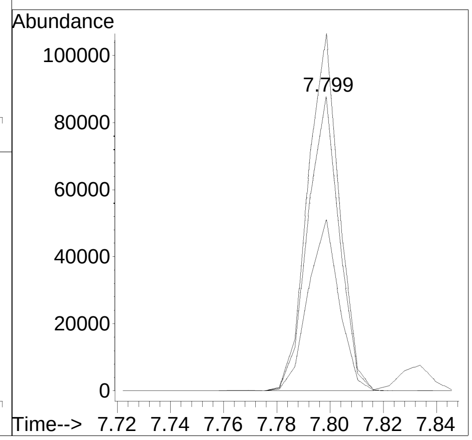
Ion	Ratio	Lower	Upper
138	100		
92	111.1	92.8	139.2
108	9.5	7.9	11.9

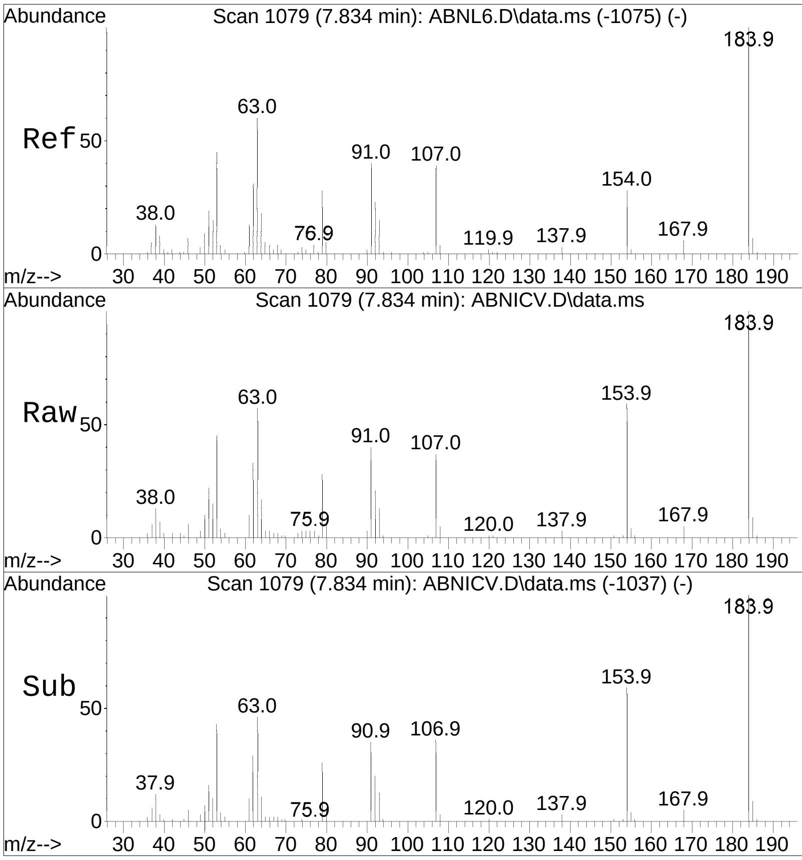




#65
Acenaphthene
Concen: 5.27 ug/ml
RT: 7.799 min Scan# 1073
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt	Ion:154	Resp:	72325
Ion	Ratio	Lower	Upper
154	100		
153	121.0	93.0	139.4
152	57.7	43.3	64.9

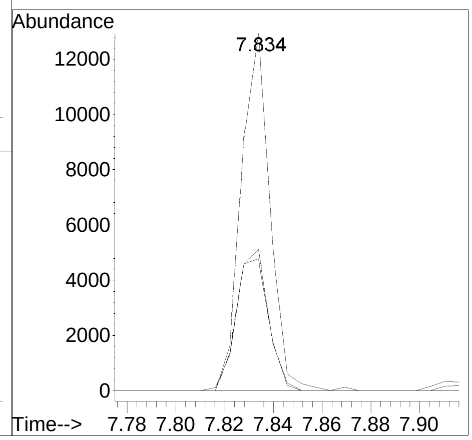


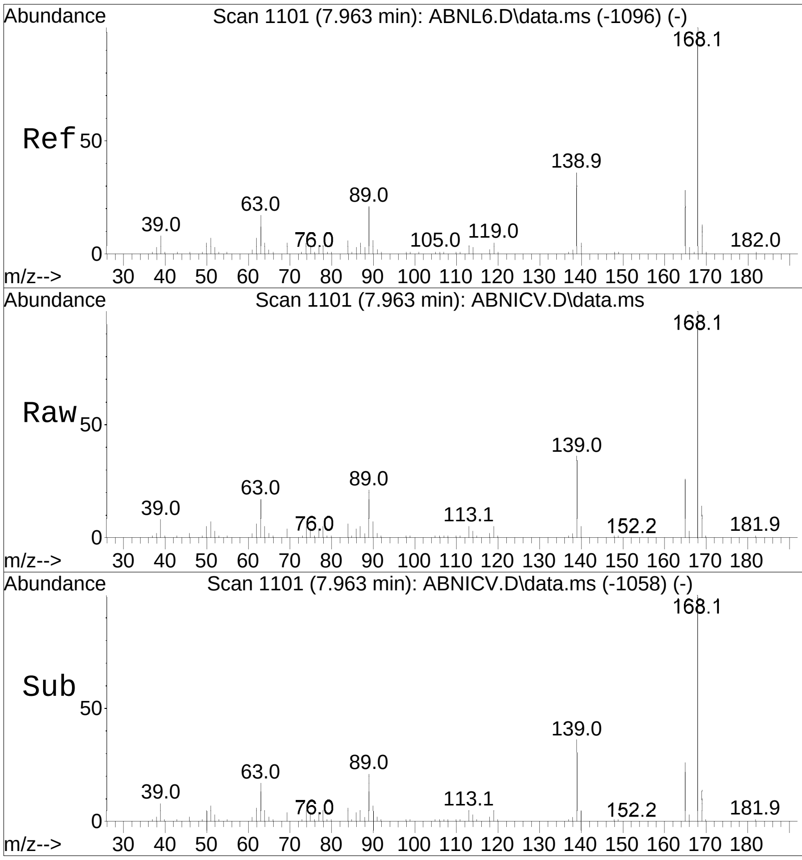


#66
2,4-Dinitrophenol
Concen: 4.27 ug/ml
RT: 7.834 min Scan# 1079
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:184 Resp: 10560

Ion	Ratio	Lower	Upper
184	100		
107	42.6	41.8	62.6
91	43.8	44.2	66.2#

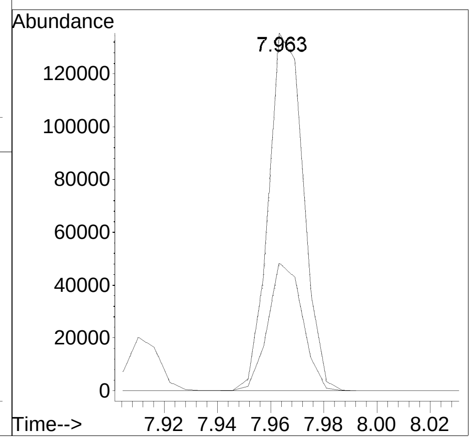


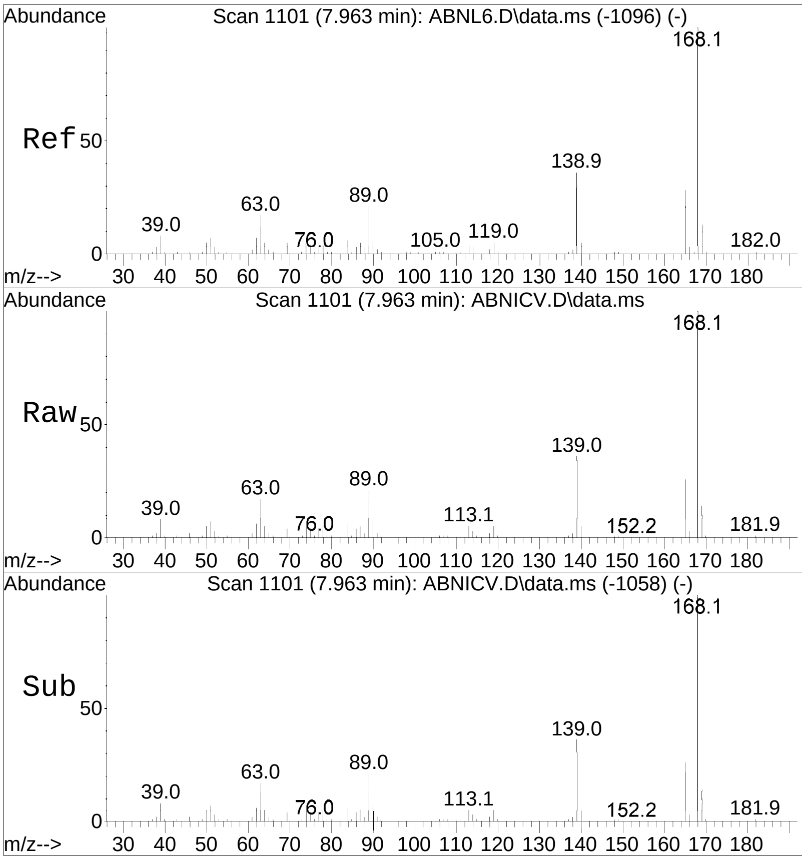


#67
Dibenzofuran
Concen: 5.22 ug/ml
RT: 7.963 min Scan# 1101
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:168 Resp: 123279

Ion	Ratio	Lower	Upper
168	100		
139	35.5	32.3	48.5

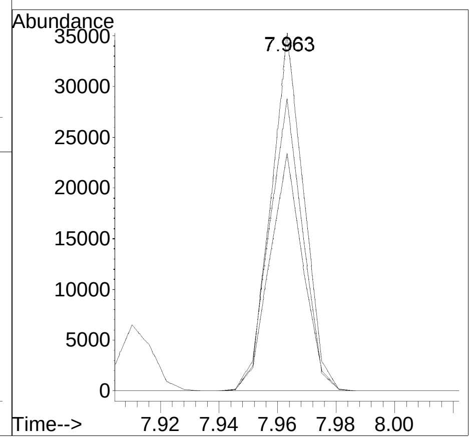


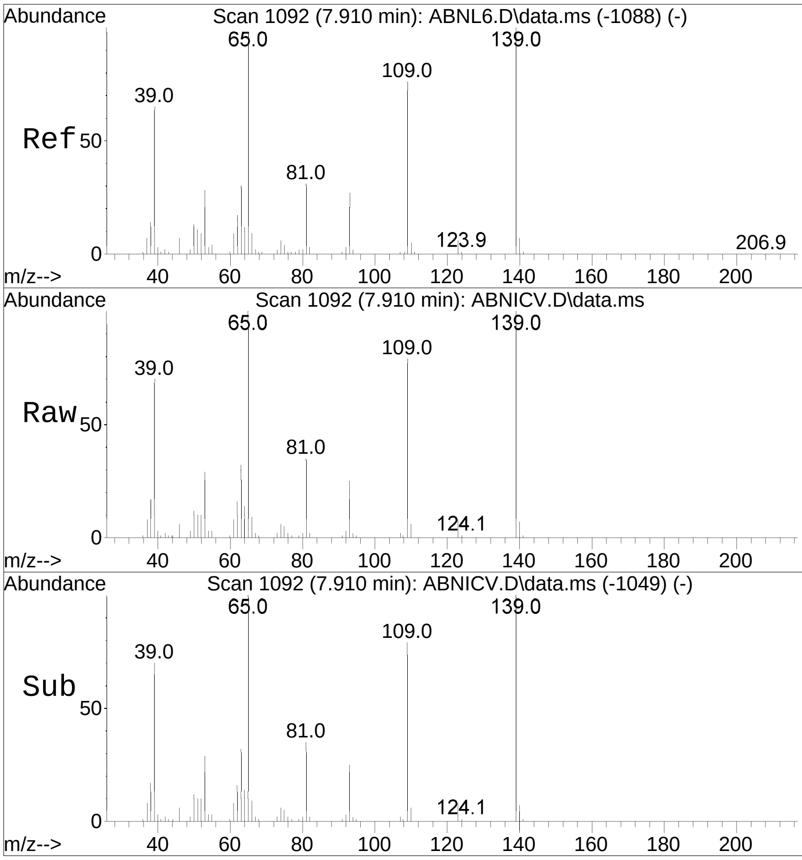


#68
2,4-Dinitrotoluene
Concen: 5.31 ug/ml
RT: 7.963 min Scan# 1101
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:165 Resp: 27306

Ion	Ratio	Lower	Upper
165	100		
89	83.3	73.0	109.4
63	67.8	56.3	84.5

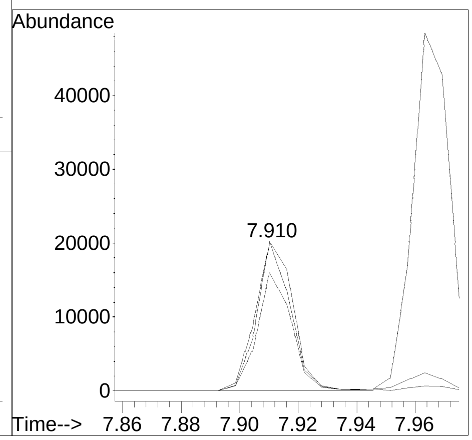


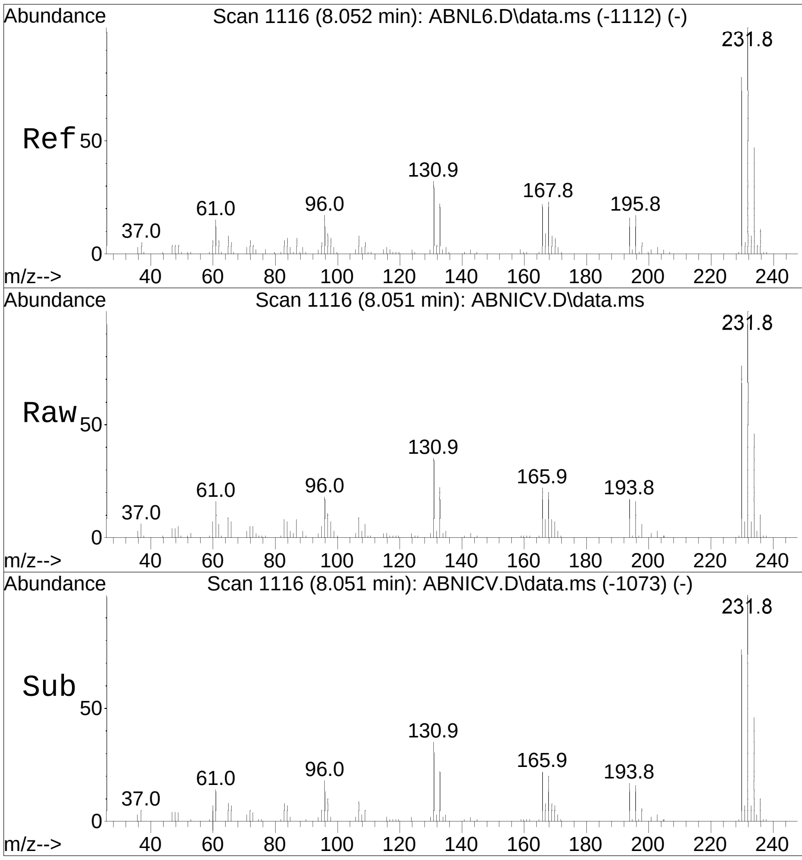


#69
4-Nitrophenol
Concen: 5.71 ug/ml
RT: 7.910 min Scan# 1092
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 65 Resp: 16760

Ion	Ratio	Lower	Upper
65	100		
109	77.9	60.2	90.2
139	102.5	81.1	121.7

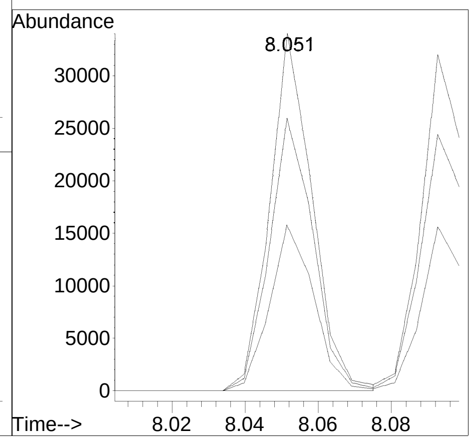


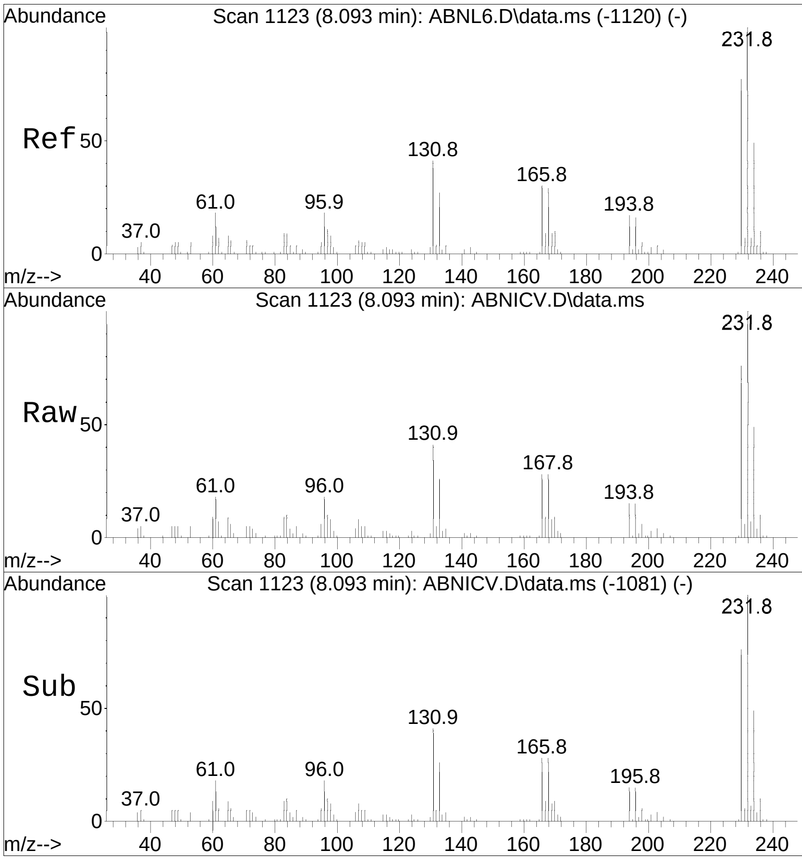


#70
2,3,5,6-Tetrachlorophenol
Concen: 5.45 ug/ml
RT: 8.051 min Scan# 1116
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:232 Resp: 27378

Ion	Ratio	Lower	Upper
232	100		
230	79.0	63.8	95.8
234	48.4	38.3	57.5

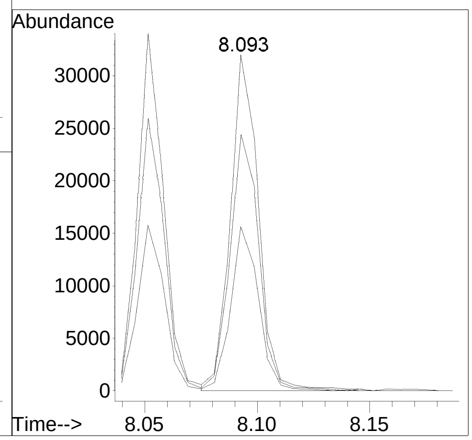


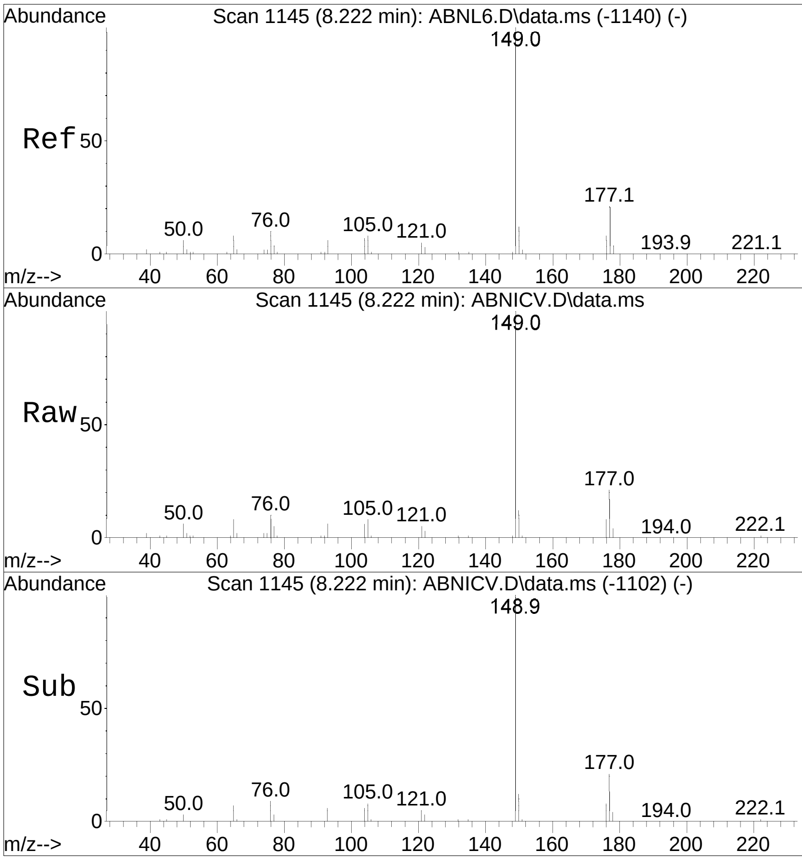


#71
2,3,4,6-Tetrachlorophenol
Concen: 5.42 ug/ml
RT: 8.093 min Scan# 1123
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:232 Resp: 27757

Ion	Ratio	Lower	Upper
232	100		
230	78.6	63.8	95.8
234	48.8	39.0	58.6

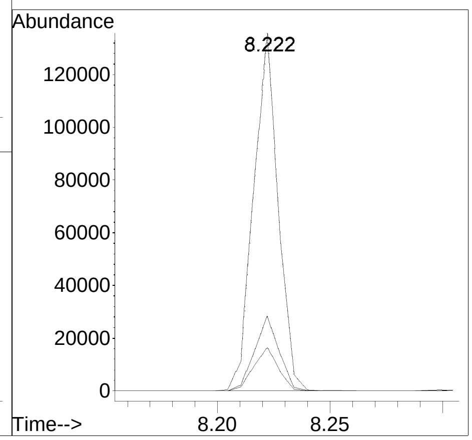


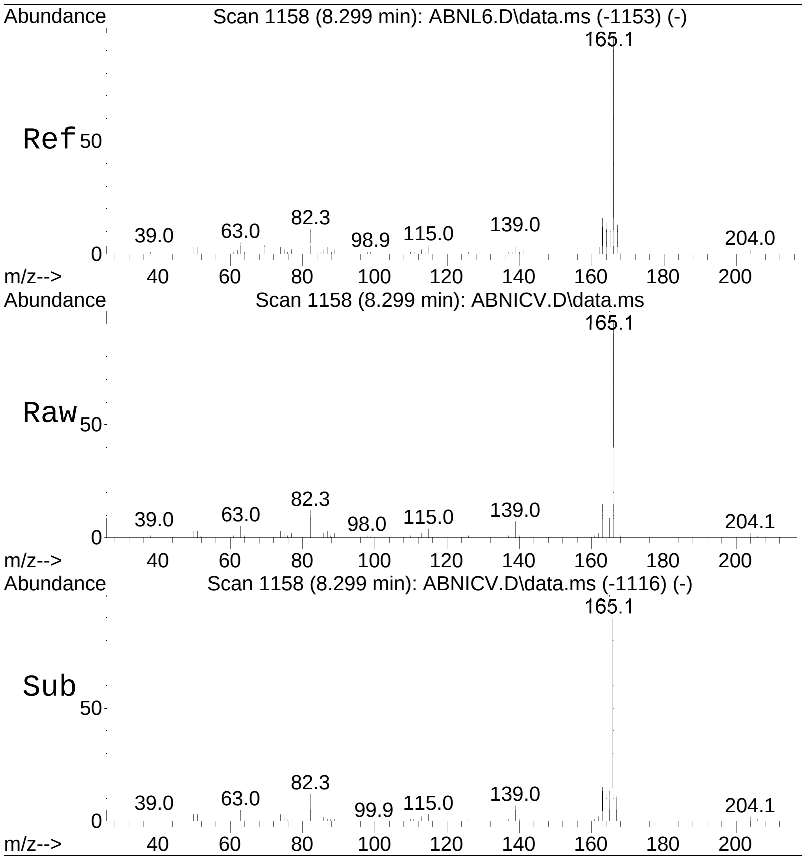


#72
Diethyl phthalate
Concen: 5.32 ug/ml
RT: 8.222 min Scan# 1145
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:149 Resp: 101920

Ion	Ratio	Lower	Upper
149	100		
177	20.9	15.0	22.6
150	12.2	9.8	14.6

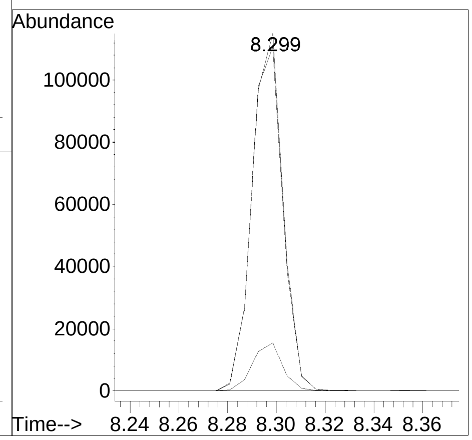


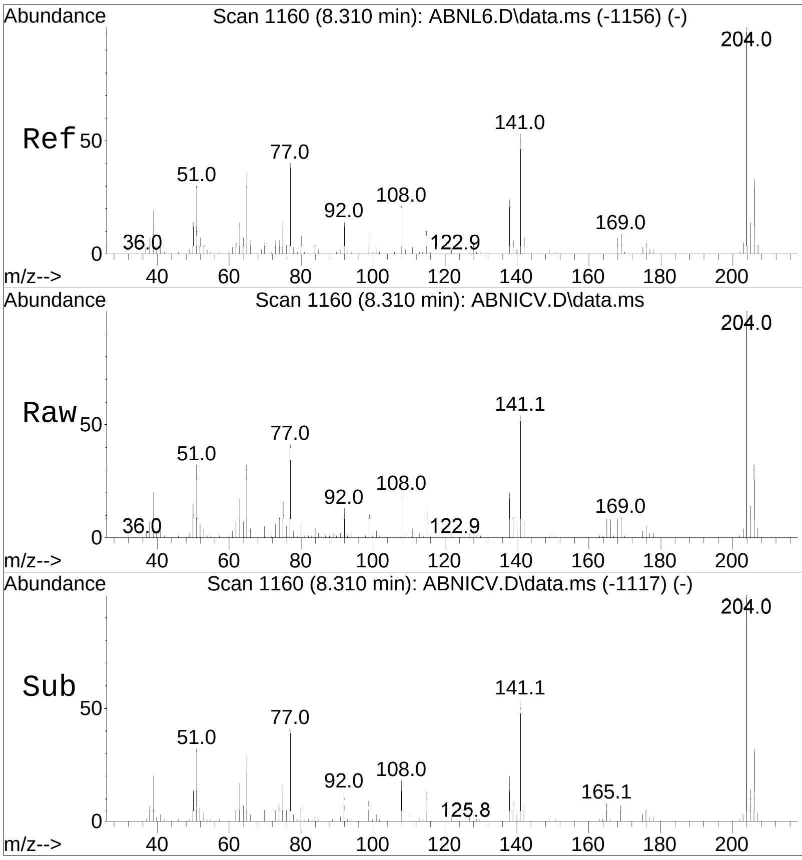


#73
Fluorene
Concen: 5.33 ug/ml
RT: 8.299 min Scan# 1158
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:166 Resp: 98989

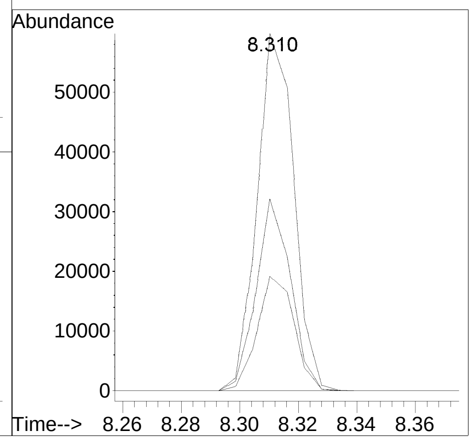
Ion	Ratio	Lower	Upper
166	100		
165	101.8	80.0	120.0
167	13.4	10.7	16.1

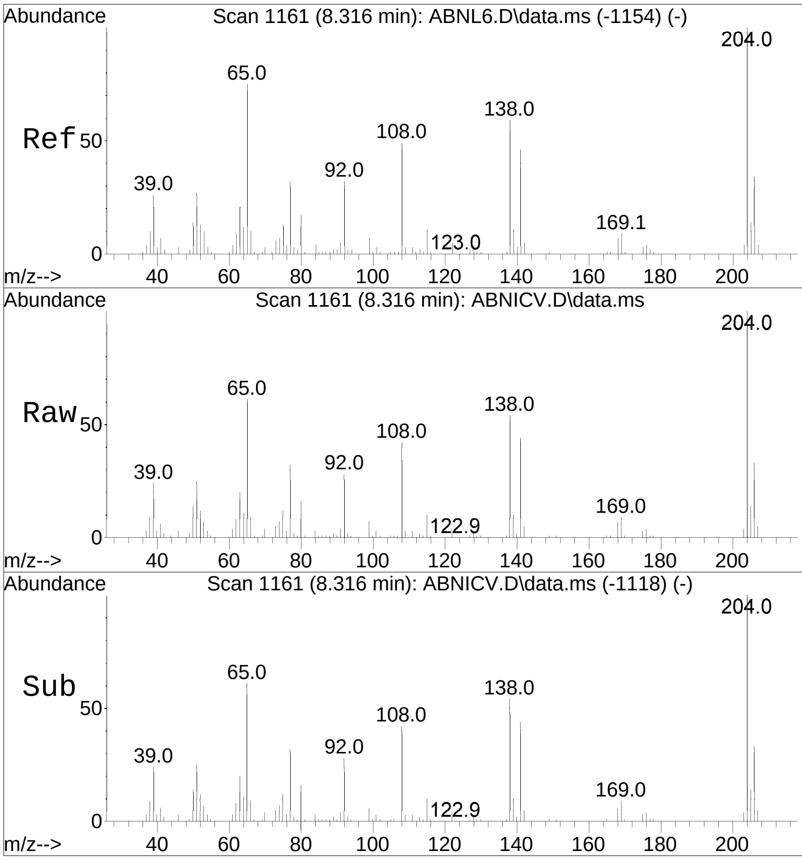





```
#74
4-Chlorophenyl phenyl ether
Concen:    5.31 ug/ml
RT:   8.310 min  Scan# 1160
Delta R.T.  0.000 min
Lab File:   ABNICV.D
Acq: 13 Mar 2025  08:37 pm

Tgt Ion:204 Resp:   51938
Ion  Ratio  Lower  Upper
204  100
206   32.3   26.3   39.5
141   50.7   58.4   87.6#
```

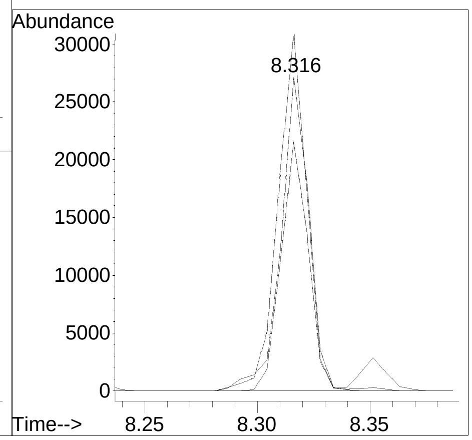


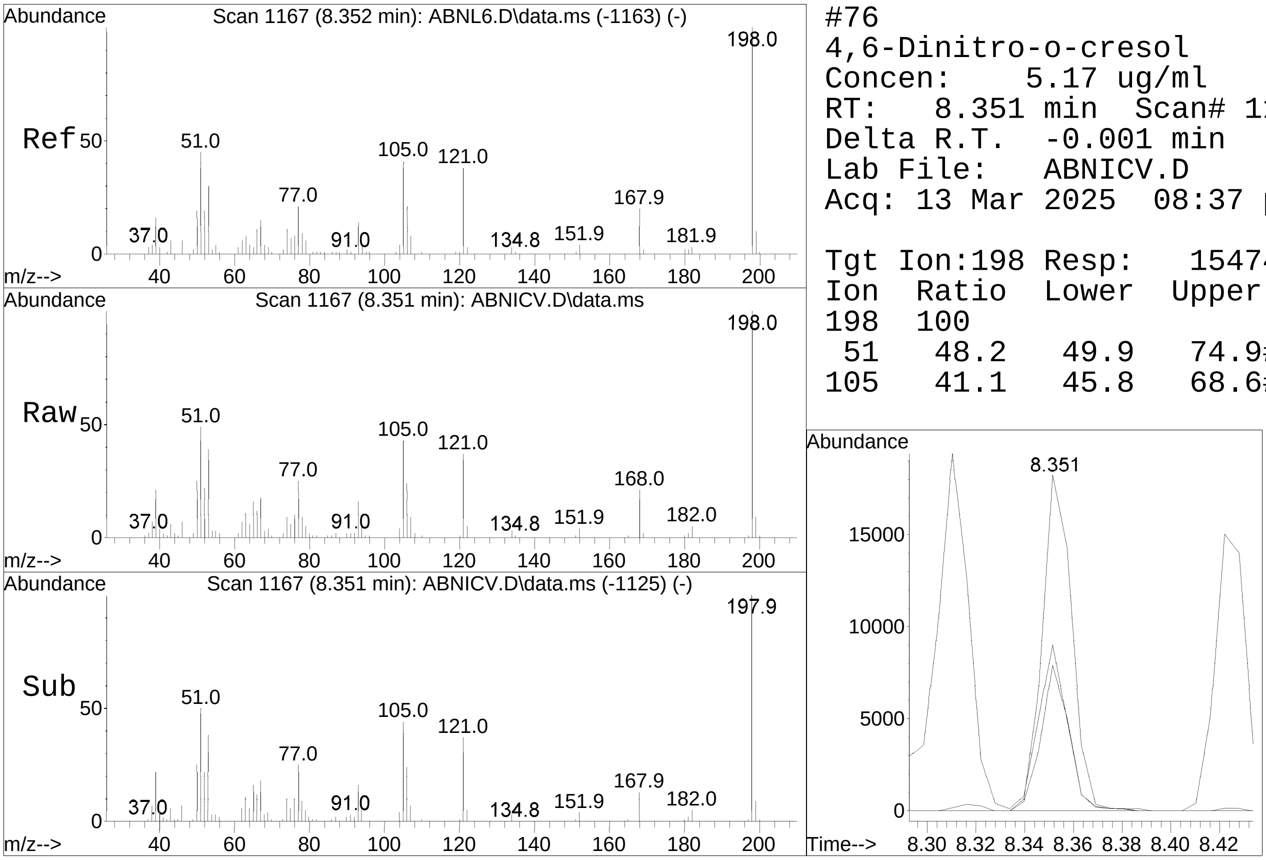


#75
4-Nitroaniline
Concen: 5.69 ug/ml
RT: 8.316 min Scan# 1161
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:138 Resp: 23424

Ion	Ratio	Lower	Upper
138	100		
108	77.2	59.2	88.8
65	116.3	97.6	146.4

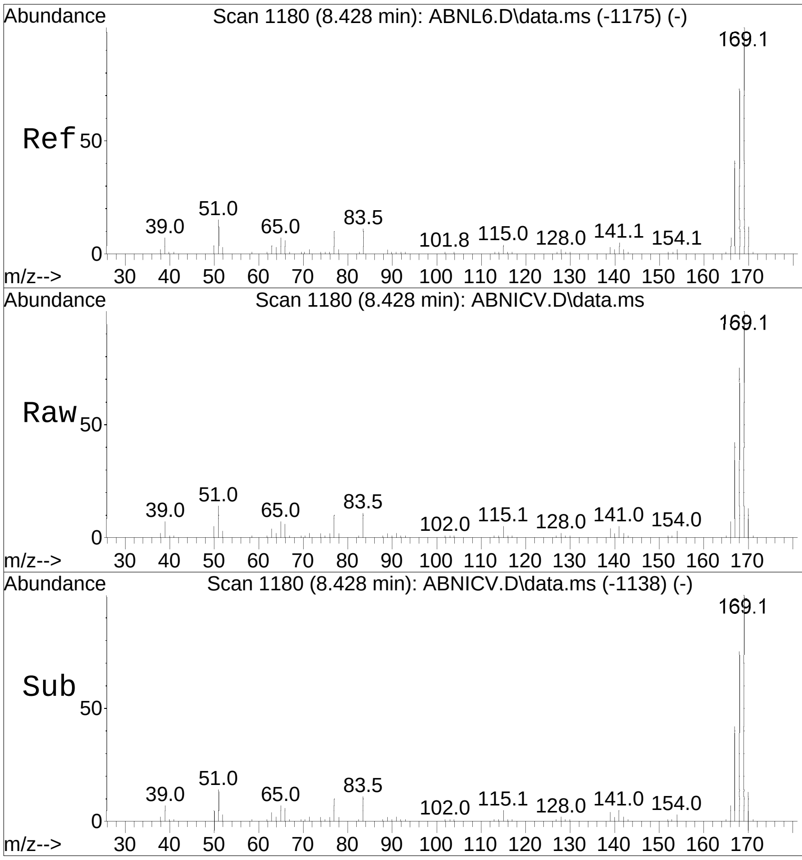




#76
4,6-Dinitro-o-cresol
Concen: 5.17 ug/ml
RT: 8.351 min Scan# 1167
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:198 Resp: 15474

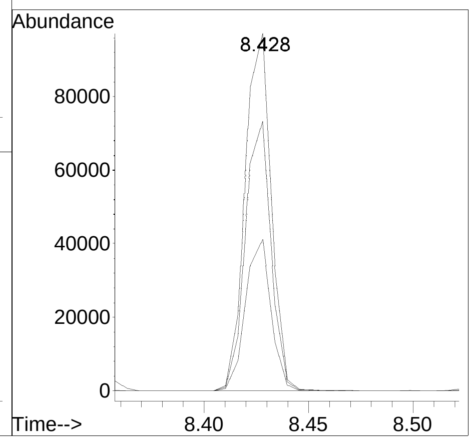
Ion	Ratio	Lower	Upper
198	100		
51	48.2	49.9	74.9#
105	41.1	45.8	68.6#

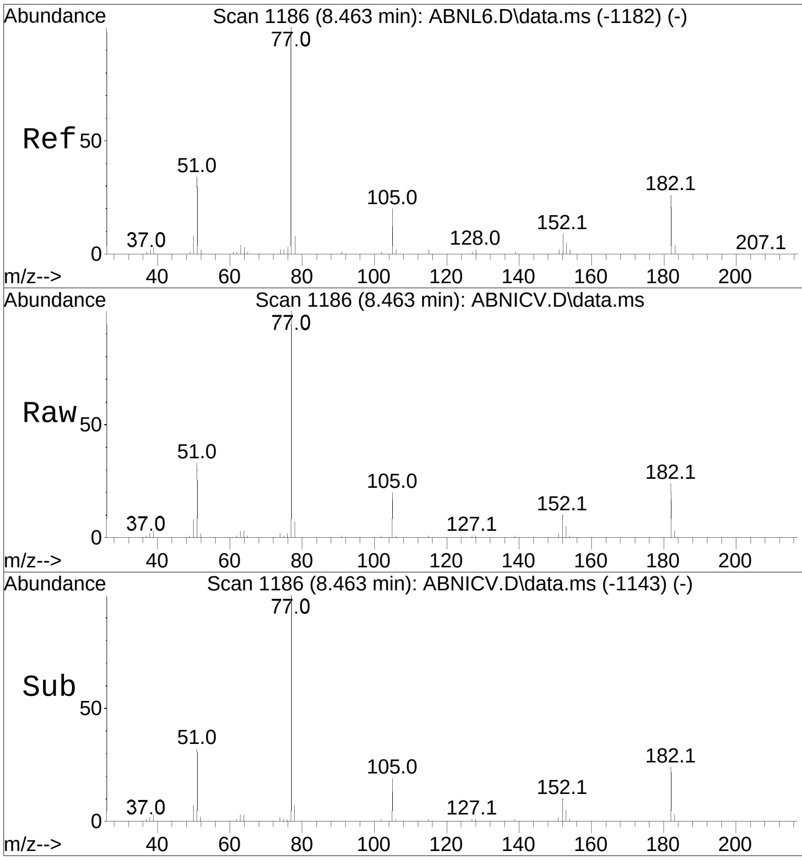


#77
NDPA/DPA
Concen: 5.54 ug/ml
RT: 8.428 min Scan# 1180
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:169 Resp: 84535

Ion	Ratio	Lower	Upper
169	100		
168	74.2	55.2	82.8
167	41.5	30.4	45.6

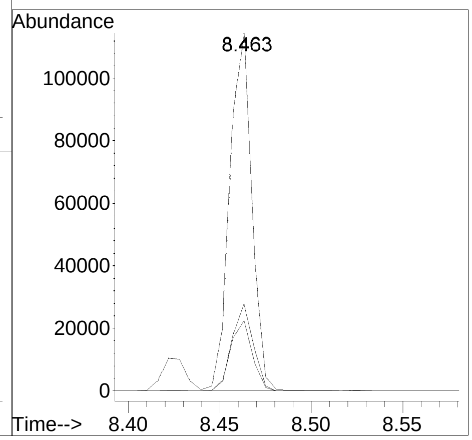


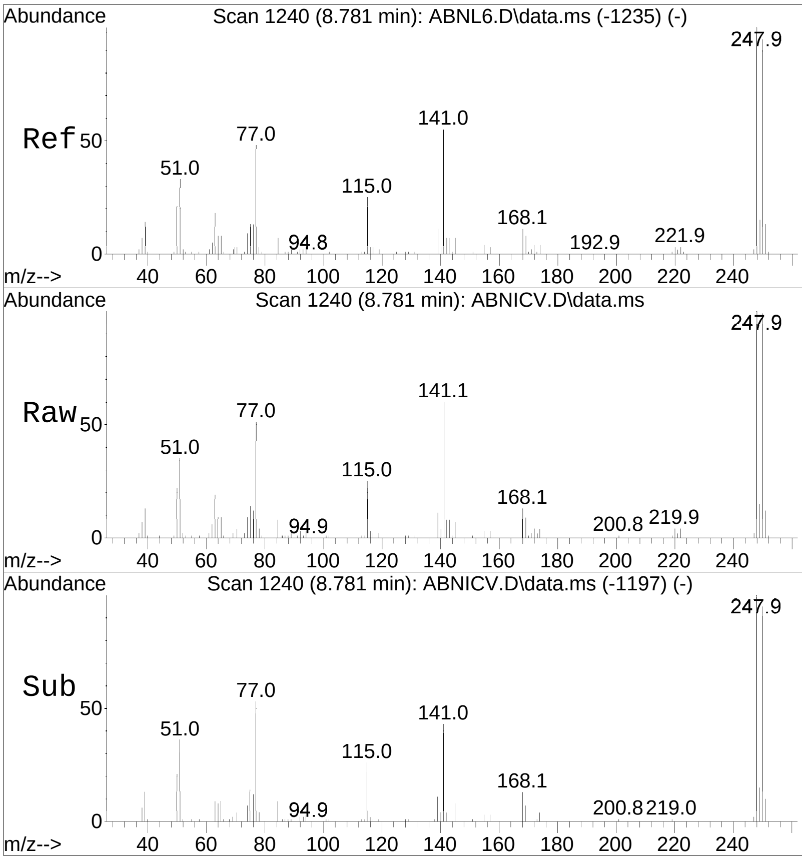


#78
Azobenzene
Concen: 5.59 ug/ml
RT: 8.463 min Scan# 1186
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion: 77 Resp: 95798

Ion	Ratio	Lower	Upper
77	100		
182	23.4	16.2	24.2
105	19.4	17.9	26.9

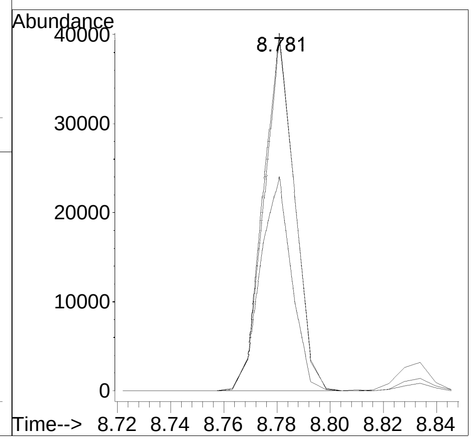


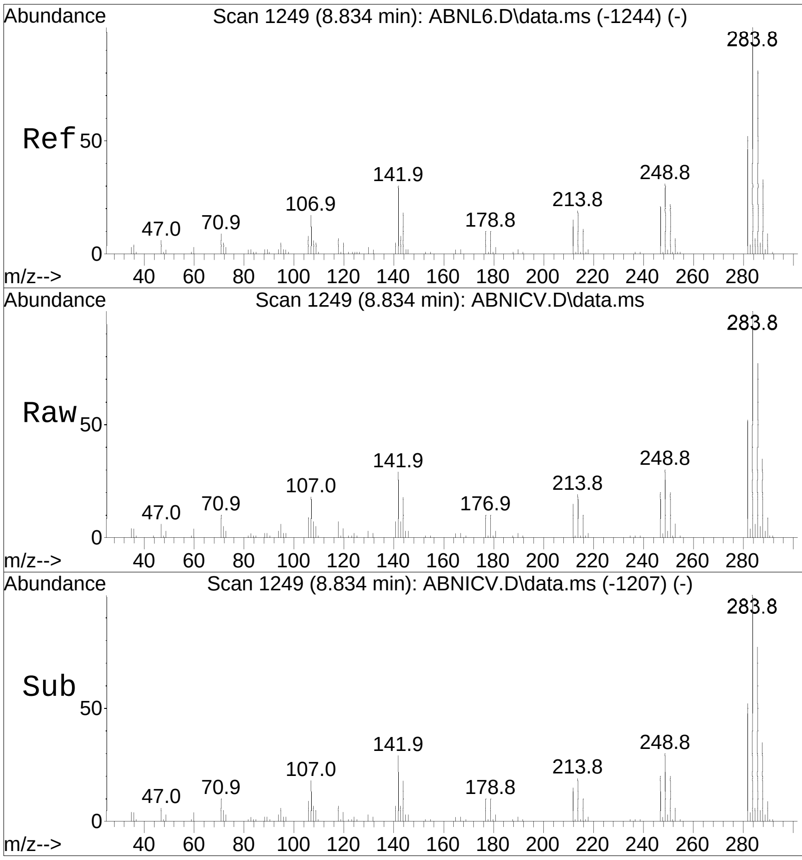


#80
4-Bromophenyl phenyl ether
Concen: 5.10 ug/ml
RT: 8.781 min Scan# 1240
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:248 Resp: 32515

Ion	Ratio	Lower	Upper
248	100		
141	60.4	74.6	111.8#
250	97.2	76.9	115.3

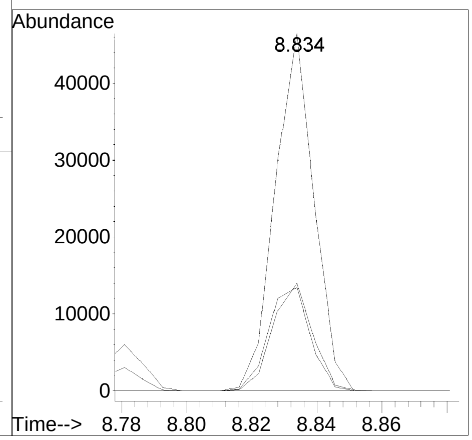


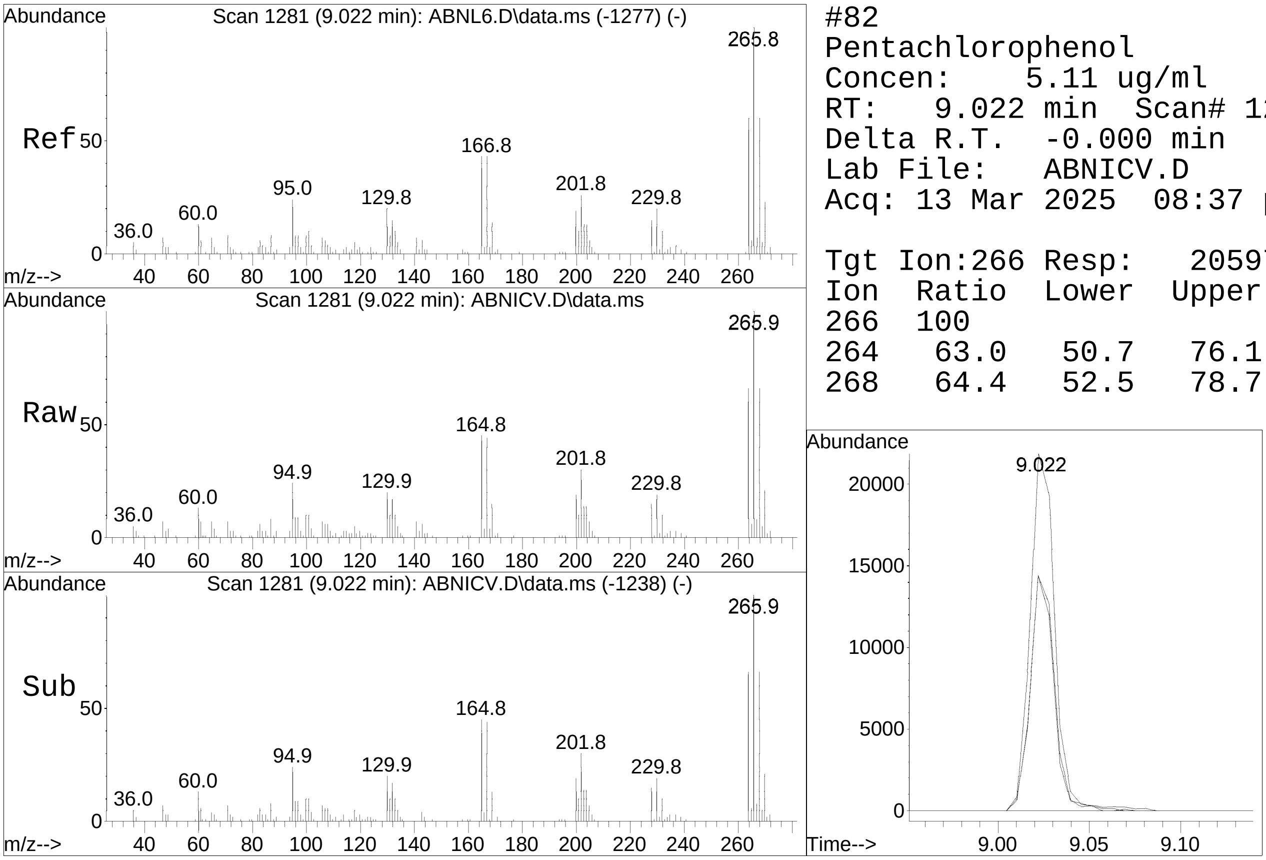


#81
Hexachlorobenzene
Concen: 5.13 ug/ml
RT: 8.834 min Scan# 1249
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:284 Resp: 38488

Ion	Ratio	Lower	Upper
284	100		
142	31.4	37.6	56.4#
249	31.1	25.4	38.2

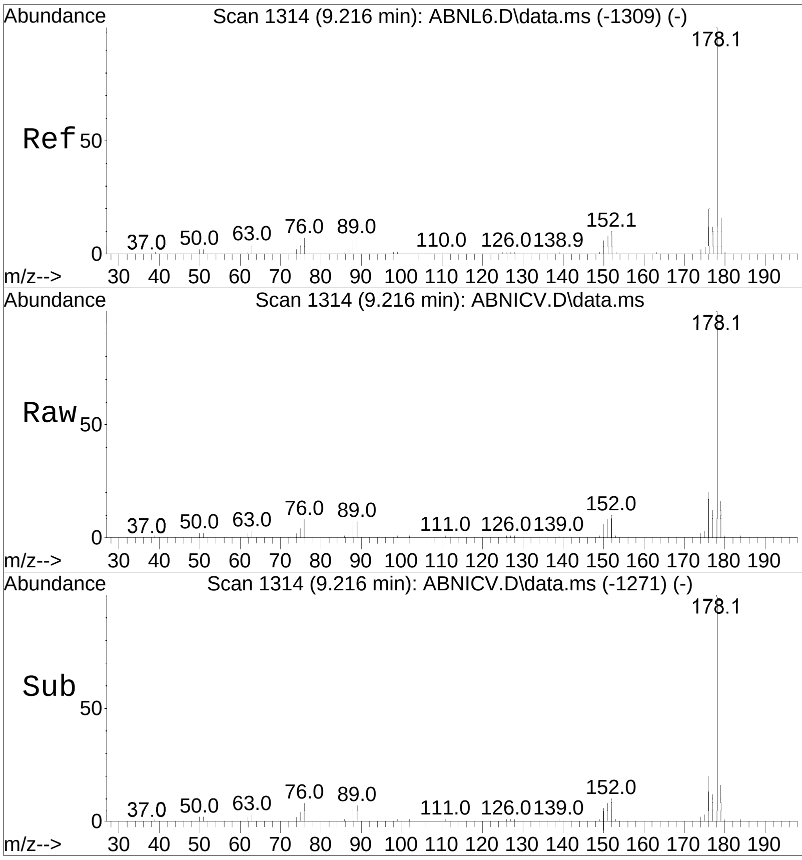




#82
Pentachlorophenol
Concen: 5.11 ug/ml
RT: 9.022 min Scan# 1281
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:266 Resp: 20597

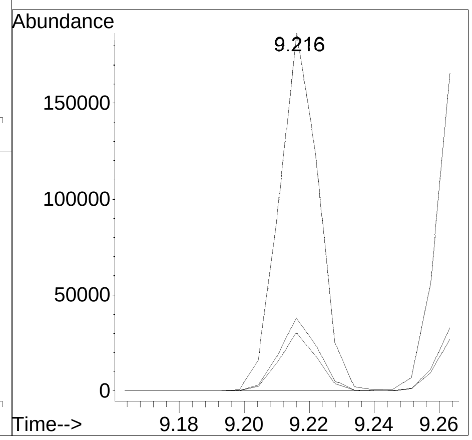
Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.7	76.1
268	64.4	52.5	78.7

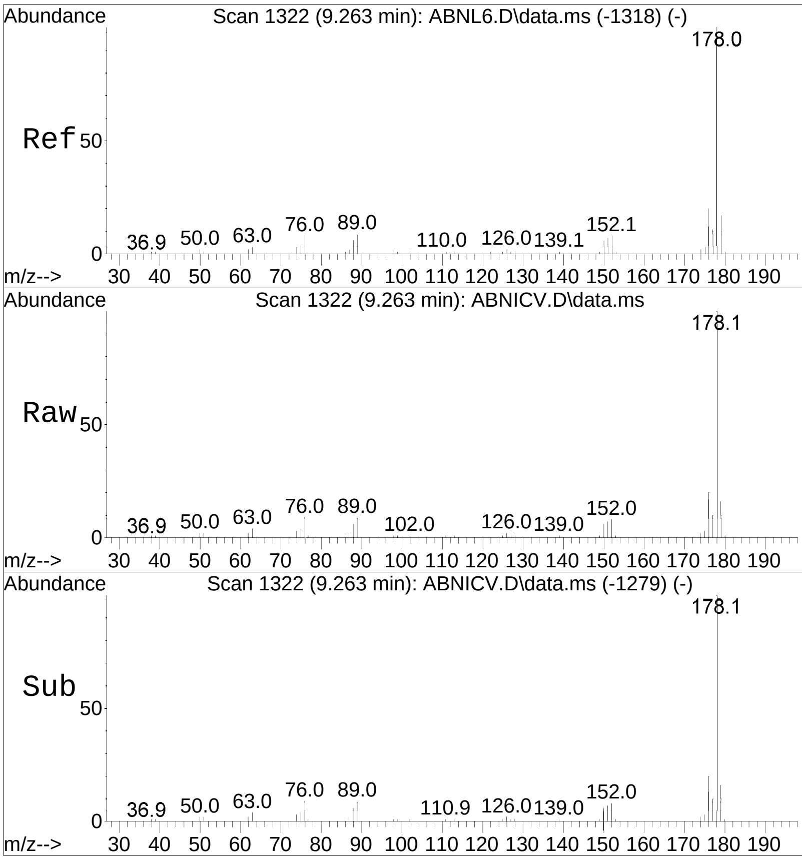


#89
Phenanthrene
Concen: 5.17 ug/ml
RT: 9.216 min Scan# 1314
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:178 Resp: 157458

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	20.0	15.4	23.2

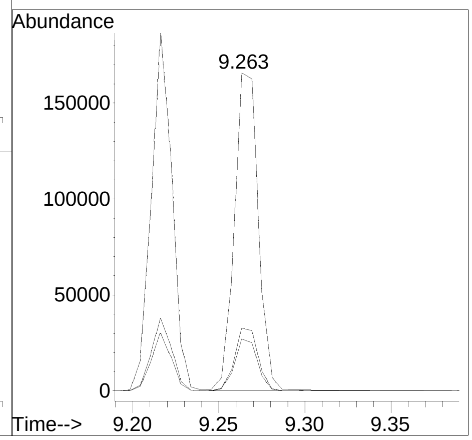


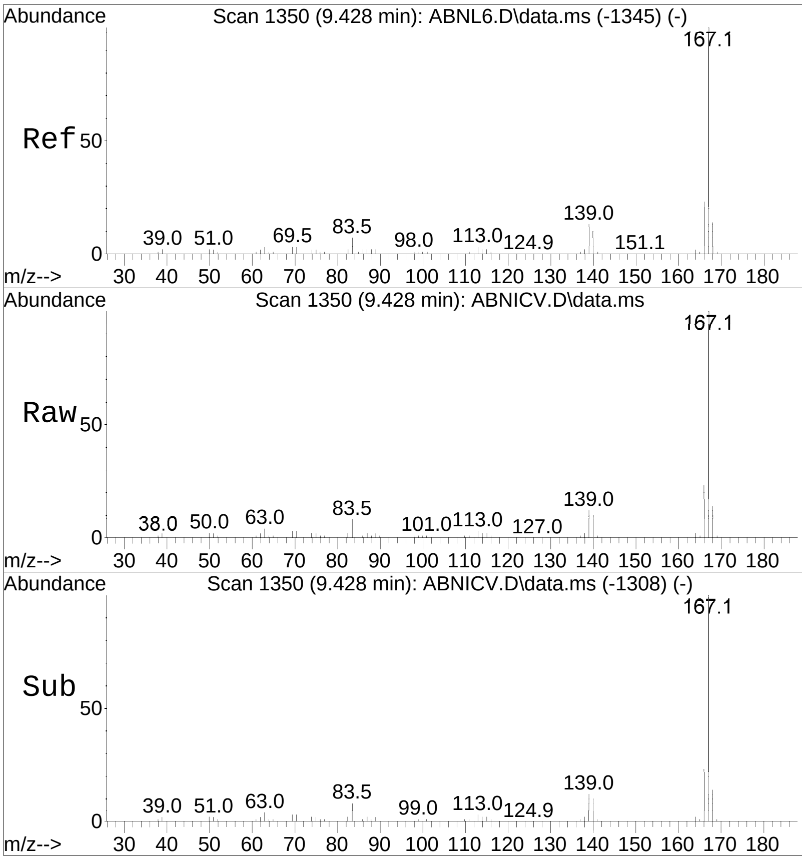


#90
Anthracene
Concen: 5.47 ug/ml
RT: 9.263 min Scan# 1322
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:178 Resp: 160030

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	19.6	15.1	22.7

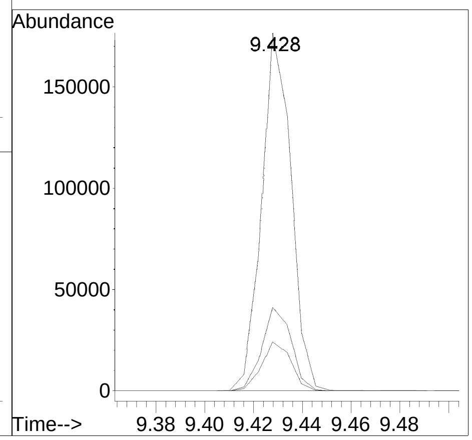


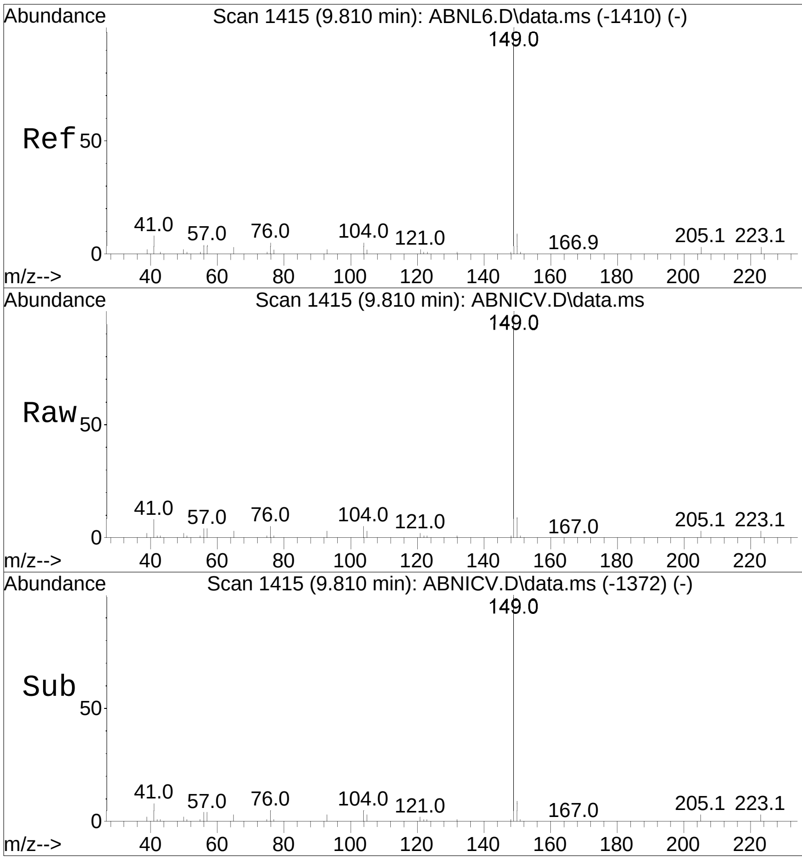


#91
Carbazole
Concen: 5.43 ug/ml
RT: 9.428 min Scan# 1350
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:167 Resp: 147631

Ion	Ratio	Lower	Upper
167	100		
168	13.7	10.8	16.2
166	23.3	17.7	26.5

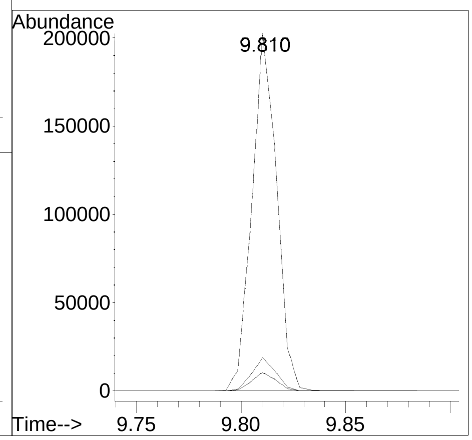


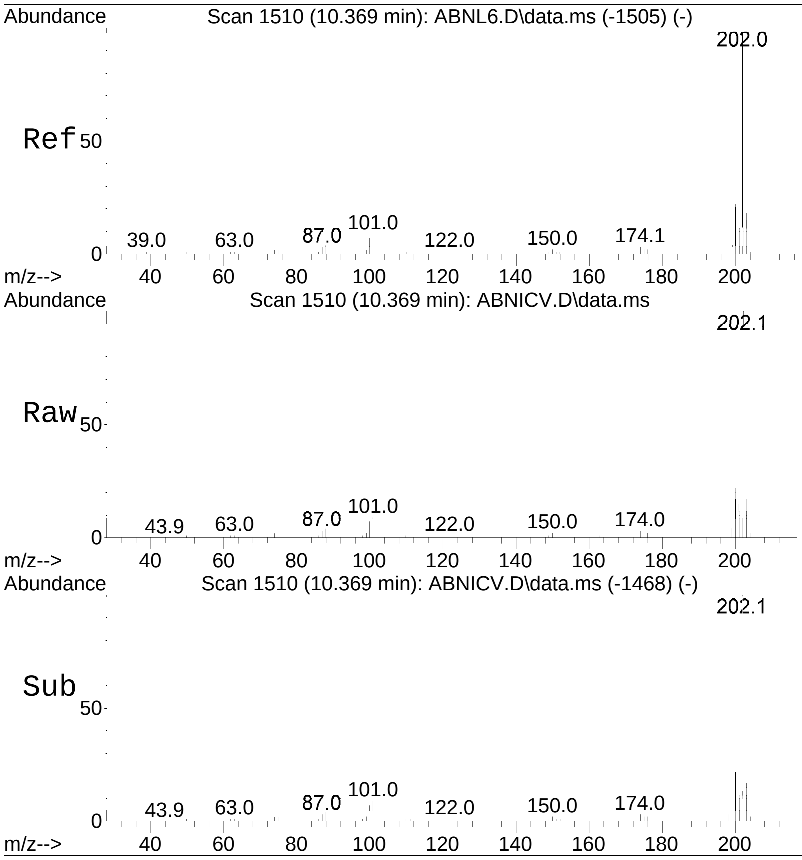


#92
Di-n-butylphthalate
Concen: 5.42 ug/ml
RT: 9.810 min Scan# 1415
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:149 Resp: 165192

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.2	4.0	6.0

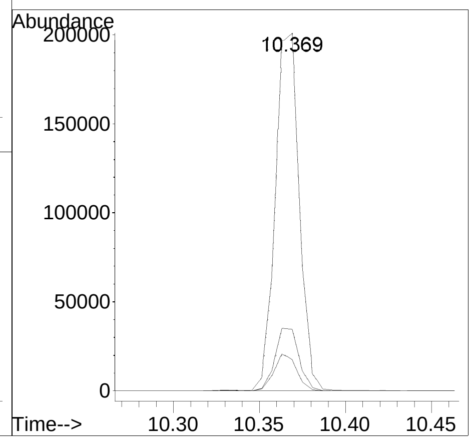


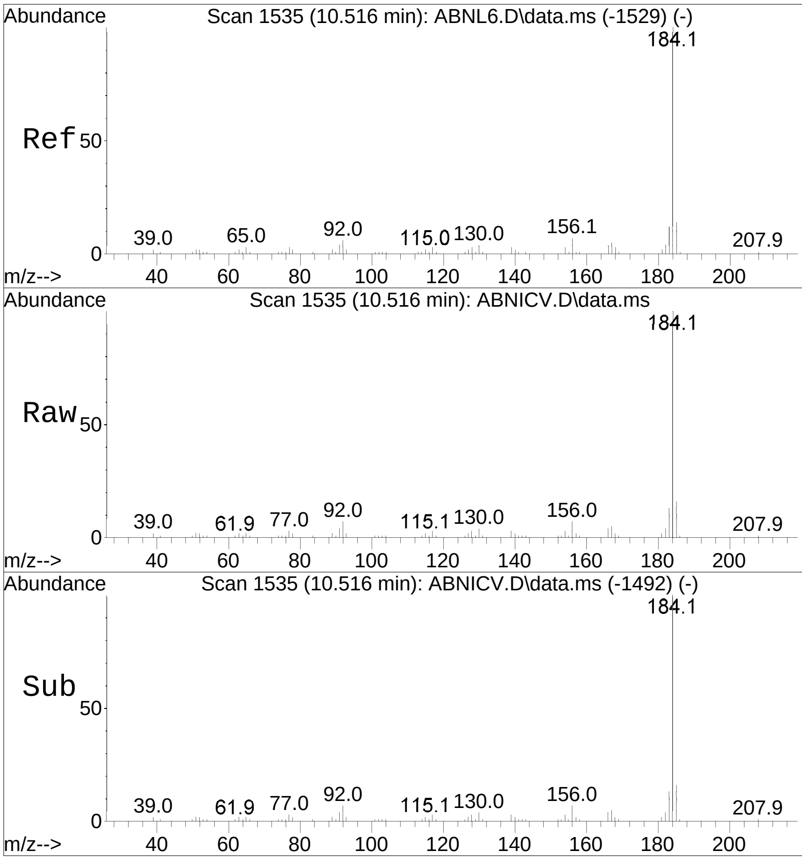


#93
Fluoranthene
Concen: 5.44 ug/ml M3
RT: 10.369 min Scan# 1510
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:202 Resp: 194367

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.2	16.8
203	19.0	13.7	20.5

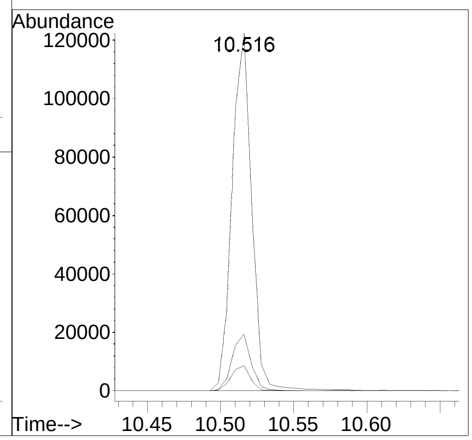


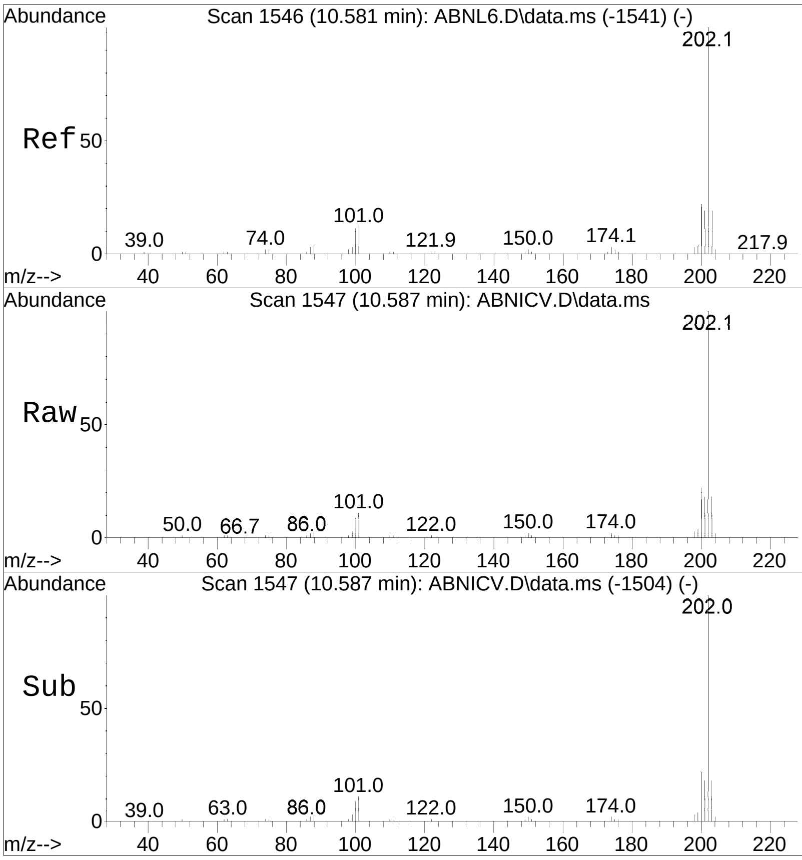


#94
Benzidine
Concen: 5.86 ug/ml
RT: 10.516 min Scan# 1535
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:184 Resp: 113354

Ion	Ratio	Lower	Upper
184	100		
92	6.9	7.3	10.9#
185	15.5	11.8	17.8

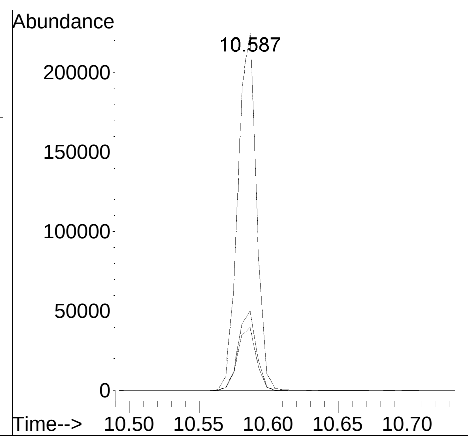


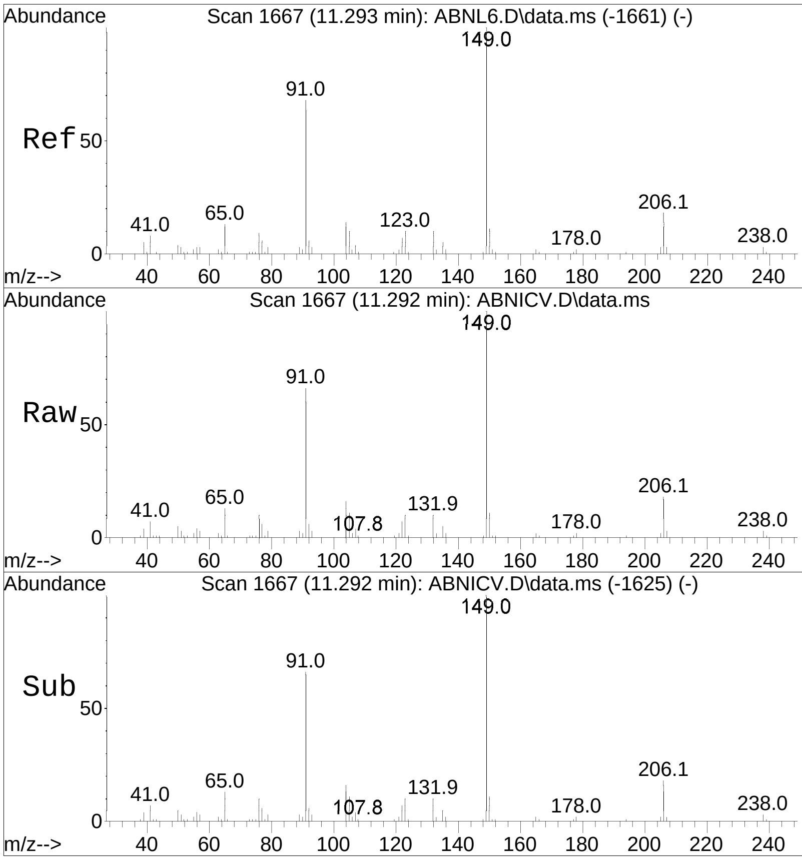


#95
Pyrene
Concen: 5.56 ug/ml
RT: 10.587 min Scan# 1547
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:202 Resp: 207481

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.9	14.3	21.5

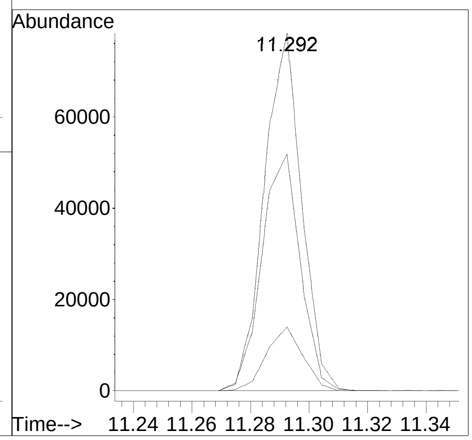


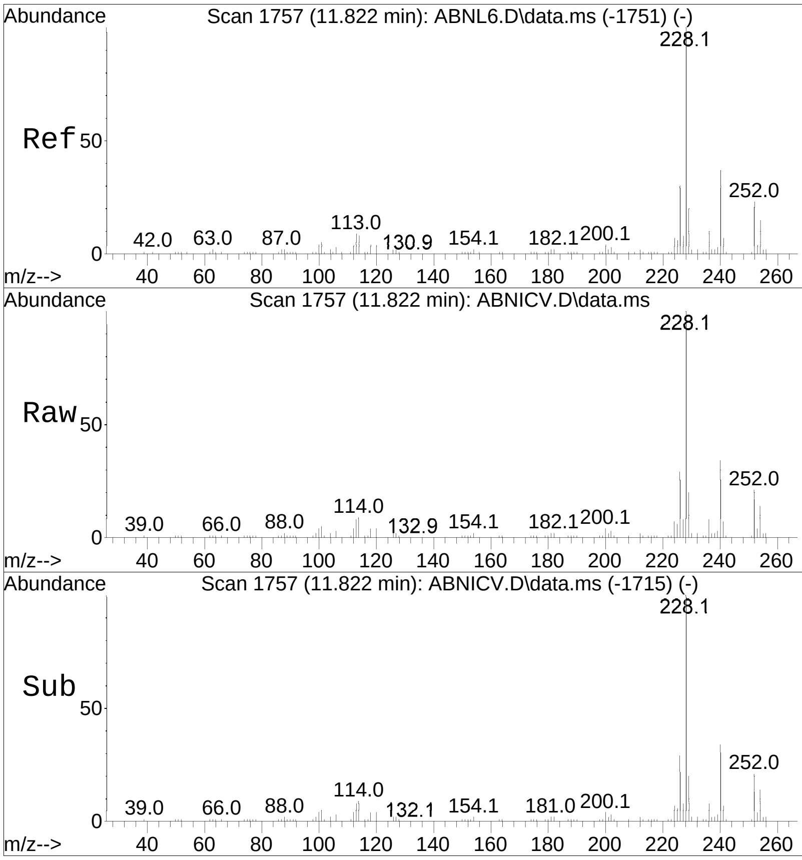


#97
Butyl benzyl phthalate
Concen: 5.21 ug/ml
RT: 11.292 min Scan# 1667
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:149 Resp: 69051

Ion	Ratio	Lower	Upper
149	100		
91	68.8	57.9	86.9
206	17.6	11.9	17.9

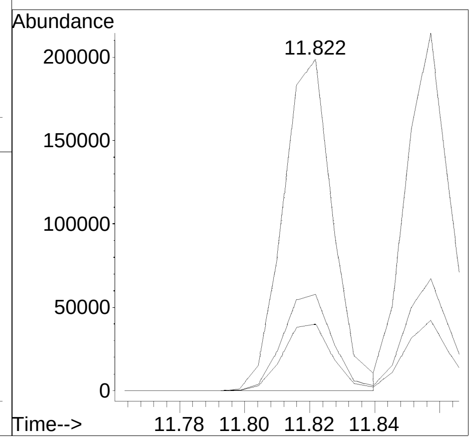


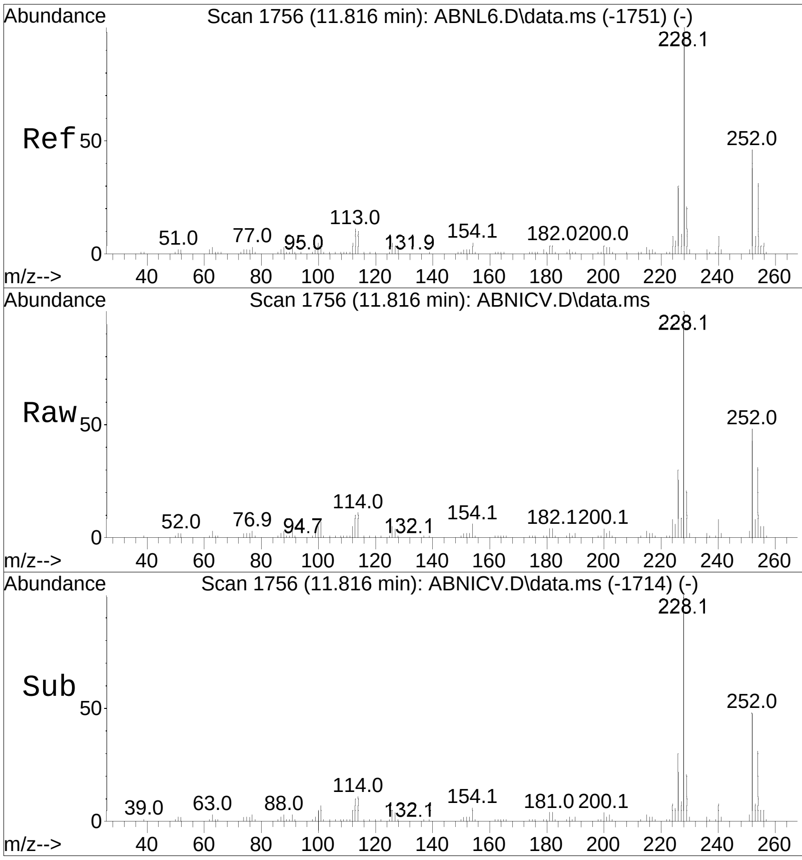


#105
Benzo(a)anthracene
Concen: 5.27 ug/ml
RT: 11.822 min Scan# 1757
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:228 Resp: 212930

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	20.3	15.8	23.6

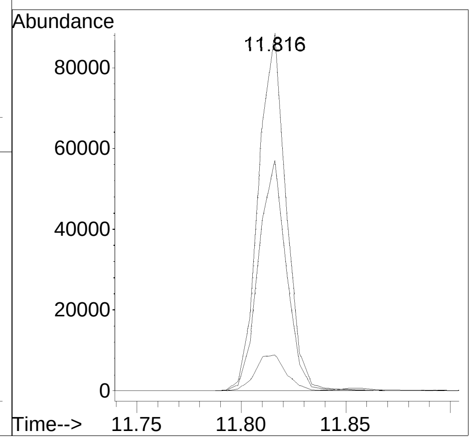


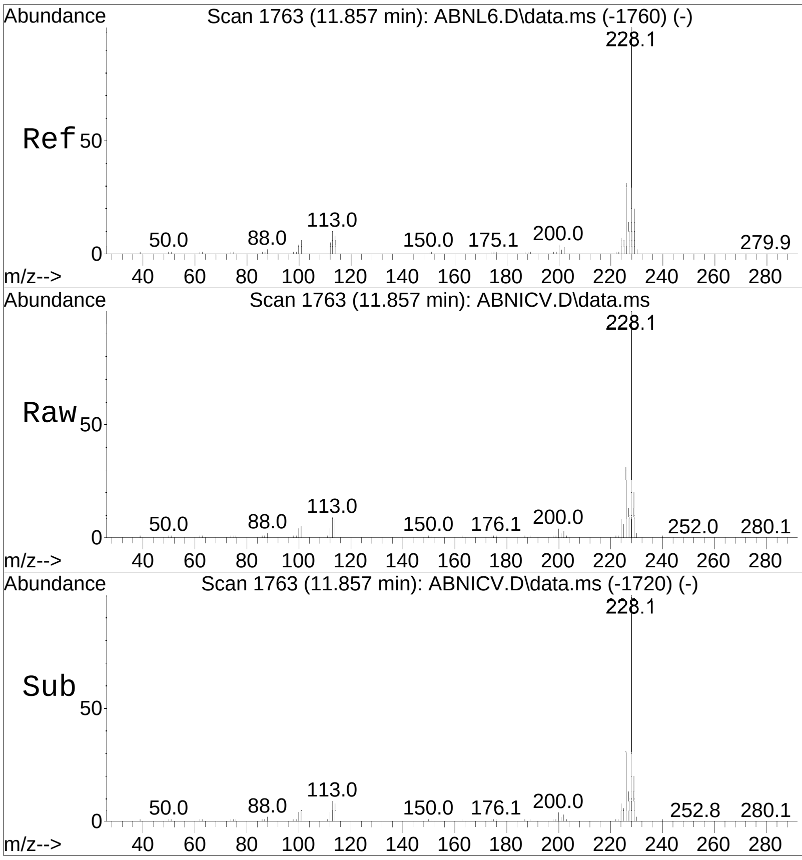


#106
3,3'-Dichlorobenzidine
Concen: 5.63 ug/ml
RT: 11.816 min Scan# 1756
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:252 Resp: 81522

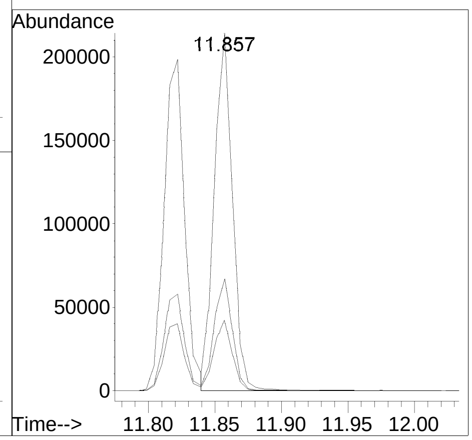
Ion	Ratio	Lower	Upper
252	100		
126	11.3	12.6	19.0#
254	65.1	51.1	76.7

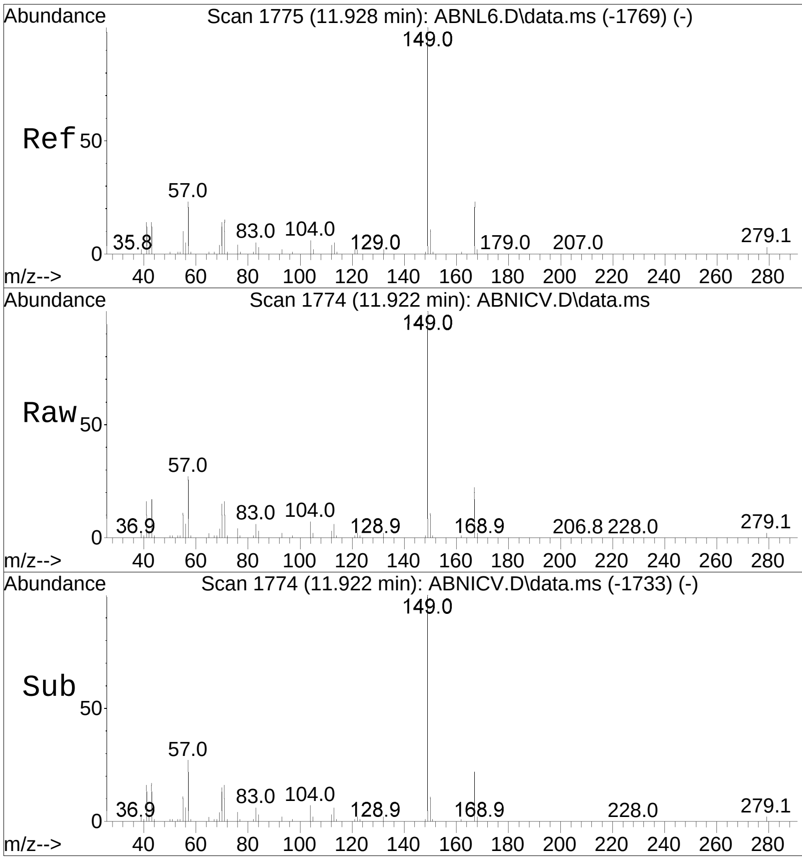





```
#107
Chrysene
Concen:    5.28 ug/ml
RT:  11.857 min  Scan# 1763
Delta R.T.  0.000 min
Lab File:   ABNICV.D
Acq: 13 Mar 2025  08:37 pm

Tgt Ion:228 Resp:  204134
Ion  Ratio  Lower  Upper
228  100
226   31.3   24.7   37.1
229   19.8   15.5   23.3
```

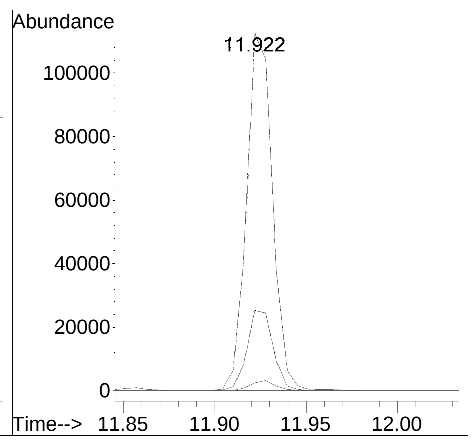


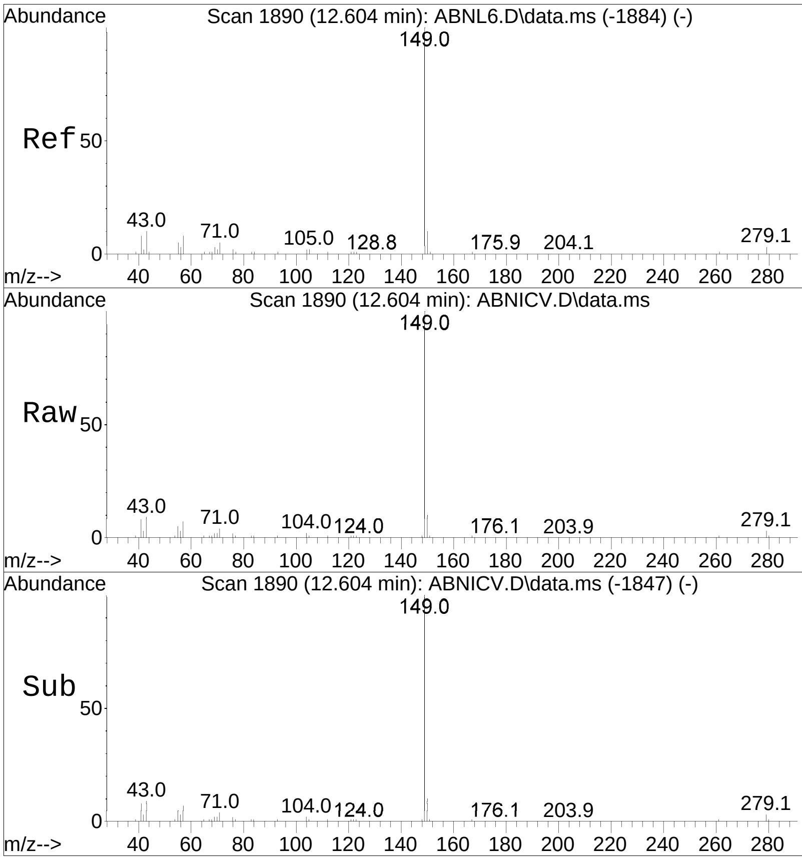


#108
Bis(2-ethylhexyl)phthalate
Concen: 5.46 ug/ml
RT: 11.922 min Scan# 1774
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:149 Resp: 110270

Ion	Ratio	Lower	Upper
149	100		
167	22.6	18.4	27.6
279	2.5	1.7	2.5

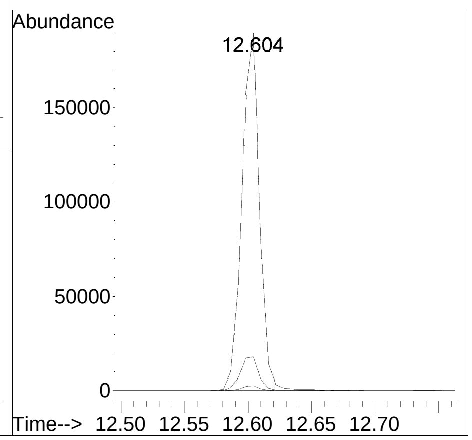


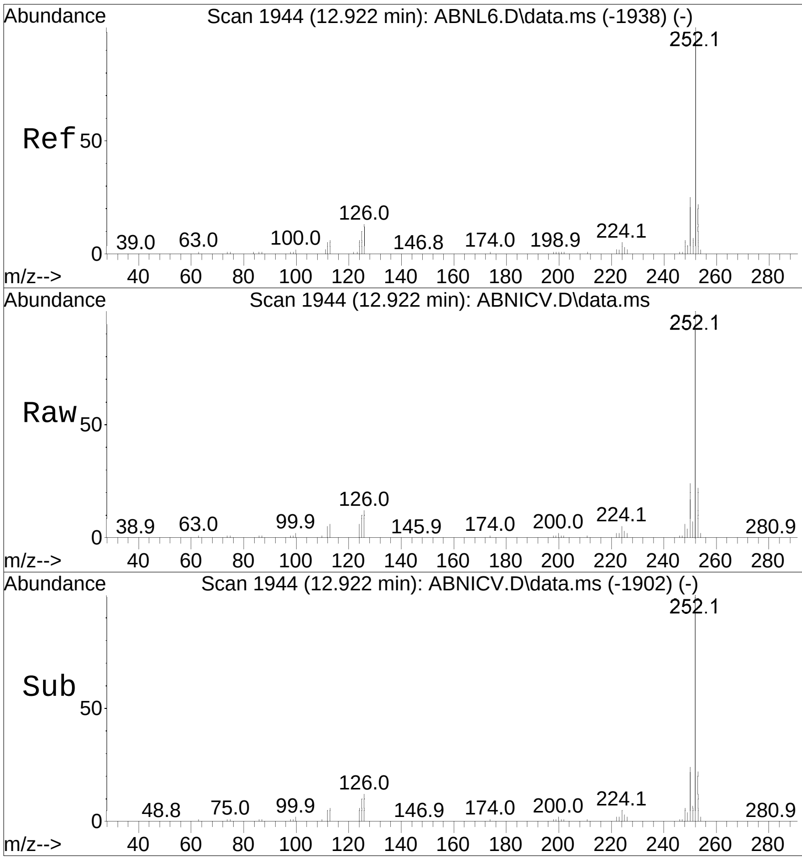


#109
Di-n-octylphthalate
Concen: 5.64 ug/ml
RT: 12.604 min Scan# 1890
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:149 Resp: 181634

Ion	Ratio	Lower	Upper
149	100		
43	10.2	8.2	12.2
167	1.3	1.1	1.7

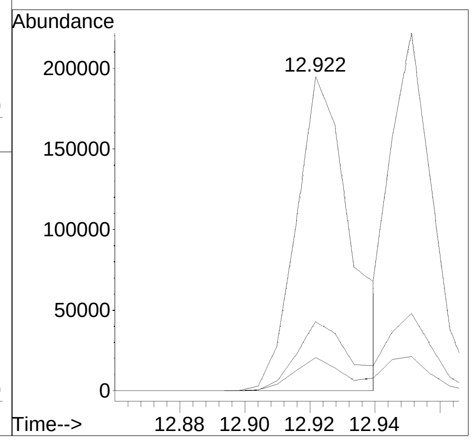


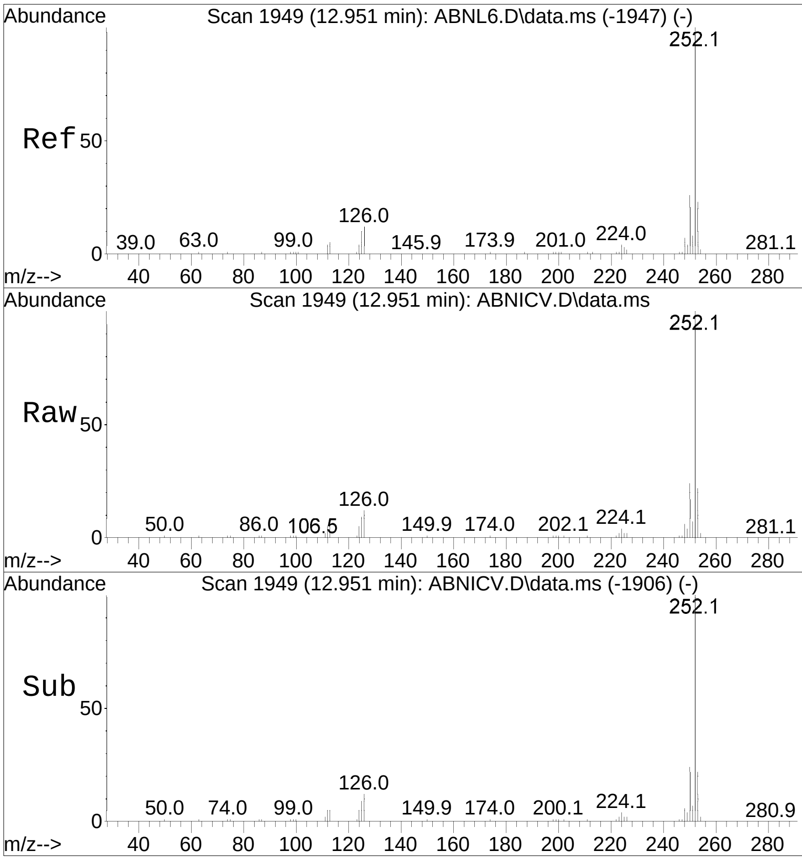


#110
Benzo(b)fluoranthene
Concen: 5.80 ug/ml
RT: 12.922 min Scan# 1944
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:252 Resp: 226032

Ion	Ratio	Lower	Upper
252	100		
125	9.2	11.3	16.9#
253	21.9	17.8	26.8

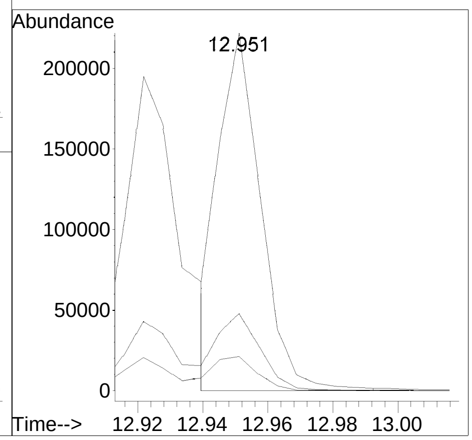


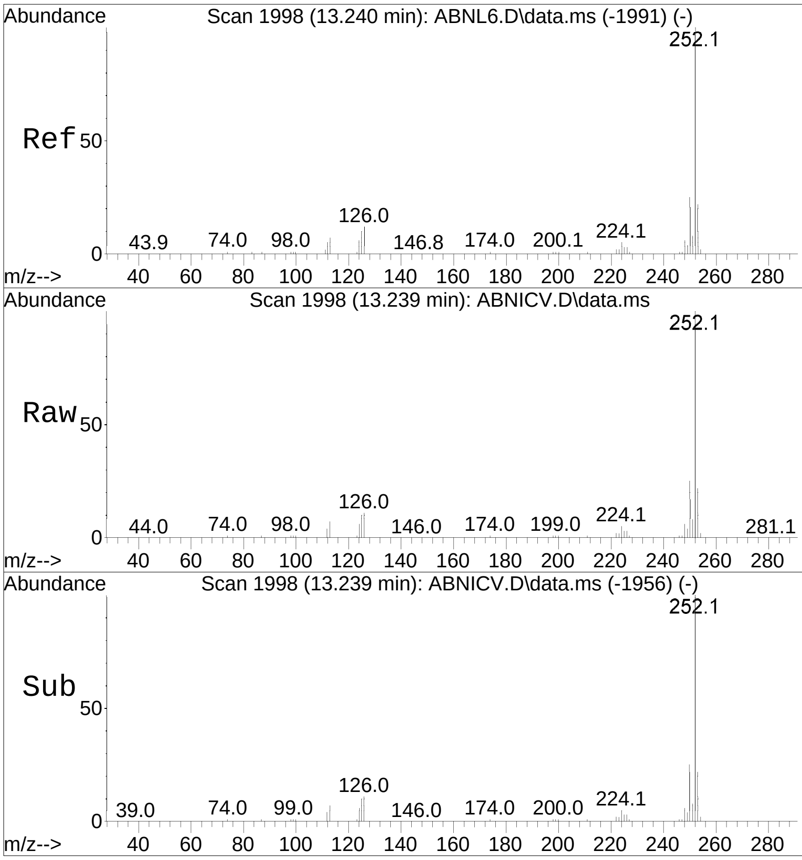


#111
Benzo(k)fluoranthene
Concen: 5.14 ug/ml M3
RT: 12.951 min Scan# 1949
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:252 Resp: 200232

Ion	Ratio	Lower	Upper
252	100		
125	10.3	11.5	17.3#
253	24.7	17.6	26.4

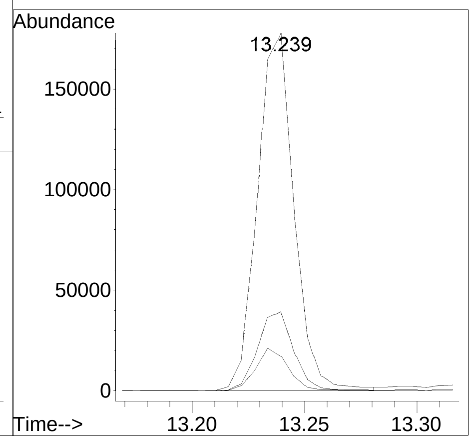


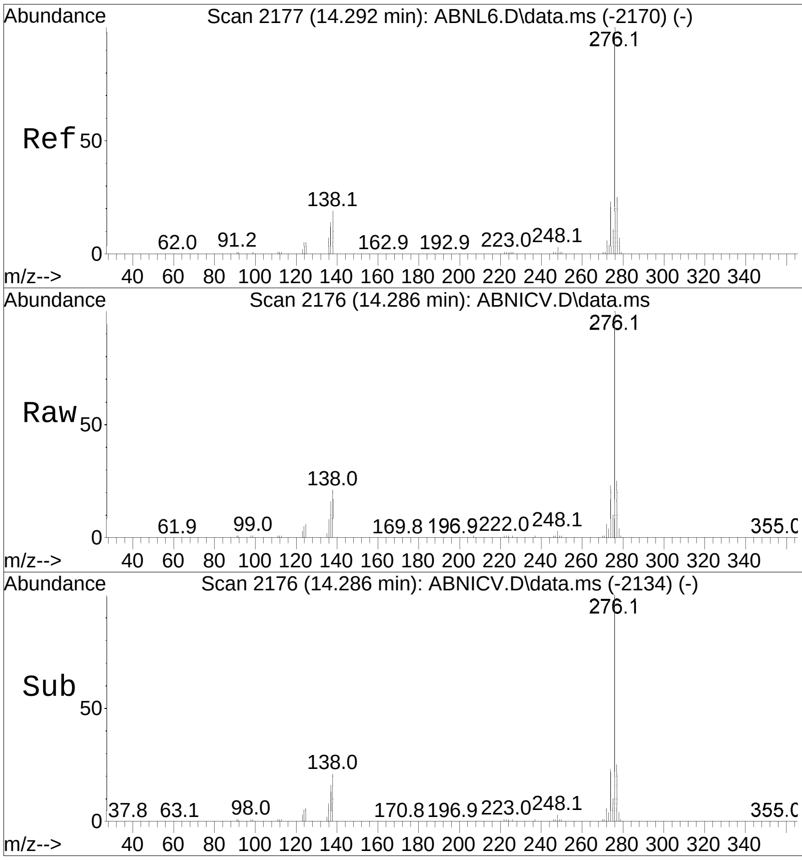


#112
Benzo(a)pyrene
Concen: 5.48 ug/ml
RT: 13.239 min Scan# 1998
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:252 Resp: 200403

Ion	Ratio	Lower	Upper
252	100		
125	11.0	12.6	18.8#
253	22.1	17.5	26.3

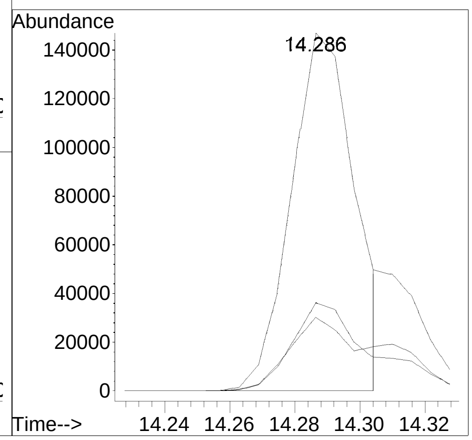


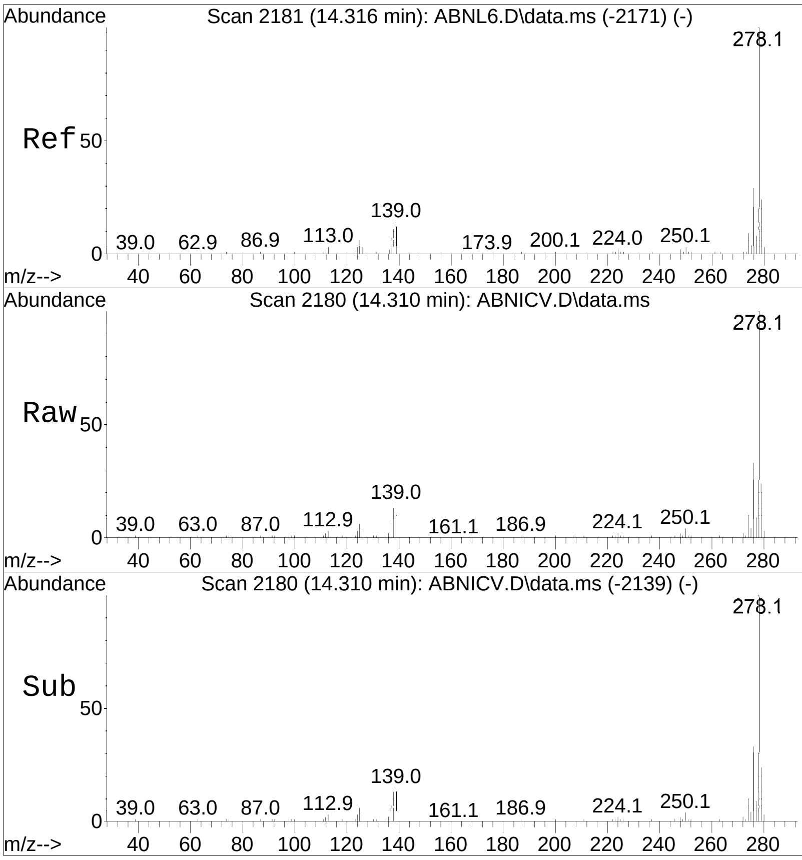


#114
Indeno(1,2,3-cd)pyrene
Concen: 5.22 ug/mL M6
RT: 14.286 min Scan# 2176
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:276 Resp: 200063

Ion	Ratio	Lower	Upper
276	100		
138	30.7	22.1	33.1
277	31.4	19.0	28.6#

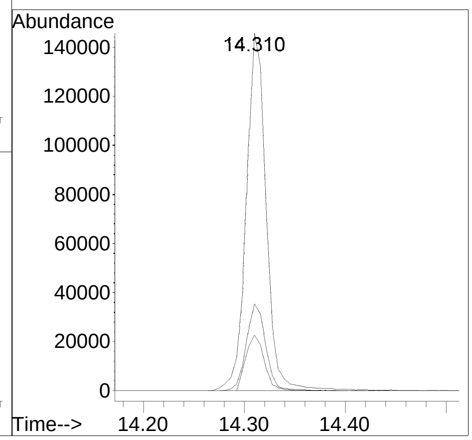


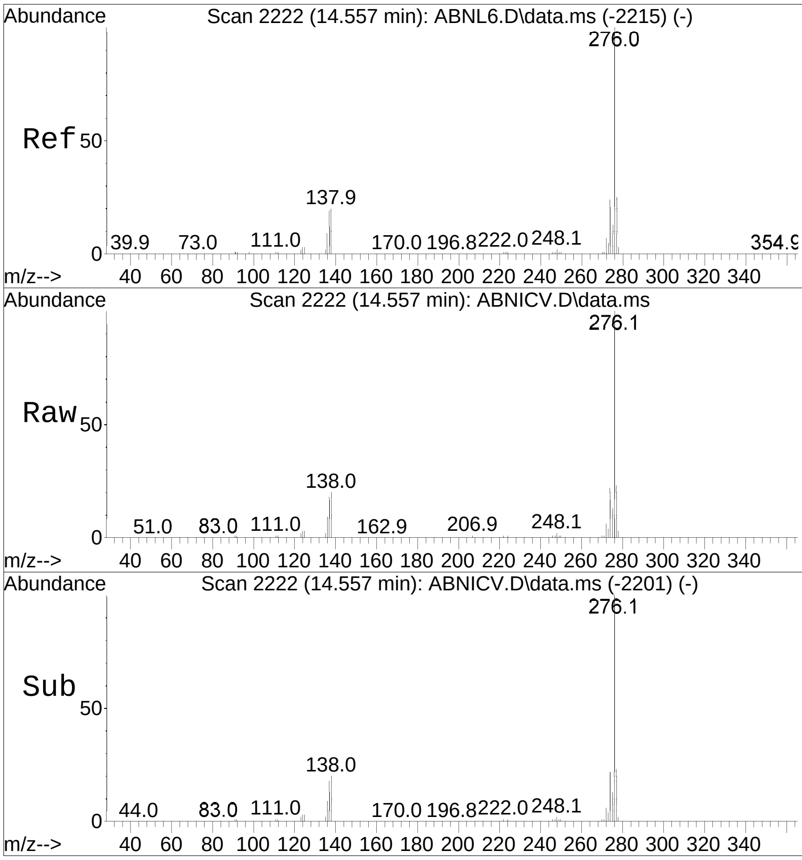


#115
Dibenzo(a,h)anthracene
Concen: 5.36 ug/ml
RT: 14.310 min Scan# 2180
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:278 Resp: 199441

Ion	Ratio	Lower	Upper
278	100		
139	14.6	17.8	26.8#
279	23.9	19.2	28.8

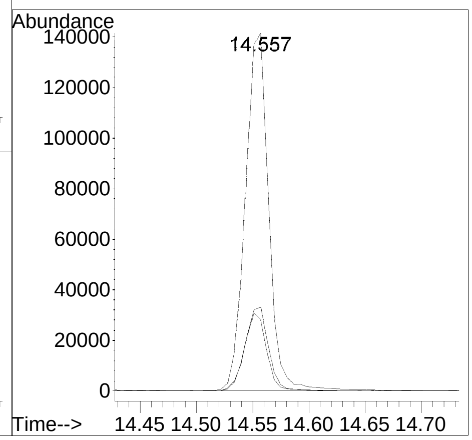




#116
Benzo(ghi)perylene
Concen: 5.26 ug/ml
RT: 14.557 min Scan# 2222
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 13 Mar 2025 08:37 pm

Tgt Ion:276 Resp: 202163

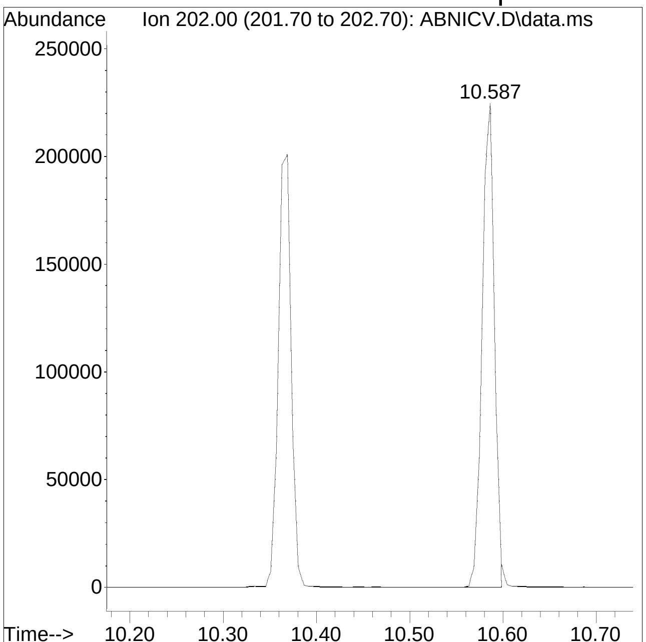
Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.9	32.9#
277	23.8	18.4	27.6

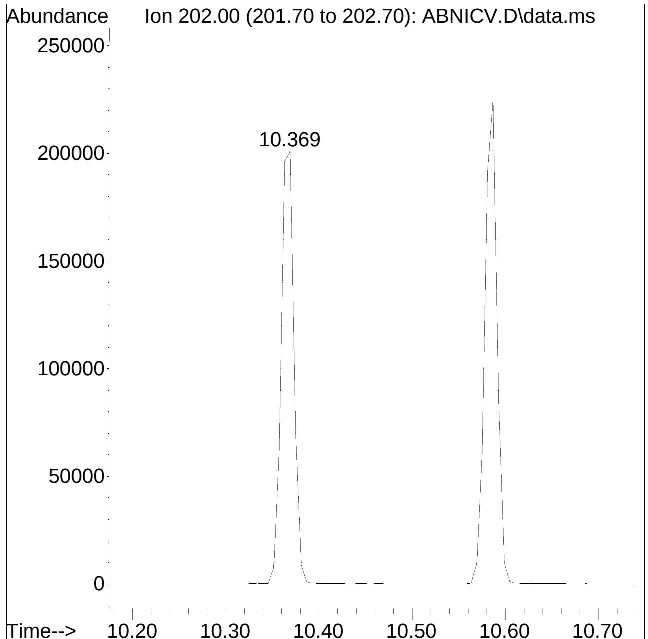


Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNICV.D                 Operator     : SV112:ljg
Date Inj'd  : 3/13/2025  8:37 pm       Instrument   : SV112
Sample      : CQICV1,32,,ABNICV Lot# 114Quant Date  : 3/14/2025 11:20 am
```

Compound #93: Fluoranthene





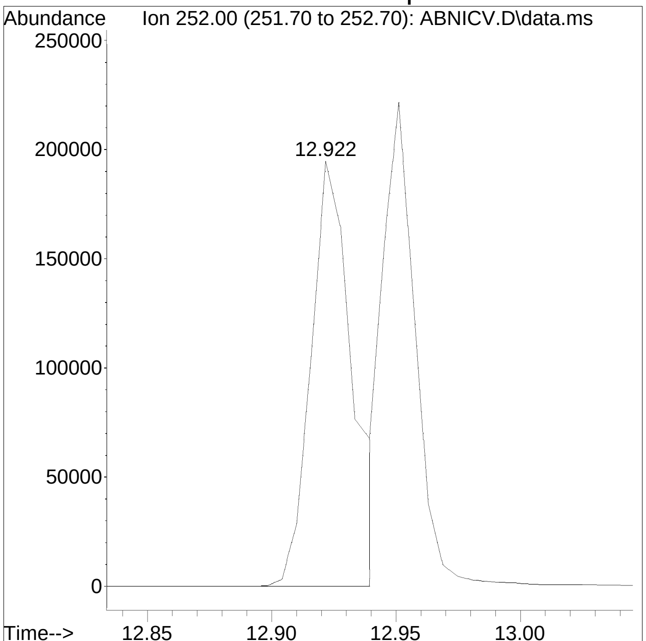
Original Peak Response = 206014 Manual Peak Response = 194367 M3

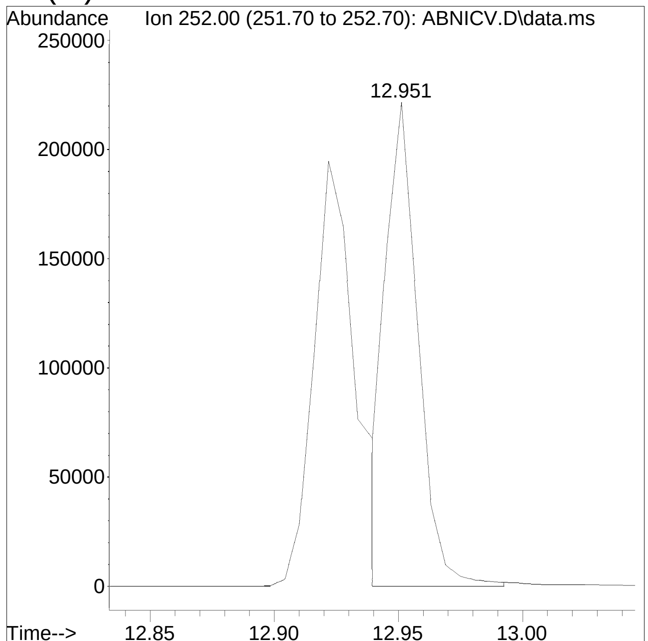
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNICV.D                  Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  8:37 pm        Instrument  : SV112
Sample      : CQICV1,32,,ABNICV Lot# 114Quant Date  : 3/14/2025 11:20 am
```

Compound #111: Benzo(k)fluoranthene





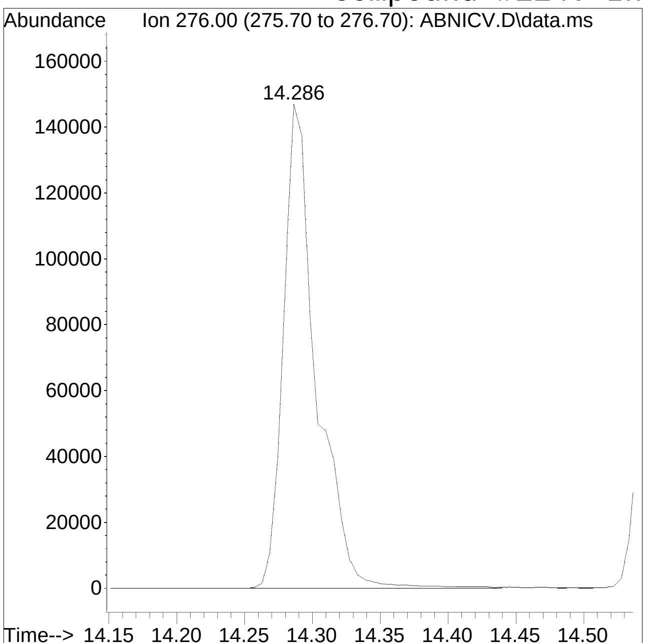
Original Peak Response = 226032   Manual Peak Response = 200232 M3

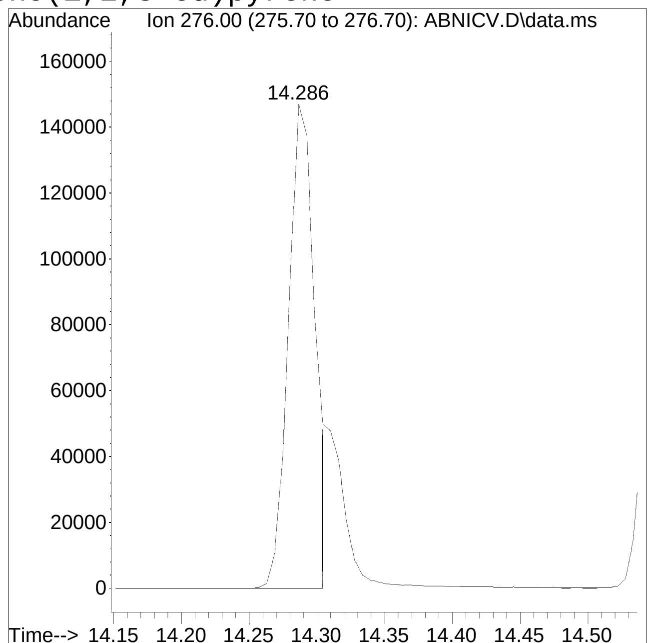
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ABNICV.D                  Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  8:37 pm        Instrument  : SV112
Sample      : CQICV1,32,,ABNICV Lot# 114Quant Date  : 3/14/2025 11:20 am
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 247888 Manual Peak Response = 200063 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9ICV.D
Acq On : 13 Mar 2025 09:00 pm
Operator : SV112:ljg
Sample : CQICV2,32,,AP9ICV Lot# 11453
Misc : WG2040627
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 14 09:42:04 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 08:13:03 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	90	0.00
28	T	Benzaldehyde		0.954	1.194	-25.2#	111	0.00
29	T	Acetophenone		1.731	2.109	-21.8#	114	0.00
30	T	m-Toluidine		1.562	2.020	-29.3#	114	0.00
31	T	2-Chloroaniline		1.509	1.890	-25.2#	113	0.00
55	I	IS2_Naphthalene-d8		1.000	1.000	0.0	92	0.00
56	T	a-Terpineol		0.253	0.304	-20.2#	113	0.00
57	T	3-Chloroaniline		0.130	0.169	-30.0#	108	0.00
58	T	2,6-Dichlorophenol		0.285	0.350	-22.8#	116	0.00
59	T	1-chloro-2-nitrobenzene		0.138	0.162	-17.4	111	0.00
60	T	Caprolactam	*	5.000	5.099	-2.0	112	0.00
61	T	1,2,4,5-Tetrachlorobenzene		0.438	0.509	-16.2	108	0.00
62	T	Biphenyl		0.890	1.061	-19.2	112	0.00
83	I	IS2_Acenaphthene-d10		1.000	1.000	0.0	88	0.00
84	T	Dichloran		0.183	0.210	-14.8	109	0.00
85	T	Pentachloronitrobenzene		0.195	0.243	-24.6#	108	0.00
98	I	IS2_Phenanthrene-d10		1.000	1.000	0.0	86	0.00
99	T	Diphenamid		0.446	0.568	-27.4#	112	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9ICV.D
Acq On : 13 Mar 2025 09:00 pm
Operator : SV112:ljg
Sample : CQICV2,32,,AP9ICV Lot# 11453
Misc : WG2040627
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 14 09:42:04 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 08:13:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.834	152	19900	4.000	ug/ml	0.00
Standard Area 1 = 22127			Recovery =	89.94%		
55) IS2_Naphthalene-d8	6.063	136	75903	4.000	ug/ml	0.00
Standard Area 1 = 82556			Recovery =	91.94%		
83) IS2_Acenaphthene-d10	7.763	164	45270	4.000	ug/ml	0.00
Standard Area 1 = 51609			Recovery =	87.72%		
98) IS2_Phenanthrene-d10	9.193	188	100235	4.000	ug/ml	# 0.00
Standard Area 1 = 116712			Recovery =	85.88%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.399	105	29690	6.259	ug/ml	97
29) Acetophenone	5.228	105	52450	6.090	ug/ml	97
30) m-Toluidine	5.310	106	50251	6.465	ug/ml	96
31) 2-Chloroaniline	5.669	127	47023	6.262	ug/ml	99
56) a-Terpineol	6.116	59	28851	6.013	ug/ml	95
57) 3-Chloroaniline	6.128	65	16057	6.486	ug/ml	97
58) 2,6-Dichlorophenol	6.157	162	33199	6.141	ug/ml	92
59) 1-chloro-2-nitrobenzene	6.410	111	15347	5.879	ug/ml	96
60) Caprolactam	6.446	55	15173	5.099	ug/ml	98
61) 1,2,4,5-Tetrachloroben...	6.928	216	48315	5.810	ug/ml	97
62) Biphenyl	7.222	154	100689	5.962	ug/ml	98
84) Dichloran	8.887	206	11911	5.737	ug/ml#	74
85) Pentachloronitrobenzene	9.040	237	13724	6.230	ug/ml#	83
99) Diphenamid	10.092	167	71119	6.369	ug/ml	88

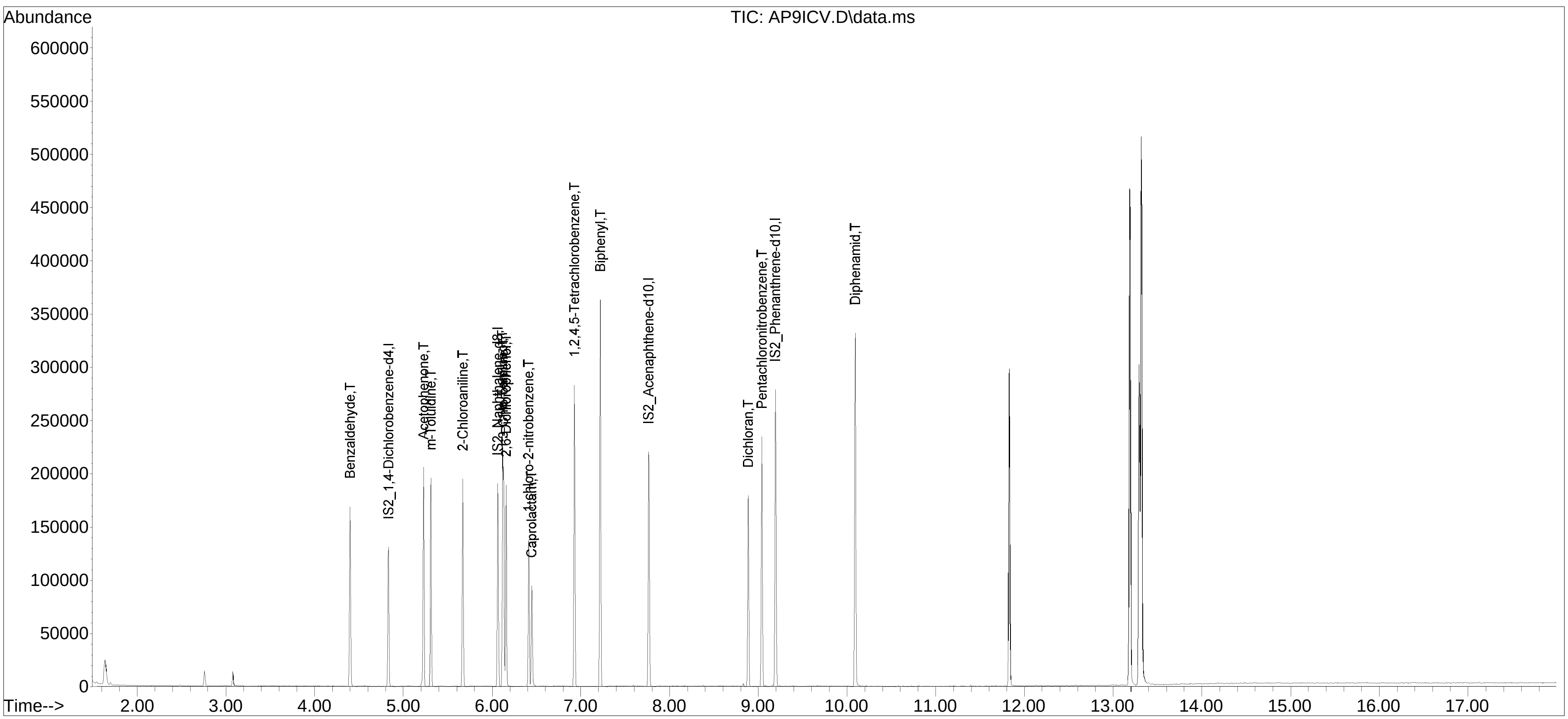
(#) = qualifier out of range (m) = manual integration (+) = signals summed

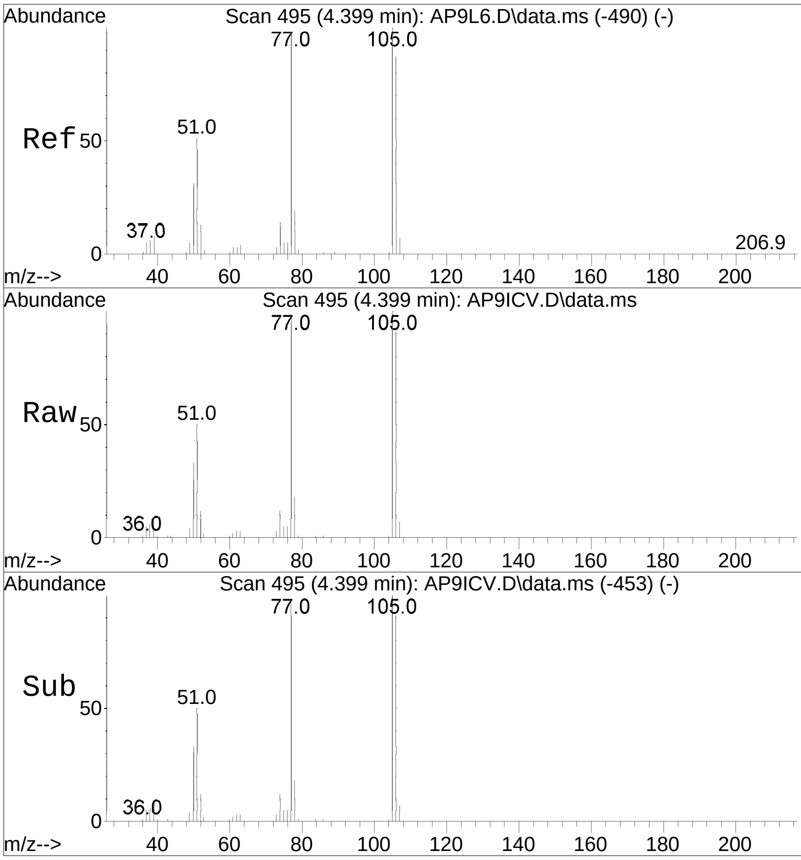
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : AP9ICV.D
Acq On   : 13 Mar 2025 09:00 pm
Operator : SV112:ljg
Sample   : CQICV2,32,,AP9ICV Lot# 11453
Misc   : WG2040627
ALS Vial : 20   Sample Multiplier: 1

Quant Time: Mar 14 09:42:04 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 08:13:03 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublistTical\AP9L6.D•

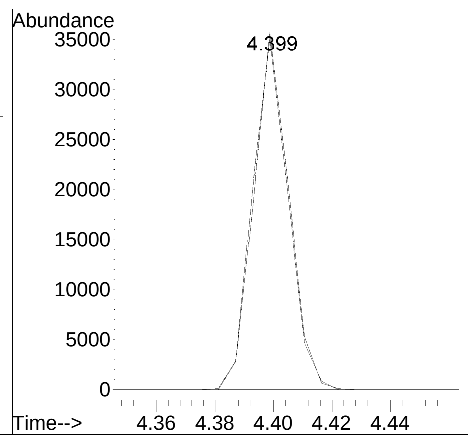


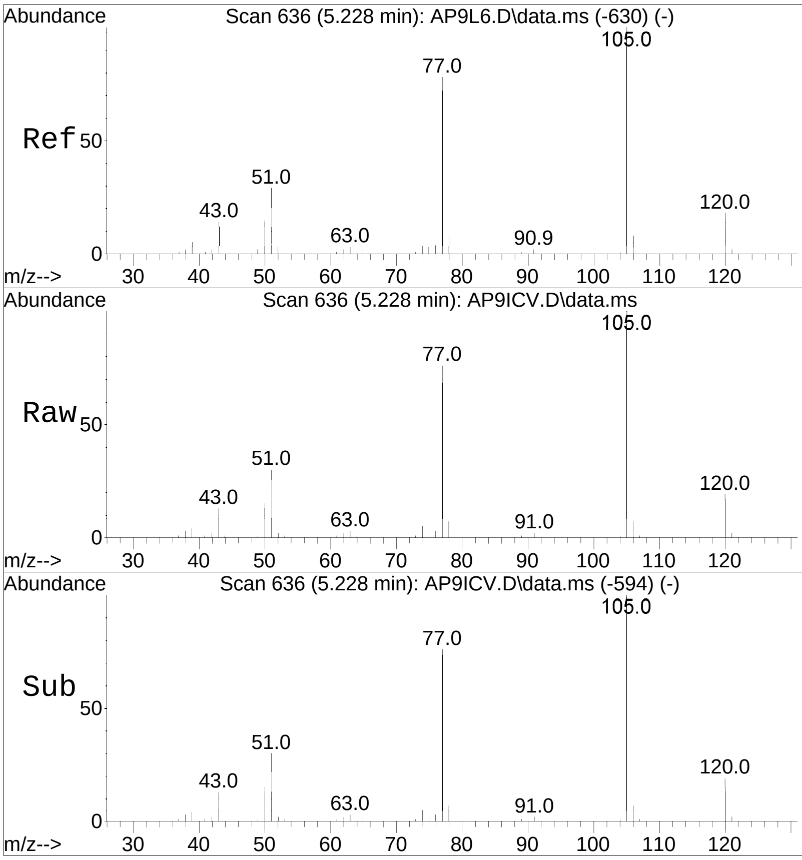


#28
Benzaldehyde
Concen: 6.26 ug/ml
RT: 4.399 min Scan# 495
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:105 Resp: 29690

Ion	Ratio	Lower	Upper
105	100		
77	99.7	77.0	115.6

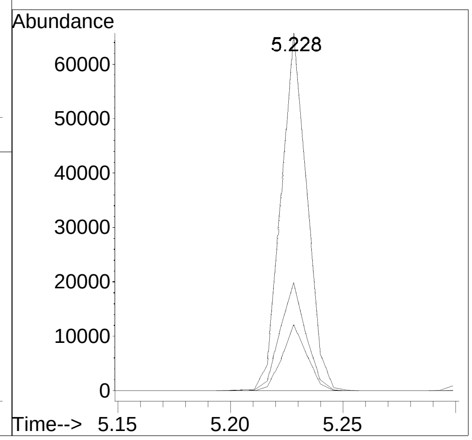


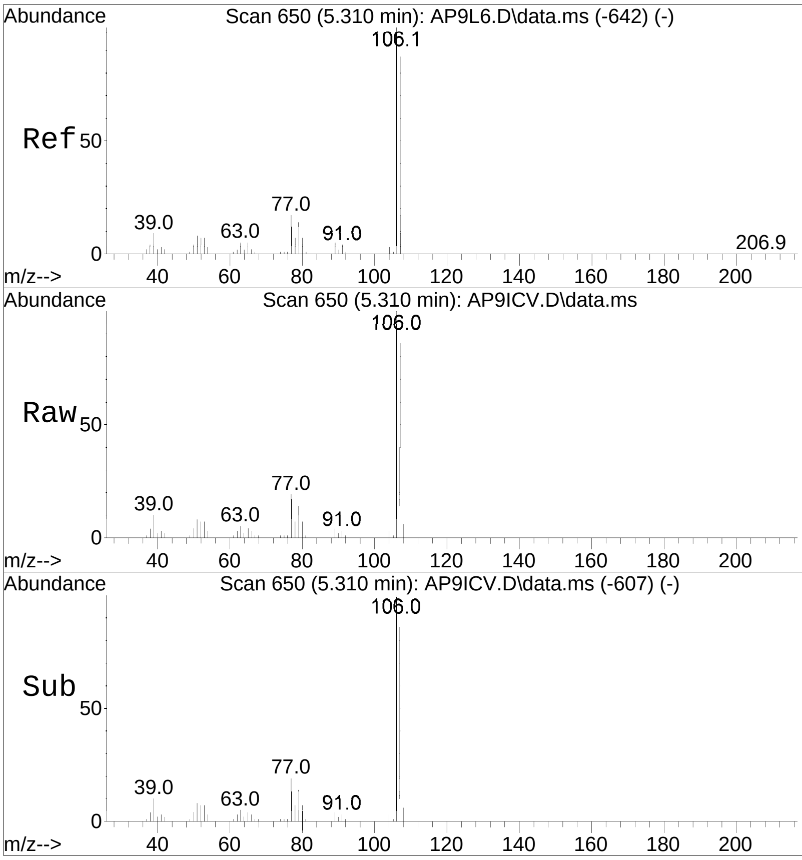


#29
Acetophenone
Concen: 6.09 ug/ml
RT: 5.228 min Scan# 636
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:105 Resp: 52450

Ion	Ratio	Lower	Upper
105	100		
120	17.7	15.2	22.8
51	30.3	23.1	34.7

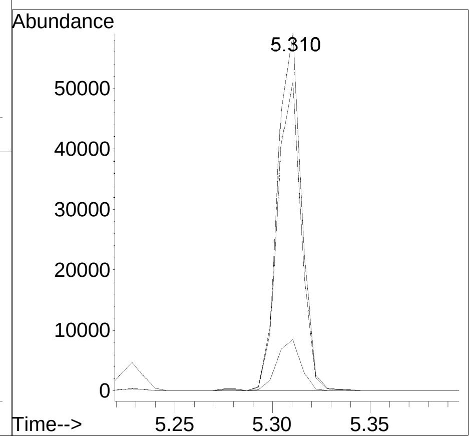


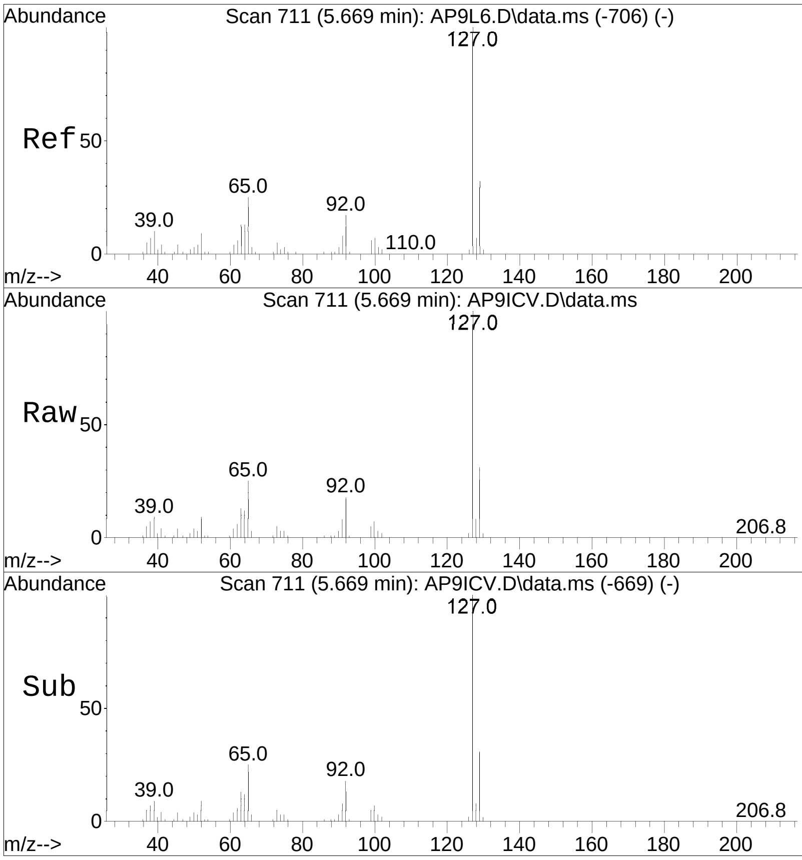


#30
m-Toluidine
Concen: 6.47 ug/ml
RT: 5.310 min Scan# 650
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:106 Resp: 50251

Ion	Ratio	Lower	Upper
106	100		
107	86.3	72.3	108.5
79	14.3	12.2	18.2

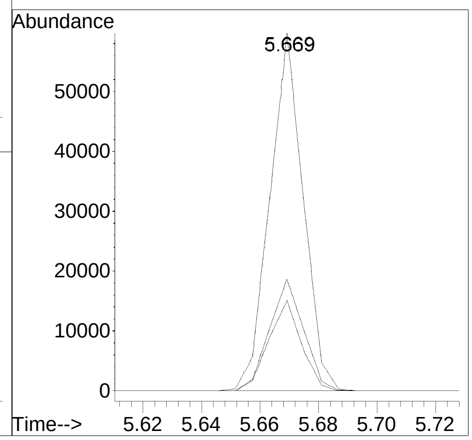


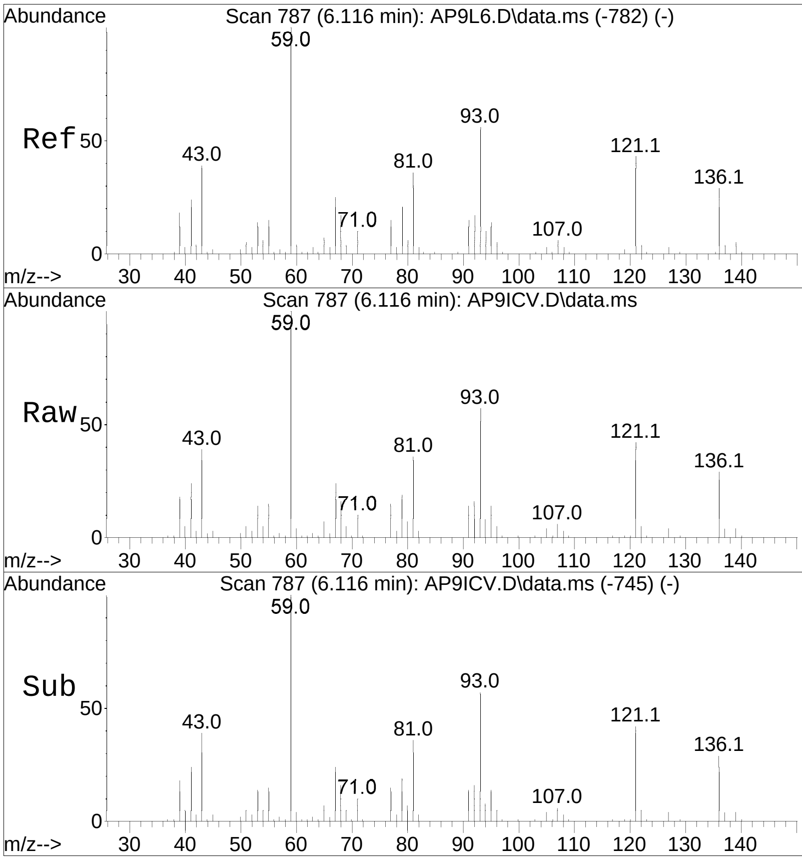


#31
2-Chloroaniline
Concen: 6.26 ug/ml
RT: 5.669 min Scan# 711
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:127 Resp: 47023

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	24.9	20.5	30.7

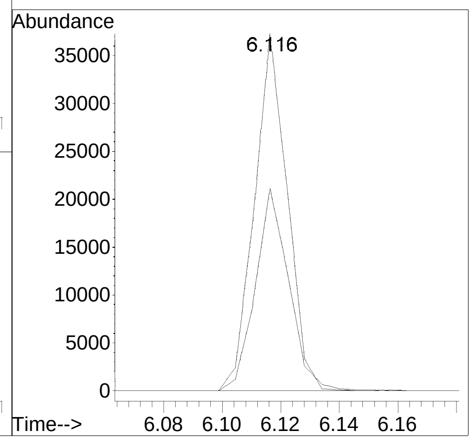


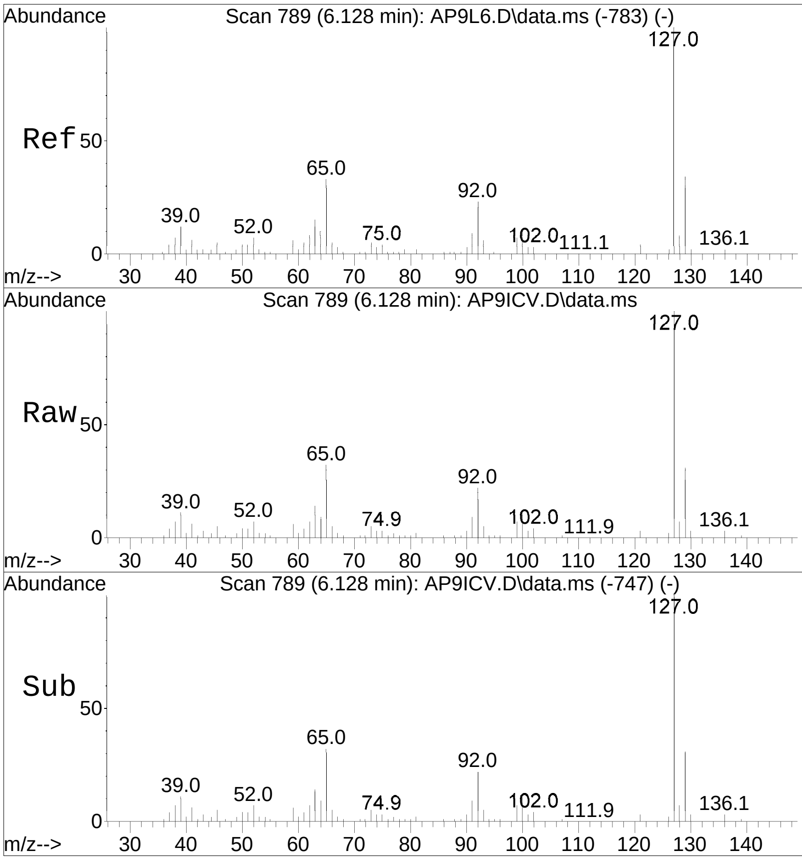


#56
a-Terpineol
Concen: 6.01 ug/ml
RT: 6.116 min Scan# 787
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion: 59 Resp: 28851

Ion	Ratio	Lower	Upper
59	100		
93	58.1	43.5	65.3

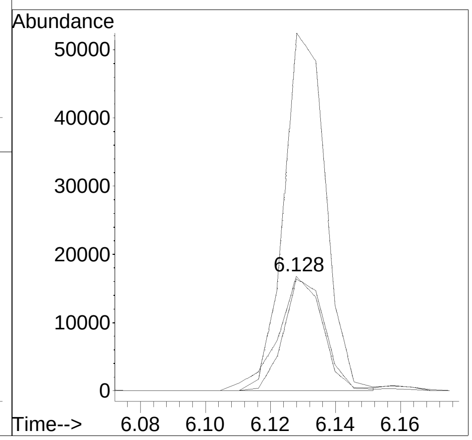


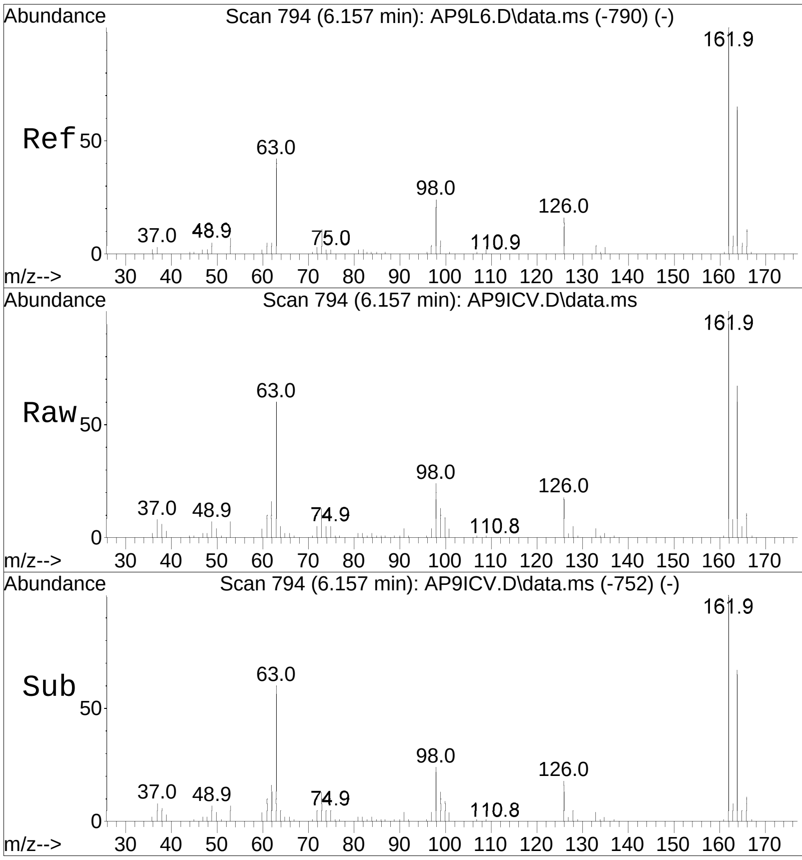


#57
3-Chloroaniline
Concen: 6.49 ug/ml
RT: 6.128 min Scan# 789
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion: 65 Resp: 16057

Ion	Ratio	Lower	Upper
65	100		
127	292.1	236.6	355.0
129	90.6	76.6	115.0

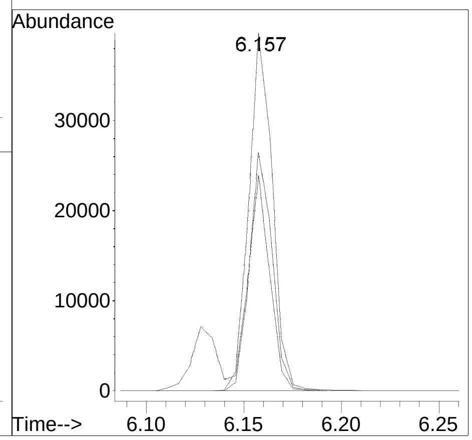


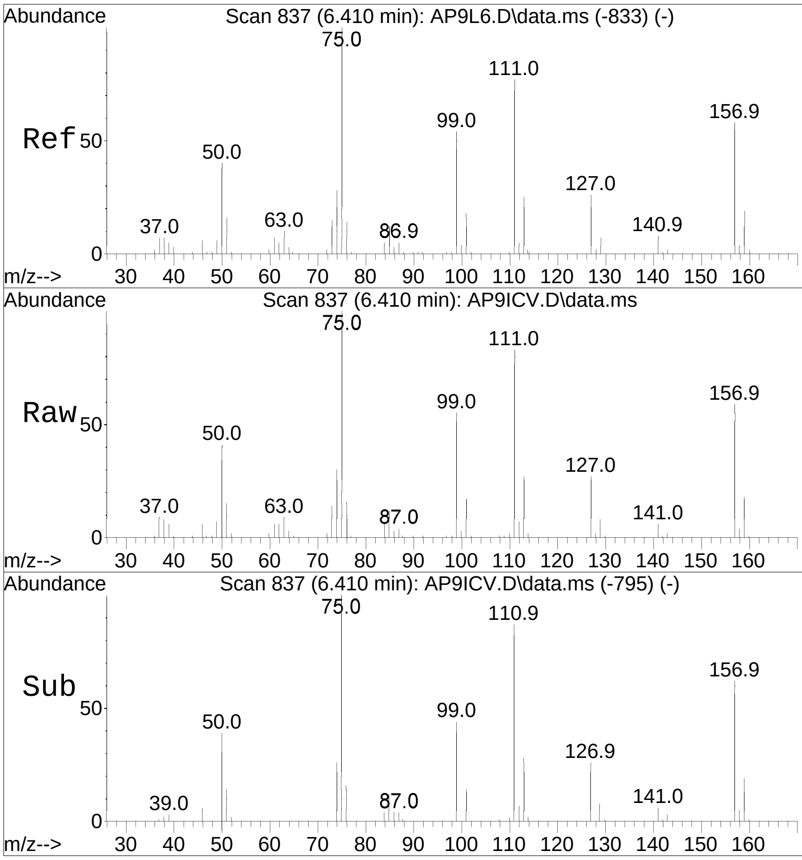


#58
2,6-Dichlorophenol
Concen: 6.14 ug/ml
RT: 6.157 min Scan# 794
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:162 Resp: 33199

Ion	Ratio	Lower	Upper
162	100		
164	64.3	50.8	76.2
63	55.7	53.6	80.4

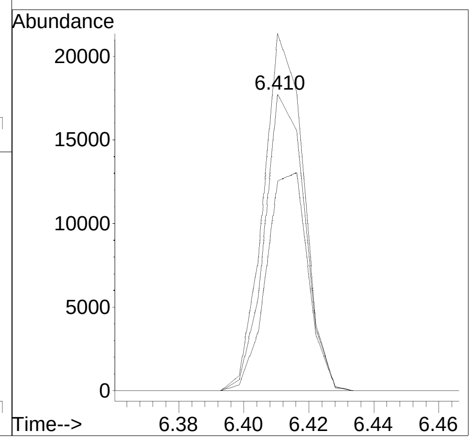


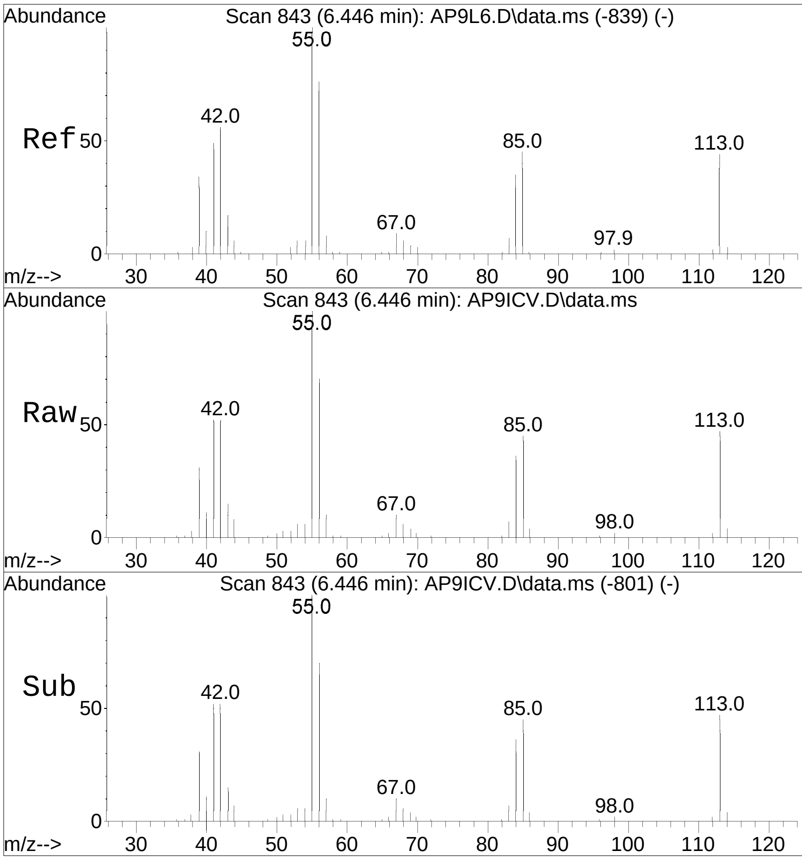


#59
1-chloro-2-nitrobenzene
Concen: 5.88 ug/ml
RT: 6.410 min Scan# 837
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:111 Resp: 15347

Ion	Ratio	Lower	Upper
111	100		
157	76.1	56.2	84.2
75	120.0	97.8	146.6

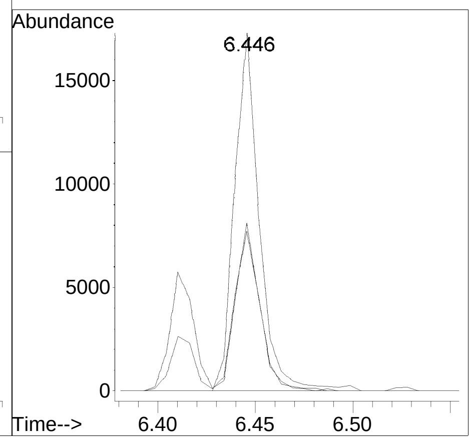


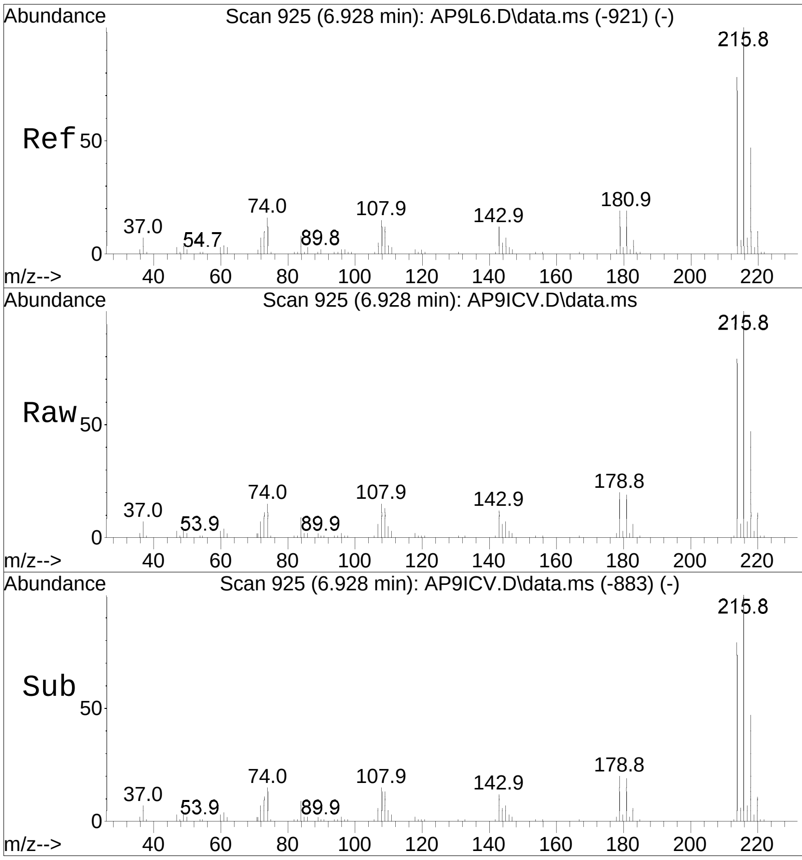


#60
Caprolactam
Concen: 5.10 ug/ml
RT: 6.446 min Scan# 843
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion: 55 Resp: 15173

Ion	Ratio	Lower	Upper
55	100		
85	46.0	35.2	52.8
113	46.0	36.6	55.0

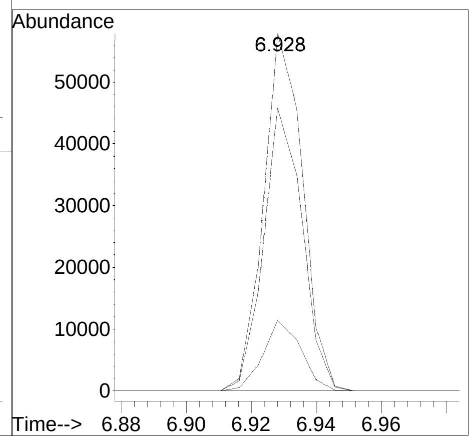


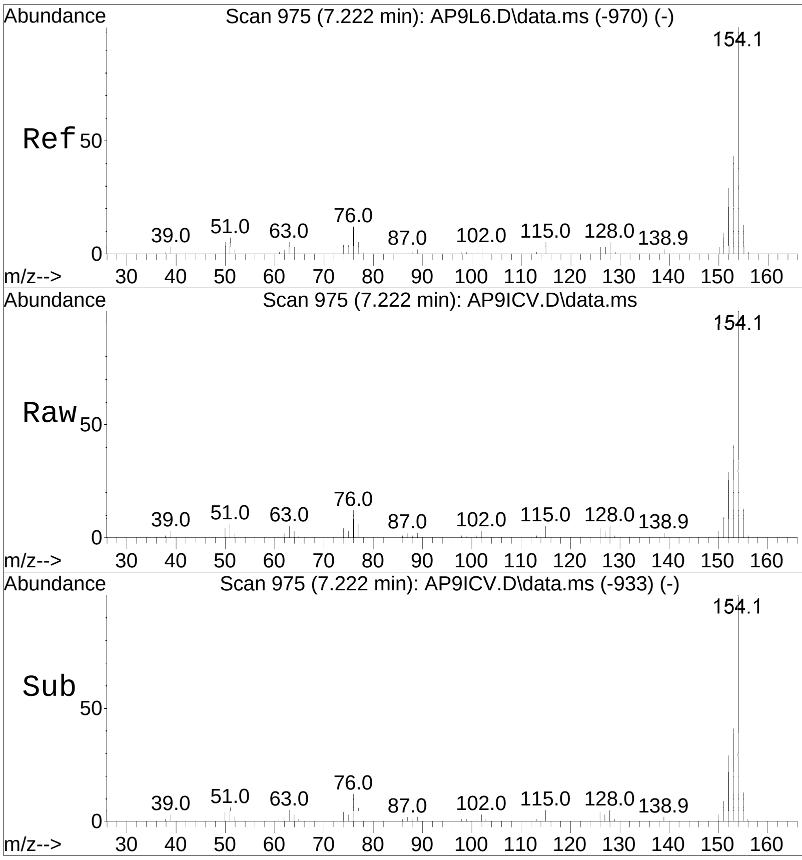


#61
1,2,4,5-Tetrachlorobenzene
Concen: 5.81 ug/ml
RT: 6.928 min Scan# 925
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:216 Resp: 48315

Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.0	96.0
179	19.2	18.7	28.1

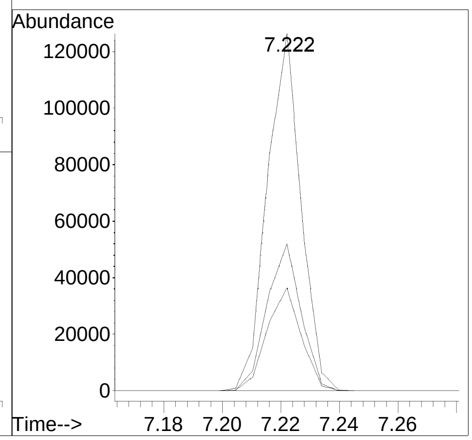


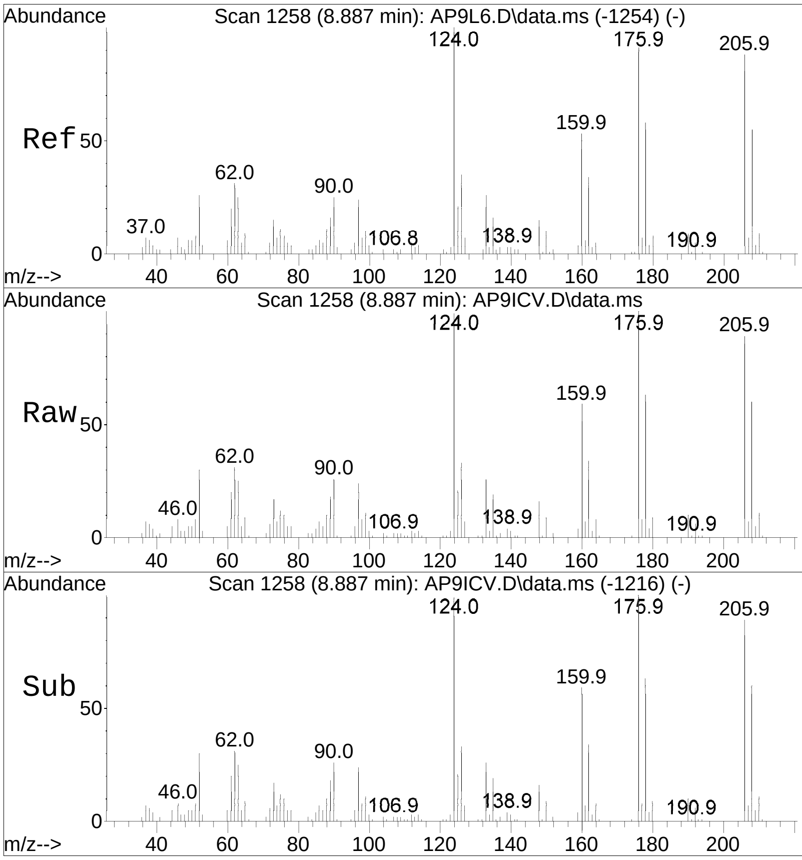


#62
Biphenyl
Concen: 5.96 ug/ml
RT: 7.222 min Scan# 975
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:154 Resp: 100689

Ion	Ratio	Lower	Upper
154	100		
153	41.9	32.5	48.7
152	29.5	22.6	34.0

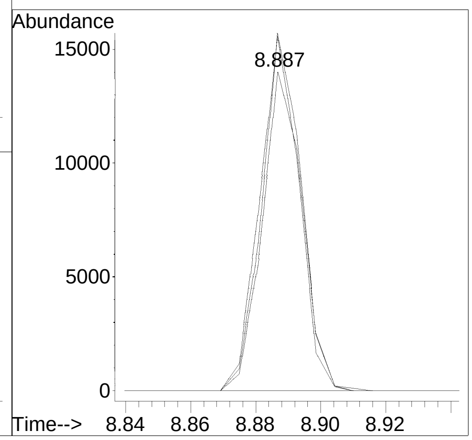


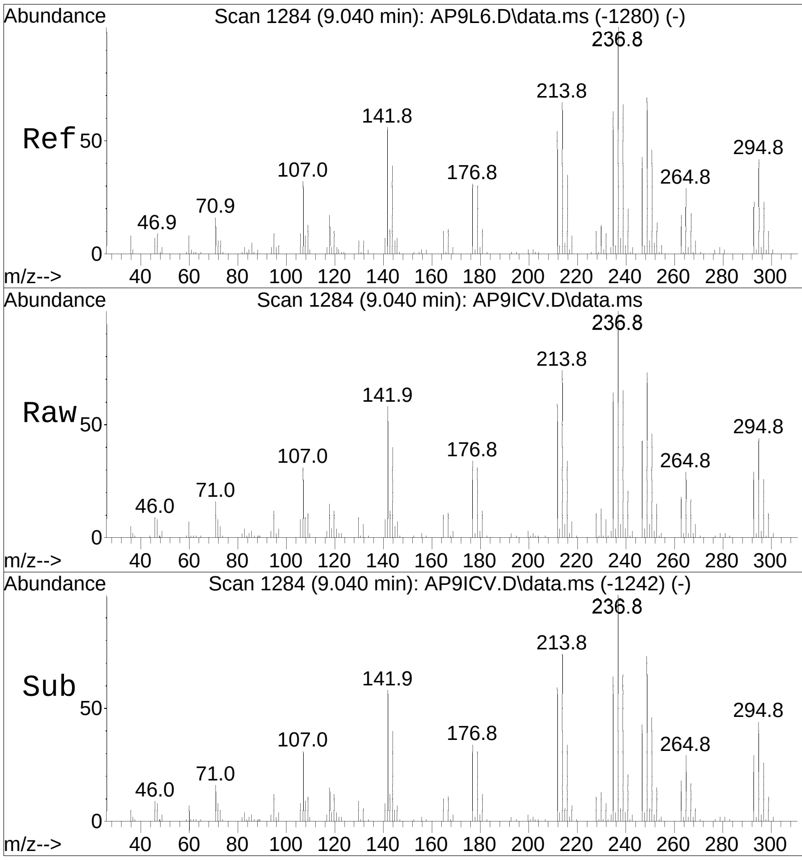


#84
Dichloran
Concen: 5.74 ug/ml
RT: 8.887 min Scan# 1258
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:206 Resp: 11911

Ion	Ratio	Lower	Upper
206	100		
176	110.1	98.8	148.2
124	108.8	125.8	188.6#

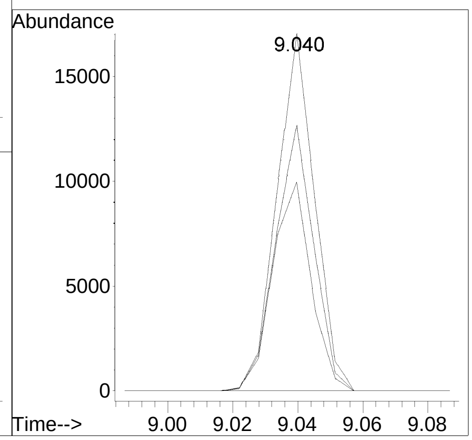


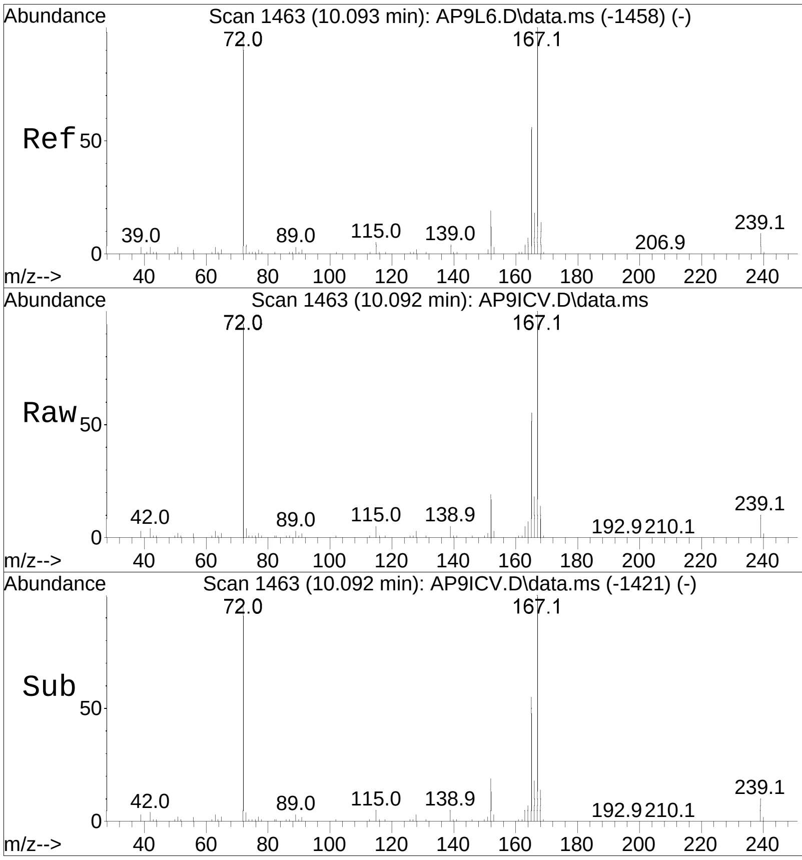


#85
Pentachloronitrobenzene
Concen: 6.23 ug/ml
RT: 9.040 min Scan# 1284
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:237 Resp: 13724

Ion	Ratio	Lower	Upper
237	100		
142	60.2	70.3	105.5#
214	75.5	59.4	89.2

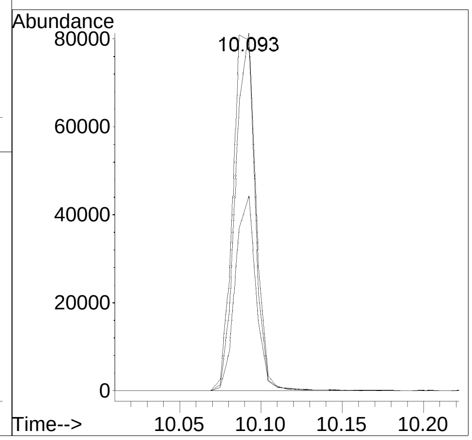




#99
Diphenamid
Concen: 6.37 ug/ml
RT: 10.092 min Scan# 1463
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 13 Mar 2025 09:00 pm

Tgt Ion:167 Resp: 71119

Ion	Ratio	Lower	Upper
167	100		
72	107.8	98.9	148.3
165	56.1	40.4	60.6



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : AP9ICV.D                   Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  9:00 pm         Instrument  : SV112
Sample      : CQICV2,32,,AP9ICV Lot# 114Quant Date  : 3/14/2025  8:32 am
```

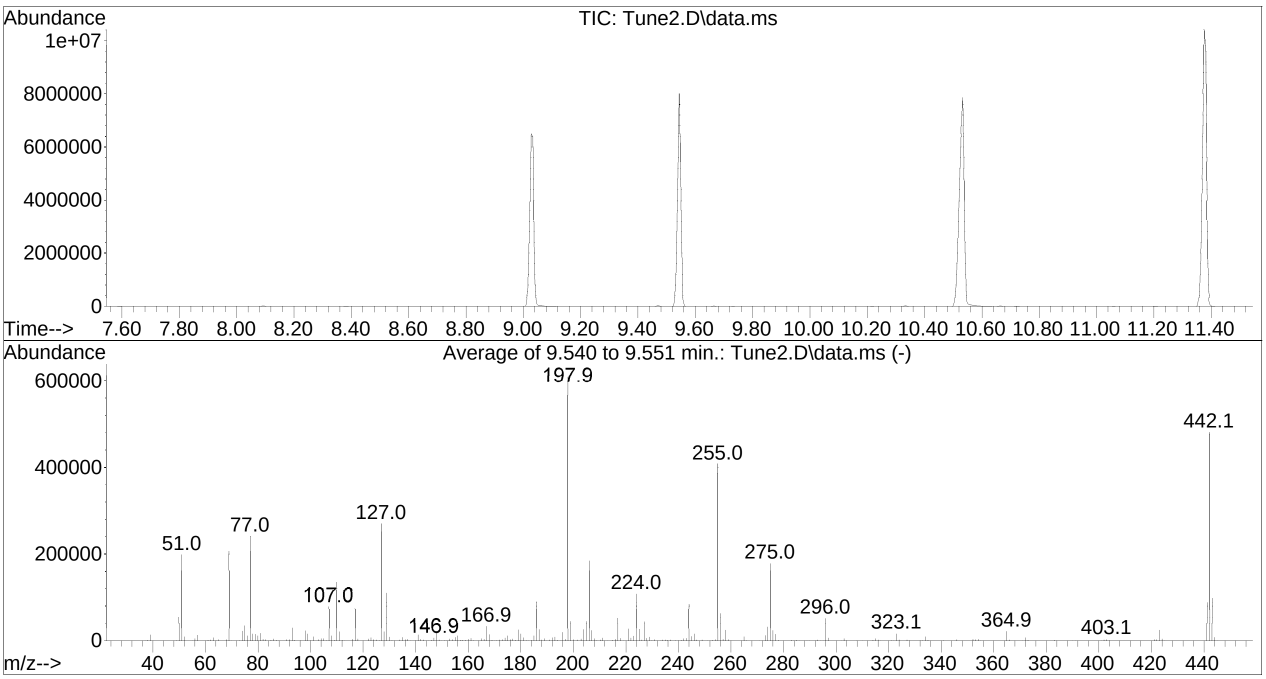
There are no manual integrations or false positives in this file.

DFTPP

Data Path : I:\8270\SV112\250313RVTical\
Data File : Tune2.D
Acq On : 13 Mar 2025 09:22 pm
Operator : SV112:ljg
Sample : Tune Lot#11459
Misc : WG2040627
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Mar 14 09:19:55 2025



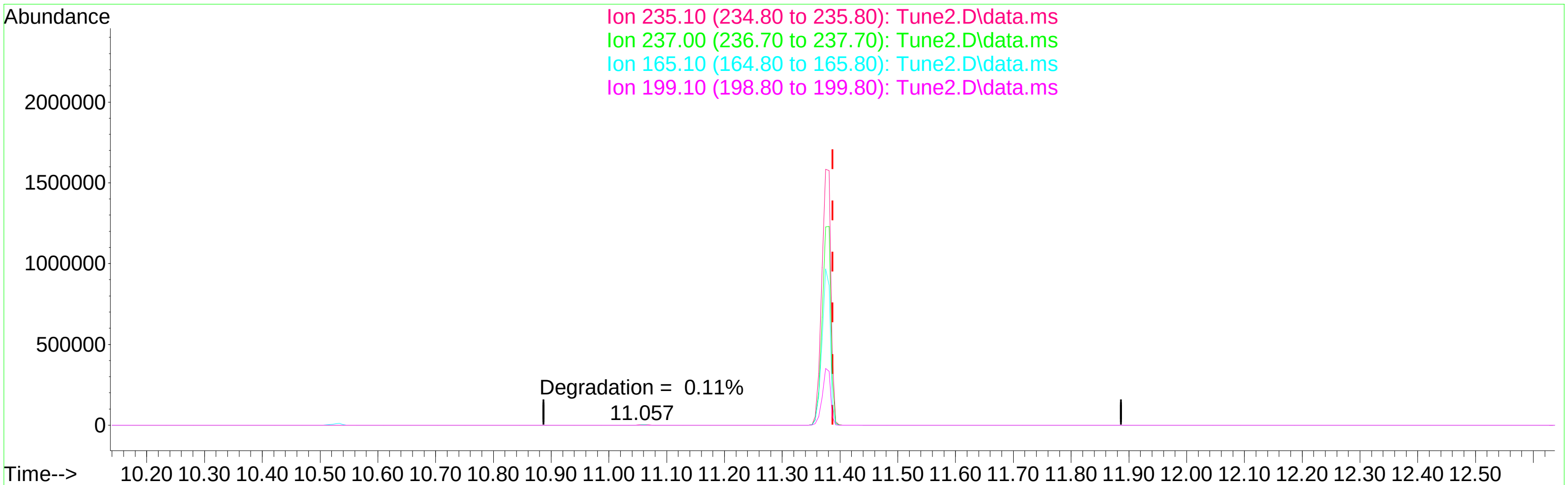
Spectrum Information: Average of 9.540 to 9.551 min.

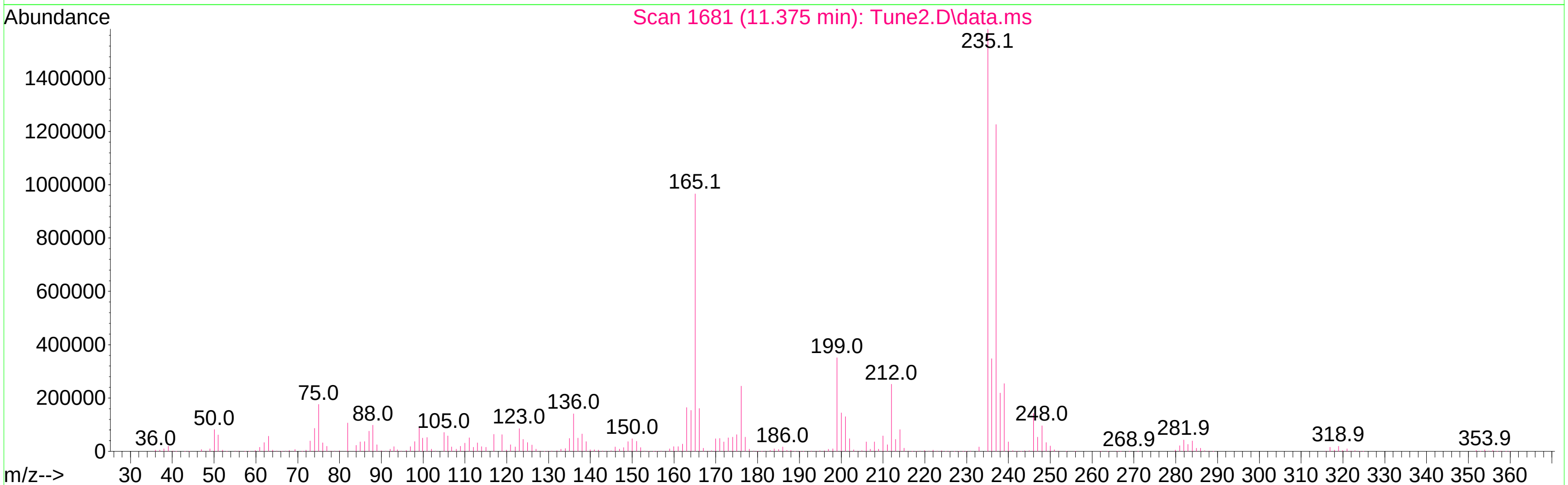
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	32.6	198509	PASS
68	69	0.00	2	1.7	3429	PASS
69	69	100	100	100.0	206485	PASS
70	69	0.00	2	0.5	1005	PASS
127	198	10	80	44.4	270221	PASS
197	198	0.00	2	0.7	4354	PASS
198	198	100	100	100.0	608427	PASS
199	198	5	9	7.5	45421	PASS
275	198	10	60	29.3	178384	PASS
365	198	1	100	3.6	22095	PASS
441	442	0.01	24	18.2	87557	PASS
442	198	50	100	79.0	480875	PASS
443	442	15	24	20.5	98723	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\250313RVTical\
Data File : Tune2.D
Acq On : 13 Mar 2025 09:22 pm
Operator : SV112:ljg
Sample : Tune Lot#11459
Misc : WG2040627
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 14 07:51:39 2025
Quant Method : I:\8270\SV112\250313RVTical\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11459]

(6) DDT (T)

11.375min (-0.012) 0.00

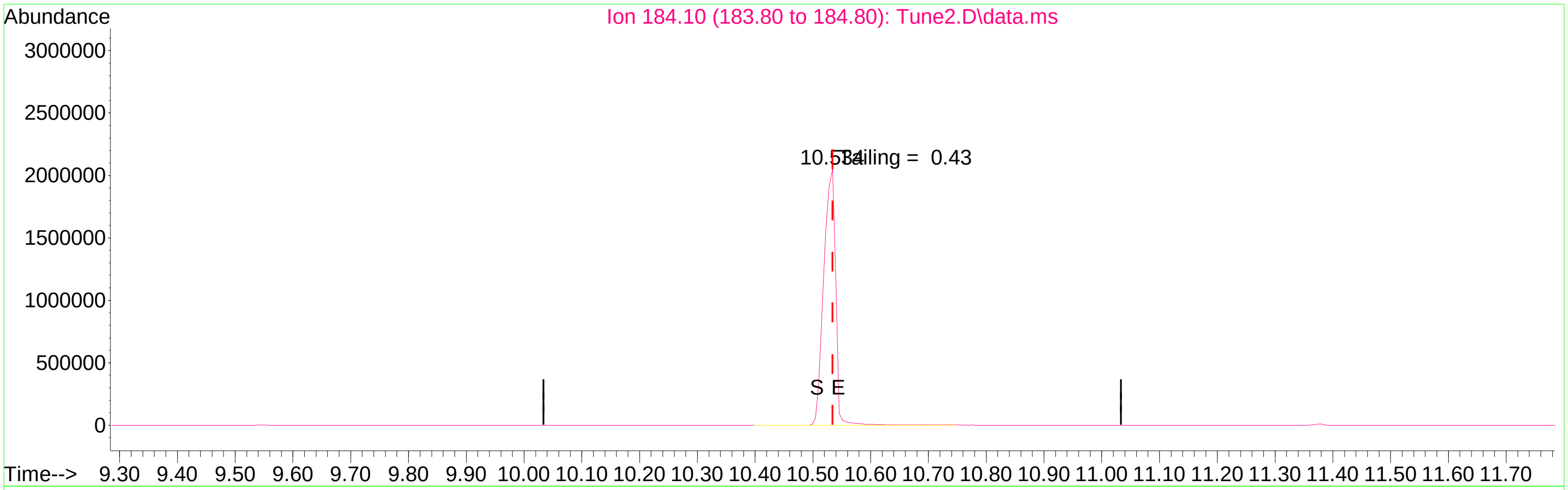
response 1754691

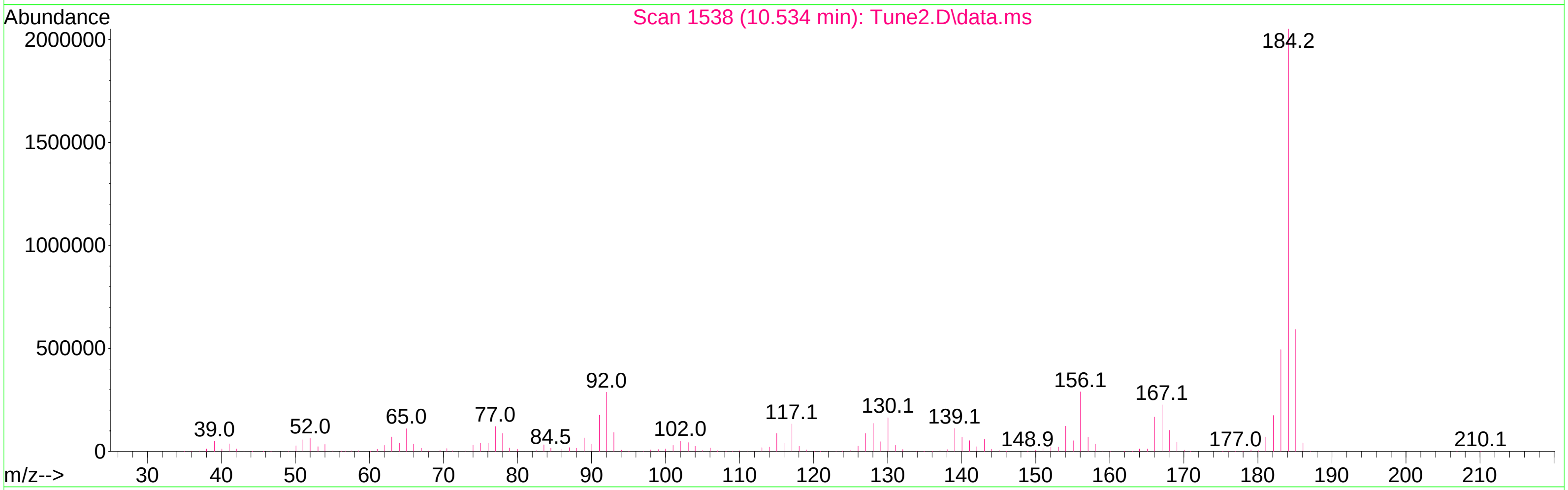
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	71.30	73.97
165.10	47.10	54.93
199.10	16.40	19.72

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\250313RVTical\
Data File : Tune2.D
Acq On : 13 Mar 2025 09:22 pm
Operator : SV112:ljg
Sample : Tune Lot#11459
Misc : WG2040627
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 14 07:51:39 2025
Quant Method : I:\8270\SV112\250313RVTical\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11459]

(3) Benzidine (T)

10.534min (-0.000) 0.00

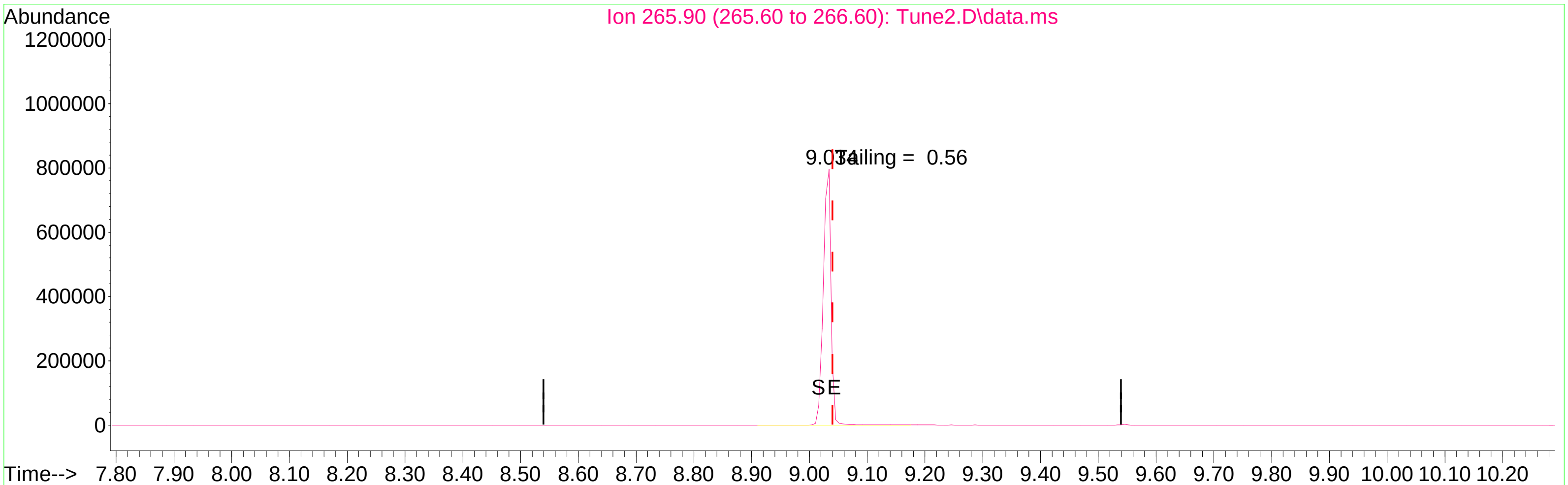
response 2941980

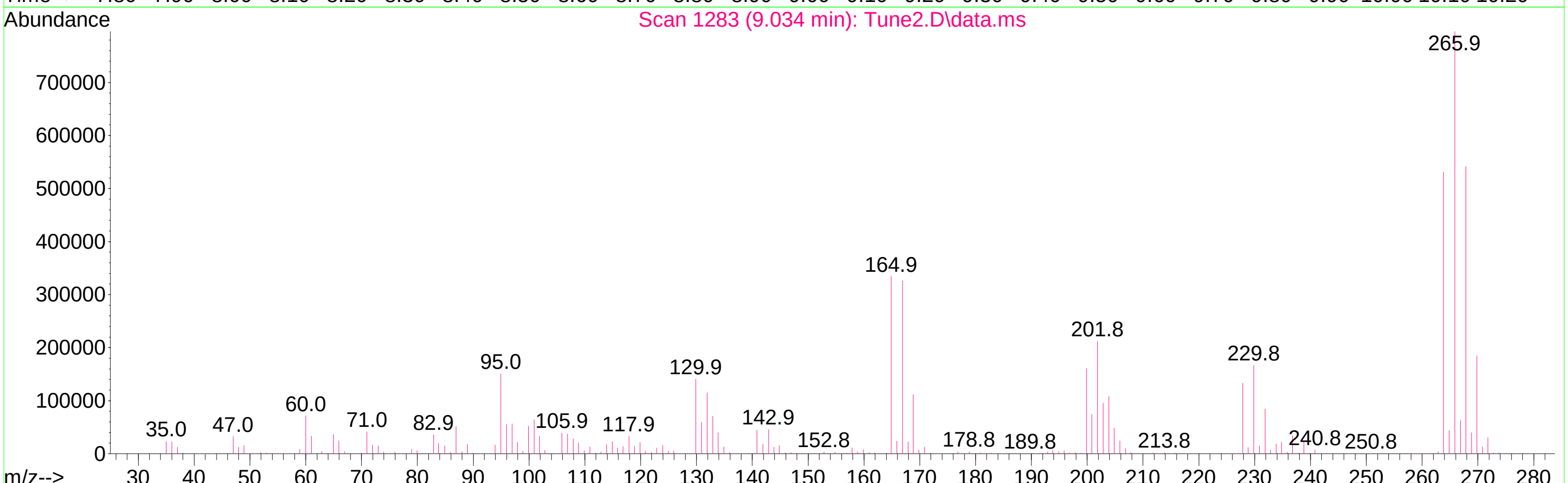
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\250313RVTical\
Data File : Tune2.D
Acq On : 13 Mar 2025 09:22 pm
Operator : SV112:ljg
Sample : Tune Lot#11459
Misc : WG2040627
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 14 07:51:39 2025
Quant Method : I:\8270\SV112\250313RVTical\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11459]

(1) Pentachlorophenol (T)

9.034min (-0.006) 0.00

response 741927

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Duplicate Retention Times

(5) DDD 235.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL9.D
Acq On : 13 Mar 2025 09:45 pm
Operator : SV112:ljg
Sample : IL2,32,,ADPL50 Lot# 11443
Misc : WG2040627
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 14 08:11:45 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.834	152	20391	4.000 ug/ml	0.00
Standard Area 1 = 22545			Recovery =	90.45%	
86) IS3_Acenaphthene-d10	7.763	164	46305	4.000 ug/ml	0.00
Standard Area 1 = 49125			Recovery =	94.26%	
100) IS3_Phenanthrene-d10	9.193	188	103186	4.000 ug/ml	# 0.00
Standard Area 1 = 112339			Recovery =	91.85%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.928	88	121764	55.179 ug/ml#	81
34) n-Decane	4.716	57	341418	54.700 ug/ml#	90
87) Atrazine	8.969	200	314659	63.073 ug/ml	96
101) n-Octadecane	9.163	57	555540	60.562 ug/ml	89
102) Parathion	9.975	109	179709	80.901 ug/ml#	90
103) 3,3'-Dimethylbenzidine	11.263	212	1264591	73.279 ug/ml	94

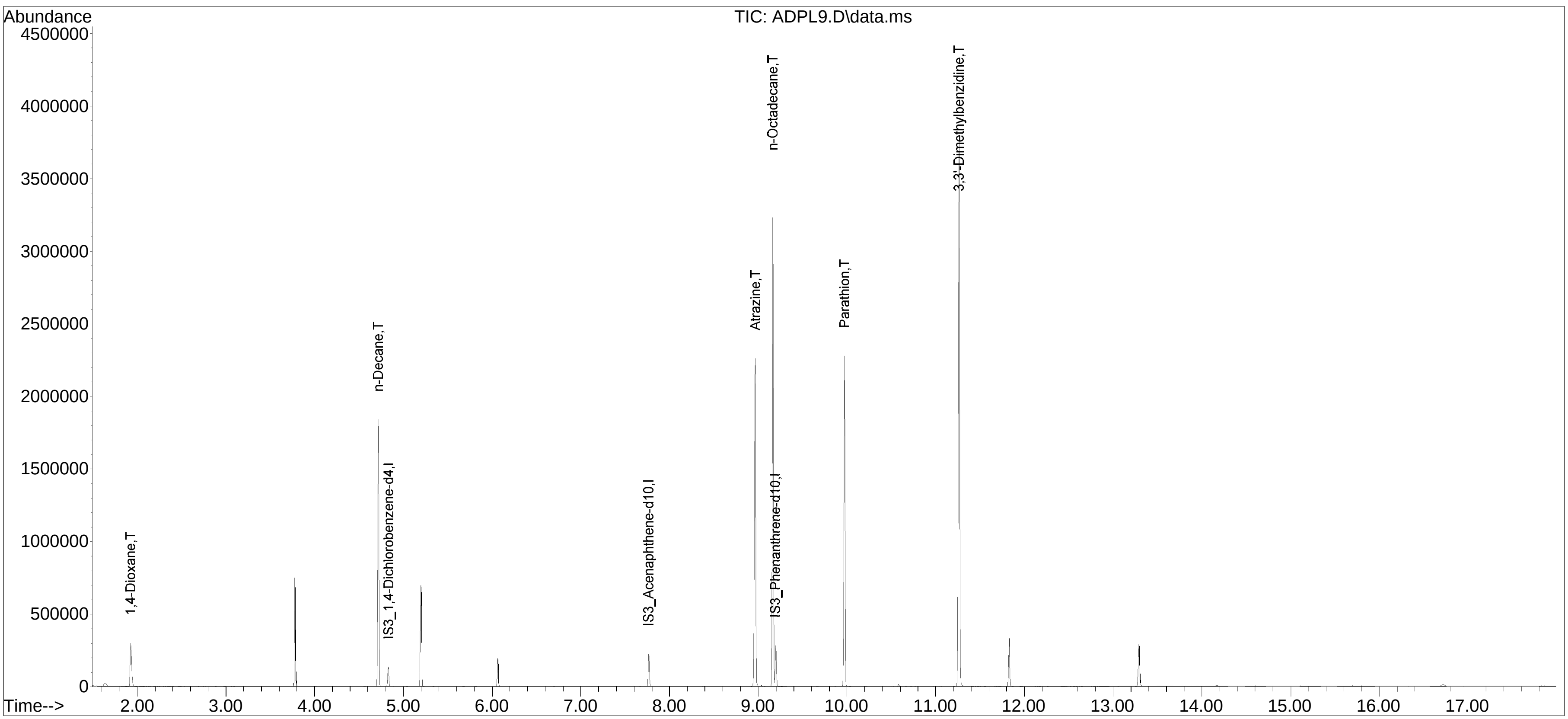
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL9.D
Acq On   : 13 Mar 2025 09:45 pm
Operator : SV112:ljg
Sample   : IL2,32,,ADPL50 Lot# 11443
Misc   : WG2040627
ALS Vial : 21   Sample Multiplier: 1

Quant Time: Mar 14 08:11:45 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

Sub List   : ADPical_REV2 - ADP sublistTical\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ADPL9.D                      Operator    : SV112:ljg
Date Inj'd  : 3/13/2025  9:45 pm           Instrument  : SV112
Sample      : IL2,32,,ADPL50 Lot# 11443 Quant Date  : 3/14/2025  8:02 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL8.D
Acq On : 13 Mar 2025 10:08 pm
Operator : SV112:ljg
Sample : IL3,32,,ADPL25 Lot# 11444
Misc : WG2040627
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 14 08:10:49 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.834	152	20103	4.000	ug/ml	0.00
Standard Area 1 = 22545			Recovery =	89.17%		
86) IS3_Acenaphthene-d10	7.763	164	46541	4.000	ug/ml	0.00
Standard Area 1 = 49125			Recovery =	94.74%		
100) IS3_Phenanthrene-d10	9.193	188	104995	4.000	ug/ml	# 0.00
Standard Area 1 = 112339			Recovery =	93.46%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.928	88	68311	31.400	ug/ml#	82
34) n-Decane	4.716	57	193273	31.409	ug/ml#	89
87) Atrazine	8.963	200	176092	35.119	ug/ml	98
101) n-Octadecane	9.163	57	320907	34.381	ug/ml	90
102) Parathion	9.969	109	95866	42.413	ug/ml#	90
103) 3,3'-Dimethylbenzidine	11.257	212	730921	41.625	ug/ml	97

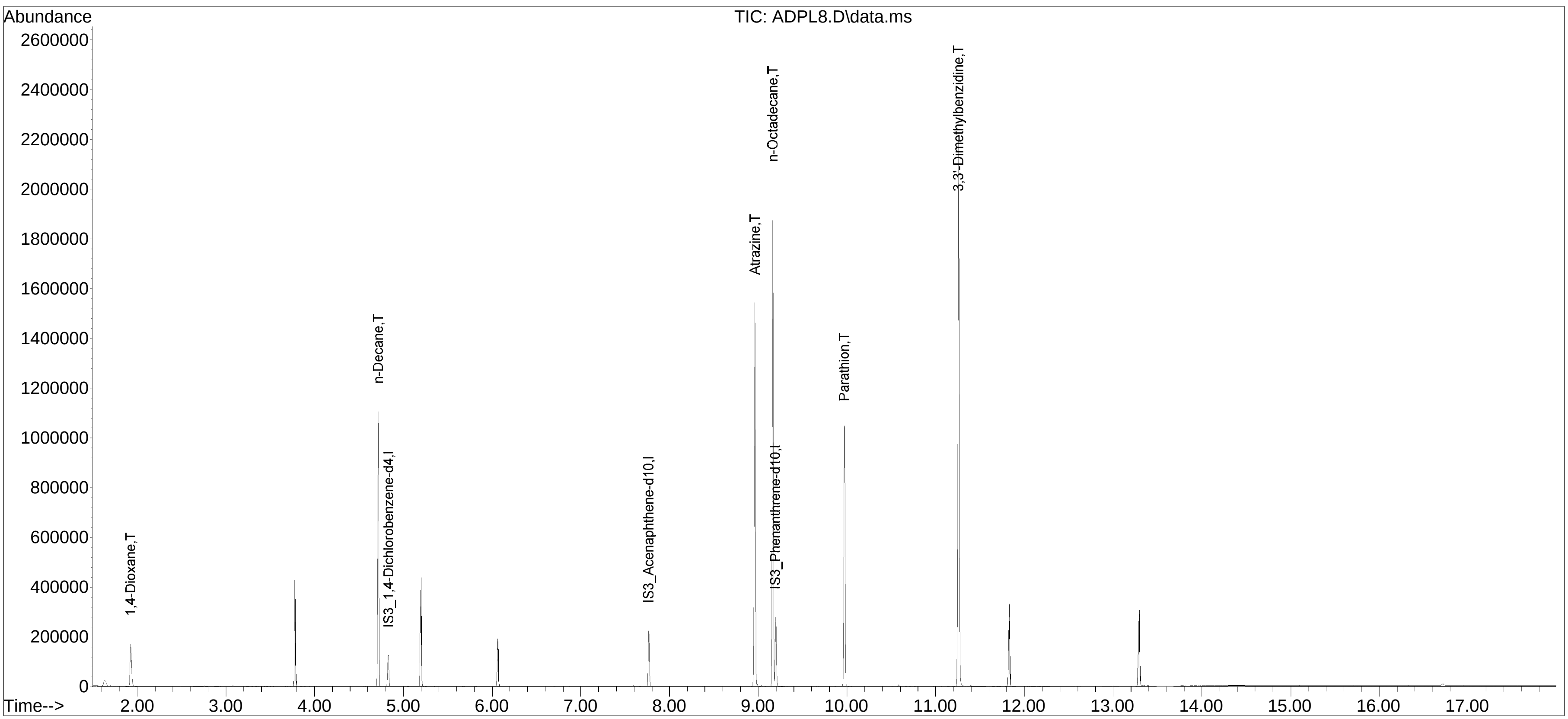
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL8.D
Acq On : 13 Mar 2025 10:08 pm
Operator : SV112:ljg
Sample : IL3,32,,ADPL25 Lot# 11444
Misc : WG2040627
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 14 08:10:49 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\ADPL6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\250313RVTica	QMethod	: FS250313SV112RVT.m
Data File	: ADPL8.D	Operator	: SV112:ljg
Date Inj'd	: 3/13/2025 10:08 pm	Instrument	: SV112
Sample	: IL3,32,,ADPL25 Lot# 11444	Quant Date	: 3/14/2025 8:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL7.D
Acq On    : 13 Mar 2025  10:31 pm
Operator  : SV112:ljg
Sample    : IL4,32,,ADPL10 Lot# 11445
Misc      : WG2040627
ALS Vial  : 23   Sample Multiplier: 1

Quant Time: Mar 14 08:10:08 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ADPL6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   4.834  152     22131     4.000 ug/ml    0.00
    Standard Area 1 = 22545                 Recovery   =   98.16%
 86) IS3_Acenaphthene-d10        7.763  164     47840     4.000 ug/ml    0.00
    Standard Area 1 = 49125                 Recovery   =   97.38%
100) IS3_Phenanthrene-d10        9.193  188    110507     4.000 ug/ml  # 0.00
    Standard Area 1 = 112339                 Recovery   =   98.37%

 System Monitoring Compounds

 Target Compounds                                                  Qvalue
 33) 1,4-Dioxane                 1.934   88     25064    10.465 ug/ml#    84
 34) n-Decane                    4.716   57     69691    10.288 ug/ml#    88
 87) Atrazine                    8.957  200     56048    10.874 ug/ml     98
101) n-Octadecane                9.163   57    108679    11.063 ug/ml     91
102) Parathion                   9.969  109     27770    11.673 ug/ml#    89
103) 3,3'-Dimethylbenzidine     11.257  212    223305    12.083 ug/ml     99
 -------------------------------------------------------------------------

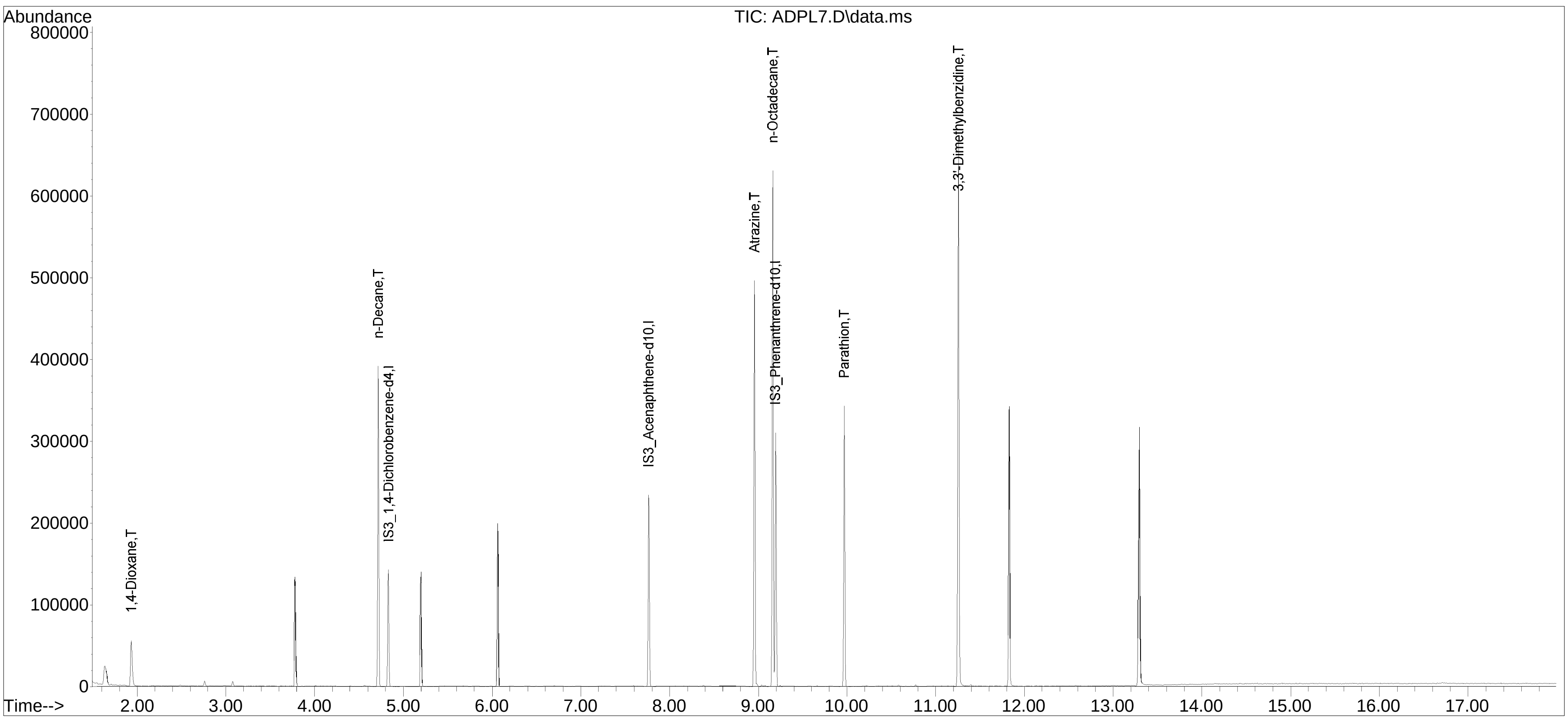
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL7.D
Acq On : 13 Mar 2025 10:31 pm
Operator : SV112:ljg
Sample : IL4,32,,ADPL10 Lot# 11445
Misc : WG2040627
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 14 08:10:08 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ADPL7.D                    Operator    : SV112:ljg
Date Inj'd  : 3/13/2025 10:31 pm         Instrument  : SV112
Sample      : IL4,32,,ADPL10 Lot# 11445 Quant Date  : 3/14/2025  8:02 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL6.D
Acq On    : 13 Mar 2025  10:53 pm
Operator  : SV112:ljg
Sample    : IL5,32,,ADPL5 Lot# 11446
Misc      : WG2040627
ALS Vial  : 24   Sample Multiplier: 1

Quant Time: Mar 14 07:57:37 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:21 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ADPL6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   4.834  152     22545     4.000 ug/ml    0.00
    Standard Area 1 = 22545                  Recovery   =  100.00%
 86) IS3_Acenaphthene-d10        7.763  164     49125     4.000 ug/ml    0.00
    Standard Area 1 = 49125                  Recovery   =  100.00%
100) IS3_Phenanthrene-d10        9.193  188    112339     4.000 ug/ml  # 0.00
    Standard Area 1 = 112339                  Recovery   =  100.00%

 System Monitoring Compounds

 Target Compounds                                                   Qvalue
 33) 1,4-Dioxane                 1.934   88      12199      5.000 ug/ml#    79
 34) n-Decane                    4.716   57      34505      5.000 ug/ml#    87
 87) Atrazine                    8.957  200      26463      5.000 ug/ml     97
101) n-Octadecane                9.163   57      49934      5.000 ug/ml     90
102) Parathion                   9.969  109      12092      5.000 ug/ml#    88
103) 3,3'-Dimethylbenzidine     11.257  212      93940      5.000 ug/ml     99
 ---------------------------------------------------------------------------

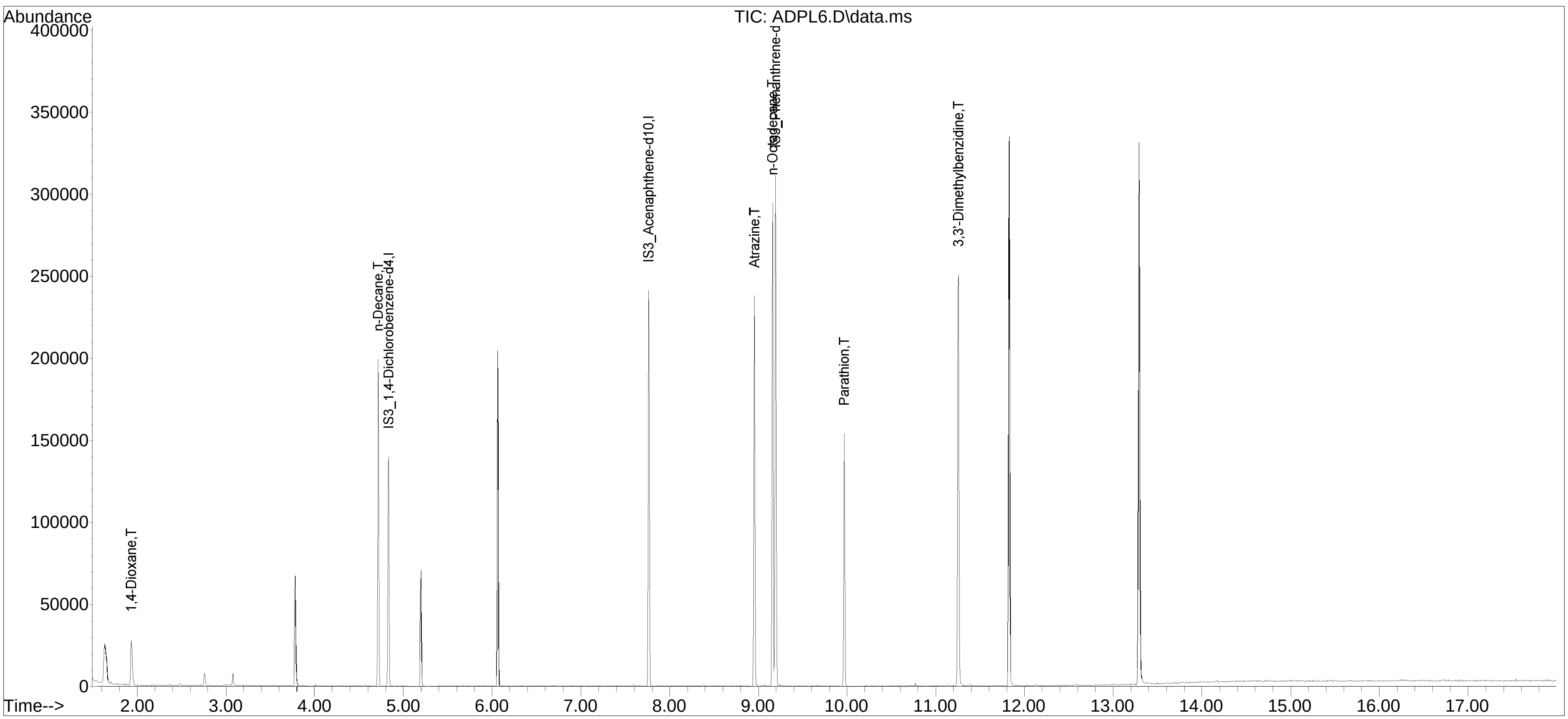
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL6.D
Acq On : 13 Mar 2025 10:53 pm
Operator : SV112:ljg
Sample : IL5,32,,ADPL5 Lot# 11446
Misc : WG2040627
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 14 07:57:37 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:21 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ADPL6.D                    Operator    : SV112:ljg
Date Inj'd  : 3/13/2025 10:53 pm         Instrument  : SV112
Sample      : IL5,32,,ADPL5 Lot# 11446  Quant Date  : 3/14/2025  7:58 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL5.D
Acq On    : 13 Mar 2025  11:16 pm
Operator  : SV112:ljg
Sample    : IL6,32,,ADPL2.5 Lot# 11447
Misc      : WG2040627
ALS Vial  : 25   Sample Multiplier: 1

Quant Time: Mar 14 08:09:21 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ADPL6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   4.834  152     20907     4.000 ug/ml    0.00
    Standard Area 1 = 22545                 Recovery   =   92.73%
 86) IS3_Acenaphthene-d10        7.763  164     45678     4.000 ug/ml    0.00
    Standard Area 1 = 49125                 Recovery   =   92.98%
100) IS3_Phenanthrene-d10        9.193  188    105105     4.000 ug/ml  # 0.00
    Standard Area 1 = 112339                 Recovery   =   93.56%

 System Monitoring Compounds

 Target Compounds                                                  Qvalue
 33) 1,4-Dioxane                 1.934   88      5896      2.606 ug/ml     88
 34) n-Decane                    4.716   57     15028      2.348 ug/ml#    87
 87) Atrazine                    8.957  200     11079      2.251 ug/ml     99
101) n-Octadecane                9.163   57     20861      2.233 ug/ml     91
102) Parathion                   9.969  109      5008      2.213 ug/ml#    89
103) 3,3'-Dimethylbenzidine     11.257  212     34123      1.941 ug/ml     99
 ------------------------------------------------------------------------

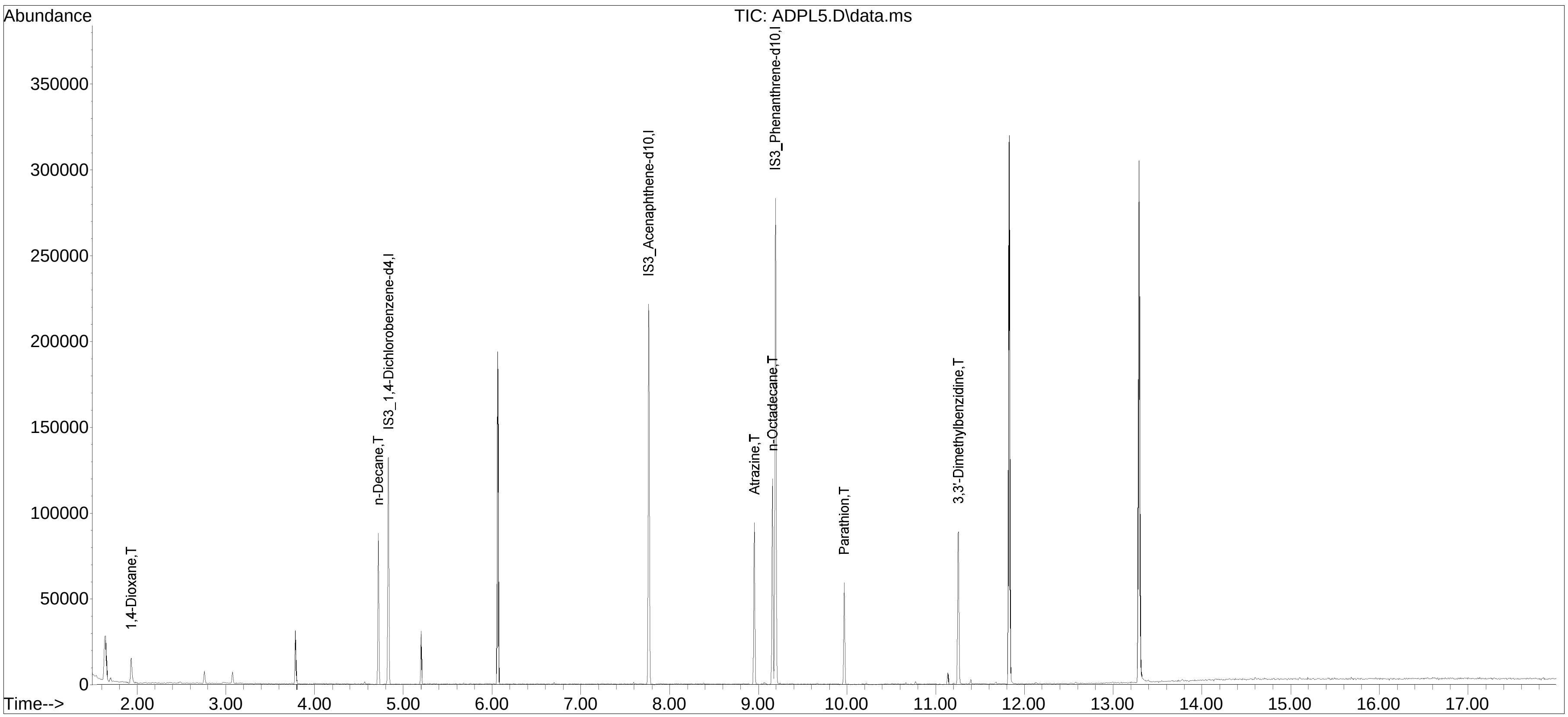
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL5.D
Acq On : 13 Mar 2025 11:16 pm
Operator : SV112:ljg
Sample : IL6,32,,ADPL2.5 Lot# 11447
Misc : WG2040627
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 14 08:09:21 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ADPL5.D                      Operator    : SV112:ljg
Date Inj'd  : 3/13/2025 11:16 pm           Instrument  : SV112
Sample      : IL6,32,,ADPL2.5 Lot# 11447Quant Date  : 3/14/2025  8:02 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL4.D
Acq On : 13 Mar 2025 11:39 pm
Operator : SV112:ljg
Sample : IL7,32,,ADPL1 Lot# 11448
Misc : WG2040627
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 14 08:08:41 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.834	152	21114	4.000 ug/ml	0.00
Standard Area 1 = 22545			Recovery =	93.65%	
86) IS3_Acenaphthene-d10	7.763	164	46143	4.000 ug/ml	0.00
Standard Area 1 = 49125			Recovery =	93.93%	
100) IS3_Phenanthrene-d10	9.193	188	102555	4.000 ug/ml	# 0.00
Standard Area 1 = 112339			Recovery =	91.29%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.934	88	2714	1.188 ug/ml#	77
34) n-Decane	4.716	57	7214	1.116 ug/ml#	88
87) Atrazine	8.957	200	4936	0.993 ug/ml	98
101) n-Octadecane	9.163	57	9084	0.996 ug/ml	91
102) Parathion	9.969	109	2173	0.984 ug/ml#	82
103) 3,3'-Dimethylbenzidine	11.257	212	12189	0.711 ug/ml	98

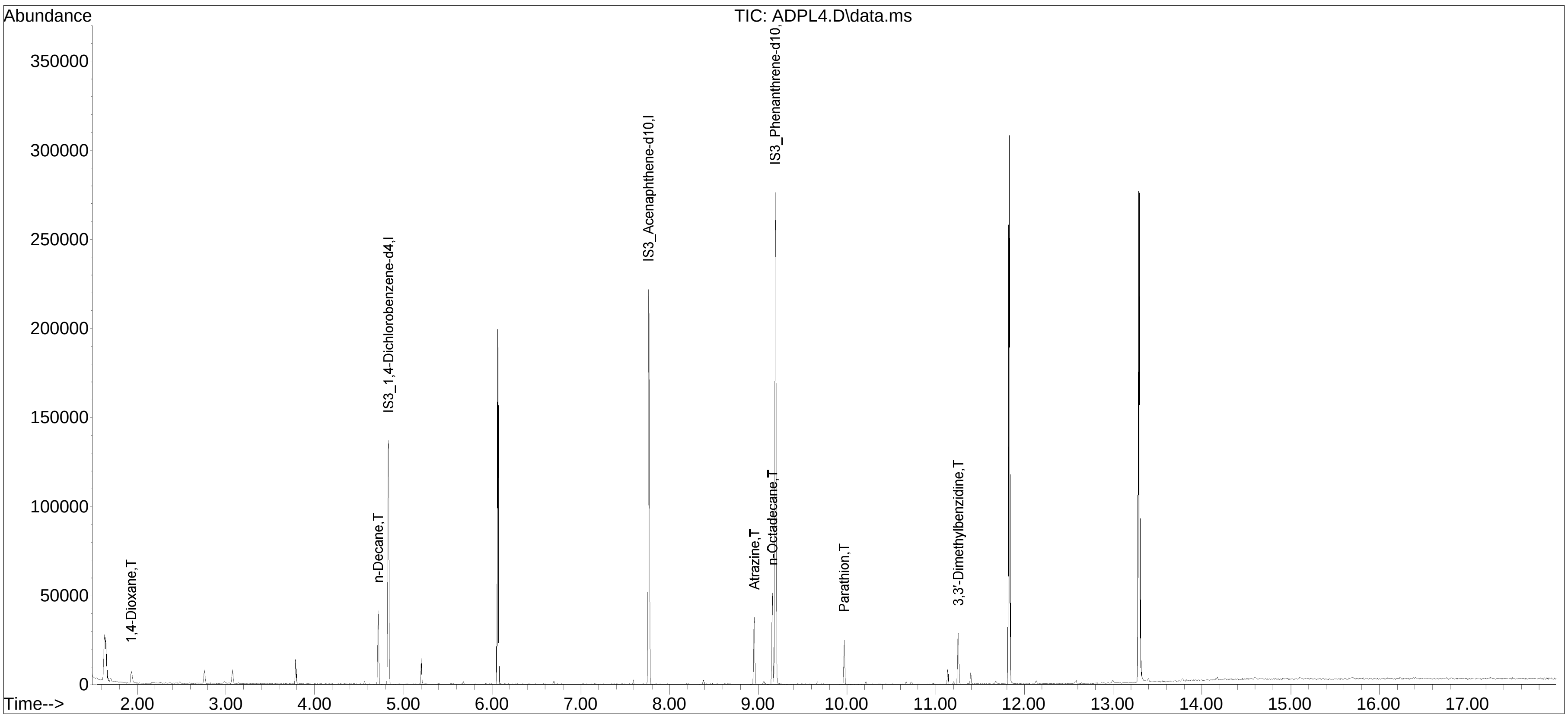
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL4.D
Acq On : 13 Mar 2025 11:39 pm
Operator : SV112:ljg
Sample : IL7,32,,ADPL1 Lot# 11448
Misc : WG2040627
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 14 08:08:41 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ADPL4.D                     Operator    : SV112:ljg
Date Inj'd  : 3/13/2025 11:39 pm          Instrument  : SV112
Sample      : IL7,32,,ADPL1 Lot# 11448  Quant Date  : 3/14/2025  8:02 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL3.D
Acq On : 14 Mar 2025 12:02 am
Operator : SV112:ljg
Sample : IL8,32,,ADPL0.5 Lot# 11449
Misc : WG2040627
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 14 08:08:09 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.834	152	21741	4.000 ug/ml	0.00
Standard Area 1 = 22545			Recovery =	96.43%	
86) IS3_Acenaphthene-d10	7.763	164	47030	4.000 ug/ml	0.00
Standard Area 1 = 49125			Recovery =	95.74%	
100) IS3_Phenanthrene-d10	9.193	188	104728	4.000 ug/ml	# 0.00
Standard Area 1 = 112339			Recovery =	93.22%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.934	88	1463	0.622 ug/ml#	68
34) n-Decane	4.716	57	4005	0.602 ug/ml	95
87) Atrazine	8.957	200	2596	0.512 ug/ml	96
101) n-Octadecane	9.163	57	4888	0.525 ug/ml#	88
102) Parathion	9.969	109	1333	0.591 ug/ml#	88
103) 3,3'-Dimethylbenzidine	11.251	212	5121	0.292 ug/ml	96

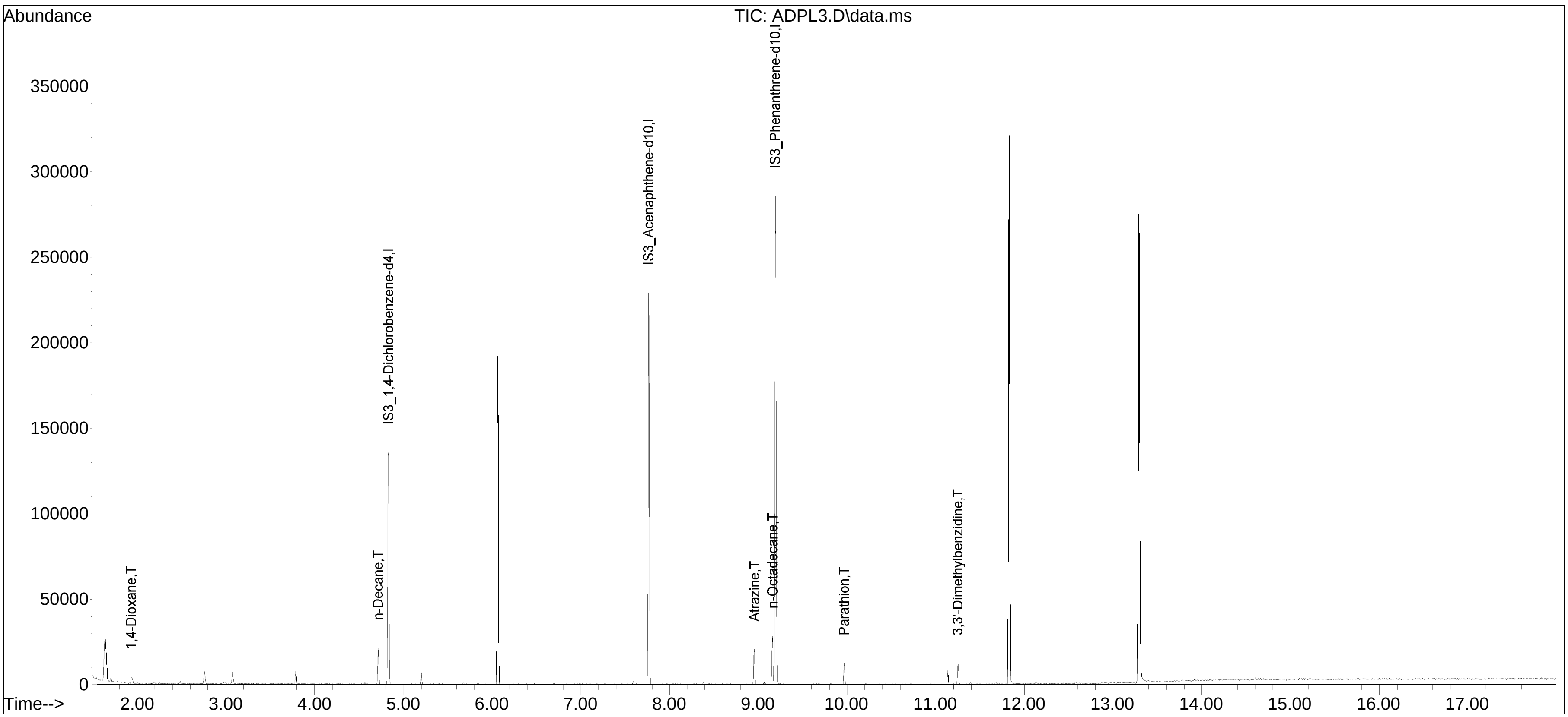
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL3.D
Acq On : 14 Mar 2025 12:02 am
Operator : SV112:ljg
Sample : IL8,32,,ADPL0.5 Lot# 11449
Misc : WG2040627
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 14 08:08:09 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\ADPL6.D•



Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ADPL3.D                   Operator    : SV112:ljg
Date Inj'd  : 3/14/2025 12:02 am        Instrument  : SV112
Sample      : IL8,32,,ADPL0.5 Lot# 11449Quant Date  : 3/14/2025  8:02 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL2.D
Acq On    : 14 Mar 2025  12:25 am
Operator  : SV112:ljg
Sample    : IL9,32,,ADPL0.2 Lot# 11450
Misc      : WG2040627
ALS Vial  : 28   Sample Multiplier: 1

Quant Time: Mar 14 08:06:20 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ADPL6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   4.834  152     22175     4.000 ug/ml    0.00
    Standard Area 1 = 22545                Recovery   =   98.36%
 86) IS3_Acenaphthene-d10        7.769  164     46198     4.000 ug/ml    0.00
    Standard Area 1 = 49125                Recovery   =   94.04%
100) IS3_Phenanthrene-d10        9.192  188    102840     4.000 ug/ml  # 0.00
    Standard Area 1 = 112339                Recovery   =   91.54%

 System Monitoring Compounds

 Target Compounds                                                     Qvalue
 33) 1,4-Dioxane                 1.946   88       488M2    0.203 ug/ml
 34) n-Decane                    4.716   57      1407      0.207 ug/ml#    85
 87) Atrazine                    8.957  200       915      0.184 ug/ml#    37
101) n-Octadecane                9.163   57      1705      0.186 ug/ml     91
102) Parathion                   9.969  109       365M2    0.165 ug/ml
103) 3,3'-Dimethylbenzidine      0.000               0      N.D.
 ---------------------------------------------------------------------------

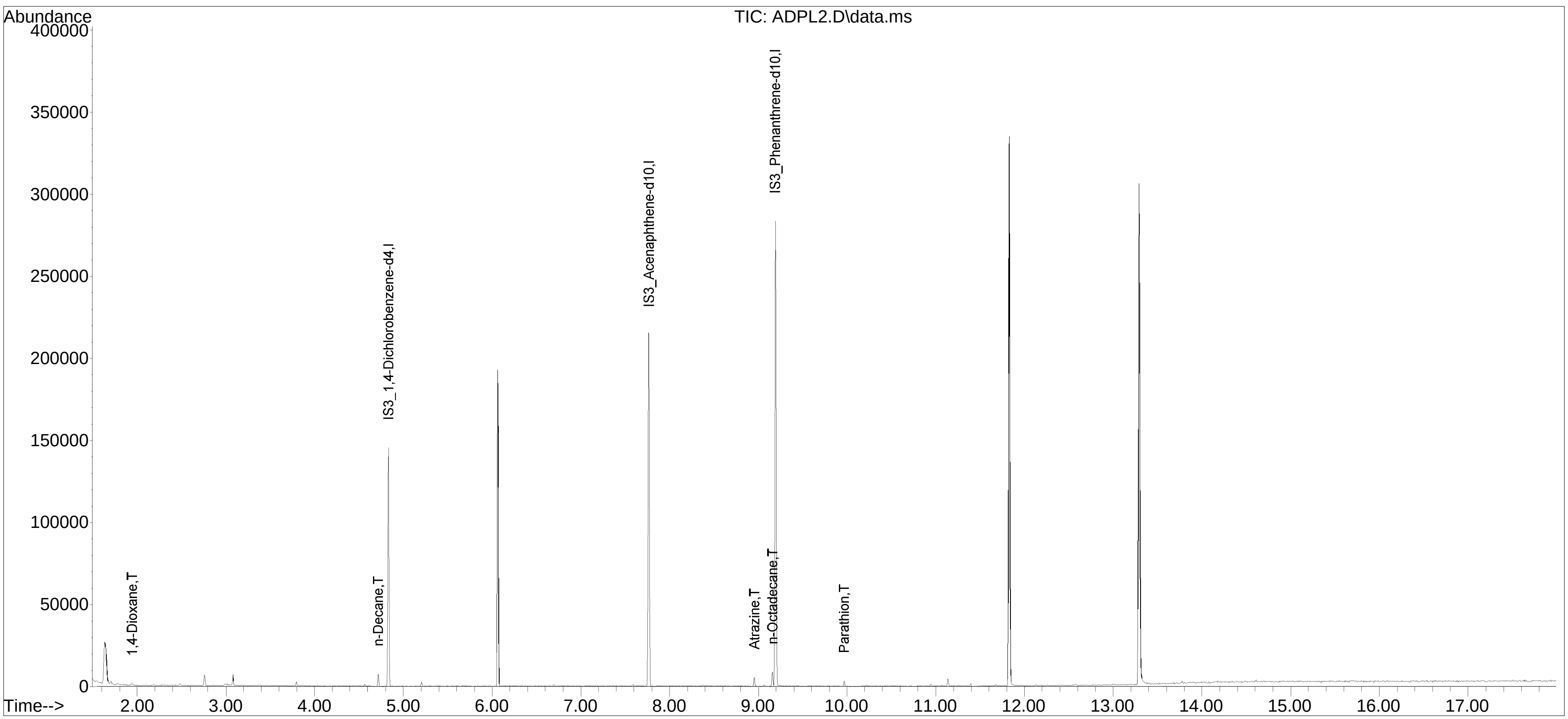
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL2.D
Acq On : 14 Mar 2025 12:25 am
Operator : SV112:ljg
Sample : IL9,32,,ADPL0.2 Lot# 11450
Misc : WG2040627
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 14 08:06:20 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\ADPL6.D•

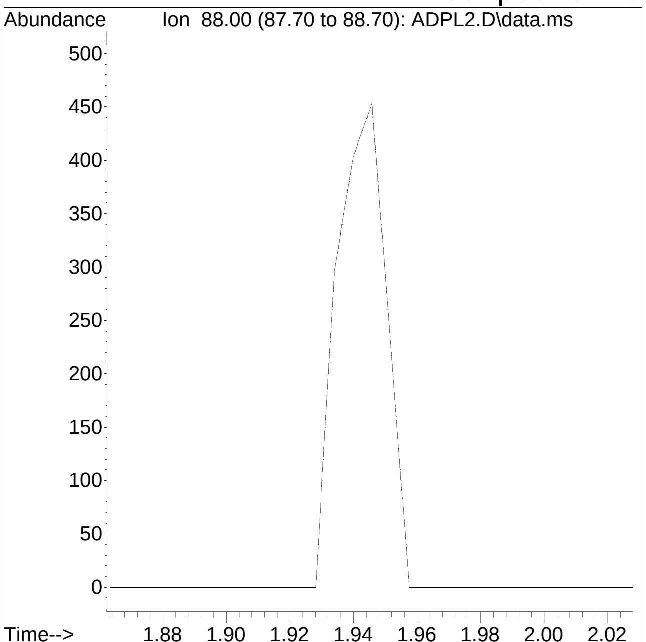


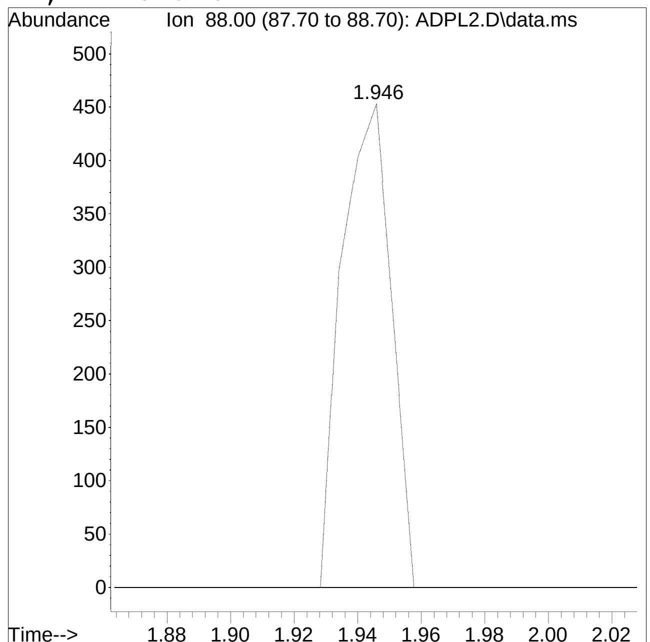
FS250313SV112RVT.m Fri Mar 14 11:25:40 2025 Page: 2

Manual Integration Report

```
Data Path    : I:\8270\SV112\250313RVTicaQMethod      : FS250313SV112RVT.m
Data File    : ADPL2.D                        Operator    : SV112:ljg
Date Inj'd   : 3/14/2025 12:25 am             Instrument  : SV112
Sample       : IL9,32,,ADPL0.2 Lot# 11450Quant Date  : 3/14/2025  8:01 am
```

Compound #33: 1,4-Dioxane





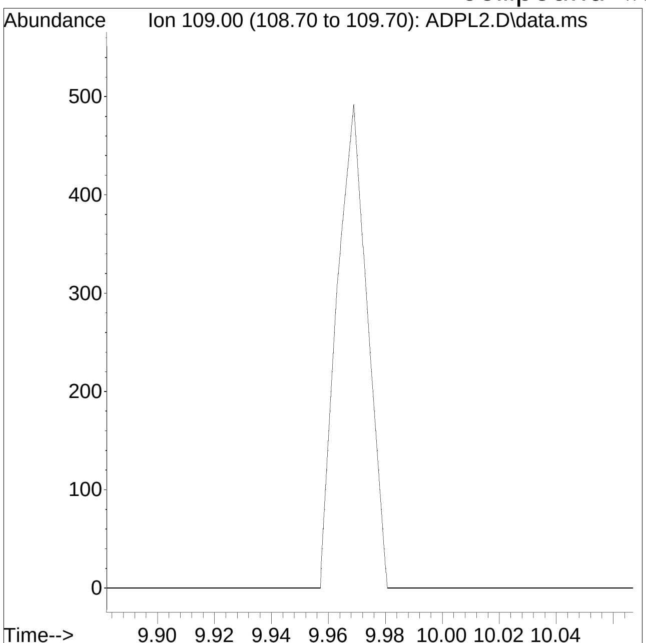
Original Peak Response = 0   Manual Peak Response = 488 M2

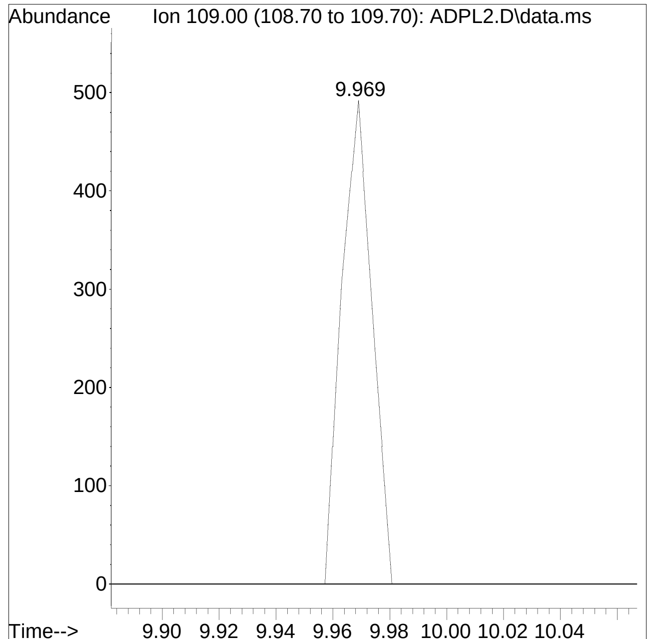
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ADPL2.D                   Operator    : SV112:ljg
Date Inj'd  : 3/14/2025 12:25 am        Instrument  : SV112
Sample      : IL9,32,,ADPL0.2 Lot# 11450Quant Date  : 3/14/2025  8:01 am
```

Compound #102: Parathion





Original Peak Response = 0 Manual Peak Response = 365 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL1.D
Acq On    : 14 Mar 2025  12:48 am
Operator  : SV112:ljg
Sample    : IL10,32,,ADPL0.1 Lot# 11451
Misc      : WG2040627
ALS Vial  : 29   Sample Multiplier: 1

Quant Time: Mar 14 08:04:08 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ADPL6.D
Sub List     : ADPical_REV2 - ADP sublist

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------------
 Internal Standards
 32) IS3_1,4-Dichlorobenzen...   4.834  152     20205     4.000 ug/ml    0.00
    Standard Area 1 = 22545                 Recovery   =   89.62%
 86) IS3_Acenaphthene-d10        7.769  164     43109     4.000 ug/ml    0.00
    Standard Area 1 = 49125                 Recovery   =   87.75%
100) IS3_Phenanthrene-d10        9.193  188     95866     4.000 ug/ml  # 0.00
    Standard Area 1 = 112339                 Recovery   =   85.34%

 System Monitoring Compounds

 Target Compounds                                                   Qvalue
 33) 1,4-Dioxane                 0.000                0        N.D.
 34) n-Decane                    4.716   57        674       0.109 ug/ml#    72
 87) Atrazine                    8.957  200        566       0.122 ug/ml#    37
101) n-Octadecane                9.163   57       1081       0.127 ug/ml     87
102) Parathion                   9.969  109        264M2     0.128 ug/ml
103) 3,3'-Dimethylbenzidine      0.000                0        N.D.
 ------------------------------------------------------------------------------

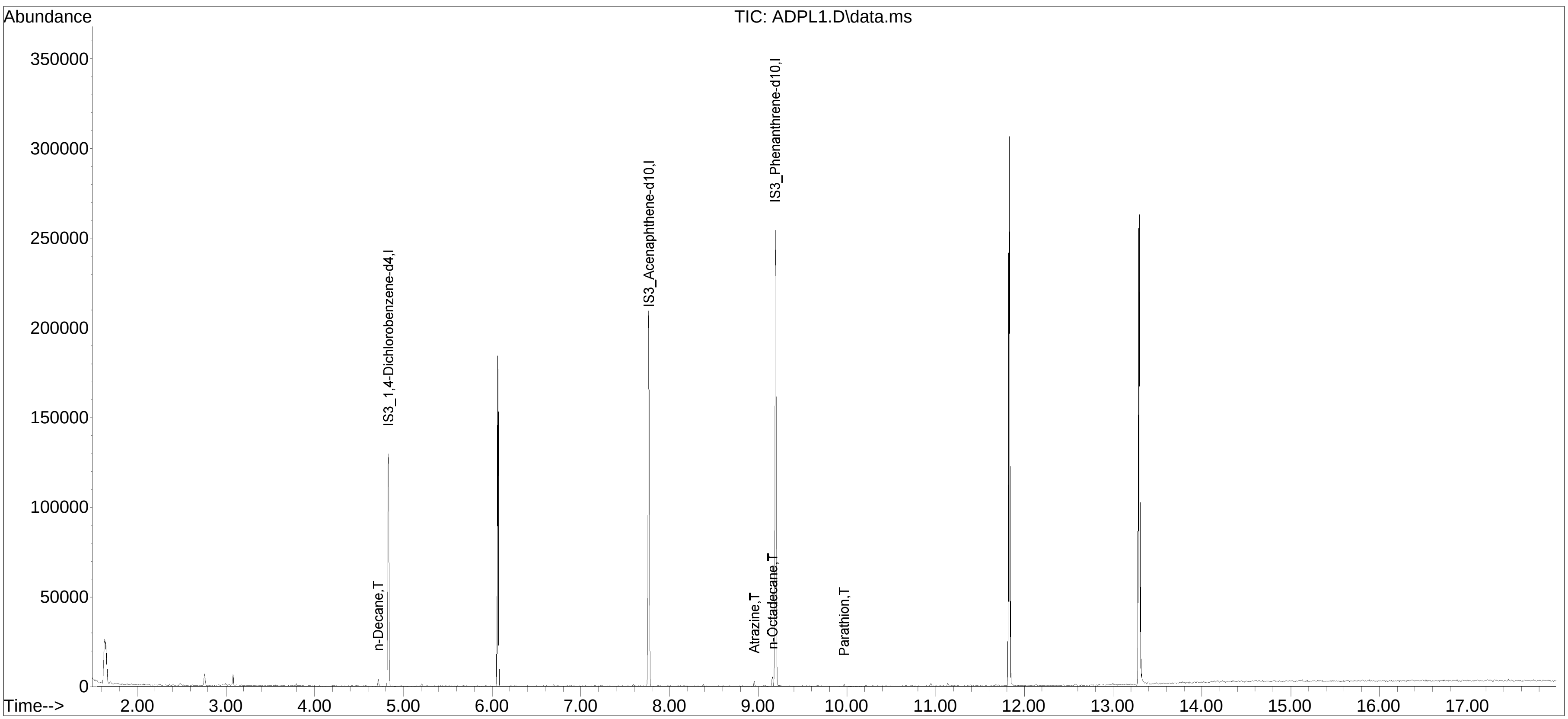
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPL1.D
Acq On : 14 Mar 2025 12:48 am
Operator : SV112:ljg
Sample : IL10,32,,ADPL0.1 Lot# 11451
Misc : WG2040627
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 14 08:04:08 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 07:58:18 2025
Response via : Initial Calibration

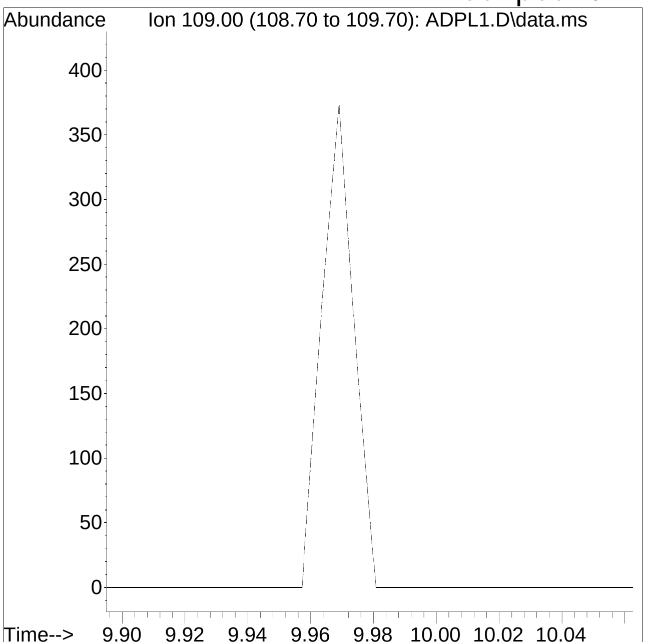
Sub List : ADPical_REV2 - ADP sublistTical\ADPL6.D•

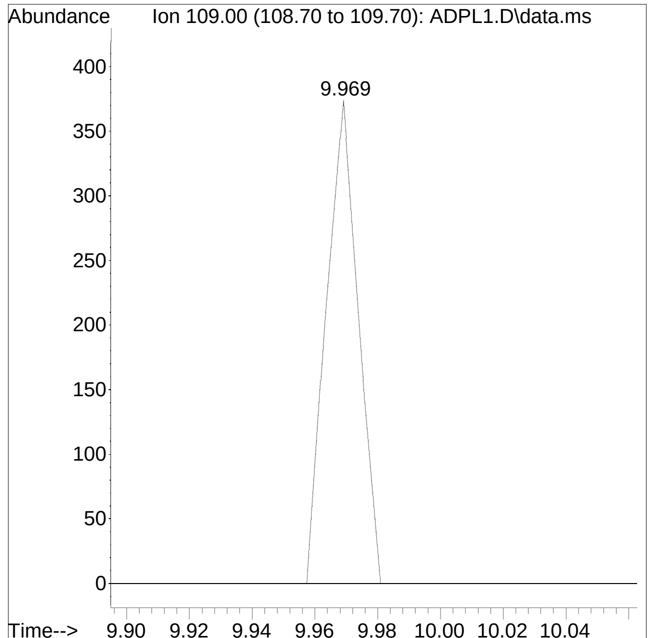


Manual Integration Report

Data Path	: I:\8270\SV112\250313RVTicaQ	Method	: FS250313SV112RVT.m
Data File	: ADPL1.D	Operator	: SV112:ljg
Date Inj'd	: 3/14/2025 12:48 am	Instrument	: SV112
Sample	: IL10,32,,ADPL0.1 Lot# 1145	Quant Date	: 3/14/2025 8:01 am

Compound #102: Parathion





Original Peak Response = 0

Manual Peak Response = 264 M2

M2 = Peak not found by automatic integration algorithm.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPICV.D
Acq On : 14 Mar 2025 01:11 am
Operator : SV112:ljg
Sample : CQICV,32,,ADPICV Lot# 11454
Misc : WG2040627
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 14 12:26:41 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:27:37 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	88	0.00
33	T	1,4-Dioxane		0.481	0.459	4.6	94	0.00
34	T	n-Decane		1.328	1.342	-1.1	97	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	89	0.00
87	T	Atrazine		0.470	0.470	0.0	98	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	92	0.00
101	T	n-Octadecane		0.389	0.378	2.8	98	0.00
102	T	Parathion	*	5.000	5.221	-4.4	96	0.00
103	T	3,3'-Dimethylbenzidine	*	5.000	4.412	11.8	94	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPICV.D
Acq On : 14 Mar 2025 01:11 am
Operator : SV112:ljg
Sample : CQICV,32,,ADPICV Lot# 11454
Misc : WG2040627
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 14 12:26:41 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:27:37 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\250313RVTical\ADPL6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.834	152	19949	4.000 ug/ml	0.00
Standard Area 1 = 22545			Recovery =	88.49%	
86) IS3_Acenaphthene-d10	7.769	164	43923	4.000 ug/ml	0.00
Standard Area 1 = 49125			Recovery =	89.41%	
100) IS3_Phenanthrene-d10	9.193	188	103514	4.000 ug/ml	# 0.00
Standard Area 1 = 112339			Recovery =	92.14%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.928	88	11454	4.771 ug/ml#	79
34) n-Decane	4.716	57	33464	5.051 ug/ml#	88
87) Atrazine	8.957	200	25826	5.007 ug/ml	97
101) n-Octadecane	9.163	57	48900	4.864 ug/ml	90
102) Parathion	9.969	109	11607	5.221 ug/ml#	90
103) 3,3'-Dimethylbenzidine	11.257	212	88391	4.412 ug/ml	98

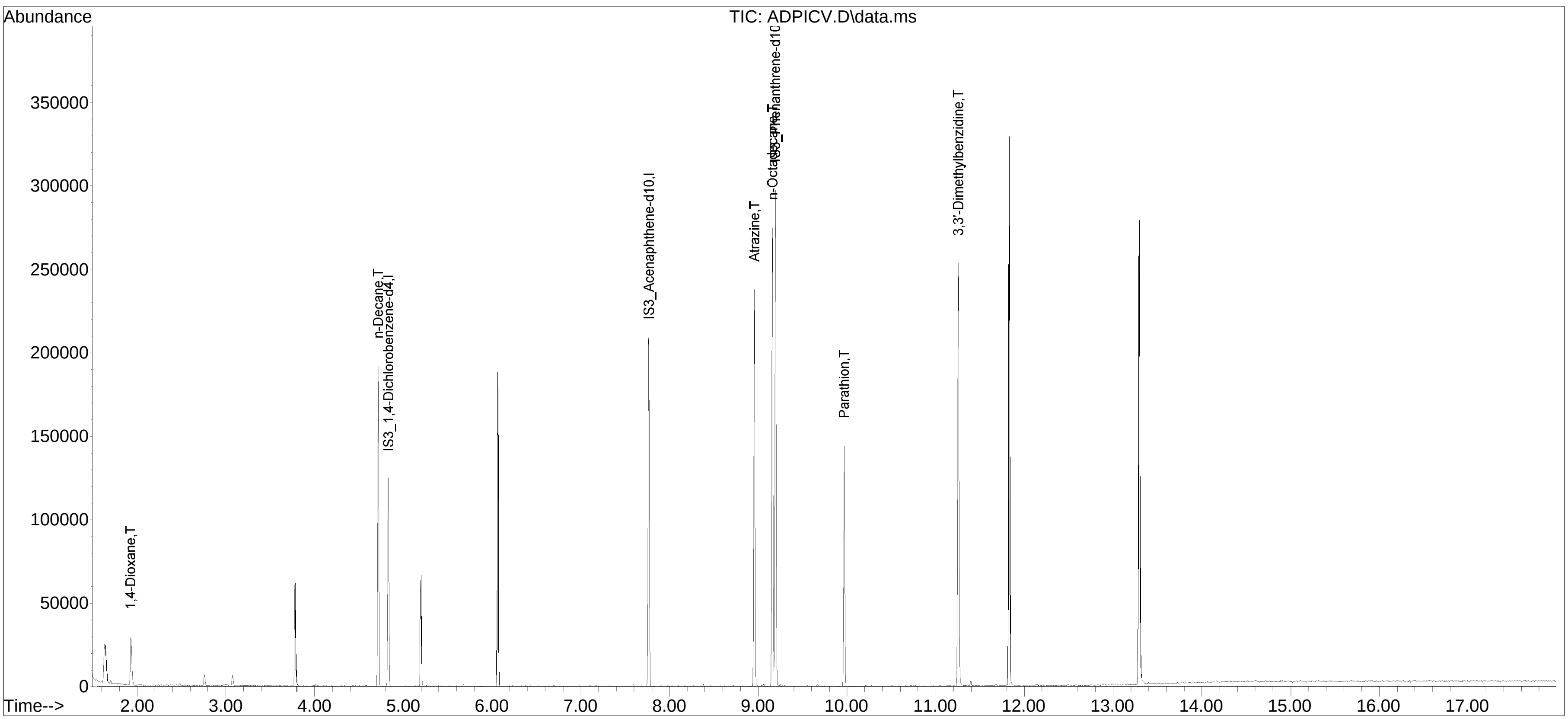
(#) = qualifier out of range (m) = manual integration (+) = signals summed

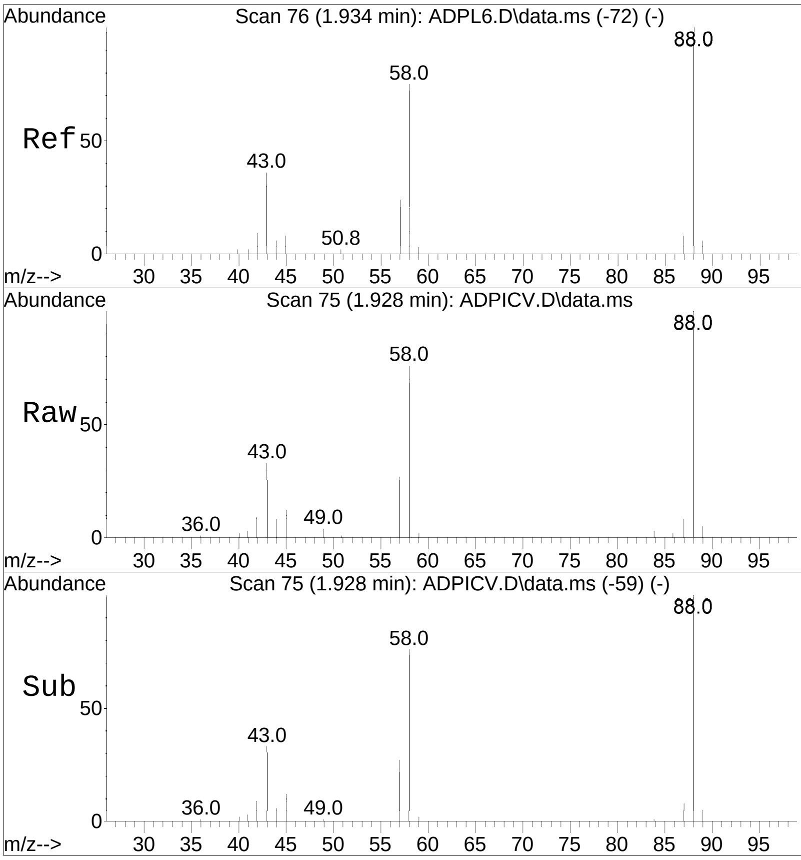
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250313RVTical\
Data File : ADPICV.D
Acq On : 14 Mar 2025 01:11 am
Operator : SV112:ljg
Sample : CQICV,32,,ADPICV Lot# 11454
Misc : WG2040627
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 14 12:26:41 2025
Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:27:37 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTical\ADPL6.D•

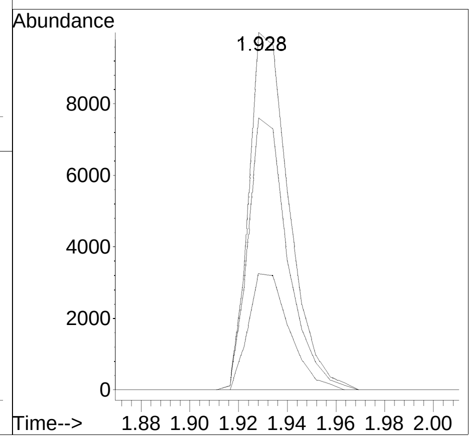


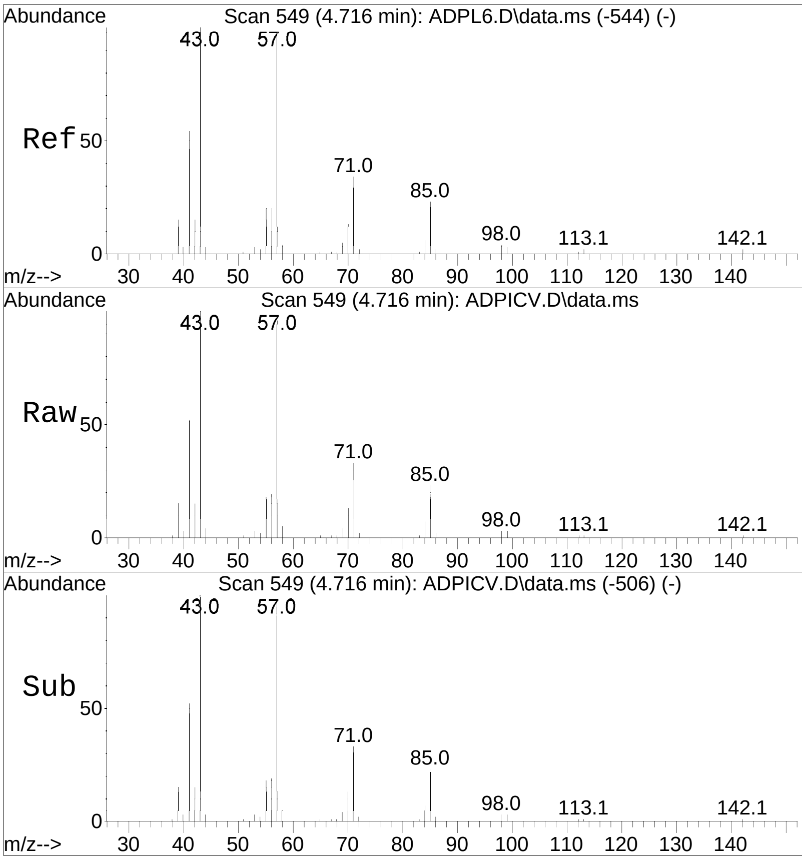


#33
1,4-Dioxane
Concen: 4.77 ug/ml
RT: 1.928 min Scan# 75
Delta R.T. -0.006 min
Lab File: ADPICV.D
Acq: 14 Mar 2025 01:11 am

Tgt Ion: 88 Resp: 11454

Ion	Ratio	Lower	Upper
88	100		
58	75.0	44.8	67.2#
43	33.3	22.4	33.6

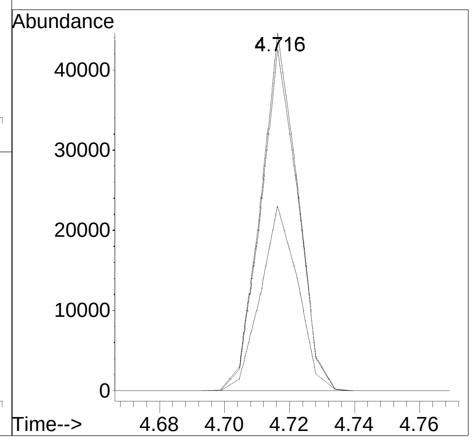


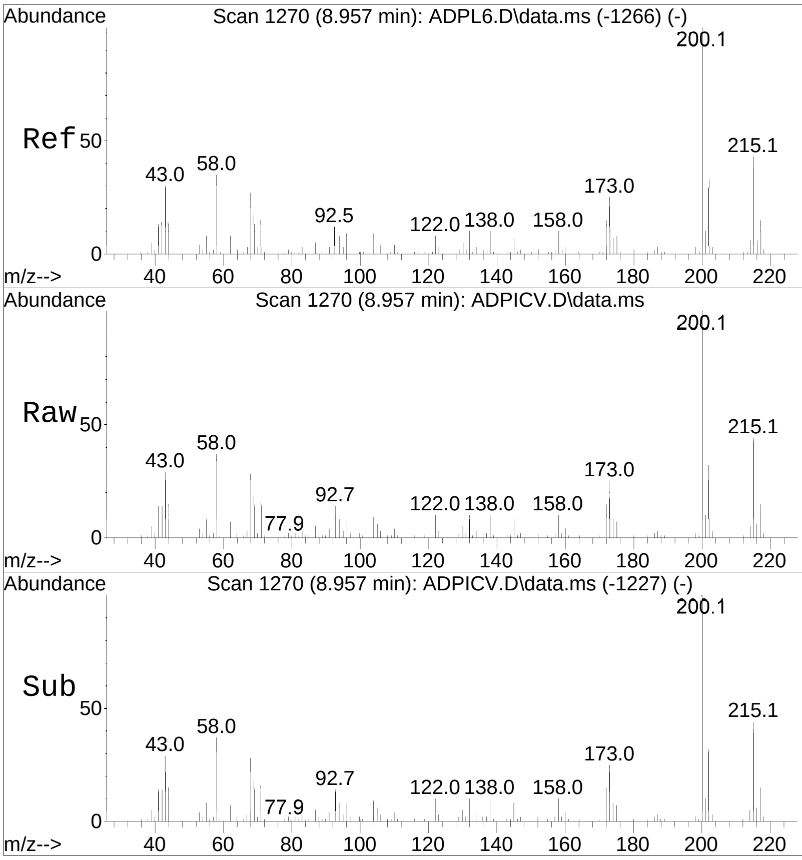


#34
n-Decane
Concen: 5.05 ug/ml
RT: 4.716 min Scan# 549
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 14 Mar 2025 01:11 am

Tgt Ion: 57 Resp: 33464

Ion	Ratio	Lower	Upper
57	100		
43	104.2	75.4	113.2
41	54.6	35.0	52.6#

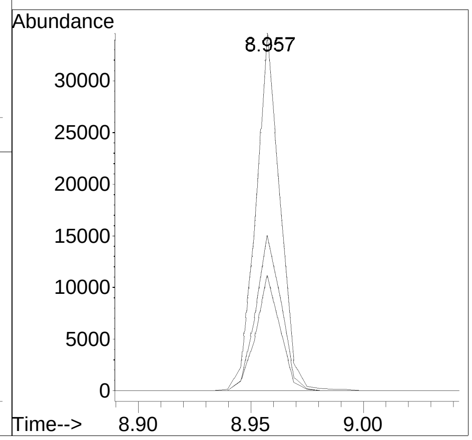


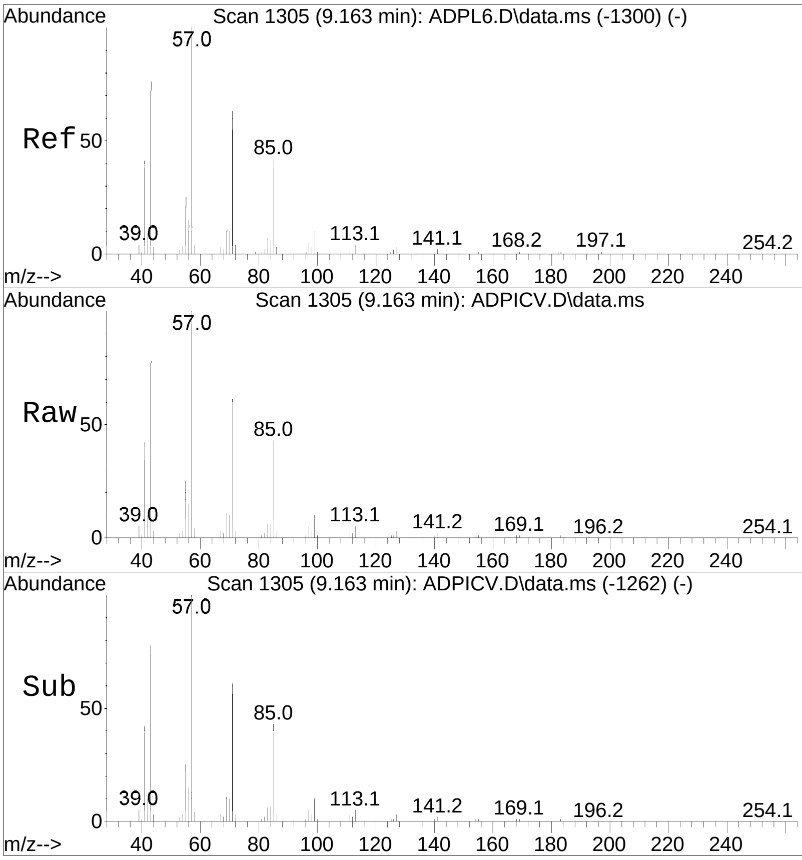


#87
Atrazine
Concen: 5.01 ug/ml
RT: 8.957 min Scan# 1270
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 14 Mar 2025 01:11 am

Tgt Ion:200 Resp: 25826

Ion	Ratio	Lower	Upper
200	100		
202	32.4	25.0	37.6
215	45.2	34.5	51.7

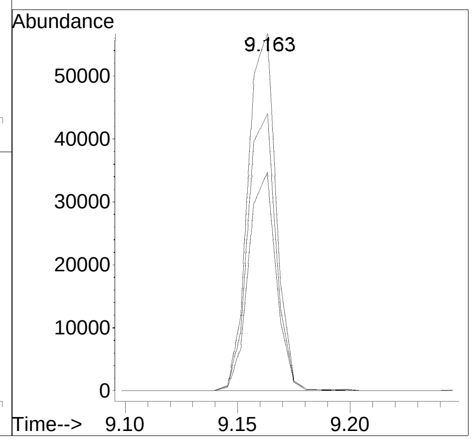


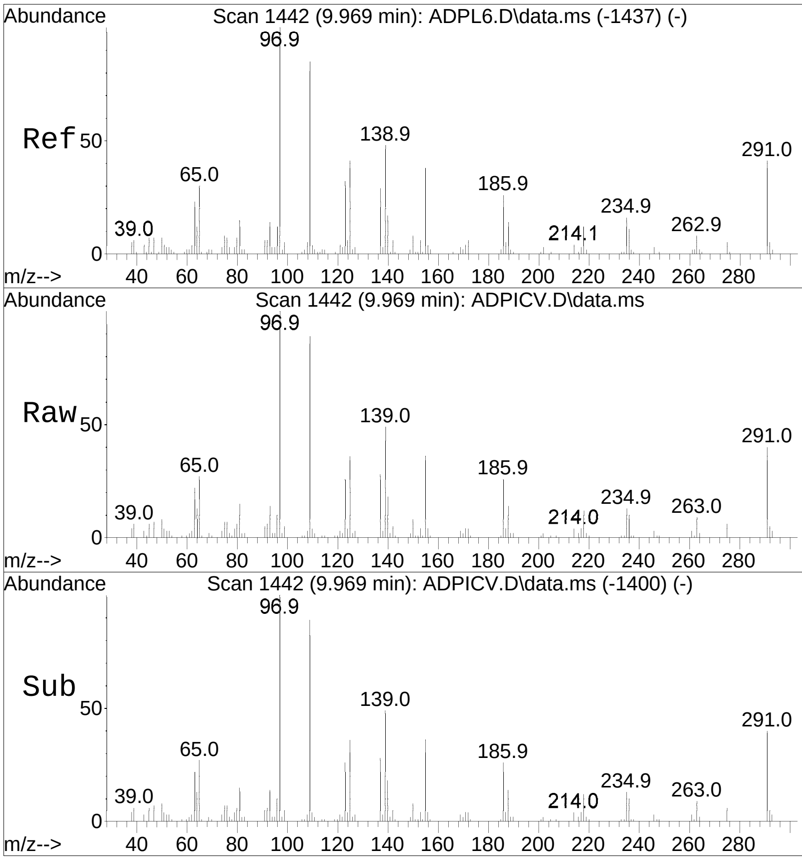


#101
n-Octadecane
Concen: 4.86 ug/ml
RT: 9.163 min Scan# 1305
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 14 Mar 2025 01:11 am

Tgt Ion: 57 Resp: 48900

Ion	Ratio	Lower	Upper
57	100		
43	78.4	54.3	81.5
71	60.5	45.1	67.7

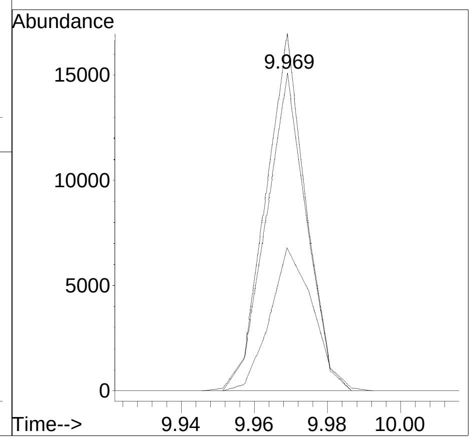


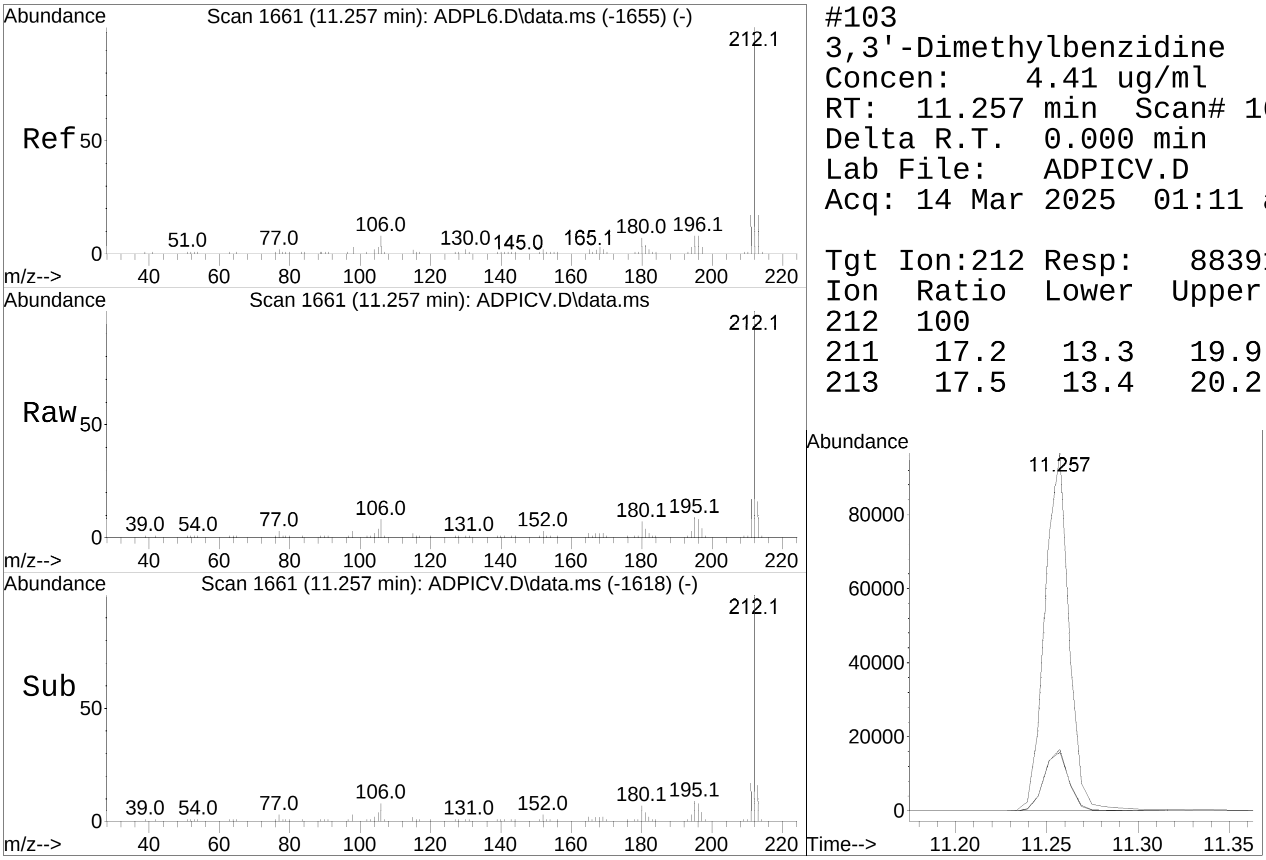


#102
Parathion
Concen: 5.22 ug/ml
RT: 9.969 min Scan# 1442
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 14 Mar 2025 01:11 am

Tgt Ion:109 Resp: 11607

Ion	Ratio	Lower	Upper
109	100		
97	111.3	85.4	128.2
291	48.0	25.4	38.2#





#103
3,3'-Dimethylbenzidine
Concen: 4.41 ug/ml
RT: 11.257 min Scan# 1661
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 14 Mar 2025 01:11 am

Tgt Ion:212 Resp: 88391

Ion	Ratio	Lower	Upper
212	100		
211	17.2	13.3	19.9
213	17.5	13.4	20.2

Manual Integration Report

```
Data Path   : I:\8270\SV112\250313RVTicaQMethod     : FS250313SV112RVT.m
Data File   : ADPICV.D                Operator    : SV112:ljg
Date Inj'd  : 3/14/2025  1:11 am      Instrument  : SV112
Sample      : CQICV,32,,ADPICV Lot# 1145Quant Date  : 3/14/2025 12:27 pm
```

There are no manual integrations or false positives in this file.

Evaluate Relative Error Report SV112

Method Path : I:\8270\SV112\250313RVTical\
Method File : FS250313SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Mar 14 09:19:55 2025

COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
37 T Benzoic Acid	L	ug/ml	5.0	4.248	-15.0	0.50	0.720	44.0
60 T Caprolactam	L	ug/ml	5.0	4.217	-15.7	0.20	0.291	45.5
66 T 2,4-Dinitrophenol	L	ug/ml	5.0	4.342	-13.2	0.20	0.289	44.5
102 T Parathion	Q	ug/ml	5.0	5.039	0.8	0.50	0.521	4.2
103 T 3,3'-Dimethylbenzidine	L	ug/ml	5.0	4.343	-13.1	2.50	2.356	-5.8

Calibration Correlation Report

COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
37 T Benzoic Acid	Linear	0.992779	0.000000	0.262833	-0.0388273
60 T Caprolactam	Linear	0.993163	0.000000	0.163263	-0.00822649
66 T 2,4-Dinitrophenol	Linear	0.995654	0.000000	0.202978	-0.0106744
102 T Parathion	Quadratic	0.999898	0.012669	0.0664226	0.00385312
103 T 3,3'-Dimethylbenzidine	Linear	0.991593	0.000000	1.02948	-0.281637

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504	
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:03	
Lab File ID	: ABN0313	**Init. Calib. Date(s)**	: 03/11/25	03/12/25
Sample No	: WG2040166-3	**Init. Calib. Times**	: 16:50	06:06
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
n-Nitrosodimethylamine	0.718	0.729	-	-1.5	20	111	0
Pyridine	1.251	0.961	-	23.2*	20	90	0
2-Fluorophenol	1.128	1.061	-	5.9	20	103	0
Aniline	1.738	1.776	-	-2.2	20	105	0
2-Chlorophenol	1.218	1.195	-	1.9	20	107	0
Phenol-d6	1.323	1.297	-	2	20	106	0
Phenol	1.459	1.451	-	0.5	20	109	0
Bis(2-chloroethyl)ether	1.159	1.182	-	-2	20	112	0
1,3-Dichlorobenzene	1.54	1.458	-	5.3	20	107	0
1,4-Dichlorobenzene	1.574	1.509	-	4.1	20	105	0
1,2-Dichlorobenzene	1.49	1.452	-	2.6	20	109	0
Benzyl alcohol	0.91	0.891	-	2.1	20	106	0
Bis(2-chloroisopropyl)ethe	2.704	2.936	-	-8.6	20	121	0
2-Methylphenol	1.283	1.25	-	2.6	20	109	0
Hexachloroethane	0.546	0.533	-	2.4	20	106	0
n-Nitrosodi-n-propylamine	0.855	0.856	-	-0.1	20	108	0
3-Methylphenol/4-Methylphe	1.11	1.135	-	-2.3	20	110	0
Nitrobenzene-d5	1.096	1.138	-	-3.8	20	111	0
Nitrobenzene	1.118	1.204	-	-7.7	20	113	0
Isophorone	2.296	2.3	-	-0.2	20	108	0
2-Nitrophenol	0.509	0.527	-	-3.5	20	110	0
2,4-Dimethylphenol	1.198	1.215	-	-1.4	20	106	0
Bis(2-chloroethoxy)methane	1.639	1.269	-	22.6*	20	93	0
2,4-Dichlorophenol	1.137	1.145	-	-0.7	20	106	0
1,2,4-Trichlorobenzene	1.457	1.381	-	5.2	20	107	0
IS1_Naphthalene-d8	1	1	-	0	20	113	0
Naphthalene	1.066	1.011	-	5.2	20	112	0
Benzoic Acid	5	3.27	-	34.6*	20	95	0
4-Chloroaniline	0.132	0.128	-	3	20	109	0
Hexachlorobutadiene	0.244	0.225	-	7.8	20	106	0
p-Chloro-m-cresol	0.325	0.292	-	10.2	20	106	0
2-Methylnaphthalene	0.638	0.616	-	3.4	20	111	0
1-Methylnaphthalene	0.245	0.224	-	8.6	20	108	0
Hexachlorocyclopentadiene	0.3	0.264	-	12	20	100	0
2,4,6-Trichlorophenol	0.251	0.223	-	11.2	20	100	0
2,4,5-Trichlorophenol	0.255	0.257	-	-0.8	20	110	0
2-Fluorobiphenyl	0.923	0.846	-	8.3	20	107	0
2-Chloronaphthalene	0.756	0.701	-	7.3	20	108	0
2-Nitroaniline	0.166	0.166	-	0	20	108	0
1,4-Dinitrobenzene	5	3.259	-	34.8*	20	63	0
1,3-Dinitrobenzene	0.104	0.096	-	7.7	20	108	0
Dimethyl phthalate	0.908	0.85	-	6.4	20	106	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Calibration Date	: 03/13/25 11:03
Lab File ID	: ABN0313	Init. Calib. Date(s)	: 03/11/25 03/12/25
Sample No	: WG2040166-3	Init. Calib. Times	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.201	1.118	-	6.9	20	107	0
2,6-Dinitrotoluene	0.151	0.164	-	-8.6	20	104	0
1,2-Dinitrobenzene	0.063	0.066	-	-4.8	20	106	0
IS1_Acenaphthene-d10	1	1	-	0	20	106	0
3-Nitroaniline	0.252	0.269	-	-6.7	20	108	0
Acenaphthene	1.101	1.045	-	5.1	20	108	0
2,4-Dinitrophenol	5	4.576	-	8.5	20	108	0
Dibenzofuran	1.914	1.738	-	9.2	20	109	0
2,4-Dinitrotoluene	5	4.809	-	3.8	20	107	0
4-Nitrophenol	0.192	0.202	-	-5.2	20	108	0
2,3,5,6-Tetrachlorophenol	0.365	0.48	-	-31.5*	20	144	0
2,3,4,6-Tetrachlorophenol	0.344	0.337	-	2	20	102	0
Diethyl phthalate	1.359	1.307	-	3.8	20	103	0
Fluorene	1.41	1.358	-	3.7	20	107	0
4-Chlorophenyl phenyl ethe	0.738	0.689	-	6.6	20	106	0
4-Nitroaniline	0.246	0.279	-	-13.4	20	114	0
4,6-Dinitro-o-cresol	5	4.31	-	13.8	20	107	0
NDPA/DPA	1.176	1.128	-	4.1	20	106	0
Azobenzene	1.121	1.165	-	-3.9	20	111	0
2,4,6-Tribromophenol	0.206	0.189	-	8.3	20	94	0
4-Bromophenyl phenyl ether	0.463	0.428	-	7.6	20	103	0
Hexachlorobenzene	0.543	0.486	-	10.5	20	103	0
Pentachlorophenol	0.282	0.257	-	8.9	20	98	0
IS1_Phenanthrene-d10	1	1	-	0	20	107	0
Phenanthrene	1.135	1.078	-	5	20	108	0
Anthracene	1.107	1.077	-	2.7	20	106	0
Carbazole	0.989	0.986	-	0.3	20	106	0
Di-n-butylphthalate	1.116	1.239	-	-11	20	119	0
Fluoranthene	1.298	1.268	-	2.3	20	108	0
Benzidine	0.704	0.746	-	-6	20	108	0
Pyrene	1.359	1.341	-	1.3	20	108	0
4-Terphenyl-d14	1.038	0.977	-	5.9	20	105	0
Butyl benzyl phthalate	5	4.197	-	16.1	20	103	0
IS1_Chrysene-d12	1	1	-	0	20	106	0
Benzo(a)anthracene	1.278	1.252	-	2	20	108	0
3,3'-Dichlorobenzidine	0.429	0.446	-	-4	20	103	0
Chrysene	1.267	1.184	-	6.6	20	105	0
Bis(2-ethylhexyl)phthalate	5	4.472	-	10.6	20	104	0
Di-n-octylphthalate	5	4.133	-	17.3	20	101	0
Benzo(b)fluoranthene	1.314	1.203	-	8.4	20	95	0
Benzo(k)fluoranthene	1.222	1.174	-	3.9	20	104	0
Benzo(a)pyrene	1.157	1.091	-	5.7	20	98	0
IS1_Perylene-d12	1	1	-	0	20	100	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:03
Lab File ID	: ABN0313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-3	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.068	1.126	-	-5.4	20	99	0
Dibenzo(a,h)anthracene	1.063	1.085	-	-2.1	20	99	0
Benzo(ghi)perylene	1.047	1.074	-	-2.6	20	101	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:27
Lab File ID	: AP90313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-4	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
Benzaldehyde	0.954	0.85	-	10.9	20	91	0
Acetophenone	1.646	1.733	-	-5.3	20	105	0
m-Toluidine	1.514	1.529	-	-1	20	99	0
2-Chloroaniline	1.481	1.589	-	-7.3	20	109	0
IS2_Naphthalene-d8	1	1	-	0	20	101	0
a-Terpineol	0.275	0.308	-	-12	20	115	0
3-Chloroaniline	0.139	0.15	-	-7.9	20	108	0
2,6-Dichlorophenol	0.27	0.286	-	-5.9	20	110	0
1-chloro-2-nitrobenzene	0.108	0.125	-	-15.7	20	122	0
Caprolactam	0.165	0.174	-	-5.5	20	119	0
1,2,4,5-Tetrachlorobenzene	0.401	0.409	-	-2	20	108	0
Biphenyl	0.885	0.907	-	-2.5	20	109	0
IS2_Acenaphthene-d10	1	1	-	0	20	103	0
Dichloran	5	5.77	-	-15.4	20	129	0
Pentachloronitrobenzene	0.144	0.16	-	-11.1	20	124	0
IS2_Phenanthrene-d10	1	1	-	0	20	102	0
Diphenamid	0.413	0.458	-	-10.9	20	109	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**		
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**		
Instrument ID	**: SV106**	**Calibration Date**	**: 03/13/25 11:50**		
Lab File ID	**: ADP0313**	**Init. Calib. Date(s)**	**: 03/11/25**	**03/12/25**	
Sample No	**: WG2040166-5**	**Init. Calib. Times**	**: 16:50**	**06:06**	
Channel	**:**				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
1,4-Dioxane	0.548	0.453	-	17.3	20	98	0
n-Decane	1.7	1.615	-	5	20	104	0
IS3_Acenaphthene-d10	1	1	-	0	20	104	0
Atrazine	0.366	0.312	-	14.8	20	97	0
IS3_Phenanthrene-d10	1	1	-	0	20	104	0
n-Octadecane	0.458	0.45	-	1.7	20	107	0
Parathion	5	5.766	-	-15.3	20	122	0
3,3'-Dimethylbenzidine	5	4.306	-	13.9	20	101	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Calibration Date	: 03/13/25 20:06
Lab File ID	: ABN0313N	Init. Calib. Date(s)	: 03/11/25 03/12/25
Sample No	: WG2040337-3	Init. Calib. Times	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
n-Nitrosodimethylamine	0.718	0.71	-	1.1	20	109	0
Pyridine	1.251	0.894	-	28.5*	20	83	0
2-Fluorophenol	1.128	1.033	-	8.4	20	100	0
Aniline	1.738	1.768	-	-1.7	20	105	0
2-Chlorophenol	1.218	1.182	-	3	20	106	0
Phenol-d6	1.323	1.261	-	4.7	20	104	0
Phenol	1.459	1.427	-	2.2	20	108	0
Bis(2-chloroethyl)ether	1.159	1.151	-	0.7	20	109	0
1,3-Dichlorobenzene	1.54	1.482	-	3.8	20	109	0
1,4-Dichlorobenzene	1.574	1.514	-	3.8	20	106	0
1,2-Dichlorobenzene	1.49	1.431	-	4	20	108	0
Benzyl alcohol	0.91	0.888	-	2.4	20	105	0
Bis(2-chloroisopropyl)ethe	2.704	3.038	-	-12.4	20	125	0
2-Methylphenol	1.283	1.23	-	4.1	20	108	0
Hexachloroethane	0.546	0.532	-	2.6	20	106	0
n-Nitrosodi-n-propylamine	0.855	0.834	-	2.5	20	106	0
3-Methylphenol/4-Methylphe	1.11	1.109	-	0.1	20	107	0
Nitrobenzene-d5	1.096	1.097	-	-0.1	20	107	0
Nitrobenzene	1.118	1.164	-	-4.1	20	110	0
Isophorone	2.296	2.233	-	2.7	20	105	0
2-Nitrophenol	0.509	0.506	-	0.6	20	106	0
2,4-Dimethylphenol	1.198	1.173	-	2.1	20	103	0
Bis(2-chloroethoxy)methane	1.639	1.494	-	8.8	20	109	0
2,4-Dichlorophenol	1.137	1.109	-	2.5	20	103	0
1,2,4-Trichlorobenzene	1.457	1.355	-	7	20	105	0
IS1_Naphthalene-d8	1	1	-	0	20	110	0
Naphthalene	1.066	1.02	-	4.3	20	110	0
Benzoic Acid	5	3.646	-	27.1*	20	105	0
4-Chloroaniline	0.132	0.129	-	2.3	20	107	0
Hexachlorobutadiene	0.244	0.224	-	8.2	20	103	0
p-Chloro-m-cresol	0.325	0.305	-	6.2	20	108	0
2-Methylnaphthalene	0.638	0.631	-	1.1	20	111	0
1-Methylnaphthalene	0.245	0.227	-	7.3	20	107	0
Hexachlorocyclopentadiene	0.3	0.261	-	13	20	96	0
2,4,6-Trichlorophenol	0.251	0.237	-	5.6	20	103	0
2,4,5-Trichlorophenol	0.255	0.242	-	5.1	20	101	0
2-Fluorobiphenyl	0.923	0.854	-	7.5	20	105	0
2-Chloronaphthalene	0.756	0.713	-	5.7	20	107	0
2-Nitroaniline	0.166	0.168	-	-1.2	20	106	0
1,4-Dinitrobenzene	5	4.237	-	15.3	20	90	0
1,3-Dinitrobenzene	0.104	0.098	-	5.8	20	108	0
Dimethyl phthalate	0.908	0.863	-	5	20	105	0

* Value outside of QC limits.

Pace

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504	
Instrument ID	: SV106	Calibration Date	: 03/13/25 20:06	
Lab File ID	: ABN0313N	Init. Calib. Date(s)	: 03/11/25	03/12/25
Sample No	: WG2040337-3	Init. Calib. Times	: 16:50	06:06
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.201	1.138	-	5.2	20	106	0
2,6-Dinitrotoluene	0.151	0.171	-	-13.2	20	106	0
1,2-Dinitrobenzene	0.063	0.068	-	-7.9	20	107	0
IS1_Acenaphthene-d10	1	1	-	0	20	104	0
3-Nitroaniline	0.252	0.276	-	-9.5	20	108	0
Acenaphthene	1.101	1.036	-	5.9	20	105	0
2,4-Dinitrophenol	5	4.966	-	0.7	20	115	0
Dibenzofuran	1.914	1.752	-	8.5	20	108	0
2,4-Dinitrotoluene	5	4.745	-	5.1	20	103	0
4-Nitrophenol	0.192	0.203	-	-5.7	20	107	0
2,3,5,6-Tetrachlorophenol	0.365	0.477	-	-30.7*	20	140	0
2,3,4,6-Tetrachlorophenol	0.344	0.327	-	4.9	20	97	0
Diethyl phthalate	1.359	1.306	-	3.9	20	101	0
Fluorene	1.41	1.35	-	4.3	20	104	0
4-Chlorophenyl phenyl ethe	0.738	0.685	-	7.2	20	103	0
4-Nitroaniline	0.246	0.269	-	-9.3	20	107	0
4,6-Dinitro-o-cresol	5	4.234	-	15.3	20	103	0
NDPA/DPA	1.176	1.15	-	2.2	20	105	0
Azobenzene	1.121	1.187	-	-5.9	20	111	0
2,4,6-Tribromophenol	0.206	0.19	-	7.8	20	92	0
4-Bromophenyl phenyl ether	0.463	0.42	-	9.3	20	99	0
Hexachlorobenzene	0.543	0.495	-	8.8	20	103	0
Pentachlorophenol	0.282	0.26	-	7.8	20	97	0
IS1_Phenanthrene-d10	1	1	-	0	20	100	0
Phenanthrene	1.135	1.109	-	2.3	20	104	0
Anthracene	1.107	1.121	-	-1.3	20	104	0
Carbazole	0.989	1.015	-	-2.6	20	102	0
Di-n-butylphthalate	1.116	1.269	-	-13.7	20	114	0
Fluoranthene	1.298	1.312	-	-1.1	20	105	0
Benzidine	0.704	0.739	-	-5	20	100	0
Pyrene	1.359	1.38	-	-1.5	20	104	0
4-Terphenyl-d14	1.038	0.997	-	3.9	20	100	0
Butyl benzyl phthalate	5	4.169	-	16.6	20	95	0
IS1_Chrysene-d12	1	1	-	0	20	100	0
Benzo(a)anthracene	1.278	1.28	-	-0.2	20	105	0
3,3'-Dichlorobenzidine	0.429	0.442	-	-3	20	97	0
Chrysene	1.267	1.227	-	3.2	20	103	0
Bis(2-ethylhexyl)phthalate	5	4.433	-	11.3	20	98	0
Di-n-octylphthalate	5	4.064	-	18.7	20	94	0
Benzo(b)fluoranthene	1.314	1.271	-	3.3	20	95	0
Benzo(k)fluoranthene	1.222	1.168	-	4.4	20	98	0
Benzo(a)pyrene	1.157	1.111	-	4	20	94	0
IS1_Perylene-d12	1	1	-	0	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV106**	**Calibration Date**	**: 03/13/25 20:06**
Lab File ID	**: ABN0313N**	**Init. Calib. Date(s)**	**: 03/11/25 03/12/25**
Sample No	**: WG2040337-3**	**Init. Calib. Times**	**: 16:50 06:06**
Channel	**:**		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.068	1.136	-	-6.4	20	95	0
Dibenzo(a,h)anthracene	1.063	1.082	-	-1.8	20	94	0
Benzo(ghi)perylene	1.047	1.079	-	-3.1	20	97	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 20:29
Lab File ID	: AP90313N	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040337-4	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	113	0
Benzaldehyde	0.954	0.82	-	14	20	98	0
Acetophenone	1.646	1.605	-	2.5	20	109	0
m-Toluidine	1.514	1.411	-	6.8	20	102	0
2-Chloroaniline	1.481	1.498	-	-1.1	20	115	0
IS2_Naphthalene-d8	1	1	-	0	20	109	0
a-Terpineol	0.275	0.303	-	-10.2	20	121	0
3-Chloroaniline	0.139	0.144	-	-3.6	20	112	0
2,6-Dichlorophenol	0.27	0.28	-	-3.7	20	116	0
1-chloro-2-nitrobenzene	0.108	0.124	-	-14.8	20	129	0
Caprolactam	0.165	0.162	-	1.8	20	119	0
1,2,4,5-Tetrachlorobenzene	0.401	0.398	-	0.7	20	114	0
Biphenyl	0.885	0.888	-	-0.3	20	115	0
IS2_Acenaphthene-d10	1	1	-	0	20	112	0
Dichloran	5	5.584	-	-11.7	20	135	0
Pentachloronitrobenzene	0.144	0.152	-	-5.6	20	129	0
IS2_Phenanthrene-d10	1	1	-	0	20	111	0
Diphenamid	0.413	0.434	-	-5.1	20	113	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 20:53
Lab File ID	: ADP0313N	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040337-5	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	108	0
1,4-Dioxane	0.548	0.468	-	14.6	20	108	0
n-Decane	1.7	1.589	-	6.5	20	109	0
IS3_Acenaphthene-d10	1	1	-	0	20	106	0
Atrazine	0.366	0.303	-	17.2	20	96	0
IS3_Phenanthrene-d10	1	1	-	0	20	106	0
n-Octadecane	0.458	0.444	-	3.1	20	107	0
Parathion	5	5.536	-	-10.7	20	118	0
3,3'-Dimethylbenzidine	5	4.314	-	13.7	20	103	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: DAKOTA	Calibration Date	: 03/14/25 08:50
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 11/05/24 11/06/24
Sample No	: WG2040571-3	Init. Calib. Times	: 16:59 04:17
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	75	0
n-Nitrosodimethylamine	0.63	0.613	-	2.7	20	74	0
Pyridine	0.954	0.791	-	17.1	20	58	0
2-Fluorophenol	1.028	0.991	-	3.6	20	74	0
Aniline	1.567	1.621	-	-3.4	20	79	0
2-Chlorophenol	1.225	1.221	-	0.3	20	76	0
Phenol-d6	1.317	1.293	-	1.8	20	76	0
Phenol	1.421	1.406	-	1.1	20	76	0
Bis(2-chloroethyl)ether	1.017	0.985	-	3.1	20	75	0
1,3-Dichlorobenzene	1.577	1.449	-	8.1	20	72	0
1,4-Dichlorobenzene	1.61	1.454	-	9.7	20	71	0
1,2-Dichlorobenzene	1.534	1.425	-	7.1	20	73	0
Benzyl alcohol	0.93	0.96	-	-3.2	20	79	0
Bis(2-chloroisopropyl)ethe	1.794	1.862	-	-3.8	20	82	0
2-Methylphenol	1.079	1.065	-	1.3	20	79	0
Hexachloroethane	0.589	0.53	-	10	20	73	0
n-Nitrosodi-n-propylamine	0.863	0.832	-	3.6	20	77	0
3-Methylphenol/4-Methylphe	1.182	1.155	-	2.3	20	78	0
Nitrobenzene-d5	1.195	1.278	-	-6.9	20	81	0
Nitrobenzene	1.222	1.311	-	-7.3	20	82	0
Isophorone	2.247	2.266	-	-0.8	20	78	0
2-Nitrophenol	0.619	0.692	-	-11.8	20	87	0
2,4-Dimethylphenol	1.101	1.266	-	-15	20	89	0
Bis(2-chloroethoxy)methane	1.4	1.393	-	0.5	20	77	0
2,4-Dichlorophenol	1.285	1.307	-	-1.7	20	79	0
1,2,4-Trichlorobenzene	1.555	1.459	-	6.2	20	74	0
IS1_Naphthalene-d8	1	1	-	0	20	79	0
Naphthalene	1.1	0.999	-	9.2	20	77	0
Benzoic Acid	0.228	0.185	-	18.9	20	71	0
4-Chloroaniline	0.121	0.121	-	0	20	81	0
Hexachlorobutadiene	0.258	0.238	-	7.8	20	75	0
p-Chloro-m-cresol	0.29	0.284	-	2.1	20	80	0
2-Methylnaphthalene	0.761	0.665	-	12.6	20	75	0
1-Methylnaphthalene	0.242	0.247	-	-2.1	20	84	0
Hexachlorocyclopentadiene	0.272	0.278	-	-2.2	20	81	0
2,4,6-Trichlorophenol	0.287	0.278	-	3.1	20	79	0
2,4,5-Trichlorophenol	0.32	0.303	-	5.3	20	79	0
2-Fluorobiphenyl	0.99	0.898	-	9.3	20	78	0
2-Chloronaphthalene	0.852	0.782	-	8.2	20	77	0
2-Nitroaniline	0.218	0.219	-	-0.5	20	80	0
1,4-Dinitrobenzene	0.095	0.104	-	-9.5	20	87	0
1,3-Dinitrobenzene	0.113	0.119	-	-5.3	20	82	0
Dimethyl phthalate	0.991	0.915	-	7.7	20	78	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: DAKOTA	Calibration Date	: 03/14/25 08:50
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 11/05/24 11/06/24
Sample No	: WG2040571-3	Init. Calib. Times	: 16:59 04:17
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.252	1.269	-	-1.4	20	85	0
2,6-Dinitrotoluene	0.185	0.186	-	-0.5	20	79	0
1,2-Dinitrobenzene	0.066	0.073	-	-10.6	20	82	0
IS1_Acenaphthene-d10	1	1	-	0	20	84	0
3-Nitroaniline	0.309	0.306	-	1	20	83	0
Acenaphthene	1.163	1.006	-	13.5	20	79	0
2,4-Dinitrophenol	5	2.88	-	42.4*	20	48	0
Dibenzofuran	2.006	1.725	-	14	20	79	0
2,4-Dinitrotoluene	0.387	0.402	-	-3.9	20	84	0
4-Nitrophenol	0.23	0.278	-	-20.9*	20	100	0
2,3,5,6-Tetrachlorophenol	0.436	0.377	-	13.5	20	74	0
2,3,4,6-Tetrachlorophenol	0.428	0.385	-	10	20	78	0
Diethyl phthalate	1.575	1.361	-	13.6	20	80	0
Fluorene	1.536	1.37	-	10.8	20	81	0
4-Chlorophenyl phenyl ethe	0.792	0.687	-	13.3	20	80	0
4-Nitroaniline	0.299	0.317	-	-6	20	85	0
4,6-Dinitro-o-cresol	0.234	0.213	-	9	20	74	0
NDPA/DPA	1.337	1.196	-	10.5	20	82	0
Azobenzene	1.281	1.252	-	2.3	20	86	0
2,4,6-Tribromophenol	0.286	0.24	-	16.1	20	74	0
4-Bromophenyl phenyl ether	0.522	0.432	-	17.2	20	76	0
Hexachlorobenzene	0.656	0.538	-	18	20	77	0
Pentachlorophenol	0.356	0.279	-	21.6*	20	66	0
IS1_Phenanthrene-d10	1	1	-	0	20	86	0
Phenanthrene	1.183	1.021	-	13.7	20	81	0
Anthracene	1.16	1.048	-	9.7	20	83	0
Carbazole	1.064	1.002	-	5.8	20	84	0
Di-n-butylphthalate	1.207	1.114	-	7.7	20	81	0
Fluoranthene	1.422	1.312	-	7.7	20	85	0
Benzidine	0.772	0.844	-	-9.3	20	90	0
Pyrene	1.52	1.42	-	6.6	20	85	0
4-Terphenyl-d14	1.157	1.06	-	8.4	20	85	0
Butyl benzyl phthalate	0.517	0.539	-	-4.3	20	89	0
IS1_Chrysene-d12	1	1	-	0	20	92	0
Benzo(a)anthracene	1.355	1.209	-	10.8	20	88	0
3,3'-Dichlorobenzidine	0.505	0.479	-	5.1	20	87	0
Chrysene	1.349	1.183	-	12.3	20	88	0
Bis(2-ethylhexyl)phthalate	0.726	0.696	-	4.1	20	87	0
Di-n-octylphthalate	1.212	1.21	-	0.2	20	91	0
Benzo(b)fluoranthene	1.42	1.321	-	7	20	92	0
Benzo(k)fluoranthene	1.383	1.281	-	7.4	20	87	0
Benzo(a)pyrene	1.267	1.24	-	2.1	20	92	0
IS1_Perylene-d12	1	1	-	0	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**		
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**		
Instrument ID	**: DAKOTA**	**Calibration Date**	**: 03/14/25 08:50**		
Lab File ID	**: ABN0314**	**Init. Calib. Date(s)**	**: 11/05/24**	**11/06/24**	
Sample No	**: WG2040571-3**	**Init. Calib. Times**	**: 16:59**	**04:17**	
Channel	**:**				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.234	1.147	-	7.1	20	91	0
Dibenzo(a,h)anthracene	1.213	1.177	-	3	20	93	0
Benzo(ghi)perylene	1.192	1.166	-	2.2	20	97	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: DAKOTA	**Calibration Date**	: 03/14/25 09:13
Lab File ID	: AP90314	**Init. Calib. Date(s)**	: 11/05/24 11/06/24
Sample No	: WG2040571-4	**Init. Calib. Times**	: 16:59 04:17
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	76	0
Benzaldehyde	0.703	0.773	-	-10	20	77	0
Acetophenone	1.403	1.652	-	-17.7	20	85	0
m-Toluidine	1.287	1.448	-	-12.5	20	83	0
2-Chloroaniline	1.368	1.573	-	-15	20	83	0
IS2_Naphthalene-d8	1	1	-	0	20	82	0
a-Terpineol	0.221	0.264	-	-19.5	20	92	0
3-Chloroaniline	0.115	0.135	-	-17.4	20	89	0
2,6-Dichlorophenol	0.296	0.355	-	-19.9	20	92	0
1-chloro-2-nitrobenzene	0.113	0.136	-	-20.4*	20	89	0
Caprolactam	0.123	0.149	-	-21.1*	20	96	0
1,2,4,5-Tetrachlorobenzene	0.413	0.427	-	-3.4	20	80	0
Biphenyl	0.842	0.927	-	-10.1	20	85	0
IS2_Acenaphthene-d10	1	1	-	0	20	84	0
Dichloran	0.169	0.183	-	-8.3	20	93	0
Pentachloronitrobenzene	0.187	0.206	-	-10.2	20	96	0
IS2_Phenanthrene-d10	1	1	-	0	20	87	0
Diphenamid	0.416	0.471	-	-13.2	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: DAKOTA	**Calibration Date**	: 03/14/25 09:35		
Lab File ID	: ADP0314	**Init. Calib. Date(s)**	: 11/05/24	11/06/24	
Sample No	: WG2040571-5	**Init. Calib. Times**	: 16:59	04:17	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	78	0
1,4-Dioxane	0.381	0.391	-	-2.6	20	76	0
n-Decane	1.048	1.143	-	-9.1	20	82	0
IS3_Acenaphthene-d10	1	1	-	0	20	90	0
Atrazine	0.343	0.359	-	-4.7	20	94	0
IS3_Phenanthrene-d10	1	1	-	0	20	92	0
n-Octadecane	0.334	0.363	-	-8.7	20	101	0
Parathion	5	4.955	-	0.9	20	103	0
3,3'-Dimethylbenzidine	5	5.123	-	-2.5	20	108	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:12
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 03/13/25 03/14/25
Sample No	: WG2040646-3	Init. Calib. Times	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0
n-Nitrosodimethylamine	0.695	0.709	-	-2	20	99	0
Pyridine	1.215	0.821	-	32.4*	20	68	0
2-Fluorophenol	1.083	0.988	-	8.8	20	91	0
Aniline	1.77	1.822	-	-2.9	20	97	0
2-Chlorophenol	1.247	1.175	-	5.8	20	96	0
Phenol-d6	1.35	1.264	-	6.4	20	94	0
Phenol	1.592	1.552	-	2.5	20	98	0
Bis(2-chloroethyl)ether	1.152	1.144	-	0.7	20	99	0
1,3-Dichlorobenzene	1.473	1.44	-	2.2	20	102	0
1,4-Dichlorobenzene	1.525	1.459	-	4.3	20	99	0
1,2-Dichlorobenzene	1.463	1.403	-	4.1	20	101	0
Benzyl alcohol	0.972	0.986	-	-1.4	20	103	0
Bis(2-chloroisopropyl)ethe	1.674	1.686	-	-0.7	20	104	0
2-Methylphenol	1.055	1.059	-	-0.4	20	100	0
Hexachloroethane	0.561	0.547	-	2.5	20	102	0
n-Nitrosodi-n-propylamine	0.904	0.867	-	4.1	20	97	0
3-Methylphenol/4-Methylphe	1.169	1.146	-	2	20	102	0
Nitrobenzene-d5	1.275	1.235	-	3.1	20	97	0
Nitrobenzene	1.302	1.299	-	0.2	20	100	0
Isophorone	2.405	2.375	-	1.2	20	99	0
2-Nitrophenol	0.593	0.57	-	3.9	20	94	0
2,4-Dimethylphenol	1.237	1.249	-	-1	20	101	0
Bis(2-chloroethoxy)methane	1.616	1.575	-	2.5	20	103	0
2,4-Dichlorophenol	1.135	1.134	-	0.1	20	99	0
1,2,4-Trichlorobenzene	1.44	1.377	-	4.4	20	101	0
IS1_Naphthalene-d8	1	1	-	0	20	102	0
Naphthalene	1.025	0.986	-	3.8	20	102	0
Benzoic Acid	5	2.65	-	47*	20	57	0
4-Chloroaniline	0.128	0.123	-	3.9	20	96	0
Hexachlorobutadiene	0.261	0.247	-	5.4	20	101	0
p-Chloro-m-cresol	0.287	0.282	-	1.7	20	100	0
2-Methylnaphthalene	0.638	0.636	-	0.3	20	106	0
1-Methylnaphthalene	0.244	0.239	-	2	20	103	0
Hexachlorocyclopentadiene	0.315	0.299	-	5.1	20	98	0
2,4,6-Trichlorophenol	0.27	0.258	-	4.4	20	99	0
2,4,5-Trichlorophenol	0.273	0.279	-	-2.2	20	101	0
2-Fluorobiphenyl	0.916	0.868	-	5.2	20	101	0
2-Chloronaphthalene	0.748	0.727	-	2.8	20	102	0
2-Nitroaniline	0.202	0.199	-	1.5	20	98	0
1,4-Dinitrobenzene	0.11	0.101	-	8.2	20	94	0
1,3-Dinitrobenzene	0.123	0.121	-	1.6	20	99	0
Dimethyl phthalate	0.959	0.941	-	1.9	20	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504		
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:12		
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 03/13/25	03/14/25	
Sample No	: WG2040646-3	Init. Calib. Times	: 13:47	00:48	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.213	1.204	-	0.7	20	101	0
2,6-Dinitrotoluene	0.176	0.177	-	-0.6	20	95	0
1,2-Dinitrobenzene	0.081	0.079	-	2.5	20	98	0
IS1_Acenaphthene-d10	1	1	-	0	20	102	0
3-Nitroaniline	0.309	0.308	-	0.3	20	100	0
Acenaphthene	1.072	1.036	-	3.4	20	104	0
2,4-Dinitrophenol	5	3.938	-	21.2*	20	92	0
Dibenzofuran	1.844	1.778	-	3.6	20	105	0
2,4-Dinitrotoluene	0.402	0.402	-	0	20	100	0
4-Nitrophenol	0.229	0.243	-	-6.1	20	100	0
2,3,5,6-Tetrachlorophenol	0.392	0.386	-	1.5	20	96	0
2,3,4,6-Tetrachlorophenol	0.4	0.389	-	2.8	20	98	0
Diethyl phthalate	1.497	1.47	-	1.8	20	103	0
Fluorene	1.449	1.381	-	4.7	20	102	0
4-Chlorophenyl phenyl ethe	0.764	0.744	-	2.6	20	107	0
4-Nitroaniline	0.322	0.316	-	1.9	20	97	0
4,6-Dinitro-o-cresol	0.234	0.225	-	3.8	20	95	0
NDPA/DPA	1.191	1.198	-	-0.6	20	104	0
Azobenzene	1.339	1.371	-	-2.4	20	104	0
2,4,6-Tribromophenol	0.241	0.23	-	4.6	20	103	0
4-Bromophenyl phenyl ether	0.498	0.461	-	7.4	20	102	0
Hexachlorobenzene	0.586	0.564	-	3.8	20	108	0
Pentachlorophenol	0.315	0.324	-	-2.9	20	99	0
IS1_Phenanthrene-d10	1	1	-	0	20	102	0
Phenanthrene	1.091	1.047	-	4	20	106	0
Anthracene	1.047	1.063	-	-1.5	20	106	0
Carbazole	0.974	0.978	-	-0.4	20	104	0
Di-n-butylphthalate	1.09	1.098	-	-0.7	20	101	0
Fluoranthene	1.279	1.308	-	-2.3	20	106	0
Benzidine	0.692	0.793	-	-14.6	20	110	0
Pyrene	1.335	1.407	-	-5.4	20	107	0
4-Terphenyl-d14	1.046	1.047	-	-0.1	20	104	0
Butyl benzyl phthalate	0.474	0.476	-	-0.4	20	105	0
IS1_Chrysene-d12	1	1	-	0	20	105	0
Benzo(a)anthracene	1.245	1.245	-	0	20	108	0
3,3'-Dichlorobenzidine	0.447	0.443	-	0.9	20	102	0
Chrysene	1.192	1.189	-	0.3	20	109	0
Bis(2-ethylhexyl)phthalate	0.622	0.654	-	-5.1	20	105	0
Di-n-octylphthalate	0.994	1.047	-	-5.3	20	104	0
Benzo(b)fluoranthene	1.202	1.293	-	-7.6	20	105	0
Benzo(k)fluoranthene	1.2	1.143	-	4.7	20	105	0
Benzo(a)pyrene	1.127	1.129	-	-0.2	20	104	0
IS1_Perylene-d12	1	1	-	0	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV112**	**Calibration Date**	**: 03/14/25 11:12**
Lab File ID	**: ABN0314**	**Init. Calib. Date(s)**	**: 03/13/25 03/14/25**
Sample No	**: WG2040646-3**	**Init. Calib. Times**	**: 13:47 00:48**
Channel	**:**		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.096	1.058	-	3.5	20	107	0
Dibenzo(a,h)anthracene	1.063	1.07	-	-0.7	20	106	0
Benzo(ghi)perylene	1.099	1.095	-	0.4	20	108	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**		
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**		
Instrument ID	**: SV112**	**Calibration Date**	**: 03/14/25 11:34**		
Lab File ID	**: AP90314**	**Init. Calib. Date(s)**	**: 03/13/25**	**03/14/25**	
Sample No	**: WG2040646-4**	**Init. Calib. Times**	**: 13:47**	**00:48**	
Channel	**:**				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
Benzaldehyde	0.954	0.84	-	11.9	20	88	0
Acetophenone	1.731	1.691	-	2.3	20	103	0
m-Toluidine	1.562	1.487	-	4.8	20	94	0
2-Chloroaniline	1.509	1.54	-	-2.1	20	103	0
IS2_Naphthalene-d8	1	1	-	0	20	98	0
a-Terpineol	0.253	0.273	-	-7.9	20	108	0
3-Chloroaniline	0.13	0.142	-	-9.2	20	96	0
2,6-Dichlorophenol	0.285	0.302	-	-6	20	107	0
1-chloro-2-nitrobenzene	0.138	0.137	-	0.7	20	100	0
Caprolactam	5	4.436	-	11.3	20	103	0
1,2,4,5-Tetrachlorobenzene	0.438	0.442	-	-0.9	20	100	0
Biphenyl	0.89	0.934	-	-4.9	20	105	0
IS2_Acenaphthene-d10	1	1	-	0	20	99	0
Dichloran	0.183	0.175	-	4.4	20	103	0
Pentachloronitrobenzene	0.195	0.208	-	-6.7	20	105	0
IS2_Phenanthrene-d10	1	1	-	0	20	97	0
Diphenamid	0.446	0.475	-	-6.5	20	106	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504	
Instrument ID	: SV112	**Calibration Date**	: 03/14/25 11:57	
Lab File ID	: ADP0314	**Init. Calib. Date(s)**	: 03/13/25	03/14/25
Sample No	: WG2040646-5	**Init. Calib. Times**	: 13:47	00:48
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
1,4-Dioxane	0.481	0.469	-	2.5	20	107	0
n-Decane	1.328	1.241	-	6.6	20	100	0
IS3_Acenaphthene-d10	1	1	-	0	20	101	0
Atrazine	0.47	0.4	-	14.9	20	94	0
IS3_Phenanthrene-d10	1	1	-	0	20	104	0
n-Octadecane	0.389	0.361	-	7.2	20	105	0
Parathion	5	4.815	-	3.7	20	98	0
3,3'-Dimethylbenzidine	5	4.271	-	14.6	20	101	0

*** Value outside of QC limits.**

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250313RVT\
Data File : ABN0313.D
Acq On : 13 Mar 2025 11:03 am
Operator : SV106:jg
Sample : WG2040166-3,32,,ABN 11297 gmr0304B
Misc : WG2040166,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 12:05:53 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:06:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	107	0.00
2	t	n-Nitrosodimethylamine		0.718	0.729	-1.5	111	0.00
3	t	Pyridine		1.251	0.961	23.2#	90	0.00
4	S	2-Fluorophenol		1.128	1.061	5.9	103	0.00
5	T	Aniline		1.738	1.776	-2.2	105	0.00
6	t	2-Chlorophenol		1.218	1.195	1.9	107	0.00
7	S	Phenol-d6		1.323	1.297	2.0	106	0.00
8	T	Phenol		1.459	1.451	0.5	109	0.00
9	T	Bis(2-chloroethyl)ether		1.159	1.182	-2.0	112	0.00
10	T	1,3-Dichlorobenzene		1.540	1.458	5.3	107	0.00
11	T	1,4-Dichlorobenzene		1.574	1.509	4.1	105	0.00
12	T	1,2-Dichlorobenzene		1.490	1.452	2.6	109	0.00
13	t	Benzyl alcohol		0.910	0.891	2.1	106	0.00
14	T	Bis(2-chloroisopropyl)ether		2.704	2.936	-8.6	121	0.00
15	T	2-Methylphenol		1.283	1.250	2.6	109	0.00
16	T	Hexachloroethane		0.546	0.533	2.4	106	0.00
17	T	n-Nitrosodi-n-propylamine		0.855	0.856	-0.1	108	0.00
18	T	3-Methylphenol/4-Methylphen		1.110	1.135	-2.3	110	0.00
19	S	Nitrobenzene-d5		1.096	1.138	-3.8	111	0.00
20	T	Nitrobenzene		1.118	1.204	-7.7	113	0.00
21	T	Isophorone		2.296	2.300	-0.2	108	0.00
22	T	2-Nitrophenol		0.509	0.527	-3.5	110	0.00
23	T	2,4-Dimethylphenol		1.198	1.215	-1.4	106	0.00
24	T	Bis(2-chloroethoxy)methane		1.639	1.269	22.6#	93	0.00
25	T	2,4-Dichlorophenol		1.137	1.145	-0.7	106	0.00
26	T	1,2,4-Trichlorobenzene		1.457	1.381	5.2	107	0.00
35	I	IS1_Naphthalene-d8		1.000	1.000	0.0	113	0.00
36	T	Naphthalene		1.066	1.011	5.2	112	0.00
37	T	Benzoic Acid	*	5.000	3.270	34.6#	95	0.00
38	T	4-Chloroaniline		0.132	0.128	3.0	109	0.00
39	T	Hexachlorobutadiene		0.244	0.225	7.8	106	0.00
40	T	p-Chloro-m-cresol		0.325	0.292	10.2	106	0.00
41	T	2-Methylnaphthalene		0.638	0.616	3.4	111	0.00
42	T	1-Methylnaphthalene		0.245	0.224	8.6	108	0.00
43	T	Hexachlorocyclopentadiene		0.300	0.264	12.0	100	0.00
44	T	2,4,6-Trichlorophenol		0.251	0.223	11.2	100	0.00
45	T	2,4,5-Trichlorophenol		0.255	0.257	-0.8	110	0.00
46	S	2-Fluorobiphenyl		0.923	0.846	8.3	107	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250313RVT\
Data File : ABN0313.D
Acq On : 13 Mar 2025 11:03 am
Operator : SV106:jg
Sample : WG2040166-3,32,,ABN 11297 gmr0304B
Misc : WG2040166,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 12:05:53 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:06:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.756	0.701	7.3	108	0.00
48	T	2-Nitroaniline		0.166	0.166	0.0	108	0.00
49	T	1,4-Dinitrobenzene	*	5.000	3.259	34.8#	63	0.00
50	T	1,3-Dinitrobenzene		0.104	0.096	7.7	108	0.00
51	T	Dimethyl phthalate		0.908	0.850	6.4	106	0.00
52	T	Acenaphthylene		1.201	1.118	6.9	107	0.00
53	T	2,6-Dinitrotoluene		0.151	0.164	-8.6	104	0.00
54	T	1,2-Dinitrobenzene		0.063	0.066	-4.8	106	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	106	0.00
64	T	3-Nitroaniline		0.252	0.269	-6.7	108	0.00
65	T	Acenaphthene		1.101	1.045	5.1	108	0.00
66	T	2,4-Dinitrophenol	*	5.000	4.576	8.5	108	0.00
67	T	Dibenzofuran		1.914	1.738	9.2	109	0.00
68	T	2,4-Dinitrotoluene	*	5.000	4.809	3.8	107	0.00
69	T	4-Nitrophenol		0.192	0.202	-5.2	108	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.365	0.480	-31.5#	144	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.344	0.337	2.0	102	0.00
72	T	Diethyl phthalate		1.359	1.307	3.8	103	0.00
73	T	Fluorene		1.410	1.358	3.7	107	0.00
74	T	4-Chlorophenyl phenyl ether		0.738	0.689	6.6	106	0.00
75	T	4-Nitroaniline		0.246	0.279	-13.4	114	0.00
76	T	4,6-Dinitro-o-cresol	*	5.000	4.310	13.8	107	0.00
77	T	NDPA/DPA		1.176	1.128	4.1	106	0.00
78	T	Azobenzene		1.121	1.165	-3.9	111	0.00
79	S	2,4,6-Tribromophenol		0.206	0.189	8.3	94	0.00
80	T	4-Bromophenyl phenyl ether		0.463	0.428	7.6	103	0.00
81	T	Hexachlorobenzene		0.543	0.486	10.5	103	0.00
82	T	Pentachlorophenol		0.282	0.257	8.9	98	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	107	0.00
89	T	Phenanthrene		1.135	1.078	5.0	108	0.00
90	T	Anthracene		1.107	1.077	2.7	106	0.00
91	T	Carbazole		0.989	0.986	0.3	106	0.00
92	T	Di-n-butylphthalate		1.116	1.239	-11.0	119	0.00
93	T	Fluoranthene		1.298	1.268	2.3	108	0.00
94	T	Benzidine		0.704	0.746	-6.0	108	0.00
95	T	Pyrene		1.359	1.341	1.3	108	0.00
96	S	4-Terphenyl-d14		1.038	0.977	5.9	105	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250313RVT\
Data File : ABN0313.D
Acq On : 13 Mar 2025 11:03 am
Operator : SV106:jg
Sample : WG2040166-3,32,,ABN 11297 gmr0304B
Misc : WG2040166,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 12:05:53 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:06:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	*	5.000	4.197	16.1	103	0.00
104	I	IS1_Chrysene-d12		1.000	1.000	0.0	106	0.00
105	T	Benzo(a)anthracene		1.278	1.252	2.0	108	0.00
106	T	3,3'-Dichlorobenzidine		0.429	0.446	-4.0	103	0.00
107	T	Chrysene		1.267	1.184	6.6	105	0.00
108	T	Bis(2-ethylhexyl)phthalate	*	5.000	4.472	10.6	104	0.00
109	T	Di-n-octylphthalate	*	5.000	4.133	17.3	101	0.00
110	T	Benzo(b)fluoranthene		1.314	1.203	8.4	95	0.00
111	T	Benzo(k)fluoranthene		1.222	1.174	3.9	104	0.00
112	T	Benzo(a)pyrene		1.157	1.091	5.7	98	0.00
113	I	IS1_Perylene-d12		1.000	1.000	0.0	100	0.00
114	T	Indeno(1,2,3-cd)pyrene		1.068	1.126	-5.4	99	0.00
115	T	Dibenzo(a,h)anthracene		1.063	1.085	-2.1	99	0.00
116	T	Benzo(ghi)perylene		1.047	1.074	-2.6	101	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : ABN0313.D
Acq On    : 13 Mar 2025  11:03 am
Operator  : SV106:jg
Sample    : WG2040166-3,32,,ABN 11297 gmr0304B
Misc      : WG2040166,,ical22075
ALS Vial  : 142   Sample Multiplier: 1

Quant Time: Mar 13 12:05:53 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:06:46 2025
Response via : Initial Calibration

Sub List     : ABNical - ABN ical sublist

       Compound                     R.T. QIon  Response  Conc Units Dev(Min)
   -------------------------------------------------------------------------
   Internal Standards
   1) IS1_1,4-Dichlorobenzen...   6.351  152     59871     4.000 ug/ml    0.00
  35) IS1_Naphthalene-d8          7.782  136    230532     4.000 ug/ml  # 0.00
  63) IS1_Acenaphthene-d10        9.550  164    140631     4.000 ug/ml    0.00
  88) IS1_Phenanthrene-d10       10.987  188    279147     4.000 ug/ml  # 0.00
 104) IS1_Chrysene-d12           13.617  240    296814     4.000 ug/ml    0.00
 113) IS1_Perylene-d12           15.079  264    301762     4.000 ug/ml    0.00

   System Monitoring Compounds
   4) 2-Fluorophenol              4.383  112     79389     4.701 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =  235.05%#
   7) Phenol-d6                   5.985   99     97095     4.904 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =  245.20%#
  19) Nitrobenzene-d5             7.017   82     85147     5.192 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =  519.20%#
  46) 2-Fluorobiphenyl            8.910  172    243752     4.581 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =  458.10%#
  79) 2,4,6-Tribromophenol       10.321  330     33194     4.591 ug/ml   0.00
     Spiked Amount      2.000   Range  15 - 110    Recovery   =  229.55%#
  96) 4-Terphenyl-d14            12.566  244    340896     4.707 ug/ml   0.00
     Spiked Amount      1.000   Range  30 - 130    Recovery   =  470.70%#

   Target Compounds                                                  Qvalue
   2) n-Nitrosodimethylamine      2.019   74      54550      5.075 ug/ml     88
   3) Pyridine                    2.076   79      71888      3.841 ug/ml     79
   5) Aniline                     5.943   93     132892      5.108 ug/ml    100
   6) 2-Chlorophenol              6.087  128      89452      4.907 ug/ml     96
   8) Phenol                      6.002   94     108595      4.972 ug/ml     98
   9) Bis(2-chloroethyl)ether     6.079   93      88466      5.098 ug/ml#    74
  10) 1,3-Dichlorobenzene         6.274  146     109132      4.734 ug/ml     97
  11) 1,4-Dichlorobenzene         6.376  146     112929      4.792 ug/ml     98
  12) 1,2-Dichlorobenzene         6.554  146     108694      4.872 ug/ml     97
  13) Benzyl alcohol              6.563   79      66715      4.897 ug/ml     95
  14) Bis(2-chloroisopropyl)...   6.747   45     219702      5.429 ug/ml#    73
  15) 2-Methylphenol              6.739  108      93517      4.871 ug/ml     95
  16) Hexachloroethane            6.942  117      39881      4.878 ug/ml#    56
  17) n-Nitrosodi-n-propylamine   6.897   70      64026      5.005 ug/ml     94
  18) 3-Methylphenol/4-Methy...   6.927  108      84937      5.112 ug/ml     97
  20) Nitrobenzene                7.032   77      90075      5.382 ug/ml    100
  21) Isophorone                  7.318   82     172103      5.009 ug/ml     99
  22) 2-Nitrophenol               7.393  139      39408      5.173 ug/ml     92
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVT\
Data File : ABN0313.D
Acq On : 13 Mar 2025 11:03 am
Operator : SV106:jg
Sample : WG2040166-3,32,,ABN 11297 gmr0304B
Misc : WG2040166,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 12:05:53 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:06:46 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	7.498	107	90896	5.068	ug/ml	97
24) Bis(2-chloroethoxy)met...	7.595	93	94969	3.872	ug/ml	95
25) 2,4-Dichlorophenol	7.660	162	85688	5.035	ug/ml#	92
26) 1,2,4-Trichlorobenzene	7.739	180	103336	4.737	ug/ml	98
36) Naphthalene	7.804	128	291303	4.740	ug/ml	99
37) Benzoic Acid	7.573	105	24316	3.270	ug/ml	91
38) 4-Chloroaniline	7.890	65	36928	4.869	ug/ml	89
39) Hexachlorobutadiene	7.977	225	64816	4.612	ug/ml	98
40) p-Chloro-m-cresol	8.424	107	84236	4.497	ug/ml	93
41) 2-Methylnaphthalene	8.528	142	177561	4.831	ug/ml	96
42) 1-Methylnaphthalene	8.618	115	64536	4.574	ug/ml	96
43) Hexachlorocyclopentadiene	8.708	237	75997	4.397	ug/ml	98
44) 2,4,6-Trichlorophenol	8.828	196	64298	4.442	ug/ml	92
45) 2,4,5-Trichlorophenol	8.851	196	74038	5.041	ug/ml	91
47) 2-Chloronaphthalene	9.000	162	202125	4.636	ug/ml	95
48) 2-Nitroaniline	9.120	138	47795	4.989	ug/ml	89
49) 1,4-Dinitrobenzene	9.266	168	2450M3	3.259	ug/ml	
50) 1,3-Dinitrobenzene	9.329	168	27687	4.608	ug/ml#	1
51) Dimethyl phthalate	9.329	163	244821	4.676	ug/ml#	98
52) Acenaphthylene	9.403	152	322215	4.653	ug/ml	98
53) 2,6-Dinitrotoluene	9.371	165	47130	5.425	ug/ml#	74
54) 1,2-Dinitrobenzene	9.413	168	18903	5.197	ug/ml#	1
64) 3-Nitroaniline	9.519	138	47348	5.338	ug/ml#	94
65) Acenaphthene	9.582	154	183629	4.742	ug/ml	90
66) 2,4-Dinitrophenol	9.624	184	20875	4.576	ug/ml#	86
67) Dibenzofuran	9.750	168	305446	4.540	ug/ml	87
68) 2,4-Dinitrotoluene	9.761	165	58736	4.809	ug/ml#	79
69) 4-Nitrophenol	9.719	65	35437	5.238	ug/ml#	33
70) 2,3,5,6-Tetrachlorophenol	9.842	232	84324	6.567	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	9.884	232	59231	4.896	ug/ml	96
72) Diethyl phthalate	10.025	149	229757	4.809	ug/ml	99
73) Fluorene	10.081	166	238667	4.815	ug/ml	96
74) 4-Chlorophenyl phenyl ...	10.103	204	121141	4.671	ug/ml#	86
75) 4-Nitroaniline	10.110	138	48996	5.676	ug/ml	87
76) 4,6-Dinitro-o-cresol	10.152	198	31159	4.310	ug/ml#	65
77) NDPA/DPA	10.222	169	198273	4.797	ug/ml	94
78) Azobenzene	10.258	77	204785	5.195	ug/ml	94
80) 4-Bromophenyl phenyl e...	10.579	248	75165	4.617	ug/ml#	82
81) Hexachlorobenzene	10.624	284	85417	4.475	ug/ml#	81
82) Pentachlorophenol	10.821	266	45179	4.550	ug/ml	97
89) Phenanthrene	11.010	178	376101	4.747	ug/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVT\
Data File : ABN0313.D
Acq On : 13 Mar 2025 11:03 am
Operator : SV106:jg
Sample : WG2040166-3,32,,ABN 11297 gmr0304B
Misc : WG2040166,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 12:05:53 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:06:46 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
90) Anthracene	11.056	178	375656	4.861 ug/ml	99
91) Carbazole	11.230	167	343977	4.985 ug/ml	99
92) Di-n-butylphthalate	11.624	149	432499	5.551 ug/ml#	96
93) Fluoranthene	12.163	202	442287	4.884 ug/ml#	93
94) Benzidine	12.322	184	260339	5.302 ug/ml#	94
95) Pyrene	12.379	202	467958	4.935 ug/ml	100
97) Butyl benzyl phthalate	13.101	149	147158	4.197 ug/ml	88
105) Benzo(a)anthracene	13.609	228	464397	4.897 ug/ml	100
106) 3,3'-Dichlorobenzidine	13.609	252	165339	5.194 ug/ml#	97
107) Chrysene	13.641	228	439246	4.672 ug/ml	99
108) Bis(2-ethylhexyl)phtha...	13.736	149	239536	4.472 ug/ml	94
109) Di-n-octylphthalate	14.417	149	369355	4.133 ug/ml#	79
110) Benzo(b)fluoranthene	14.712	252	446487	4.579 ug/ml#	94
111) Benzo(k)fluoranthene	14.736	252	435399	4.800 ug/ml#	93
112) Benzo(a)pyrene	15.023	252	404824	4.716 ug/ml#	93
114) Indeno(1,2,3-cd)pyrene	16.046	276	424700M6	5.272 ug/mL	
115) Dibenzo(a,h)anthracene	16.069	278	409432	5.108 ug/ml#	90
116) Benzo(ghi)perylene	16.283	276	404985	5.125 ug/ml#	87

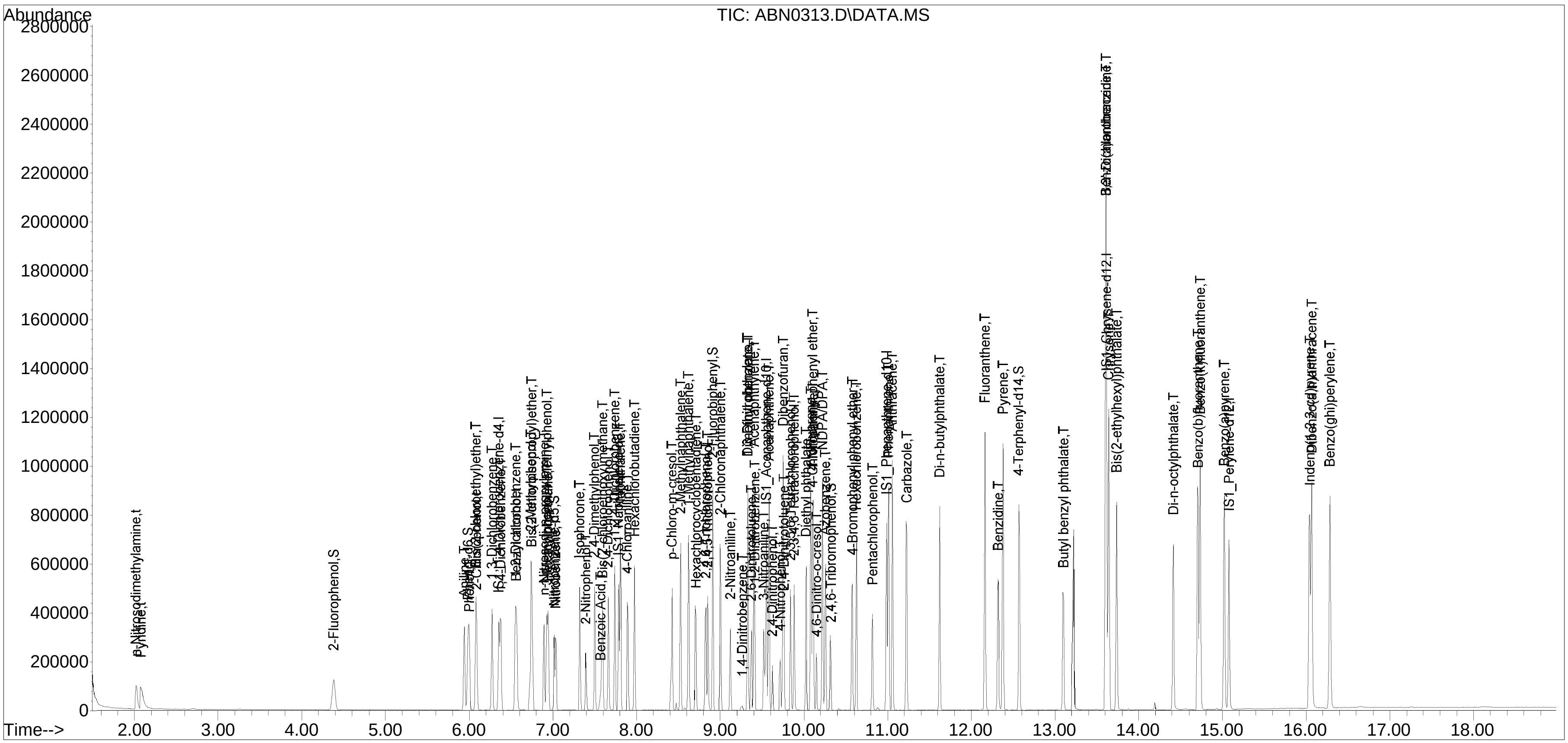
(#) = qualifier out of range (m) = manual integration (+) = signals summed

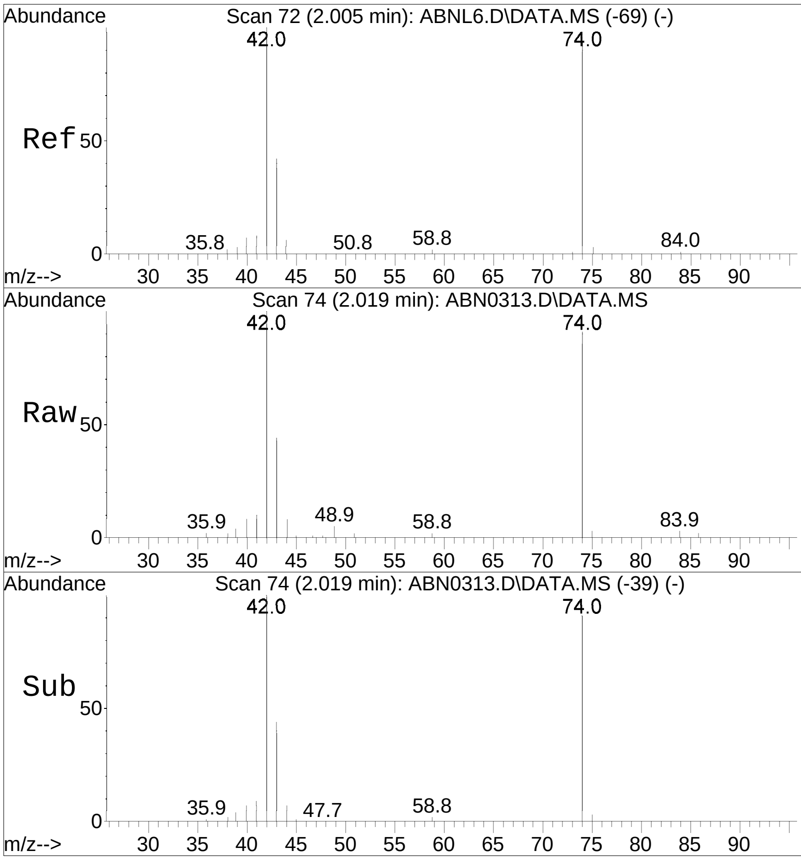
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVT\
Data File : ABN0313.D
Acq On : 13 Mar 2025 11:03 am
Operator : SV106:jg
Sample : WG2040166-3,32,,ABN 11297 gmr0304B
Misc : WG2040166,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 12:05:53 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:06:46 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

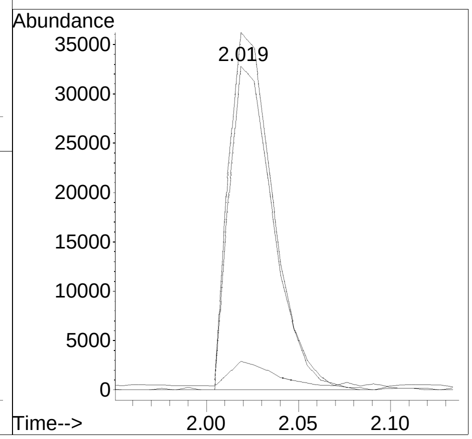


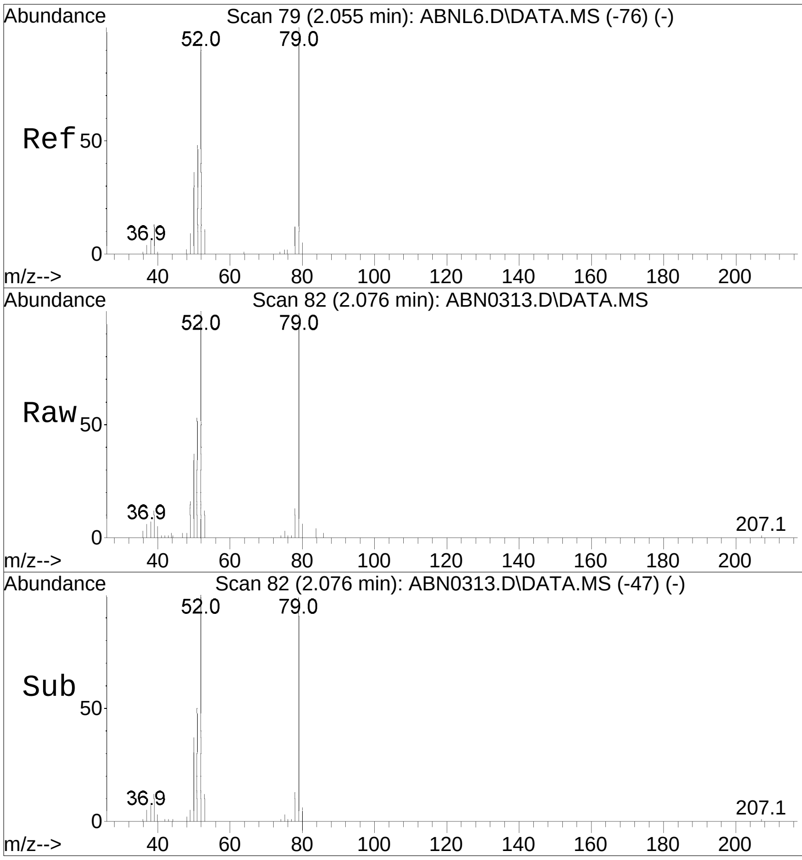


#2
n-Nitrosodimethylamine
Concen: 5.07 ug/ml
RT: 2.019 min Scan# 74
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 74 Resp: 54550

Ion	Ratio	Lower	Upper
74	100		
42	110.9	100.0	150.0
44	7.2	6.7	10.1

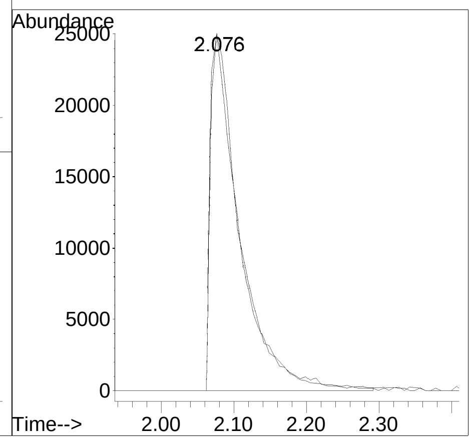


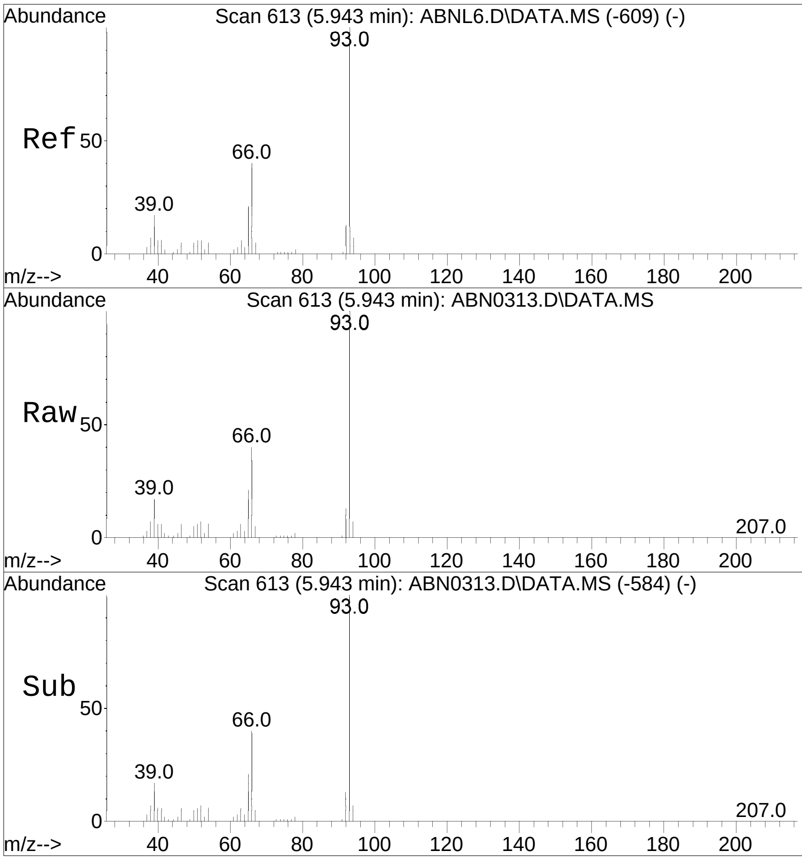


#3
Pyridine
Concen: 3.84 ug/ml
RT: 2.076 min Scan# 82
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 79 Resp: 71888

Ion	Ratio	Lower	Upper
79	100		
52	94.0	93.1	139.7

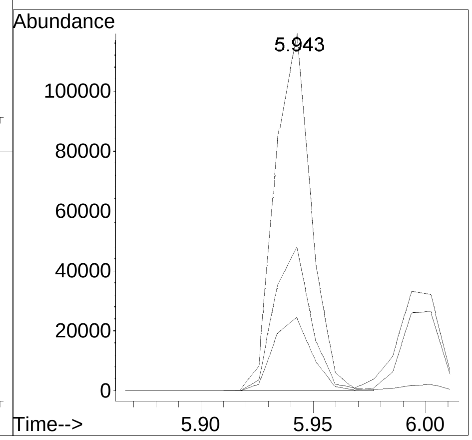


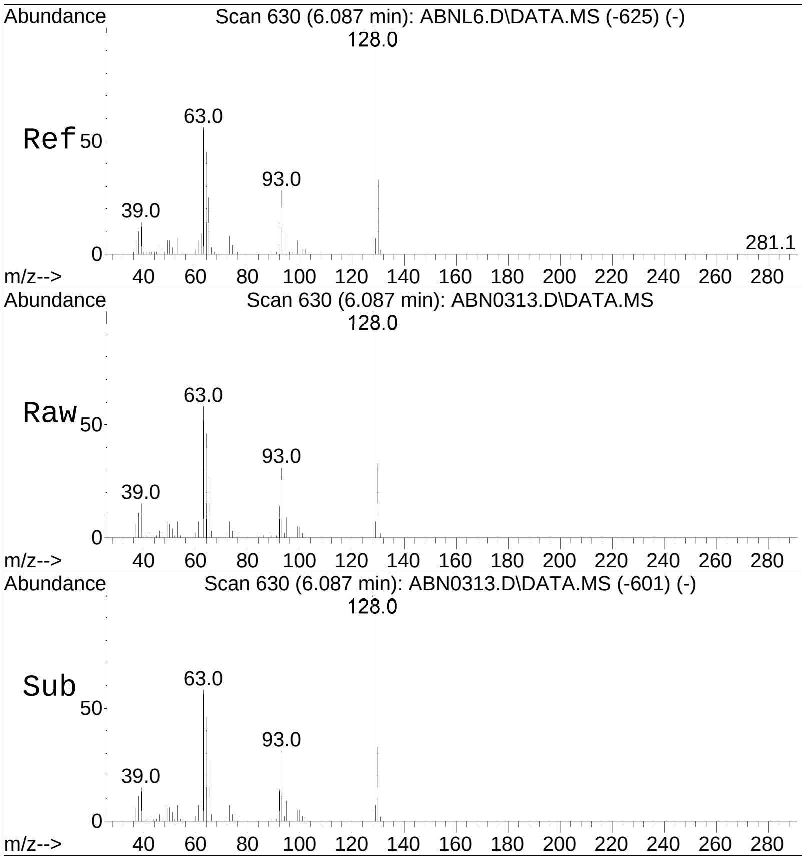


#5
Aniline
Concen: 5.11 ug/ml
RT: 5.943 min Scan# 613
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 93 Resp: 132892

Ion	Ratio	Lower	Upper
93	100		
66	40.9	32.6	49.0
65	21.9	17.6	26.4

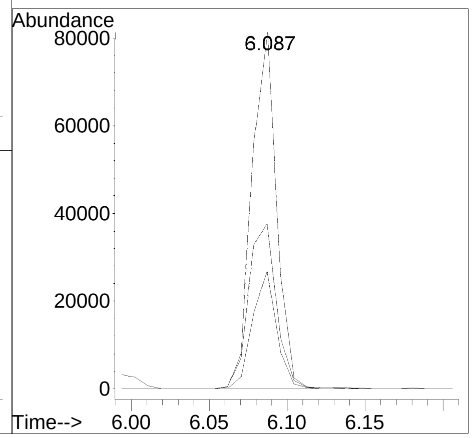


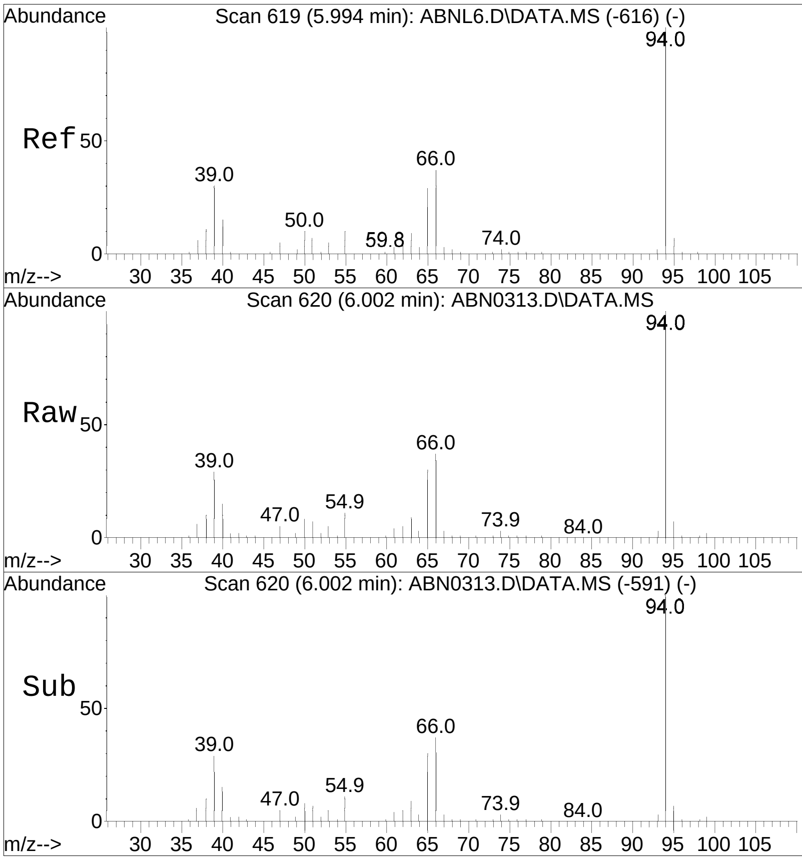


#6
2-Chlorophenol
Concen: 4.91 ug/ml
RT: 6.087 min Scan# 630
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:128 Resp: 89452

Ion	Ratio	Lower	Upper
128	100		
64	52.5	45.1	67.7
130	32.3	26.2	39.4

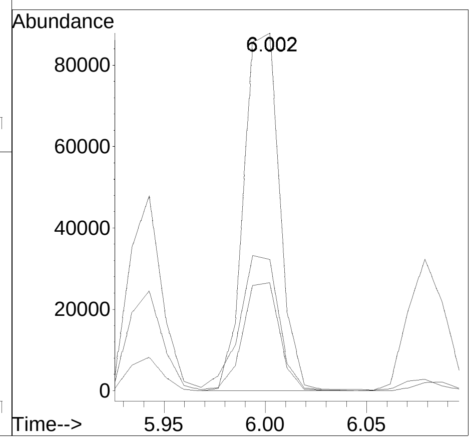


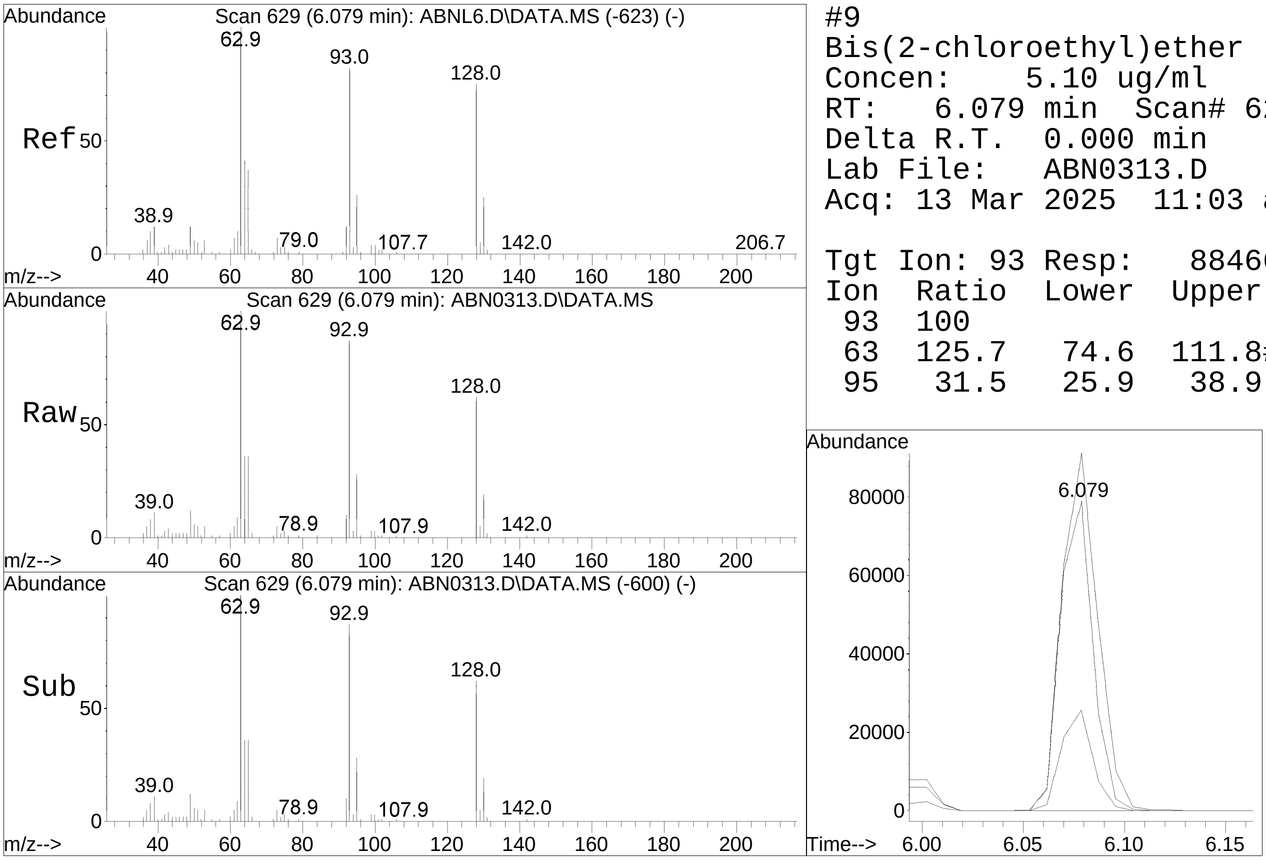


#8
Phenol
Concen: 4.97 ug/ml
RT: 6.002 min Scan# 620
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 94 Resp: 108595

Ion	Ratio	Lower	Upper
94	100		
65	30.9	26.0	39.0
66	41.6	33.8	50.8

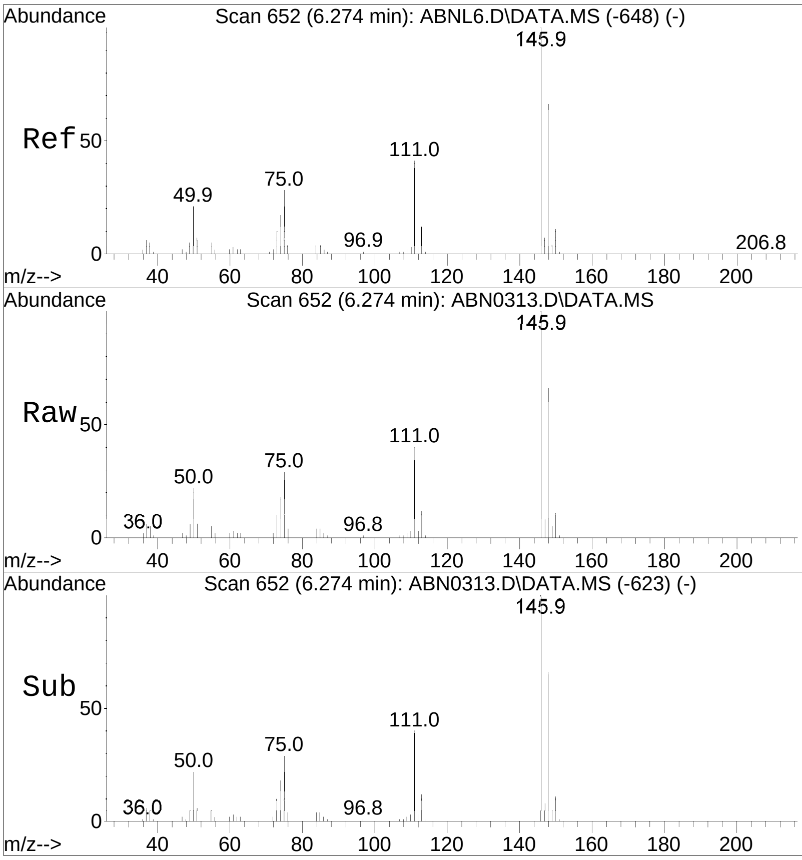




#9
Bis(2-chloroethyl)ether
Concen: 5.10 ug/ml
RT: 6.079 min Scan# 629
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 93 Resp: 88466

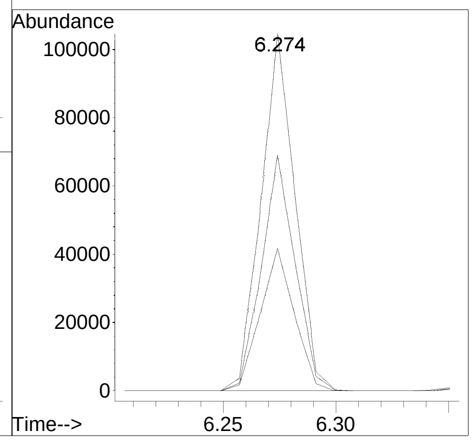
Ion	Ratio	Lower	Upper
93	100		
63	125.7	74.6	111.8#
95	31.5	25.9	38.9

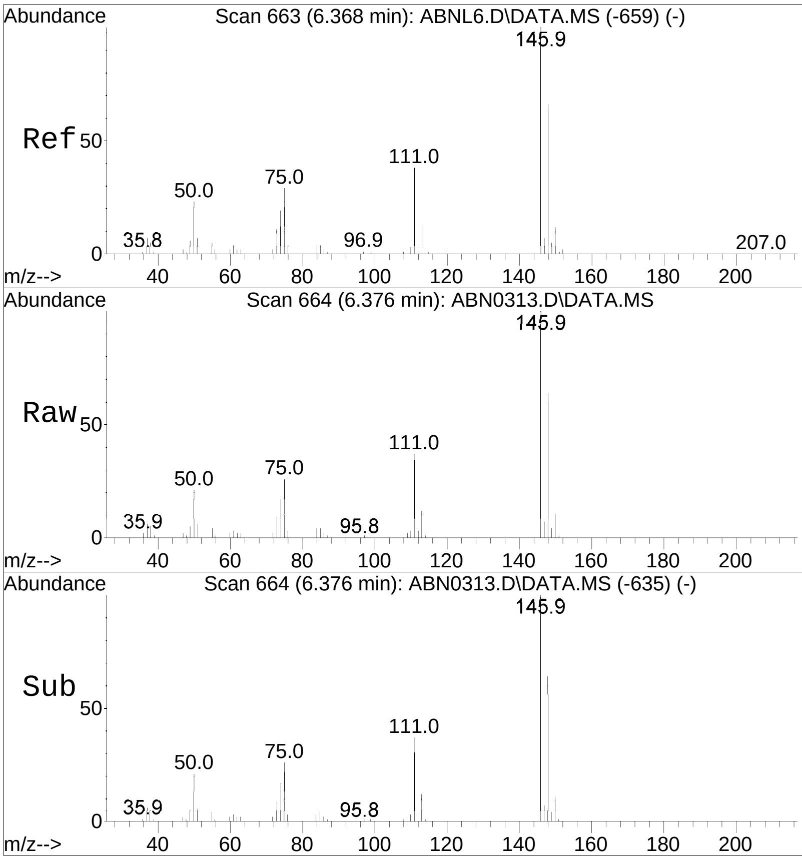


#10
1,3-Dichlorobenzene
Concen: 4.73 ug/ml
RT: 6.274 min Scan# 652
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:146 Resp: 109132

Ion	Ratio	Lower	Upper
146	100		
111	40.1	34.3	51.5
148	65.4	50.8	76.2

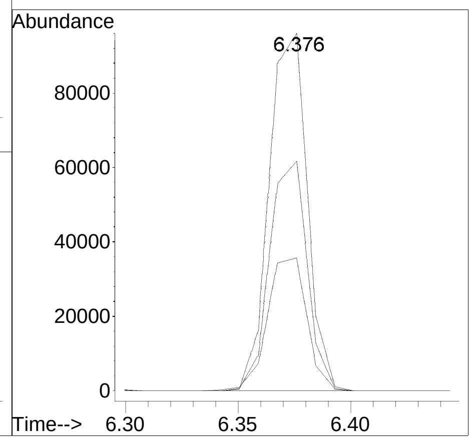


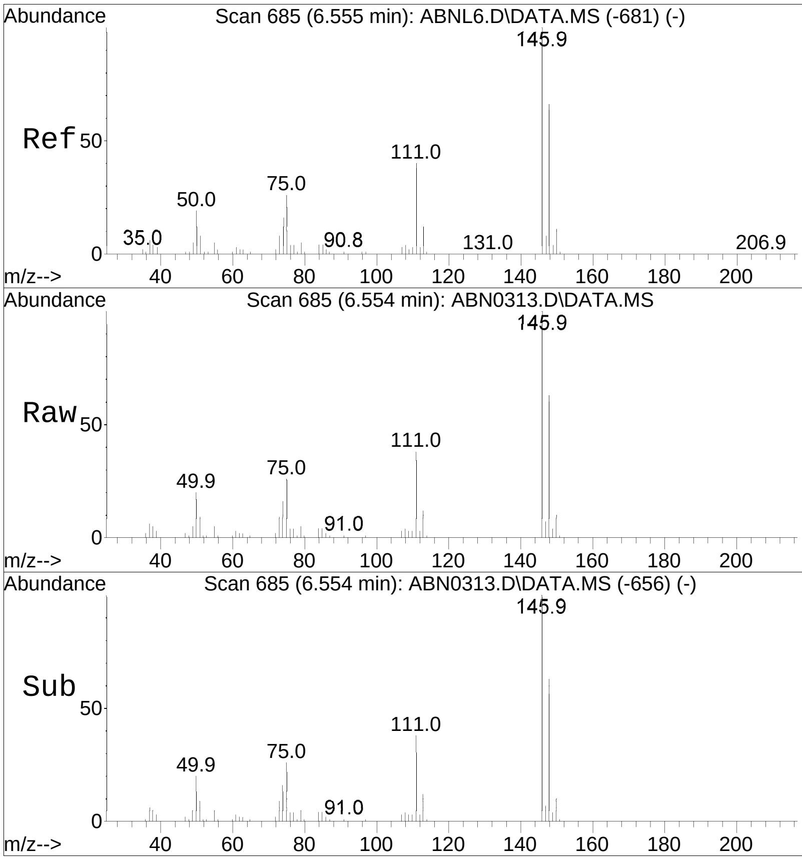


#11
1,4-Dichlorobenzene
Concen: 4.79 ug/ml
RT: 6.376 min Scan# 664
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:146 Resp: 112929

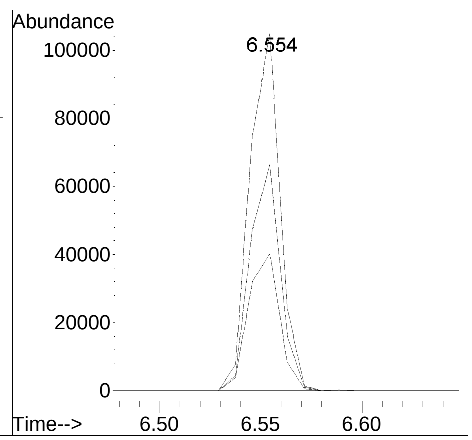
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	38.7	33.4	50.0

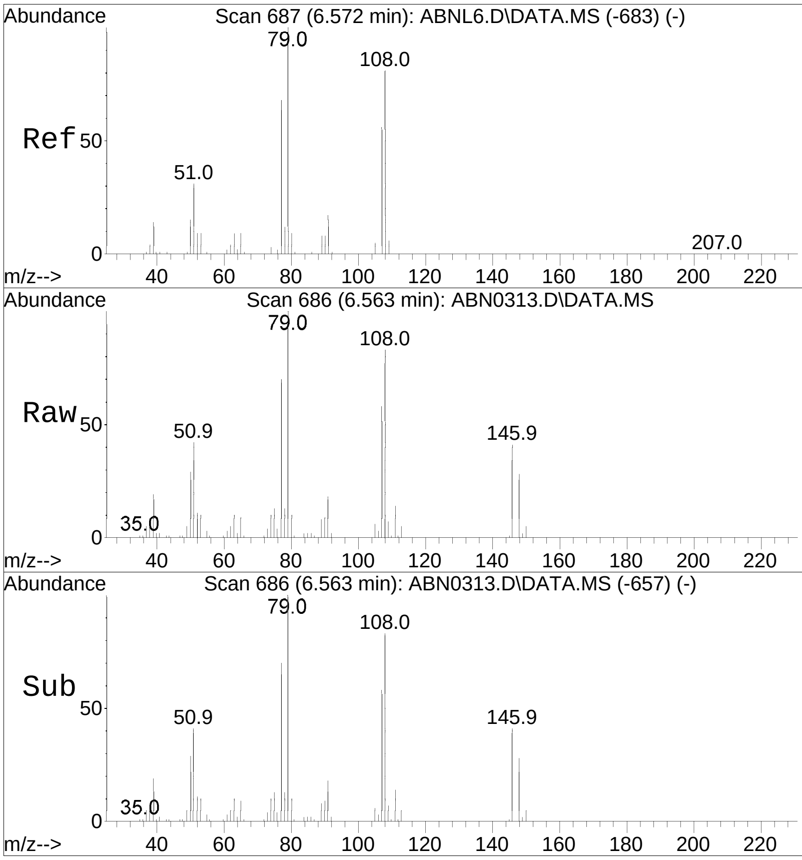




#12
1,2-Dichlorobenzene
Concen: 4.87 ug/ml
RT: 6.554 min Scan# 685
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt	Ion:146	Resp:	108694
Ion	Ratio	Lower	Upper
146	100		
111	40.0	34.6	52.0
148	63.4	50.2	75.4

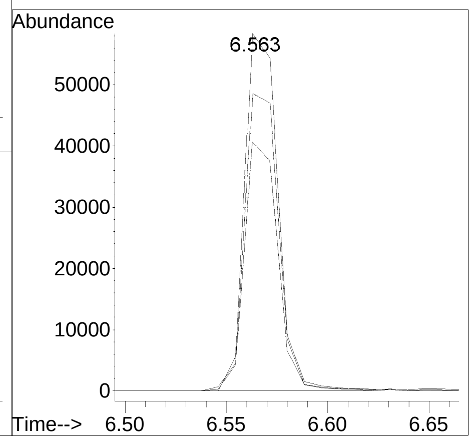


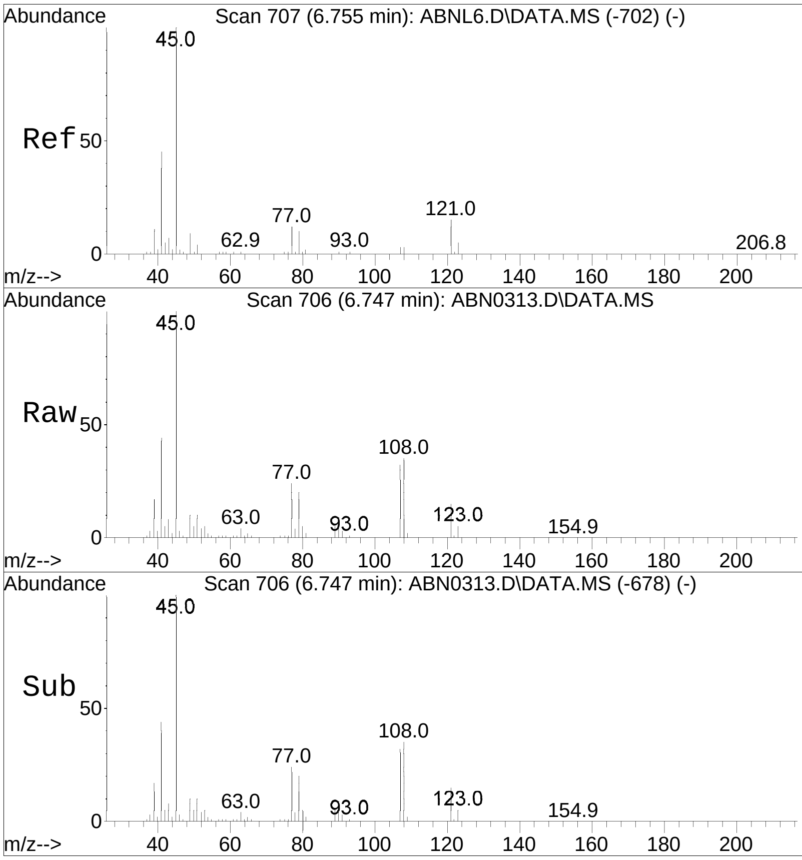


#13
Benzyl alcohol
Concen: 4.90 ug/ml
RT: 6.563 min Scan# 686
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 79 Resp: 66715

Ion	Ratio	Lower	Upper
79	100		
77	70.6	54.9	82.3
108	85.0	63.1	94.7

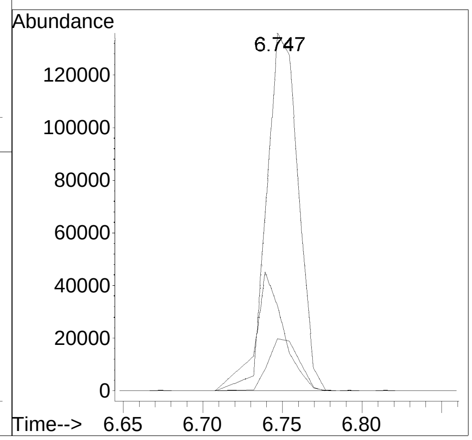


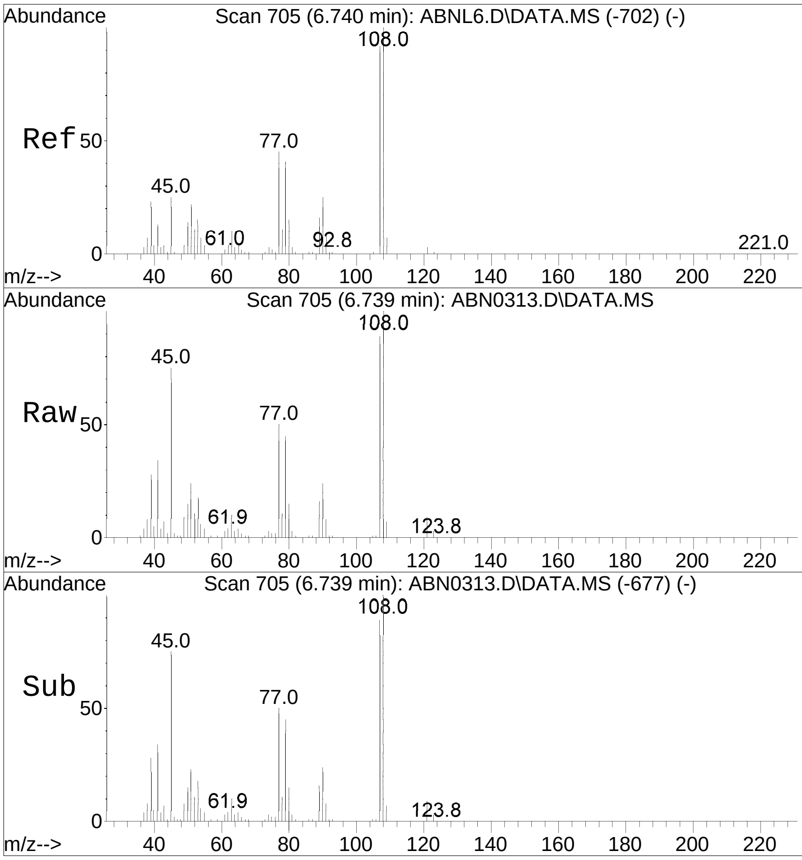


#14
Bis(2-chloroisopropyl)ether
Concen: 5.43 ug/ml
RT: 6.747 min Scan# 706
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 45 Resp: 219702

Ion	Ratio	Lower	Upper
45	100		
121	15.3	9.8	14.6#
77	28.2	6.1	9.1#

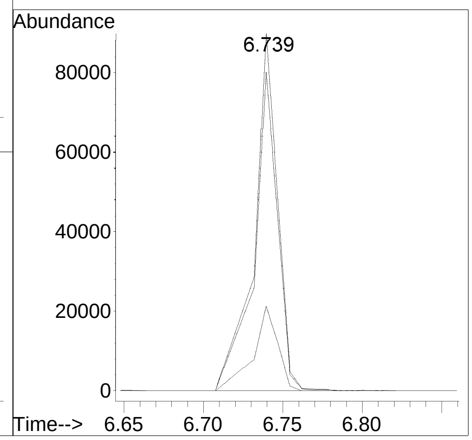


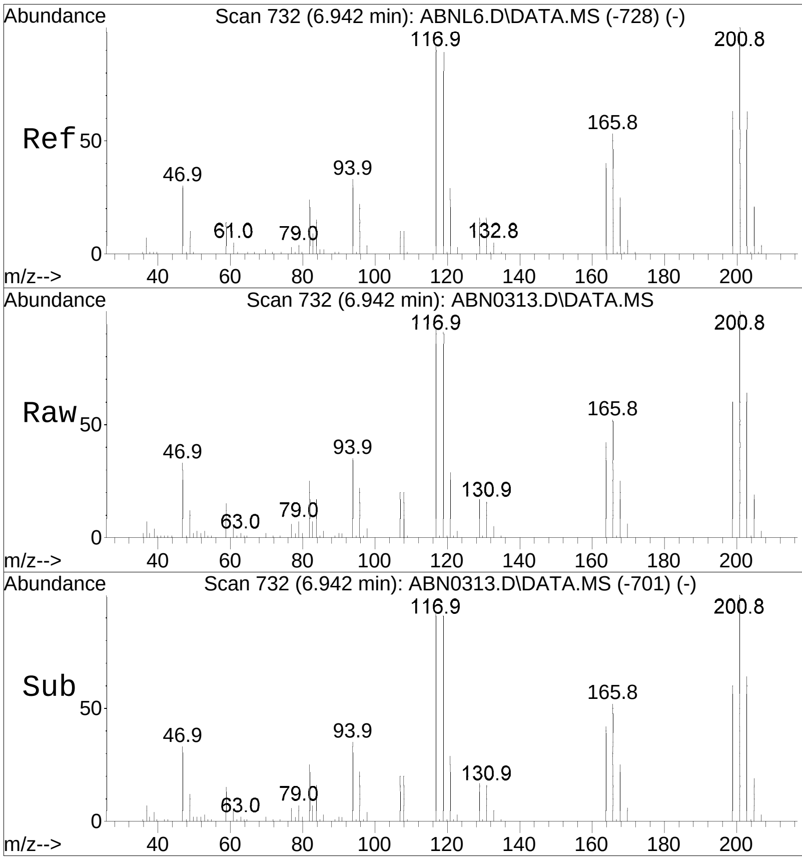


#15
2-Methylphenol
Concen: 4.87 ug/ml
RT: 6.739 min Scan# 705
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:108 Resp: 93517

Ion	Ratio	Lower	Upper
108	100		
107	92.4	70.7	106.1
90	27.3	18.7	28.1

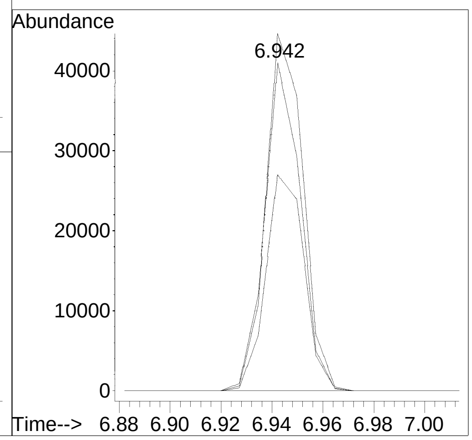


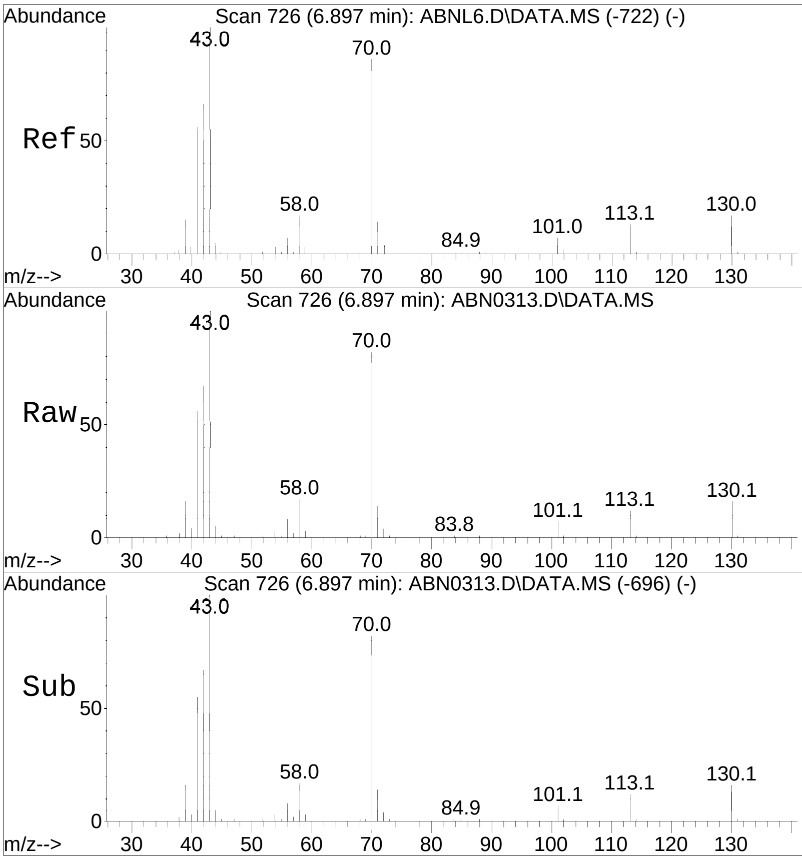


#16
Hexachloroethane
Concen: 4.88 ug/ml
RT: 6.942 min Scan# 732
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:117 Resp: 39881

Ion	Ratio	Lower	Upper
117	100		
201	113.6	58.6	87.8#
199	71.1	36.9	55.3#

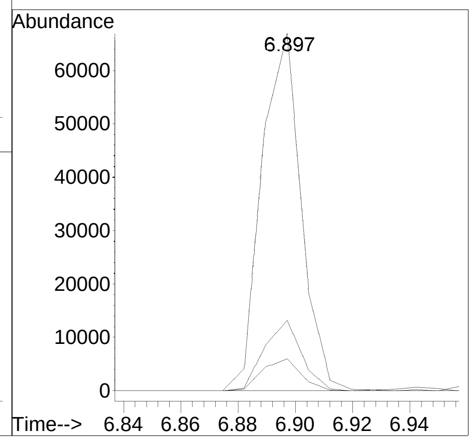


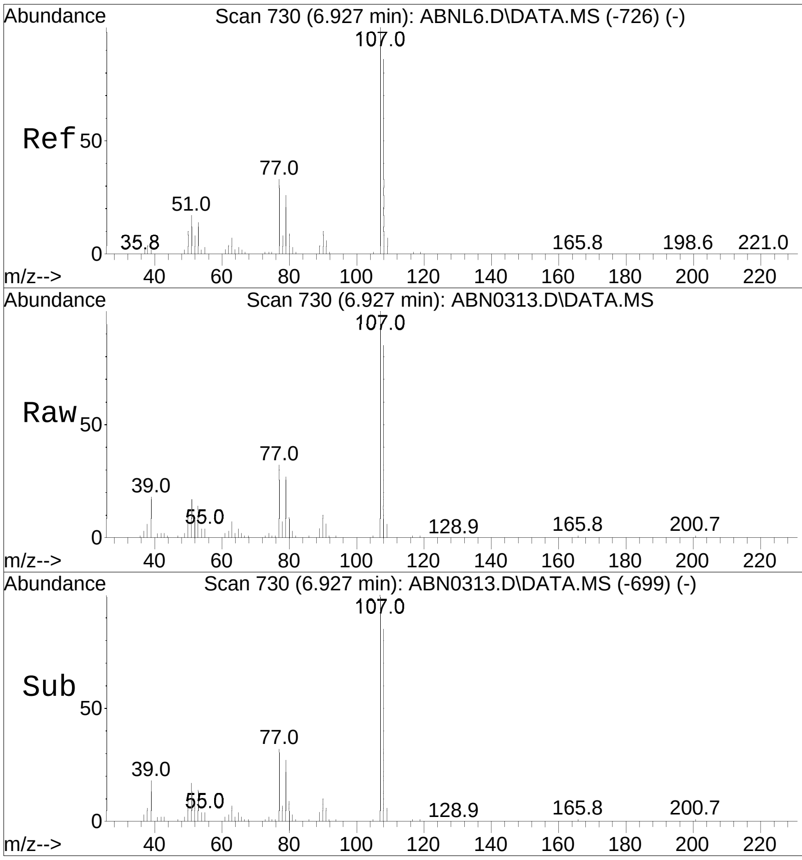


#17
n-Nitrosodi-n-propylamine
Concen: 5.00 ug/ml
RT: 6.897 min Scan# 726
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 70 Resp: 64026

Ion	Ratio	Lower	Upper
70	100		
130	18.9	18.2	27.4
101	8.8	7.8	11.8

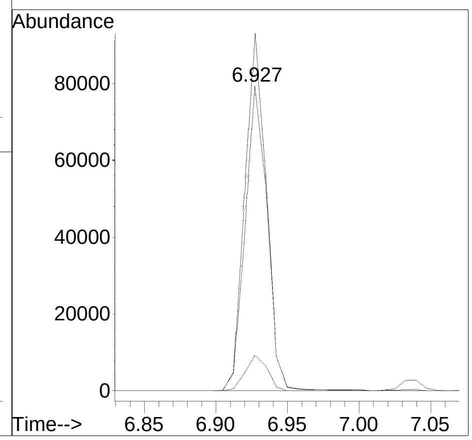


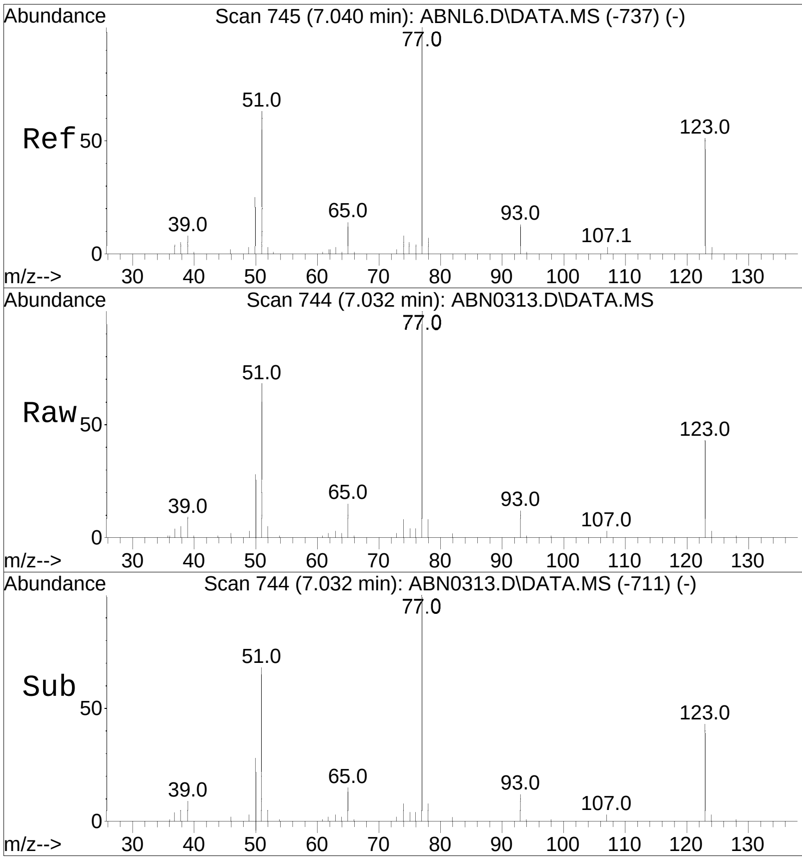


#18
3-Methylphenol/4-Methylphenol
Concen: 5.11 ug/ml
RT: 6.927 min Scan# 730
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:108 Resp: 84937

Ion	Ratio	Lower	Upper
108	100		
107	114.3	88.6	132.8
90	11.6	8.8	13.2

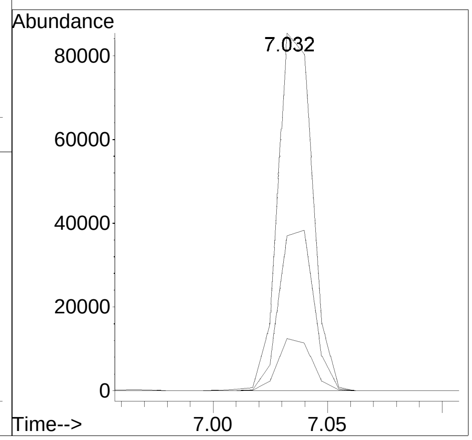


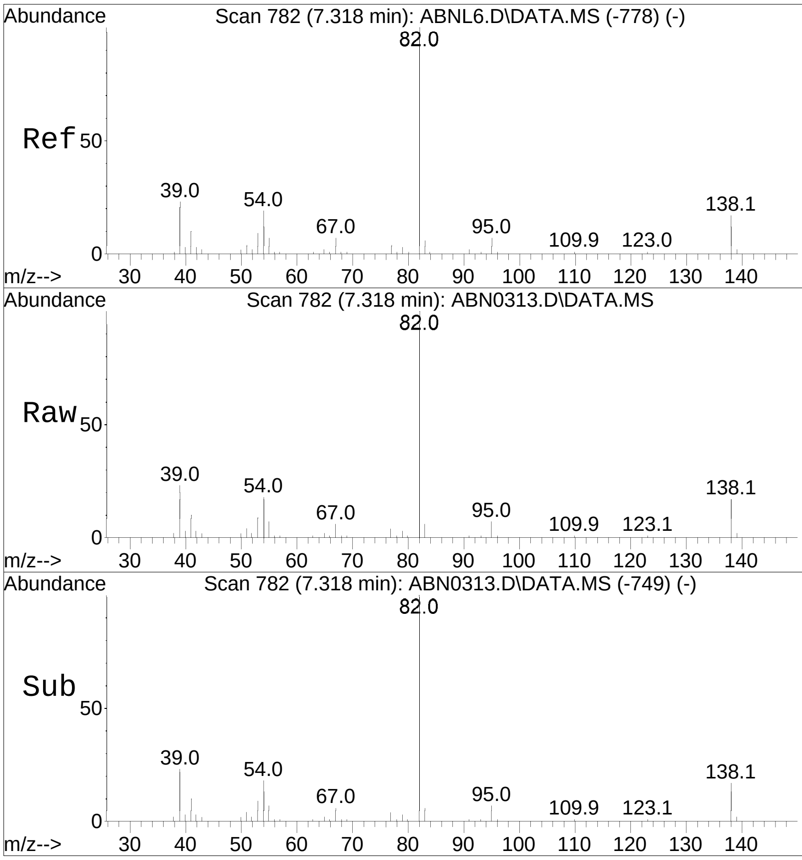


#20
Nitrobenzene
Concen: 5.38 ug/ml
RT: 7.032 min Scan# 744
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 77 Resp: 90075

Ion	Ratio	Lower	Upper
77	100		
123	45.4	36.3	54.5
65	14.5	11.6	17.4

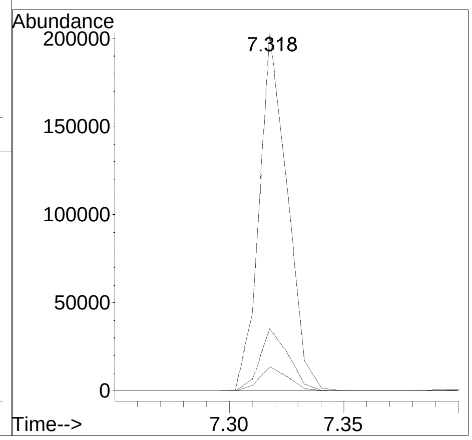


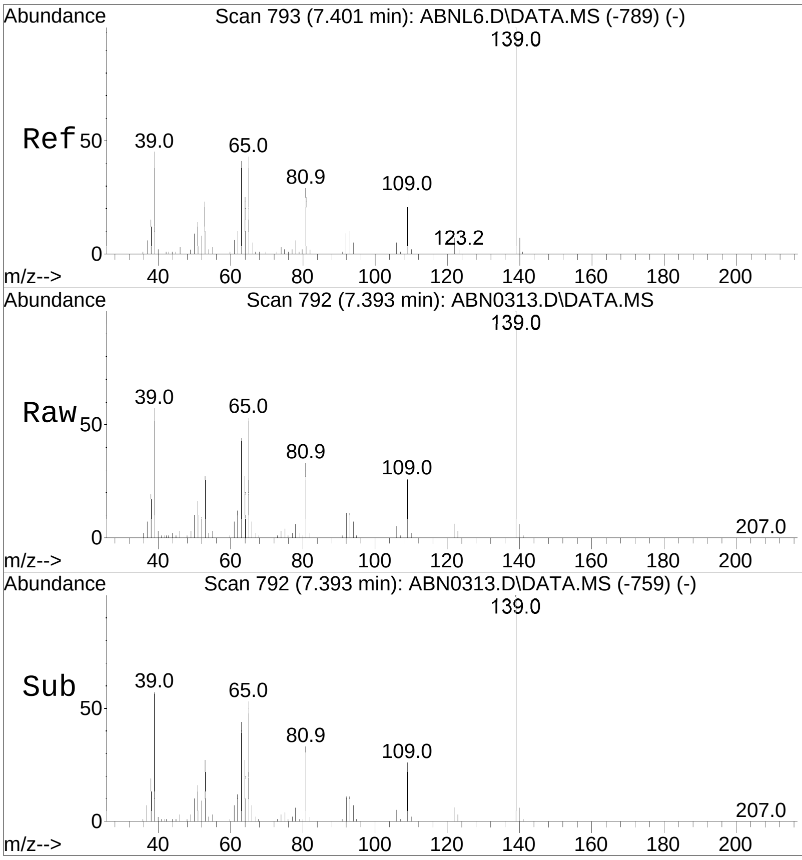


#21
Isophorone
Concen: 5.01 ug/ml
RT: 7.318 min Scan# 782
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 82 Resp: 172103

Ion	Ratio	Lower	Upper
82	100		
138	17.8	14.7	22.1
95	6.9	5.2	7.8

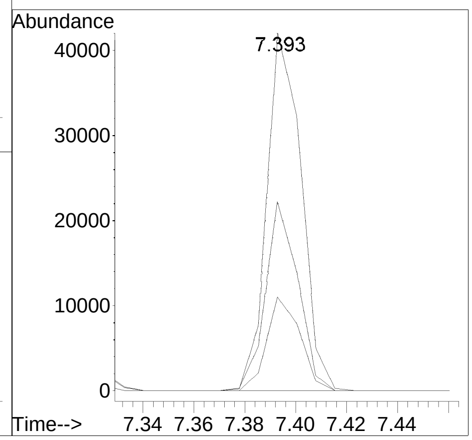


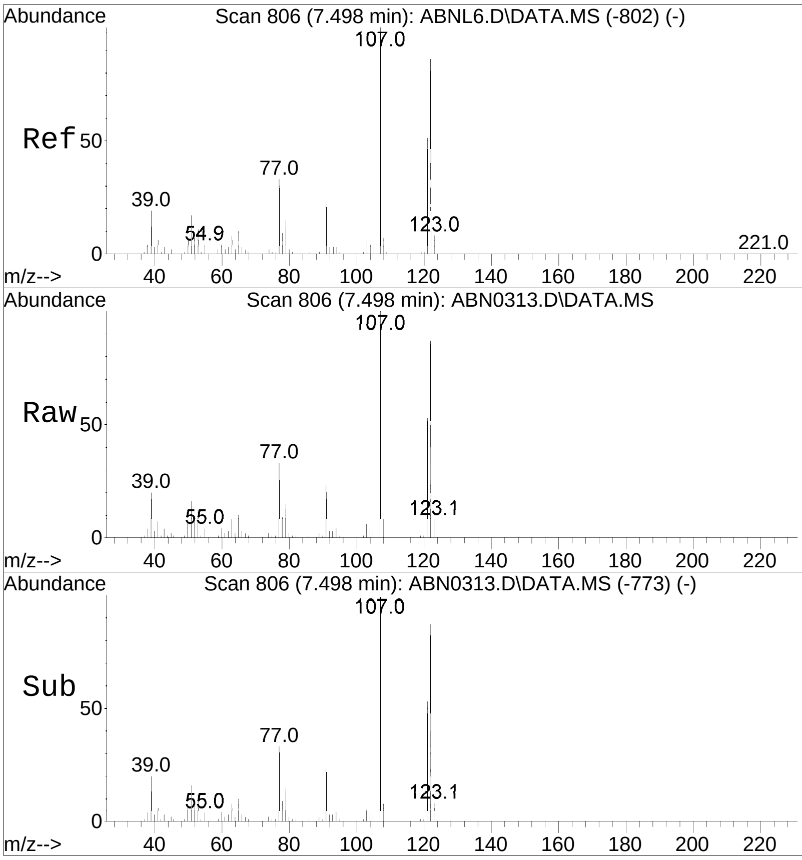


#22
2-Nitrophenol
Concen: 5.17 ug/ml
RT: 7.393 min Scan# 792
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:139 Resp: 39408

Ion	Ratio	Lower	Upper
139	100		
109	25.4	19.4	29.0
65	49.8	46.1	69.1

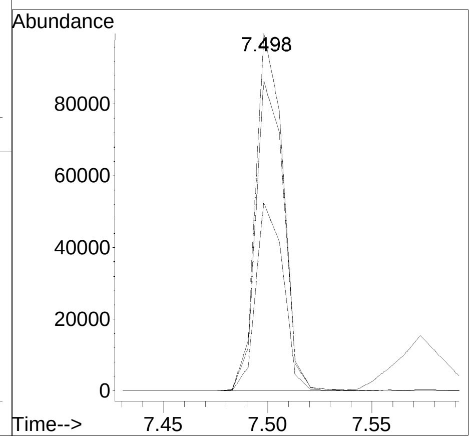


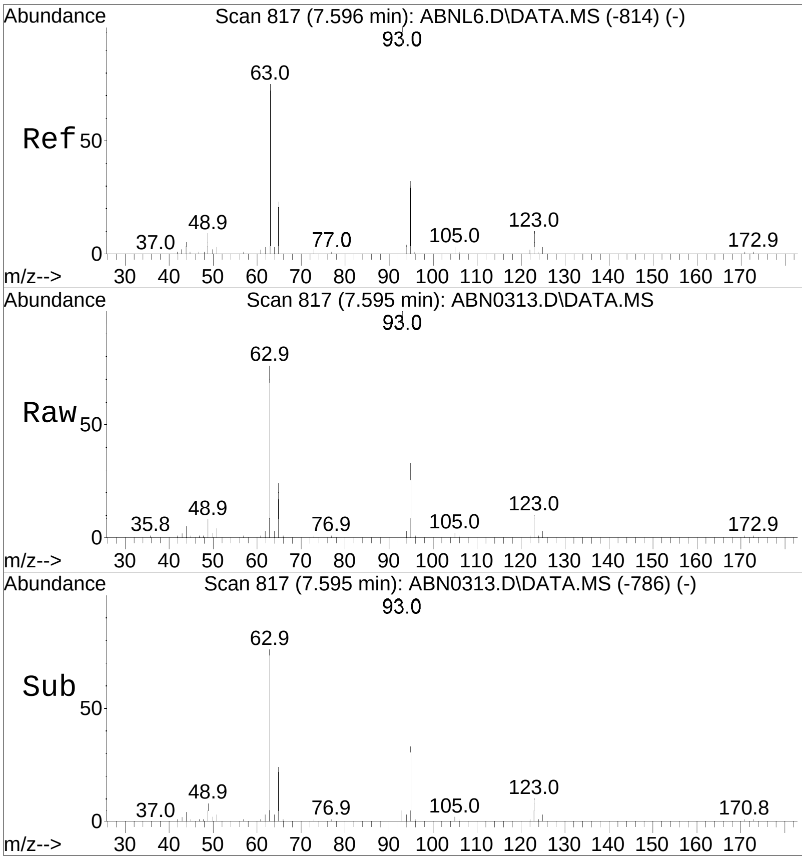


#23
2,4-Dimethylphenol
Concen: 5.07 ug/ml
RT: 7.498 min Scan# 806
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:107 Resp: 90896

Ion	Ratio	Lower	Upper
107	100		
121	52.7	40.0	60.0
122	89.6	70.2	105.4

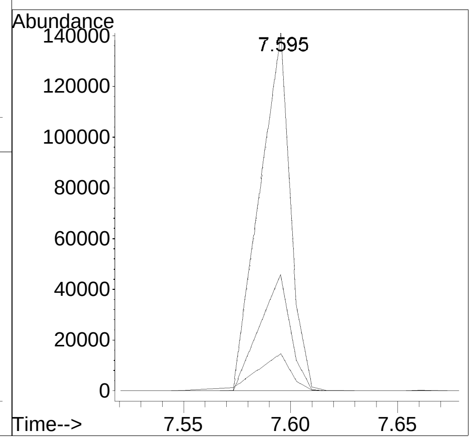


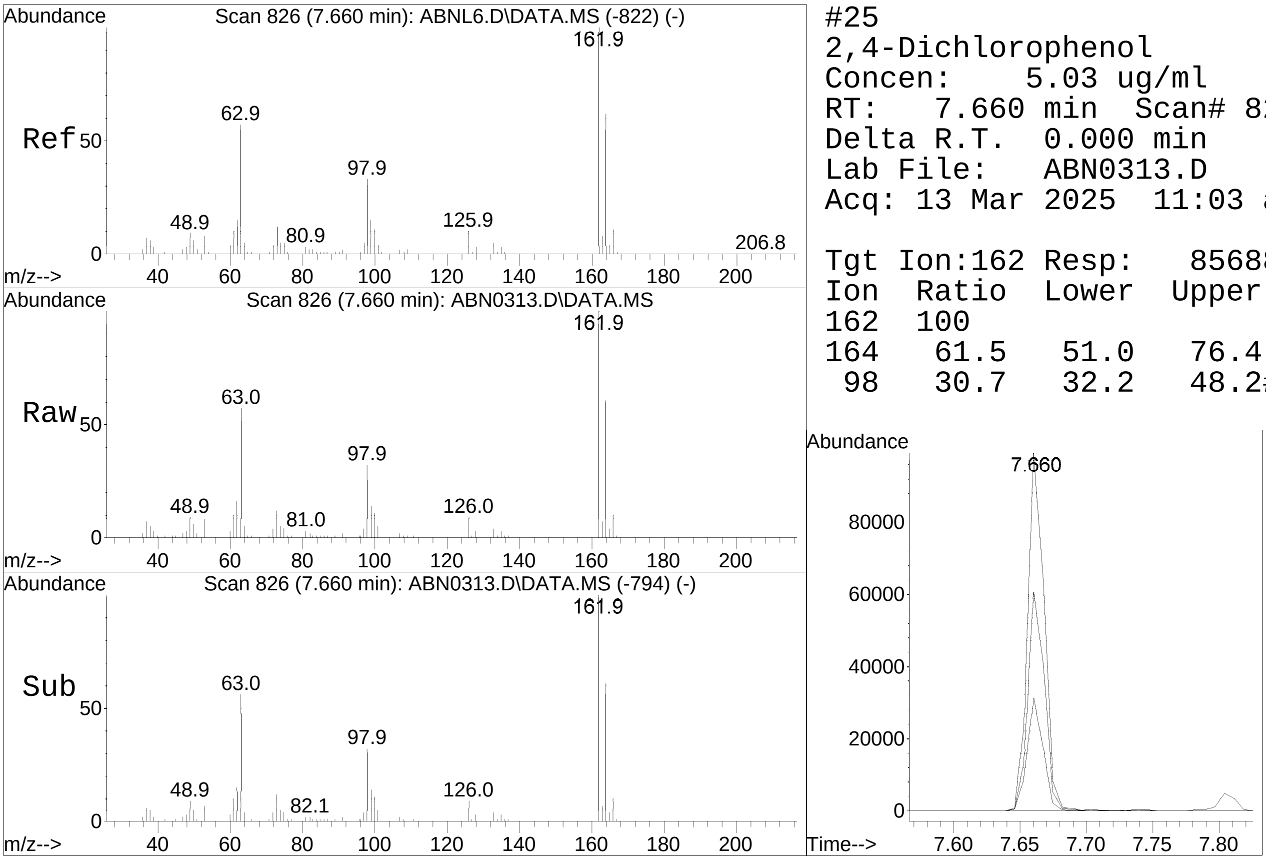


#24
Bis(2-chloroethoxy)methane
Concen: 3.87 ug/ml
RT: 7.595 min Scan# 817
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 93 Resp: 94969

Ion	Ratio	Lower	Upper
93	100		
95	36.0	25.8	38.8
123	12.3	10.1	15.1

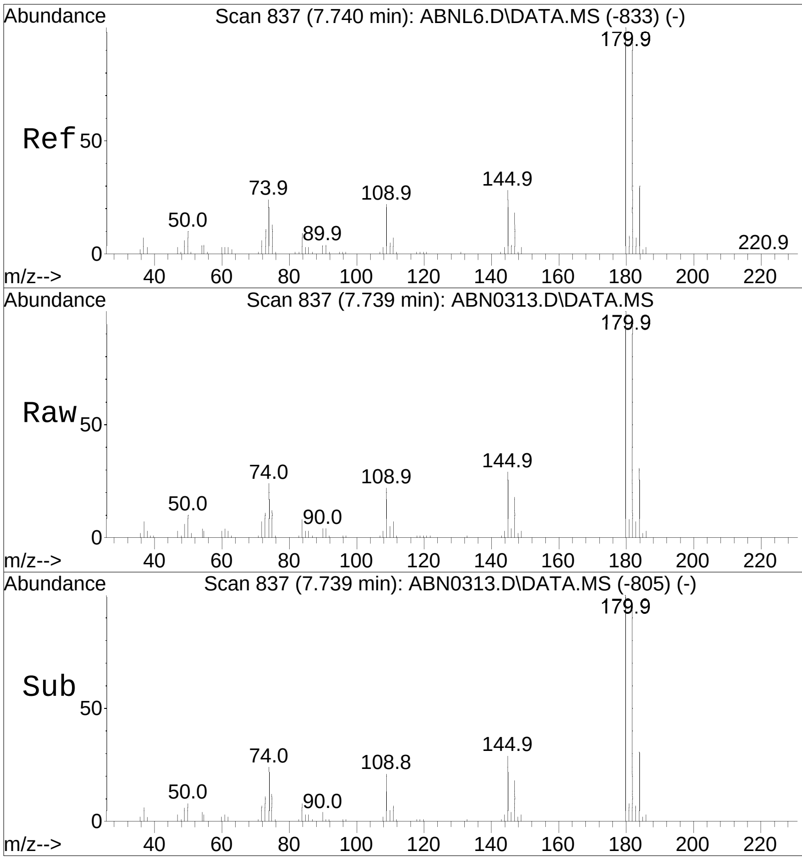




#25
2,4-Dichlorophenol
Concen: 5.03 ug/ml
RT: 7.660 min Scan# 826
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:162 Resp: 85688

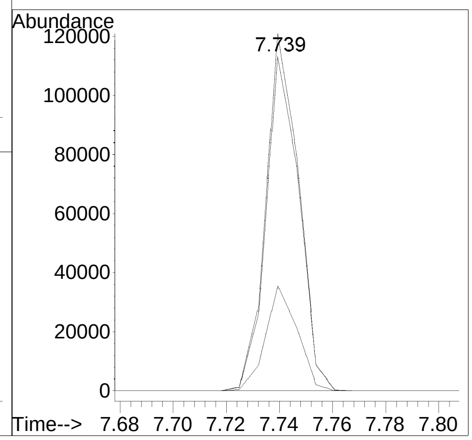
Ion	Ratio	Lower	Upper
162	100		
164	61.5	51.0	76.4
98	30.7	32.2	48.2#

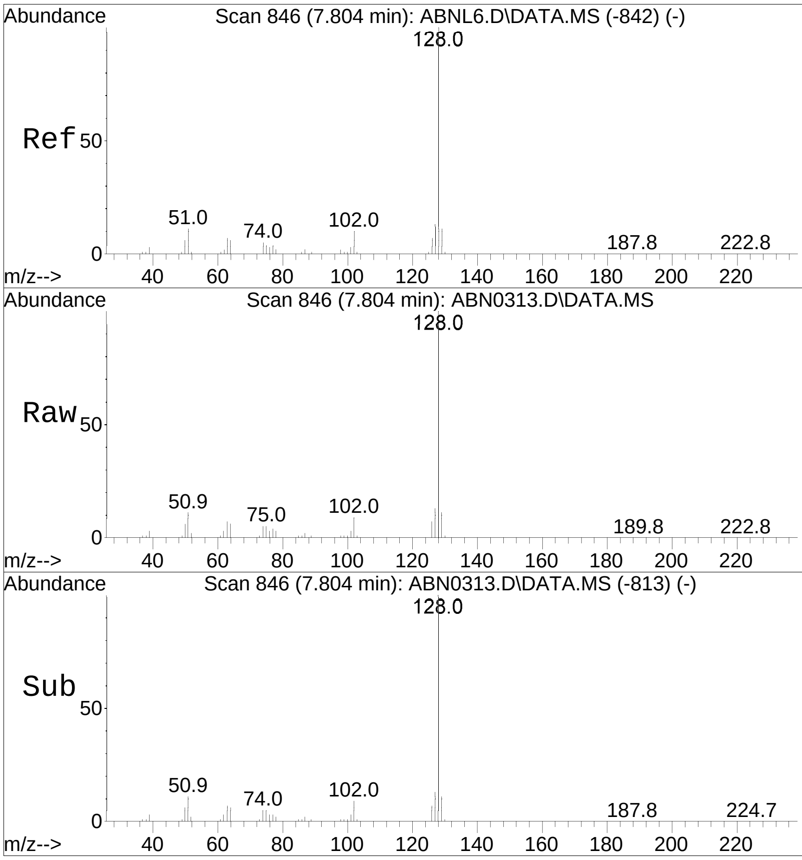


#26
1,2,4-Trichlorobenzene
Concen: 4.74 ug/ml
RT: 7.739 min Scan# 837
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:180 Resp: 103336

Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.0	114.0
145	28.5	25.7	38.5

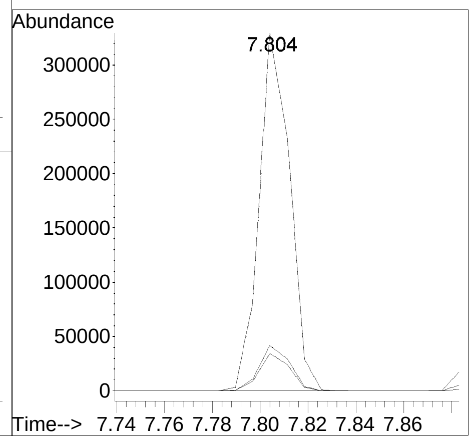


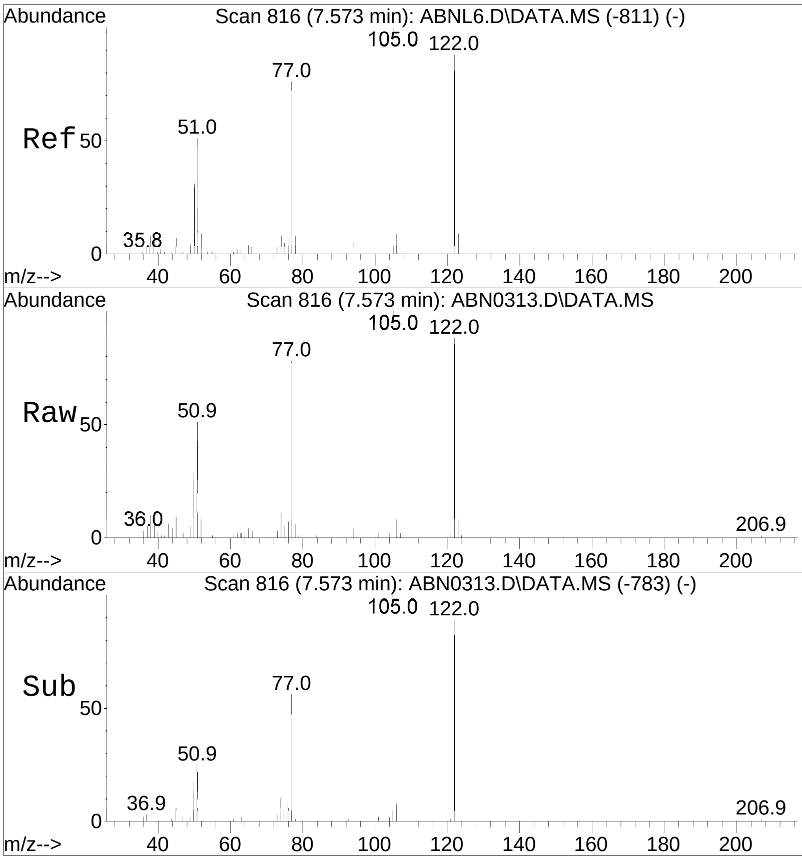


#36
Naphthalene
Concen: 4.74 ug/ml
RT: 7.804 min Scan# 846
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:128 Resp: 291303

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	12.8	10.3	15.5

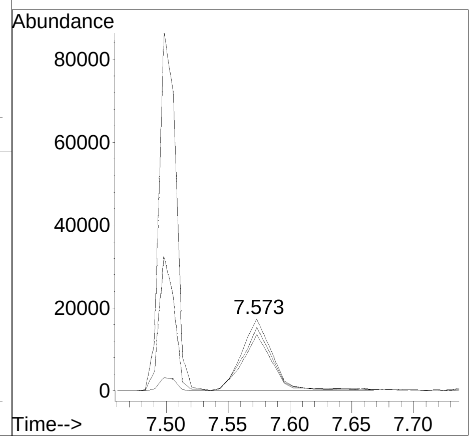


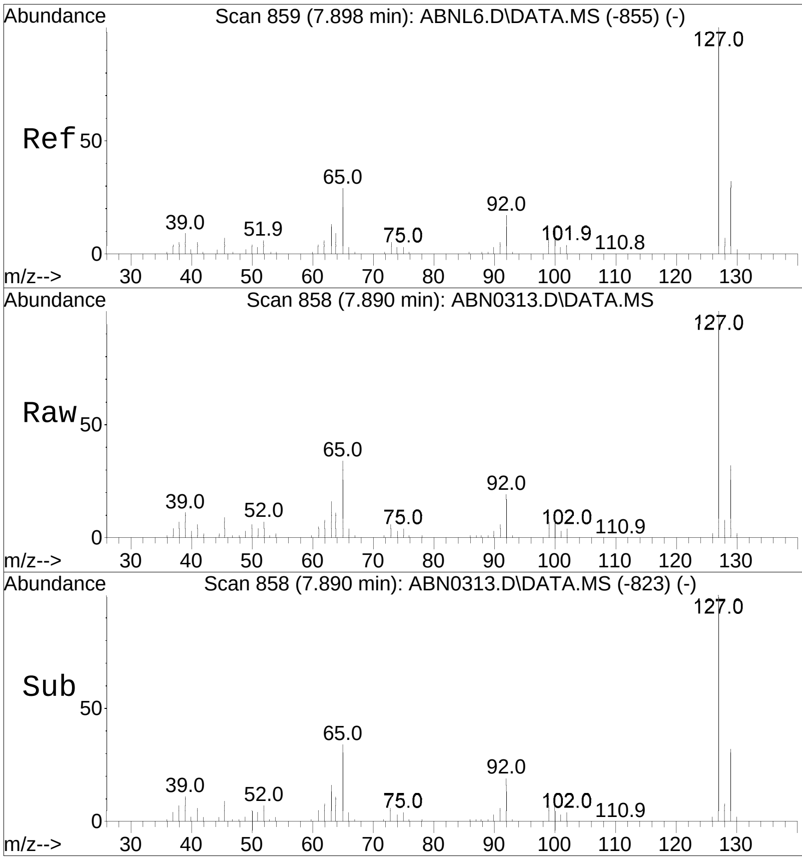


#37
Benzoic Acid
Concen: 3.27 ug/ml
RT: 7.573 min Scan# 816
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:105 Resp: 24316

Ion	Ratio	Lower	Upper
105	100		
122	86.8	59.9	89.9
77	77.8	60.1	90.1

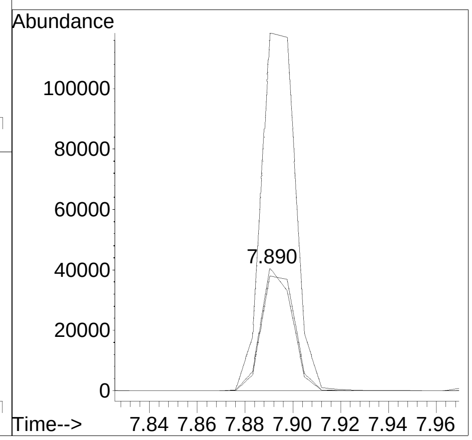


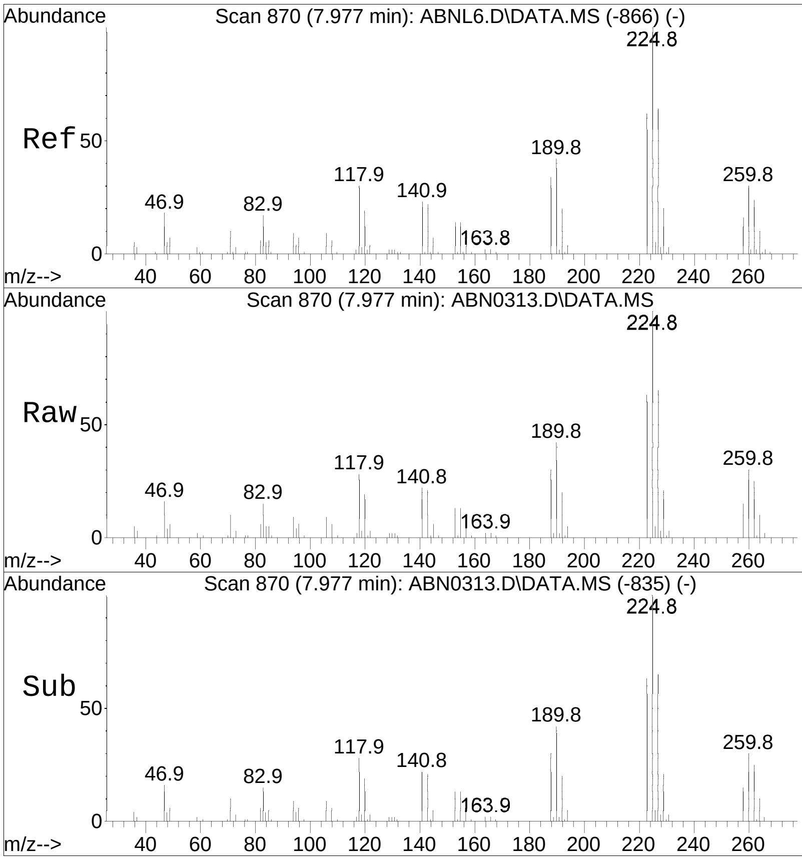


#38
4-Chloroaniline
Concen: 4.87 ug/ml
RT: 7.890 min Scan# 858
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 65 Resp: 36928

Ion	Ratio	Lower	Upper
65	100		
127	320.8	237.6	356.4
129	100.8	76.3	114.5

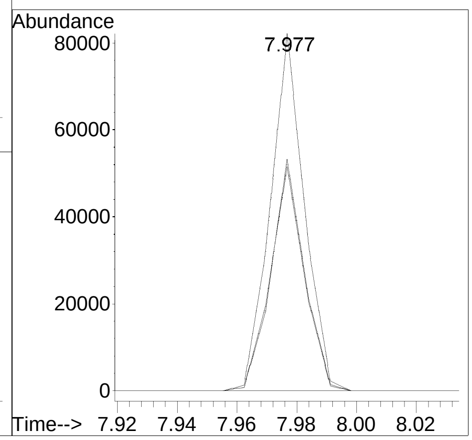


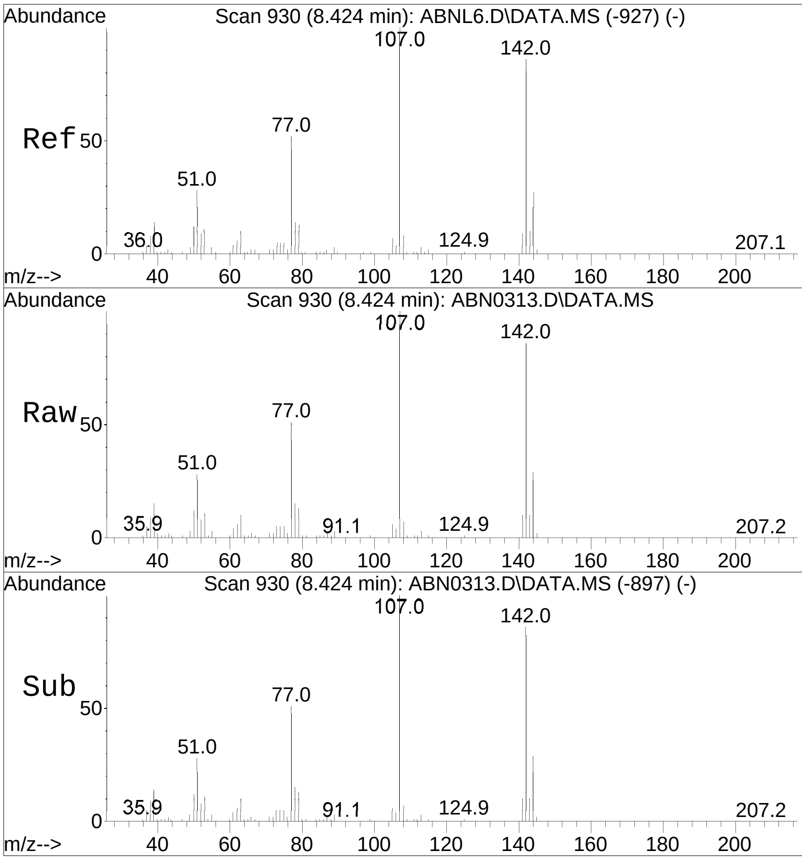


#39
Hexachlorobutadiene
Concen: 4.61 ug/ml
RT: 7.977 min Scan# 870
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:225 Resp: 64816

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.3	75.5
227	63.3	52.2	78.2

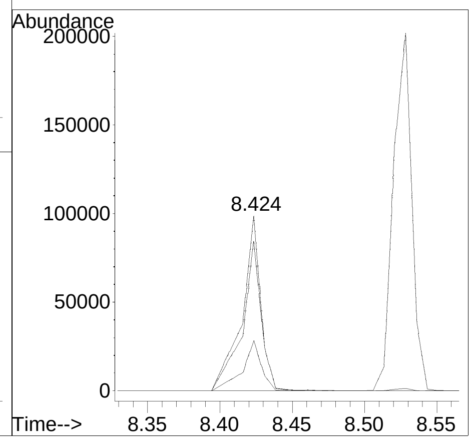


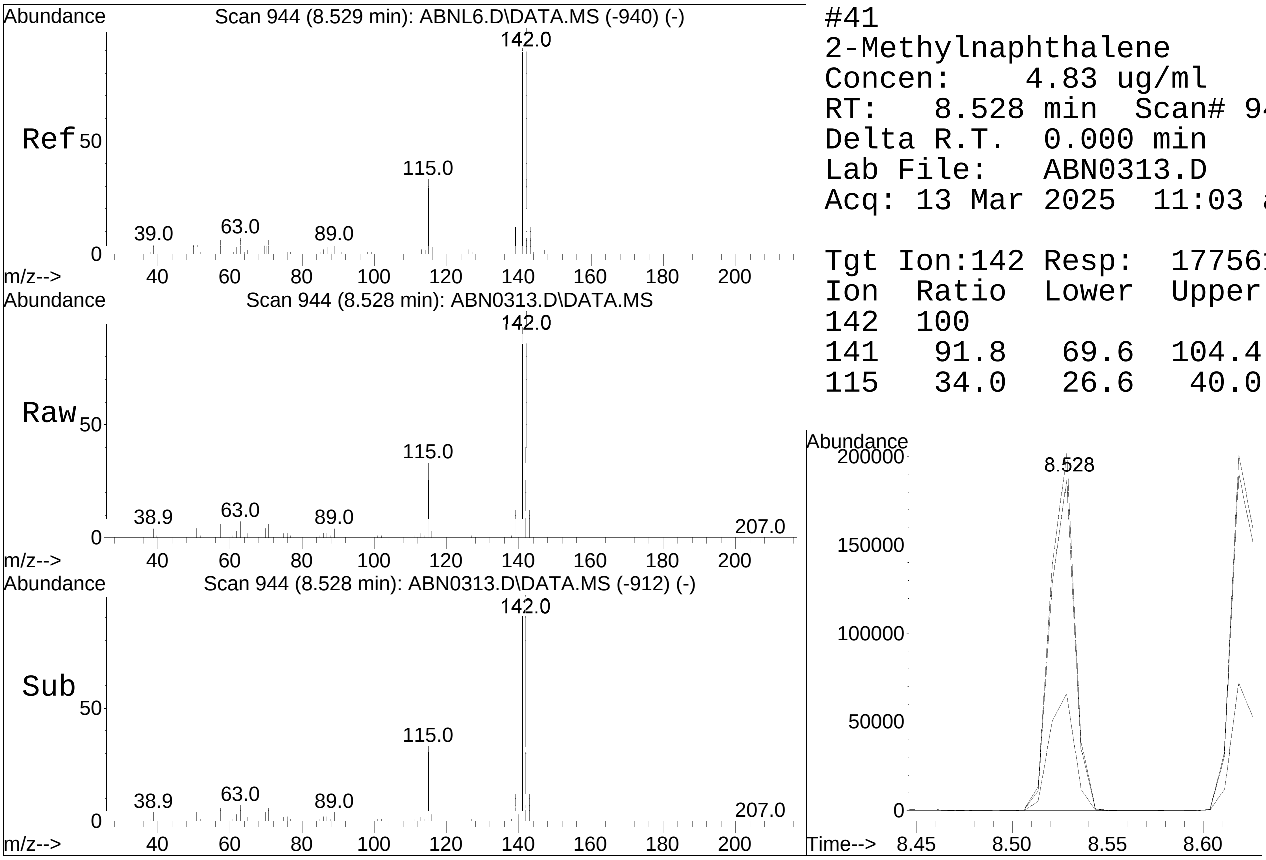


#40
p-Chloro-m-cresol
Concen: 4.50 ug/ml
RT: 8.424 min Scan# 930
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:107 Resp: 84236

Ion	Ratio	Lower	Upper
107	100		
144	30.8	20.9	31.3
142	88.7	66.1	99.1

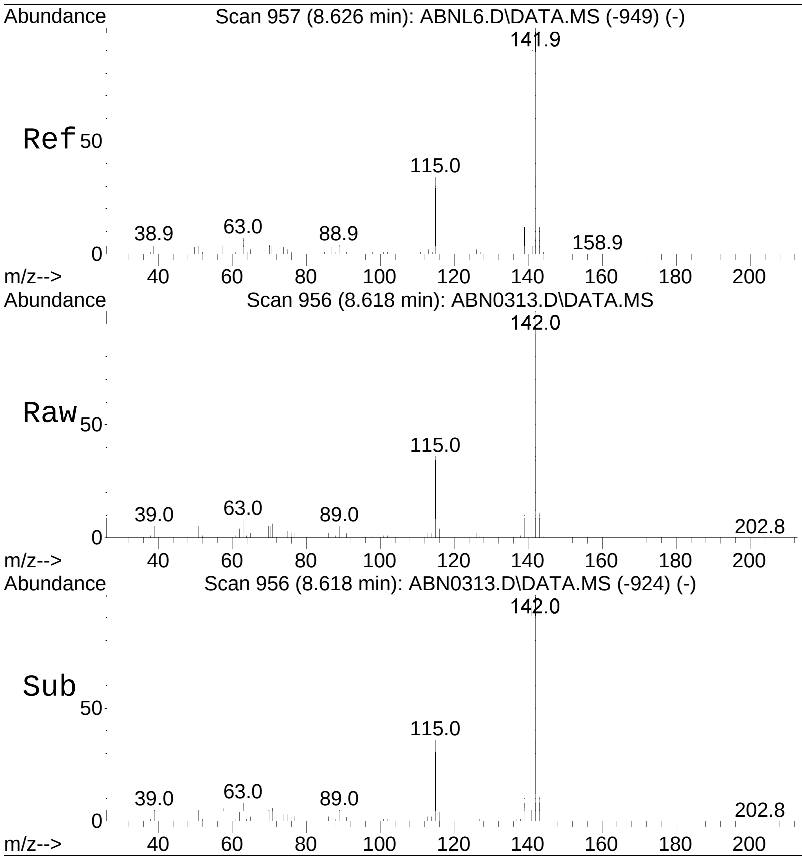




#41
2-Methylnaphthalene
Concen: 4.83 ug/ml
RT: 8.528 min Scan# 944
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:142 Resp: 177561

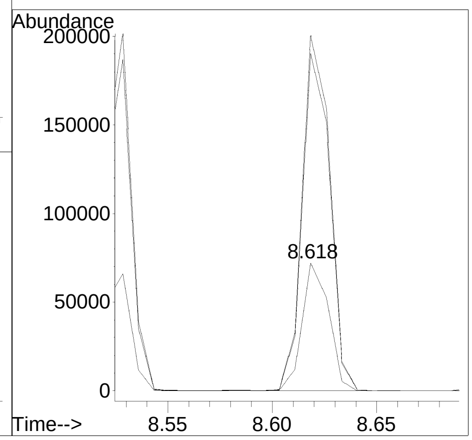
Ion	Ratio	Lower	Upper
142	100		
141	91.8	69.6	104.4
115	34.0	26.6	40.0

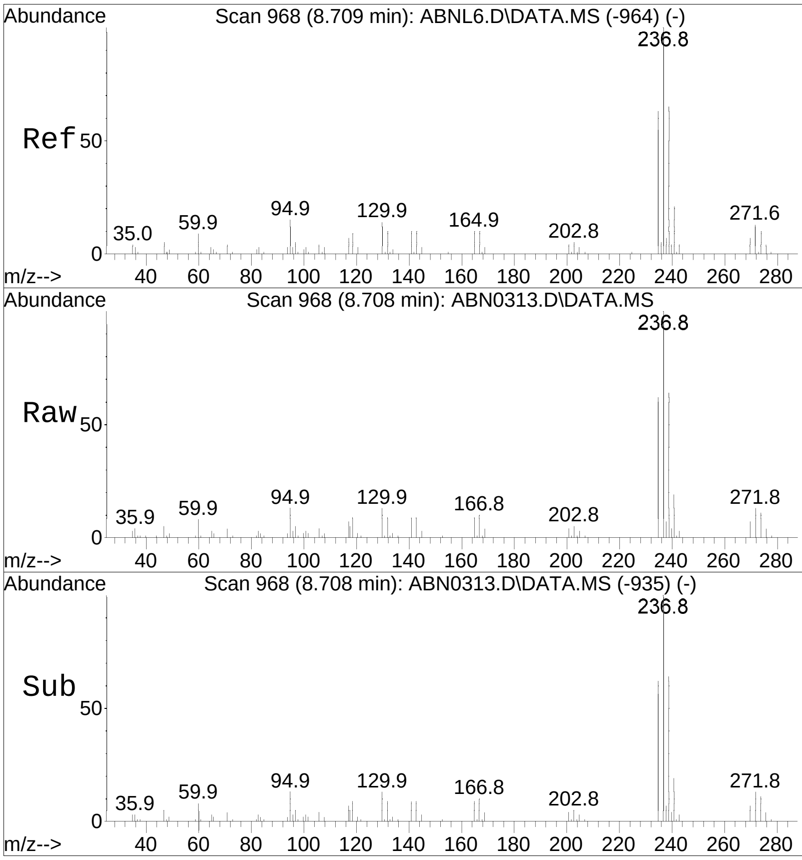


#42
1-Methylnaphthalene
Concen: 4.57 ug/ml
RT: 8.618 min Scan# 956
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:115 Resp: 64536

Ion	Ratio	Lower	Upper
115	100		
141	271.2	207.8	311.6
142	286.1	226.8	340.2

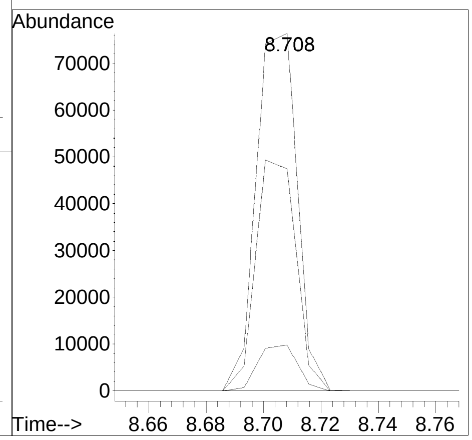


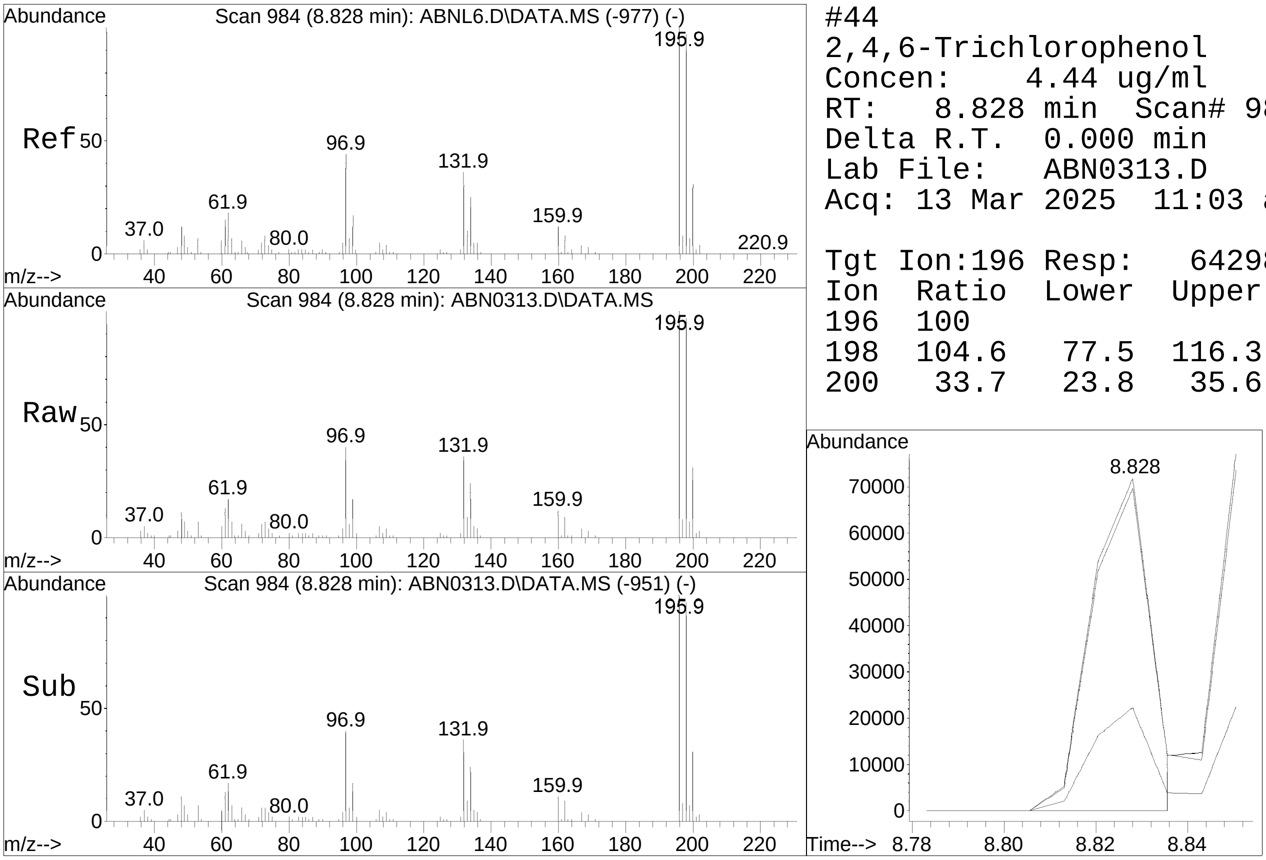


#43
Hexachlorocyclopentadiene
Concen: 4.40 ug/ml
RT: 8.708 min Scan# 968
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:237 Resp: 75997

Ion	Ratio	Lower	Upper
237	100		
235	63.6	49.7	74.5
272	12.5	9.8	14.6

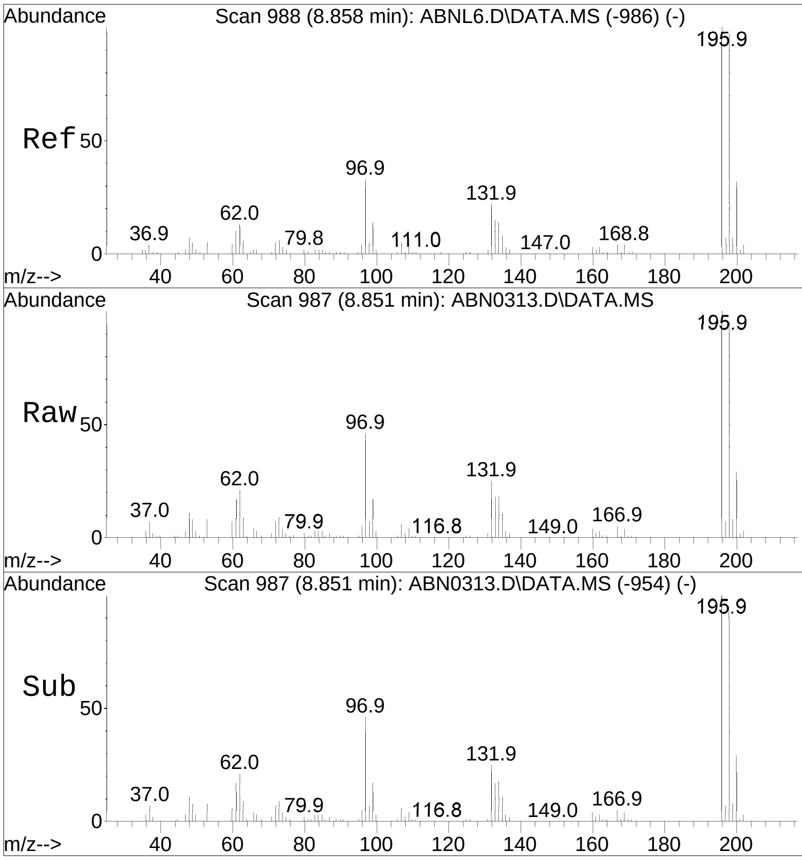




#44
2,4,6-Trichlorophenol
Concen: 4.44 ug/ml
RT: 8.828 min Scan# 984
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:196 Resp: 64298

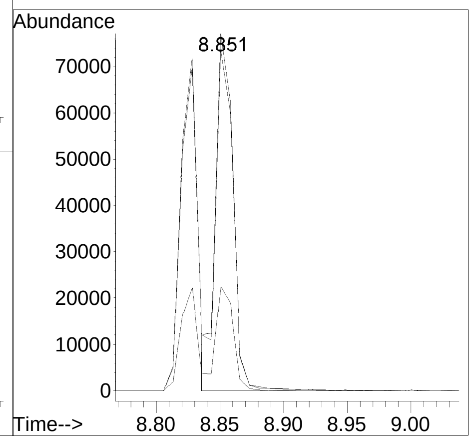
Ion	Ratio	Lower	Upper
196	100		
198	104.6	77.5	116.3
200	33.7	23.8	35.6



#45
2,4,5-Trichlorophenol
Concen: 5.04 ug/ml
RT: 8.851 min Scan# 987
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:196 Resp: 74038

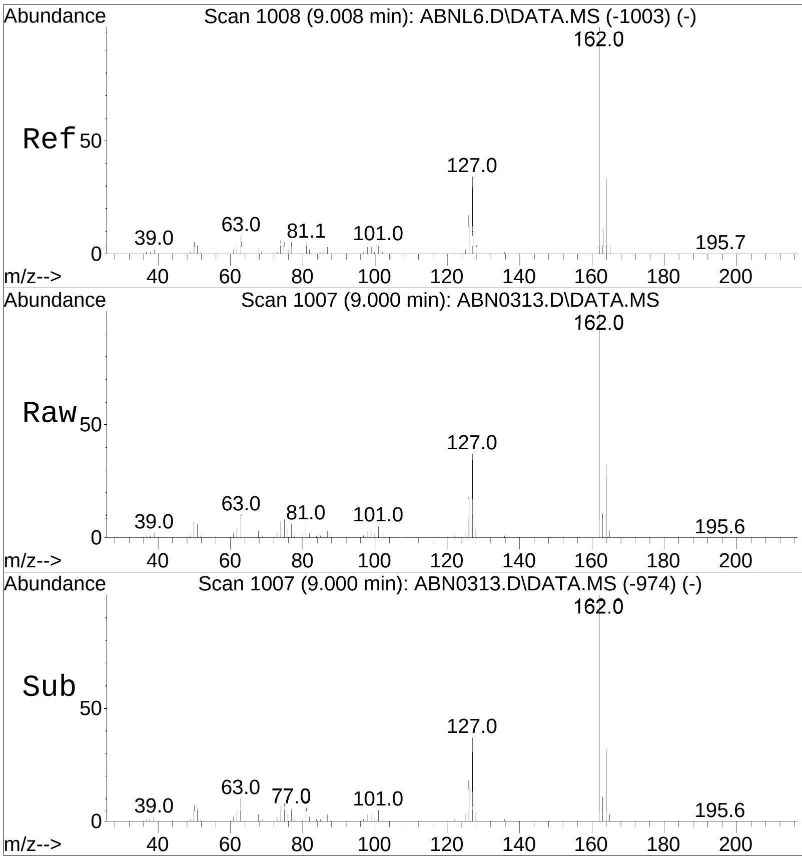
Ion	Ratio	Lower	Upper
196	100		
200	27.0	25.4	38.0
198	88.7	78.0	117.0

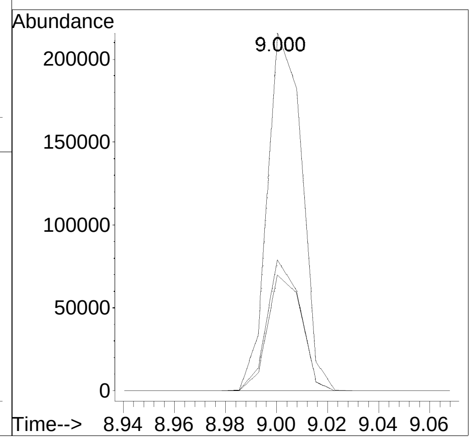


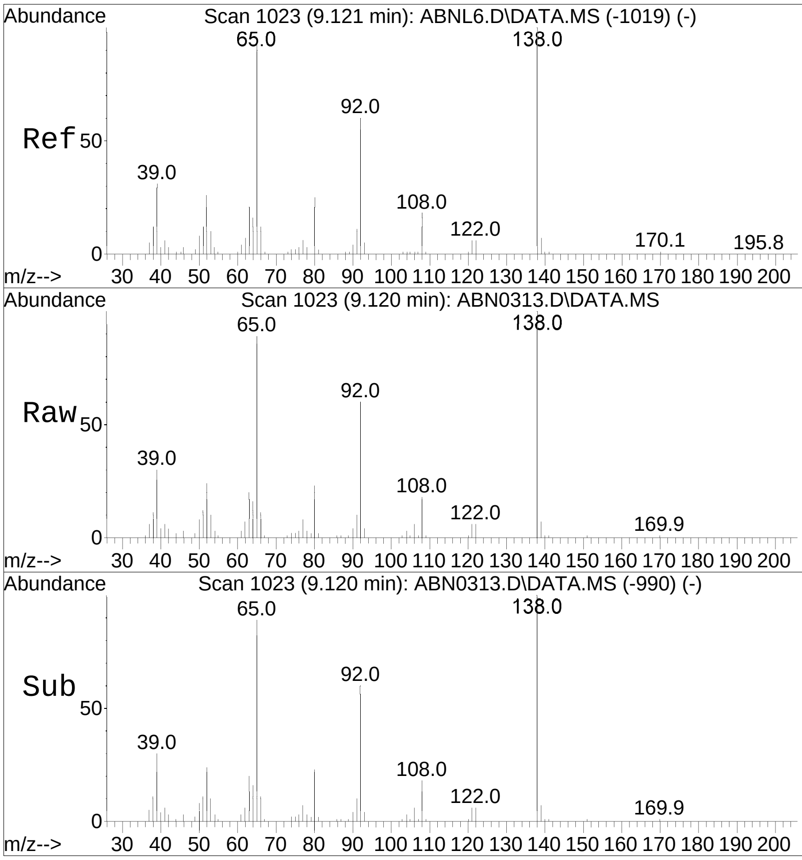
#47
2-Chloronaphthalene
Concen: 4.64 ug/ml
RT: 9.000 min Scan# 1007
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:162 Resp: 202125

Ion	Ratio	Lower	Upper
162	100		
127	35.3	32.2	48.4
164	32.3	25.7	38.5



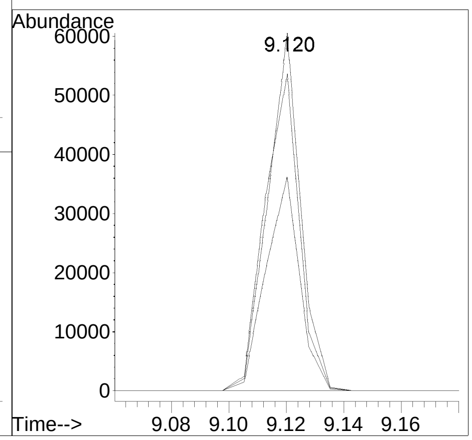


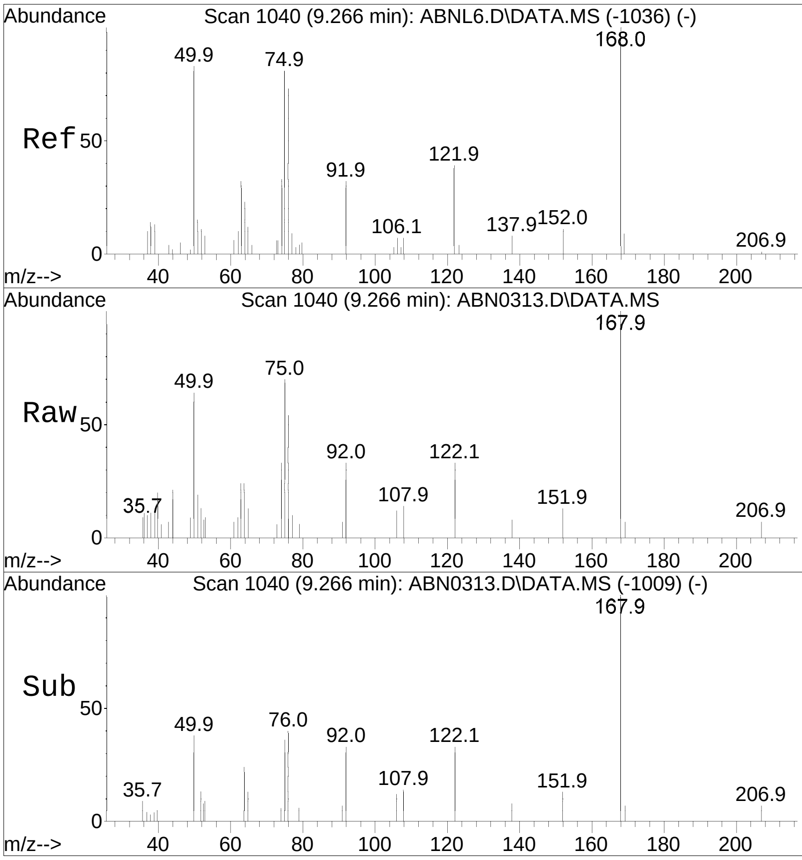


#48
2-Nitroaniline
Concen: 4.99 ug/ml
RT: 9.120 min Scan# 1023
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:138 Resp: 47795

Ion	Ratio	Lower	Upper
138	100		
92	61.9	53.5	80.3
65	93.4	86.3	129.5

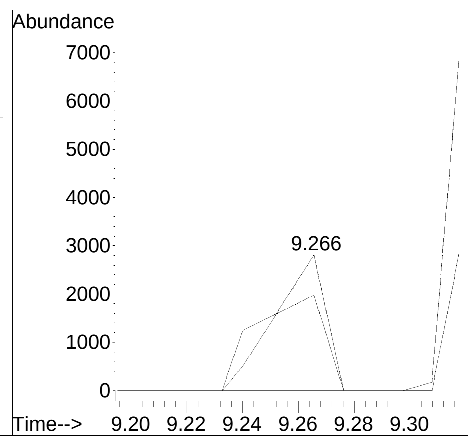


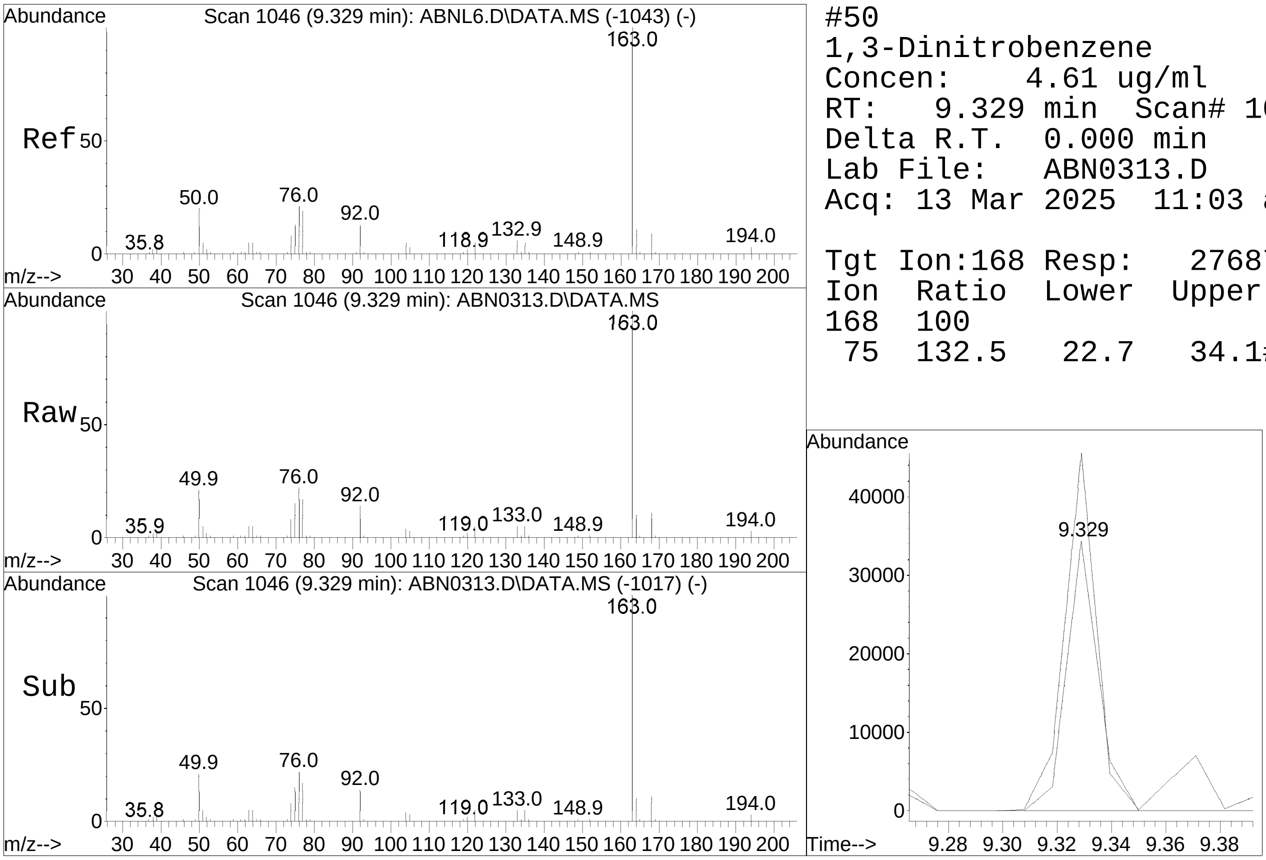


#49
1,4-Dinitrobenzene
Concen: 3.26 ug/ml M3
RT: 9.266 min Scan# 1040
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:168 Resp: 2450

Ion	Ratio	Lower	Upper
168	100		
75	1497.1	121.8	182.8#

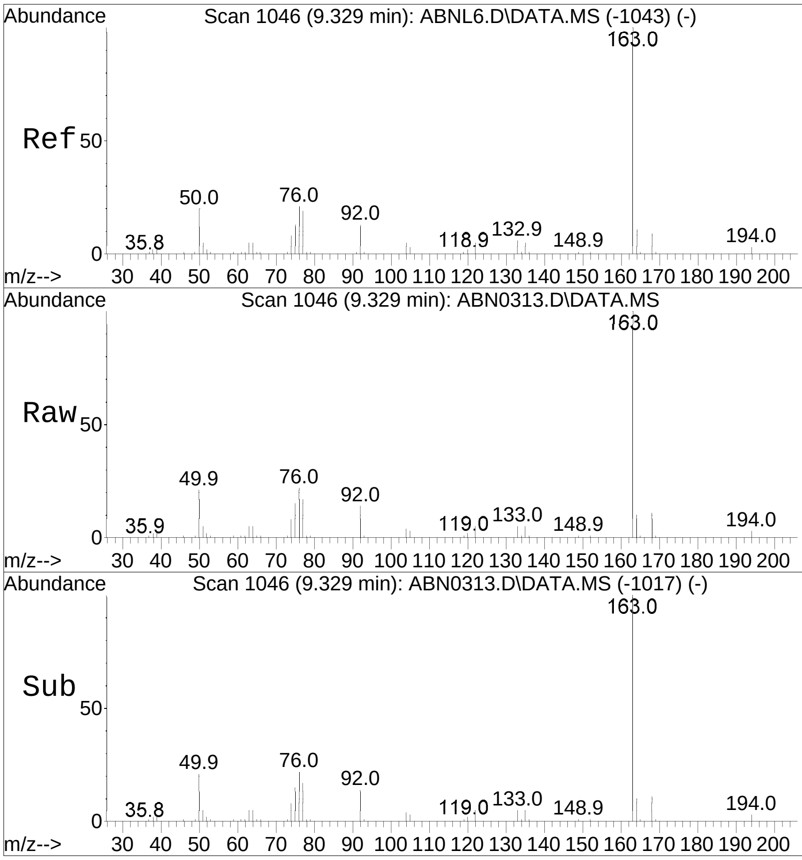




#50
1,3-Dinitrobenzene
Concen: 4.61 ug/ml
RT: 9.329 min Scan# 1046
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:168 Resp: 27687

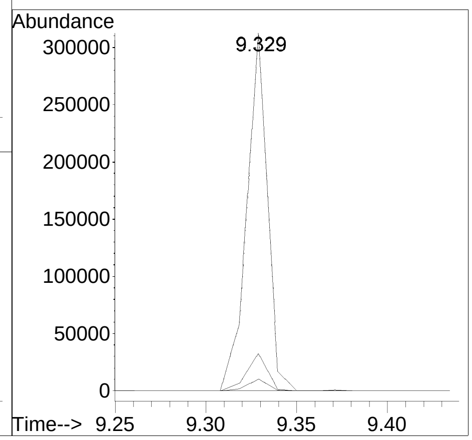
Ion	Ratio	Lower	Upper
168	100		
75	132.5	22.7	34.1#

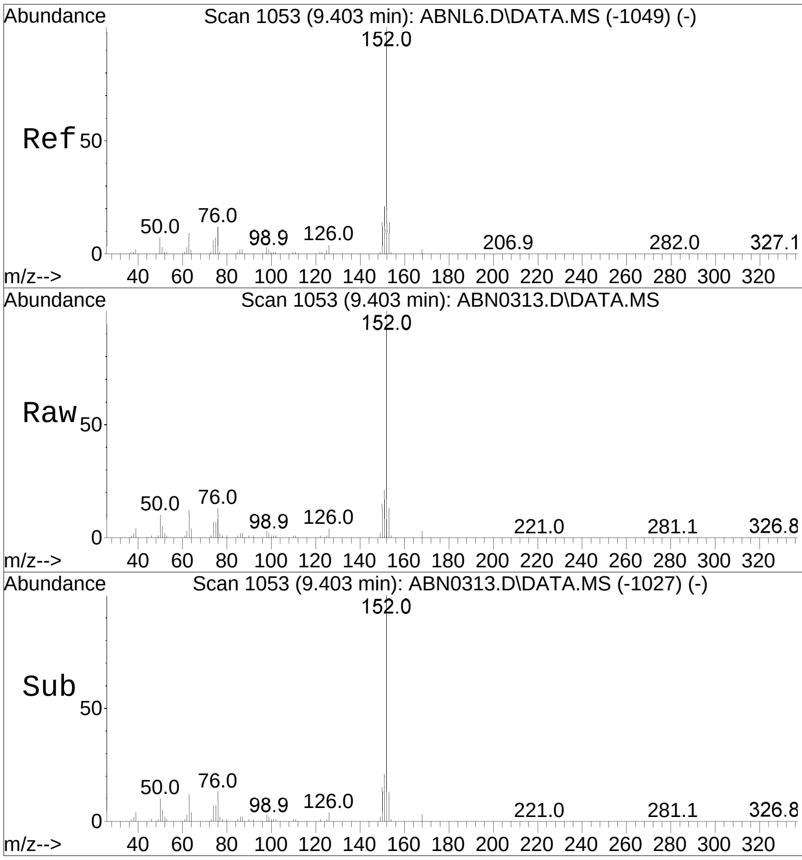


#51
Dimethyl phthalate
Concen: 4.68 ug/ml
RT: 9.329 min Scan# 1046
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:163 Resp: 244821

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	10.5	7.9	11.9

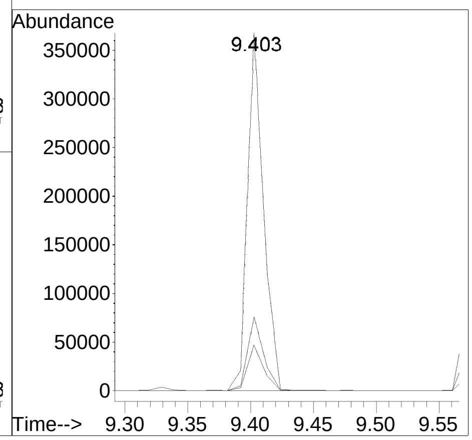


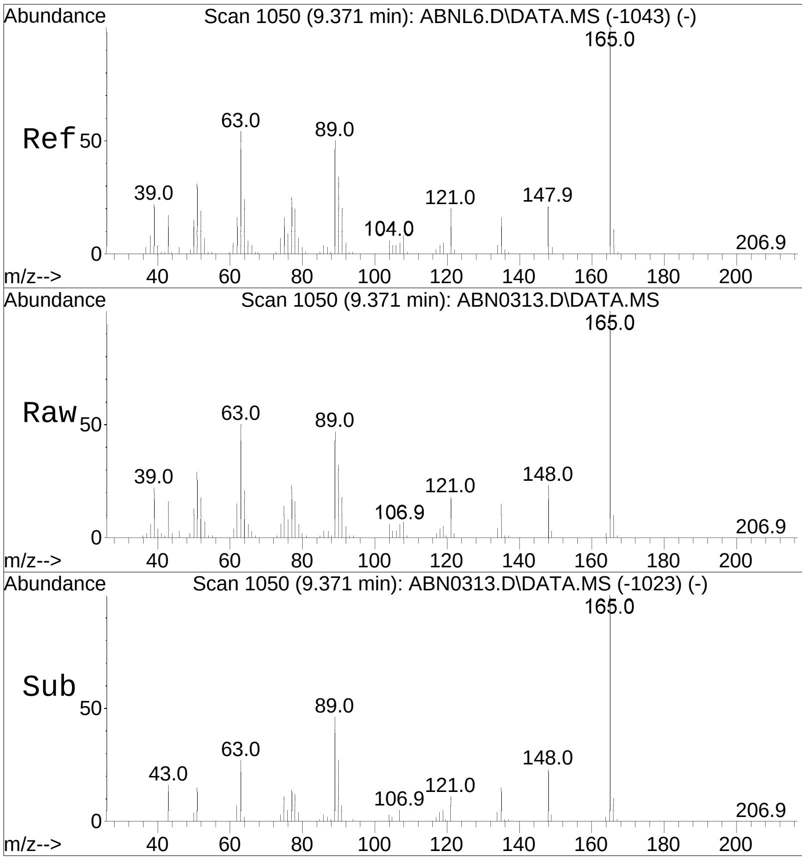


#52
Acenaphthylene
Concen: 4.65 ug/ml
RT: 9.403 min Scan# 1053
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:152 Resp: 322215

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.6
153	12.8	10.5	15.7

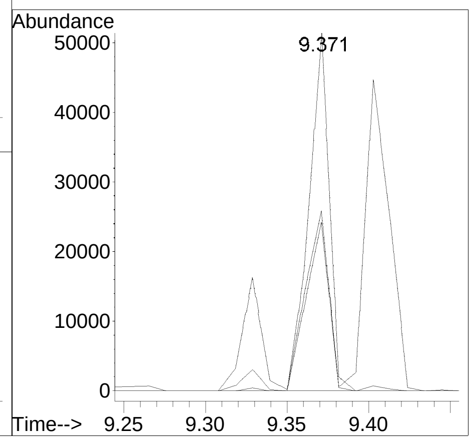


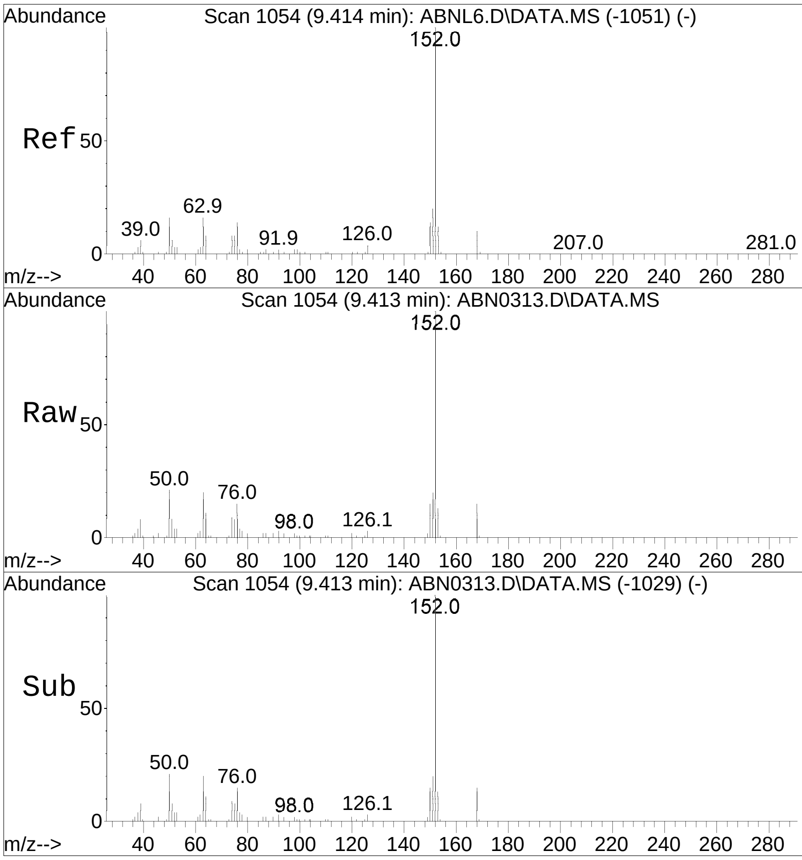


#53
2,6-Dinitrotoluene
Concen: 5.42 ug/ml
RT: 9.371 min Scan# 1050
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:165 Resp: 47130

Ion	Ratio	Lower	Upper
165	100		
89	50.1	54.2	81.2#
63	54.1	64.2	96.2#

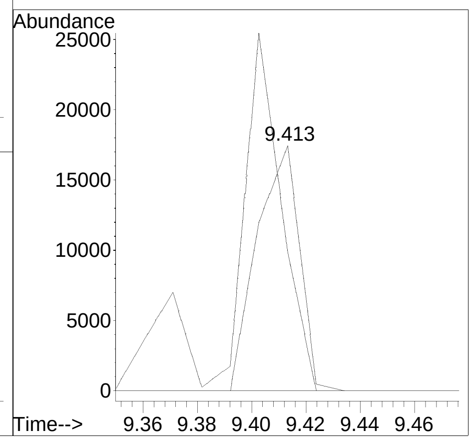


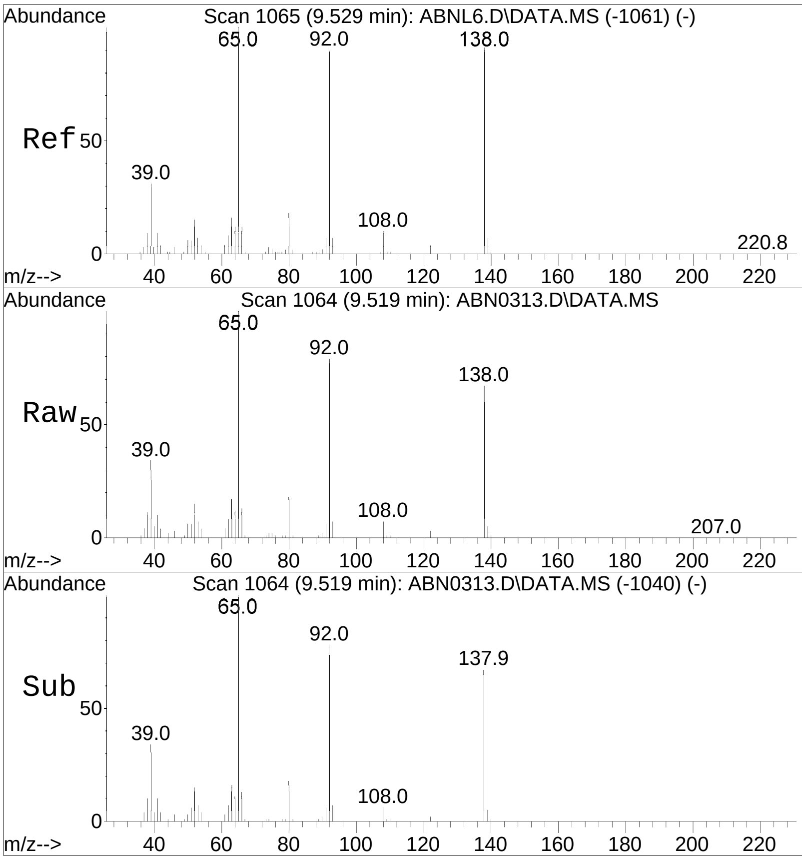


#54
1,2-Dinitrobenzene
Concen: 5.20 ug/ml
RT: 9.413 min Scan# 1054
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:168 Resp: 18903

Ion	Ratio	Lower	Upper
168	100		
75	160.8	30.9	46.3#

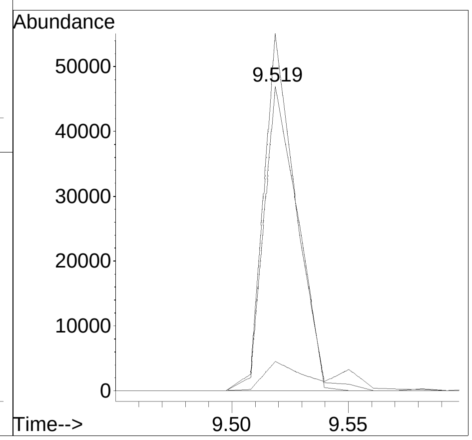


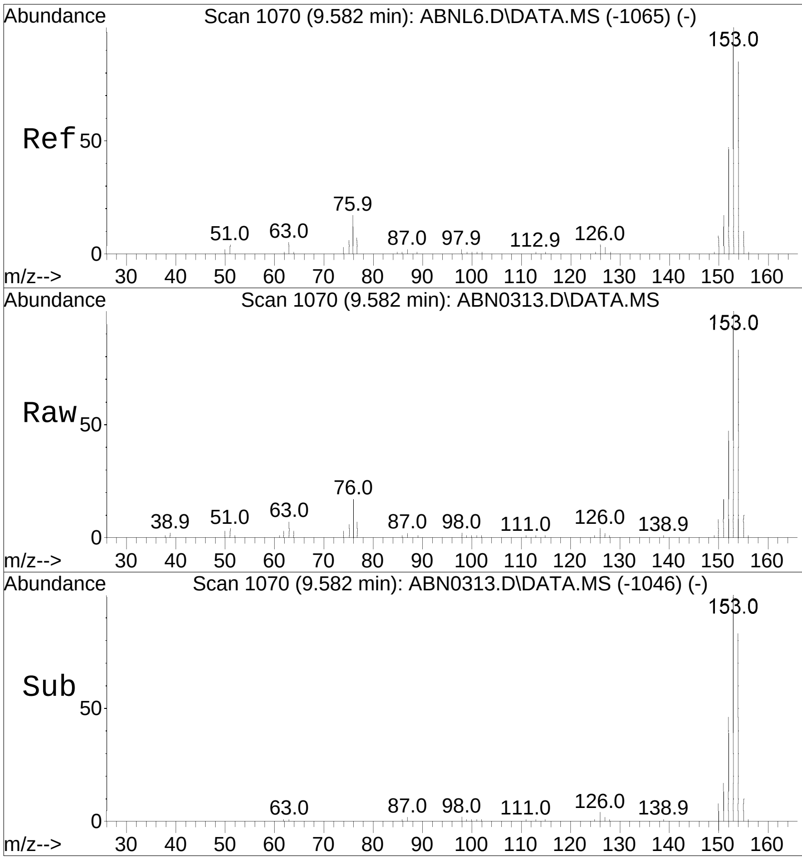


#64
3-Nitroaniline
Concen: 5.34 ug/ml
RT: 9.519 min Scan# 1064
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:138 Resp: 47348

Ion	Ratio	Lower	Upper
138	100		
92	111.5	93.4	140.2
108	17.1	9.5	14.3#

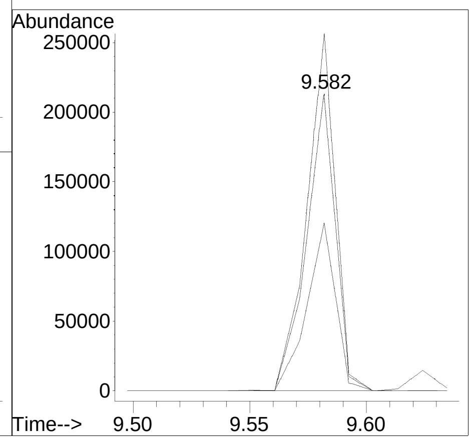


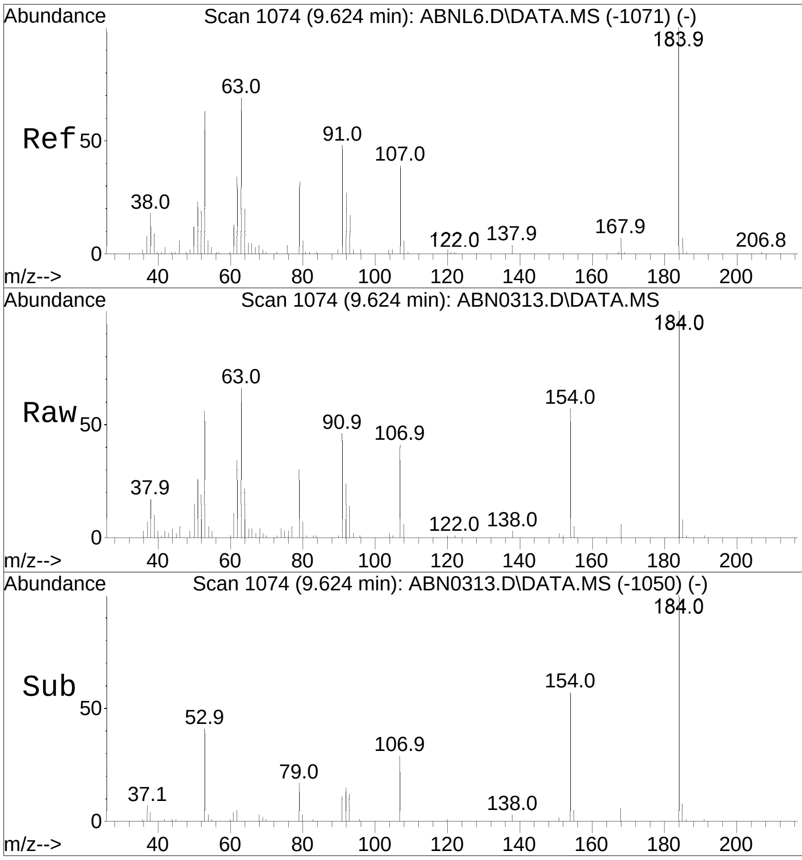


#65
Acenaphthene
Concen: 4.74 ug/ml
RT: 9.582 min Scan# 1070
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:154 Resp: 183629

Ion	Ratio	Lower	Upper
154	100		
153	118.5	85.3	127.9
152	56.1	41.4	62.0

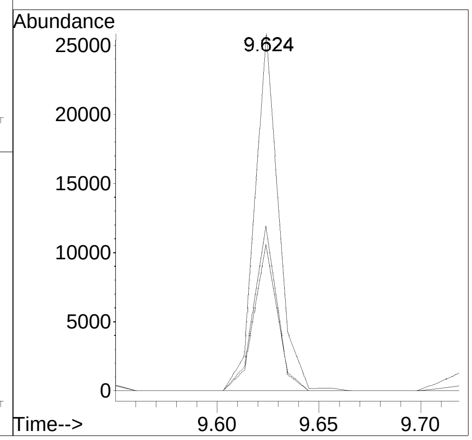


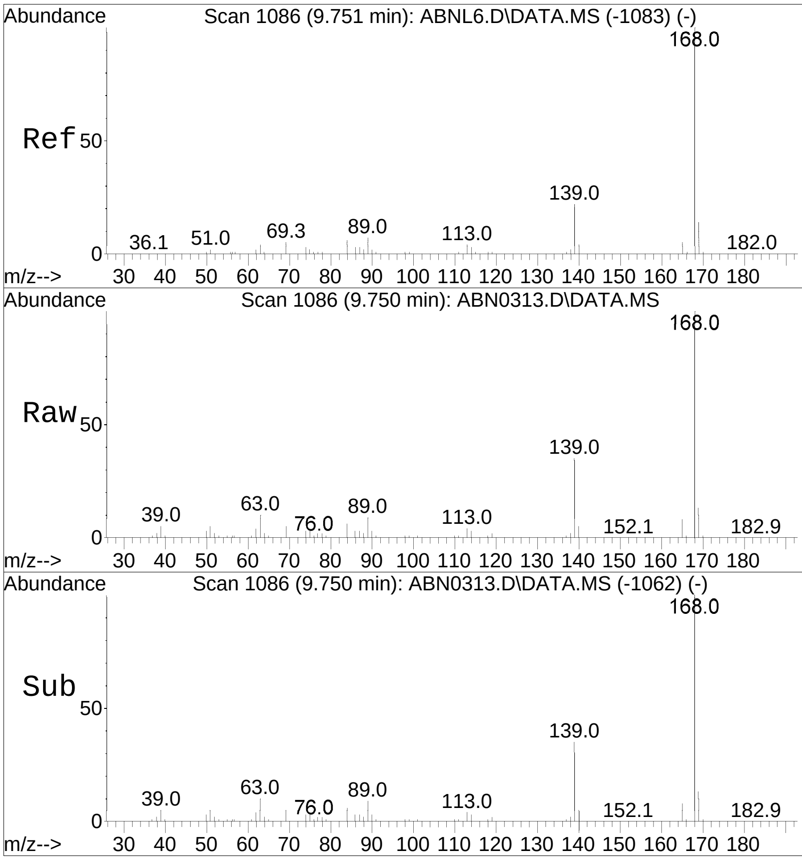


#66
2,4-Dinitrophenol
Concen: 4.58 ug/ml
RT: 9.624 min Scan# 1074
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:184 Resp: 20875

Ion	Ratio	Lower	Upper
184	100		
107	40.7	37.7	56.5
91	45.0	46.3	69.5#

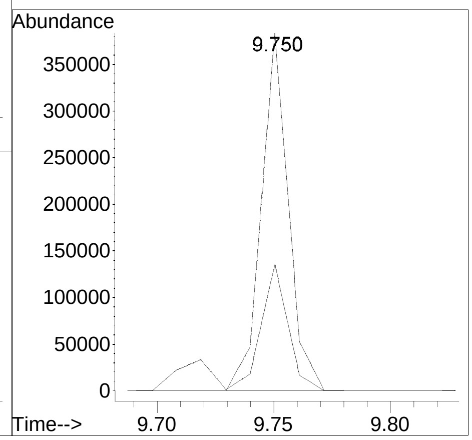


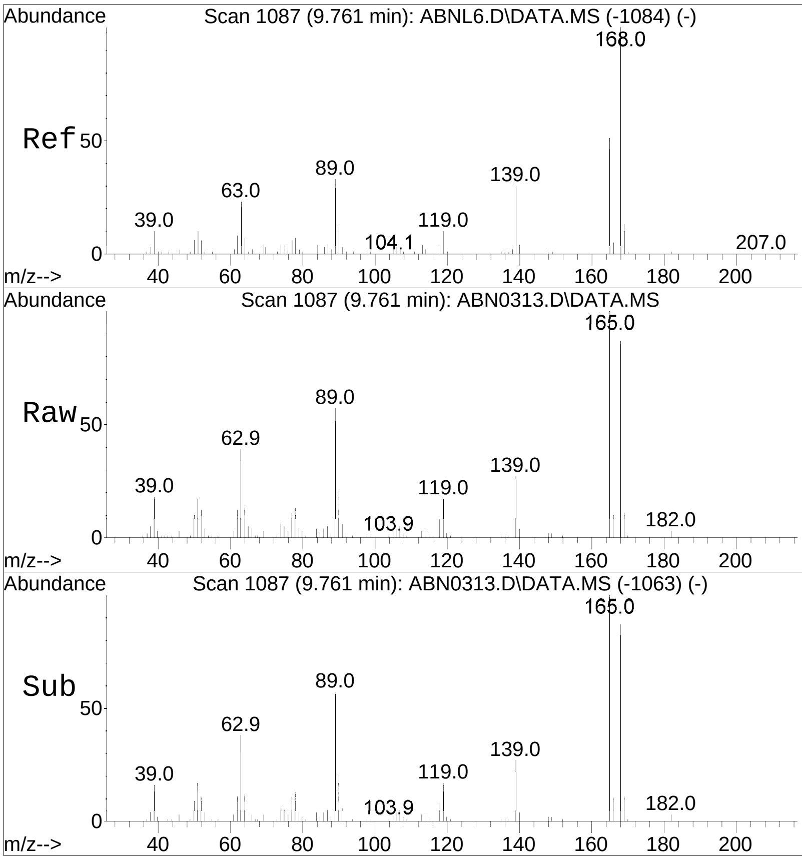


#67
Dibenzofuran
Concen: 4.54 ug/ml
RT: 9.750 min Scan# 1086
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:168 Resp: 305446

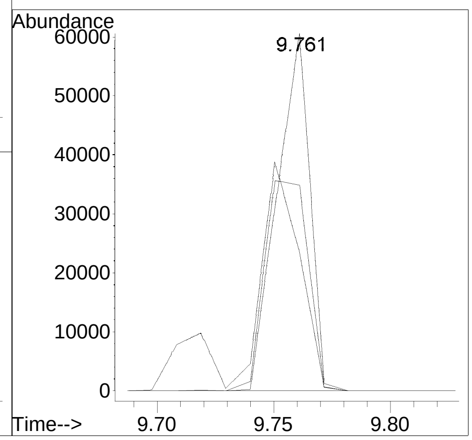
Ion	Ratio	Lower	Upper
168	100		
139	47.1	31.4	47.2

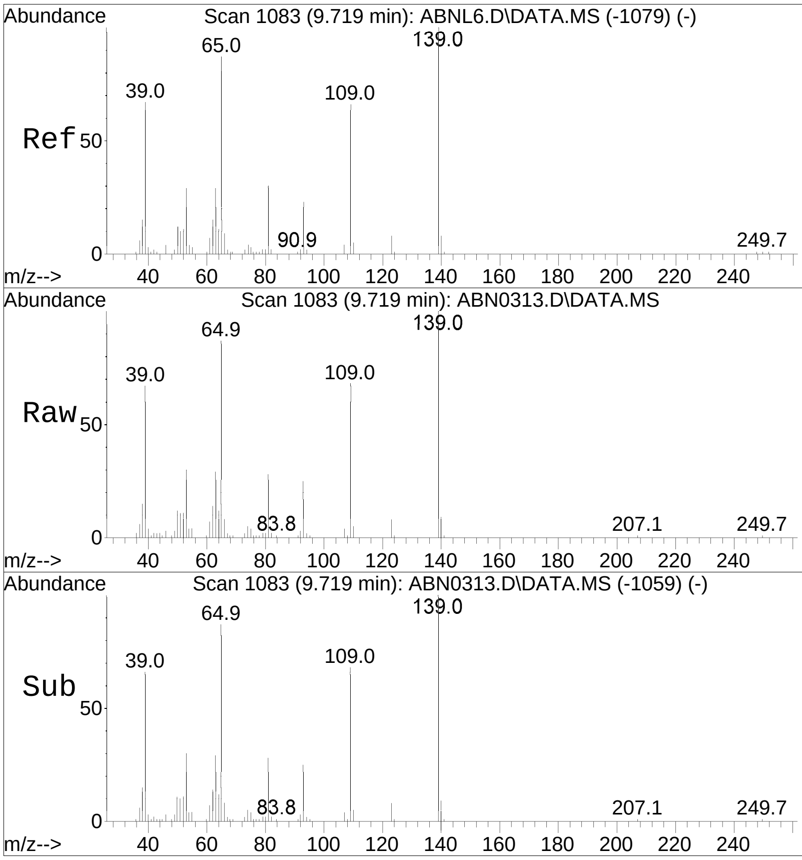




#68
2,4-Dinitrotoluene
Concen: 4.81 ug/ml
RT: 9.761 min Scan# 1087
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt	Ion:165	Resp:	58736
Ion	Ratio	Lower	Upper
165	100		
89	78.5	72.0	108.0
63	92.4	52.7	79.1#

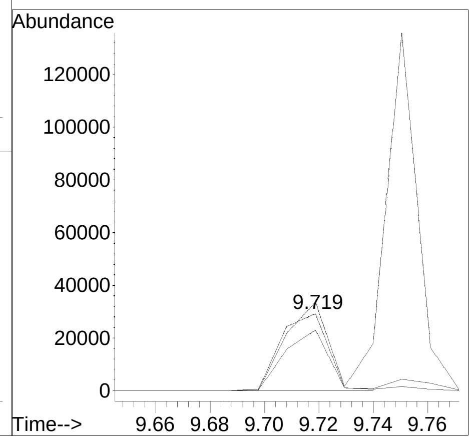


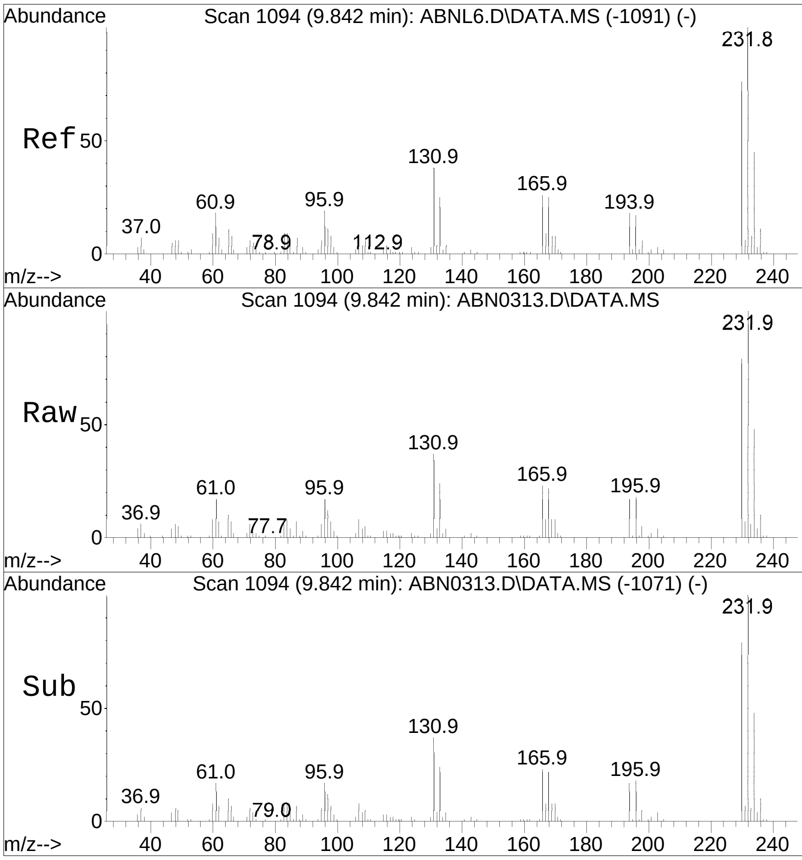


#69
4-Nitrophenol
Concen: 5.24 ug/ml
RT: 9.719 min Scan# 1083
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 65 Resp: 35437

Ion	Ratio	Lower	Upper
65	100		
109	72.5	47.4	71.2#
139	0.0	76.6	115.0#

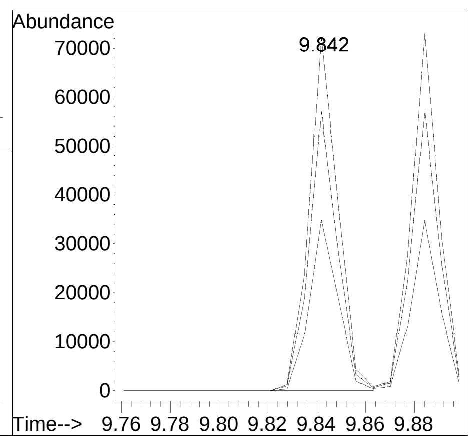


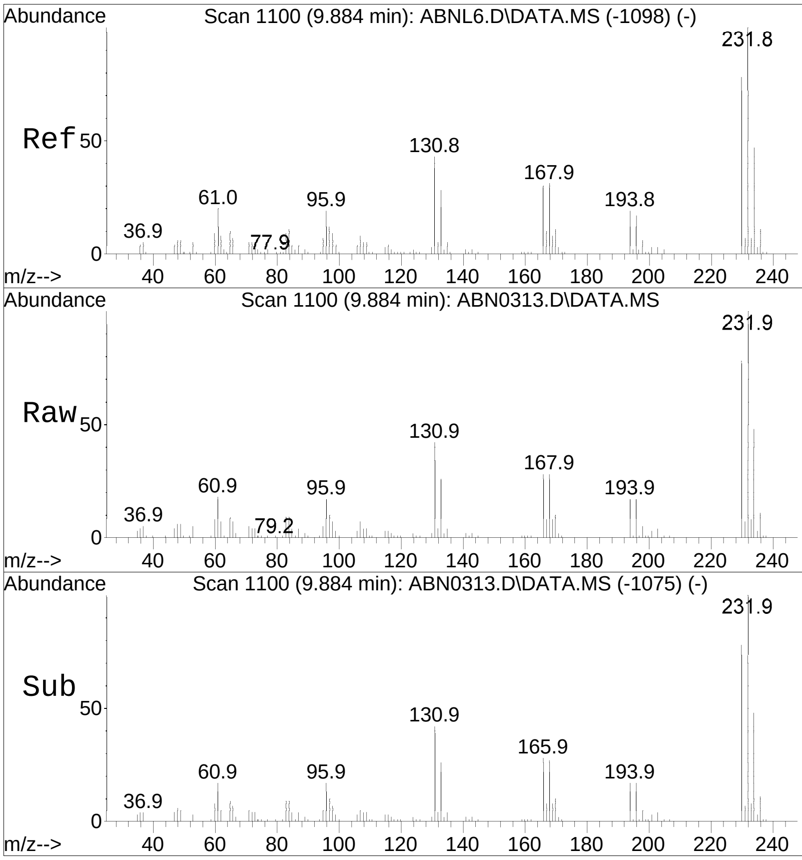


#70
2,3,5,6-Tetrachlorophenol
Concen: 6.57 ug/ml
RT: 9.842 min Scan# 1094
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:232 Resp: 84324

Ion	Ratio	Lower	Upper
232	100		
230	77.7	64.2	96.4
234	48.1	38.1	57.1

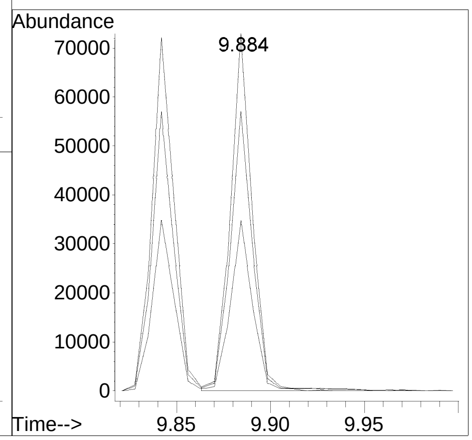


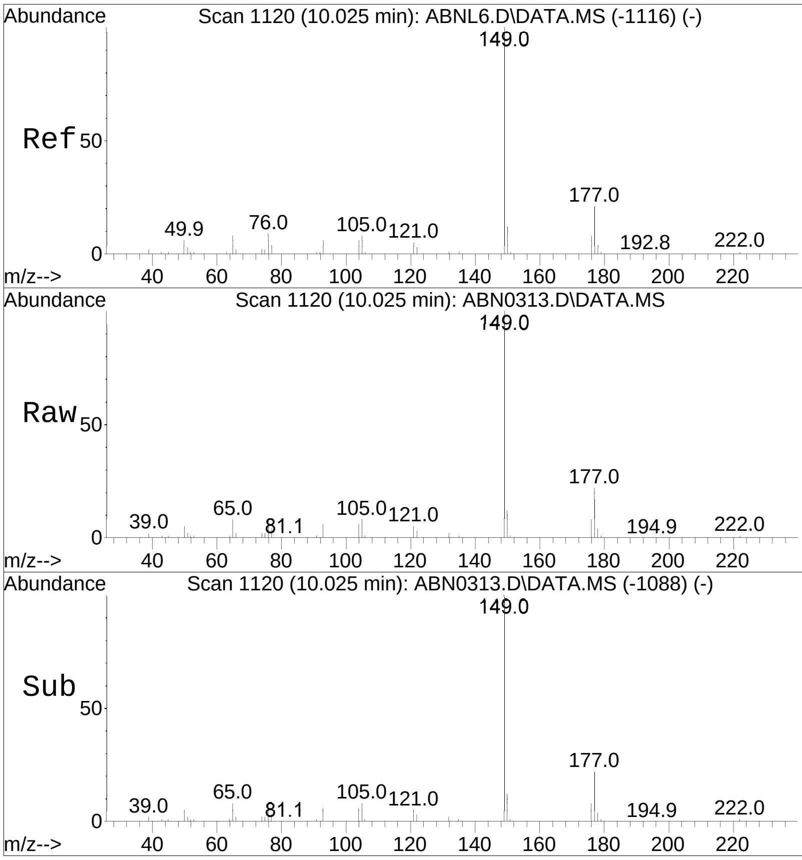


#71
2,3,4,6-Tetrachlorophenol
Concen: 4.90 ug/ml
RT: 9.884 min Scan# 1100
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:232 Resp: 59231

Ion	Ratio	Lower	Upper
232	100		
230	80.3	61.8	92.8
234	47.9	36.2	54.2

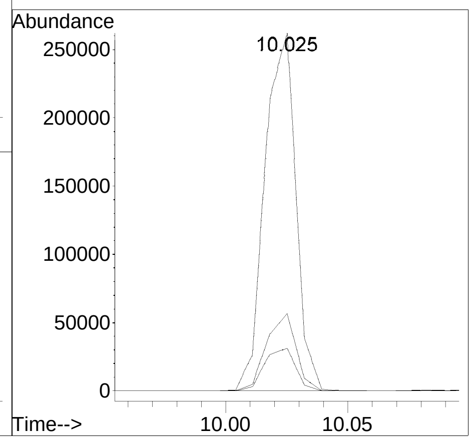


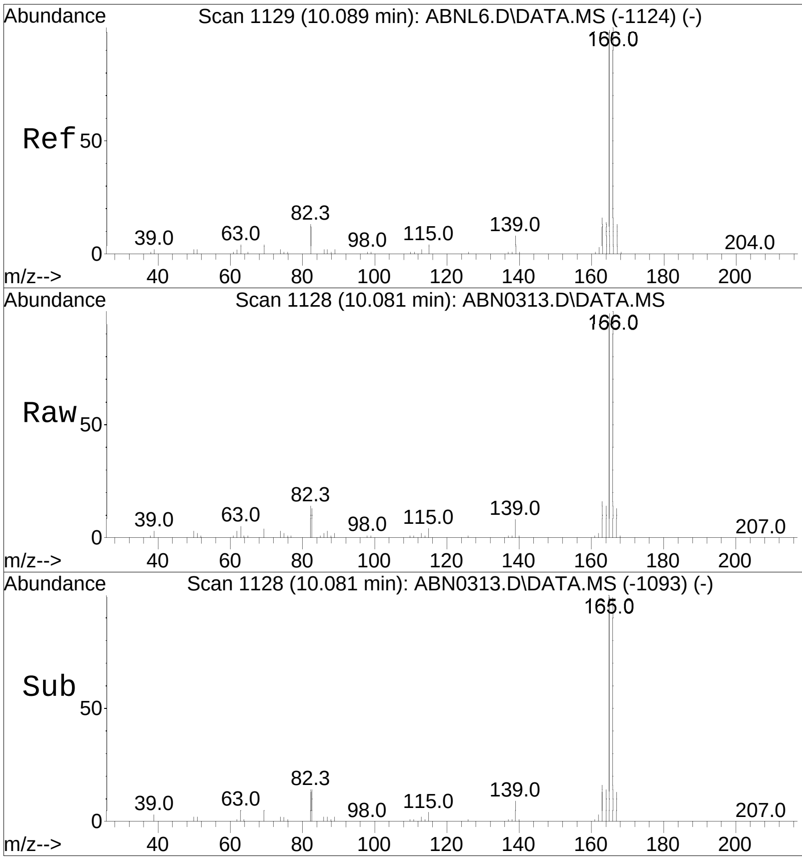


#72
Diethyl phthalate
Concen: 4.81 ug/ml
RT: 10.025 min Scan# 1120
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:149 Resp: 229757

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.1	9.4	14.2

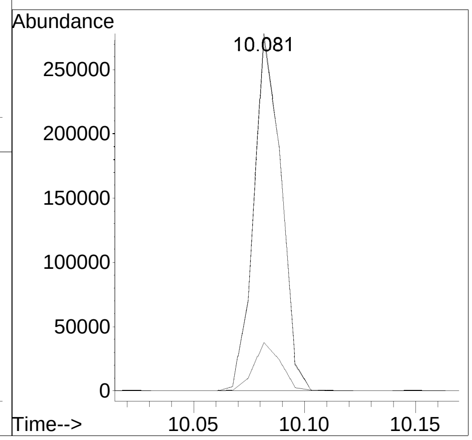


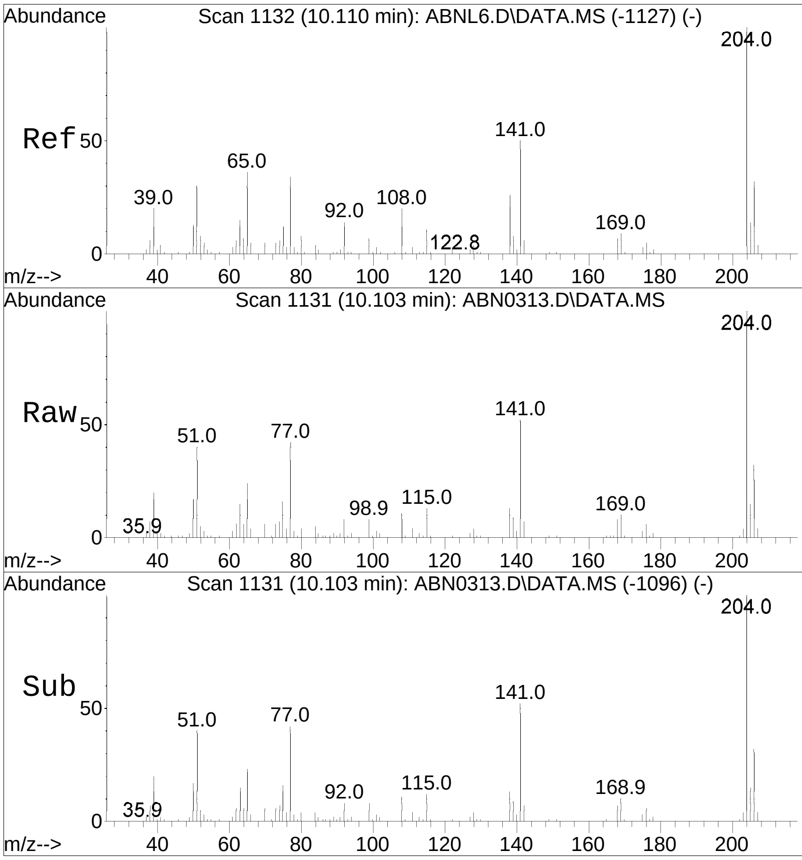


#73
Fluorene
Concen: 4.81 ug/ml
RT: 10.081 min Scan# 1128
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:166 Resp: 238667

Ion	Ratio	Lower	Upper
166	100		
165	99.0	76.2	114.2
167	13.4	10.6	15.8

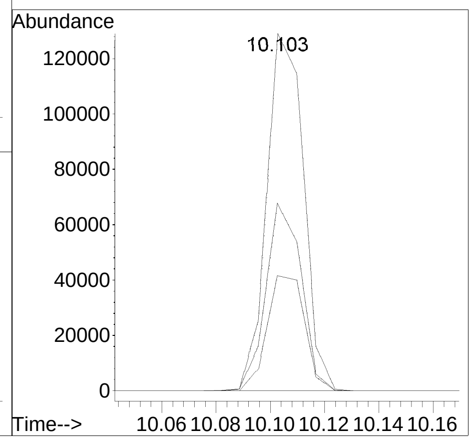


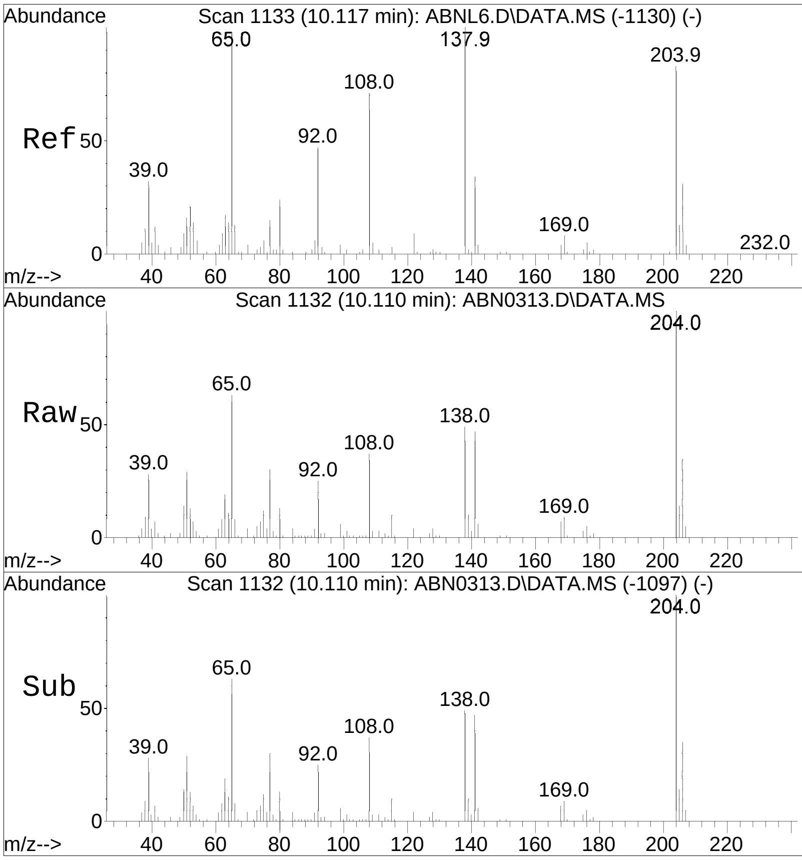


#74
4-Chlorophenyl phenyl ether
Concen: 4.67 ug/ml
RT: 10.103 min Scan# 1131
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:204 Resp: 121141

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.6
141	50.6	53.6	80.4#

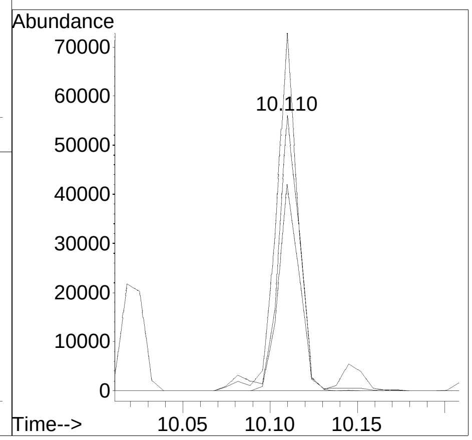


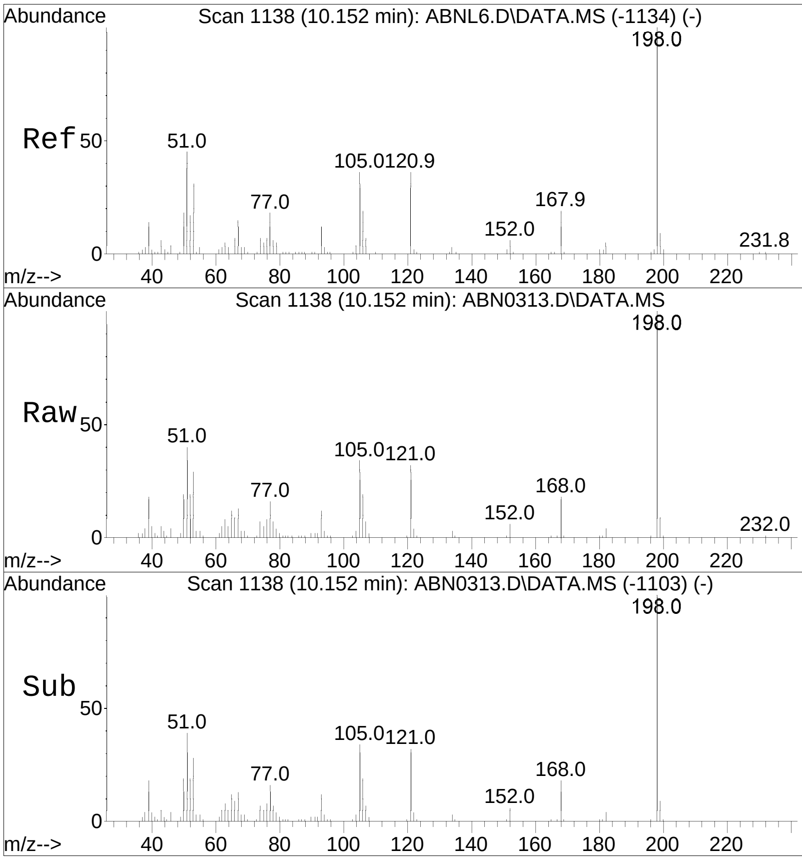


#75
4-Nitroaniline
Concen: 5.68 ug/ml
RT: 10.110 min Scan# 1132
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:138 Resp: 48996

Ion	Ratio	Lower	Upper
138	100		
108	73.5	52.1	78.1
65	126.0	115.0	172.6

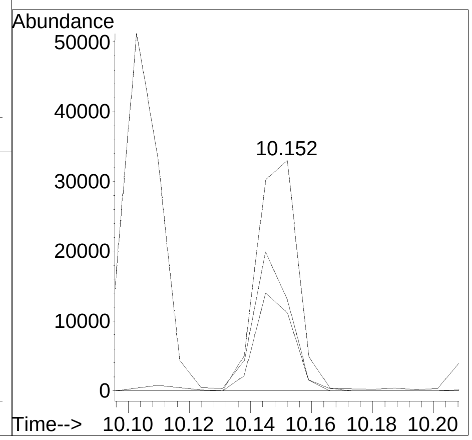


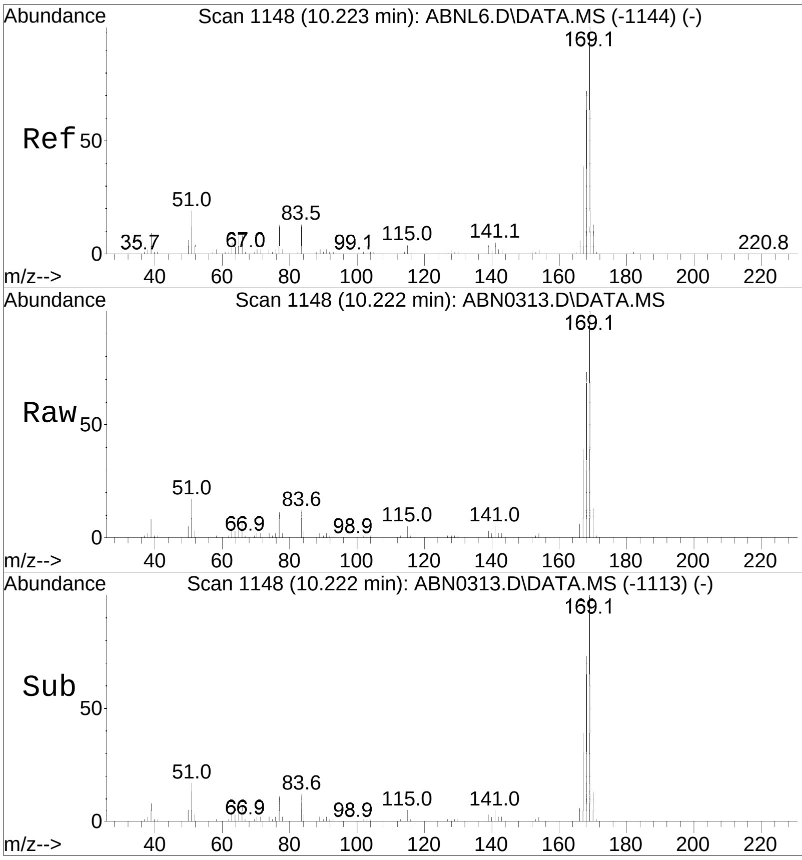


#76
4,6-Dinitro-o-cresol
Concen: 4.31 ug/ml
RT: 10.152 min Scan# 1138
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:198 Resp: 31159

Ion	Ratio	Lower	Upper
198	100		
51	54.0	76.0	114.0#
105	39.2	45.6	68.4#

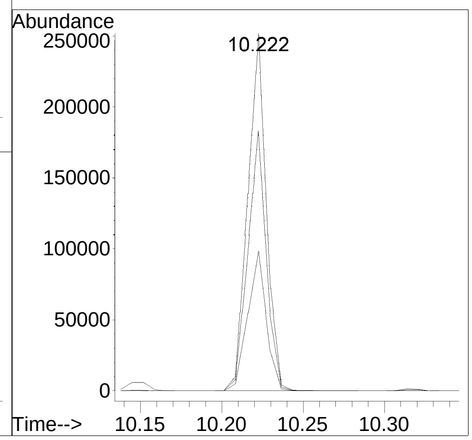


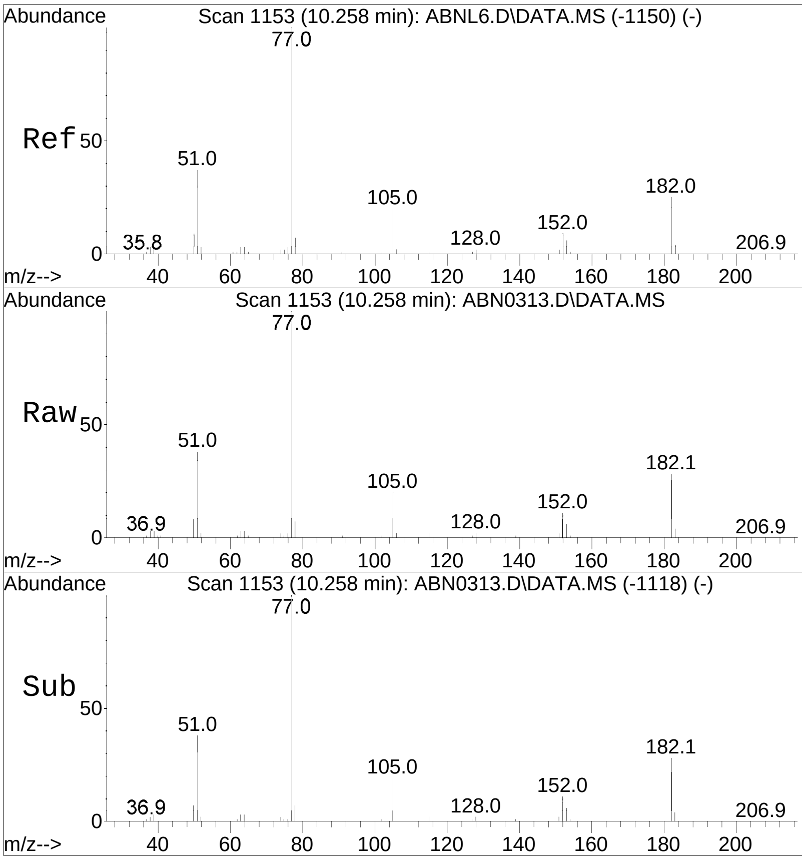


#77
NDPA/DPA
Concen: 4.80 ug/ml
RT: 10.222 min Scan# 1148
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:169 Resp: 198273

Ion	Ratio	Lower	Upper
169	100		
168	72.4	54.0	81.0
167	39.4	28.6	42.8

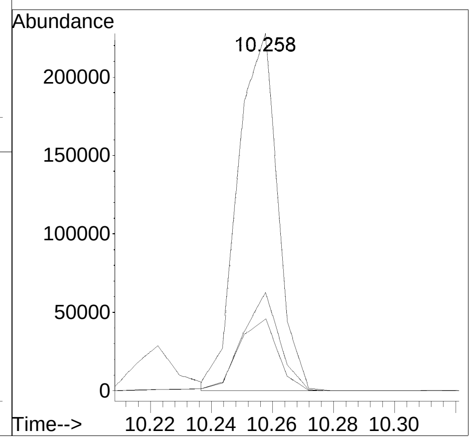


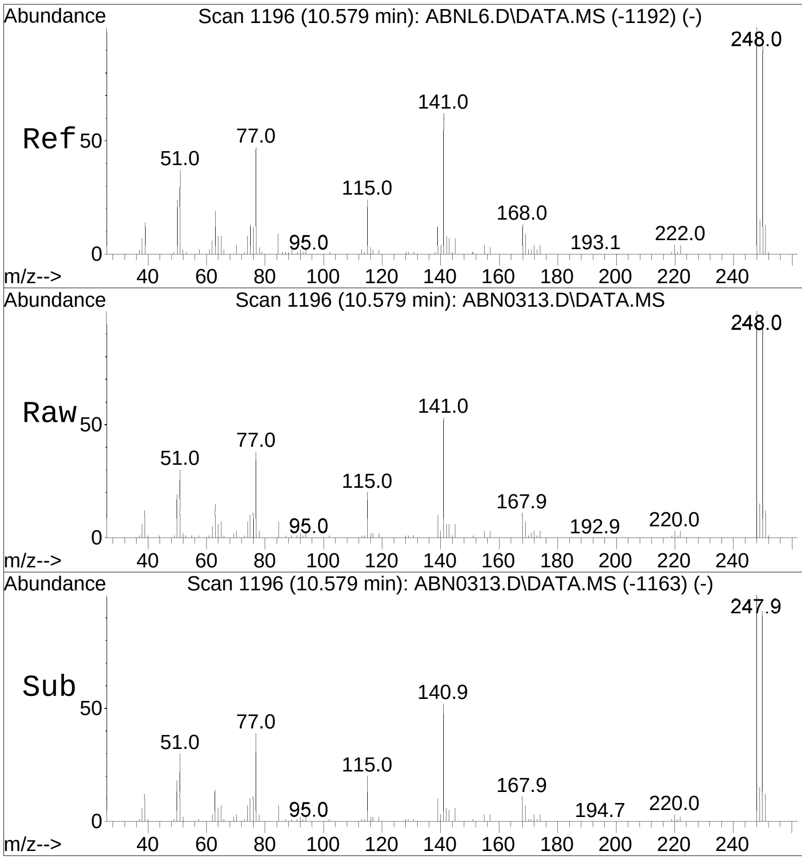


#78
Azobenzene
Concen: 5.20 ug/ml
RT: 10.258 min Scan# 1153
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion: 77 Resp: 204785

Ion	Ratio	Lower	Upper
77	100		
182	26.1	17.4	26.2
105	20.7	15.4	23.2

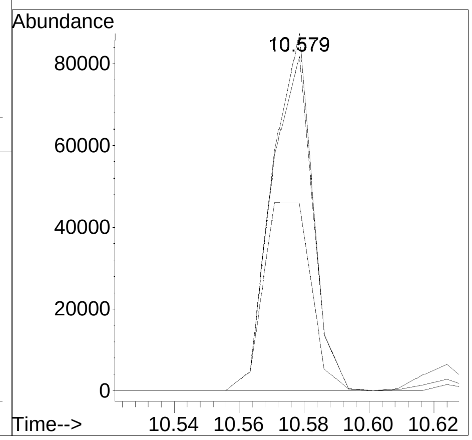


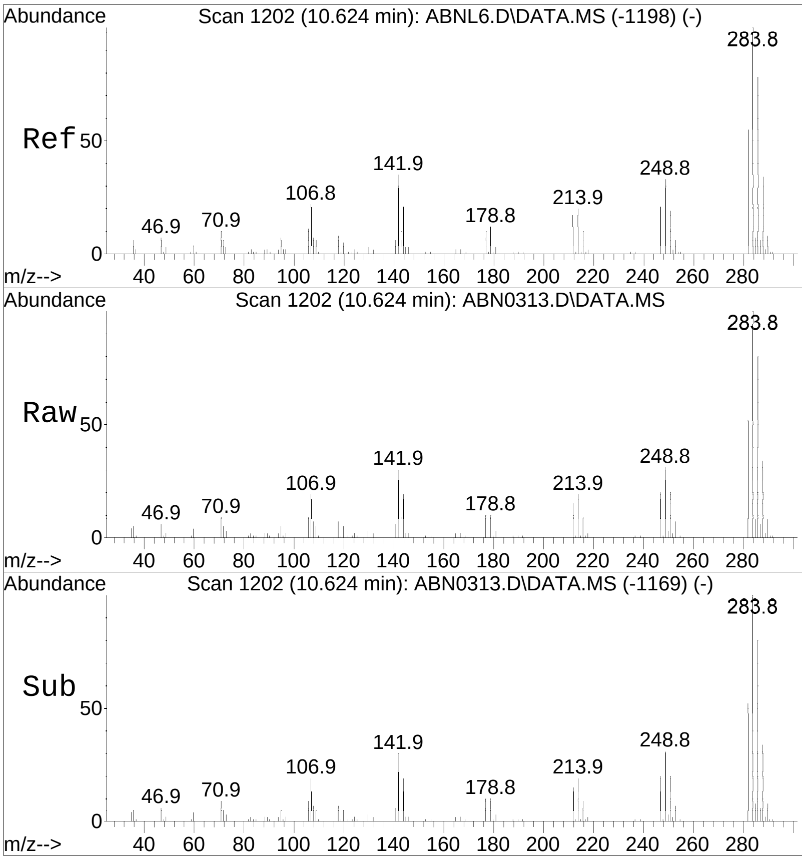


#80
4-Bromophenyl phenyl ether
Concen: 4.62 ug/ml
RT: 10.579 min Scan# 1196
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:248 Resp: 75165

Ion	Ratio	Lower	Upper
248	100		
141	61.9	76.6	114.8#
250	96.0	77.3	115.9

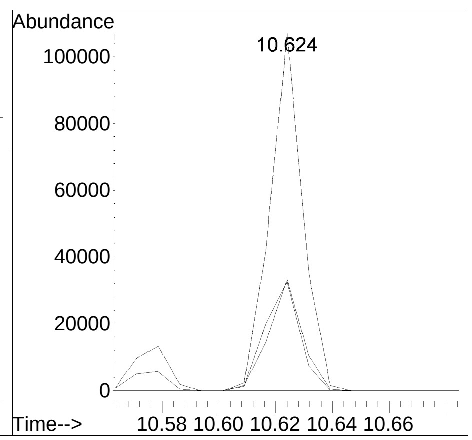


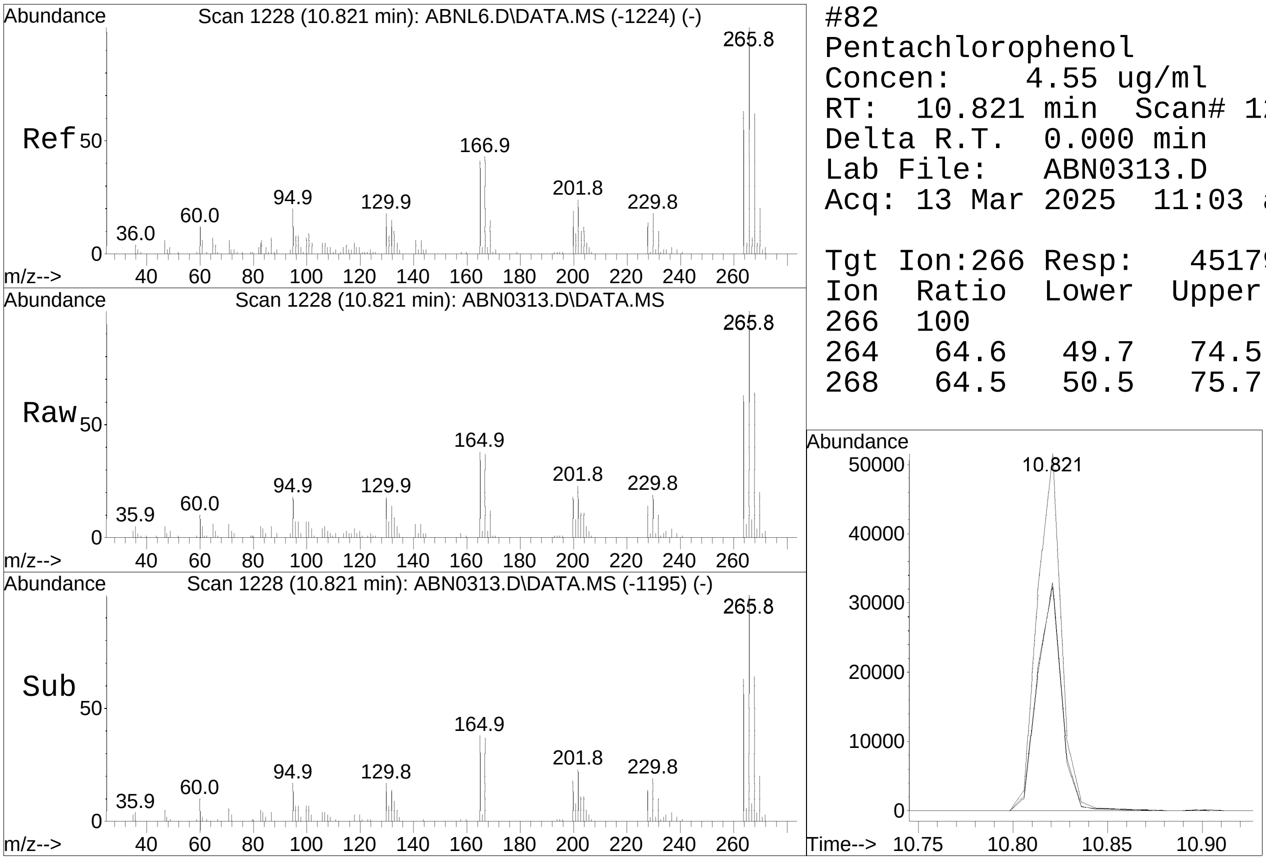


#81
Hexachlorobenzene
Concen: 4.47 ug/ml
RT: 10.624 min Scan# 1202
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:284 Resp: 85417

Ion	Ratio	Lower	Upper
284	100		
142	32.7	41.9	62.9#
249	32.1	24.1	36.1

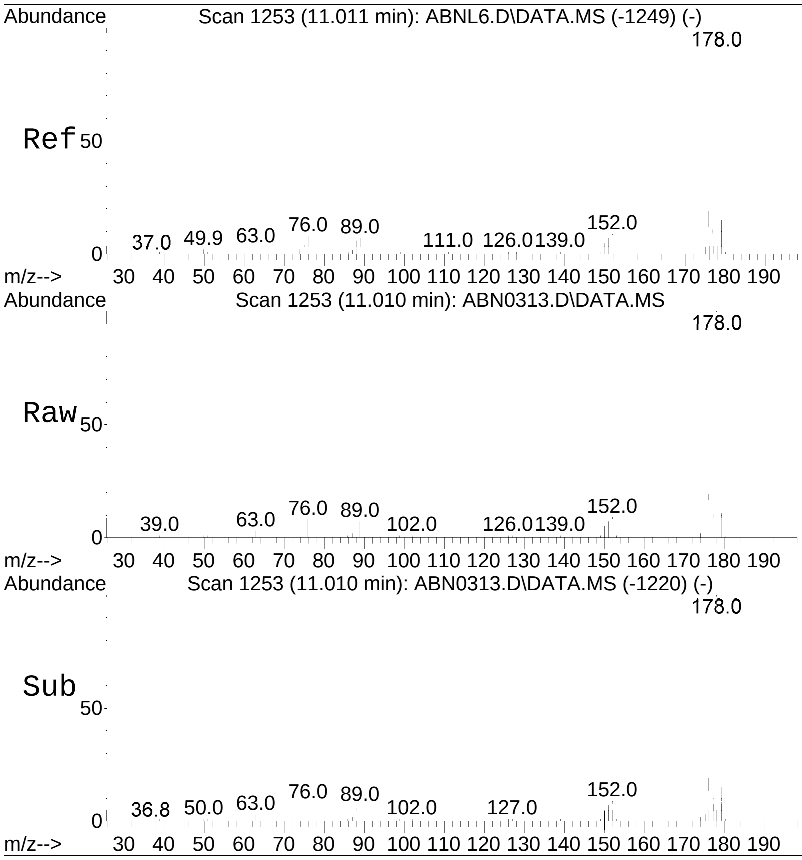




#82
Pentachlorophenol
Concen: 4.55 ug/ml
RT: 10.821 min Scan# 1228
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:266 Resp: 45179

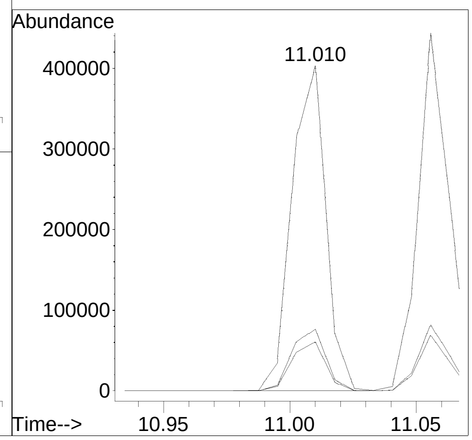
Ion	Ratio	Lower	Upper
266	100		
264	64.6	49.7	74.5
268	64.5	50.5	75.7

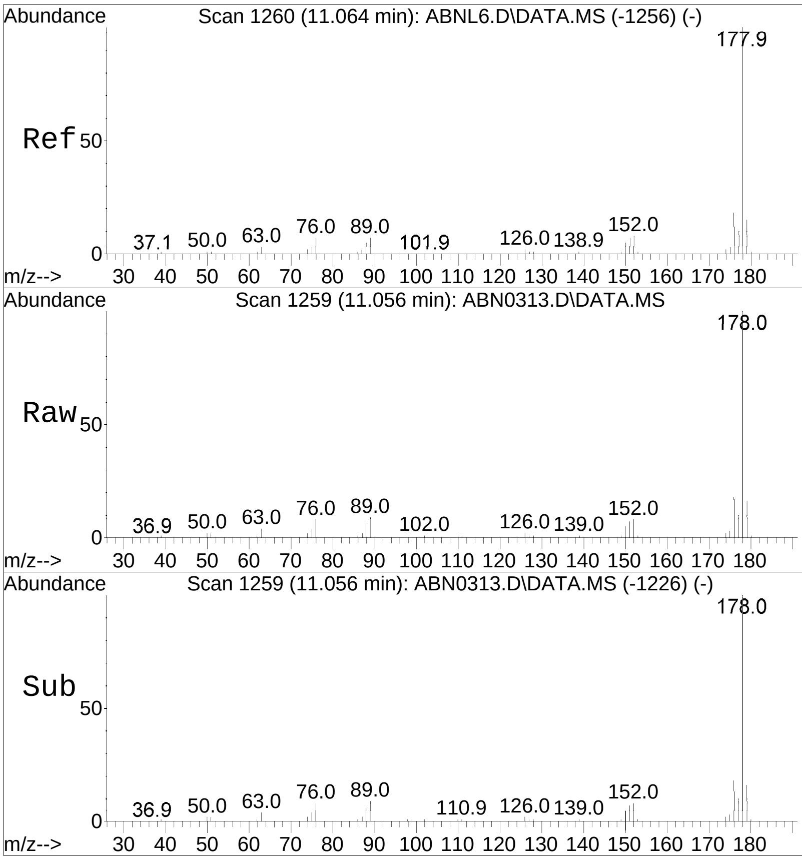


#89
Phenanthrene
Concen: 4.75 ug/ml
RT: 11.010 min Scan# 1253
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:178 Resp: 376101

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.1	15.4	23.2

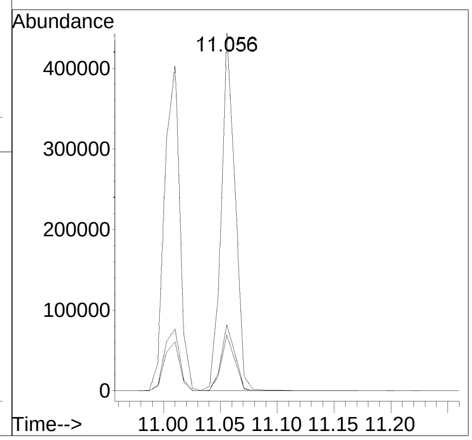


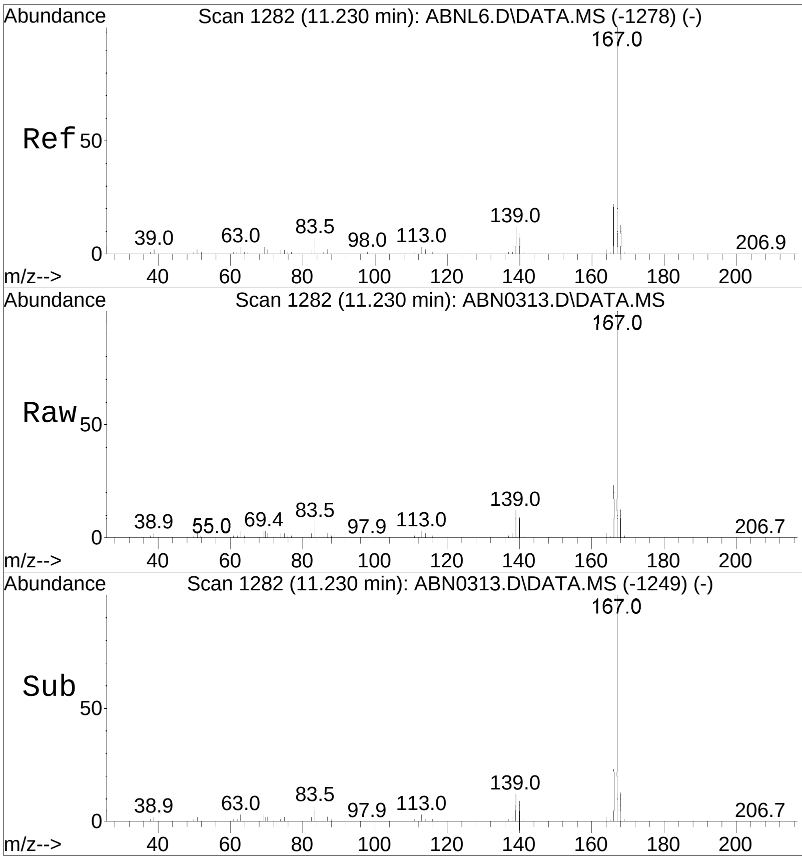


#90
Anthracene
Concen: 4.86 ug/ml
RT: 11.056 min Scan# 1259
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:178 Resp: 375656

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.0	18.0
176	18.5	14.6	22.0

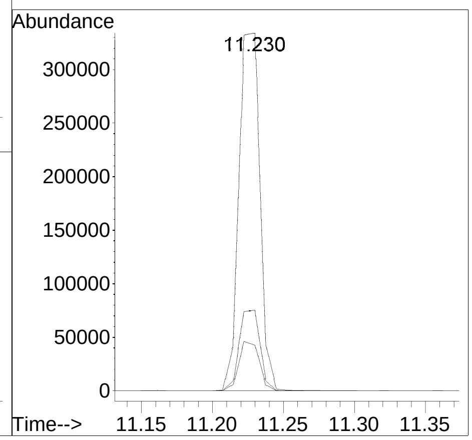


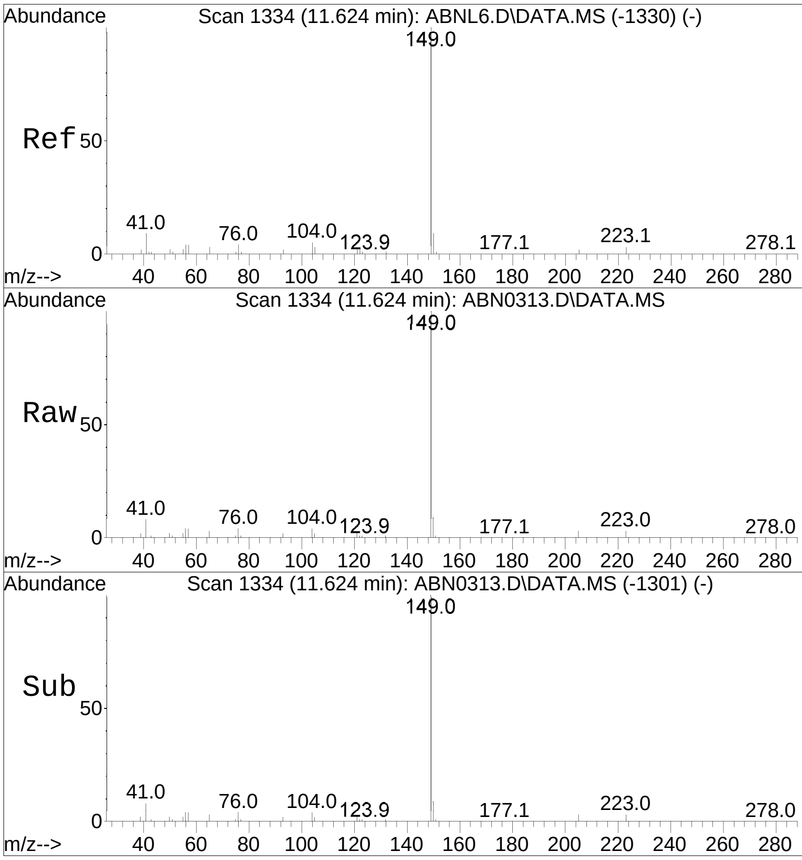


#91
Carbazole
Concen: 4.98 ug/ml
RT: 11.230 min Scan# 1282
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:167 Resp: 343977

Ion	Ratio	Lower	Upper
167	100		
168	13.3	10.6	15.8
166	22.4	17.4	26.0

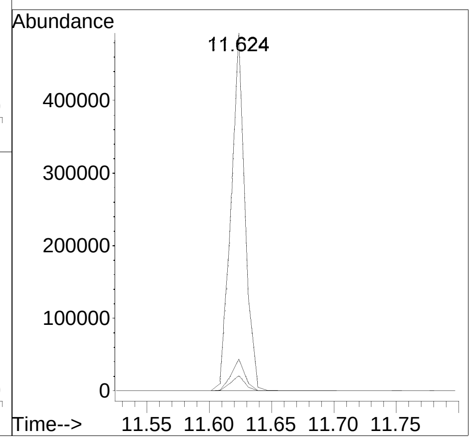


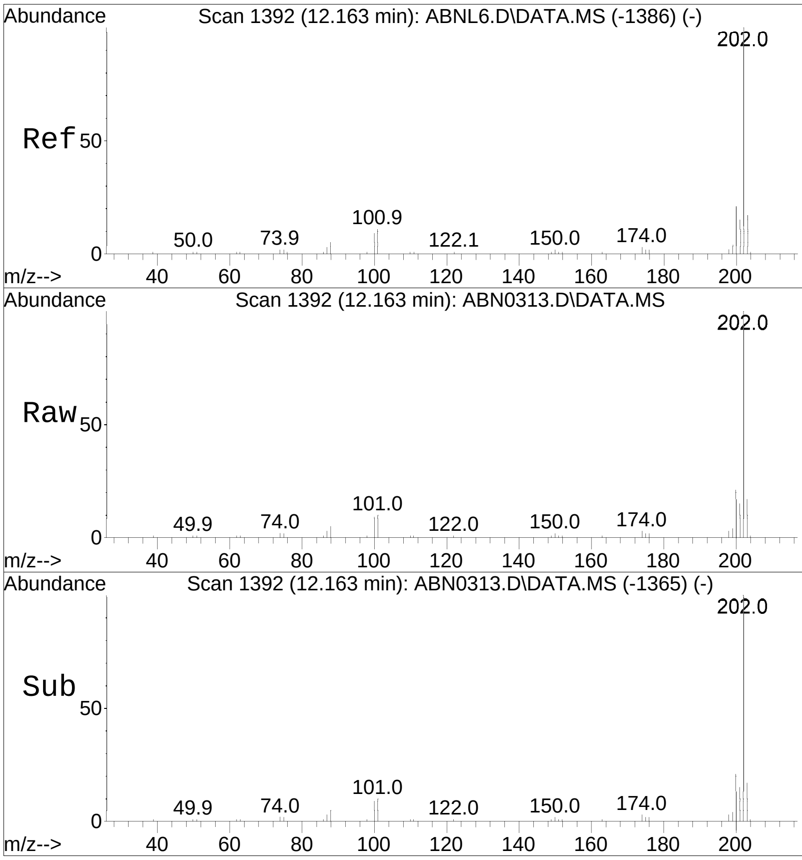


#92
Di-n-butylphthalate
Concen: 5.55 ug/ml
RT: 11.624 min Scan# 1334
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:149 Resp: 432499

Ion	Ratio	Lower	Upper
149	100		
150	7.7	7.0	10.6
104	4.0	4.5	6.7#

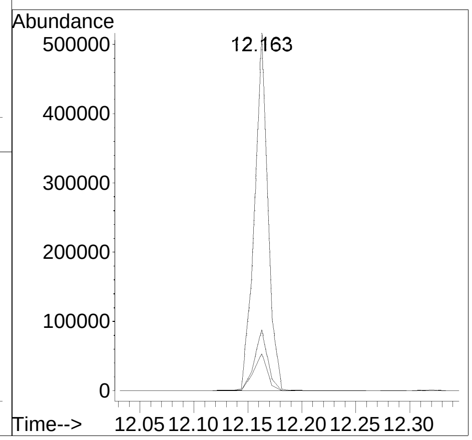


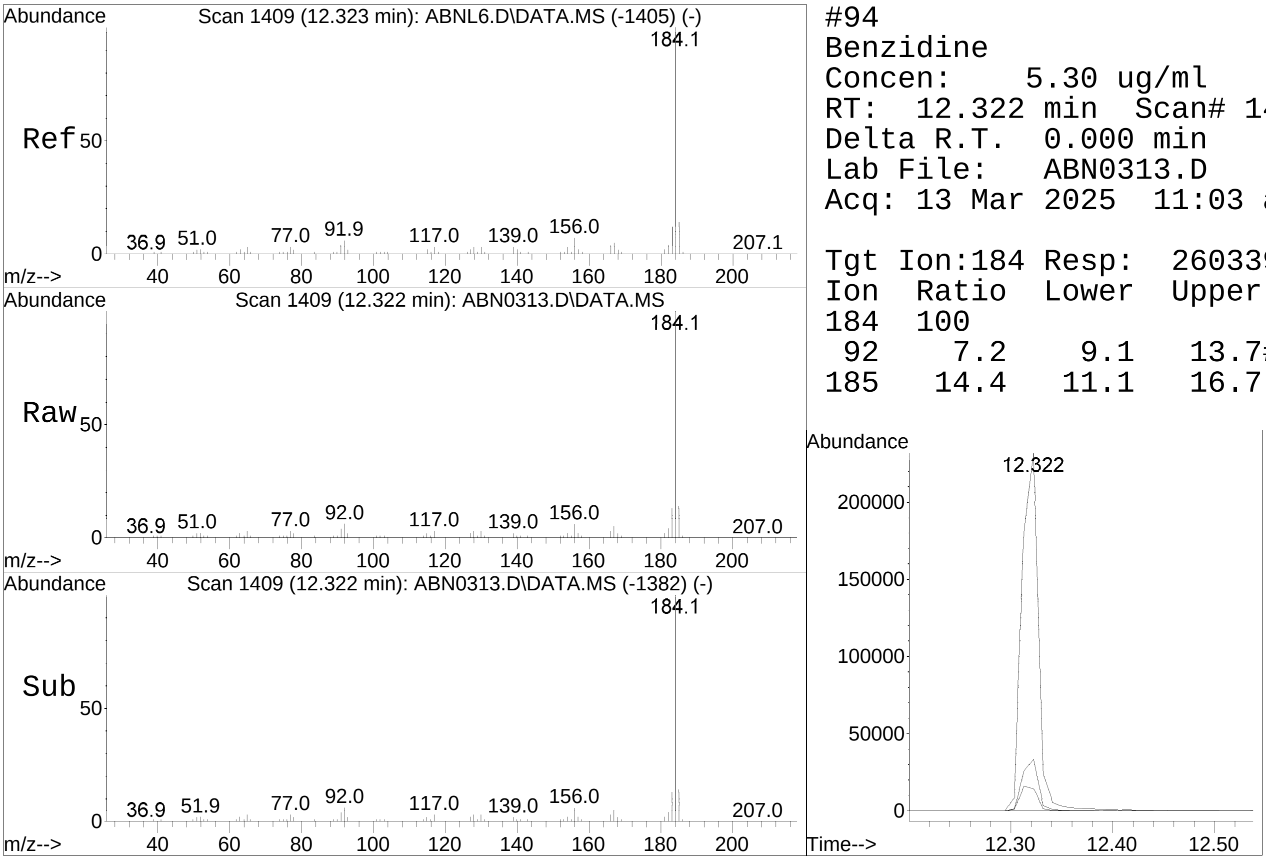


#93
Fluoranthene
Concen: 4.88 ug/ml
RT: 12.163 min Scan# 1392
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:202 Resp: 442287

Ion	Ratio	Lower	Upper
202	100		
101	11.0	13.5	20.3#
203	17.3	13.6	20.4

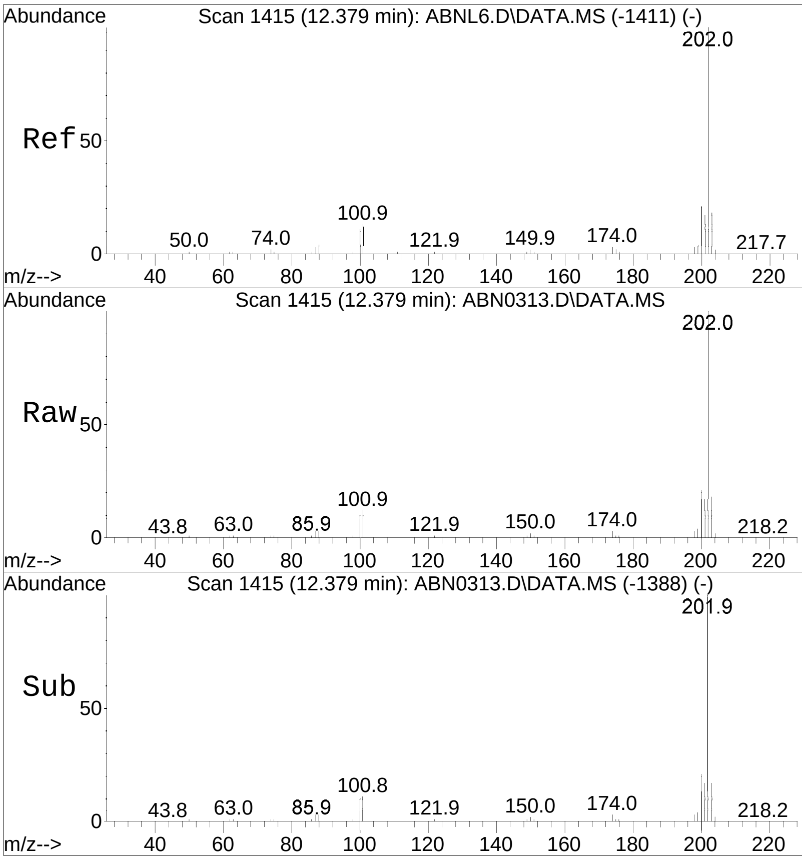




#94
Benzidine
Concen: 5.30 ug/ml
RT: 12.322 min Scan# 1409
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:184 Resp: 260339

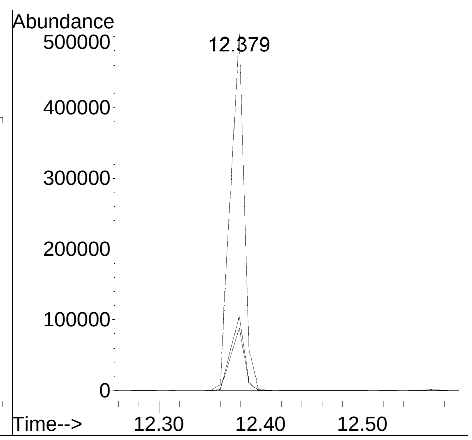
Ion	Ratio	Lower	Upper
184	100		
92	7.2	9.1	13.7#
185	14.4	11.1	16.7

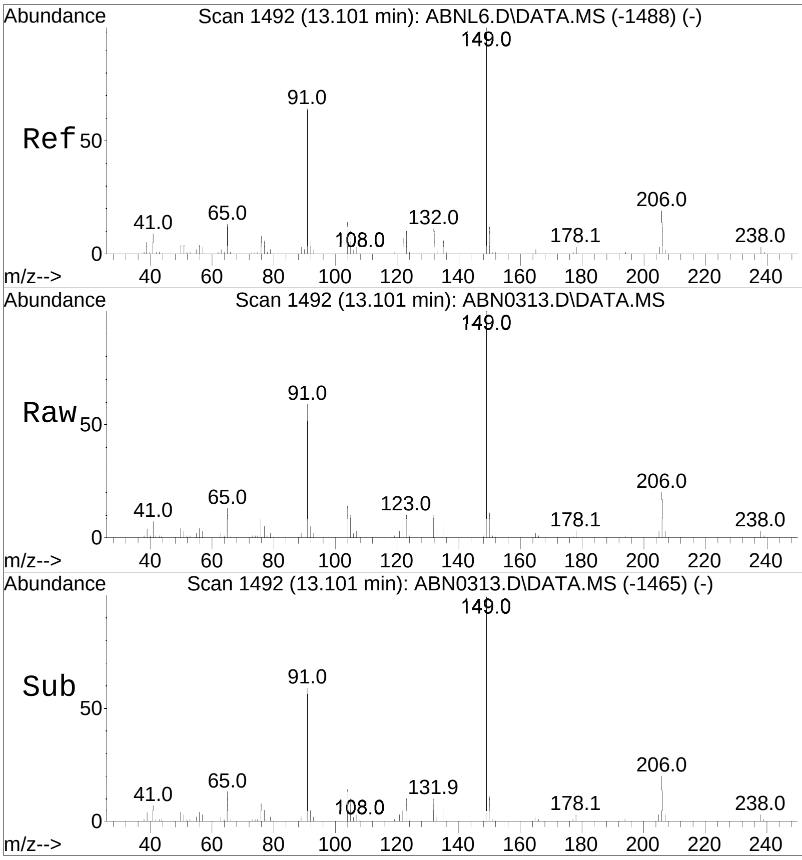


#95
Pyrene
Concen: 4.93 ug/ml
RT: 12.379 min Scan# 1415
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:202 Resp: 467958

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.6	14.2	21.4

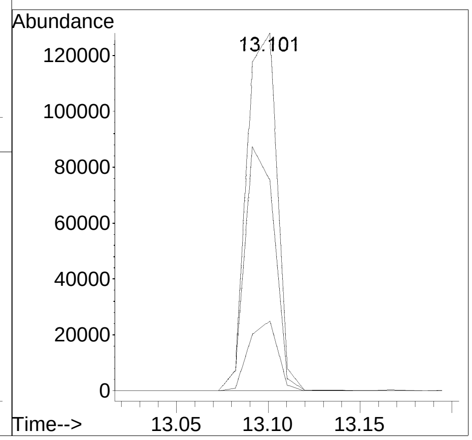


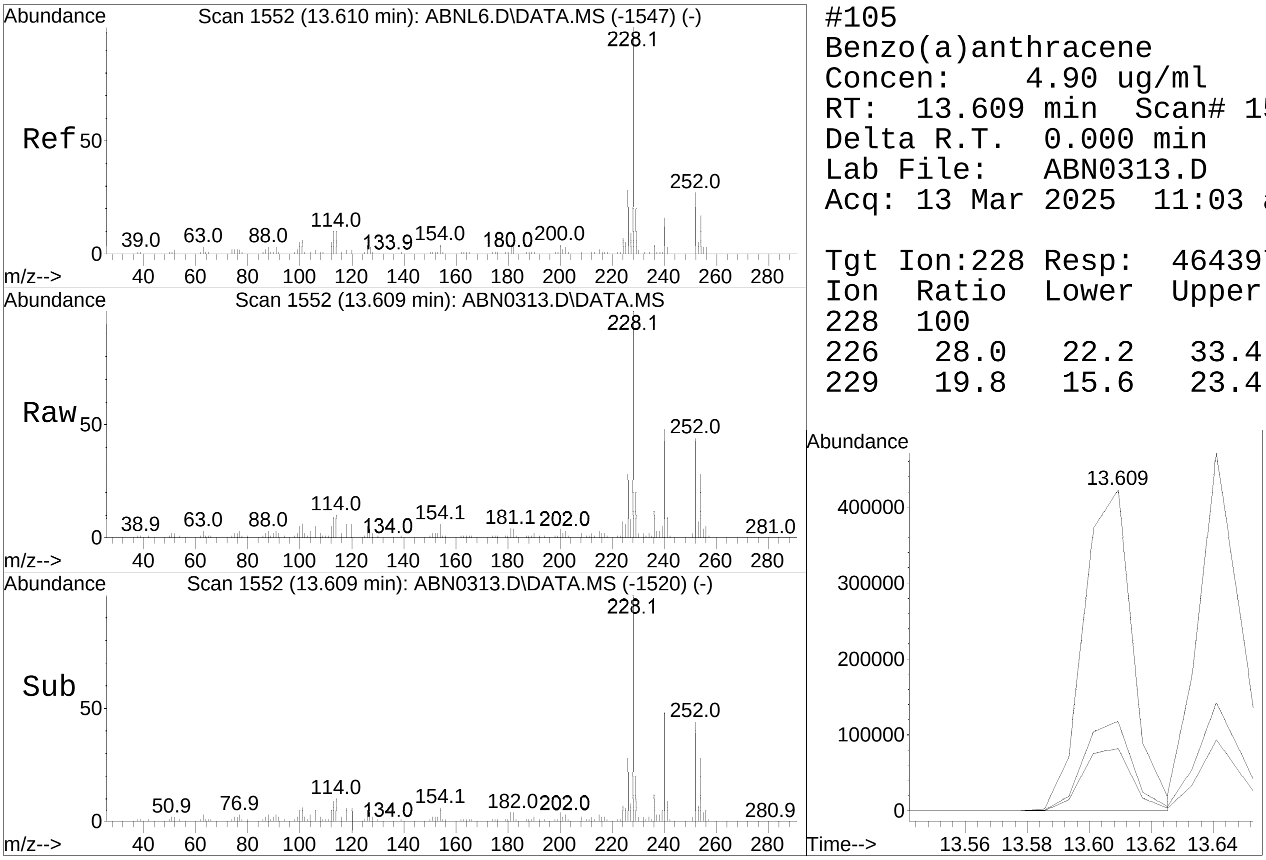


#97
Butyl benzyl phthalate
Concen: 4.20 ug/ml
RT: 13.101 min Scan# 1492
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:149 Resp: 147158

Ion	Ratio	Lower	Upper
149	100		
91	67.0	63.3	94.9
206	18.5	13.9	20.9

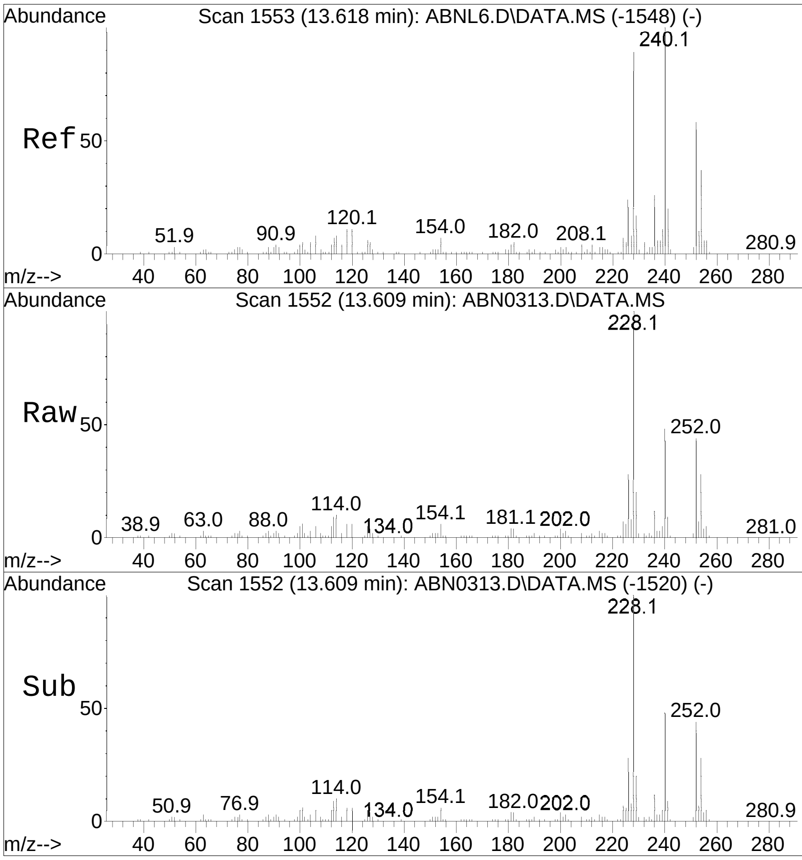




#105
Benzo(a)anthracene
Concen: 4.90 ug/ml
RT: 13.609 min Scan# 1552
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:228 Resp: 464397

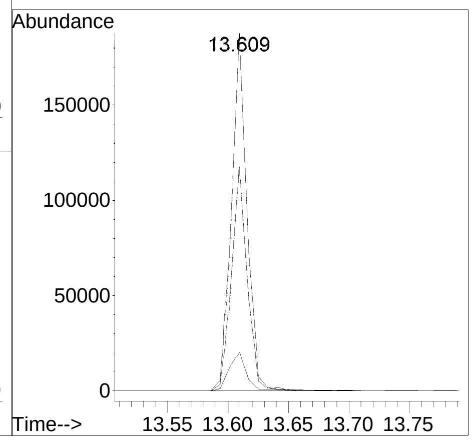
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	19.8	15.6	23.4

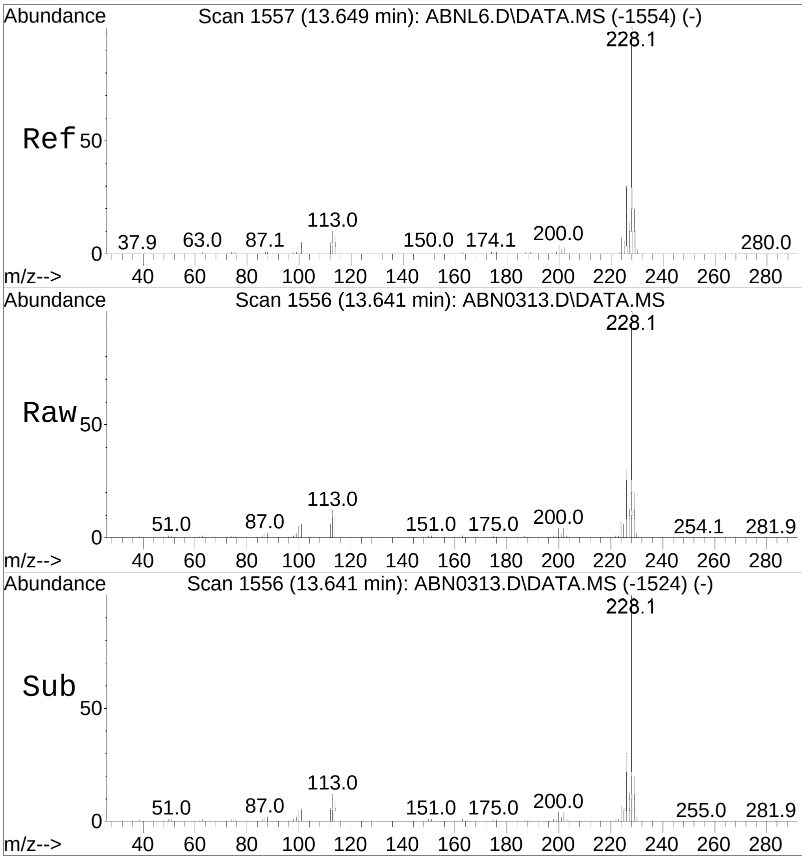


#106
3,3'-Dichlorobenzidine
Concen: 5.19 ug/ml
RT: 13.609 min Scan# 1552
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:252 Resp: 165339

Ion	Ratio	Lower	Upper
252	100		
126	12.6	14.5	21.7#
254	63.8	51.2	76.8

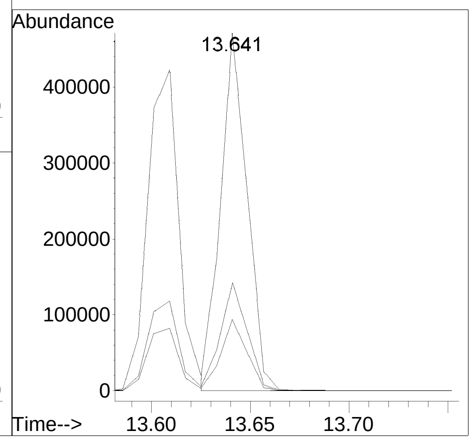


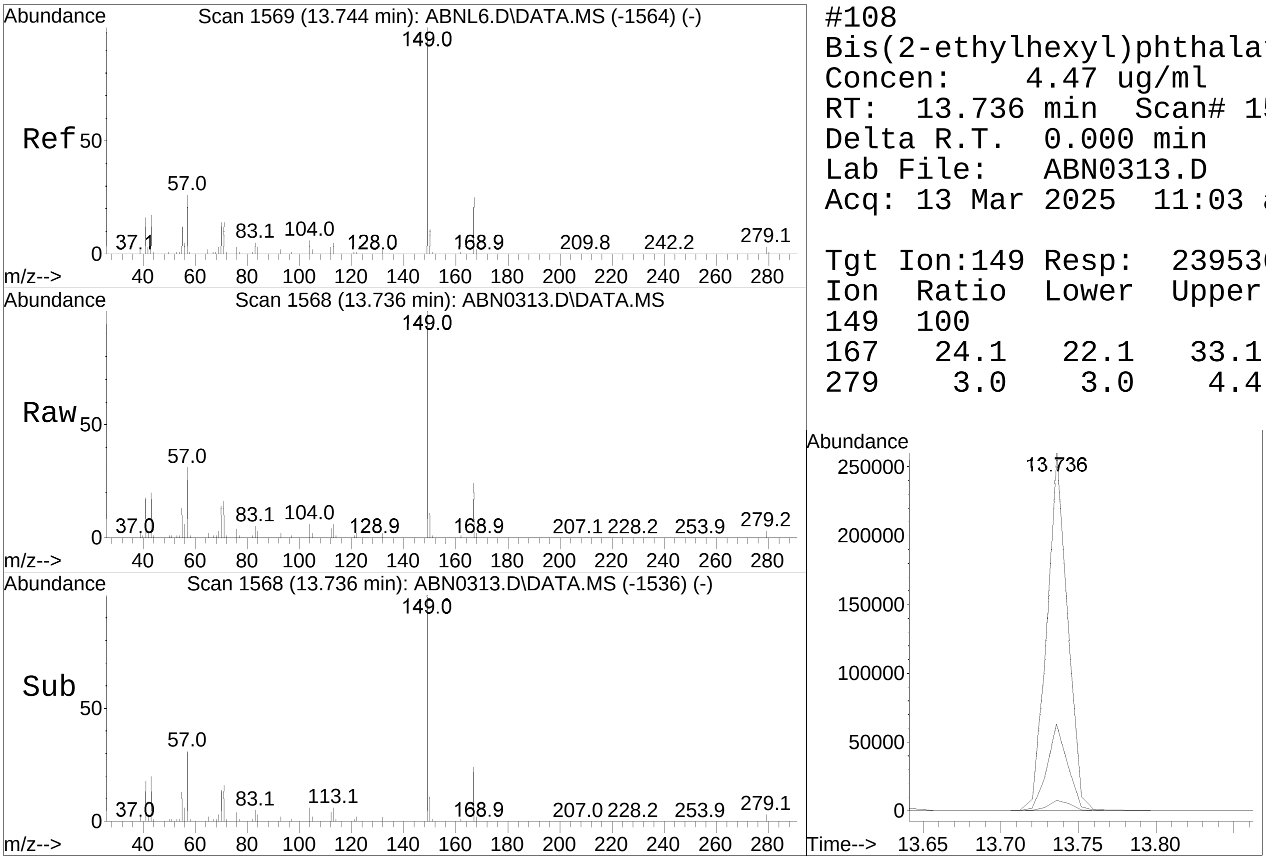


#107
Chrysene
Concen: 4.67 ug/ml
RT: 13.641 min Scan# 1556
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:228 Resp: 439246

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.5	15.8	23.8

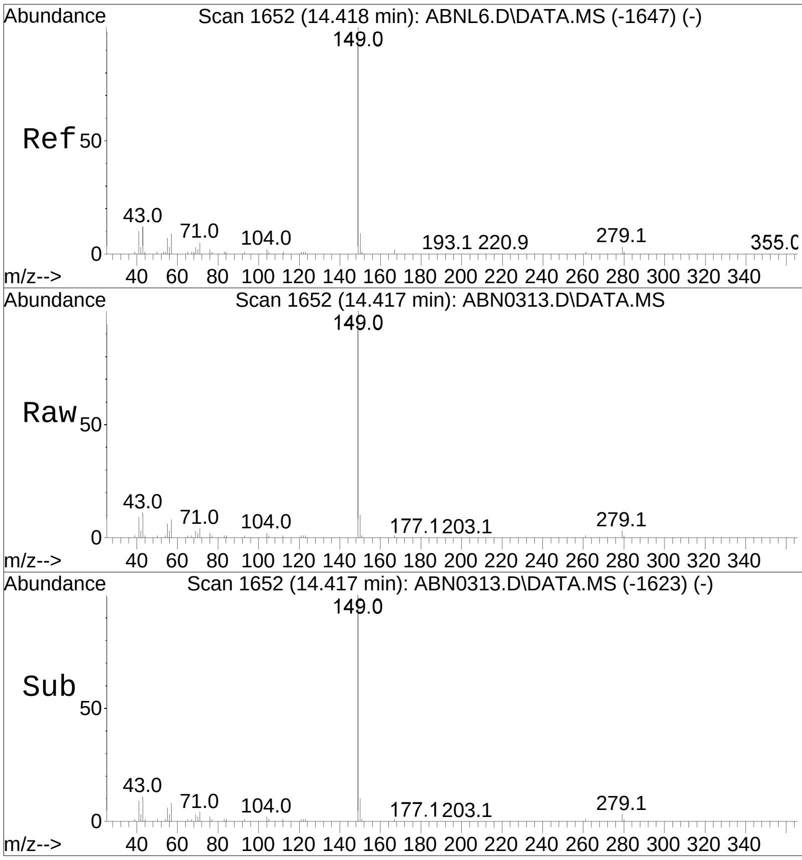




#108
Bis(2-ethylhexyl)phthalate
Concen: 4.47 ug/ml
RT: 13.736 min Scan# 1568
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:149 Resp: 239536

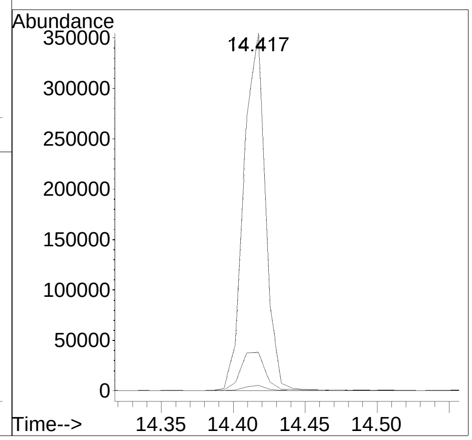
Ion	Ratio	Lower	Upper
149	100		
167	24.1	22.1	33.1
279	3.0	3.0	4.4

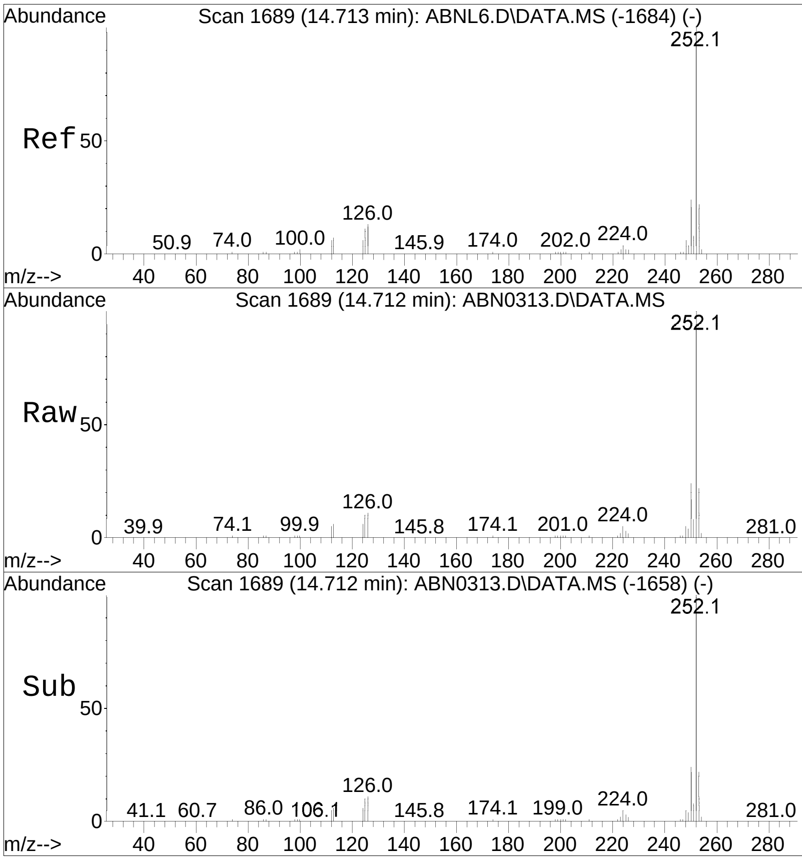


#109
Di-n-octylphthalate
Concen: 4.13 ug/ml
RT: 14.417 min Scan# 1652
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:149 Resp: 369355

Ion	Ratio	Lower	Upper
149	100		
43	12.5	18.8	28.2#
167	1.4	1.3	1.9

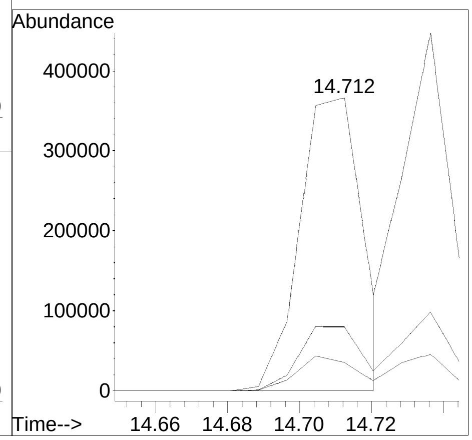


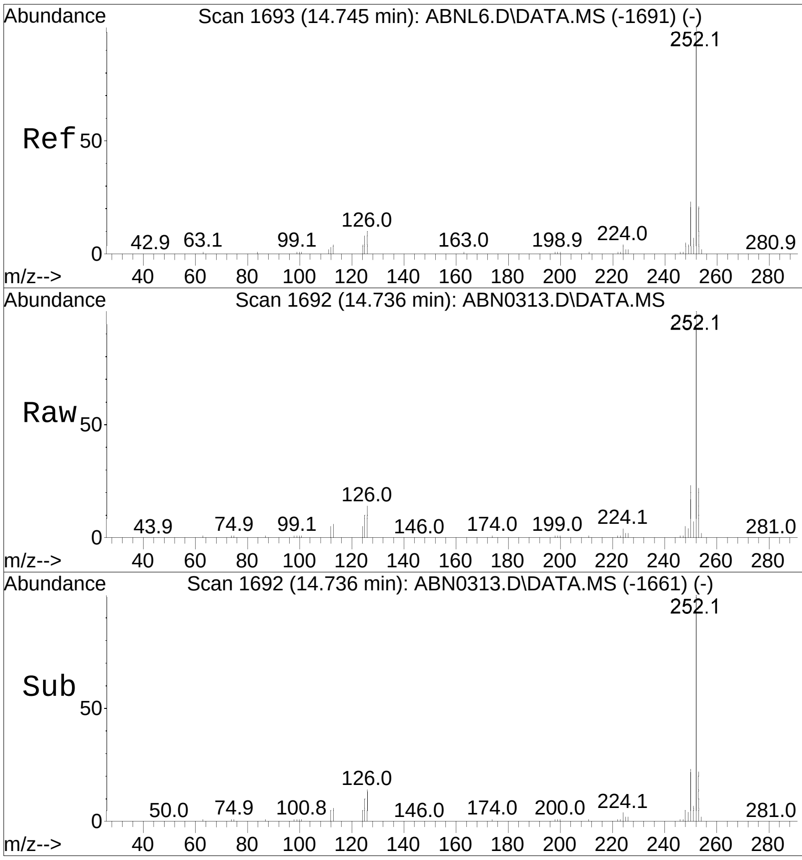


#110
Benzo(b)fluoranthene
Concen: 4.58 ug/ml
RT: 14.712 min Scan# 1689
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:252 Resp: 446487

Ion	Ratio	Lower	Upper
252	100		
125	11.3	13.3	19.9#
253	22.0	17.1	25.7

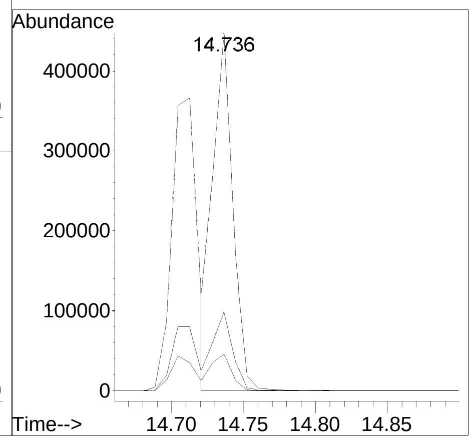


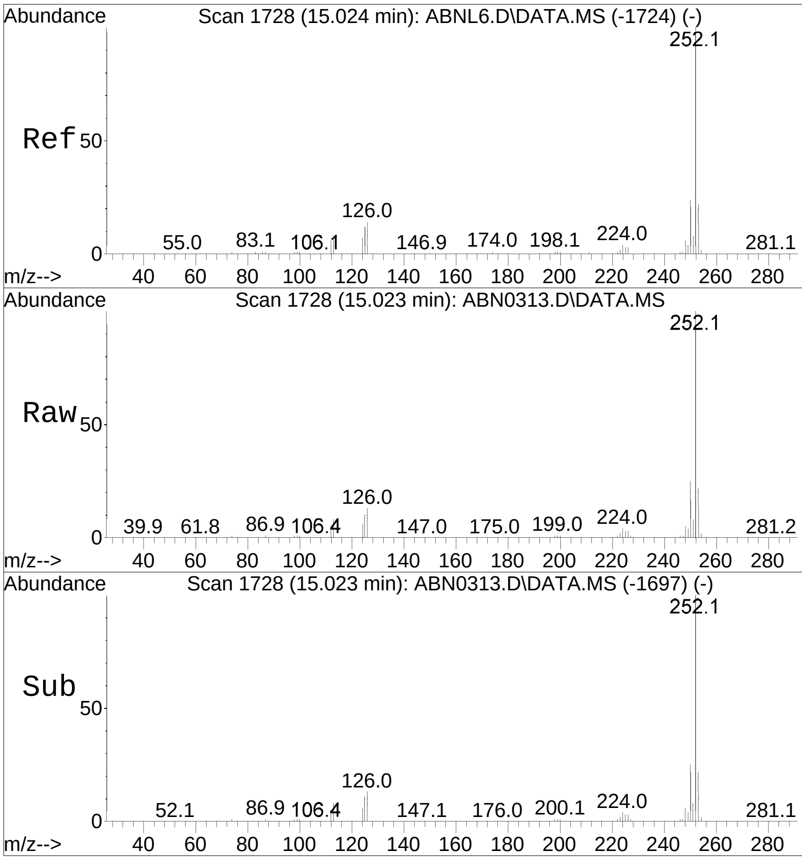


#111
Benzo(k)fluoranthene
Concen: 4.80 ug/ml
RT: 14.736 min Scan# 1692
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:252 Resp: 435399

Ion	Ratio	Lower	Upper
252	100		
125	10.6	13.0	19.6#
253	22.1	16.8	25.2

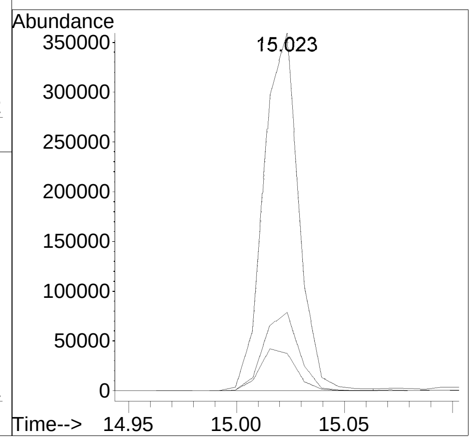


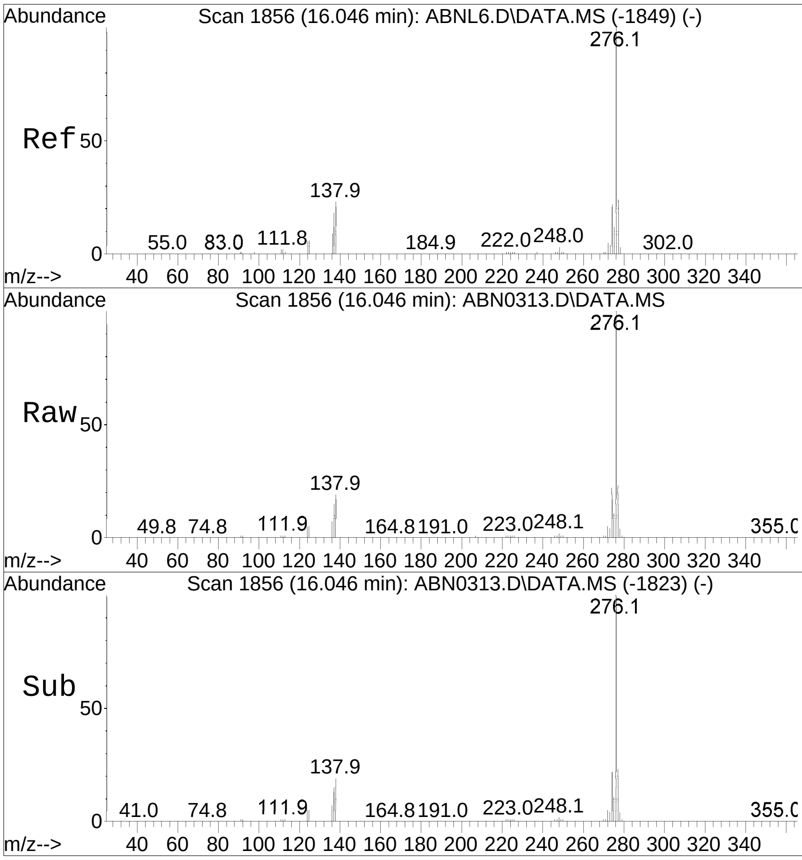


#112
Benzo(a)pyrene
Concen: 4.72 ug/ml
RT: 15.023 min Scan# 1728
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:252 Resp: 404824

Ion	Ratio	Lower	Upper
252	100		
125	12.1	14.2	21.2#
253	22.1	16.9	25.3

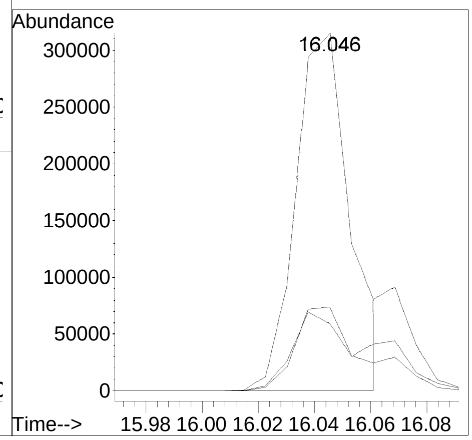


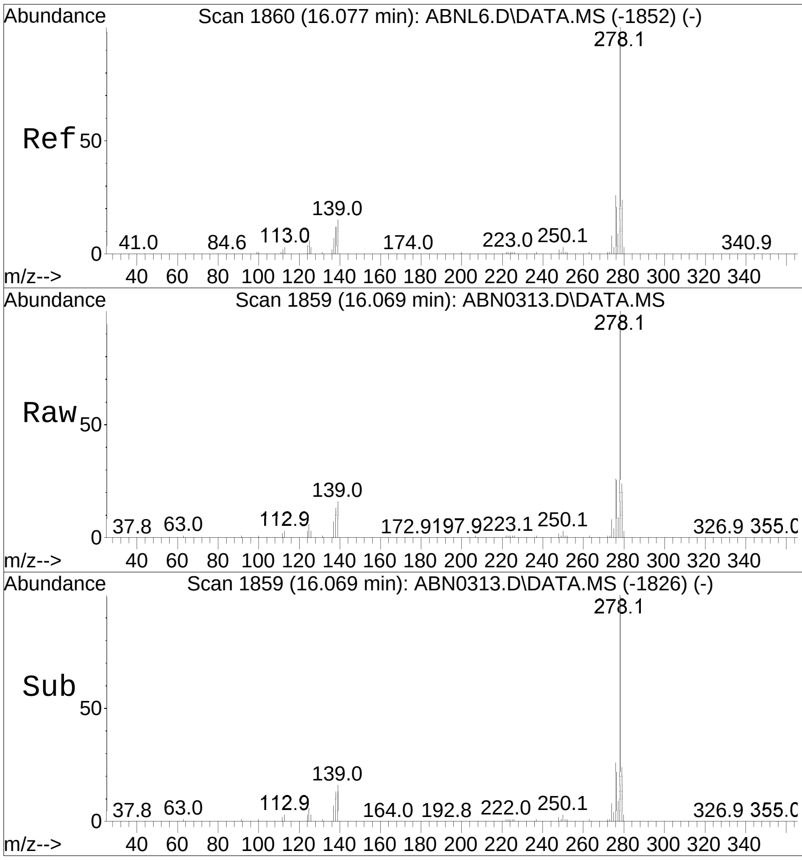


#114
Indeno(1,2,3-cd)pyrene
Concen: 5.27 ug/mL M6
RT: 16.046 min Scan# 1856
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:276 Resp: 424700

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.1	37.7
277	29.7	18.6	28.0#

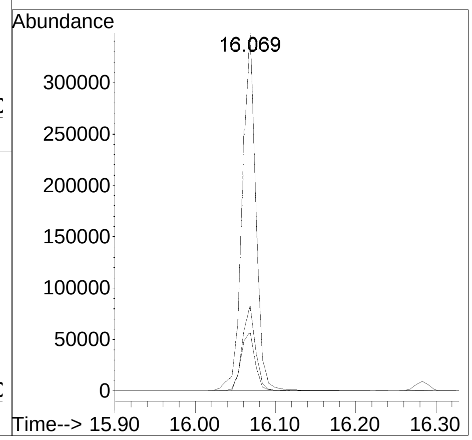


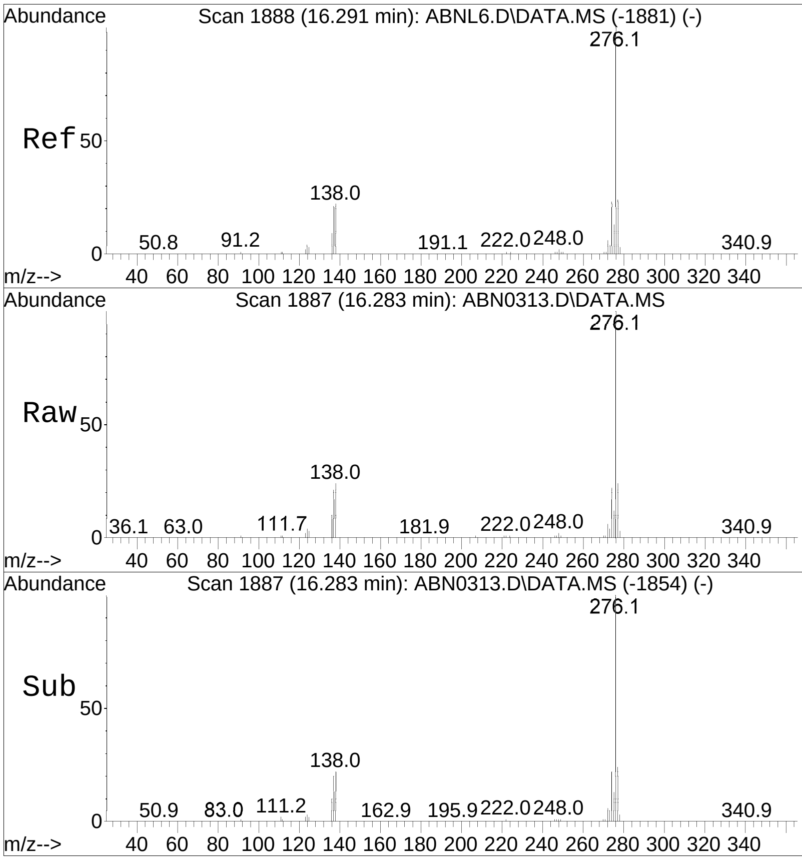


#115
Dibenzo(a,h)anthracene
Concen: 5.11 ug/ml
RT: 16.069 min Scan# 1859
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:278 Resp: 409432

Ion	Ratio	Lower	Upper
278	100		
139	17.0	20.8	31.2#
279	23.3	18.3	27.5

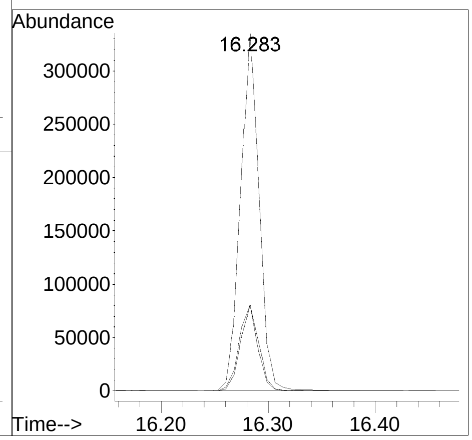




#116
Benzo(ghi)perylene
Concen: 5.13 ug/ml
RT: 16.283 min Scan# 1887
Delta R.T. 0.000 min
Lab File: ABN0313.D
Acq: 13 Mar 2025 11:03 am

Tgt Ion:276 Resp: 404985

Ion	Ratio	Lower	Upper
276	100		
138	24.2	29.2	43.8#
277	23.8	18.8	28.2

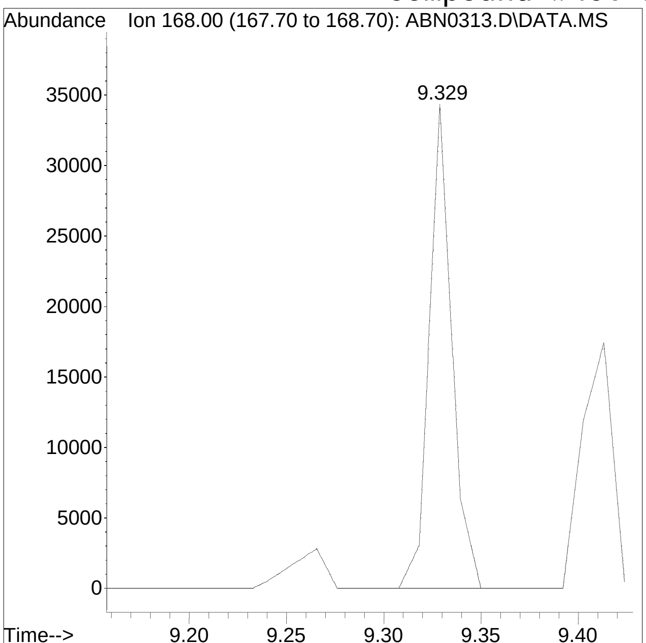


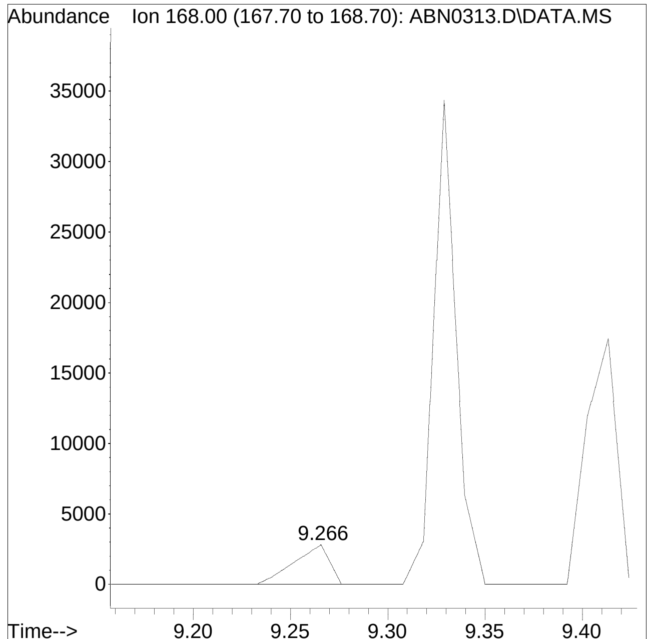
Manual Integration Report

Data Path : I:\8270\SV106\250313RVT\
Data File : ABN0313.D
Date Inj'd : 3/13/2025 11:03 am
Sample : WG2040166-3,32,,ABN 11297

QMethod : FS250311SV106.m
Operator : SV106:jg
Instrument : SV 106
Quant Date : 3/13/2025 12:06 pm

Compound #49: 1,4-Dinitrobenzene





Original Peak Response = 27687

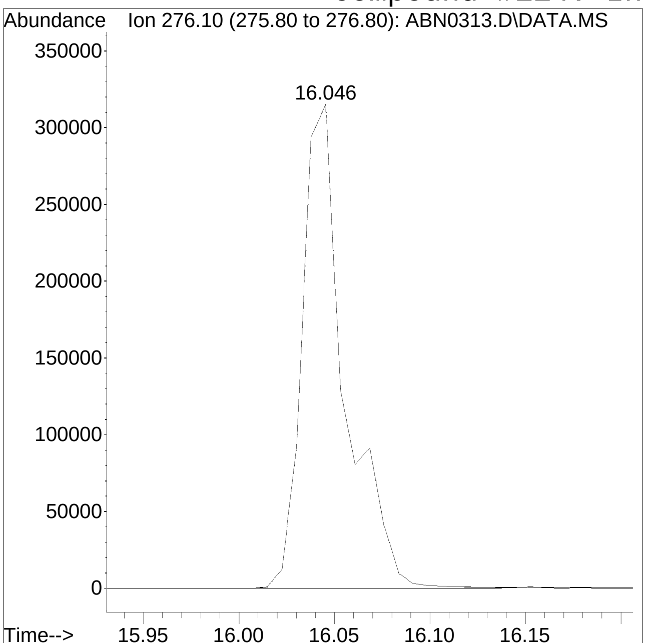
Manual Peak Response = 2450 M3

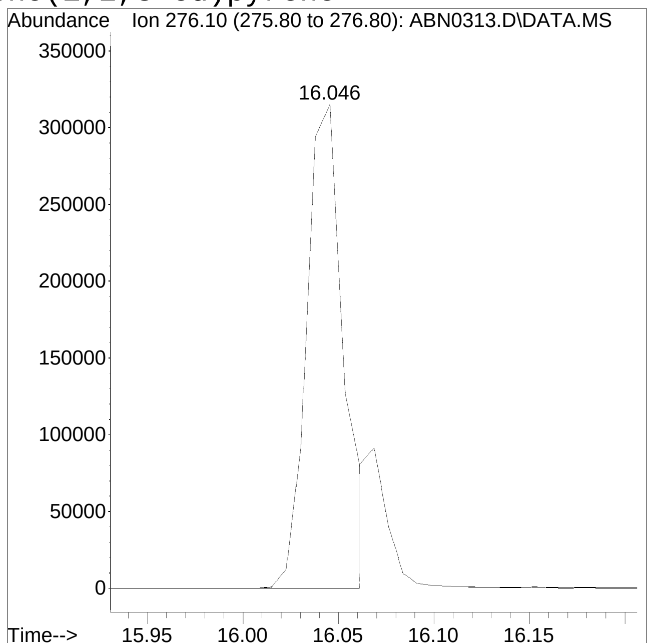
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\SV106\250313RVT\	QMethod	: FS250311SV106.m
Data File	: ABN0313.D	Operator	: SV106:jg
Date Inj'd	: 3/13/2025 11:03 am	Instrument	: SV 106
Sample	: WG2040166-3,32,,ABN 11297	Quant Date	: 3/13/2025 12:06 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 493791 Manual Peak Response = 424700 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250313RVT\
Data File : AP90313.D
Acq On   : 13 Mar 2025 11:27 am
Operator : SV106:jg
Sample   : WG2040166-4,32,,AP9 11152 gmr0304B
Misc   : WG2040166,,ical22075
ALS Vial : 143   Sample Multiplier: 1

Quant Time: Mar 13 16:34:11 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:07:36 2025
Response via : Initial Calibration

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	101	0.00
28	T	Benzaldehyde		0.954	0.850	10.9	91	0.00
29	T	Acetophenone		1.646	1.733	-5.3	105	0.00
30	T	m-Toluidine		1.514	1.529	-1.0	99	0.00
31	T	2-Chloroaniline		1.481	1.589	-7.3	109	0.00
55	I	IS2_Naphthalene-d8		1.000	1.000	0.0	101	0.00
56	T	a-Terpineol		0.275	0.308	-12.0	115	0.00
57	T	3-Chloroaniline		0.139	0.150	-7.9	108	0.00
58	T	2,6-Dichlorophenol		0.270	0.286	-5.9	110	0.00
59	T	1-chloro-2-nitrobenzene		0.108	0.125	-15.7	122	0.00
60	T	Caprolactam		0.165	0.174	-5.5	119	0.00
61	T	1,2,4,5-Tetrachlorobenzene		0.401	0.409	-2.0	108	0.00
62	T	Biphenyl		0.885	0.907	-2.5	109	0.00
83	I	IS2_Acenaphthene-d10		1.000	1.000	0.0	103	0.00
84	T	Dichloran	*	5.000	5.770	-15.4	129	0.00
85	T	Pentachloronitrobenzene		0.144	0.160	-11.1	124	0.00
98	I	IS2_Phenanthrene-d10		1.000	1.000	0.0	102	0.00
99	T	Diphenamid		0.413	0.458	-10.9	109	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range   SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVT\
Data File : AP90313.D
Acq On : 13 Mar 2025 11:27 am
Operator : SV106:jg
Sample : WG2040166-4,32,,AP9 11152 gmr0304B
Misc : WG2040166,,ical22075
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Mar 13 16:34:11 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:07:36 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	6.351	152	57135	4.000	ug/ml	0.00
55) IS2_Naphthalene-d8	7.783	136	214914	4.000	ug/ml	# 0.00
83) IS2_Acenaphthene-d10	9.550	164	134336	4.000	ug/ml	0.00
98) IS2_Phenanthrene-d10	10.988	188	269979	4.000	ug/ml	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.773	105	60719	4.457	ug/ml	97
29) Acetophenone	6.860	105	123781	5.266	ug/ml#	89
30) m-Toluidine	6.957	106	109187	5.048	ug/ml	92
31) 2-Chloroaniline	7.363	127	113486	5.366	ug/ml#	94
56) a-Terpineol	7.862	59	82706	5.602	ug/ml	91
57) 3-Chloroaniline	7.876	65	40236	5.370	ug/ml	86
58) 2,6-Dichlorophenol	7.898	162	76839	5.296	ug/ml	97
59) 1-chloro-2-nitrobenzene	8.171	111	33604	5.792	ug/ml#	1
60) Caprolactam	8.207	55	46849	5.298	ug/ml#	88
61) 1,2,4,5-Tetrachloroben...	8.701	216	109817	5.091	ug/ml	97
62) Biphenyl	9.000	154	243731	5.124	ug/ml	98
84) Dichloran	10.685	206	22696	5.770	ug/ml#	69
85) Pentachloronitrobenzene	10.836	237	26939	5.575	ug/ml#	77
99) Diphenamid	11.900	167	154575	5.548	ug/ml#	79

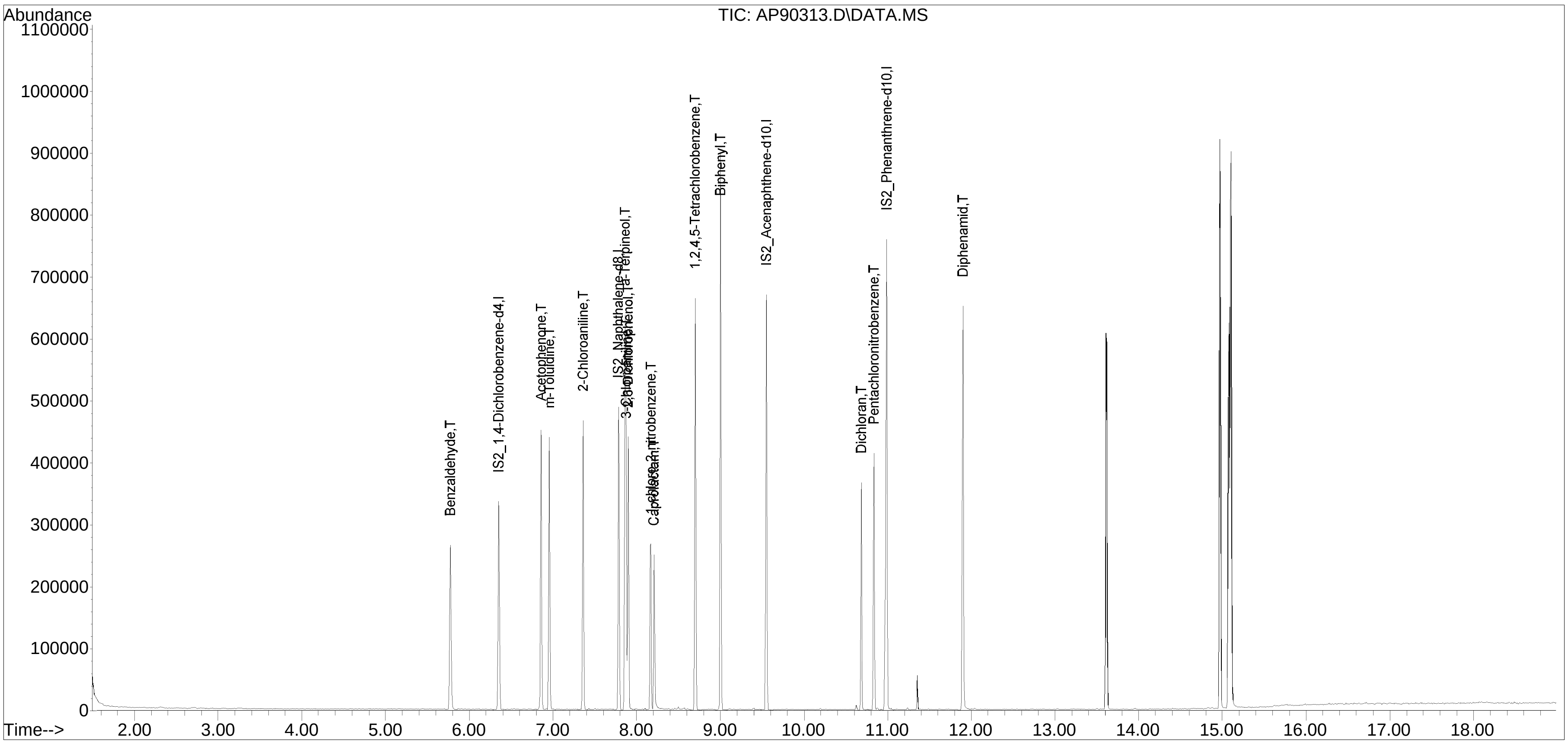
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

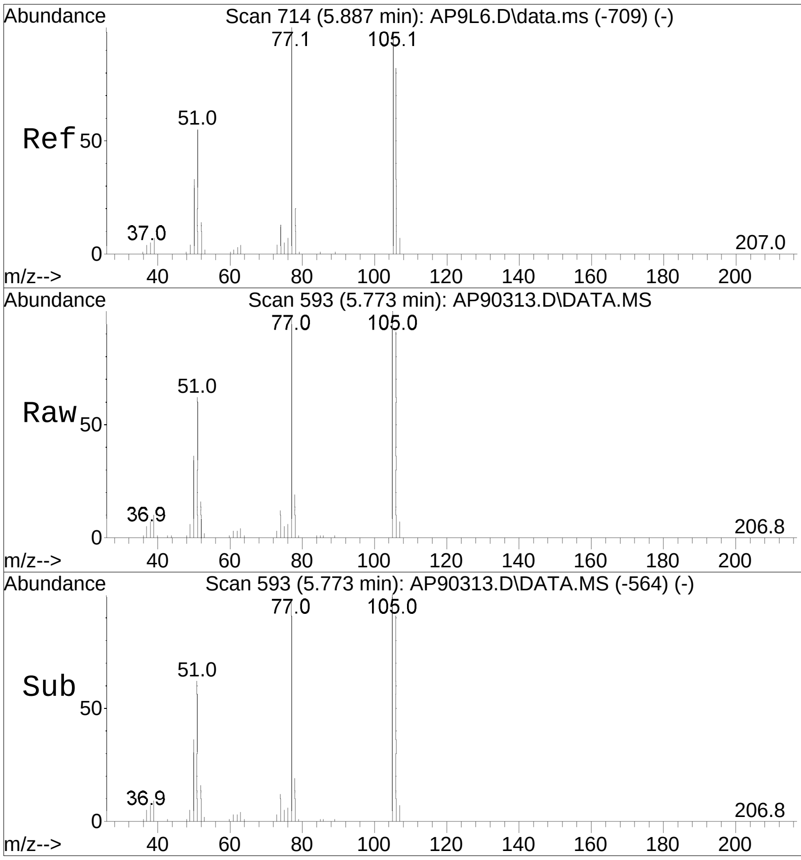
Data Path : I:\8270\SV106\250313RVT\
Data File : AP90313.D
Acq On : 13 Mar 2025 11:27 am
Operator : SV106:jg
Sample : WG2040166-4,32,,AP9 11152 gmr0304B
Misc : WG2040166,,ical22075
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Mar 13 16:34:11 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:07:36 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist



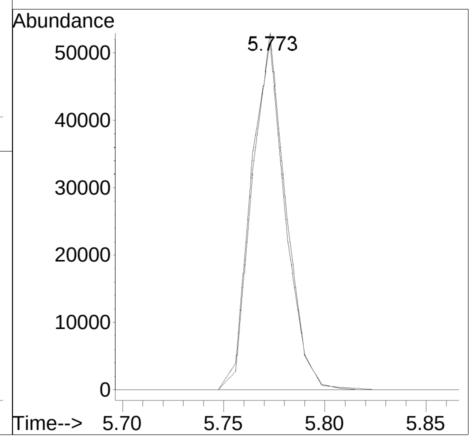
FS250311SV106.m Thu Mar 13 16:36:51 2025 Page: 2

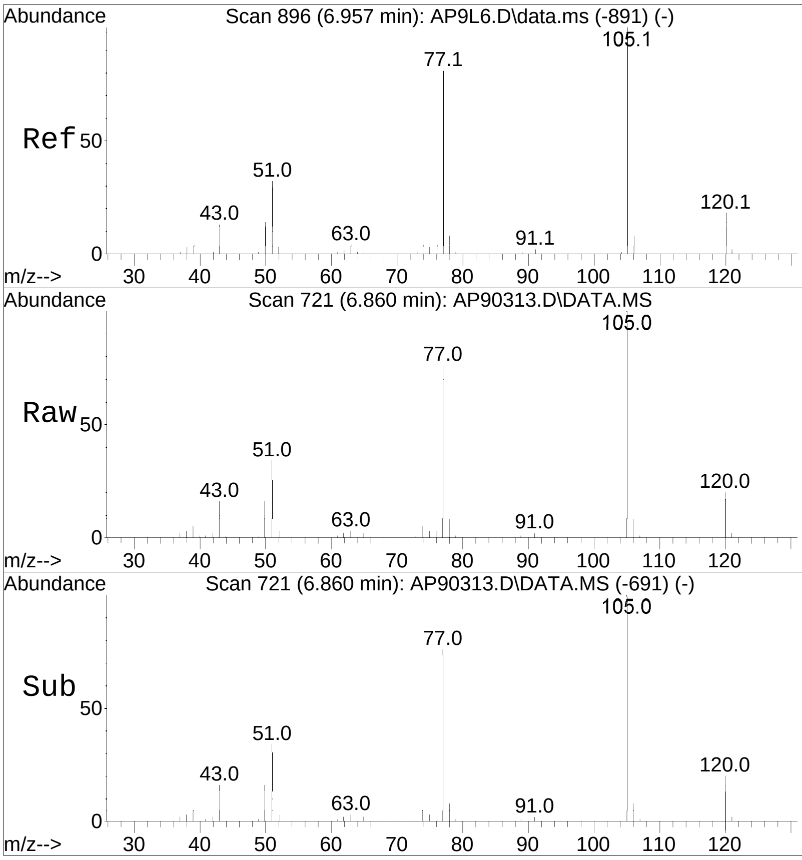


#28
Benzaldehyde
Concen: 4.46 ug/ml
RT: 5.773 min Scan# 593
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:105 Resp: 60719

Ion	Ratio	Lower	Upper
105	100		
77	100.2	82.2	123.4

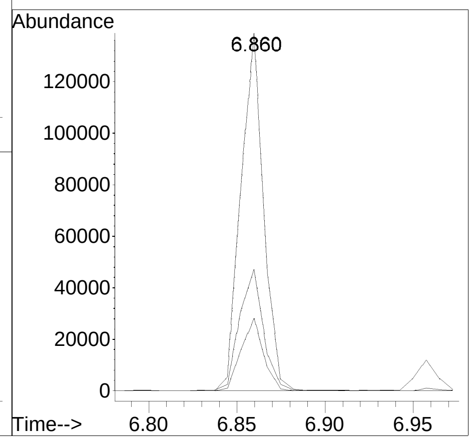


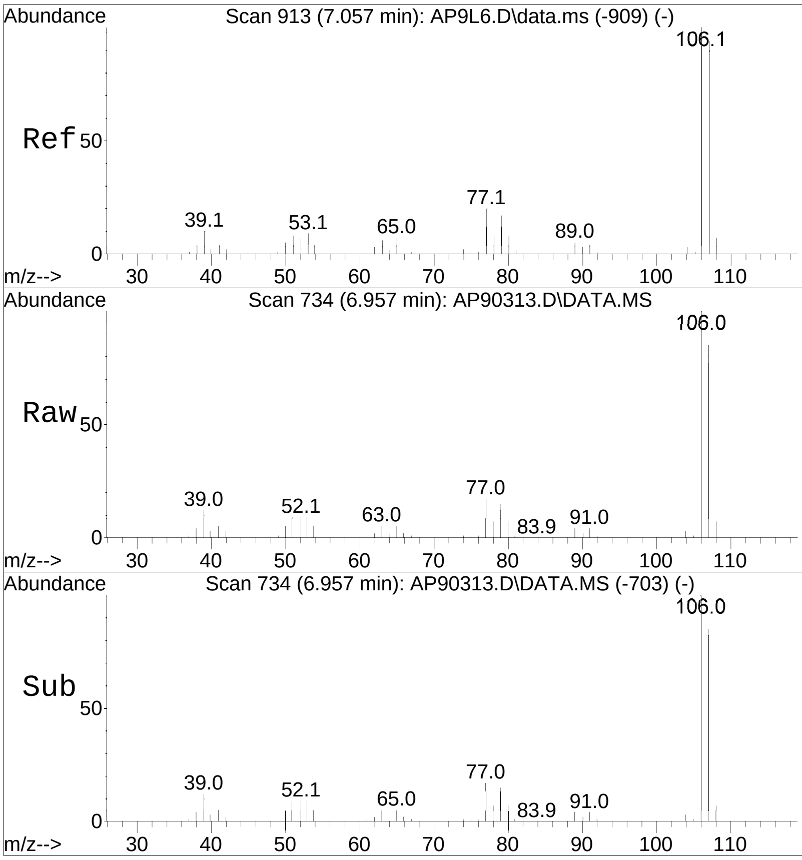


#29
Acetophenone
Concen: 5.27 ug/ml
RT: 6.860 min Scan# 721
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:105 Resp: 123781

Ion	Ratio	Lower	Upper
105	100		
120	20.0	20.5	30.7#
51	36.1	34.9	52.3

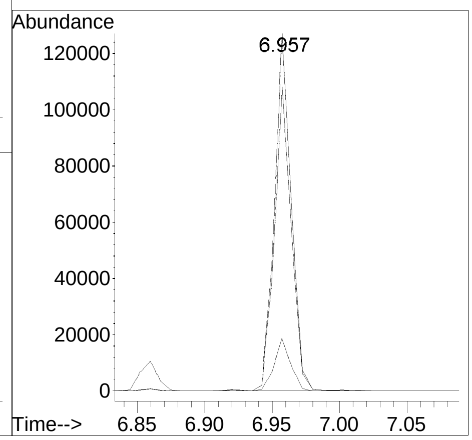


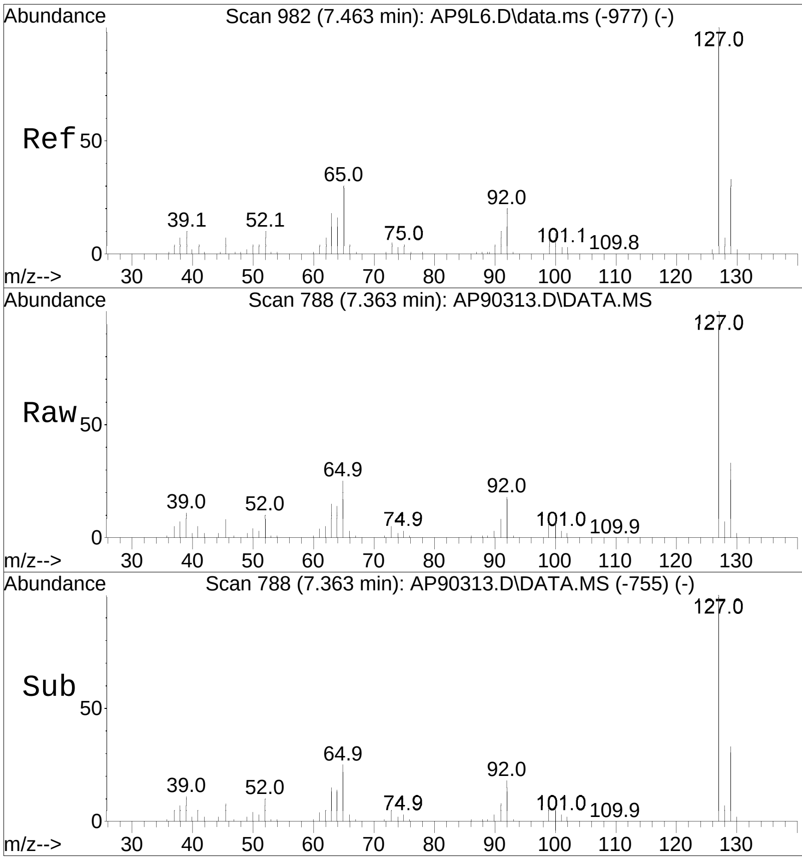


#30
m-Toluidine
Concen: 5.05 ug/ml
RT: 6.957 min Scan# 734
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:106 Resp: 109187

Ion	Ratio	Lower	Upper
106	100		
107	86.2	75.7	113.5
79	14.4	11.8	17.8

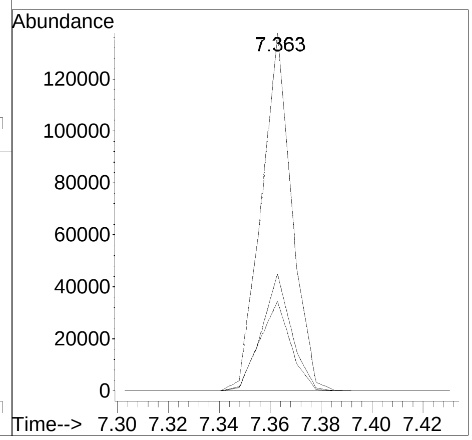


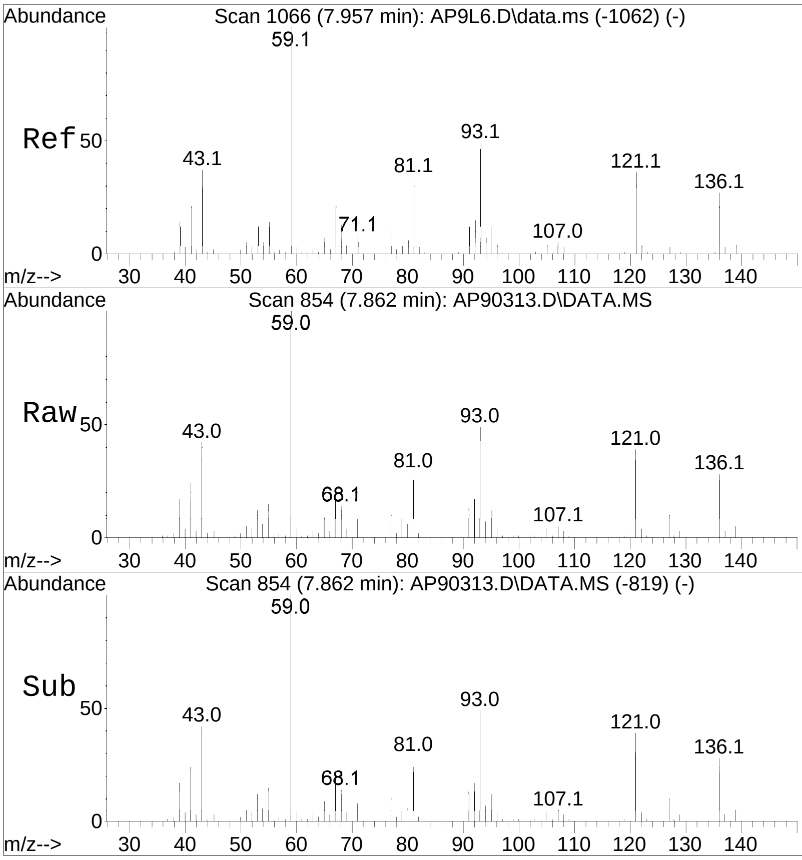


#31
2-Chloroaniline
Concen: 5.37 ug/ml
RT: 7.363 min Scan# 788
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:127 Resp: 113486

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	26.0	26.3	39.5#

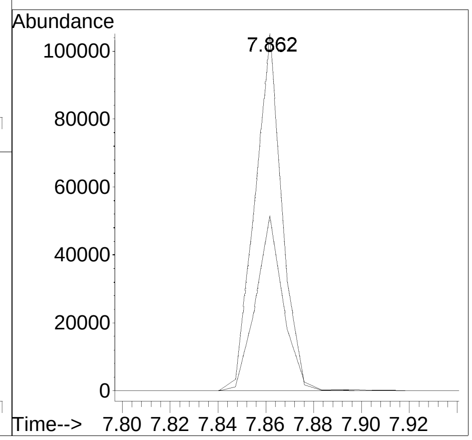


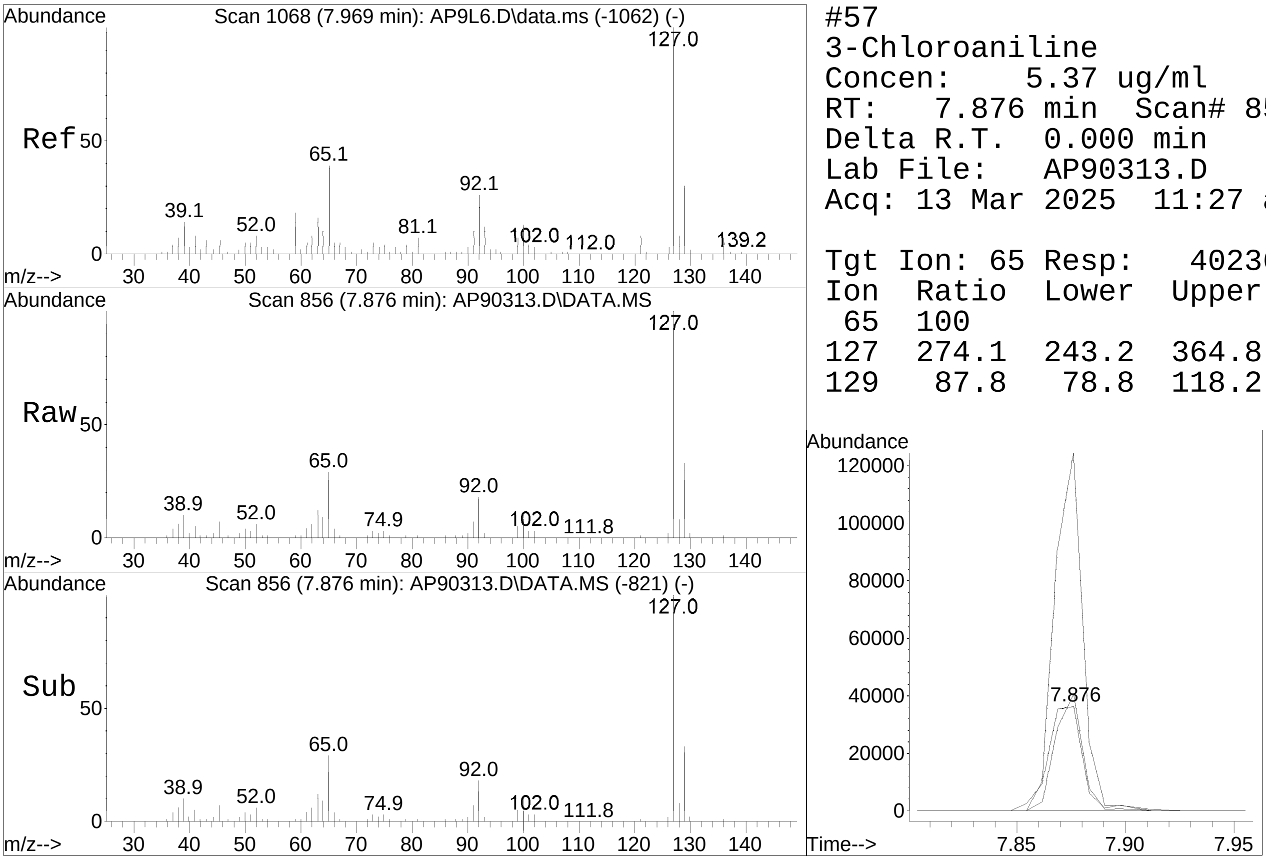


#56
a-Terpineol
Concen: 5.60 ug/ml
RT: 7.862 min Scan# 854
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion: 59 Resp: 82706

Ion	Ratio	Lower	Upper
59	100		
93	50.3	35.6	53.4

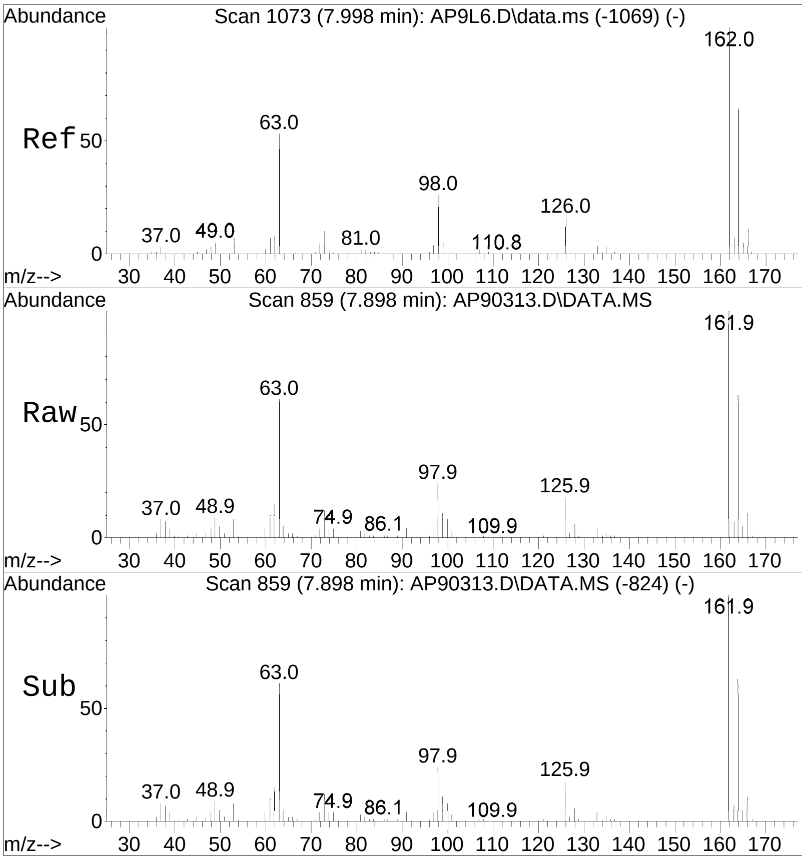




#57
3-Chloroaniline
Concen: 5.37 ug/ml
RT: 7.876 min Scan# 856
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion: 65 Resp: 40236

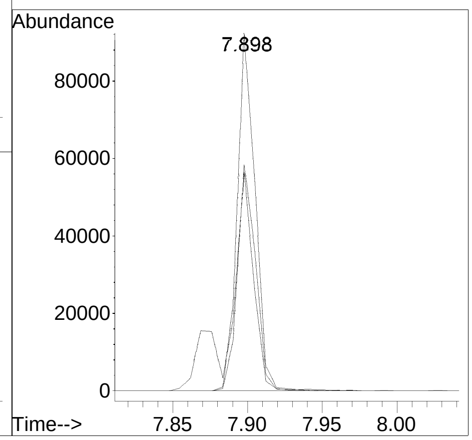
Ion	Ratio	Lower	Upper
65	100		
127	274.1	243.2	364.8
129	87.8	78.8	118.2

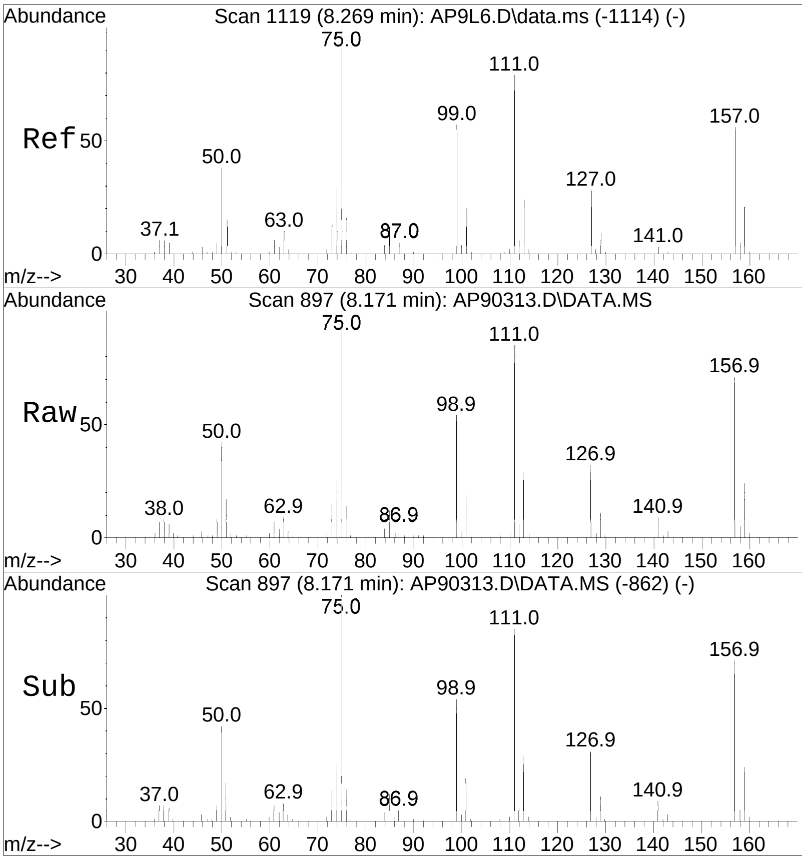


#58
2,6-Dichlorophenol
Concen: 5.30 ug/ml
RT: 7.898 min Scan# 859
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:162 Resp: 76839

Ion	Ratio	Lower	Upper
162	100		
164	64.1	51.1	76.7
63	80.1	60.8	91.2

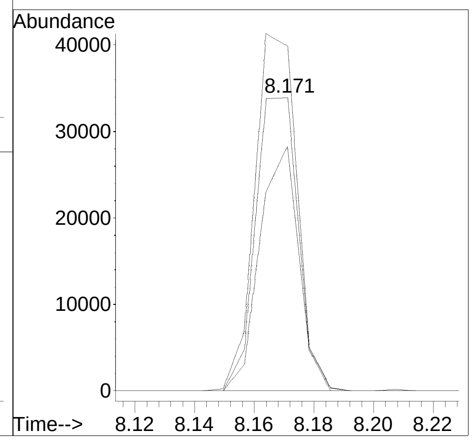


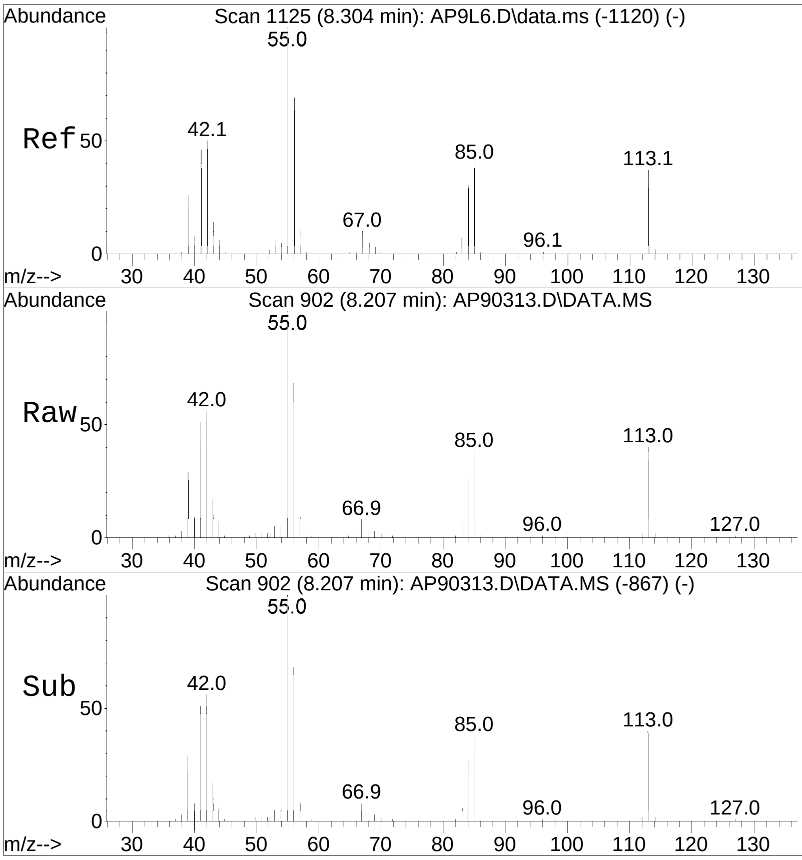


#59
1-chloro-2-nitrobenzene
Concen: 5.79 ug/ml
RT: 8.171 min Scan# 897
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:111 Resp: 33604

Ion	Ratio	Lower	Upper
111	100		
157	76.1	0.0	0.0#
75	120.7	28.2	42.2#

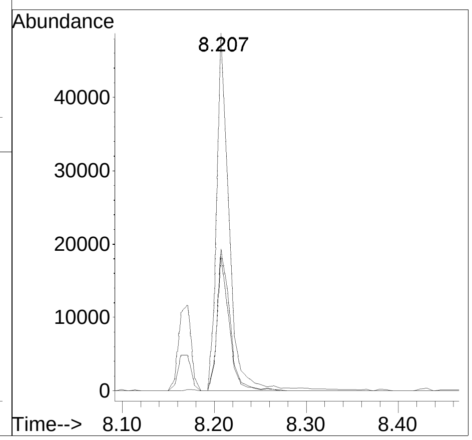


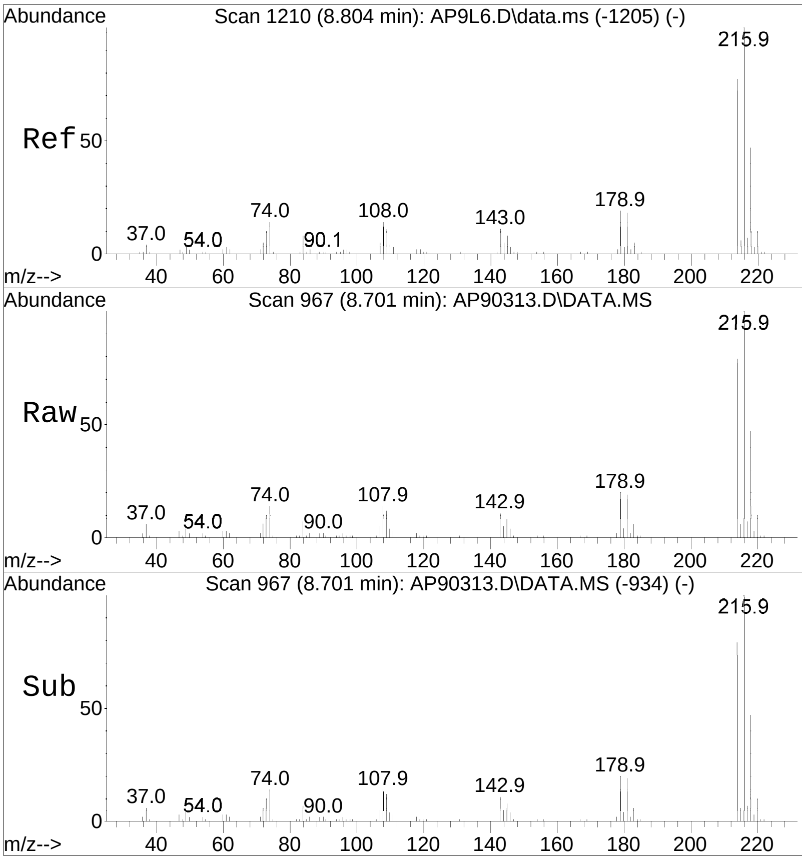


#60
Caprolactam
Concen: 5.30 ug/ml
RT: 8.207 min Scan# 902
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion: 55 Resp: 46849

Ion	Ratio	Lower	Upper
55	100		
85	36.2	19.8	29.6#
113	39.8	29.6	44.4

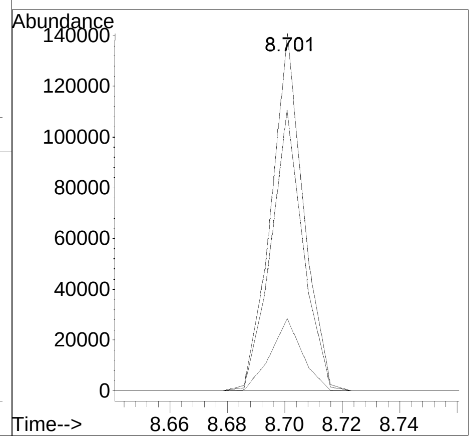


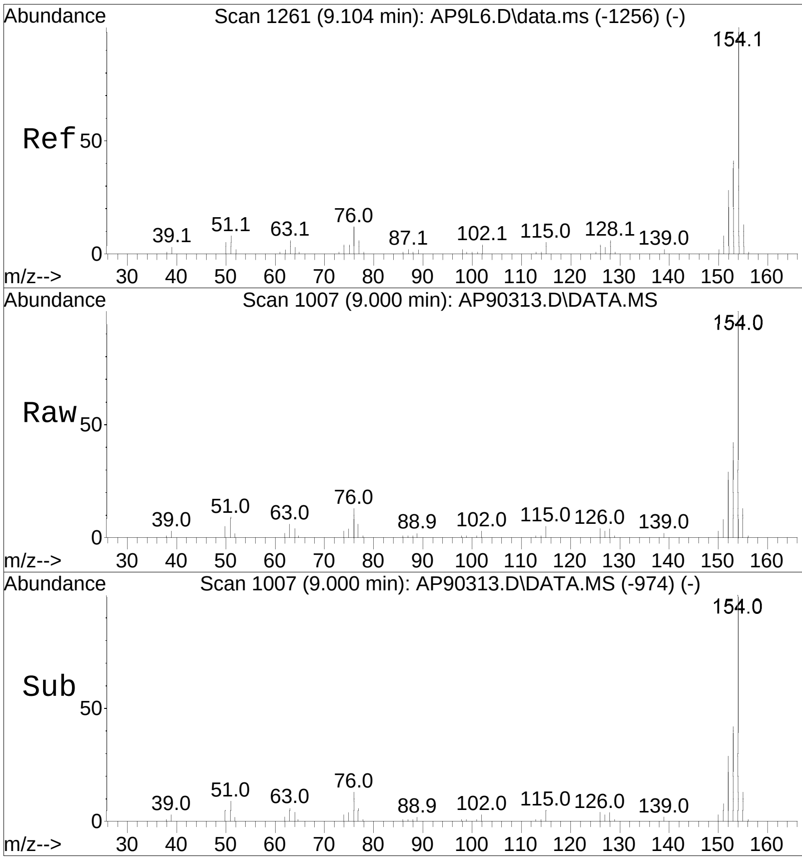


#61
1,2,4,5-Tetrachlorobenzene
Concen: 5.09 ug/ml
RT: 8.701 min Scan# 967
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:216 Resp: 109817

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.7	95.5
179	20.1	19.0	28.6

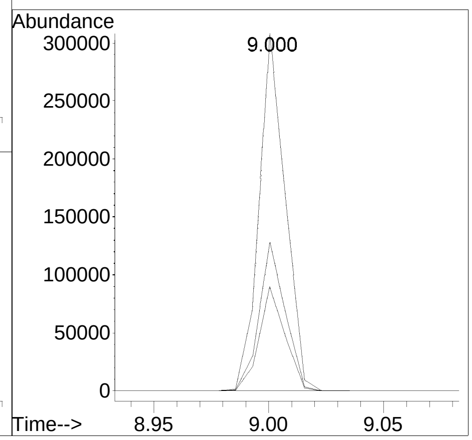


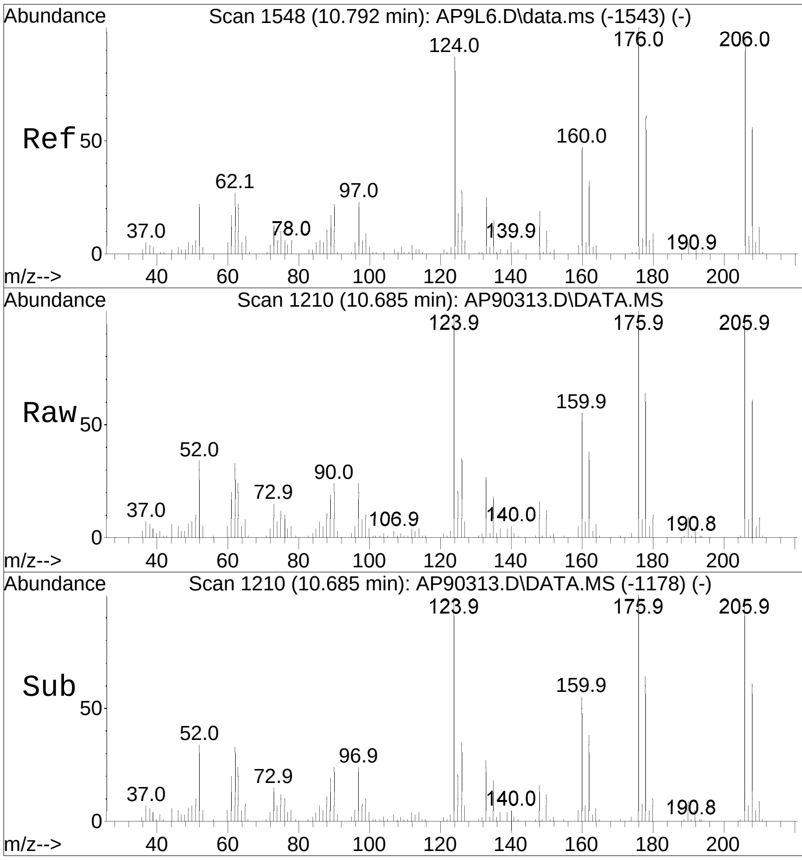


#62
Biphenyl
Concen: 5.12 ug/ml
RT: 9.000 min Scan# 1007
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:154 Resp: 243731

Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.3	48.5
152	28.9	22.5	33.7

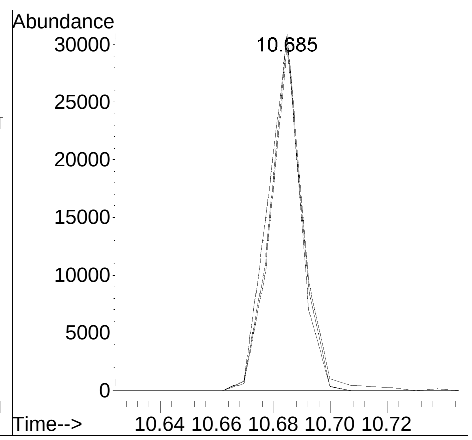


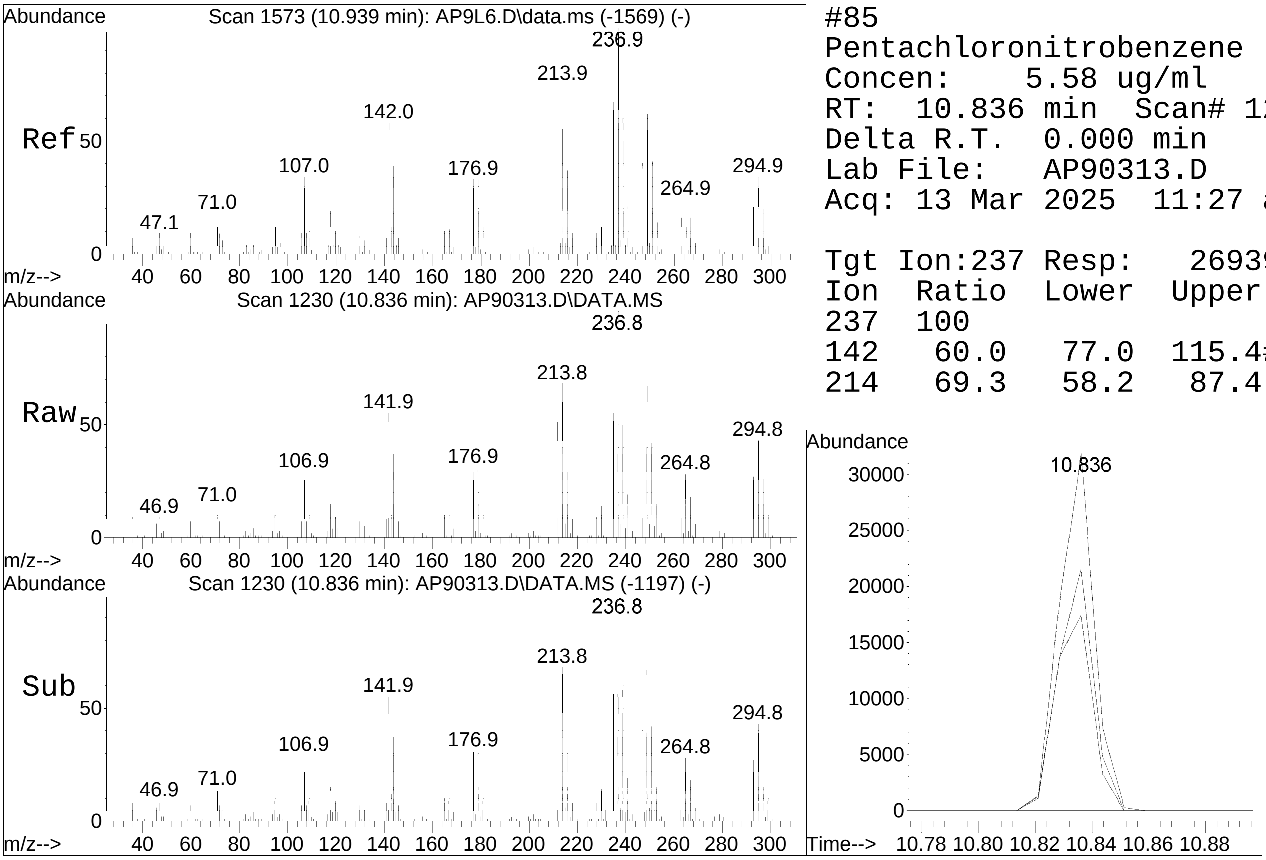


#84
Dichloran
Concen: 5.77 ug/ml
RT: 10.685 min Scan# 1210
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:206 Resp: 22696

Ion	Ratio	Lower	Upper
206	100		
176	109.1	104.6	157.0
124	107.3	130.5	195.7#

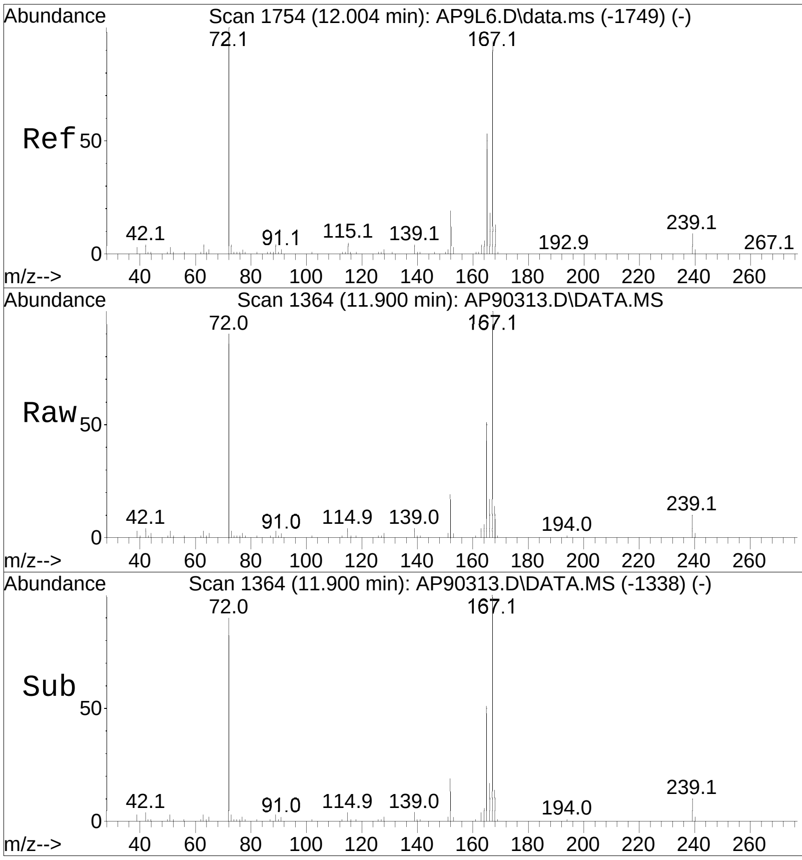




#85
Pentachloronitrobenzene
Concen: 5.58 ug/ml
RT: 10.836 min Scan# 1230
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:237 Resp: 26939

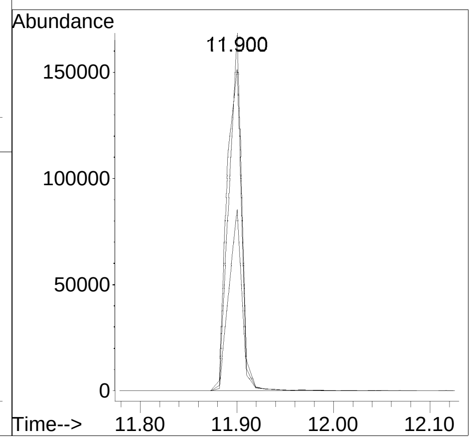
Ion	Ratio	Lower	Upper
237	100		
142	60.0	77.0	115.4#
214	69.3	58.2	87.4



#99
Diphenamid
Concen: 5.55 ug/ml
RT: 11.900 min Scan# 1364
Delta R.T. 0.000 min
Lab File: AP90313.D
Acq: 13 Mar 2025 11:27 am

Tgt Ion:167 Resp: 154575

Ion	Ratio	Lower	Upper
167	100		
72	102.9	109.7	164.5#
165	52.0	41.8	62.6



Manual Integration Report

Data Path	: I:\8270\SV106\250313RVT\	QMethod	: FS250311SV106.m
Data File	: AP90313.D	Operator	: SV106:jg
Date Inj'd	: 3/13/2025 11:27 am	Instrument	: SV 106
Sample	: WG2040166-4,32,,AP9 11152	Quant Date	: 3/13/2025 12:07 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250313RVT\
Data File : ADP0313.D
Acq On : 13 Mar 2025 11:50 am
Operator : SV106:jg
Sample : WG2040166-5,32,,ADP 11153 gmr0304B
Misc : WG2040166,,ical22075
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Mar 13 12:09:12 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:07:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	101	0.00
33	t	1,4-Dioxane		0.548	0.453	17.3	98	0.00
34	T	n-Decane		1.700	1.615	5.0	104	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	104	0.00
87	T	Atrazine		0.366	0.312	14.8	97	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	104	0.00
101	T	n-Octadecane		0.458	0.450	1.7	107	0.00
102	T	Parathion	*	5.000	5.766	-15.3	122	0.00
103	T	3,3'-Dimethylbenzidine	*	5.000	4.306	13.9	101	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVT\
Data File : ADP0313.D
Acq On : 13 Mar 2025 11:50 am
Operator : SV106:jg
Sample : WG2040166-5,32,,ADP 11153 gmr0304B
Misc : WG2040166,,ical22075
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Mar 13 12:09:12 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:07:34 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	6.351	152	59091	4.000	ug/ml	-0.02
86) IS3_Acenaphthene-d10	9.551	164	132555	4.000	ug/ml	-0.02
100) IS3_Phenanthrene-d10	10.988	188	278241	4.000	ug/ml	#-0.02
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.753	88	33456	4.133	ug/ml#	58
34) n-Decane	6.249	57	119298	4.751	ug/ml#	37
87) Atrazine	10.761	200	51647	4.264	ug/ml	95
101) n-Octadecane	10.973	57	156393	4.909	ug/ml#	1
102) Parathion	11.779	109	23262	5.766	ug/ml#	94
103) 3,3'-Dimethylbenzidine	13.054	212	201668	4.306	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : ADP0313.D
Acq On    : 13 Mar 2025  11:50 am
Operator  : SV106:jg
Sample    : WG2040166-5,32,,ADP 11153 gmr0304B
Misc      : WG2040166,,ical22075
ALS Vial  : 144   Sample Multiplier: 1

Quant Time: Mar 13 12:09:12 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 12:07:34 2025
Response via : Initial Calibration

Sub List     : ADPical_REV2 - ADP sublist
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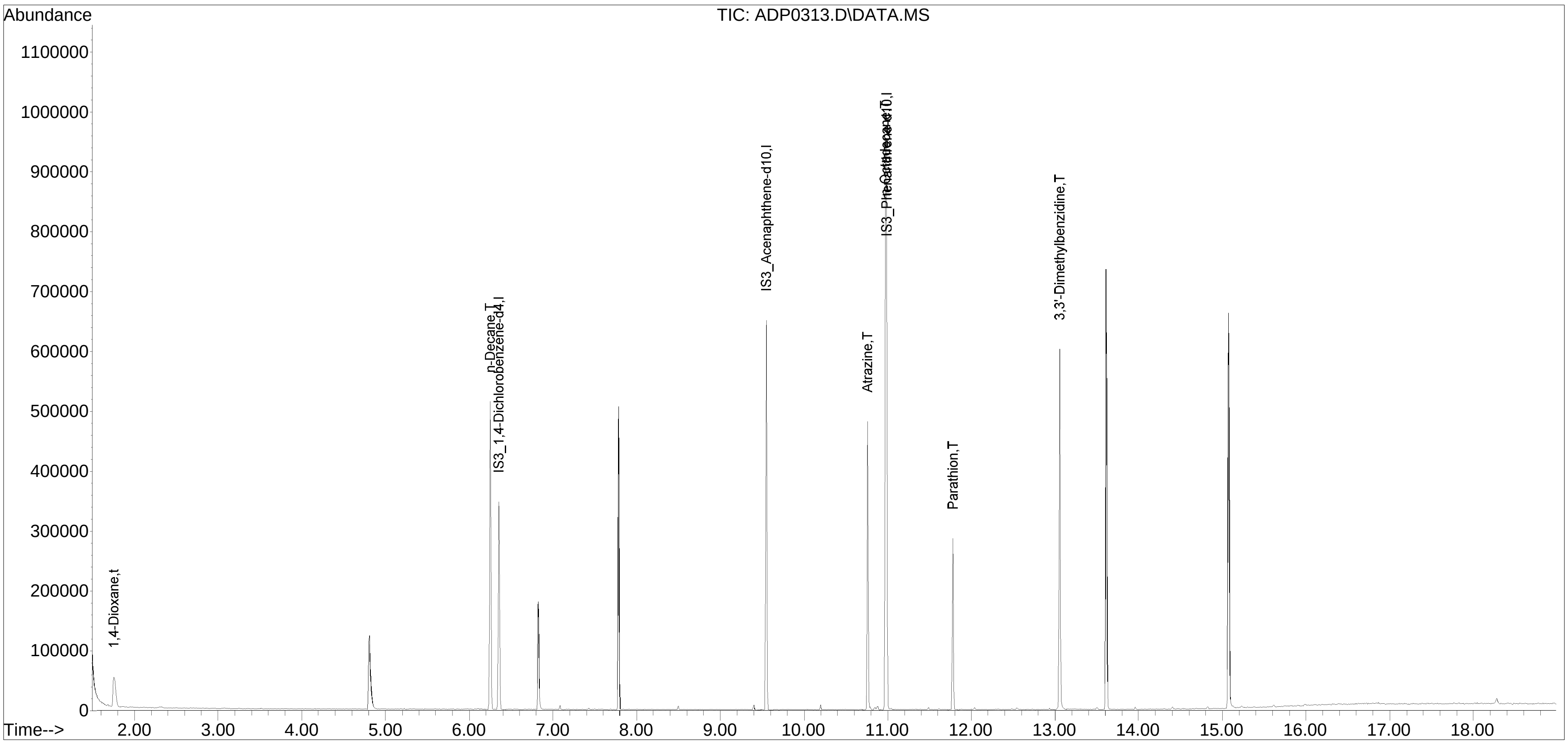
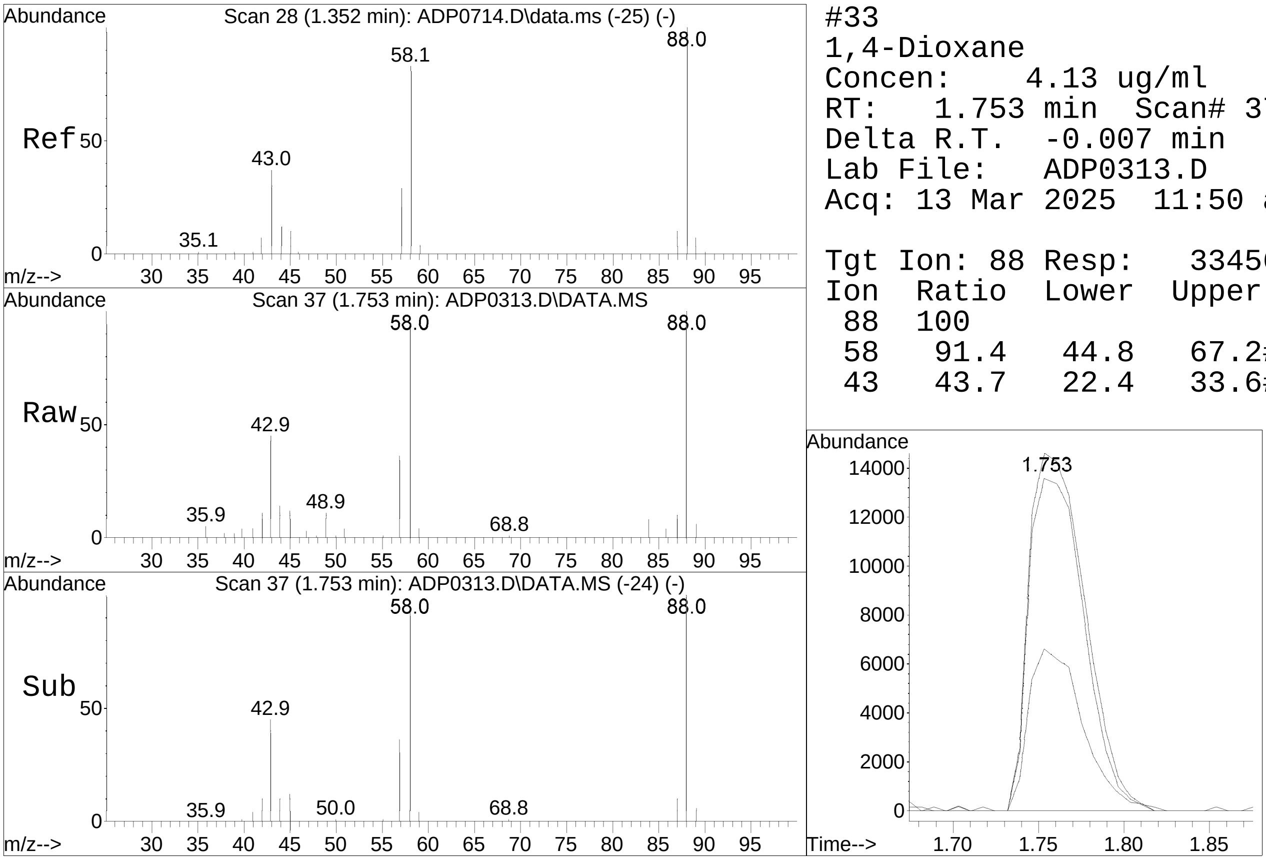
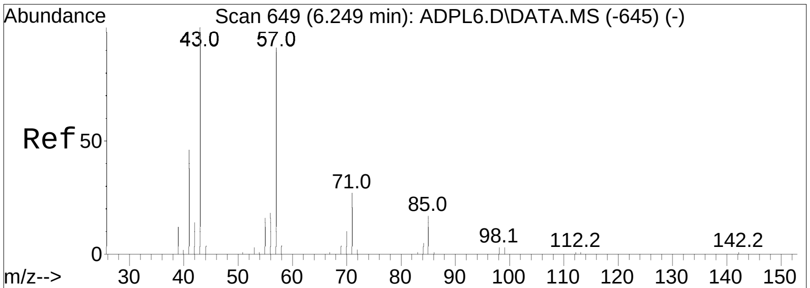


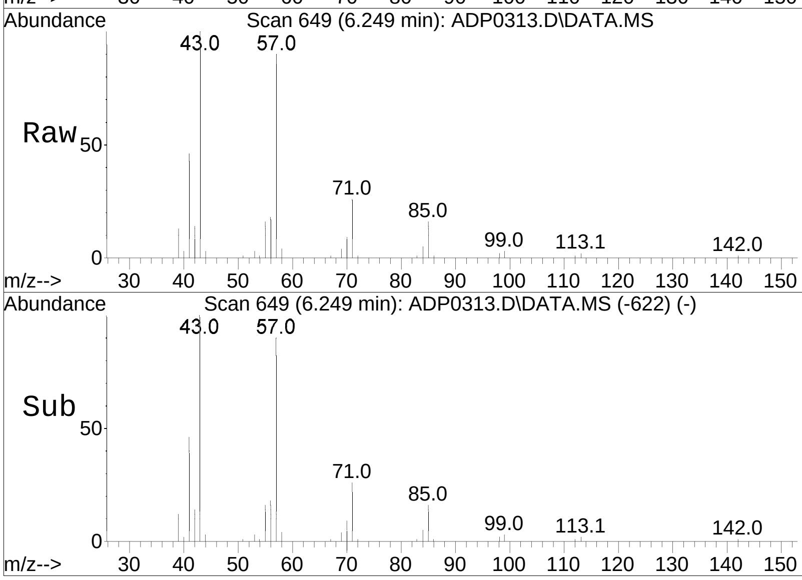


#33
1,4-Dioxane
Concen: 4.13 ug/ml
RT: 1.753 min Scan# 37
Delta R.T. -0.007 min
Lab File: ADP0313.D
Acq: 13 Mar 2025 11:50 am

Tgt Ion: 88 Resp: 33456

Ion	Ratio	Lower	Upper
88	100		
58	91.4	44.8	67.2#
43	43.7	22.4	33.6#

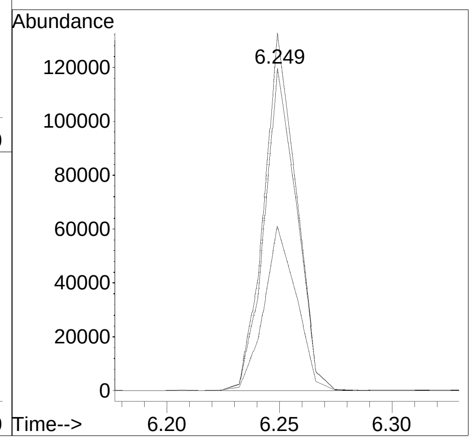


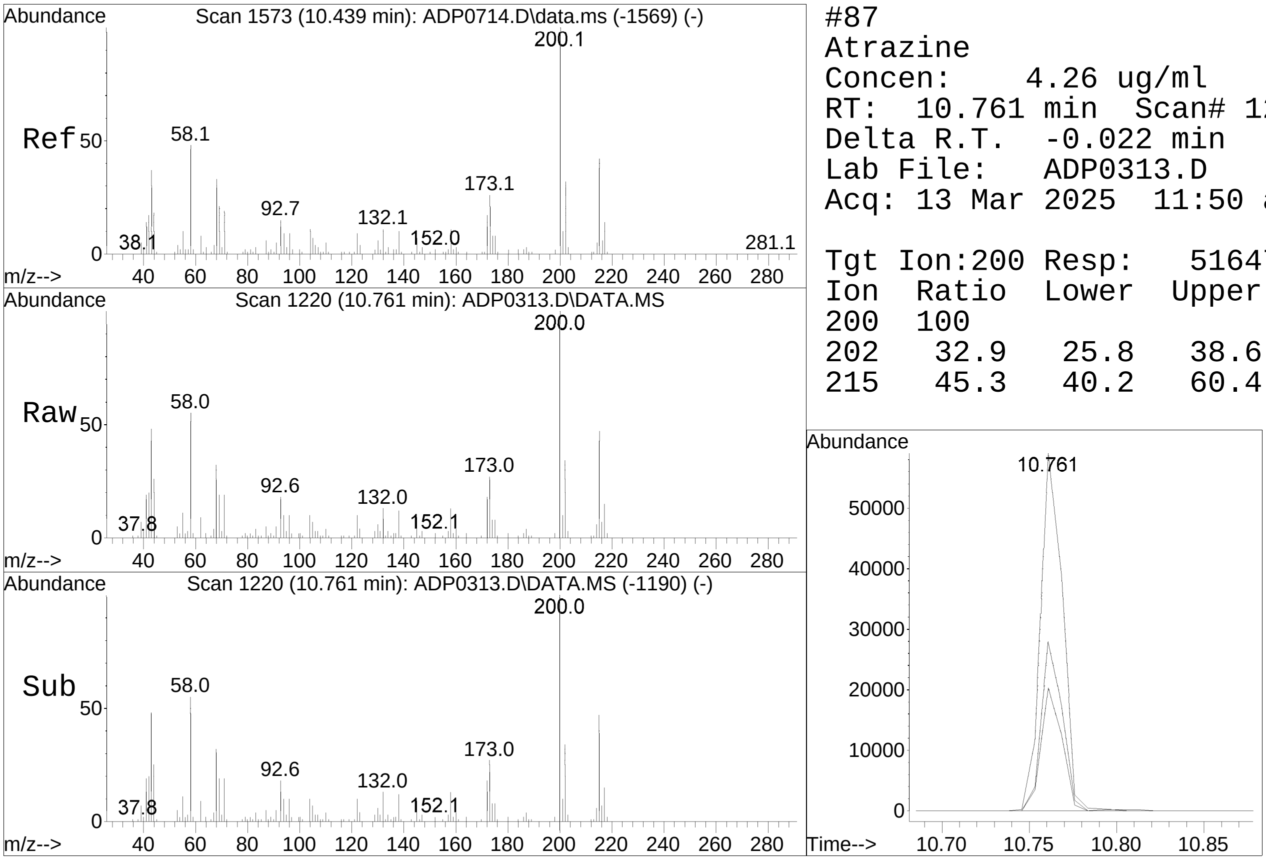


#34
n-Decane
Concen: 4.75 ug/ml
RT: 6.249 min Scan# 649
Delta R.T. -0.023 min
Lab File: ADP0313.D
Acq: 13 Mar 2025 11:50 am

Tgt Ion: 57 Resp: 119298

Ion	Ratio	Lower	Upper
57	100		
43	110.2	0.2	0.2#
41	51.3	0.2	0.2#

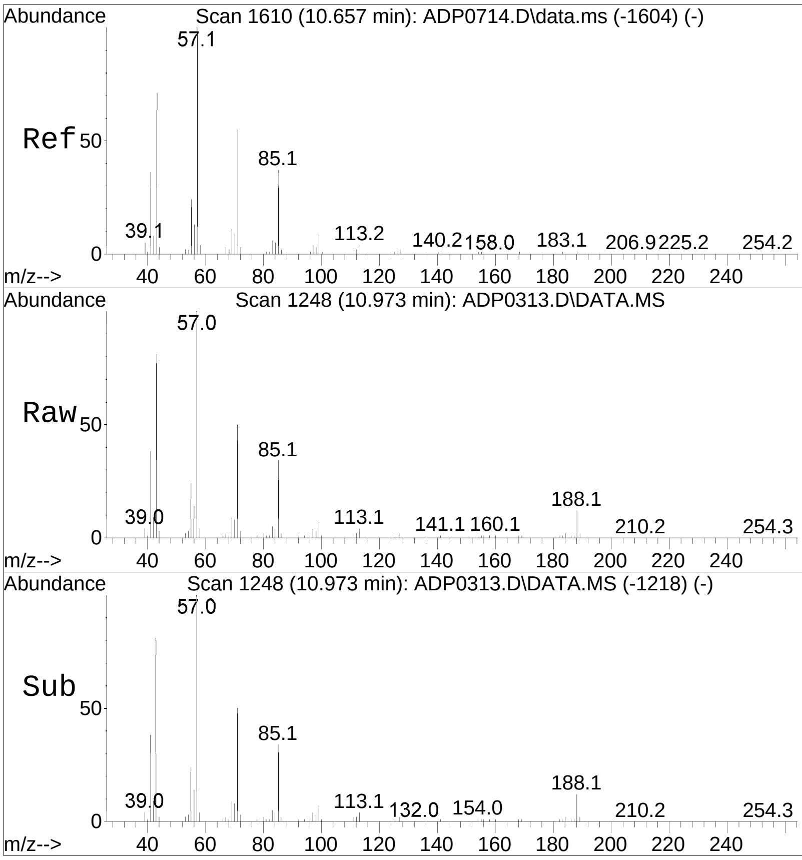




#87
Atrazine
Concen: 4.26 ug/ml
RT: 10.761 min Scan# 1220
Delta R.T. -0.022 min
Lab File: ADP0313.D
Acq: 13 Mar 2025 11:50 am

Tgt Ion:200 Resp: 51647

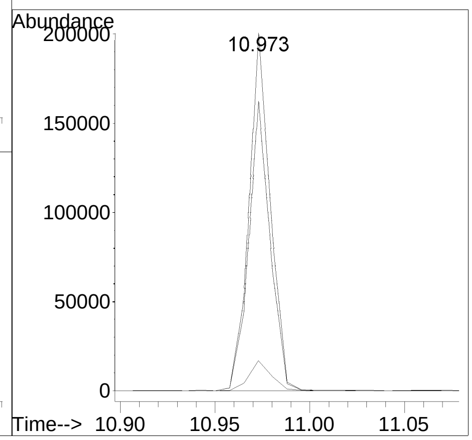
Ion	Ratio	Lower	Upper
200	100		
202	32.9	25.8	38.6
215	45.3	40.2	60.4

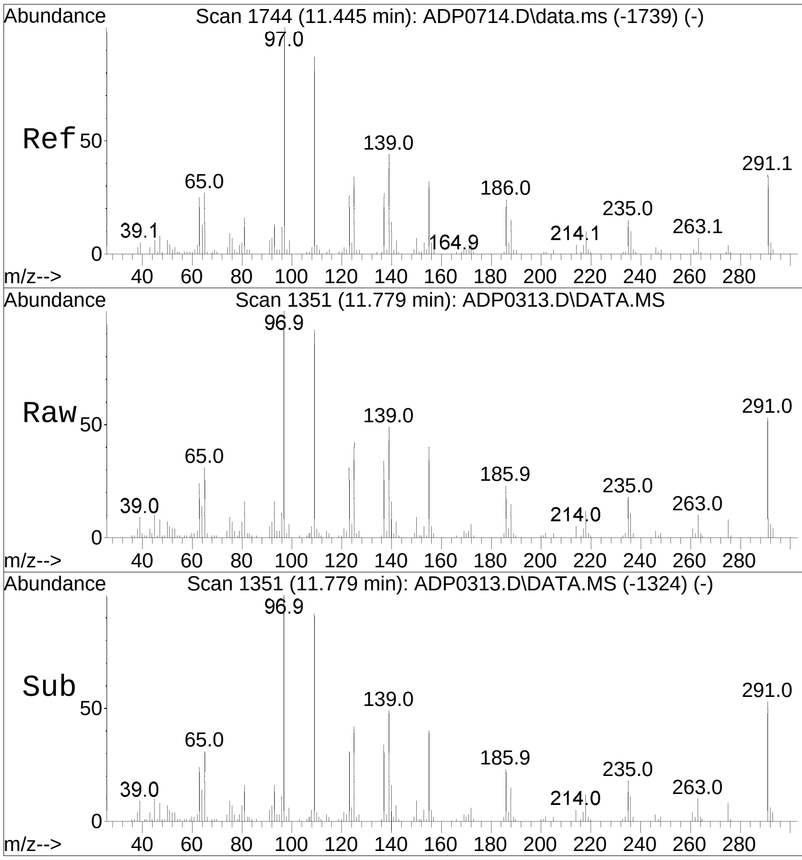


#101
n-Octadecane
Concen: 4.91 ug/ml
RT: 10.973 min Scan# 1248
Delta R.T. -0.022 min
Lab File: ADP0313.D
Acq: 13 Mar 2025 11:50 am

Tgt Ion: 57 Resp: 156393

Ion	Ratio	Lower	Upper
57	100		
43	81.8	9.0	13.6#
70	8.8	0.2	0.2#

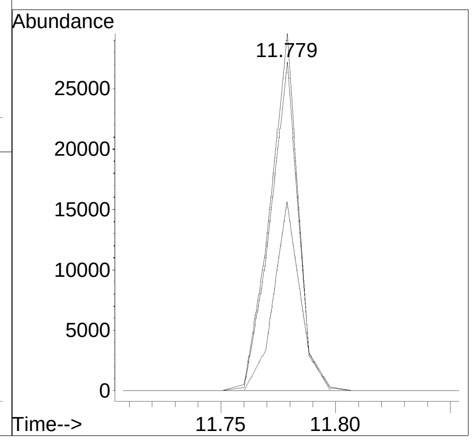


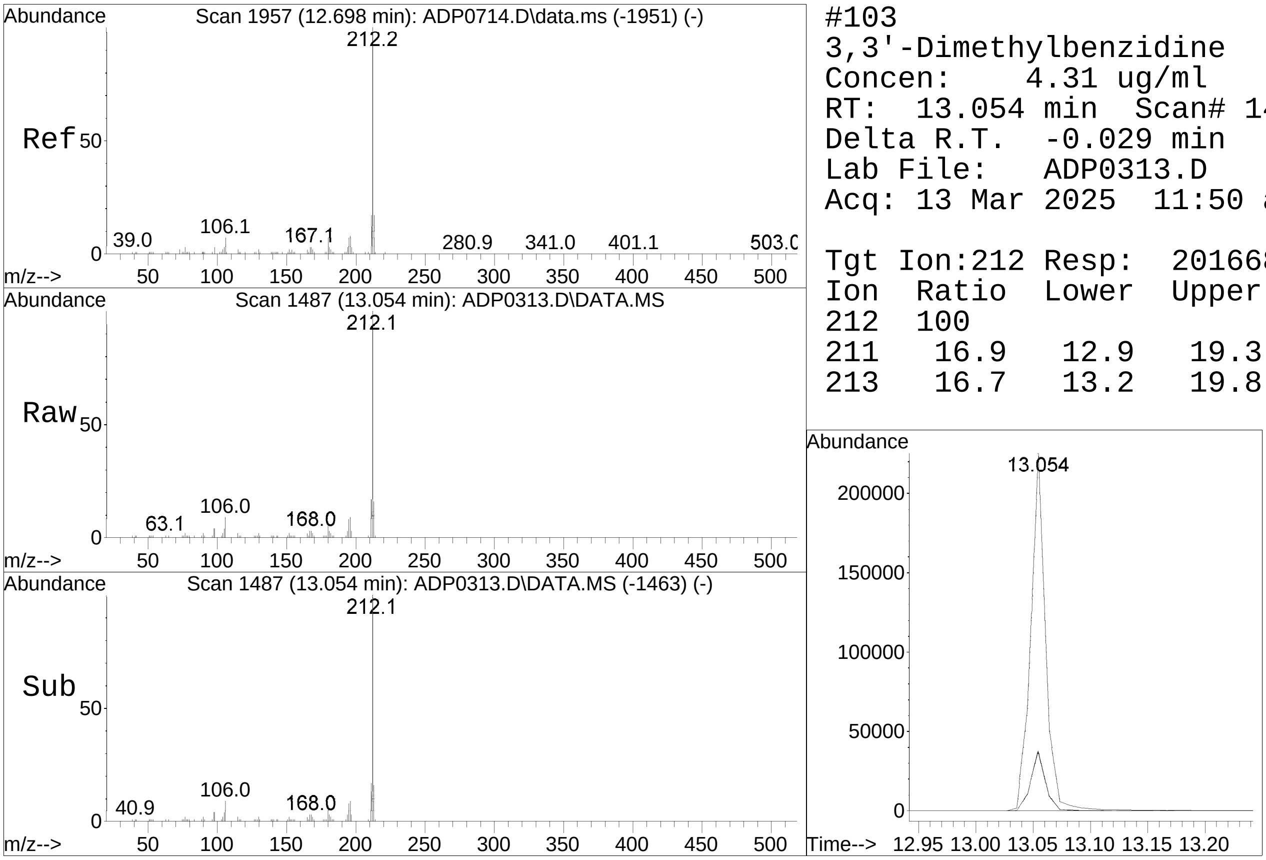


#102
Parathion
Concen: 5.77 ug/ml
RT: 11.779 min Scan# 1351
Delta R.T. -0.022 min
Lab File: ADP0313.D
Acq: 13 Mar 2025 11:50 am

Tgt Ion:109 Resp: 23262

Ion	Ratio	Lower	Upper
109	100		
97	107.8	87.4	131.2
291	53.6	34.2	51.2#





#103
3,3'-Dimethylbenzidine
Concen: 4.31 ug/ml
RT: 13.054 min Scan# 1487
Delta R.T. -0.029 min
Lab File: ADP0313.D
Acq: 13 Mar 2025 11:50 am

Tgt Ion:212 Resp: 201668

Ion	Ratio	Lower	Upper
212	100		
211	16.9	12.9	19.3
213	16.7	13.2	19.8

Manual Integration Report

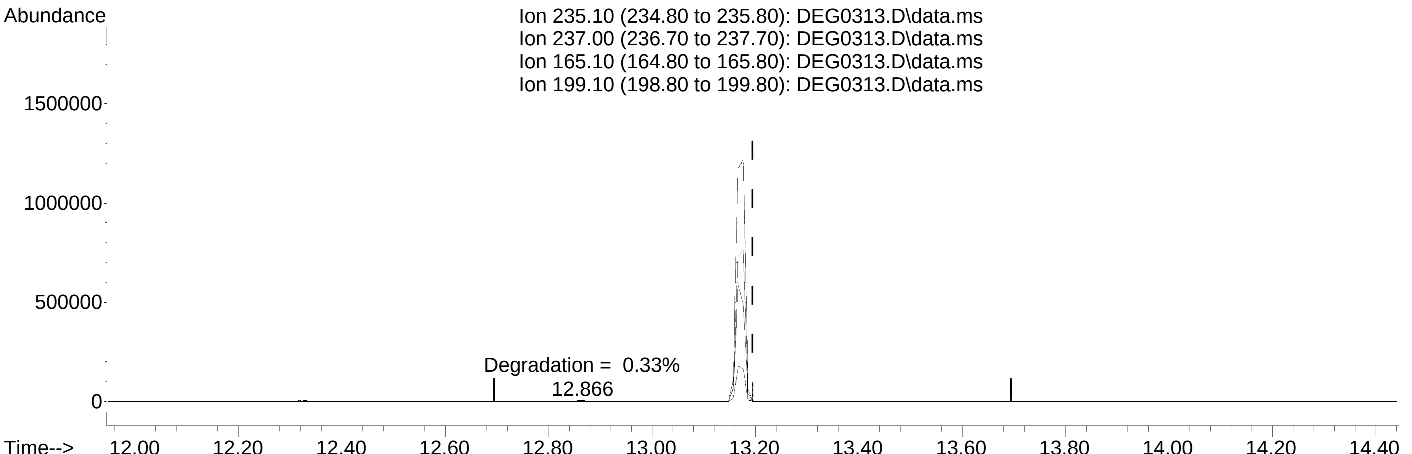
```
Data Path   : I:\8270\SV106\250313RVT\  QMethod     : FS250311SV106.m
Data File   : ADP0313.D                 Operator    : SV106:jg
Date Inj'd  : 3/13/2025 11:50 am        Instrument  : SV 106
Sample      : WG2040166-5,32,,ADP 11153 Quant Date  : 3/13/2025 12:10 pm
```

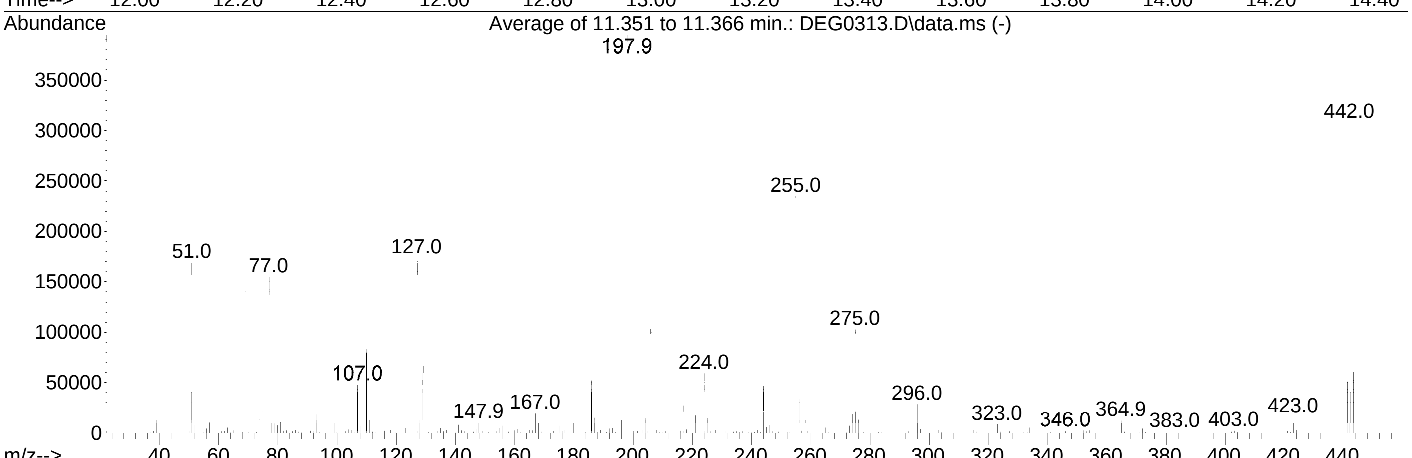
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250313RVT\
Data File : DEG0313.D
Acq On : 13 Mar 2025 10:40 am
Operator : SV106:jg
Sample : WG2040166-2,32,,SV106 Degdftpp Lot#11459 (Sig #1); wg-1,32,,SV106
Misc : WG2040166,,ical22075 (Sig #1); wg,,ical22075 (Sig #2)
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 13 11:00:37 2025
Quant Method : I:\8270\SV106\250313RVT\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration





CHROMtools™[WG2040166-6,32,,SV106 Degdftpp Lot#11459]

(6) DDT (T)

13.176min (-0.019) 252.20

response 1537349

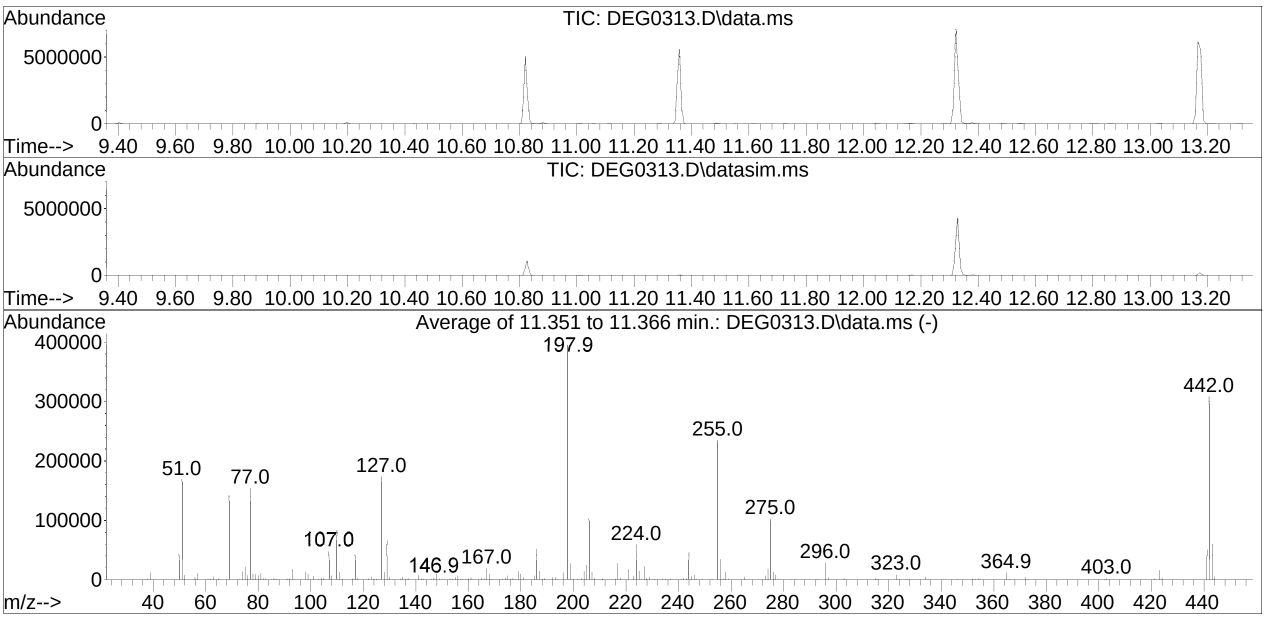
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.30	63.77
165.10	44.50	43.51
199.10	14.80	15.18

DFTPP

Data Path : I:\8270\SV106\250313RVT\
Data File : DEG0313.D
Acq On : 13 Mar 2025 10:40 am
Operator : SV106:gmr
Sample : WG2040166-1,32,,SV106 Degdftpp Lot#11459 (Sig #1); wg-1,32,,SV106
Misc : WG2040166,,ical22075 (Sig #1); wg,,ical22075 (Sig #2)
ALS Vial : 141 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p

Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Mar 13 12:07:34 2025



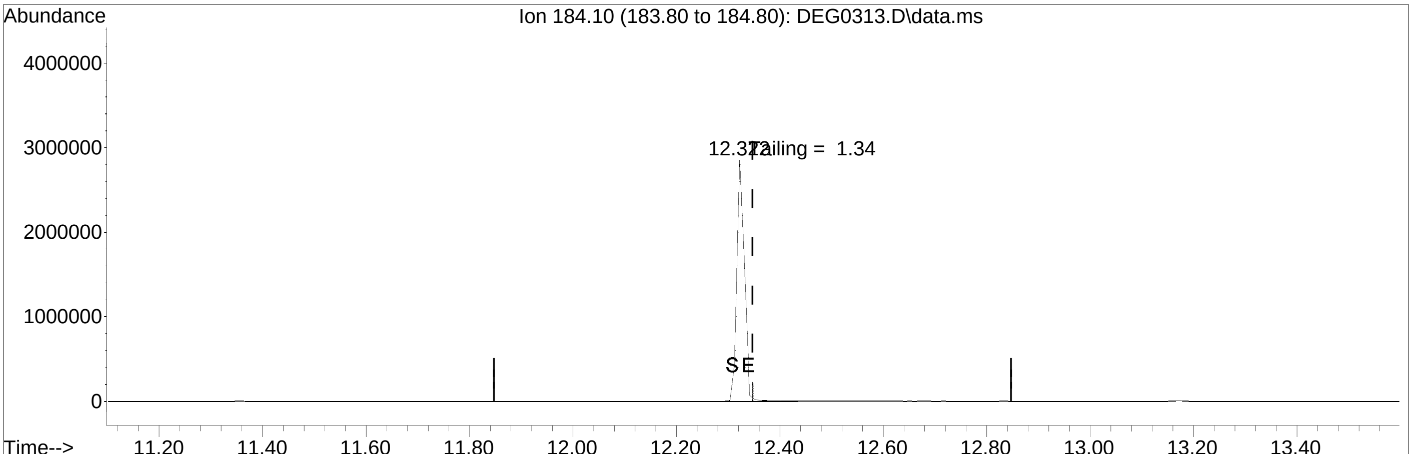
Spectrum Information: Average of 11.351 to 11.366 min.

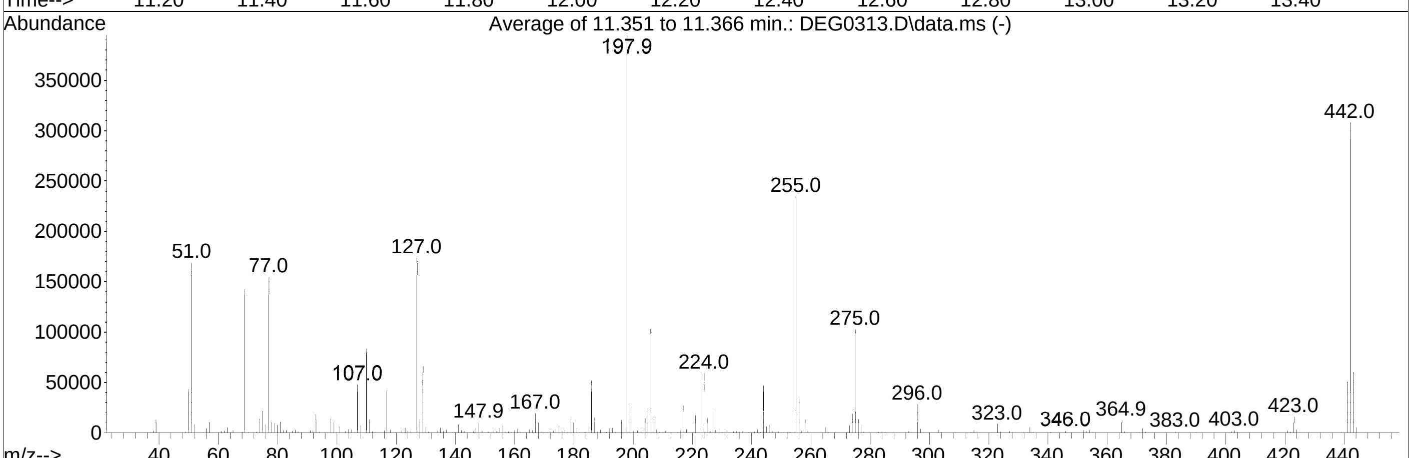
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	42.8	168808	PASS
68	69	0.00	2	0.7	1042	PASS
69	69	100	100	100.0	142216	PASS
70	69	0.00	2	0.5	663	PASS
127	198	10	80	43.9	173336	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	394819	PASS
199	198	5	9	6.9	27338	PASS
275	198	10	60	26.0	102685	PASS
365	198	1	100	3.1	12119	PASS
441	442	0.01	24	16.6	50955	PASS
442	198	50	100	78.0	307797	PASS
443	442	15	24	19.6	60189	PASS

Quantitation Report (Qedit)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : DEG0313.D
Acq On    : 13 Mar 2025  10:40 am
Operator  : SV106:jg
Sample    : WG2040166-6,32,,SV106 Degdftpp Lot#11459 (Sig #1); wg-1,32,,SV106
Misc      : WG2040166,,ical22075 (Sig #1); wg,,ical22075 (Sig #2)
ALS Vial  : 141   Sample Multiplier: 1

Quant Time: Mar 13 11:00:37 2025
Quant Method : I:\8270\SV106\250313RVT\DftppSV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration
```





CHROMtools™[WG2040166-7,32,,SV106 Degdftpp Lot#11459]

(3) Benzidine (T)

12.322min (-0.026) 277.11

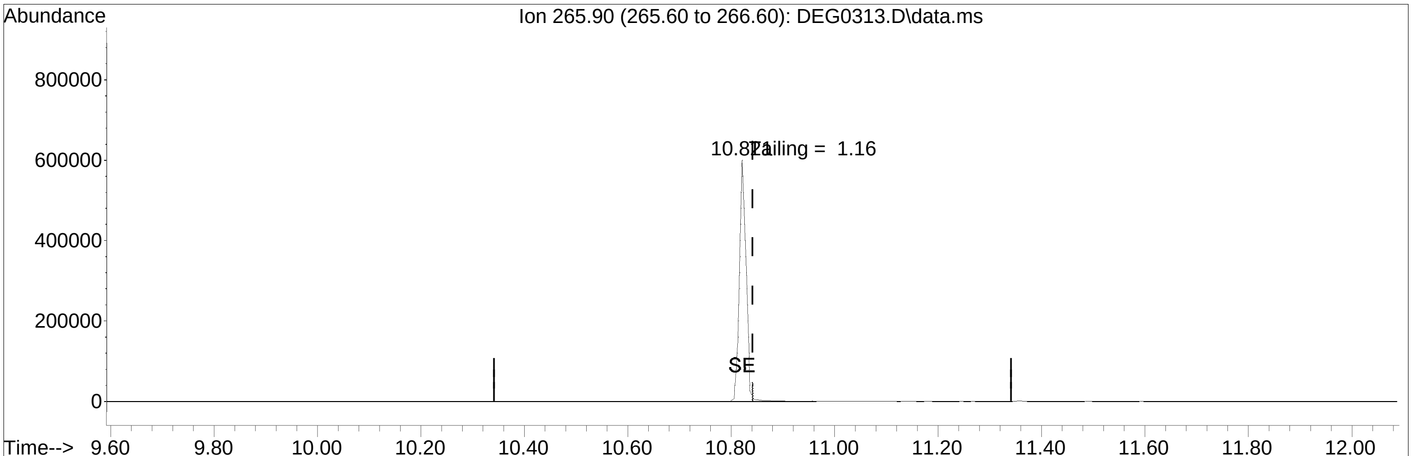
response 2820998

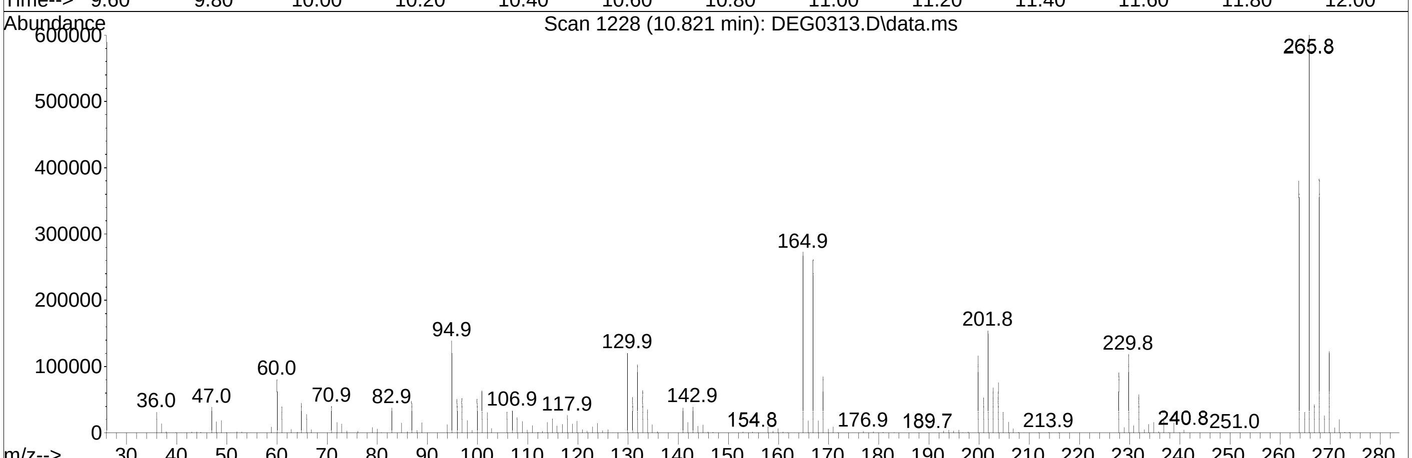
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250313RVT\
Data File : DEG0313.D
Acq On : 13 Mar 2025 10:40 am
Operator : SV106:jg
Sample : WG2040166-7,32,,SV106 Degdftpp Lot#11459 (Sig #1); wg-1,32,,SV106
Misc : WG2040166,,ical22075 (Sig #1); wg,,ical22075 (Sig #2)
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 13 11:00:37 2025
Quant Method : I:\8270\SV106\250313RVT\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration





CHROMtools™ [WG2040166-7,32,,SV106 Degdftpp Lot#11459]

(1) Pentachlorophenol (T)

10.821min (-0.021) 245.58

response 515814

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Calibration Date	: 03/13/25 11:03
Lab File ID	: ABN0313	Init. Calib. Date(s)	: 03/11/25 03/12/25
Sample No	: WG2040166-3	Init. Calib. Times	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
n-Nitrosodimethylamine	0.718	0.729	-	-1.5	20	111	0
Pyridine	1.251	0.961	-	23.2*	20	90	0
2-Fluorophenol	1.128	1.061	-	5.9	20	103	0
Aniline	1.738	1.776	-	-2.2	20	105	0
2-Chlorophenol	1.218	1.195	-	1.9	20	107	0
Phenol-d6	1.323	1.297	-	2	20	106	0
Phenol	1.459	1.451	-	0.5	20	109	0
Bis(2-chloroethyl)ether	1.159	1.182	-	-2	20	112	0
1,3-Dichlorobenzene	1.54	1.458	-	5.3	20	107	0
1,4-Dichlorobenzene	1.574	1.509	-	4.1	20	105	0
1,2-Dichlorobenzene	1.49	1.452	-	2.6	20	109	0
Benzyl alcohol	0.91	0.891	-	2.1	20	106	0
Bis(2-chloroisopropyl)ethe	2.704	2.936	-	-8.6	20	121	0
2-Methylphenol	1.283	1.25	-	2.6	20	109	0
Hexachloroethane	0.546	0.533	-	2.4	20	106	0
n-Nitrosodi-n-propylamine	0.855	0.856	-	-0.1	20	108	0
3-Methylphenol/4-Methylphe	1.11	1.135	-	-2.3	20	110	0
Nitrobenzene-d5	1.096	1.138	-	-3.8	20	111	0
Nitrobenzene	1.118	1.204	-	-7.7	20	113	0
Isophorone	2.296	2.3	-	-0.2	20	108	0
2-Nitrophenol	0.509	0.527	-	-3.5	20	110	0
2,4-Dimethylphenol	1.198	1.215	-	-1.4	20	106	0
Bis(2-chloroethoxy)methane	1.639	1.269	-	22.6*	20	93	0
2,4-Dichlorophenol	1.137	1.145	-	-0.7	20	106	0
1,2,4-Trichlorobenzene	1.457	1.381	-	5.2	20	107	0
IS1_Naphthalene-d8	1	1	-	0	20	113	0
Naphthalene	1.066	1.011	-	5.2	20	112	0
Benzoic Acid	5	3.27	-	34.6*	20	95	0
4-Chloroaniline	0.132	0.128	-	3	20	109	0
Hexachlorobutadiene	0.244	0.225	-	7.8	20	106	0
p-Chloro-m-cresol	0.325	0.292	-	10.2	20	106	0
2-Methylnaphthalene	0.638	0.616	-	3.4	20	111	0
1-Methylnaphthalene	0.245	0.224	-	8.6	20	108	0
Hexachlorocyclopentadiene	0.3	0.264	-	12	20	100	0
2,4,6-Trichlorophenol	0.251	0.223	-	11.2	20	100	0
2,4,5-Trichlorophenol	0.255	0.257	-	-0.8	20	110	0
2-Fluorobiphenyl	0.923	0.846	-	8.3	20	107	0
2-Chloronaphthalene	0.756	0.701	-	7.3	20	108	0
2-Nitroaniline	0.166	0.166	-	0	20	108	0
1,4-Dinitrobenzene	5	3.259	-	34.8*	20	63	0
1,3-Dinitrobenzene	0.104	0.096	-	7.7	20	108	0
Dimethyl phthalate	0.908	0.85	-	6.4	20	106	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:03
Lab File ID	: ABN0313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-3	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.201	1.118	-	6.9	20	107	0
2,6-Dinitrotoluene	0.151	0.164	-	-8.6	20	104	0
1,2-Dinitrobenzene	0.063	0.066	-	-4.8	20	106	0
IS1_Acenaphthene-d10	1	1	-	0	20	106	0
3-Nitroaniline	0.252	0.269	-	-6.7	20	108	0
Acenaphthene	1.101	1.045	-	5.1	20	108	0
2,4-Dinitrophenol	5	4.576	-	8.5	20	108	0
Dibenzofuran	1.914	1.738	-	9.2	20	109	0
2,4-Dinitrotoluene	5	4.809	-	3.8	20	107	0
4-Nitrophenol	0.192	0.202	-	-5.2	20	108	0
2,3,5,6-Tetrachlorophenol	0.365	0.48	-	-31.5*	20	144	0
2,3,4,6-Tetrachlorophenol	0.344	0.337	-	2	20	102	0
Diethyl phthalate	1.359	1.307	-	3.8	20	103	0
Fluorene	1.41	1.358	-	3.7	20	107	0
4-Chlorophenyl phenyl ethe	0.738	0.689	-	6.6	20	106	0
4-Nitroaniline	0.246	0.279	-	-13.4	20	114	0
4,6-Dinitro-o-cresol	5	4.31	-	13.8	20	107	0
NDPA/DPA	1.176	1.128	-	4.1	20	106	0
Azobenzene	1.121	1.165	-	-3.9	20	111	0
2,4,6-Tribromophenol	0.206	0.189	-	8.3	20	94	0
4-Bromophenyl phenyl ether	0.463	0.428	-	7.6	20	103	0
Hexachlorobenzene	0.543	0.486	-	10.5	20	103	0
Pentachlorophenol	0.282	0.257	-	8.9	20	98	0
IS1_Phenanthrene-d10	1	1	-	0	20	107	0
Phenanthrene	1.135	1.078	-	5	20	108	0
Anthracene	1.107	1.077	-	2.7	20	106	0
Carbazole	0.989	0.986	-	0.3	20	106	0
Di-n-butylphthalate	1.116	1.239	-	-11	20	119	0
Fluoranthene	1.298	1.268	-	2.3	20	108	0
Benzidine	0.704	0.746	-	-6	20	108	0
Pyrene	1.359	1.341	-	1.3	20	108	0
4-Terphenyl-d14	1.038	0.977	-	5.9	20	105	0
Butyl benzyl phthalate	5	4.197	-	16.1	20	103	0
IS1_Chrysene-d12	1	1	-	0	20	106	0
Benzo(a)anthracene	1.278	1.252	-	2	20	108	0
3,3'-Dichlorobenzidine	0.429	0.446	-	-4	20	103	0
Chrysene	1.267	1.184	-	6.6	20	105	0
Bis(2-ethylhexyl)phthalate	5	4.472	-	10.6	20	104	0
Di-n-octylphthalate	5	4.133	-	17.3	20	101	0
Benzo(b)fluoranthene	1.314	1.203	-	8.4	20	95	0
Benzo(k)fluoranthene	1.222	1.174	-	3.9	20	104	0
Benzo(a)pyrene	1.157	1.091	-	5.7	20	98	0
IS1_Perylene-d12	1	1	-	0	20	100	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV106**	**Calibration Date**	**: 03/13/25 11:03**
Lab File ID	**: ABN0313**	**Init. Calib. Date(s)**	**: 03/11/25 03/12/25**
Sample No	**: WG2040166-3**	**Init. Calib. Times**	**: 16:50 06:06**
Channel	**:**		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.068	1.126	-	-5.4	20	99	0
Dibenzo(a,h)anthracene	1.063	1.085	-	-2.1	20	99	0
Benzo(ghi)perylene	1.047	1.074	-	-2.6	20	101	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:27
Lab File ID	: AP90313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-4	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
Benzaldehyde	0.954	0.85	-	10.9	20	91	0
Acetophenone	1.646	1.733	-	-5.3	20	105	0
m-Toluidine	1.514	1.529	-	-1	20	99	0
2-Chloroaniline	1.481	1.589	-	-7.3	20	109	0
IS2_Naphthalene-d8	1	1	-	0	20	101	0
a-Terpineol	0.275	0.308	-	-12	20	115	0
3-Chloroaniline	0.139	0.15	-	-7.9	20	108	0
2,6-Dichlorophenol	0.27	0.286	-	-5.9	20	110	0
1-chloro-2-nitrobenzene	0.108	0.125	-	-15.7	20	122	0
Caprolactam	0.165	0.174	-	-5.5	20	119	0
1,2,4,5-Tetrachlorobenzene	0.401	0.409	-	-2	20	108	0
Biphenyl	0.885	0.907	-	-2.5	20	109	0
IS2_Acenaphthene-d10	1	1	-	0	20	103	0
Dichloran	5	5.77	-	-15.4	20	129	0
Pentachloronitrobenzene	0.144	0.16	-	-11.1	20	124	0
IS2_Phenanthrene-d10	1	1	-	0	20	102	0
Diphenamid	0.413	0.458	-	-10.9	20	109	0

*** Value outside of QC limits.**

Pace

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:50
Lab File ID	: ADP0313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-5	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
1,4-Dioxane	0.548	0.453	-	17.3	20	98	0
n-Decane	1.7	1.615	-	5	20	104	0
IS3_Acenaphthene-d10	1	1	-	0	20	104	0
Atrazine	0.366	0.312	-	14.8	20	97	0
IS3_Phenanthrene-d10	1	1	-	0	20	104	0
n-Octadecane	0.458	0.45	-	1.7	20	107	0
Parathion	5	5.766	-	-15.3	20	122	0
3,3'-Dimethylbenzidine	5	4.306	-	13.9	20	101	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Calibration Date	: 03/13/25 20:06
Lab File ID	: ABN0313N	Init. Calib. Date(s)	: 03/11/25 03/12/25
Sample No	: WG2040337-3	Init. Calib. Times	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
n-Nitrosodimethylamine	0.718	0.71	-	1.1	20	109	0
Pyridine	1.251	0.894	-	28.5*	20	83	0
2-Fluorophenol	1.128	1.033	-	8.4	20	100	0
Aniline	1.738	1.768	-	-1.7	20	105	0
2-Chlorophenol	1.218	1.182	-	3	20	106	0
Phenol-d6	1.323	1.261	-	4.7	20	104	0
Phenol	1.459	1.427	-	2.2	20	108	0
Bis(2-chloroethyl)ether	1.159	1.151	-	0.7	20	109	0
1,3-Dichlorobenzene	1.54	1.482	-	3.8	20	109	0
1,4-Dichlorobenzene	1.574	1.514	-	3.8	20	106	0
1,2-Dichlorobenzene	1.49	1.431	-	4	20	108	0
Benzyl alcohol	0.91	0.888	-	2.4	20	105	0
Bis(2-chloroisopropyl)ethe	2.704	3.038	-	-12.4	20	125	0
2-Methylphenol	1.283	1.23	-	4.1	20	108	0
Hexachloroethane	0.546	0.532	-	2.6	20	106	0
n-Nitrosodi-n-propylamine	0.855	0.834	-	2.5	20	106	0
3-Methylphenol/4-Methylphe	1.11	1.109	-	0.1	20	107	0
Nitrobenzene-d5	1.096	1.097	-	-0.1	20	107	0
Nitrobenzene	1.118	1.164	-	-4.1	20	110	0
Isophorone	2.296	2.233	-	2.7	20	105	0
2-Nitrophenol	0.509	0.506	-	0.6	20	106	0
2,4-Dimethylphenol	1.198	1.173	-	2.1	20	103	0
Bis(2-chloroethoxy)methane	1.639	1.494	-	8.8	20	109	0
2,4-Dichlorophenol	1.137	1.109	-	2.5	20	103	0
1,2,4-Trichlorobenzene	1.457	1.355	-	7	20	105	0
IS1_Naphthalene-d8	1	1	-	0	20	110	0
Naphthalene	1.066	1.02	-	4.3	20	110	0
Benzoic Acid	5	3.646	-	27.1*	20	105	0
4-Chloroaniline	0.132	0.129	-	2.3	20	107	0
Hexachlorobutadiene	0.244	0.224	-	8.2	20	103	0
p-Chloro-m-cresol	0.325	0.305	-	6.2	20	108	0
2-Methylnaphthalene	0.638	0.631	-	1.1	20	111	0
1-Methylnaphthalene	0.245	0.227	-	7.3	20	107	0
Hexachlorocyclopentadiene	0.3	0.261	-	13	20	96	0
2,4,6-Trichlorophenol	0.251	0.237	-	5.6	20	103	0
2,4,5-Trichlorophenol	0.255	0.242	-	5.1	20	101	0
2-Fluorobiphenyl	0.923	0.854	-	7.5	20	105	0
2-Chloronaphthalene	0.756	0.713	-	5.7	20	107	0
2-Nitroaniline	0.166	0.168	-	-1.2	20	106	0
1,4-Dinitrobenzene	5	4.237	-	15.3	20	90	0
1,3-Dinitrobenzene	0.104	0.098	-	5.8	20	108	0
Dimethyl phthalate	0.908	0.863	-	5	20	105	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 20:06		
Lab File ID	: ABN0313N	**Init. Calib. Date(s)**	: 03/11/25	03/12/25	
Sample No	: WG2040337-3	**Init. Calib. Times**	: 16:50	06:06	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.201	1.138	-	5.2	20	106	0
2,6-Dinitrotoluene	0.151	0.171	-	-13.2	20	106	0
1,2-Dinitrobenzene	0.063	0.068	-	-7.9	20	107	0
IS1_Acenaphthene-d10	1	1	-	0	20	104	0
3-Nitroaniline	0.252	0.276	-	-9.5	20	108	0
Acenaphthene	1.101	1.036	-	5.9	20	105	0
2,4-Dinitrophenol	5	4.966	-	0.7	20	115	0
Dibenzofuran	1.914	1.752	-	8.5	20	108	0
2,4-Dinitrotoluene	5	4.745	-	5.1	20	103	0
4-Nitrophenol	0.192	0.203	-	-5.7	20	107	0
2,3,5,6-Tetrachlorophenol	0.365	0.477	-	-30.7*	20	140	0
2,3,4,6-Tetrachlorophenol	0.344	0.327	-	4.9	20	97	0
Diethyl phthalate	1.359	1.306	-	3.9	20	101	0
Fluorene	1.41	1.35	-	4.3	20	104	0
4-Chlorophenyl phenyl ethe	0.738	0.685	-	7.2	20	103	0
4-Nitroaniline	0.246	0.269	-	-9.3	20	107	0
4,6-Dinitro-o-cresol	5	4.234	-	15.3	20	103	0
NDPA/DPA	1.176	1.15	-	2.2	20	105	0
Azobenzene	1.121	1.187	-	-5.9	20	111	0
2,4,6-Tribromophenol	0.206	0.19	-	7.8	20	92	0
4-Bromophenyl phenyl ether	0.463	0.42	-	9.3	20	99	0
Hexachlorobenzene	0.543	0.495	-	8.8	20	103	0
Pentachlorophenol	0.282	0.26	-	7.8	20	97	0
IS1_Phenanthrene-d10	1	1	-	0	20	100	0
Phenanthrene	1.135	1.109	-	2.3	20	104	0
Anthracene	1.107	1.121	-	-1.3	20	104	0
Carbazole	0.989	1.015	-	-2.6	20	102	0
Di-n-butylphthalate	1.116	1.269	-	-13.7	20	114	0
Fluoranthene	1.298	1.312	-	-1.1	20	105	0
Benzidine	0.704	0.739	-	-5	20	100	0
Pyrene	1.359	1.38	-	-1.5	20	104	0
4-Terphenyl-d14	1.038	0.997	-	3.9	20	100	0
Butyl benzyl phthalate	5	4.169	-	16.6	20	95	0
IS1_Chrysene-d12	1	1	-	0	20	100	0
Benzo(a)anthracene	1.278	1.28	-	-0.2	20	105	0
3,3'-Dichlorobenzidine	0.429	0.442	-	-3	20	97	0
Chrysene	1.267	1.227	-	3.2	20	103	0
Bis(2-ethylhexyl)phthalate	5	4.433	-	11.3	20	98	0
Di-n-octylphthalate	5	4.064	-	18.7	20	94	0
Benzo(b)fluoranthene	1.314	1.271	-	3.3	20	95	0
Benzo(k)fluoranthene	1.222	1.168	-	4.4	20	98	0
Benzo(a)pyrene	1.157	1.111	-	4	20	94	0
IS1_Perylene-d12	1	1	-	0	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504		
Instrument ID	: SV106	Calibration Date	: 03/13/25 20:06		
Lab File ID	: ABN0313N	Init. Calib. Date(s)	: 03/11/25	03/12/25	
Sample No	: WG2040337-3	Init. Calib. Times	: 16:50	06:06	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.068	1.136	-	-6.4	20	95	0
Dibenzo(a,h)anthracene	1.063	1.082	-	-1.8	20	94	0
Benzo(ghi)perylene	1.047	1.079	-	-3.1	20	97	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504	
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 20:29	
Lab File ID	: AP90313N	**Init. Calib. Date(s)**	: 03/11/25	03/12/25
Sample No	: WG2040337-4	**Init. Calib. Times**	: 16:50	06:06
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	113	0
Benzaldehyde	0.954	0.82	-	14	20	98	0
Acetophenone	1.646	1.605	-	2.5	20	109	0
m-Toluidine	1.514	1.411	-	6.8	20	102	0
2-Chloroaniline	1.481	1.498	-	-1.1	20	115	0
IS2_Naphthalene-d8	1	1	-	0	20	109	0
a-Terpineol	0.275	0.303	-	-10.2	20	121	0
3-Chloroaniline	0.139	0.144	-	-3.6	20	112	0
2,6-Dichlorophenol	0.27	0.28	-	-3.7	20	116	0
1-chloro-2-nitrobenzene	0.108	0.124	-	-14.8	20	129	0
Caprolactam	0.165	0.162	-	1.8	20	119	0
1,2,4,5-Tetrachlorobenzene	0.401	0.398	-	0.7	20	114	0
Biphenyl	0.885	0.888	-	-0.3	20	115	0
IS2_Acenaphthene-d10	1	1	-	0	20	112	0
Dichloran	5	5.584	-	-11.7	20	135	0
Pentachloronitrobenzene	0.144	0.152	-	-5.6	20	129	0
IS2_Phenanthrene-d10	1	1	-	0	20	111	0
Diphenamid	0.413	0.434	-	-5.1	20	113	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504	
Instrument ID	: SV106	Calibration Date	: 03/13/25 20:53	
Lab File ID	: ADP0313N	Init. Calib. Date(s)	: 03/11/25	03/12/25
Sample No	: WG2040337-5	Init. Calib. Times	: 16:50	06:06
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	108	0
1,4-Dioxane	0.548	0.468	-	14.6	20	108	0
n-Decane	1.7	1.589	-	6.5	20	109	0
IS3_Acenaphthene-d10	1	1	-	0	20	106	0
Atrazine	0.366	0.303	-	17.2	20	96	0
IS3_Phenanthrene-d10	1	1	-	0	20	106	0
n-Octadecane	0.458	0.444	-	3.1	20	107	0
Parathion	5	5.536	-	-10.7	20	118	0
3,3'-Dimethylbenzidine	5	4.314	-	13.7	20	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: DAKOTA	Calibration Date	: 03/14/25 08:50
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 11/05/24 11/06/24
Sample No	: WG2040571-3	Init. Calib. Times	: 16:59 04:17
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	75	0
n-Nitrosodimethylamine	0.63	0.613	-	2.7	20	74	0
Pyridine	0.954	0.791	-	17.1	20	58	0
2-Fluorophenol	1.028	0.991	-	3.6	20	74	0
Aniline	1.567	1.621	-	-3.4	20	79	0
2-Chlorophenol	1.225	1.221	-	0.3	20	76	0
Phenol-d6	1.317	1.293	-	1.8	20	76	0
Phenol	1.421	1.406	-	1.1	20	76	0
Bis(2-chloroethyl)ether	1.017	0.985	-	3.1	20	75	0
1,3-Dichlorobenzene	1.577	1.449	-	8.1	20	72	0
1,4-Dichlorobenzene	1.61	1.454	-	9.7	20	71	0
1,2-Dichlorobenzene	1.534	1.425	-	7.1	20	73	0
Benzyl alcohol	0.93	0.96	-	-3.2	20	79	0
Bis(2-chloroisopropyl)ethe	1.794	1.862	-	-3.8	20	82	0
2-Methylphenol	1.079	1.065	-	1.3	20	79	0
Hexachloroethane	0.589	0.53	-	10	20	73	0
n-Nitrosodi-n-propylamine	0.863	0.832	-	3.6	20	77	0
3-Methylphenol/4-Methylphe	1.182	1.155	-	2.3	20	78	0
Nitrobenzene-d5	1.195	1.278	-	-6.9	20	81	0
Nitrobenzene	1.222	1.311	-	-7.3	20	82	0
Isophorone	2.247	2.266	-	-0.8	20	78	0
2-Nitrophenol	0.619	0.692	-	-11.8	20	87	0
2,4-Dimethylphenol	1.101	1.266	-	-15	20	89	0
Bis(2-chloroethoxy)methane	1.4	1.393	-	0.5	20	77	0
2,4-Dichlorophenol	1.285	1.307	-	-1.7	20	79	0
1,2,4-Trichlorobenzene	1.555	1.459	-	6.2	20	74	0
IS1_Naphthalene-d8	1	1	-	0	20	79	0
Naphthalene	1.1	0.999	-	9.2	20	77	0
Benzoic Acid	0.228	0.185	-	18.9	20	71	0
4-Chloroaniline	0.121	0.121	-	0	20	81	0
Hexachlorobutadiene	0.258	0.238	-	7.8	20	75	0
p-Chloro-m-cresol	0.29	0.284	-	2.1	20	80	0
2-Methylnaphthalene	0.761	0.665	-	12.6	20	75	0
1-Methylnaphthalene	0.242	0.247	-	-2.1	20	84	0
Hexachlorocyclopentadiene	0.272	0.278	-	-2.2	20	81	0
2,4,6-Trichlorophenol	0.287	0.278	-	3.1	20	79	0
2,4,5-Trichlorophenol	0.32	0.303	-	5.3	20	79	0
2-Fluorobiphenyl	0.99	0.898	-	9.3	20	78	0
2-Chloronaphthalene	0.852	0.782	-	8.2	20	77	0
2-Nitroaniline	0.218	0.219	-	-0.5	20	80	0
1,4-Dinitrobenzene	0.095	0.104	-	-9.5	20	87	0
1,3-Dinitrobenzene	0.113	0.119	-	-5.3	20	82	0
Dimethyl phthalate	0.991	0.915	-	7.7	20	78	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: DAKOTA	**Calibration Date**	: 03/14/25 08:50
Lab File ID	: ABN0314	**Init. Calib. Date(s)**	: 11/05/24 11/06/24
Sample No	: WG2040571-3	**Init. Calib. Times**	: 16:59 04:17
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.252	1.269	-	-1.4	20	85	0
2,6-Dinitrotoluene	0.185	0.186	-	-0.5	20	79	0
1,2-Dinitrobenzene	0.066	0.073	-	-10.6	20	82	0
IS1_Acenaphthene-d10	1	1	-	0	20	84	0
3-Nitroaniline	0.309	0.306	-	1	20	83	0
Acenaphthene	1.163	1.006	-	13.5	20	79	0
2,4-Dinitrophenol	5	2.88	-	42.4*	20	48	0
Dibenzofuran	2.006	1.725	-	14	20	79	0
2,4-Dinitrotoluene	0.387	0.402	-	-3.9	20	84	0
4-Nitrophenol	0.23	0.278	-	-20.9*	20	100	0
2,3,5,6-Tetrachlorophenol	0.436	0.377	-	13.5	20	74	0
2,3,4,6-Tetrachlorophenol	0.428	0.385	-	10	20	78	0
Diethyl phthalate	1.575	1.361	-	13.6	20	80	0
Fluorene	1.536	1.37	-	10.8	20	81	0
4-Chlorophenyl phenyl ethe	0.792	0.687	-	13.3	20	80	0
4-Nitroaniline	0.299	0.317	-	-6	20	85	0
4,6-Dinitro-o-cresol	0.234	0.213	-	9	20	74	0
NDPA/DPA	1.337	1.196	-	10.5	20	82	0
Azobenzene	1.281	1.252	-	2.3	20	86	0
2,4,6-Tribromophenol	0.286	0.24	-	16.1	20	74	0
4-Bromophenyl phenyl ether	0.522	0.432	-	17.2	20	76	0
Hexachlorobenzene	0.656	0.538	-	18	20	77	0
Pentachlorophenol	0.356	0.279	-	21.6*	20	66	0
IS1_Phenanthrene-d10	1	1	-	0	20	86	0
Phenanthrene	1.183	1.021	-	13.7	20	81	0
Anthracene	1.16	1.048	-	9.7	20	83	0
Carbazole	1.064	1.002	-	5.8	20	84	0
Di-n-butylphthalate	1.207	1.114	-	7.7	20	81	0
Fluoranthene	1.422	1.312	-	7.7	20	85	0
Benzidine	0.772	0.844	-	-9.3	20	90	0
Pyrene	1.52	1.42	-	6.6	20	85	0
4-Terphenyl-d14	1.157	1.06	-	8.4	20	85	0
Butyl benzyl phthalate	0.517	0.539	-	-4.3	20	89	0
IS1_Chrysene-d12	1	1	-	0	20	92	0
Benzo(a)anthracene	1.355	1.209	-	10.8	20	88	0
3,3'-Dichlorobenzidine	0.505	0.479	-	5.1	20	87	0
Chrysene	1.349	1.183	-	12.3	20	88	0
Bis(2-ethylhexyl)phthalate	0.726	0.696	-	4.1	20	87	0
Di-n-octylphthalate	1.212	1.21	-	0.2	20	91	0
Benzo(b)fluoranthene	1.42	1.321	-	7	20	92	0
Benzo(k)fluoranthene	1.383	1.281	-	7.4	20	87	0
Benzo(a)pyrene	1.267	1.24	-	2.1	20	92	0
IS1_Perylene-d12	1	1	-	0	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**	
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**	
Instrument ID	**: DAKOTA**	**Calibration Date**	**: 03/14/25 08:50**	
Lab File ID	**: ABN0314**	**Init. Calib. Date(s)**	**: 11/05/24**	**11/06/24**
Sample No	**: WG2040571-3**	**Init. Calib. Times**	**: 16:59**	**04:17**
Channel	**:**			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.234	1.147	-	7.1	20	91	0
Dibenzo(a,h)anthracene	1.213	1.177	-	3	20	93	0
Benzo(ghi)perylene	1.192	1.166	-	2.2	20	97	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: DAKOTA	**Calibration Date**	: 03/14/25 09:13
Lab File ID	: AP90314	**Init. Calib. Date(s)**	: 11/05/24 11/06/24
Sample No	: WG2040571-4	**Init. Calib. Times**	: 16:59 04:17
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	76	0
Benzaldehyde	0.703	0.773	-	-10	20	77	0
Acetophenone	1.403	1.652	-	-17.7	20	85	0
m-Toluidine	1.287	1.448	-	-12.5	20	83	0
2-Chloroaniline	1.368	1.573	-	-15	20	83	0
IS2_Naphthalene-d8	1	1	-	0	20	82	0
a-Terpineol	0.221	0.264	-	-19.5	20	92	0
3-Chloroaniline	0.115	0.135	-	-17.4	20	89	0
2,6-Dichlorophenol	0.296	0.355	-	-19.9	20	92	0
1-chloro-2-nitrobenzene	0.113	0.136	-	-20.4*	20	89	0
Caprolactam	0.123	0.149	-	-21.1*	20	96	0
1,2,4,5-Tetrachlorobenzene	0.413	0.427	-	-3.4	20	80	0
Biphenyl	0.842	0.927	-	-10.1	20	85	0
IS2_Acenaphthene-d10	1	1	-	0	20	84	0
Dichloran	0.169	0.183	-	-8.3	20	93	0
Pentachloronitrobenzene	0.187	0.206	-	-10.2	20	96	0
IS2_Phenanthrene-d10	1	1	-	0	20	87	0
Diphenamid	0.416	0.471	-	-13.2	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504	
Instrument ID	: DAKOTA	**Calibration Date**	: 03/14/25 09:35	
Lab File ID	: ADP0314	**Init. Calib. Date(s)**	: 11/05/24	11/06/24
Sample No	: WG2040571-5	**Init. Calib. Times**	: 16:59	04:17
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	78	0
1,4-Dioxane	0.381	0.391	-	-2.6	20	76	0
n-Decane	1.048	1.143	-	-9.1	20	82	0
IS3_Acenaphthene-d10	1	1	-	0	20	90	0
Atrazine	0.343	0.359	-	-4.7	20	94	0
IS3_Phenanthrene-d10	1	1	-	0	20	92	0
n-Octadecane	0.334	0.363	-	-8.7	20	101	0
Parathion	5	4.955	-	0.9	20	103	0
3,3'-Dimethylbenzidine	5	5.123	-	-2.5	20	108	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:12
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 03/13/25 03/14/25
Sample No	: WG2040646-3	Init. Calib. Times	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0
n-Nitrosodimethylamine	0.695	0.709	-	-2	20	99	0
Pyridine	1.215	0.821	-	32.4*	20	68	0
2-Fluorophenol	1.083	0.988	-	8.8	20	91	0
Aniline	1.77	1.822	-	-2.9	20	97	0
2-Chlorophenol	1.247	1.175	-	5.8	20	96	0
Phenol-d6	1.35	1.264	-	6.4	20	94	0
Phenol	1.592	1.552	-	2.5	20	98	0
Bis(2-chloroethyl)ether	1.152	1.144	-	0.7	20	99	0
1,3-Dichlorobenzene	1.473	1.44	-	2.2	20	102	0
1,4-Dichlorobenzene	1.525	1.459	-	4.3	20	99	0
1,2-Dichlorobenzene	1.463	1.403	-	4.1	20	101	0
Benzyl alcohol	0.972	0.986	-	-1.4	20	103	0
Bis(2-chloroisopropyl)ethe	1.674	1.686	-	-0.7	20	104	0
2-Methylphenol	1.055	1.059	-	-0.4	20	100	0
Hexachloroethane	0.561	0.547	-	2.5	20	102	0
n-Nitrosodi-n-propylamine	0.904	0.867	-	4.1	20	97	0
3-Methylphenol/4-Methylphe	1.169	1.146	-	2	20	102	0
Nitrobenzene-d5	1.275	1.235	-	3.1	20	97	0
Nitrobenzene	1.302	1.299	-	0.2	20	100	0
Isophorone	2.405	2.375	-	1.2	20	99	0
2-Nitrophenol	0.593	0.57	-	3.9	20	94	0
2,4-Dimethylphenol	1.237	1.249	-	-1	20	101	0
Bis(2-chloroethoxy)methane	1.616	1.575	-	2.5	20	103	0
2,4-Dichlorophenol	1.135	1.134	-	0.1	20	99	0
1,2,4-Trichlorobenzene	1.44	1.377	-	4.4	20	101	0
IS1_Naphthalene-d8	1	1	-	0	20	102	0
Naphthalene	1.025	0.986	-	3.8	20	102	0
Benzoic Acid	5	2.65	-	47*	20	57	0
4-Chloroaniline	0.128	0.123	-	3.9	20	96	0
Hexachlorobutadiene	0.261	0.247	-	5.4	20	101	0
p-Chloro-m-cresol	0.287	0.282	-	1.7	20	100	0
2-Methylnaphthalene	0.638	0.636	-	0.3	20	106	0
1-Methylnaphthalene	0.244	0.239	-	2	20	103	0
Hexachlorocyclopentadiene	0.315	0.299	-	5.1	20	98	0
2,4,6-Trichlorophenol	0.27	0.258	-	4.4	20	99	0
2,4,5-Trichlorophenol	0.273	0.279	-	-2.2	20	101	0
2-Fluorobiphenyl	0.916	0.868	-	5.2	20	101	0
2-Chloronaphthalene	0.748	0.727	-	2.8	20	102	0
2-Nitroaniline	0.202	0.199	-	1.5	20	98	0
1,4-Dinitrobenzene	0.11	0.101	-	8.2	20	94	0
1,3-Dinitrobenzene	0.123	0.121	-	1.6	20	99	0
Dimethyl phthalate	0.959	0.941	-	1.9	20	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:12
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 03/13/25 03/14/25
Sample No	: WG2040646-3	Init. Calib. Times	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.213	1.204	-	0.7	20	101	0
2,6-Dinitrotoluene	0.176	0.177	-	-0.6	20	95	0
1,2-Dinitrobenzene	0.081	0.079	-	2.5	20	98	0
IS1_Acenaphthene-d10	1	1	-	0	20	102	0
3-Nitroaniline	0.309	0.308	-	0.3	20	100	0
Acenaphthene	1.072	1.036	-	3.4	20	104	0
2,4-Dinitrophenol	5	3.938	-	21.2*	20	92	0
Dibenzofuran	1.844	1.778	-	3.6	20	105	0
2,4-Dinitrotoluene	0.402	0.402	-	0	20	100	0
4-Nitrophenol	0.229	0.243	-	-6.1	20	100	0
2,3,5,6-Tetrachlorophenol	0.392	0.386	-	1.5	20	96	0
2,3,4,6-Tetrachlorophenol	0.4	0.389	-	2.8	20	98	0
Diethyl phthalate	1.497	1.47	-	1.8	20	103	0
Fluorene	1.449	1.381	-	4.7	20	102	0
4-Chlorophenyl phenyl ethe	0.764	0.744	-	2.6	20	107	0
4-Nitroaniline	0.322	0.316	-	1.9	20	97	0
4,6-Dinitro-o-cresol	0.234	0.225	-	3.8	20	95	0
NDPA/DPA	1.191	1.198	-	-0.6	20	104	0
Azobenzene	1.339	1.371	-	-2.4	20	104	0
2,4,6-Tribromophenol	0.241	0.23	-	4.6	20	103	0
4-Bromophenyl phenyl ether	0.498	0.461	-	7.4	20	102	0
Hexachlorobenzene	0.586	0.564	-	3.8	20	108	0
Pentachlorophenol	0.315	0.324	-	-2.9	20	99	0
IS1_Phenanthrene-d10	1	1	-	0	20	102	0
Phenanthrene	1.091	1.047	-	4	20	106	0
Anthracene	1.047	1.063	-	-1.5	20	106	0
Carbazole	0.974	0.978	-	-0.4	20	104	0
Di-n-butylphthalate	1.09	1.098	-	-0.7	20	101	0
Fluoranthene	1.279	1.308	-	-2.3	20	106	0
Benzidine	0.692	0.793	-	-14.6	20	110	0
Pyrene	1.335	1.407	-	-5.4	20	107	0
4-Terphenyl-d14	1.046	1.047	-	-0.1	20	104	0
Butyl benzyl phthalate	0.474	0.476	-	-0.4	20	105	0
IS1_Chrysene-d12	1	1	-	0	20	105	0
Benzo(a)anthracene	1.245	1.245	-	0	20	108	0
3,3'-Dichlorobenzidine	0.447	0.443	-	0.9	20	102	0
Chrysene	1.192	1.189	-	0.3	20	109	0
Bis(2-ethylhexyl)phthalate	0.622	0.654	-	-5.1	20	105	0
Di-n-octylphthalate	0.994	1.047	-	-5.3	20	104	0
Benzo(b)fluoranthene	1.202	1.293	-	-7.6	20	105	0
Benzo(k)fluoranthene	1.2	1.143	-	4.7	20	105	0
Benzo(a)pyrene	1.127	1.129	-	-0.2	20	104	0
IS1_Perylene-d12	1	1	-	0	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV112	**Calibration Date**	: 03/14/25 11:12
Lab File ID	: ABN0314	**Init. Calib. Date(s)**	: 03/13/25 03/14/25
Sample No	: WG2040646-3	**Init. Calib. Times**	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.096	1.058	-	3.5	20	107	0
Dibenzo(a,h)anthracene	1.063	1.07	-	-0.7	20	106	0
Benzo(ghi)perylene	1.099	1.095	-	0.4	20	108	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:34
Lab File ID	: AP90314	Init. Calib. Date(s)	: 03/13/25 03/14/25
Sample No	: WG2040646-4	Init. Calib. Times	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
Benzaldehyde	0.954	0.84	-	11.9	20	88	0
Acetophenone	1.731	1.691	-	2.3	20	103	0
m-Toluidine	1.562	1.487	-	4.8	20	94	0
2-Chloroaniline	1.509	1.54	-	-2.1	20	103	0
IS2_Naphthalene-d8	1	1	-	0	20	98	0
a-Terpineol	0.253	0.273	-	-7.9	20	108	0
3-Chloroaniline	0.13	0.142	-	-9.2	20	96	0
2,6-Dichlorophenol	0.285	0.302	-	-6	20	107	0
1-chloro-2-nitrobenzene	0.138	0.137	-	0.7	20	100	0
Caprolactam	5	4.436	-	11.3	20	103	0
1,2,4,5-Tetrachlorobenzene	0.438	0.442	-	-0.9	20	100	0
Biphenyl	0.89	0.934	-	-4.9	20	105	0
IS2_Acenaphthene-d10	1	1	-	0	20	99	0
Dichloran	0.183	0.175	-	4.4	20	103	0
Pentachloronitrobenzene	0.195	0.208	-	-6.7	20	105	0
IS2_Phenanthrene-d10	1	1	-	0	20	97	0
Diphenamid	0.446	0.475	-	-6.5	20	106	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:57
Lab File ID	: ADP0314	Init. Calib. Date(s)	: 03/13/25 03/14/25
Sample No	: WG2040646-5	Init. Calib. Times	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
1,4-Dioxane	0.481	0.469	-	2.5	20	107	0
n-Decane	1.328	1.241	-	6.6	20	100	0
IS3_Acenaphthene-d10	1	1	-	0	20	101	0
Atrazine	0.47	0.4	-	14.9	20	94	0
IS3_Phenanthrene-d10	1	1	-	0	20	104	0
n-Octadecane	0.389	0.361	-	7.2	20	105	0
Parathion	5	4.815	-	3.7	20	98	0
3,3'-Dimethylbenzidine	5	4.271	-	14.6	20	101	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250313RVTn\
Data File : ABN0313n.D
Acq On : 13 Mar 2025 8:06 pm
Operator : SV106:slr
Sample : WG2040337-3,32,,ABN 11297 mrg0313A
Misc : WG2040337,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 20:27:22 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	107	0.00
2	t	n-Nitrosodimethylamine		0.718	0.710	1.1	109	0.00
3	t	Pyridine		1.251	0.894	28.5#	83	0.00
4	S	2-Fluorophenol		1.128	1.033	8.4	100	0.00
5	T	Aniline		1.738	1.768	-1.7	105	0.00
6	t	2-Chlorophenol		1.218	1.182	3.0	106	0.00
7	S	Phenol-d6		1.323	1.261	4.7	104	0.00
8	T	Phenol		1.459	1.427	2.2	108	0.00
9	T	Bis(2-chloroethyl)ether		1.159	1.151	0.7	109	0.00
10	T	1,3-Dichlorobenzene		1.540	1.482	3.8	109	0.00
11	T	1,4-Dichlorobenzene		1.574	1.514	3.8	106	0.00
12	T	1,2-Dichlorobenzene		1.490	1.431	4.0	108	0.00
13	t	Benzyl alcohol		0.910	0.888	2.4	105	0.00
14	T	Bis(2-chloroisopropyl)ether		2.704	3.038	-12.4	125	0.00
15	T	2-Methylphenol		1.283	1.230	4.1	108	0.00
16	T	Hexachloroethane		0.546	0.532	2.6	106	0.00
17	T	n-Nitrosodi-n-propylamine		0.855	0.834	2.5	106	0.00
18	T	3-Methylphenol/4-Methylphen		1.110	1.109	0.1	107	0.00
19	S	Nitrobenzene-d5		1.096	1.097	-0.1	107	0.00
20	T	Nitrobenzene		1.118	1.164	-4.1	110	0.00
21	T	Isophorone		2.296	2.233	2.7	105	0.00
22	T	2-Nitrophenol		0.509	0.506	0.6	106	0.00
23	T	2,4-Dimethylphenol		1.198	1.173	2.1	103	0.00
24	T	Bis(2-chloroethoxy)methane		1.639	1.494	8.8	109	0.00
25	T	2,4-Dichlorophenol		1.137	1.109	2.5	103	0.00
26	T	1,2,4-Trichlorobenzene		1.457	1.355	7.0	105	0.00
35	I	IS1_Naphthalene-d8		1.000	1.000	0.0	110	0.00
36	T	Naphthalene		1.066	1.020	4.3	110	0.00
37	T	Benzoic Acid	*	5.000	3.646	27.1#	105	0.00
38	T	4-Chloroaniline		0.132	0.129	2.3	107	0.00
39	T	Hexachlorobutadiene		0.244	0.224	8.2	103	0.00
40	T	p-Chloro-m-cresol		0.325	0.305	6.2	108	0.00
41	T	2-Methylnaphthalene		0.638	0.631	1.1	111	0.00
42	T	1-Methylnaphthalene		0.245	0.227	7.3	107	0.00
43	T	Hexachlorocyclopentadiene		0.300	0.261	13.0	96	0.00
44	T	2,4,6-Trichlorophenol		0.251	0.237	5.6	103	0.00
45	T	2,4,5-Trichlorophenol		0.255	0.242	5.1	101	0.00
46	S	2-Fluorobiphenyl		0.923	0.854	7.5	105	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250313RVTn\
Data File : ABN0313n.D
Acq On : 13 Mar 2025 8:06 pm
Operator : SV106:slr
Sample : WG2040337-3,32,,ABN 11297 mrg0313A
Misc : WG2040337,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 20:27:22 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.756	0.713	5.7	107	0.00
48	T	2-Nitroaniline		0.166	0.168	-1.2	106	0.00
49	T	1,4-Dinitrobenzene	*	5.000	4.237	15.3	90	0.00
50	T	1,3-Dinitrobenzene		0.104	0.098	5.8	108	0.00
51	T	Dimethyl phthalate		0.908	0.863	5.0	105	0.00
52	T	Acenaphthylene		1.201	1.138	5.2	106	0.00
53	T	2,6-Dinitrotoluene		0.151	0.171	-13.2	106	0.00
54	T	1,2-Dinitrobenzene		0.063	0.068	-7.9	107	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	104	0.00
64	T	3-Nitroaniline		0.252	0.276	-9.5	108	0.00
65	T	Acenaphthene		1.101	1.036	5.9	105	0.00
66	T	2,4-Dinitrophenol	*	5.000	4.966	0.7	115	0.00
67	T	Dibenzofuran		1.914	1.752	8.5	108	0.00
68	T	2,4-Dinitrotoluene	*	5.000	4.745	5.1	103	0.00
69	T	4-Nitrophenol		0.192	0.203	-5.7	107	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.365	0.477	-30.7#	140	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.344	0.327	4.9	97	0.00
72	T	Diethyl phthalate		1.359	1.306	3.9	101	0.00
73	T	Fluorene		1.410	1.350	4.3	104	0.00
74	T	4-Chlorophenyl phenyl ether		0.738	0.685	7.2	103	0.00
75	T	4-Nitroaniline		0.246	0.269	-9.3	107	0.00
76	T	4,6-Dinitro-o-cresol	*	5.000	4.234	15.3	103	0.00
77	T	NDPA/DPA		1.176	1.150	2.2	105	0.00
78	T	Azobenzene		1.121	1.187	-5.9	111	0.00
79	S	2,4,6-Tribromophenol		0.206	0.190	7.8	92	0.00
80	T	4-Bromophenyl phenyl ether		0.463	0.420	9.3	99	0.00
81	T	Hexachlorobenzene		0.543	0.495	8.8	103	0.00
82	T	Pentachlorophenol		0.282	0.260	7.8	97	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	100	0.00
89	T	Phenanthrene		1.135	1.109	2.3	104	0.00
90	T	Anthracene		1.107	1.121	-1.3	104	0.00
91	T	Carbazole		0.989	1.015	-2.6	102	0.00
92	T	Di-n-butylphthalate		1.116	1.269	-13.7	114	0.00
93	T	Fluoranthene		1.298	1.312	-1.1	105	0.00
94	T	Benzidine		0.704	0.739	-5.0	100	0.00
95	T	Pyrene		1.359	1.380	-1.5	104	0.00
96	S	4-Terphenyl-d14		1.038	0.997	3.9	100	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250313RVTn\
Data File : ABN0313n.D
Acq On : 13 Mar 2025 8:06 pm
Operator : SV106:slr
Sample : WG2040337-3,32,,ABN 11297 mrg0313A
Misc : WG2040337,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 20:27:22 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	*	5.000	4.169	16.6	95	0.00
104	I	IS1_Chrysene-d12		1.000	1.000	0.0	100	0.00
105	T	Benzo(a)anthracene		1.278	1.280	-0.2	105	0.00
106	T	3,3'-Dichlorobenzidine		0.429	0.442	-3.0	97	0.00
107	T	Chrysene		1.267	1.227	3.2	103	0.00
108	T	Bis(2-ethylhexyl)phthalate	*	5.000	4.433	11.3	98	0.00
109	T	Di-n-octylphthalate	*	5.000	4.064	18.7	94	0.00
110	T	Benzo(b)fluoranthene		1.314	1.271	3.3	95	0.00
111	T	Benzo(k)fluoranthene		1.222	1.168	4.4	98	0.00
112	T	Benzo(a)pyrene		1.157	1.111	4.0	94	0.00
113	I	IS1_Perylene-d12		1.000	1.000	0.0	95	0.00
114	T	Indeno(1,2,3-cd)pyrene		1.068	1.136	-6.4	95	0.00
115	T	Dibenzo(a,h)anthracene		1.063	1.082	-1.8	94	0.00
116	T	Benzo(ghi)perylene		1.047	1.079	-3.1	97	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVTn\
Data File : ABN0313n.D
Acq On : 13 Mar 2025 8:06 pm
Operator : SV106:slr
Sample : WG2040337-3,32,,ABN 11297 mrg0313A
Misc : WG2040337,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 20:27:22 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	6.351	152	59958	4.000	ug/ml	0.00
35) IS1_Naphthalene-d8	7.790	136	224636	4.000	ug/ml	# 0.00
63) IS1_Acenaphthene-d10	9.550	164	137525	4.000	ug/ml	0.00
88) IS1_Phenanthrene-d10	10.988	188	261397	4.000	ug/ml	# 0.00
104) IS1_Chrysene-d12	13.617	240	280722	4.000	ug/ml	0.00
113) IS1_Perylene-d12	15.071	264	286304	4.000	ug/ml	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.384	112	77397	4.576	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 228.80%#			
7) Phenol-d6	5.985	99	94504	4.766	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 238.30%#			
19) Nitrobenzene-d5	7.017	82	82197	5.005	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 500.50%#			
46) 2-Fluorobiphenyl	8.911	172	239694	4.623	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 462.30%#			
79) 2,4,6-Tribromophenol	10.321	330	32627	4.614	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 230.70%#			
96) 4-Terphenyl-d14	12.566	244	325877	4.806	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 480.60%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.026	74	53222	4.944	ug/ml	89
3) Pyridine	2.076	79	66970	3.573	ug/ml	82
5) Aniline	5.943	93	132537	5.087	ug/ml	99
6) 2-Chlorophenol	6.087	128	88587	4.853	ug/ml	96
8) Phenol	6.002	94	106983	4.891	ug/ml	99
9) Bis(2-chloroethyl)ether	6.079	93	86294	4.965	ug/ml#	75
10) 1,3-Dichlorobenzene	6.274	146	111094	4.812	ug/ml	97
11) 1,4-Dichlorobenzene	6.376	146	113474	4.808	ug/ml	98
12) 1,2-Dichlorobenzene	6.555	146	107269	4.801	ug/ml	97
13) Benzyl alcohol	6.572	79	66557	4.878	ug/ml	97
14) Bis(2-chloroisopropyl)...	6.747	45	227688	5.618	ug/ml#	75
15) 2-Methylphenol	6.739	108	92204	4.796	ug/ml	94
16) Hexachloroethane	6.942	117	39848	4.867	ug/ml#	57
17) n-Nitrosodi-n-propylamine	6.897	70	62510	4.879	ug/ml	93
18) 3-Methylphenol/4-Methy...	6.927	108	83106	4.995	ug/ml	96
20) Nitrobenzene	7.040	77	87231	5.204	ug/ml	99
21) Isophorone	7.318	82	167394	4.865	ug/ml	98
22) 2-Nitrophenol	7.400	139	37897	4.967	ug/ml	93

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVTn\
Data File : ABN0313n.D
Acq On : 13 Mar 2025 8:06 pm
Operator : SV106:slr
Sample : WG2040337-3,32,,ABN 11297 mrg0313A
Misc : WG2040337,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 20:27:22 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
23) 2,4-Dimethylphenol	7.506	107	87924	4.895 ug/ml	95
24) Bis(2-chloroethoxy)met...	7.595	93	111944	4.557 ug/ml	98
25) 2,4-Dichlorophenol	7.660	162	83153	4.879 ug/ml#	95
26) 1,2,4-Trichlorobenzene	7.739	180	101554	4.648 ug/ml	98
36) Naphthalene	7.804	128	286449	4.784 ug/ml	99
37) Benzoic Acid	7.573	105	26838	3.646 ug/ml	94
38) 4-Chloroaniline	7.898	65	36239	4.903 ug/ml	85
39) Hexachlorobutadiene	7.977	225	62833	4.588 ug/ml	99
40) p-Chloro-m-cresol	8.424	107	85628	4.691 ug/ml	97
41) 2-Methylnaphthalene	8.529	142	177242	4.949 ug/ml	96
42) 1-Methylnaphthalene	8.618	115	63774	4.639 ug/ml	97
43) Hexachlorocyclopentadiene	8.708	237	73410	4.359 ug/ml	98
44) 2,4,6-Trichlorophenol	8.828	196	66569	4.719 ug/ml	99
45) 2,4,5-Trichlorophenol	8.851	196	68063	4.756 ug/ml	98
47) 2-Chloronaphthalene	9.008	162	200345	4.716 ug/ml	95
48) 2-Nitroaniline	9.120	138	47145	5.050 ug/ml	89
49) 1,4-Dinitrobenzene	9.266	168	3500M3	4.237 ug/ml	
50) 1,3-Dinitrobenzene	9.329	168	27519	4.700 ug/ml#	1
51) Dimethyl phthalate	9.329	163	242207	4.747 ug/ml#	98
52) Acenaphthylene	9.403	152	319471	4.735 ug/ml	100
53) 2,6-Dinitrotoluene	9.371	165	48043	5.675 ug/ml#	73
54) 1,2-Dinitrobenzene	9.413	168	19146	5.402 ug/ml#	1
64) 3-Nitroaniline	9.519	138	47477	5.474 ug/ml#	92
65) Acenaphthene	9.582	154	178033	4.701 ug/ml	91
66) 2,4-Dinitrophenol	9.624	184	22248	4.966 ug/ml#	80
67) Dibenzofuran	9.751	168	301130	4.577 ug/ml#	77
68) 2,4-Dinitrotoluene	9.761	165	56636	4.745 ug/ml#	78
69) 4-Nitrophenol	9.719	65	34959	5.284 ug/ml#	31
70) 2,3,5,6-Tetrachlorophenol	9.842	232	82048	6.534 ug/ml	97
71) 2,3,4,6-Tetrachlorophenol	9.884	232	56240	4.754 ug/ml	97
72) Diethyl phthalate	10.025	149	224538	4.806 ug/ml	98
73) Fluorene	10.082	166	232131	4.789 ug/ml	95
74) 4-Chlorophenyl phenyl ...	10.110	204	117704	4.641 ug/ml#	88
75) 4-Nitroaniline	10.110	138	46239	5.478 ug/ml	87
76) 4,6-Dinitro-o-cresol	10.152	198	29874	4.234 ug/ml#	67
77) NDPA/DPA	10.223	169	197740	4.892 ug/ml	96
78) Azobenzene	10.258	77	204041	5.293 ug/ml	94
80) 4-Bromophenyl phenyl e...	10.579	248	72134	4.531 ug/ml#	84
81) Hexachlorobenzene	10.624	284	85024	4.555 ug/ml#	82
82) Pentachlorophenol	10.821	266	44712	4.605 ug/ml	99
89) Phenanthrene	11.010	178	362282	4.883 ug/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVTn\
Data File : ABN0313n.D
Acq On : 13 Mar 2025 8:06 pm
Operator : SV106:slr
Sample : WG2040337-3,32,,ABN 11297 mrg0313A
Misc : WG2040337,,ical22075
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 13 20:27:22 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
90) Anthracene	11.056	178	366182	5.060 ug/ml	99
91) Carbazole	11.230	167	331668	5.133 ug/ml	99
92) Di-n-butylphthalate	11.624	149	414590	5.682 ug/ml#	96
93) Fluoranthene	12.163	202	428566	5.054 ug/ml#	92
94) Benzidine	12.322	184	241384	5.250 ug/ml#	95
95) Pyrene	12.379	202	450946	5.078 ug/ml	100
97) Butyl benzyl phthalate	13.101	149	136778	4.169 ug/ml	88
105) Benzo(a)anthracene	13.601	228	449263	5.009 ug/ml	100
106) 3,3'-Dichlorobenzidine	13.609	252	155168	5.154 ug/ml#	97
107) Chrysene	13.641	228	430624	4.843 ug/ml	100
108) Bis(2-ethylhexyl)phtha...	13.736	149	224521	4.433 ug/ml	94
109) Di-n-octylphthalate	14.410	149	342880	4.064 ug/ml#	78
110) Benzo(b)fluoranthene	14.705	252	446099	4.837 ug/ml#	93
111) Benzo(k)fluoranthene	14.736	252	409960	4.779 ug/ml#	93
112) Benzo(a)pyrene	15.016	252	389814	4.802 ug/ml#	93
114) Indeno(1,2,3-cd)pyrene	16.038	276	406407M6	5.317 ug/mL	
115) Dibenzo(a,h)anthracene	16.069	278	387084	5.090 ug/ml#	90
116) Benzo(ghi)perylene	16.283	276	386276	5.153 ug/ml#	87

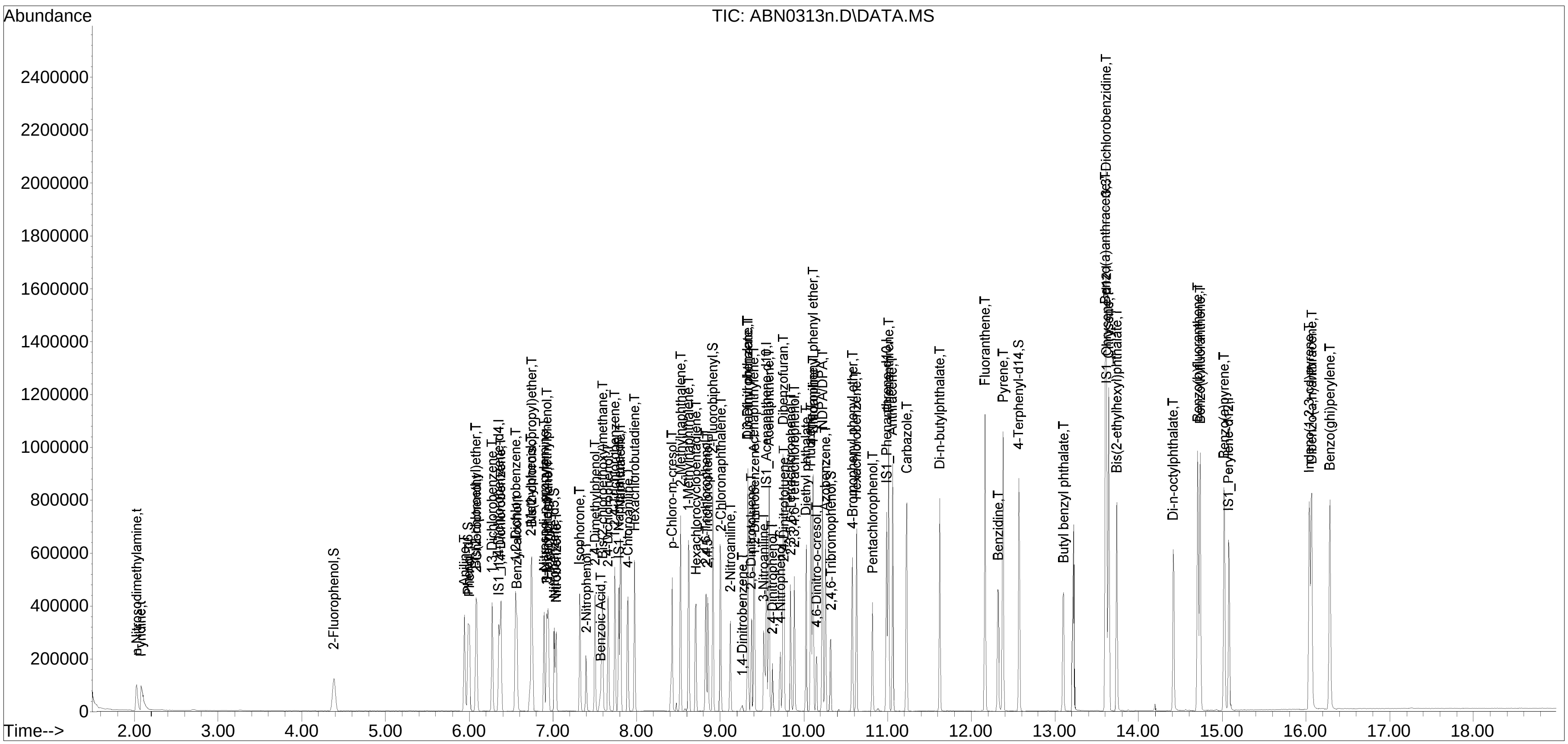
(#) = qualifier out of range (m) = manual integration (+) = signals summed

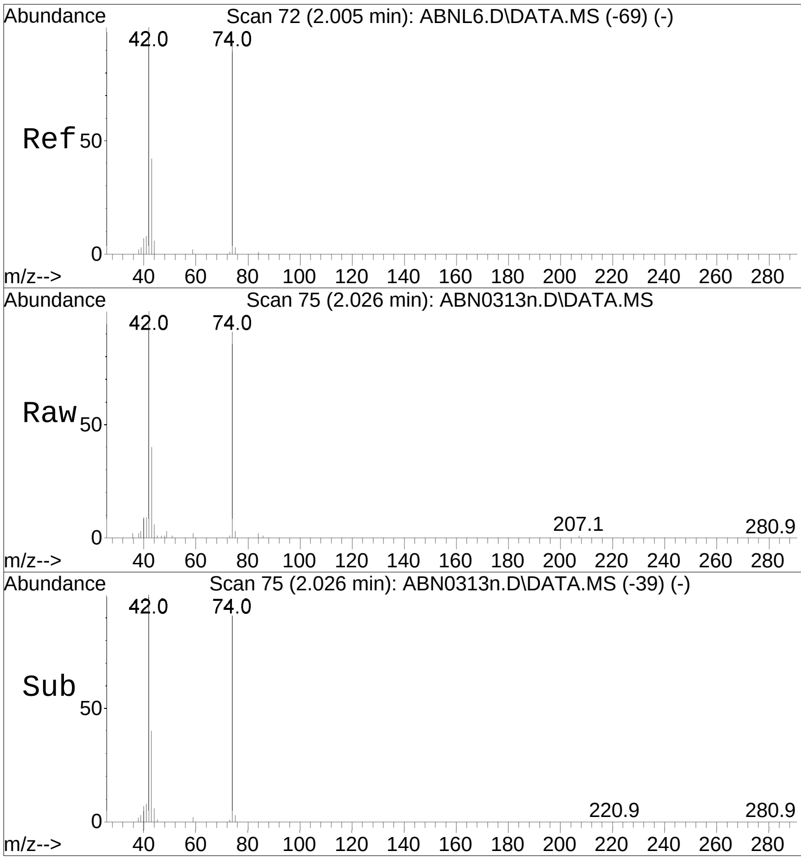
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV106\250313RVTn\
Data File : ABN0313n.D
Acq On   : 13 Mar 2025   8:06 pm
Operator : SV106:slr
Sample   : WG2040337-3,32,,ABN 11297 mrg0313A
Misc   : WG2040337,,ical22075
ALS Vial : 142   Sample Multiplier: 1

Quant Time: Mar 13 20:27:22 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

Sub List   : ABNical - ABN ical sublist

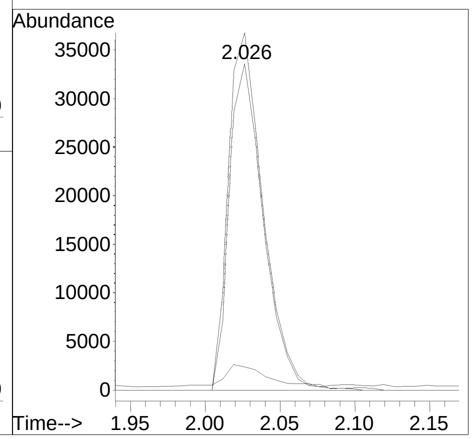


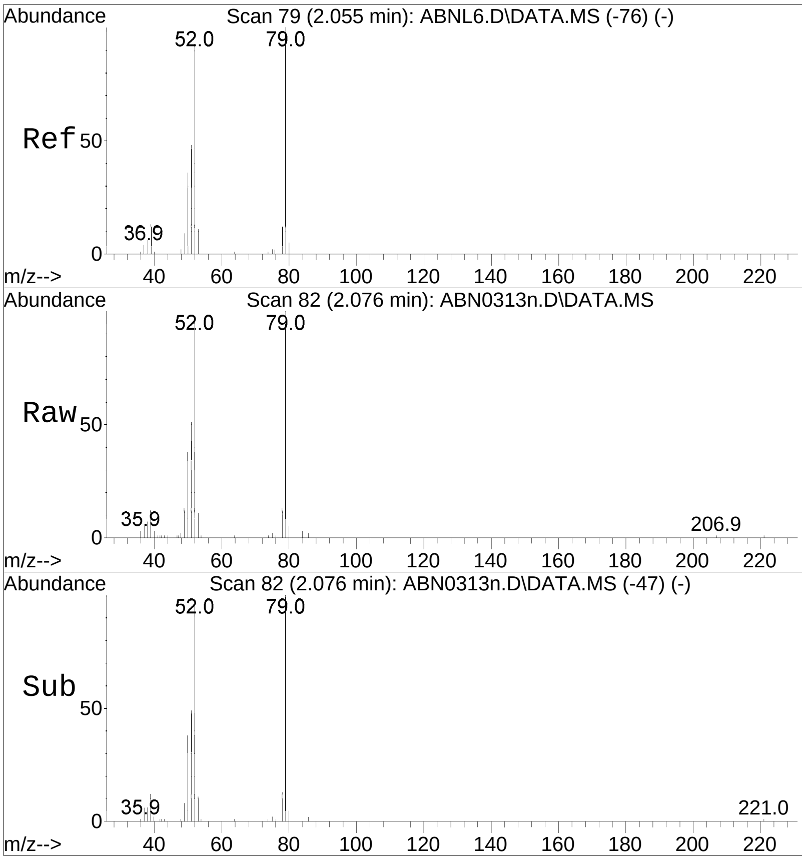


#2
n-Nitrosodimethylamine
Concen: 4.94 ug/ml
RT: 2.026 min Scan# 75
Delta R.T. 0.007 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 74 Resp: 53222

Ion	Ratio	Lower	Upper
74	100		
42	111.4	100.0	150.0
44	8.3	6.7	10.1

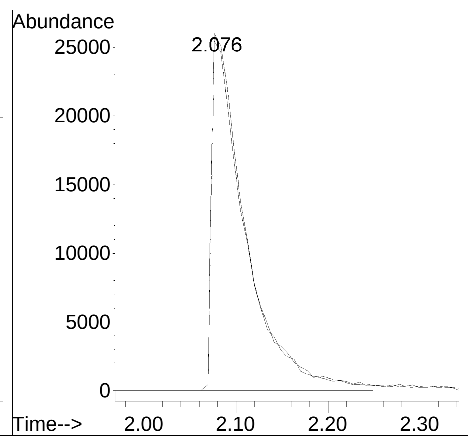


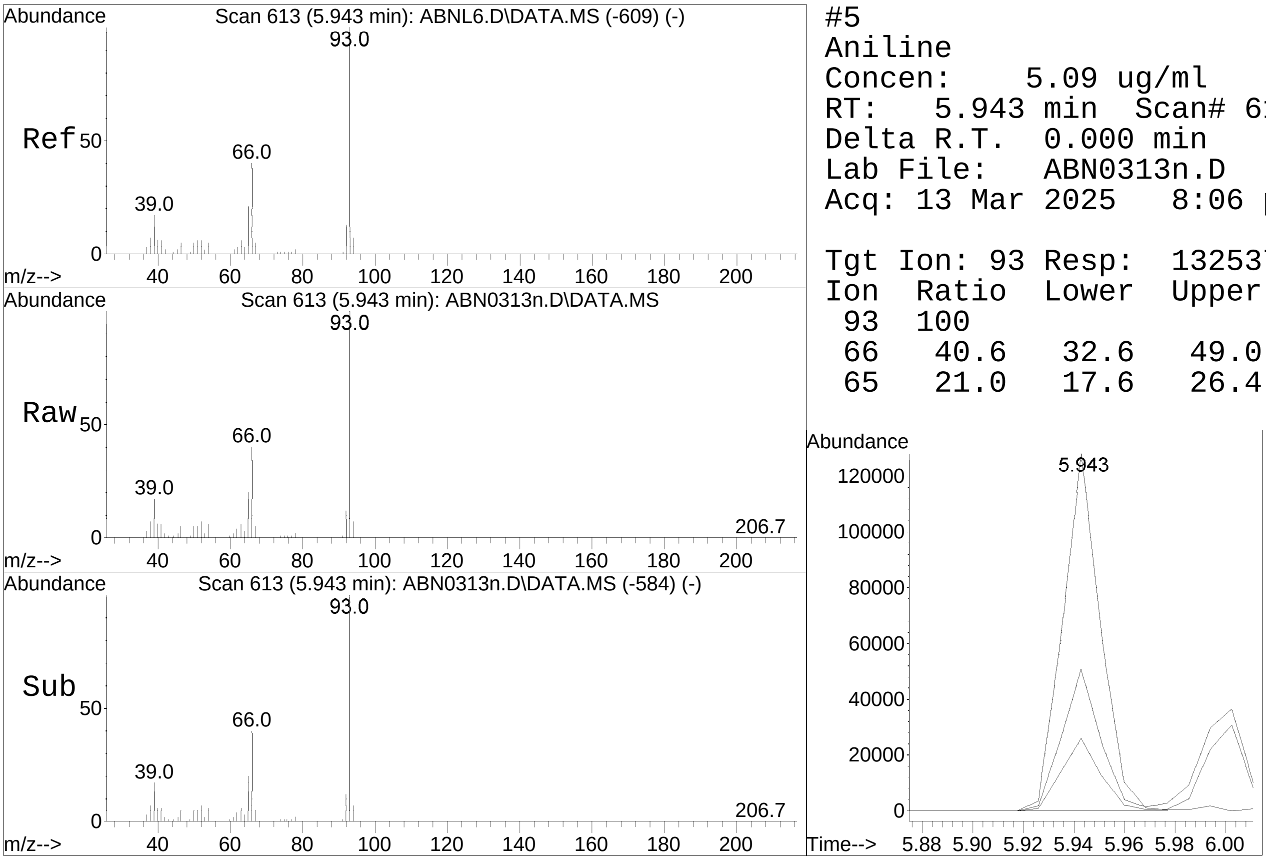


#3
Pyridine
Concen: 3.57 ug/ml
RT: 2.076 min Scan# 82
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 79 Resp: 66970

Ion	Ratio	Lower	Upper
79	100		
52	97.0	93.1	139.7





#5
Aniline
Concen: 5.09 ug/ml
RT: 5.943 min Scan# 613
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

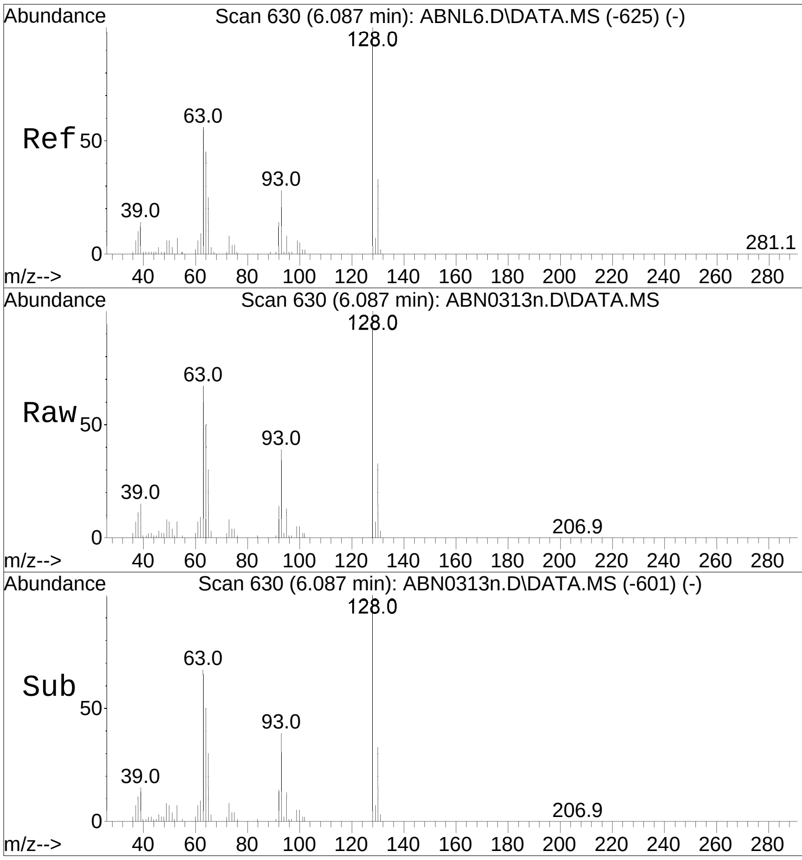
Tgt Ion: 93 Resp: 132537

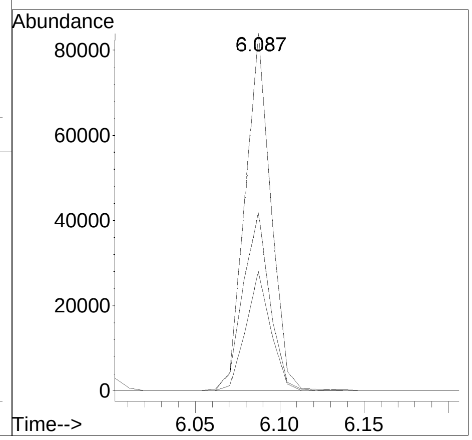
Ion	Ratio	Lower	Upper
93	100		
66	40.6	32.6	49.0
65	21.0	17.6	26.4

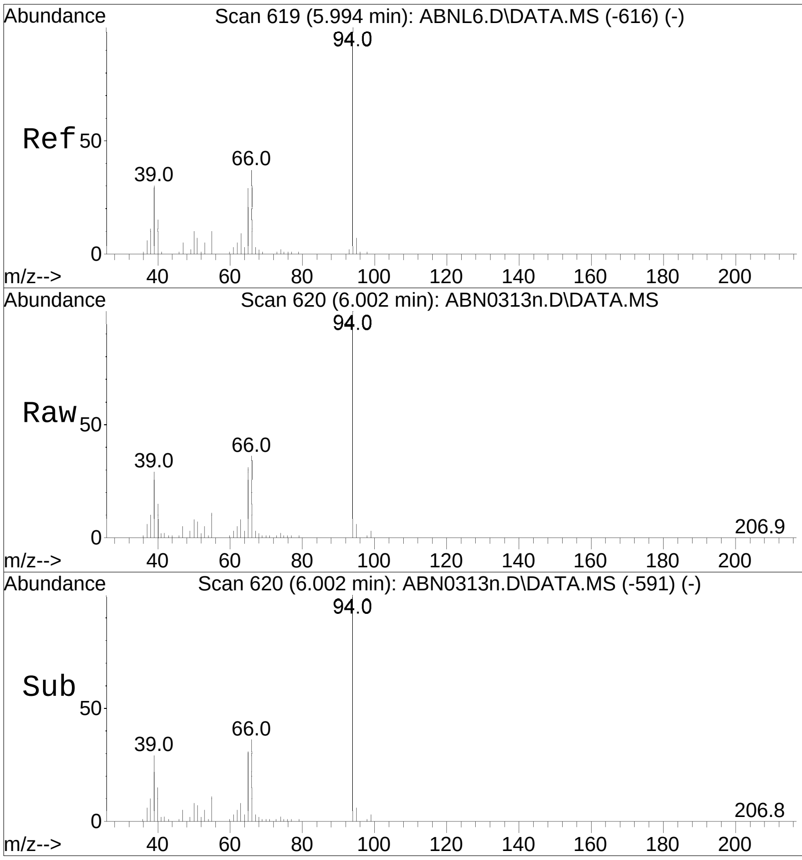
#6
2-Chlorophenol
Concen: 4.85 ug/ml
RT: 6.087 min Scan# 630
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:128 Resp: 88587

Ion	Ratio	Lower	Upper
128	100		
64	52.2	45.1	67.7
130	32.3	26.2	39.4



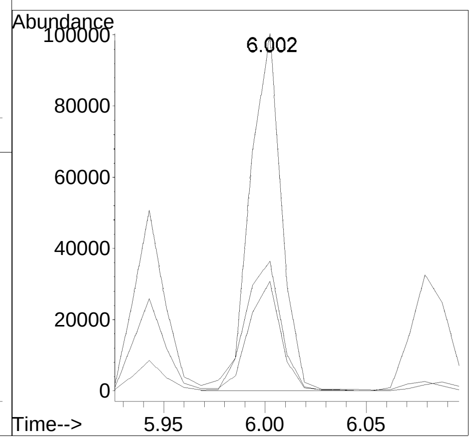


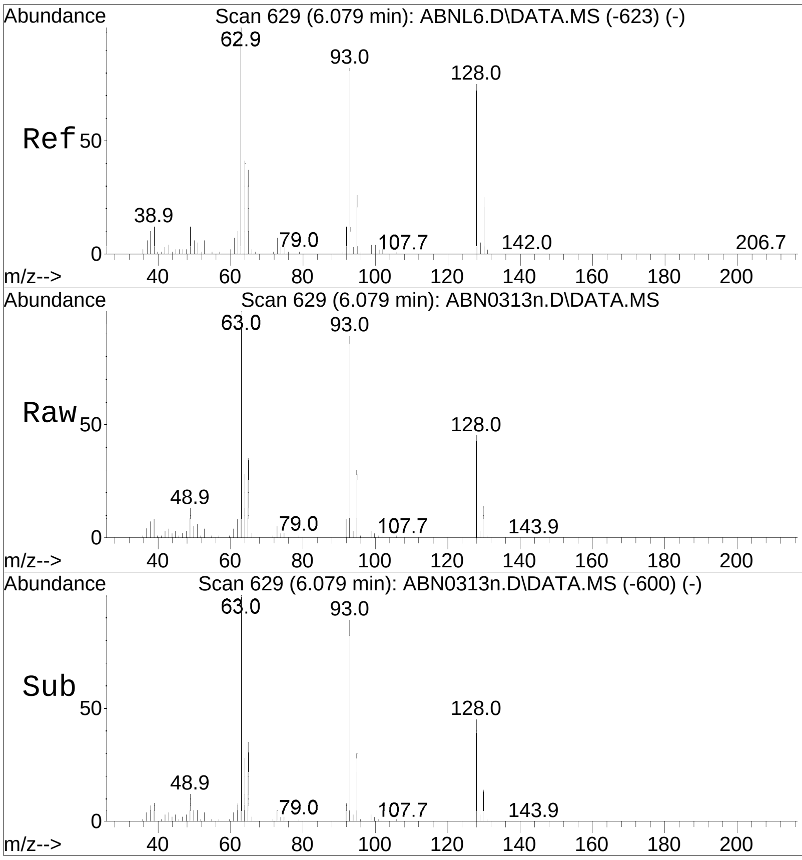


#8
Phenol
Concen: 4.89 ug/ml
RT: 6.002 min Scan# 620
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 94 Resp: 106983

Ion	Ratio	Lower	Upper
94	100		
65	31.9	26.0	39.0
66	42.8	33.8	50.8

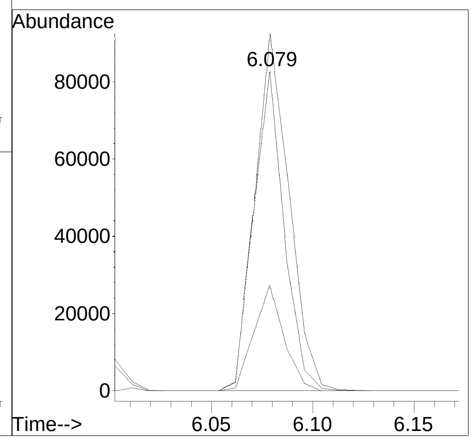


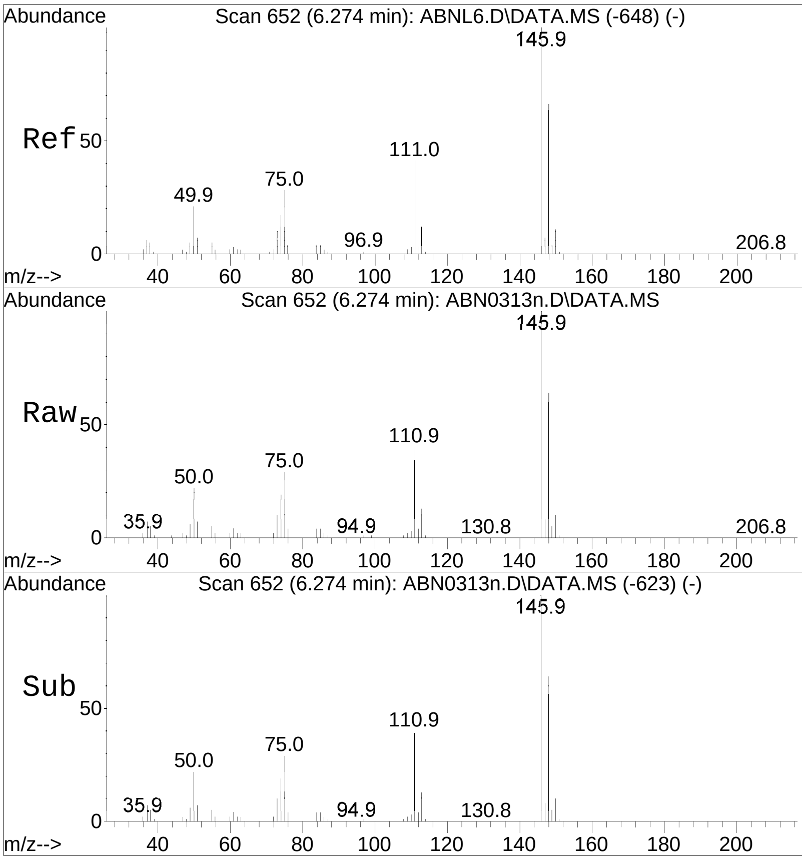


#9
Bis(2-chloroethyl)ether
Concen: 4.97 ug/ml
RT: 6.079 min Scan# 629
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 93 Resp: 86294

Ion	Ratio	Lower	Upper
93	100		
63	125.4	74.6	111.8#
95	32.5	25.9	38.9

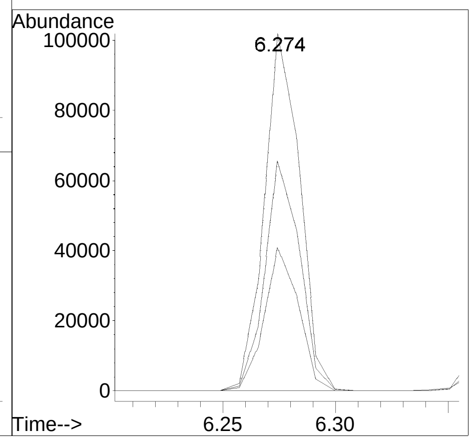


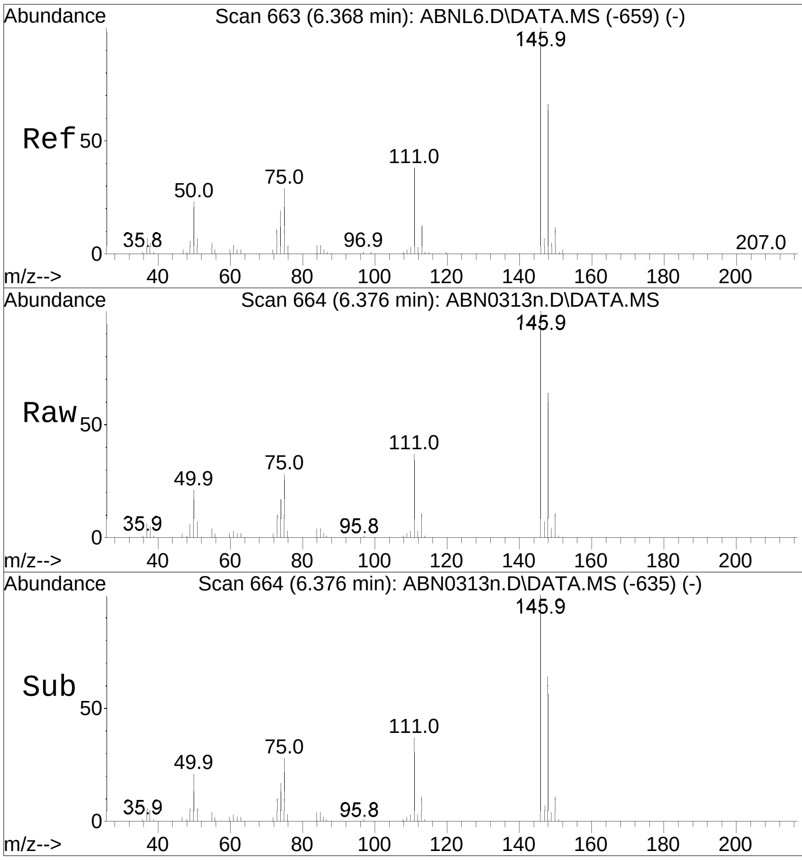


#10
1,3-Dichlorobenzene
Concen: 4.81 ug/ml
RT: 6.274 min Scan# 652
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:146 Resp: 111094

Ion	Ratio	Lower	Upper
146	100		
111	38.8	34.3	51.5
148	63.2	50.8	76.2

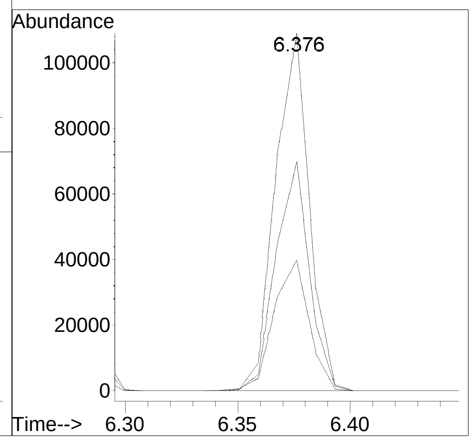


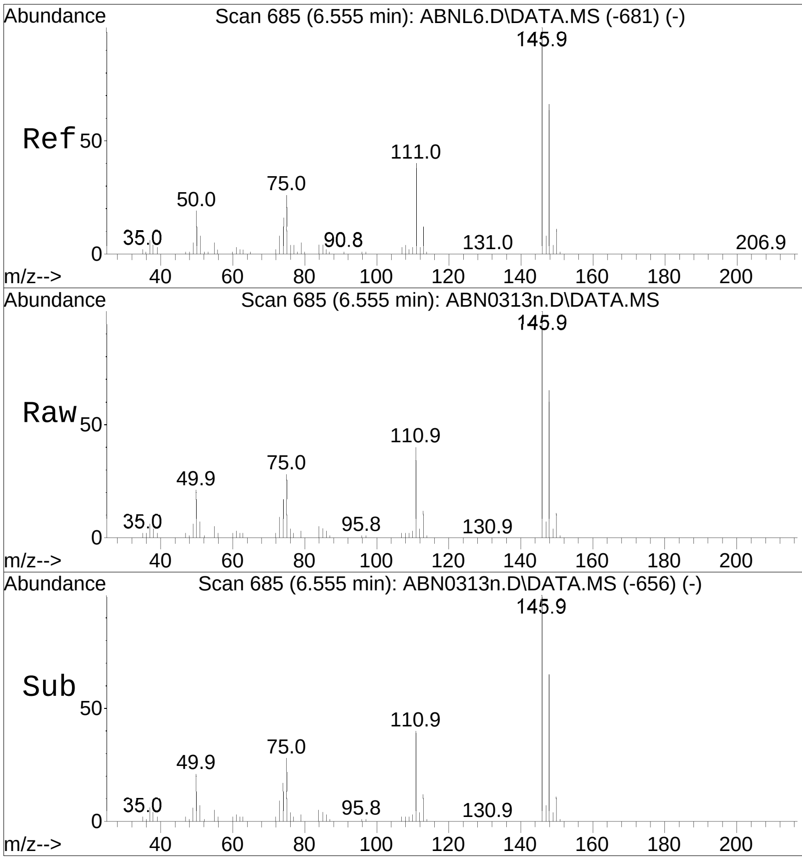


#11
1,4-Dichlorobenzene
Concen: 4.81 ug/ml
RT: 6.376 min Scan# 664
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:146 Resp: 113474

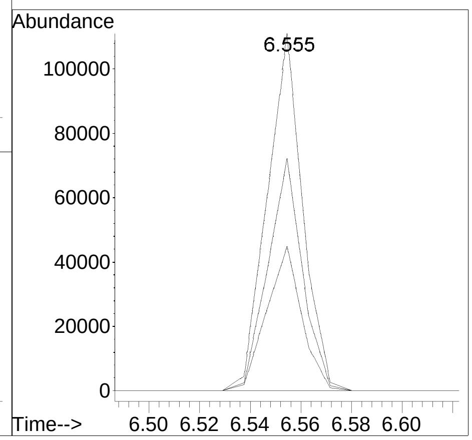
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	38.2	33.4	50.0

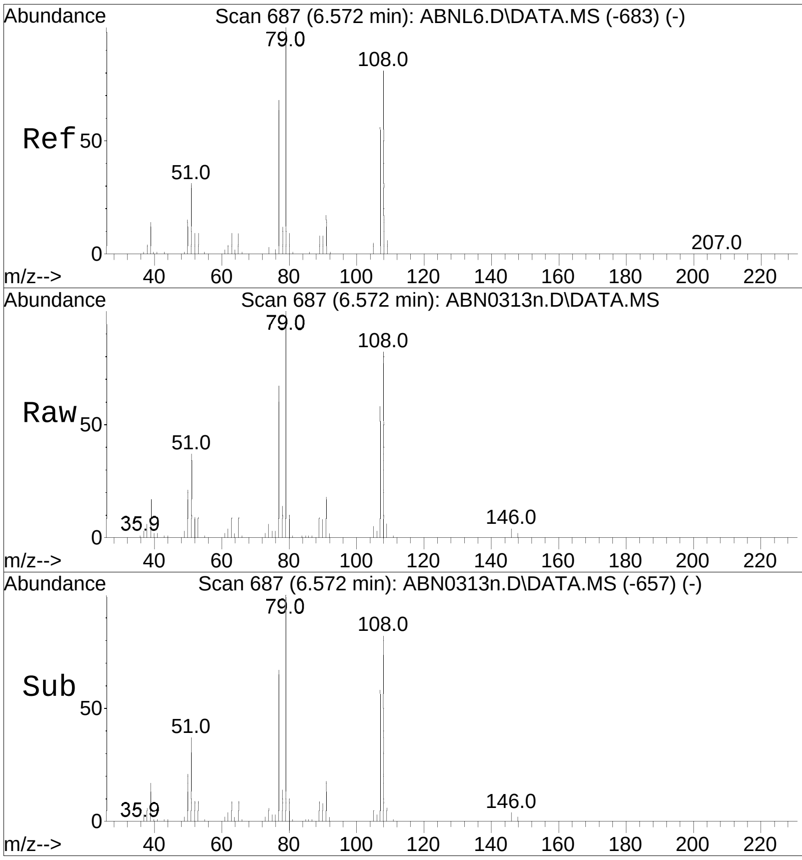





```
#12
1,2-Dichlorobenzene
Concen:    4.80 ug/ml
RT:   6.555 min  Scan# 685
Delta R.T.  0.000 min
Lab File:   ABN0313n.D
Acq: 13 Mar 2025   8:06 pm

Tgt Ion:146 Resp:  107269
Ion  Ratio  Lower  Upper
146  100
111   40.2   34.6   52.0
148   63.7   50.2   75.4
```

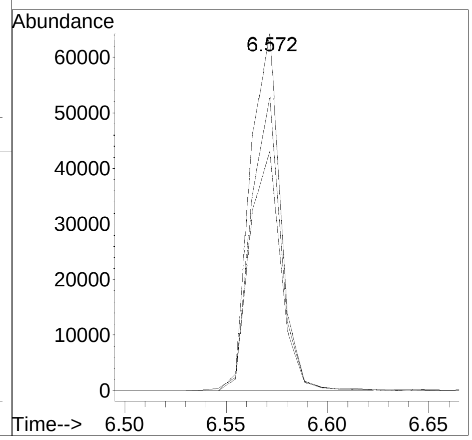


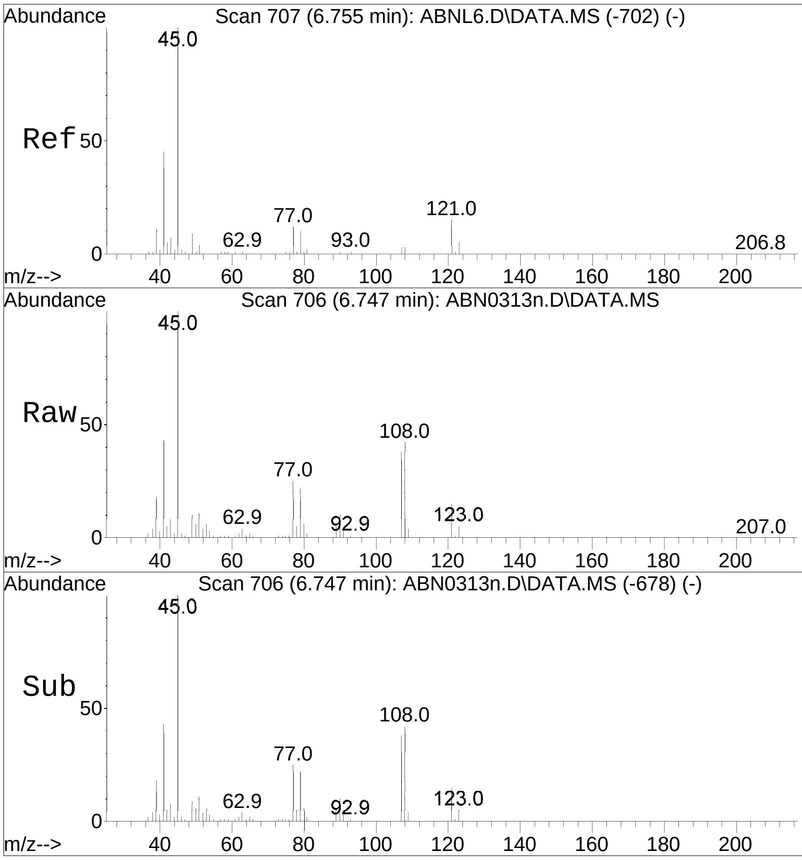


#13
Benzyl alcohol
Concen: 4.88 ug/ml
RT: 6.572 min Scan# 687
Delta R.T. 0.009 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 79 Resp: 66557

Ion	Ratio	Lower	Upper
79	100		
77	70.2	54.9	82.3
108	82.0	63.1	94.7

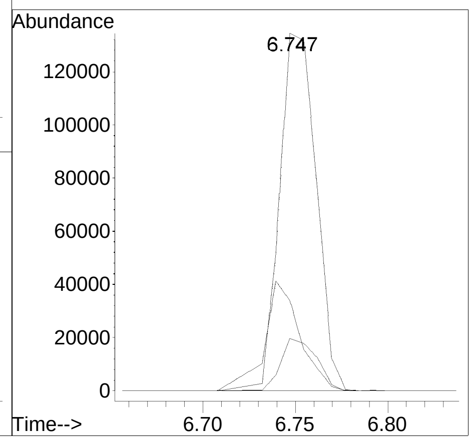


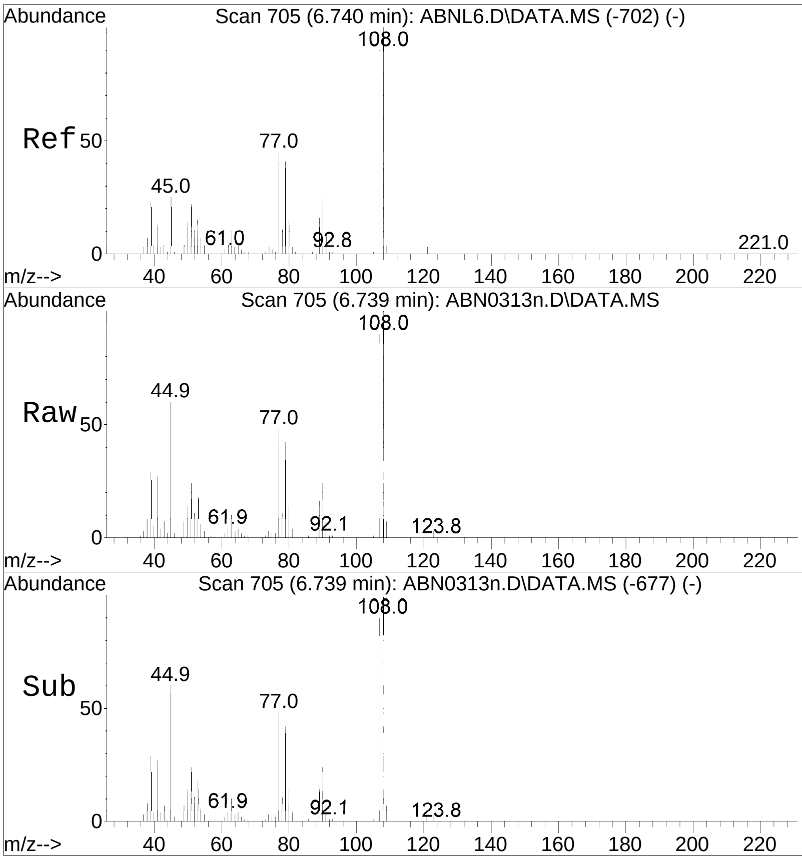


#14
Bis(2-chloroisopropyl)ether
Concen: 5.62 ug/ml
RT: 6.747 min Scan# 706
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 45 Resp: 227688

Ion	Ratio	Lower	Upper
45	100		
121	14.6	9.8	14.6
77	26.4	6.1	9.1#

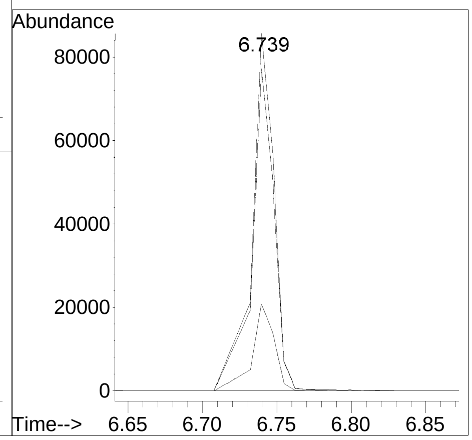


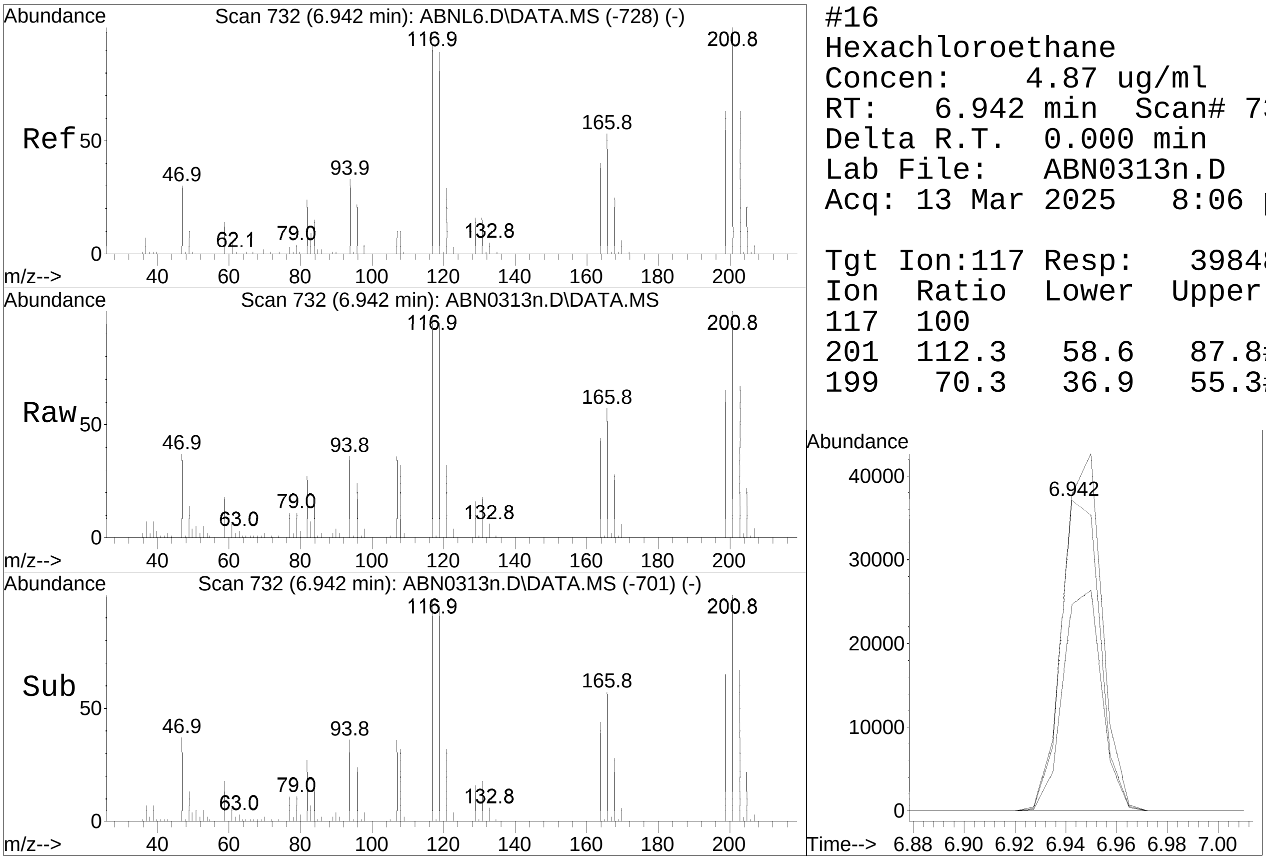


#15
2-Methylphenol
Concen: 4.80 ug/ml
RT: 6.739 min Scan# 705
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025   8:06 pm

Tgt Ion:108 Resp: 92204

Ion	Ratio	Lower	Upper
108	100		
107	94.1	70.7	106.1
90	26.6	18.7	28.1

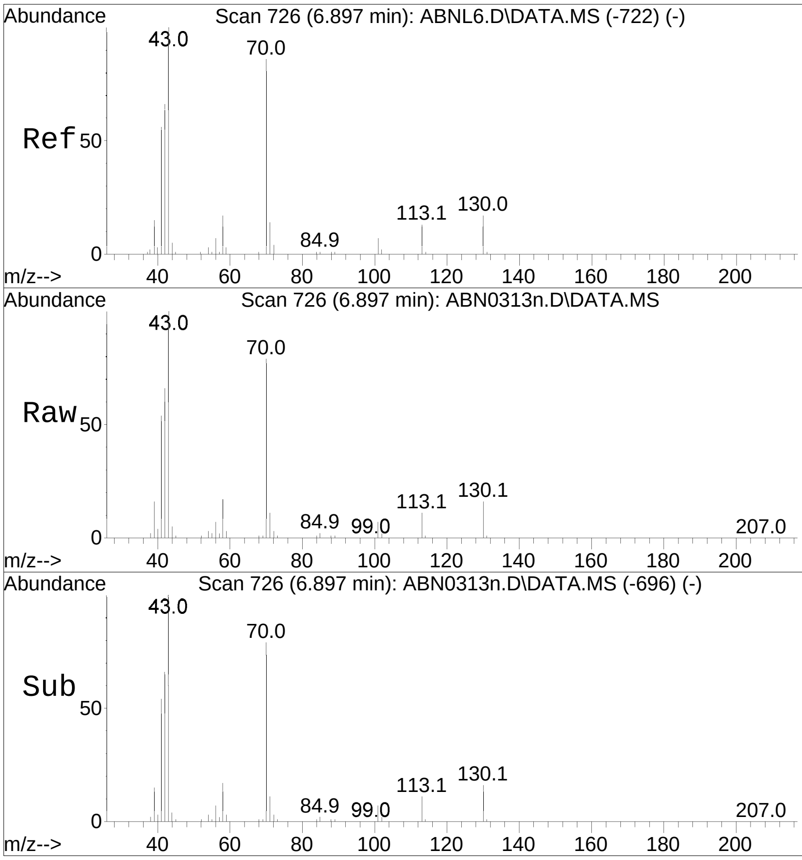




#16
Hexachloroethane
Concen: 4.87 ug/ml
RT: 6.942 min Scan# 732
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:117 Resp: 39848

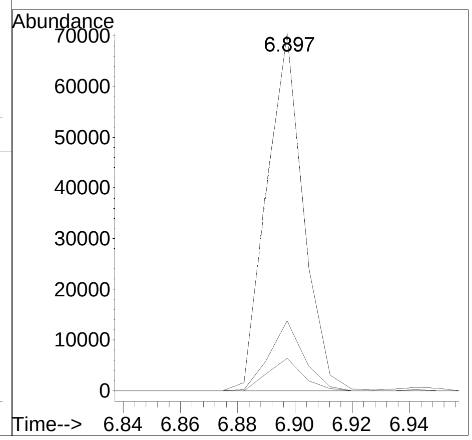
Ion	Ratio	Lower	Upper
117	100		
201	112.3	58.6	87.8#
199	70.3	36.9	55.3#

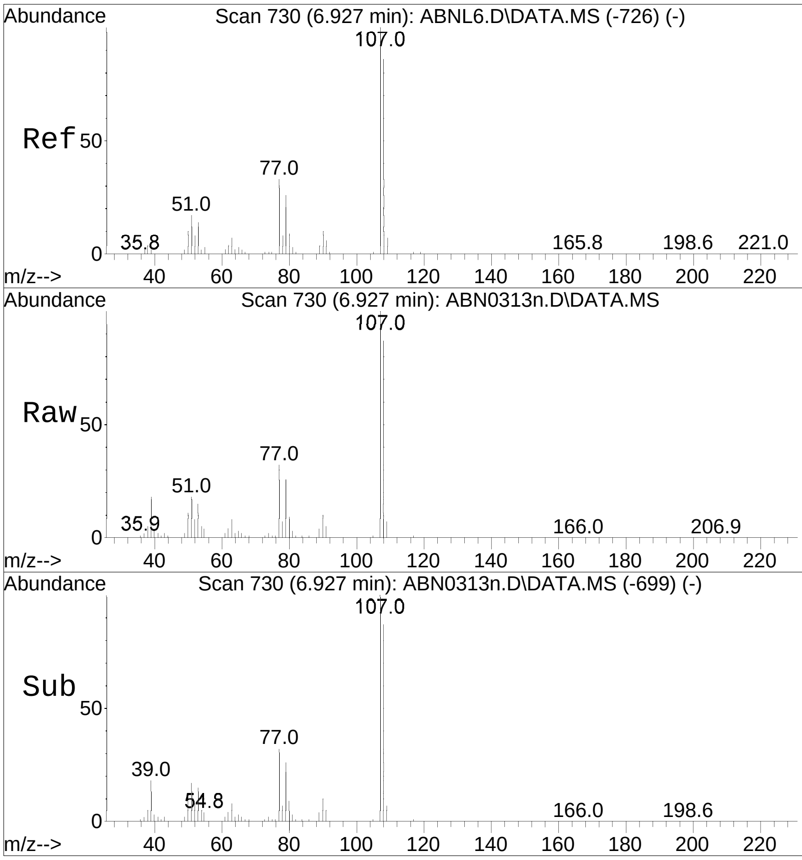


#17
n-Nitrosodi-n-propylamine
Concen: 4.88 ug/ml
RT: 6.897 min Scan# 726
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 70 Resp: 62510

Ion	Ratio	Lower	Upper
70	100		
130	18.4	18.2	27.4
101	8.7	7.8	11.8

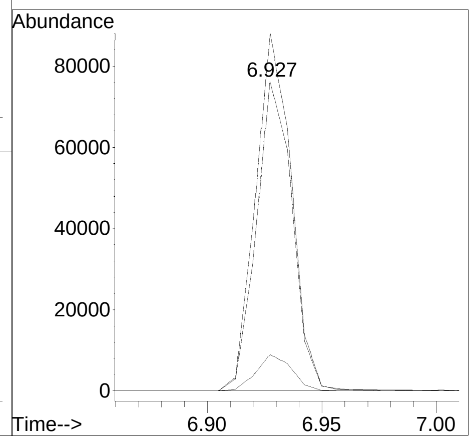


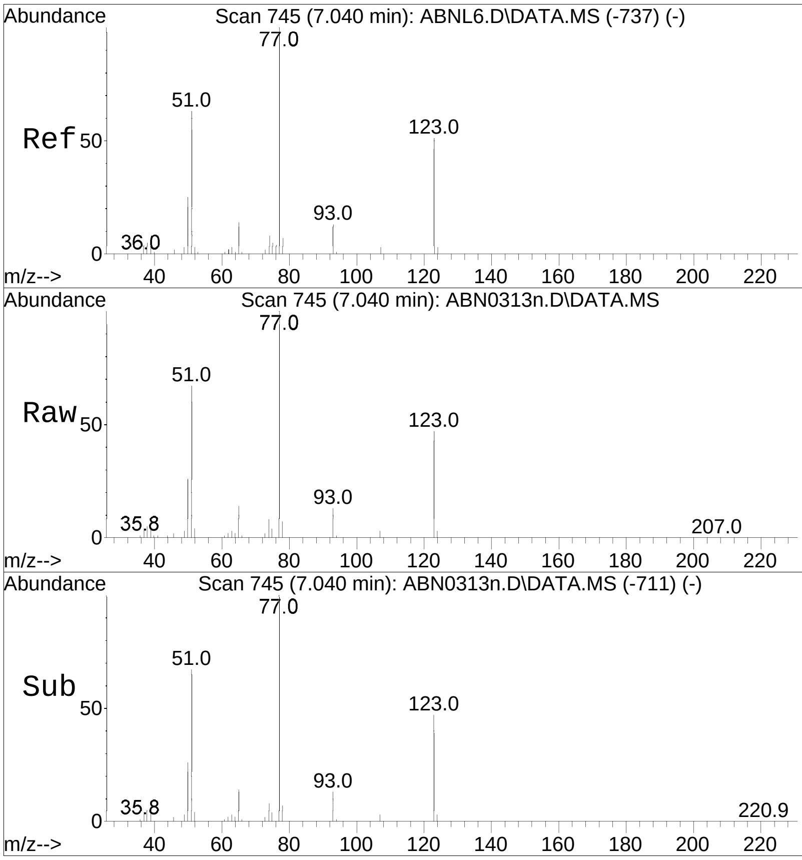


#18
3-Methylphenol/4-Methylphenol
Concen: 4.99 ug/ml
RT: 6.927 min Scan# 730
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:108 Resp: 83106

Ion	Ratio	Lower	Upper
108	100		
107	115.4	88.6	132.8
90	11.6	8.8	13.2

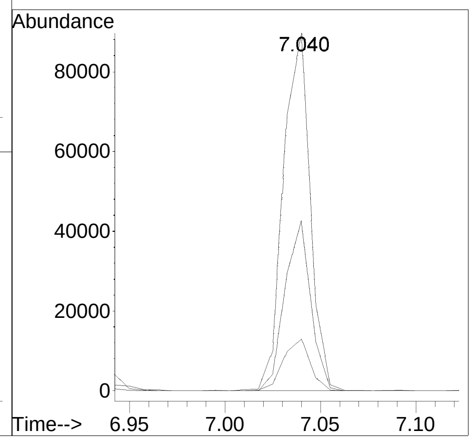


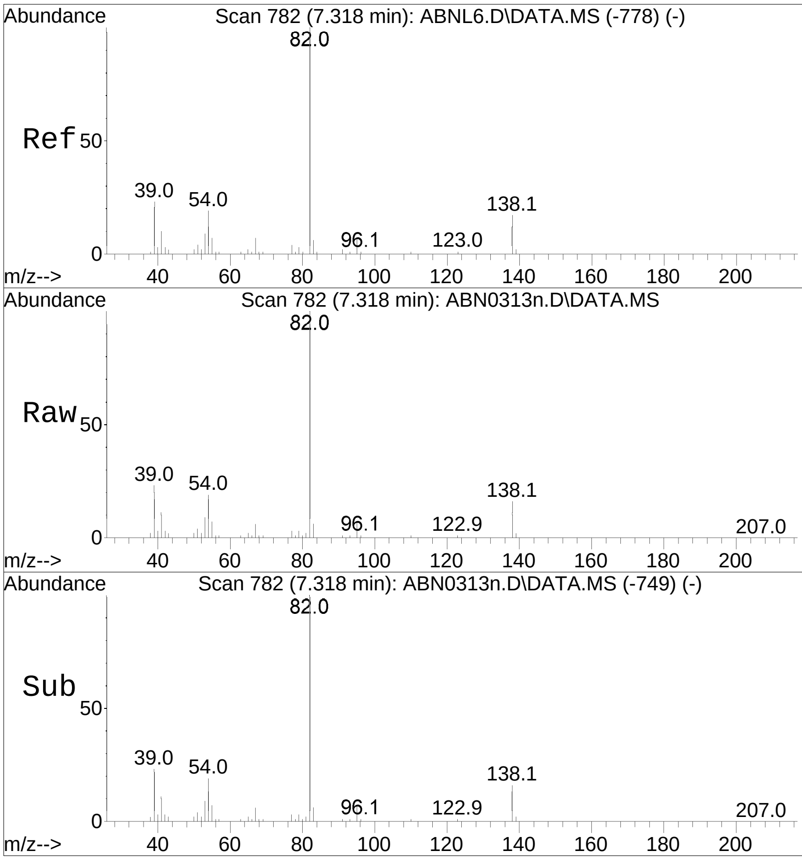


#20
Nitrobenzene
Concen: 5.20 ug/ml
RT: 7.040 min Scan# 745
Delta R.T. 0.008 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 77 Resp: 87231

Ion	Ratio	Lower	Upper
77	100		
123	45.8	36.3	54.5
65	14.6	11.6	17.4

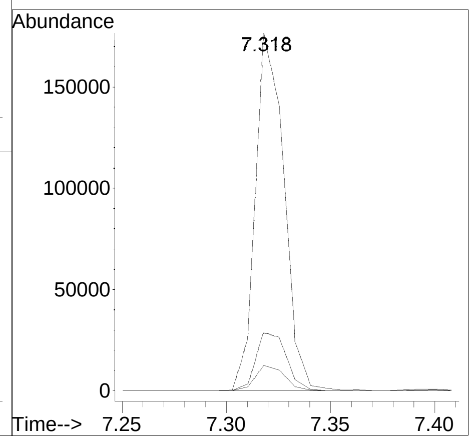


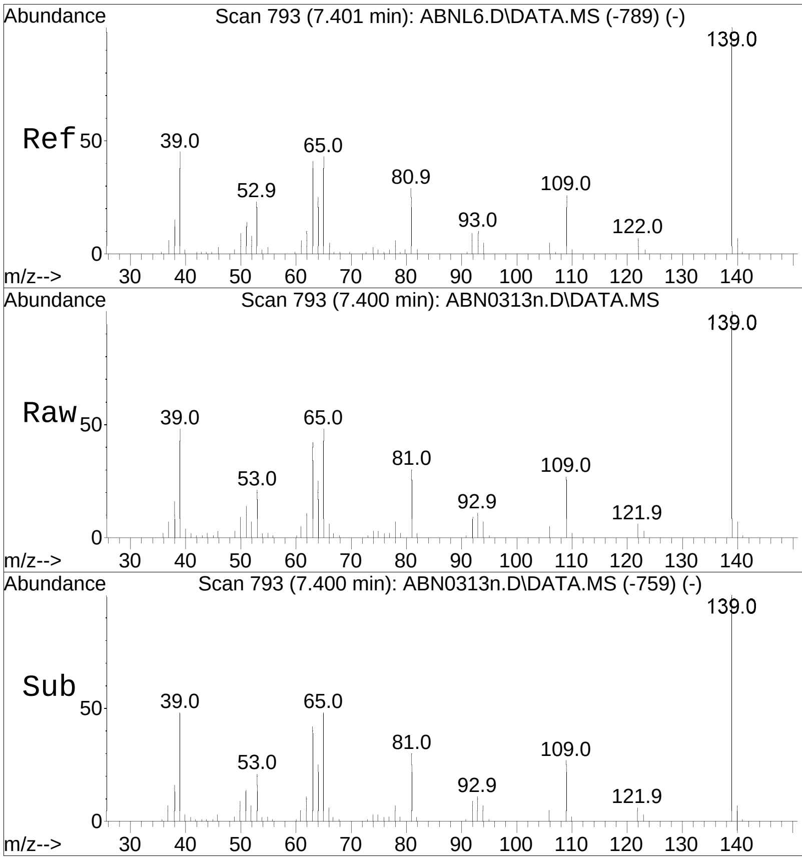


#21
Isophorone
Concen: 4.86 ug/ml
RT: 7.318 min Scan# 782
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 82 Resp: 167394

Ion	Ratio	Lower	Upper
82	100		
138	17.4	14.7	22.1
95	7.2	5.2	7.8

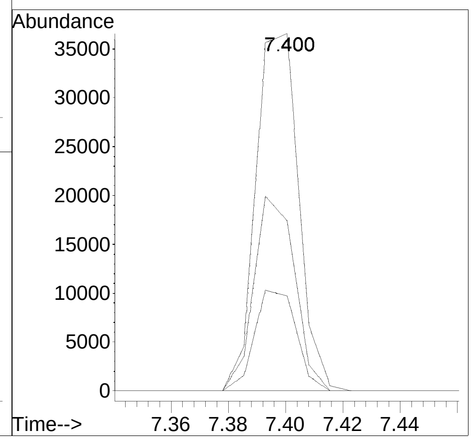


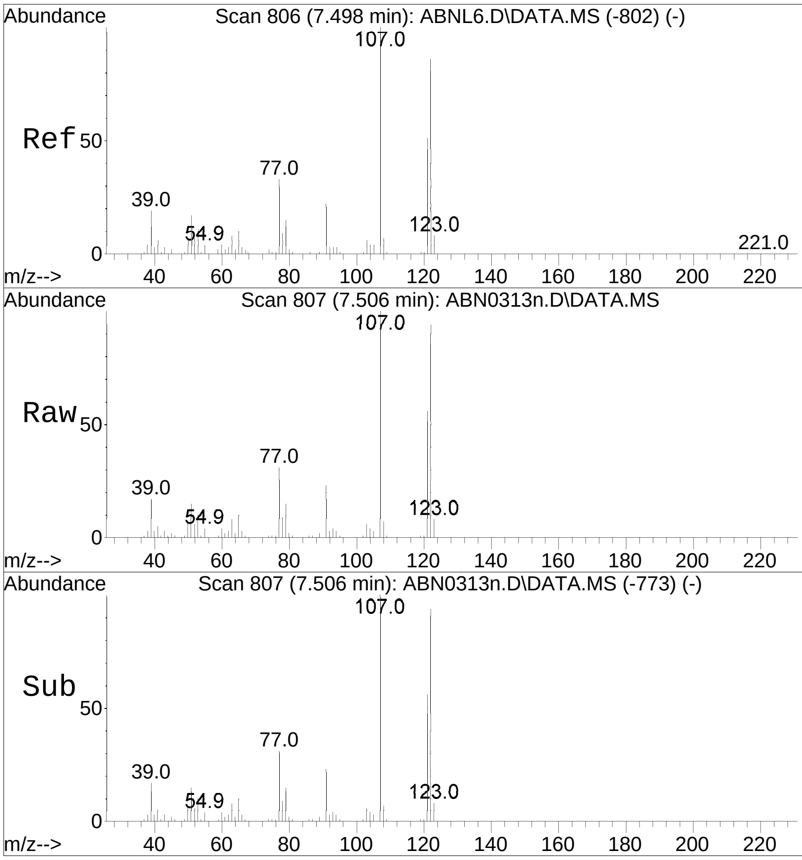


#22
2-Nitrophenol
Concen: 4.97 ug/ml
RT: 7.400 min Scan# 793
Delta R.T. 0.008 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:139 Resp: 37897

Ion	Ratio	Lower	Upper
139	100		
109	27.5	19.4	29.0
65	51.8	46.1	69.1

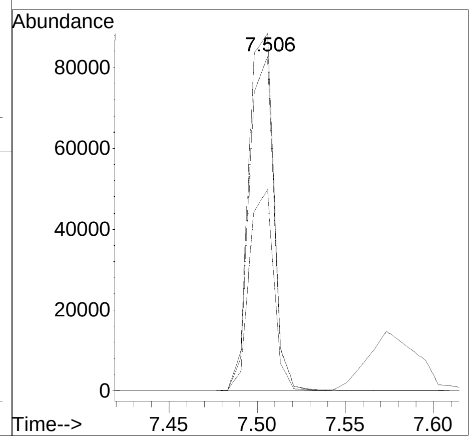


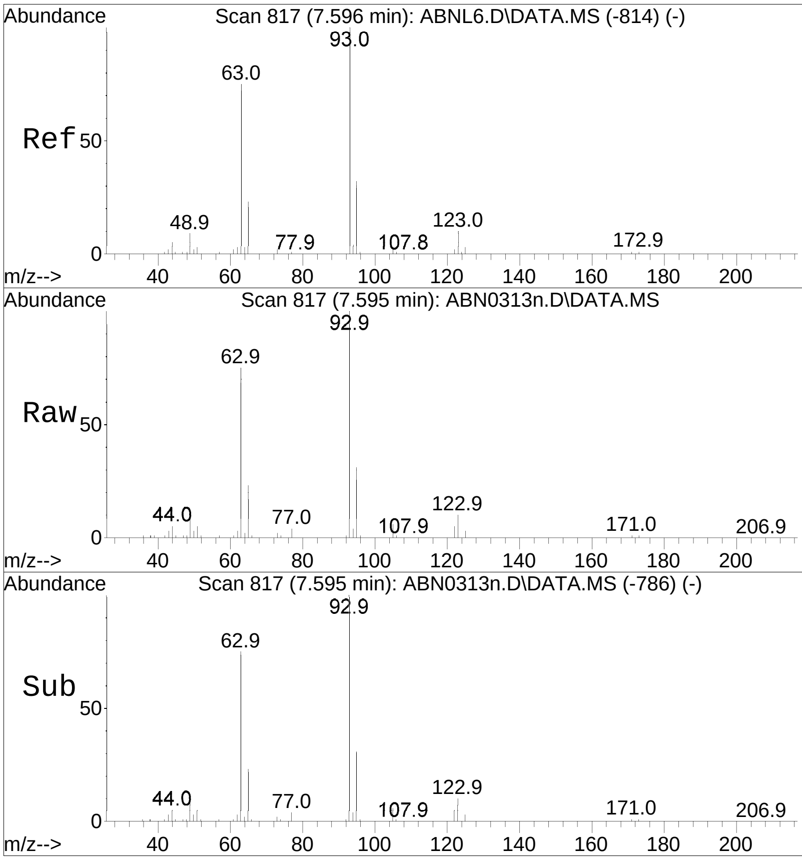


#23
2,4-Dimethylphenol
Concen: 4.89 ug/ml
RT: 7.506 min Scan# 807
Delta R.T. 0.008 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:107 Resp: 87924

Ion	Ratio	Lower	Upper
107	100		
121	54.8	40.0	60.0
122	90.7	70.2	105.4

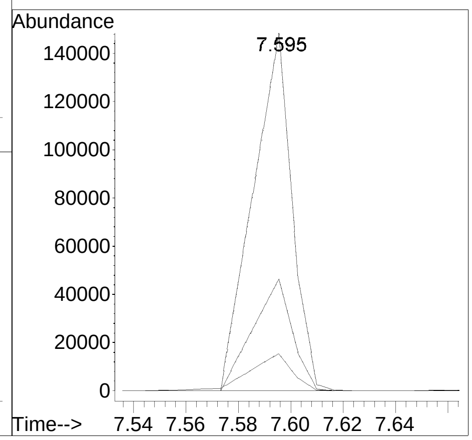


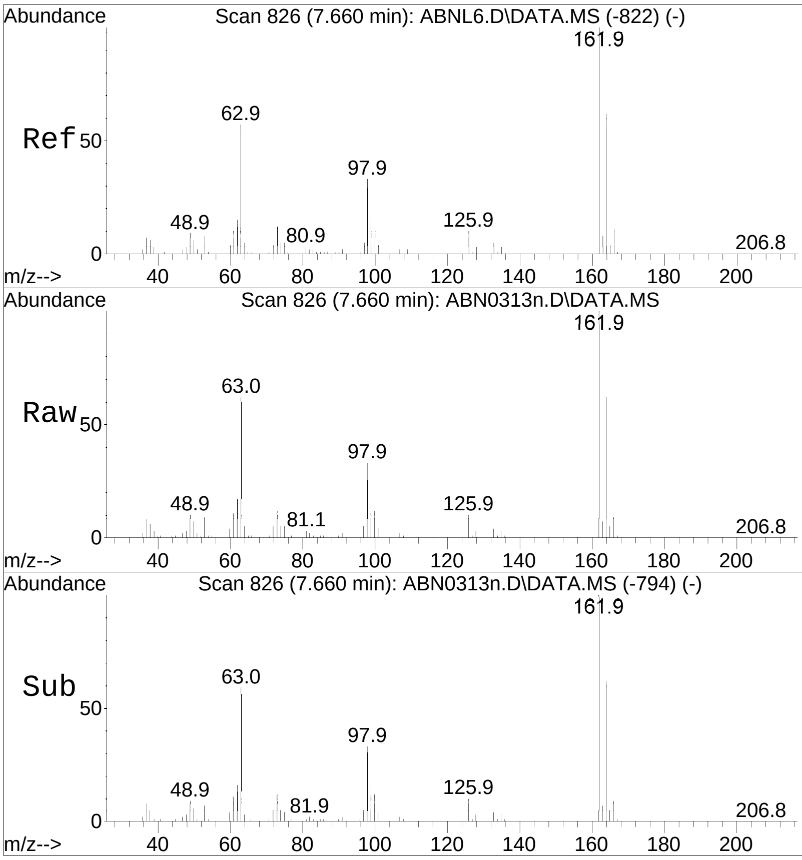


#24
Bis(2-chloroethoxy)methane
Concen: 4.56 ug/ml
RT: 7.595 min Scan# 817
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 93 Resp: 111944

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.8
123	11.3	10.1	15.1

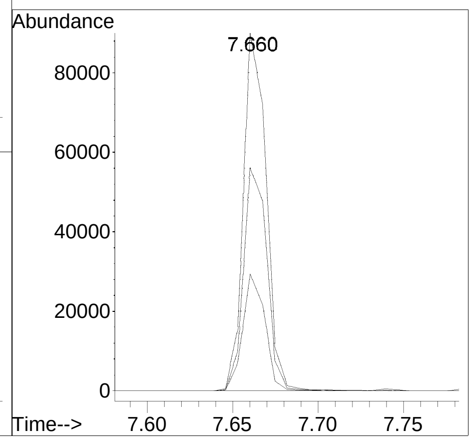


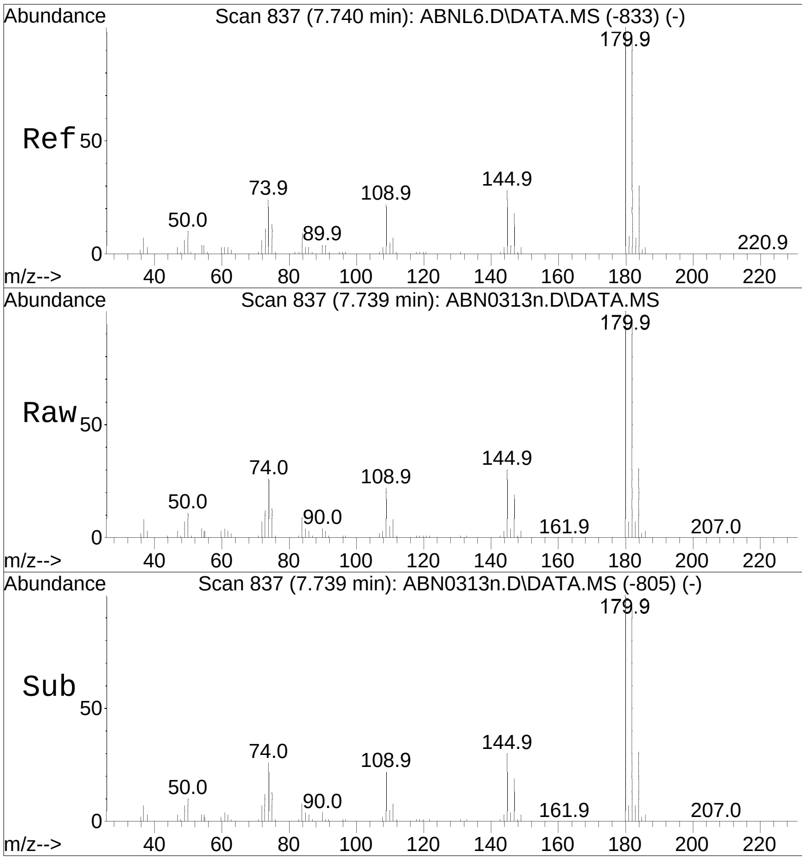


#25
2,4-Dichlorophenol
Concen: 4.88 ug/ml
RT: 7.660 min Scan# 826
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:162 Resp: 83153

Ion	Ratio	Lower	Upper
162	100		
164	64.1	51.0	76.4
98	32.0	32.2	48.2#

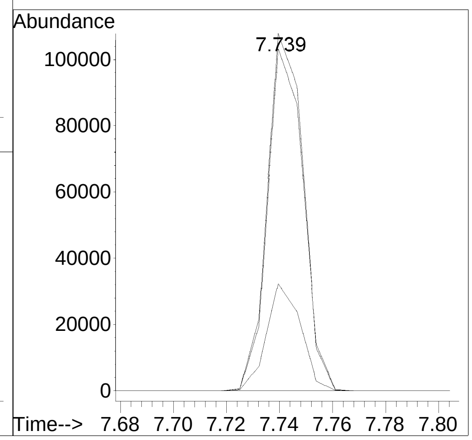


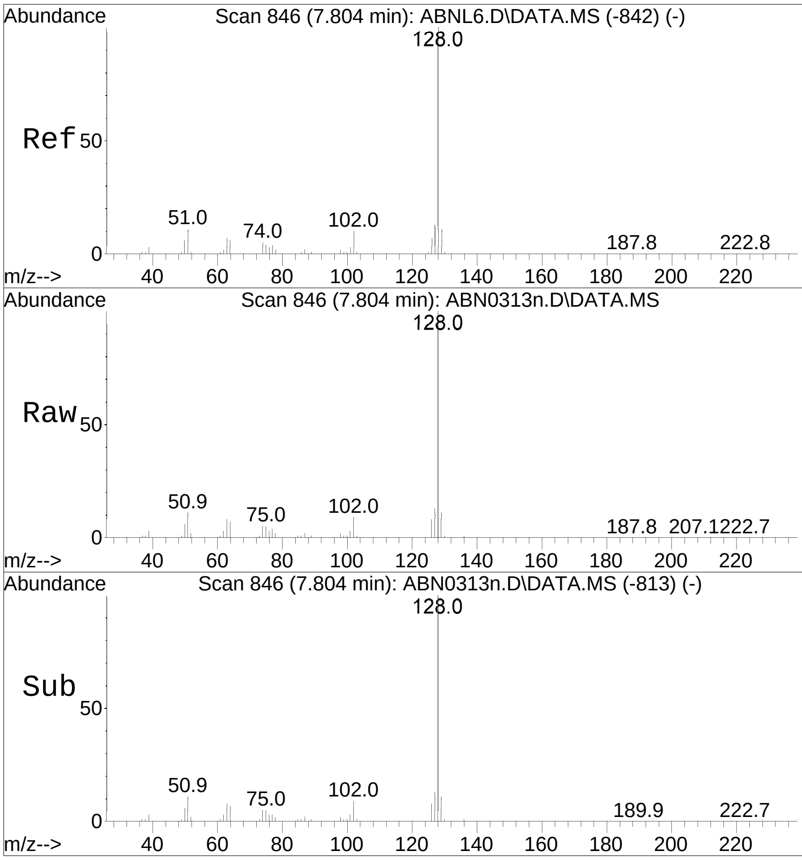


#26
1,2,4-Trichlorobenzene
Concen: 4.65 ug/ml
RT: 7.739 min Scan# 837
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:180 Resp: 101554

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	28.6	25.7	38.5

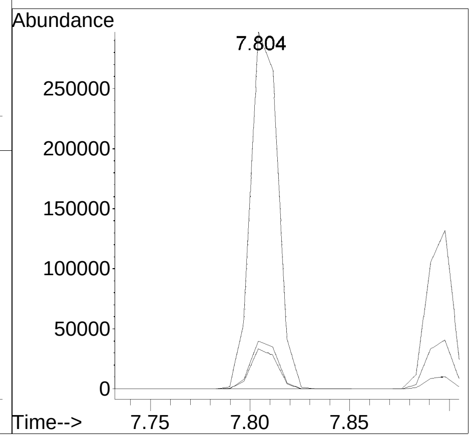


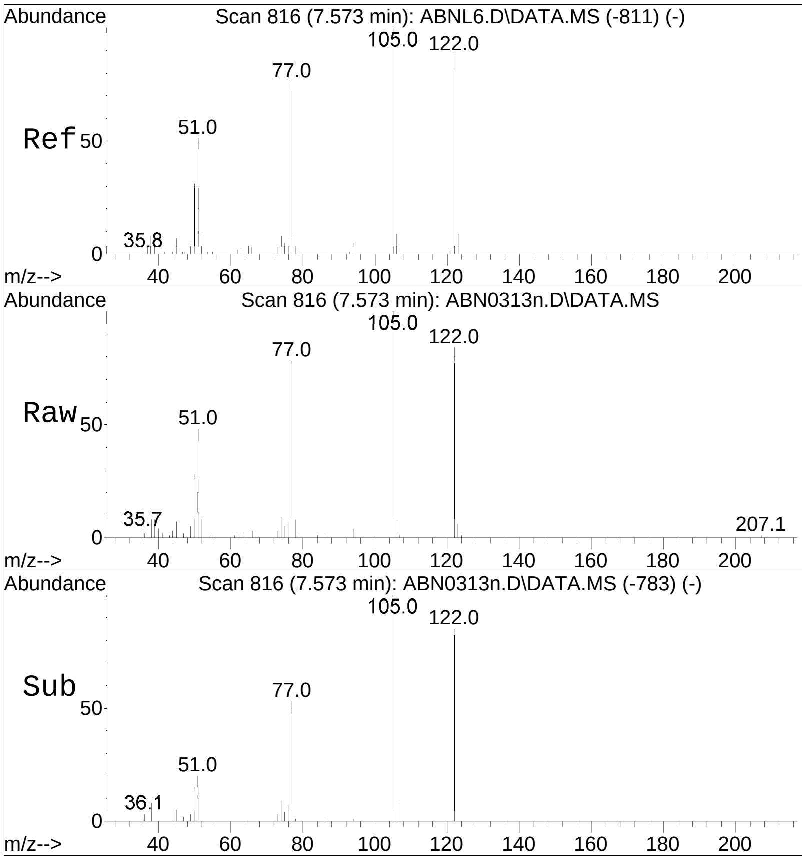


#36
Naphthalene
Concen: 4.78 ug/ml
RT: 7.804 min Scan# 846
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:128 Resp: 286449

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.3	10.3	15.5

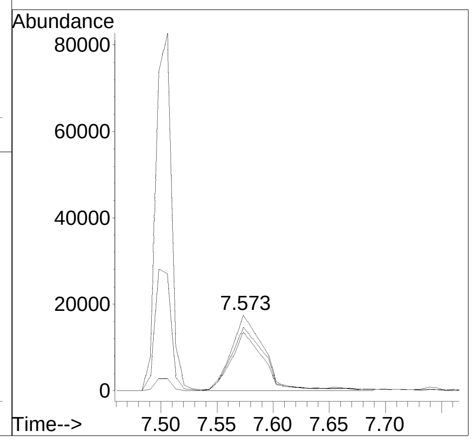


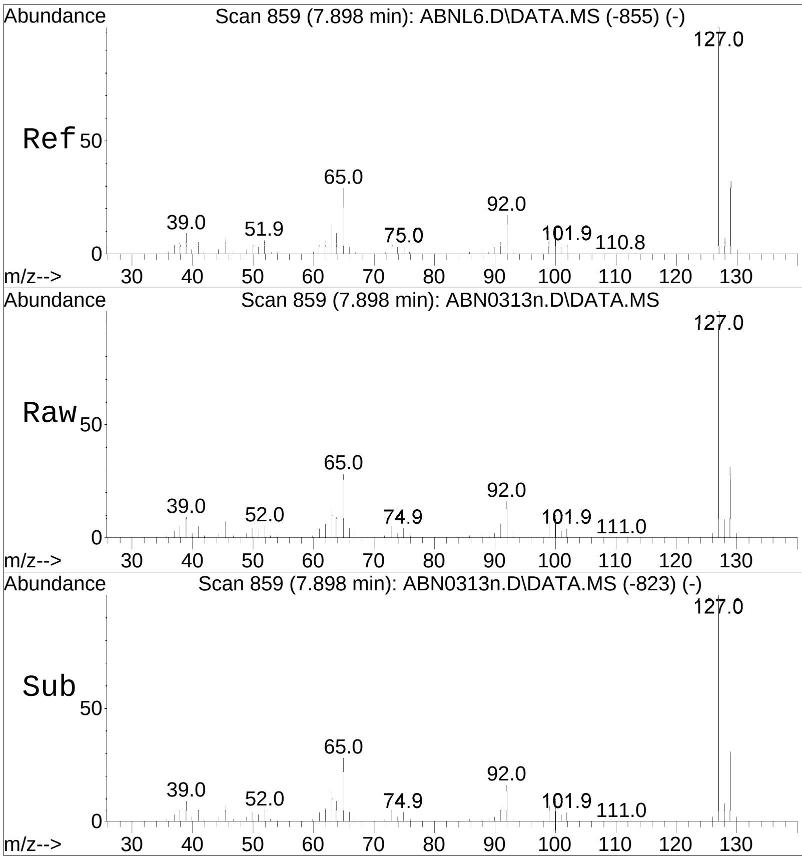


#37
Benzoic Acid
Concen: 3.65 ug/ml
RT: 7.573 min Scan# 816
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:105 Resp: 26838

Ion	Ratio	Lower	Upper
105	100		
122	82.3	59.9	89.9
77	77.8	60.1	90.1

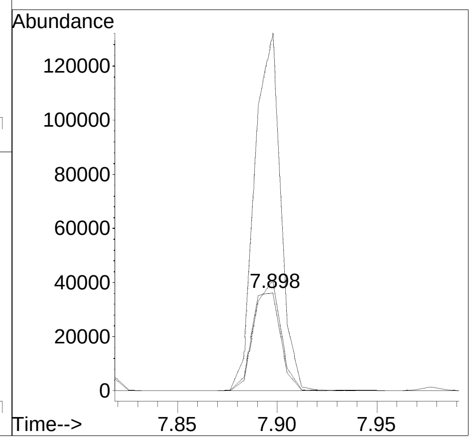


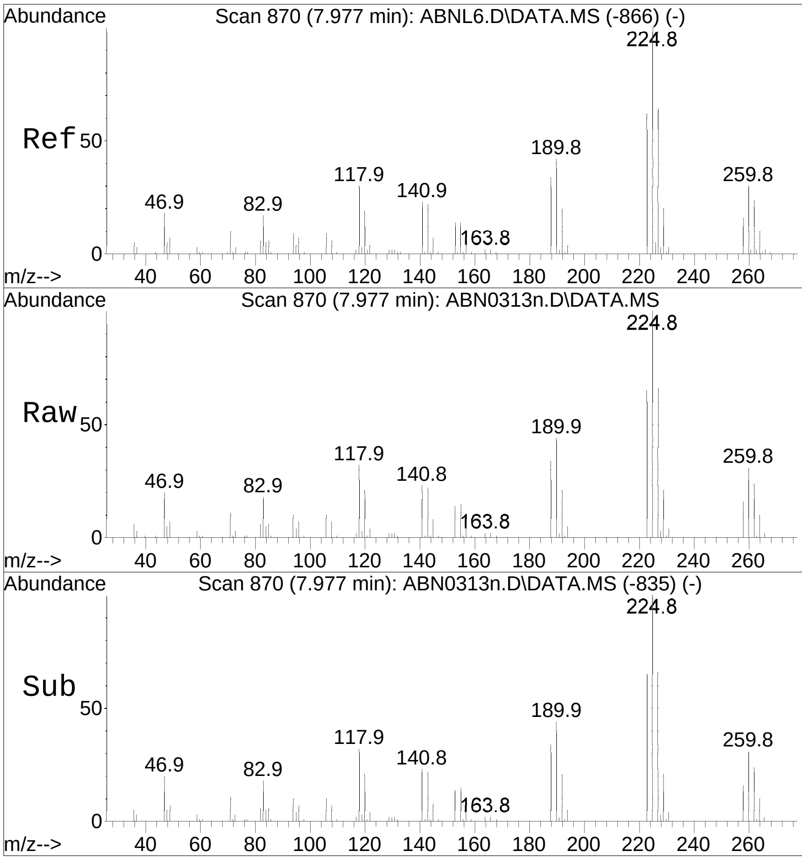


#38
4-Chloroaniline
Concen: 4.90 ug/ml
RT: 7.898 min Scan# 859
Delta R.T. 0.007 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 65 Resp: 36239

Ion	Ratio	Lower	Upper
65	100		
127	330.1	237.6	356.4
129	103.4	76.3	114.5

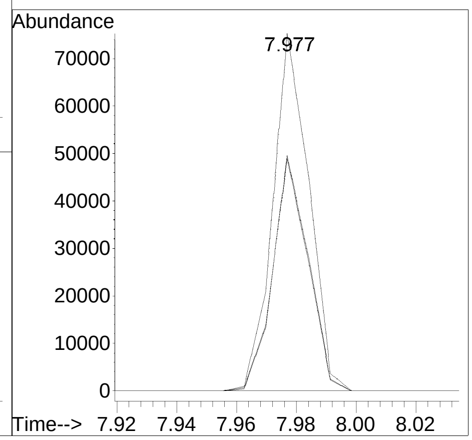


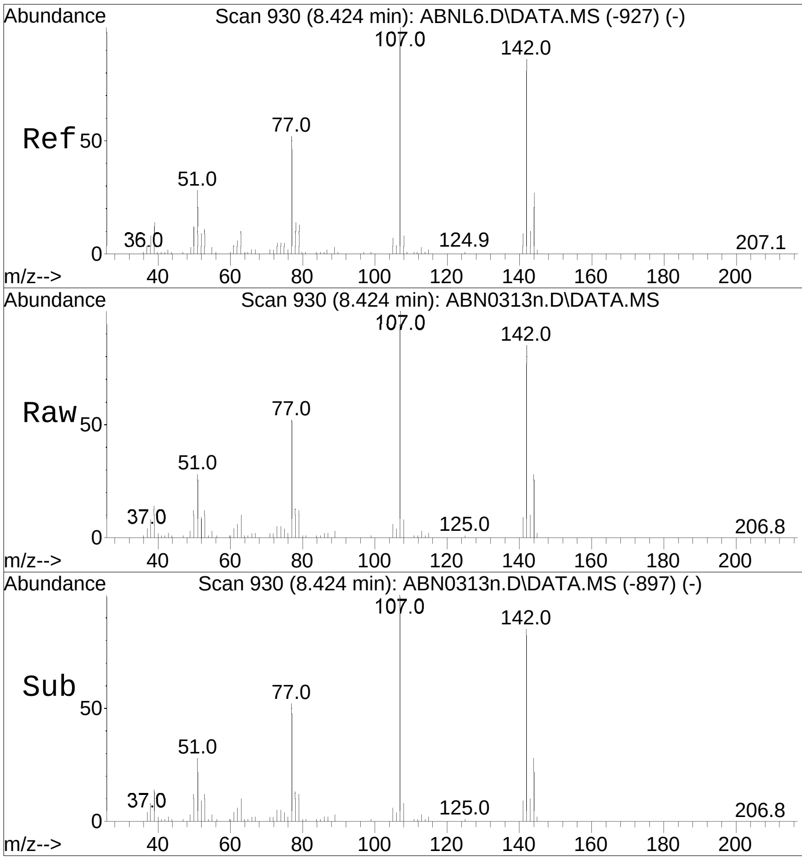


#39
Hexachlorobutadiene
Concen: 4.59 ug/ml
RT: 7.977 min Scan# 870
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:225 Resp: 62833

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	64.5	52.2	78.2

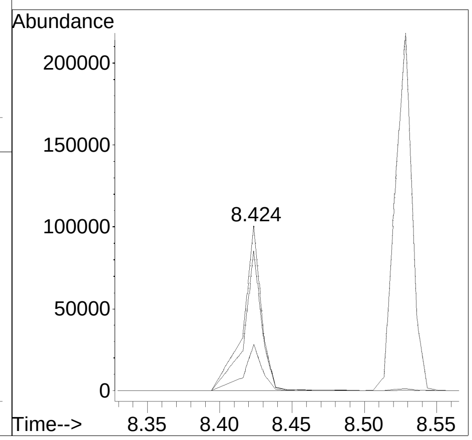


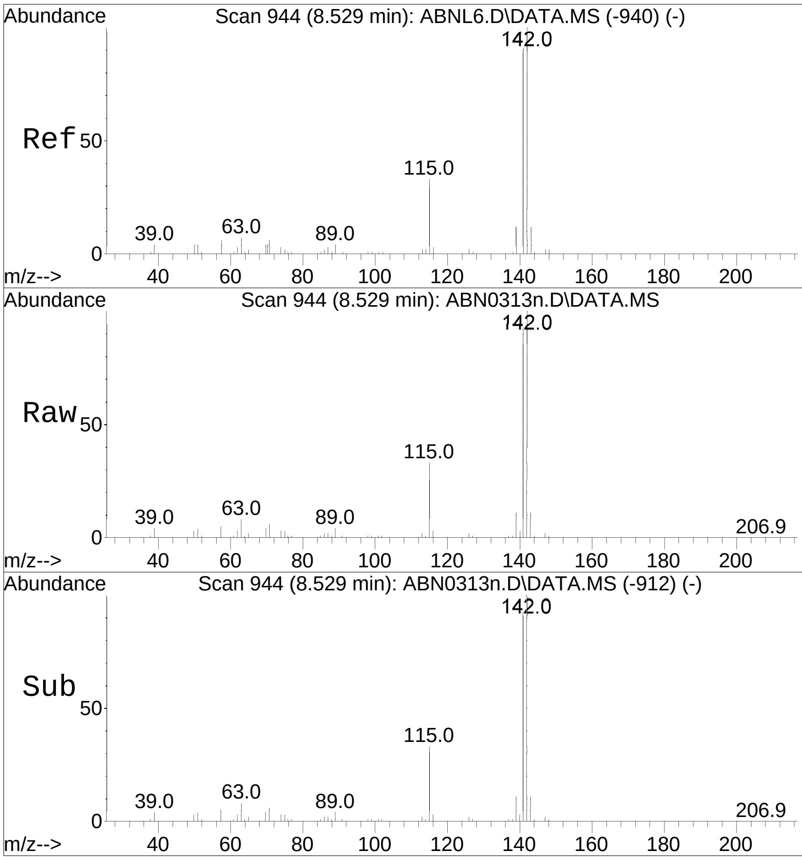


#40
p-Chloro-m-cresol
Concen: 4.69 ug/ml
RT: 8.424 min Scan# 930
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:107 Resp: 85628

Ion	Ratio	Lower	Upper
107	100		
144	30.1	20.9	31.3
142	84.5	66.1	99.1

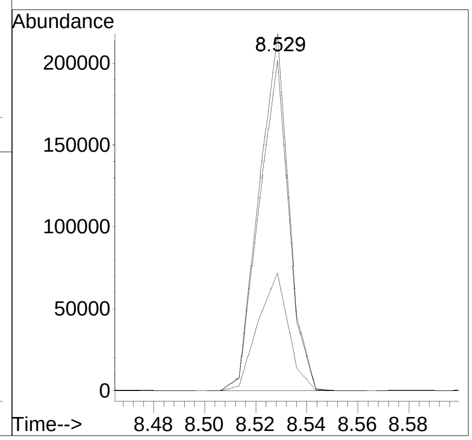


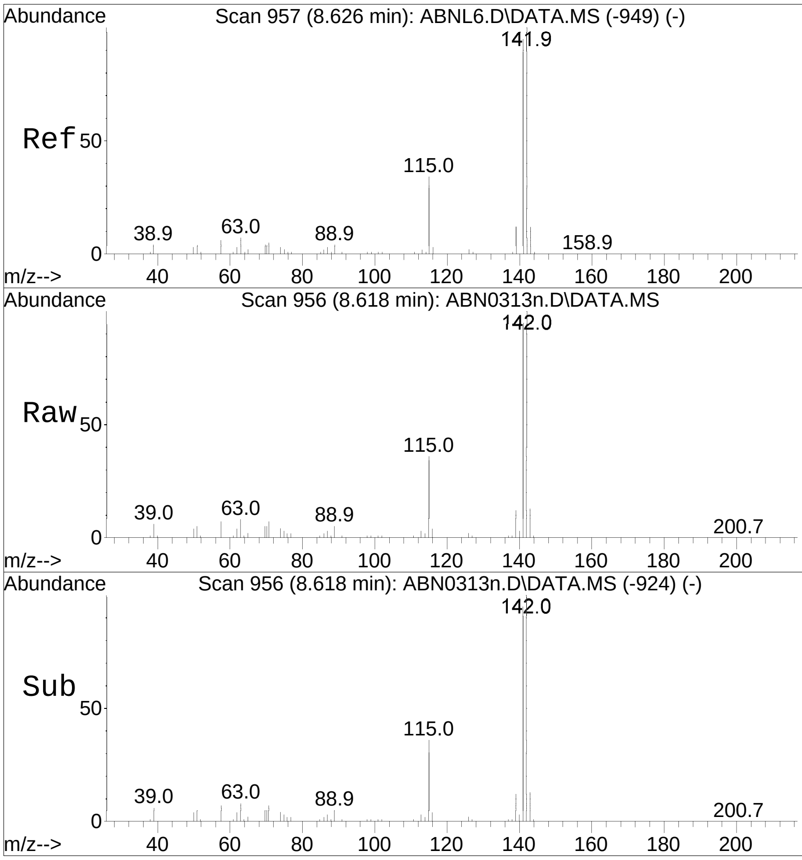


#41
2-Methylnaphthalene
Concen: 4.95 ug/ml
RT: 8.529 min Scan# 944
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:142 Resp: 177242

Ion	Ratio	Lower	Upper
142	100		
141	92.5	69.6	104.4
115	33.6	26.6	40.0

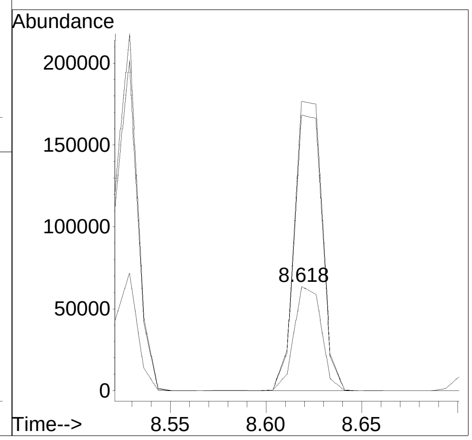


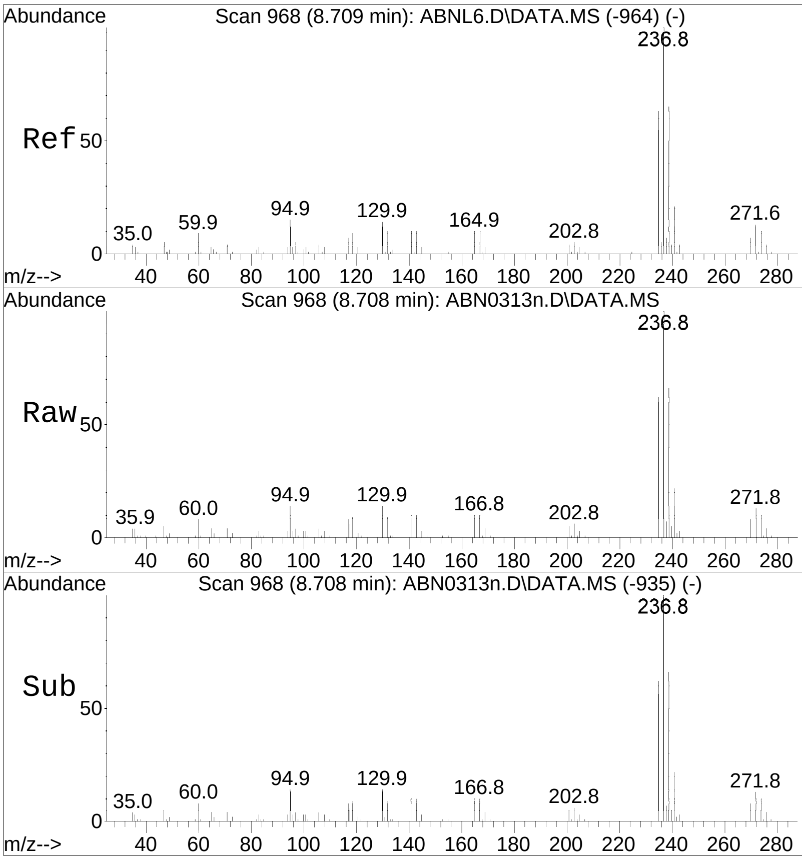


#42
1-Methylnaphthalene
Concen: 4.64 ug/ml
RT: 8.618 min Scan# 956
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:115 Resp: 63774

Ion	Ratio	Lower	Upper
115	100		
141	267.6	207.8	311.6
142	281.7	226.8	340.2

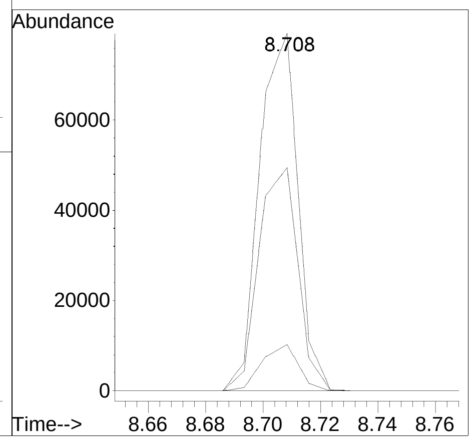


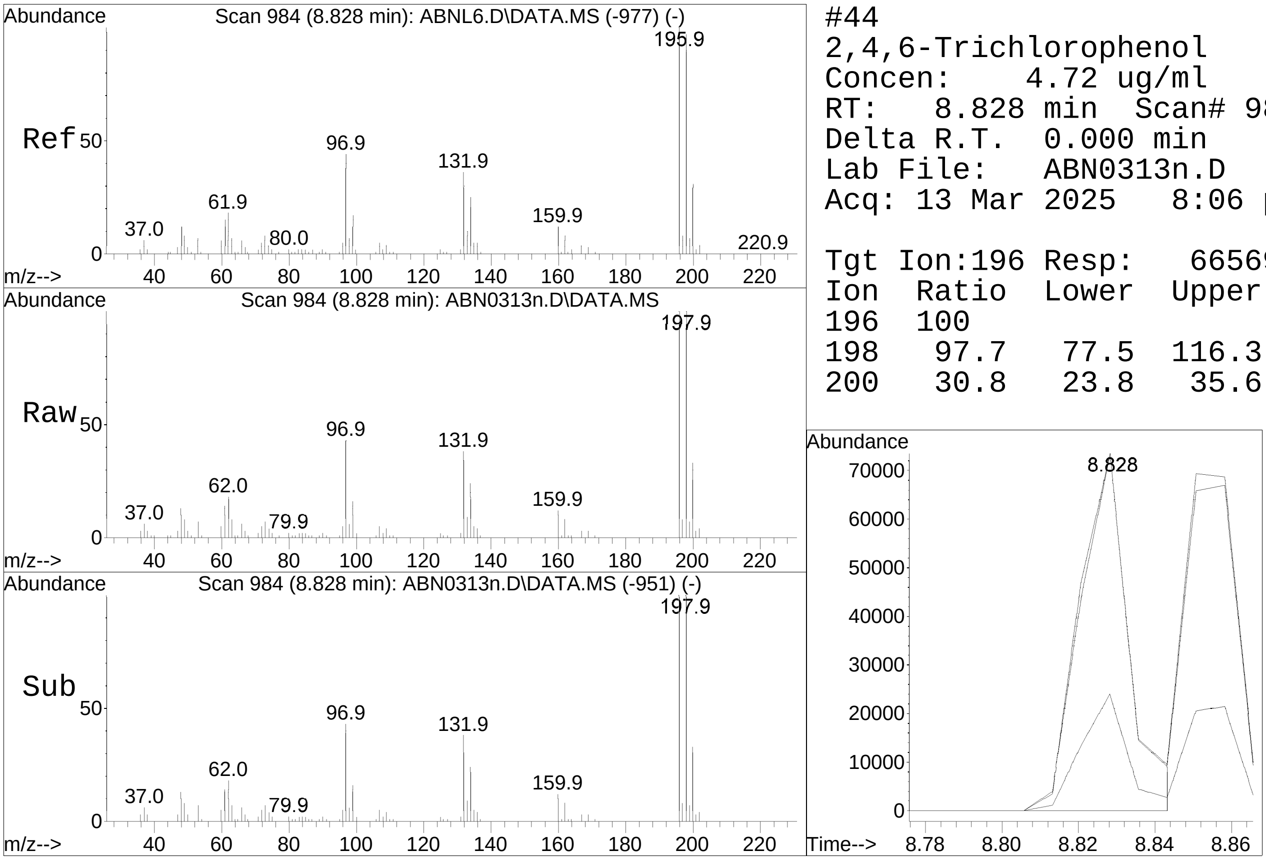


#43
Hexachlorocyclopentadiene
Concen: 4.36 ug/ml
RT: 8.708 min Scan# 968
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:237 Resp: 73410

Ion	Ratio	Lower	Upper
237	100		
235	64.0	49.7	74.5
272	12.4	9.8	14.6

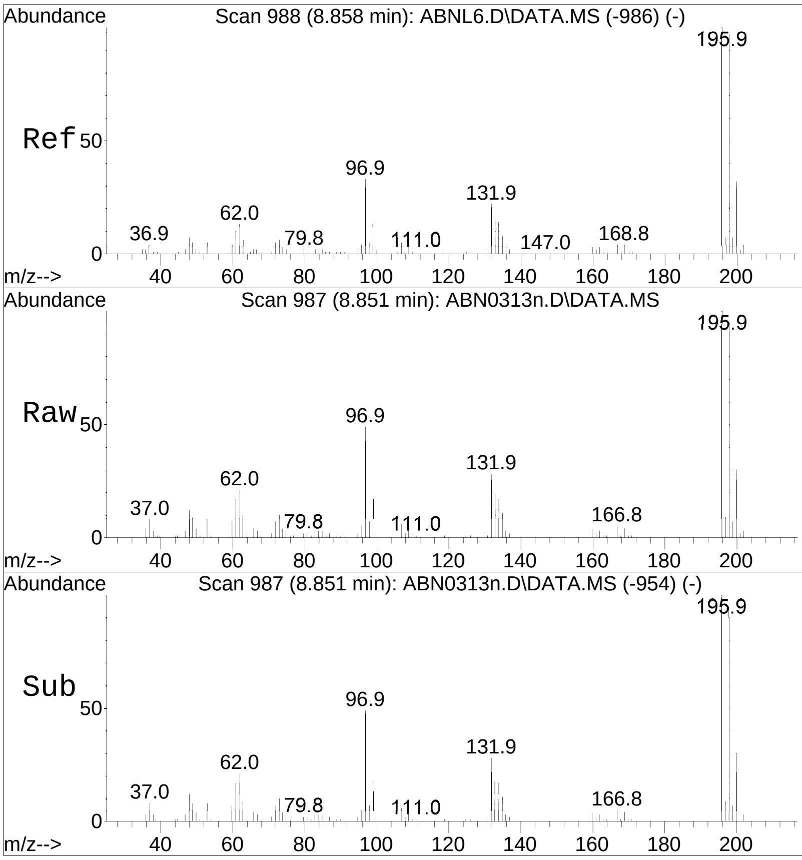




#44
2,4,6-Trichlorophenol
Concen: 4.72 ug/ml
RT: 8.828 min Scan# 984
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:196 Resp: 66569

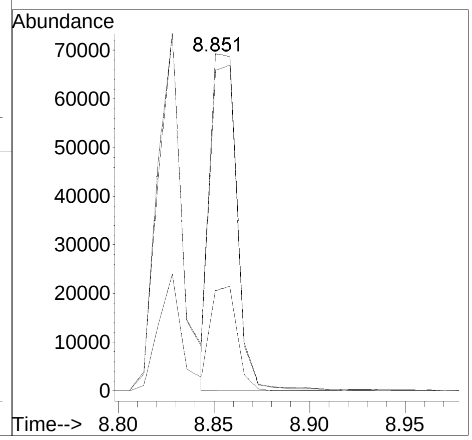
Ion	Ratio	Lower	Upper
196	100		
198	97.7	77.5	116.3
200	30.8	23.8	35.6

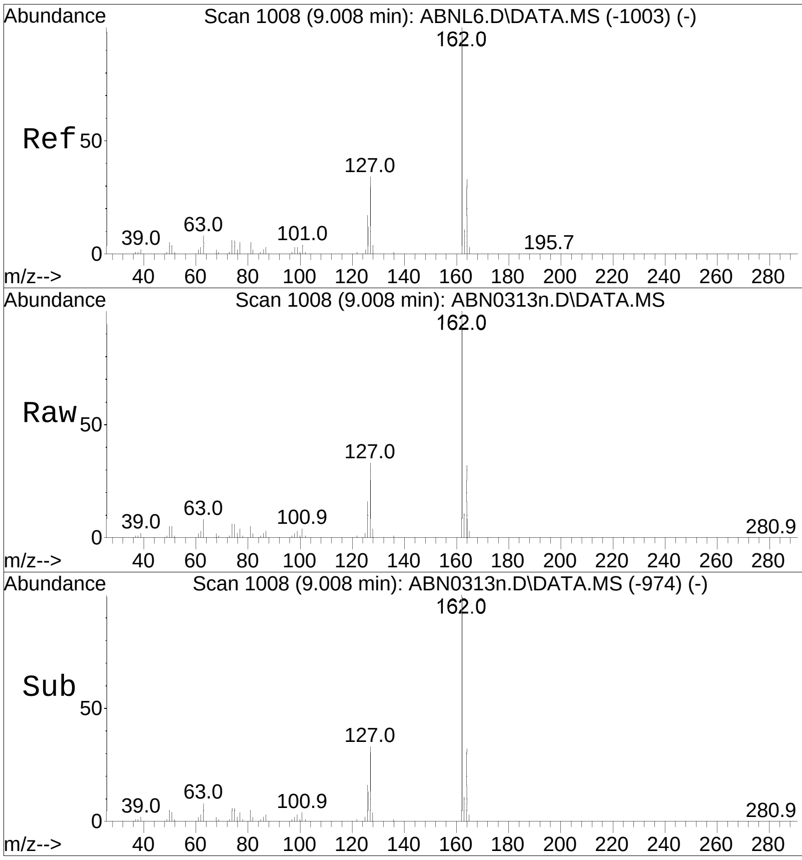


#45
2,4,5-Trichlorophenol
Concen: 4.76 ug/ml
RT: 8.851 min Scan# 987
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:196 Resp: 68063

Ion	Ratio	Lower	Upper
196	100		
200	30.2	25.4	38.0
198	95.3	78.0	117.0

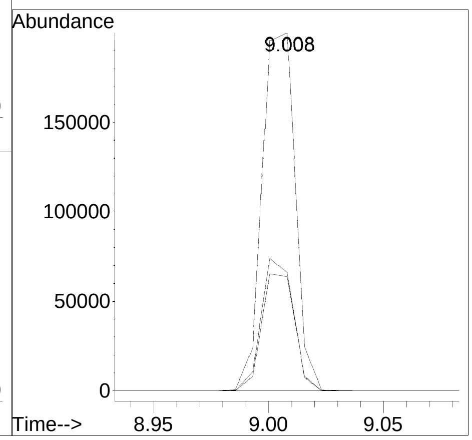


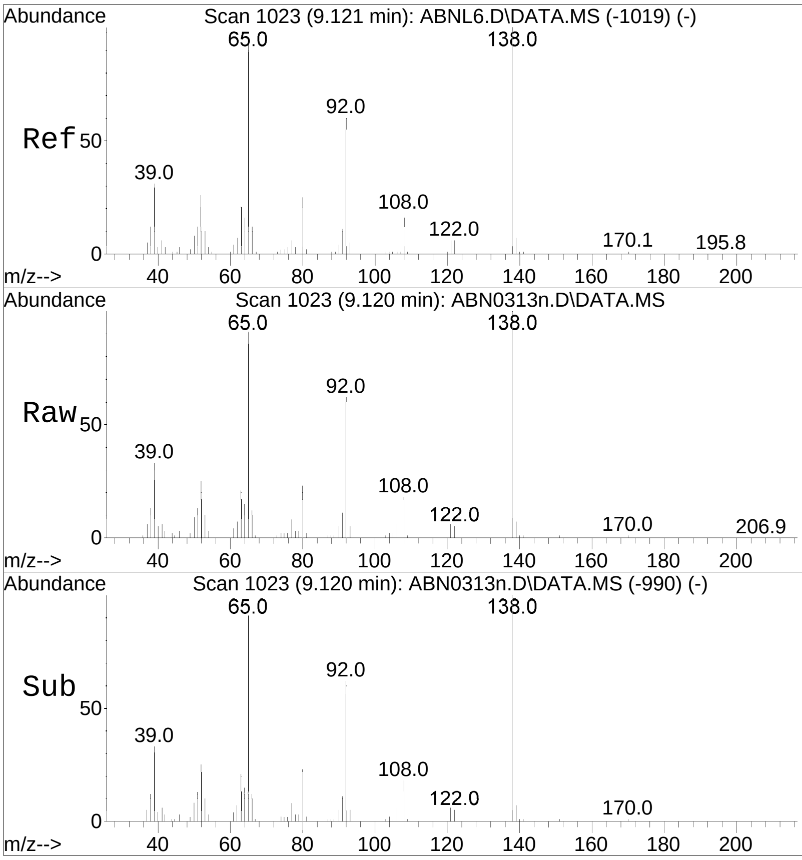


#47
2-Chloronaphthalene
Concen: 4.72 ug/ml
RT: 9.008 min Scan# 1008
Delta R.T. 0.008 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:162 Resp: 200345

Ion	Ratio	Lower	Upper
162	100		
127	35.6	32.2	48.4
164	32.7	25.7	38.5

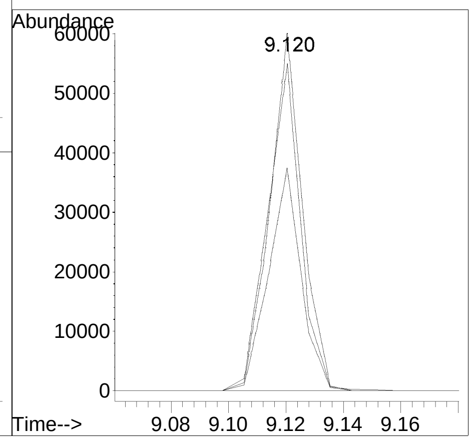


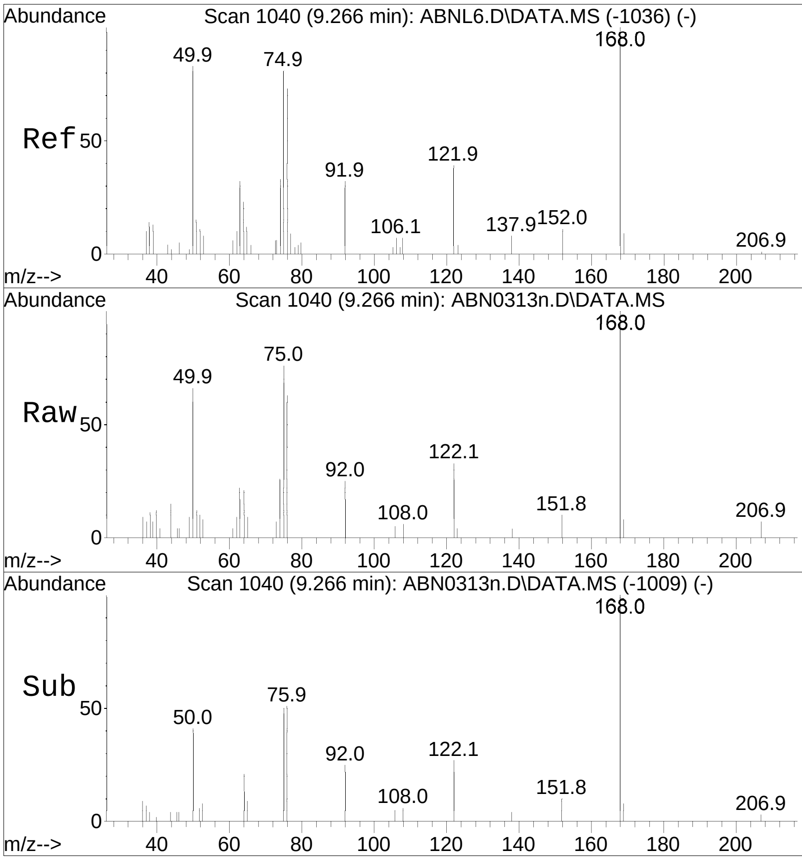


#48
2-Nitroaniline
Concen: 5.05 ug/ml
RT: 9.120 min Scan# 1023
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:138 Resp: 47145

Ion	Ratio	Lower	Upper
138	100		
92	62.5	53.5	80.3
65	92.5	86.3	129.5

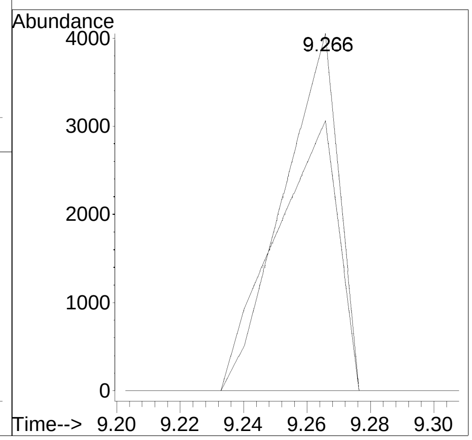


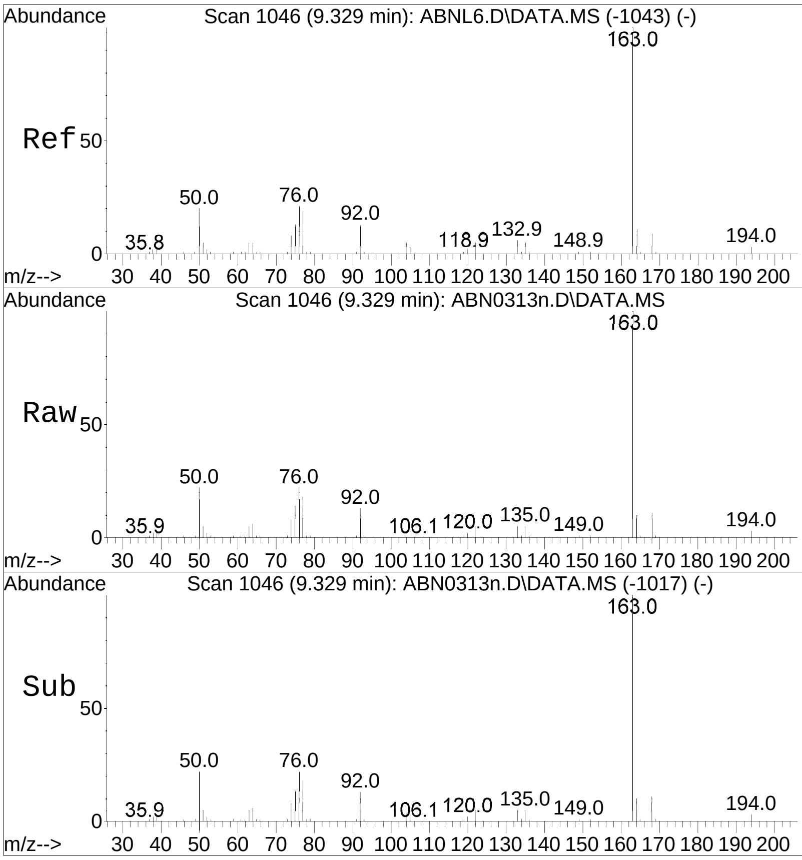


#49
1,4-Dinitrobenzene
Concen: 4.24 ug/ml M3
RT: 9.266 min Scan# 1040
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:168 Resp: 3500

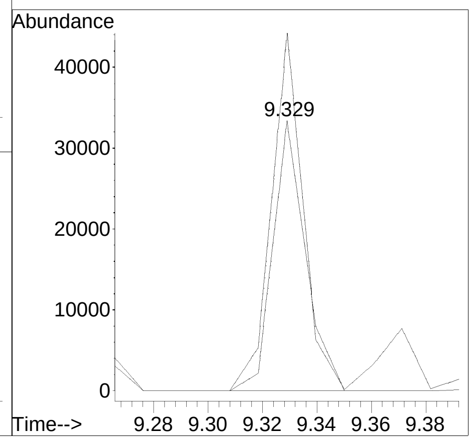
Ion	Ratio	Lower	Upper
168	100		
75	1011.9	121.8	182.8#

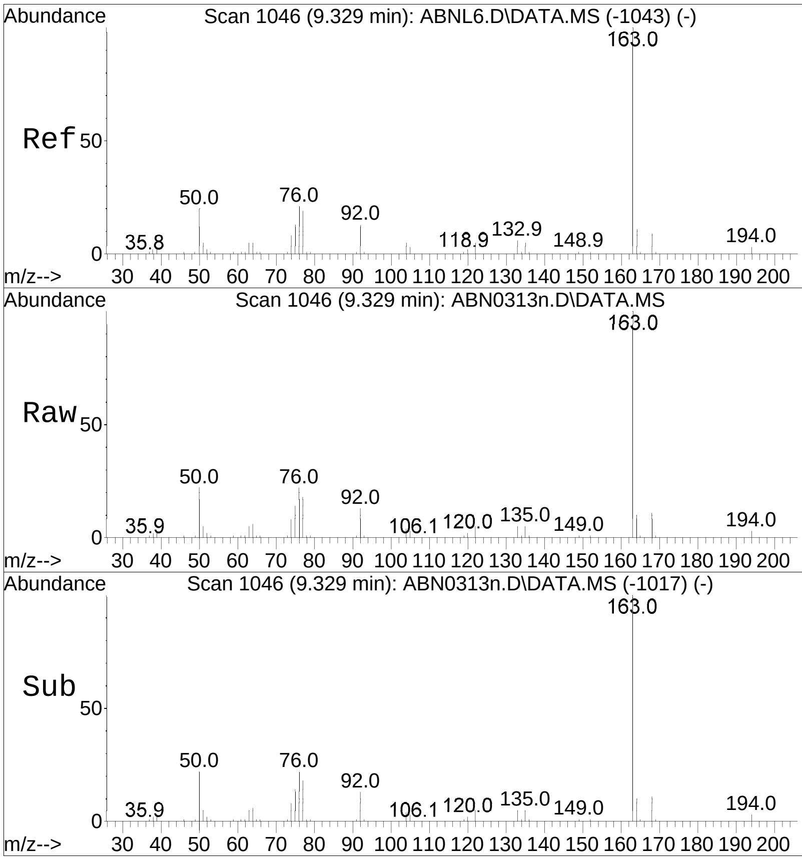




#50
1,3-Dinitrobenzene
Concen: 4.70 ug/ml
RT: 9.329 min Scan# 1046
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt	Ion:168	Resp:	27519
Ion	Ratio	Lower	Upper
168	100		
75	128.7	22.7	34.1#

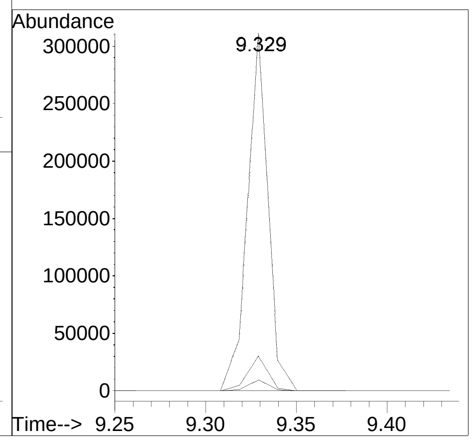


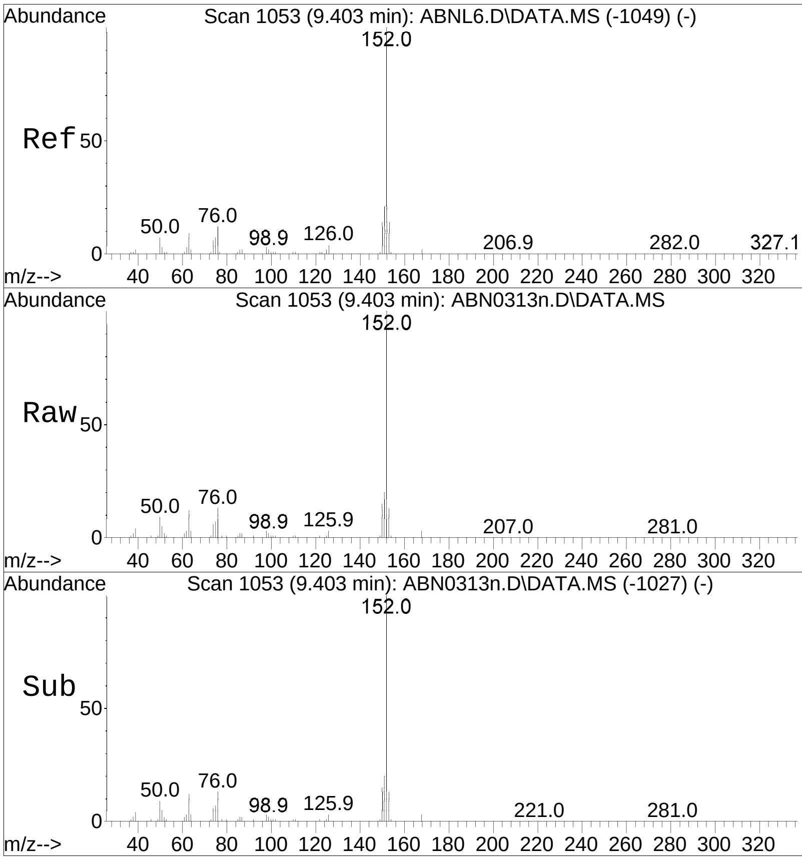


#51
Dimethyl phthalate
Concen: 4.75 ug/ml
RT: 9.329 min Scan# 1046
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:163 Resp: 242207

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.5	5.3#
164	9.7	7.9	11.9

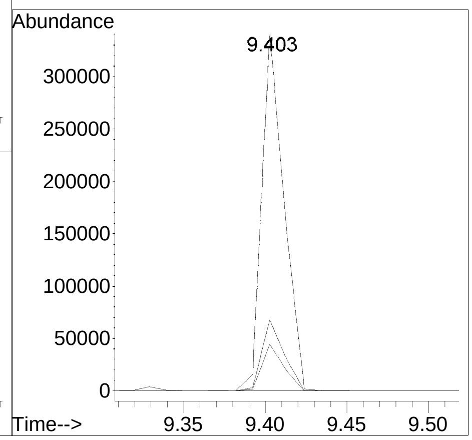


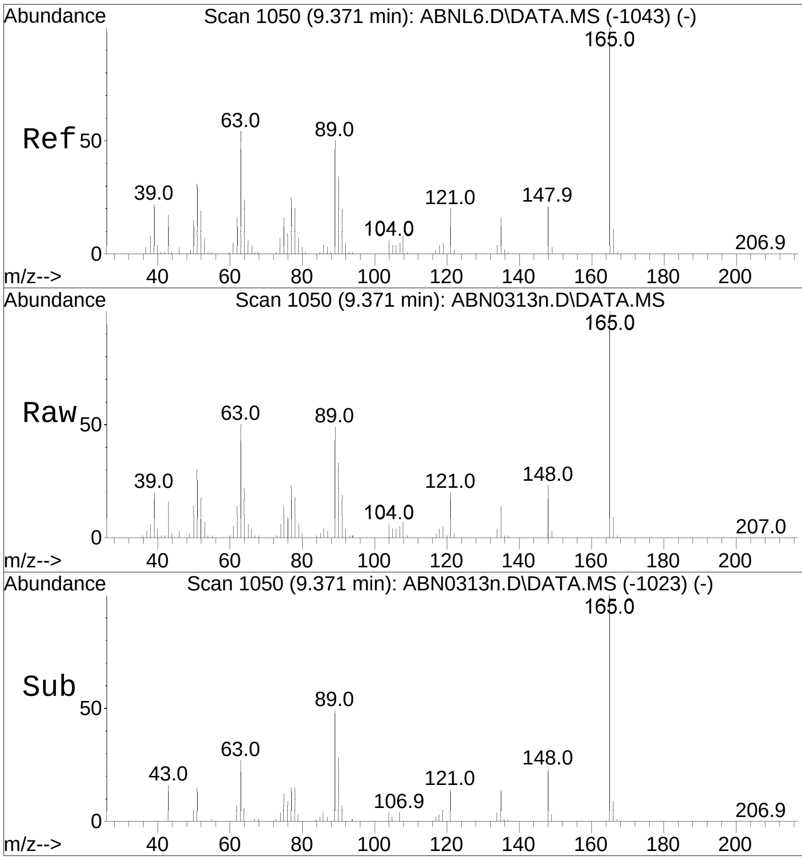


#52
Acenaphthylene
Concen: 4.73 ug/ml
RT: 9.403 min Scan# 1053
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:152 Resp: 319471

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	12.8	10.5	15.7

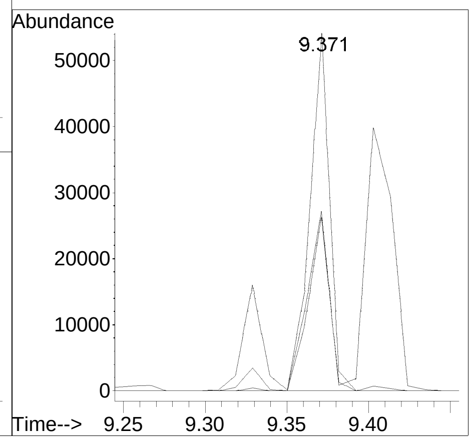


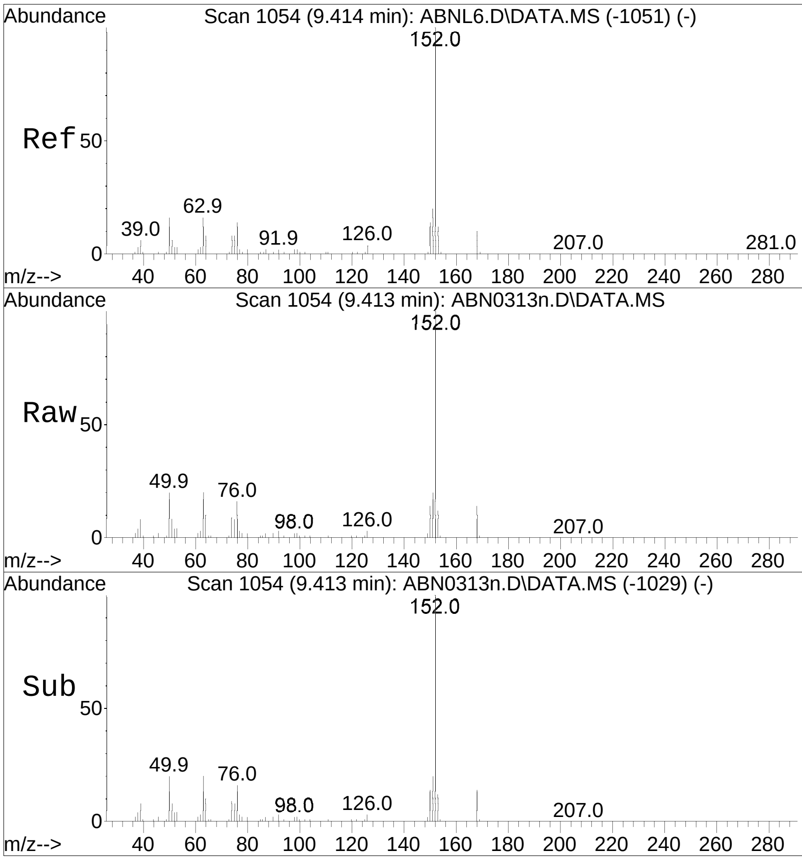


#53
2,6-Dinitrotoluene
Concen: 5.67 ug/ml
RT: 9.371 min Scan# 1050
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:165 Resp: 48043

Ion	Ratio	Lower	Upper
165	100		
89	50.9	54.2	81.2#
63	52.3	64.2	96.2#

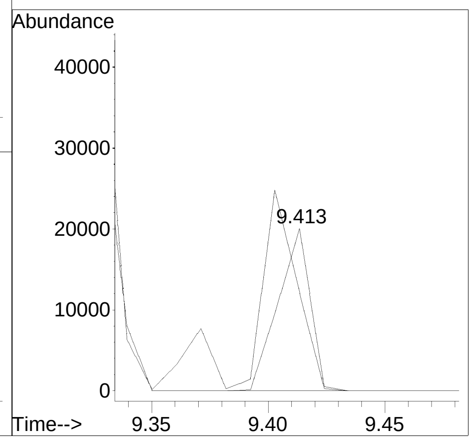


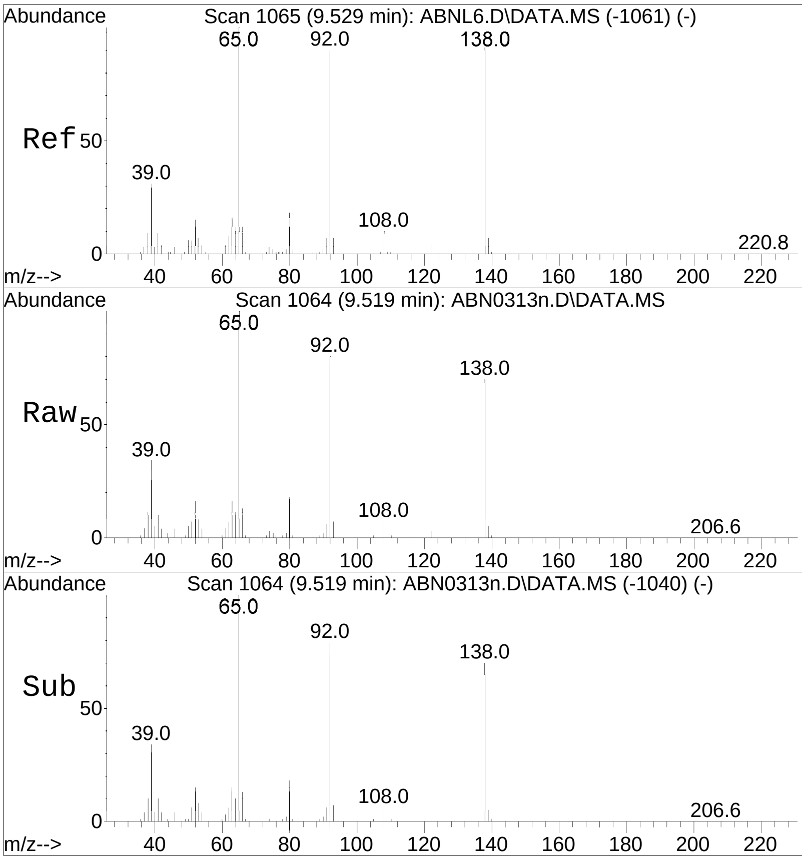


#54
1,2-Dinitrobenzene
Concen: 5.40 ug/ml
RT: 9.413 min Scan# 1054
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:168 Resp: 19146

Ion	Ratio	Lower	Upper
168	100		
75	165.0	30.9	46.3#

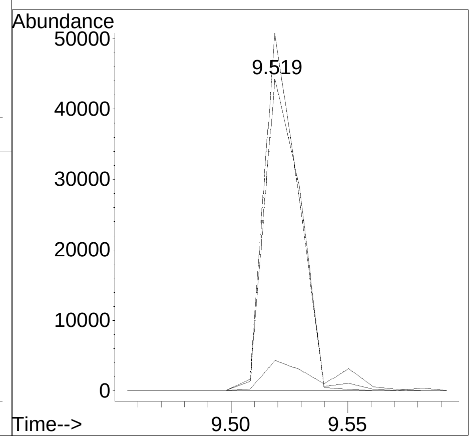


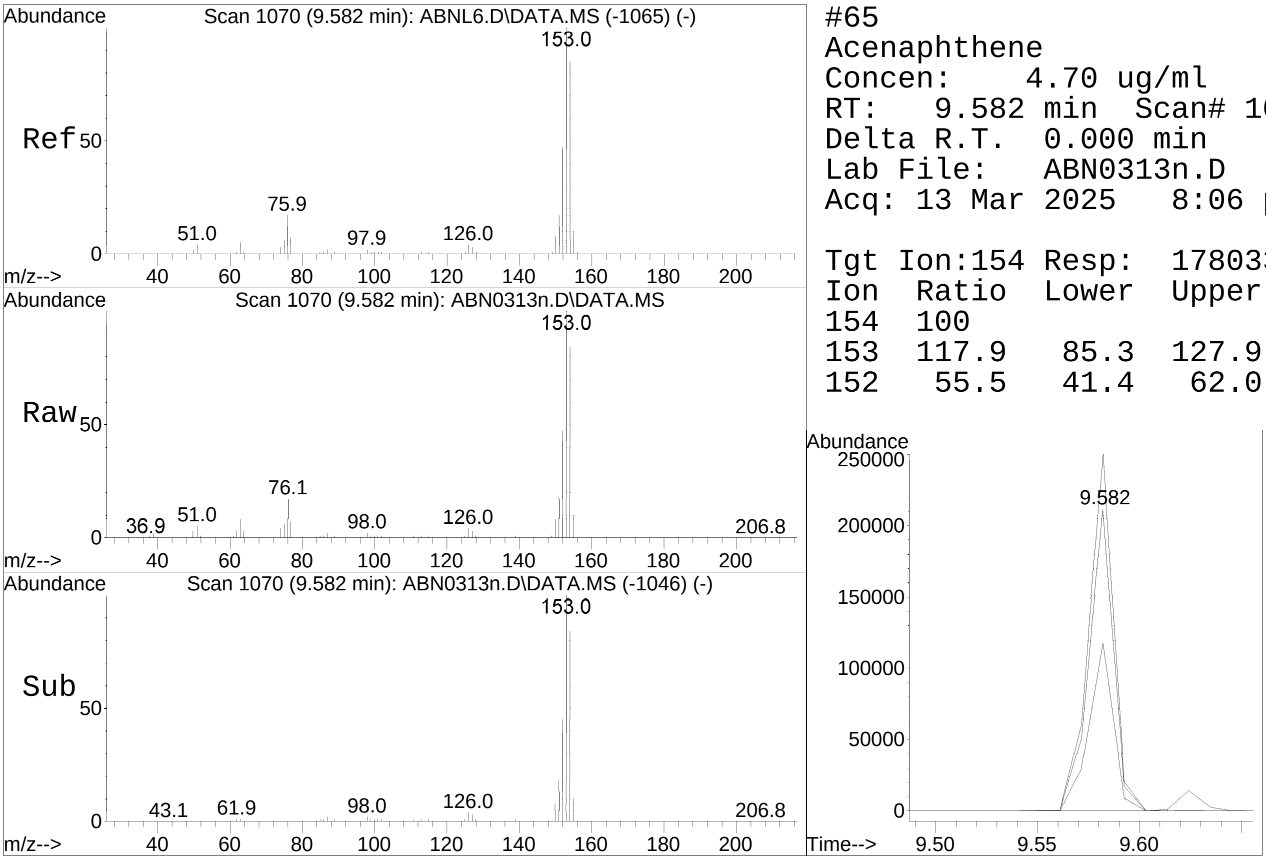


#64
3-Nitroaniline
Concen: 5.47 ug/ml
RT: 9.519 min Scan# 1064
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:138 Resp: 47477

Ion	Ratio	Lower	Upper
138	100		
92	108.3	93.4	140.2
108	16.4	9.5	14.3#

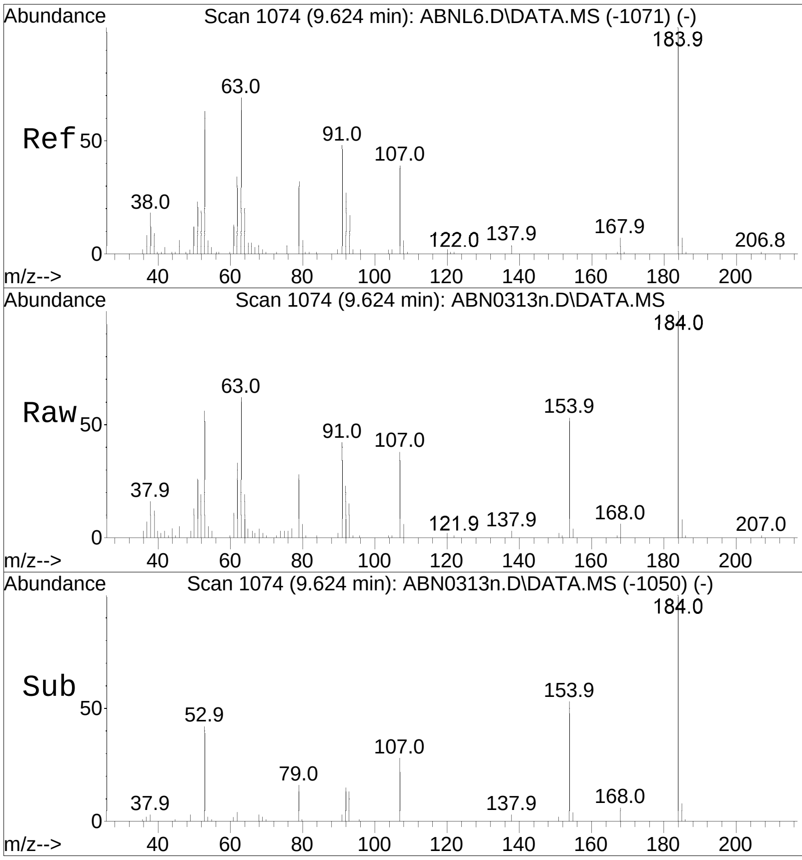




#65
Acenaphthene
Concen: 4.70 ug/ml
RT: 9.582 min Scan# 1070
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:154 Resp: 178033

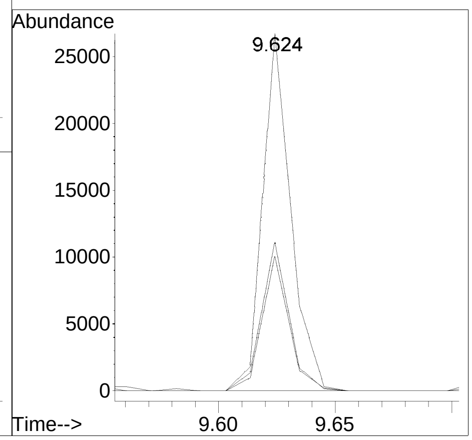
Ion	Ratio	Lower	Upper
154	100		
153	117.9	85.3	127.9
152	55.5	41.4	62.0

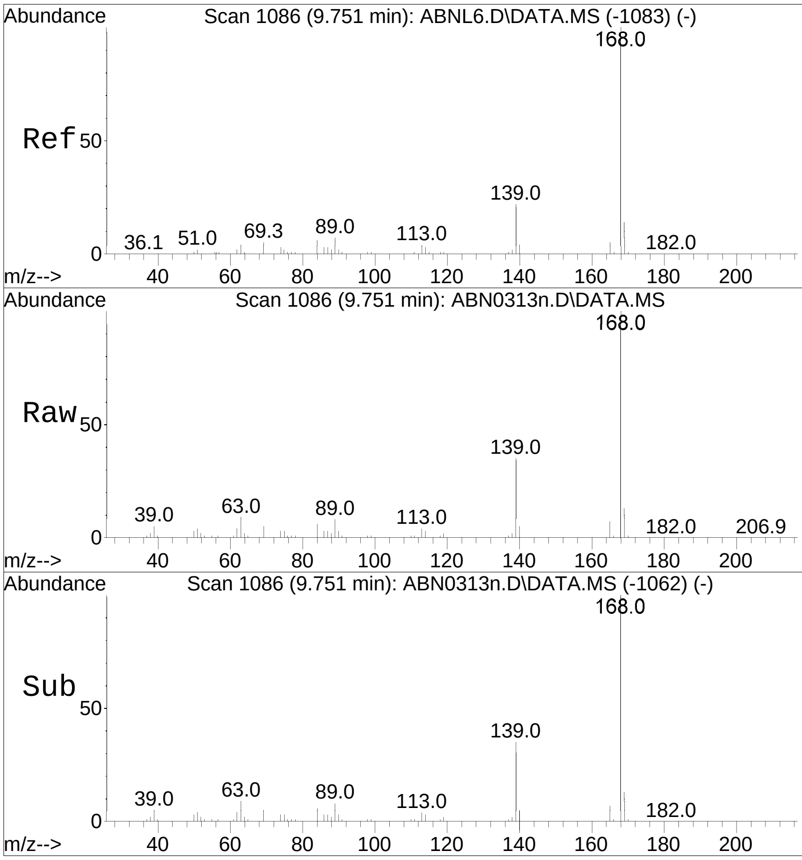


#66
2,4-Dinitrophenol
Concen: 4.97 ug/ml
RT: 9.624 min Scan# 1074
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:184 Resp: 22248

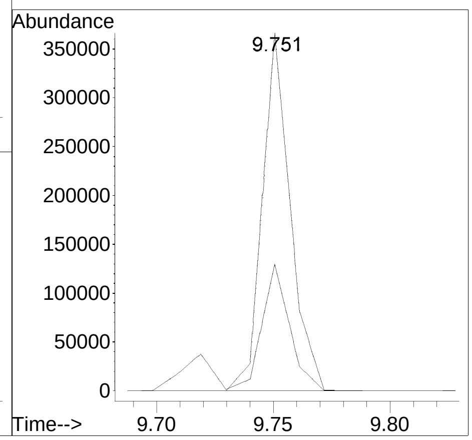
Ion	Ratio	Lower	Upper
184	100		
107	36.3	37.7	56.5#
91	40.7	46.3	69.5#

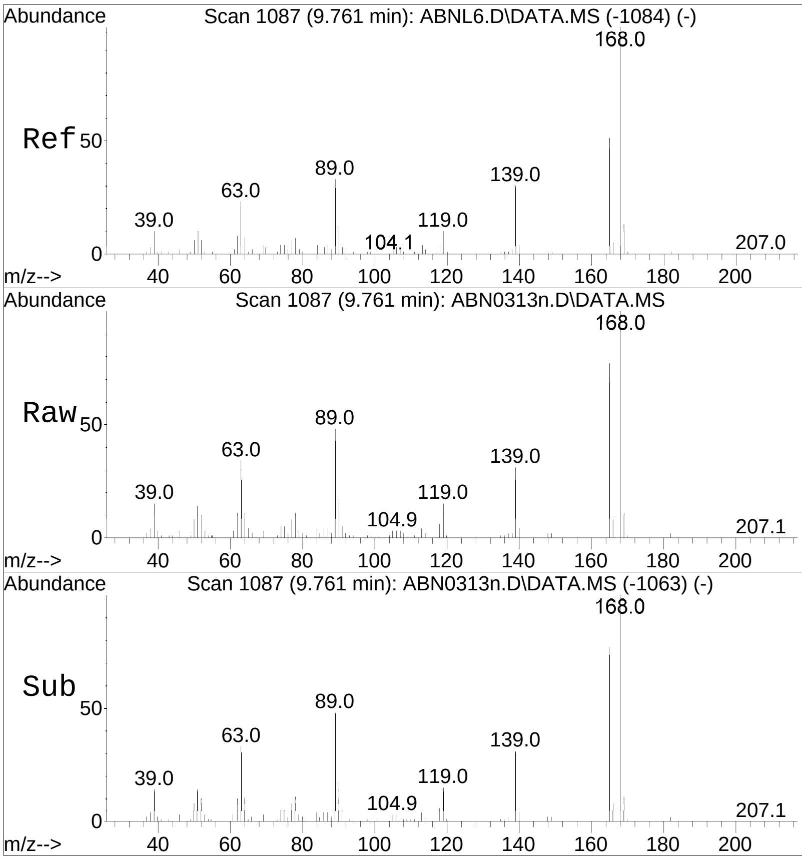




#67
Dibenzofuran
Concen: 4.58 ug/ml
RT: 9.751 min Scan# 1086
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:168	Resp:	301130	
Ion	Ratio	Lower	Upper
168	100		
139	53.3	31.4	47.2#

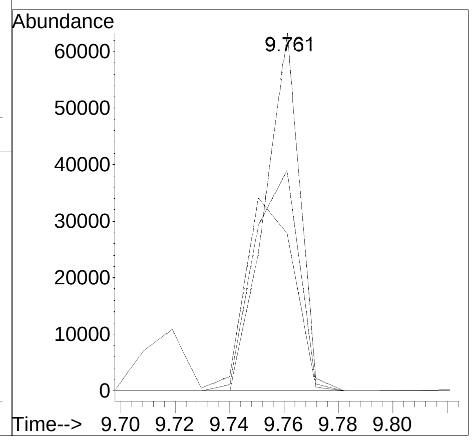


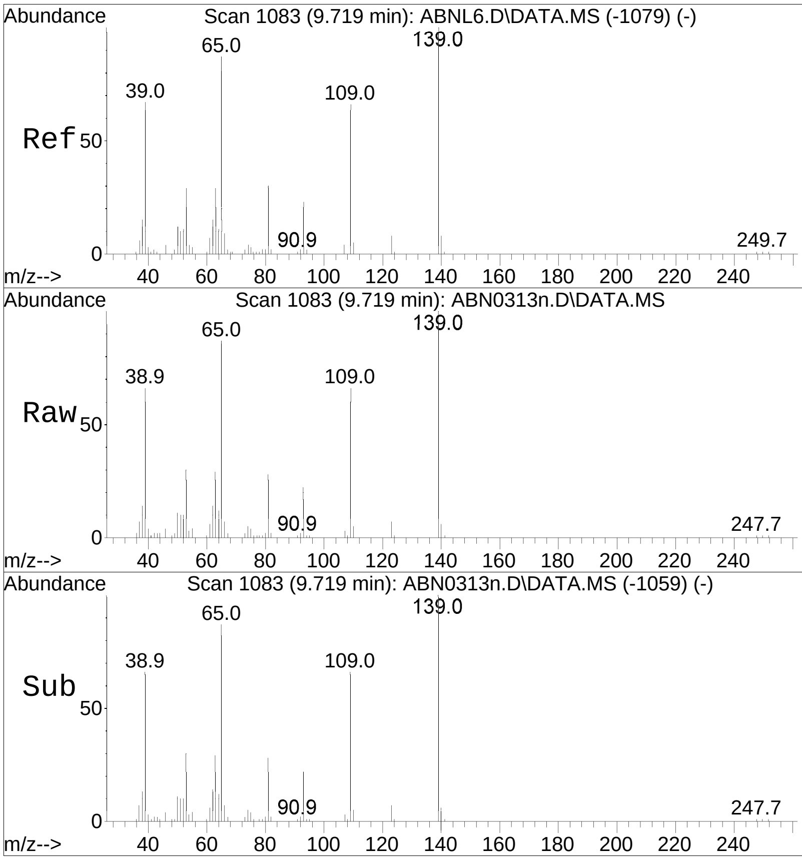


#68
2,4-Dinitrotoluene
Concen: 4.75 ug/ml
RT: 9.761 min Scan# 1087
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:165 Resp: 56636

Ion	Ratio	Lower	Upper
165	100		
89	78.8	72.0	108.0
63	93.6	52.7	79.1#

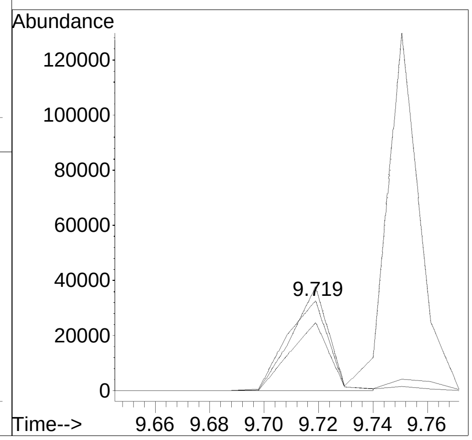


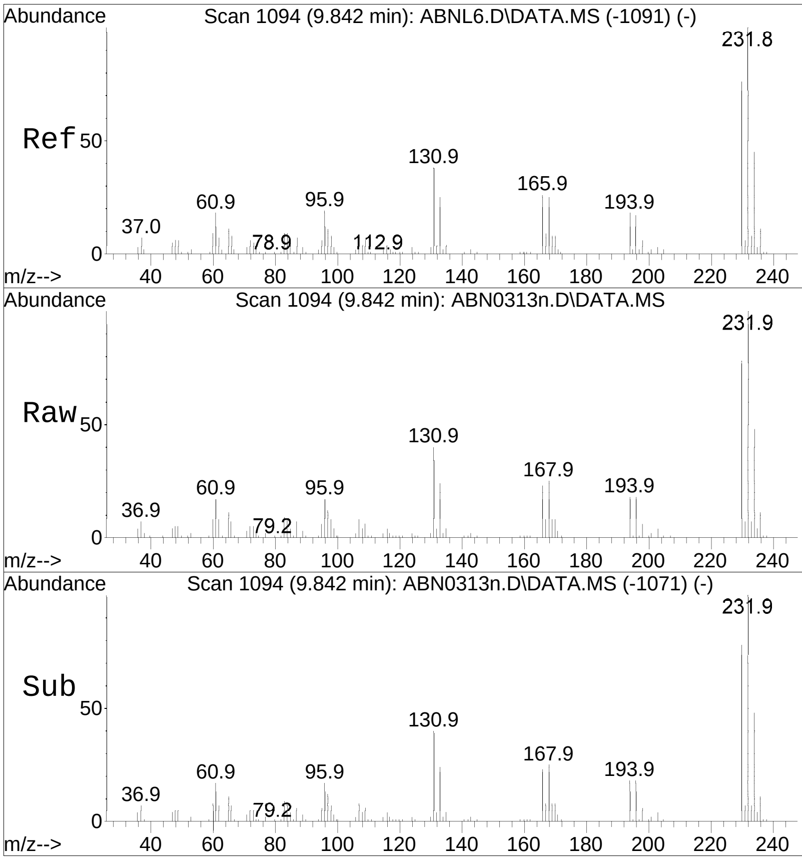


#69
4-Nitrophenol
Concen: 5.28 ug/ml
RT: 9.719 min Scan# 1083
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion: 65 Resp: 34959

Ion	Ratio	Lower	Upper
65	100		
109	75.0	47.4	71.2#
139	0.0	76.6	115.0#

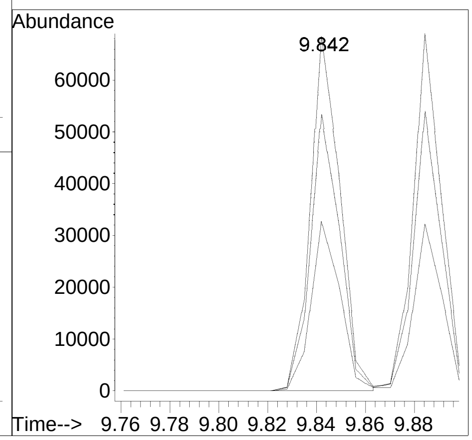


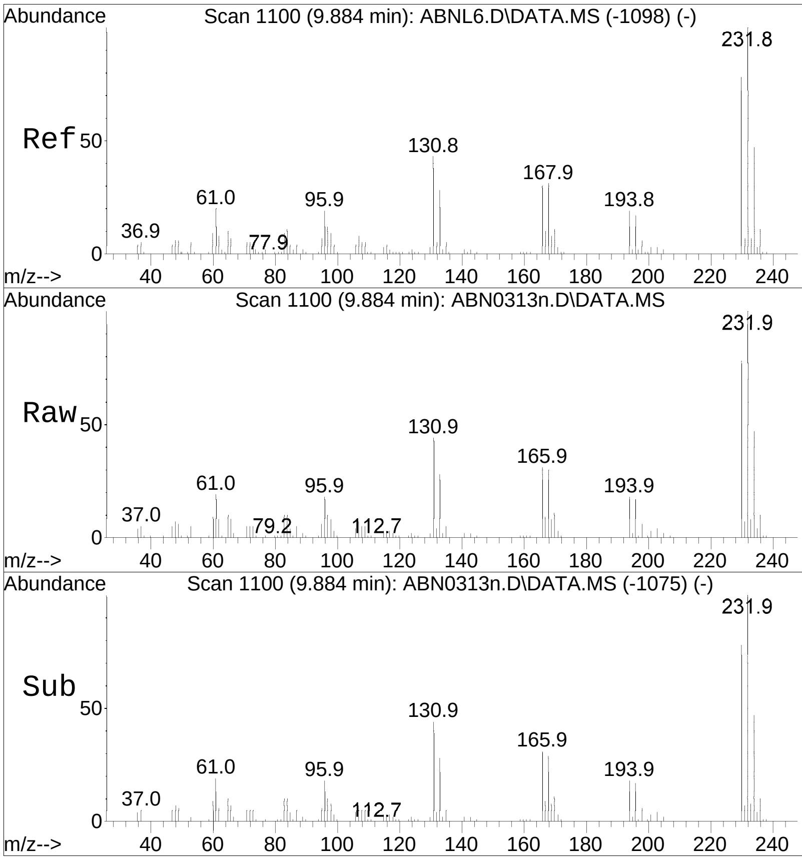


#70
2,3,5,6-Tetrachlorophenol
Concen: 6.53 ug/ml
RT: 9.842 min Scan# 1094
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:232 Resp: 82048

Ion	Ratio	Lower	Upper
232	100		
230	77.5	64.2	96.4
234	45.9	38.1	57.1

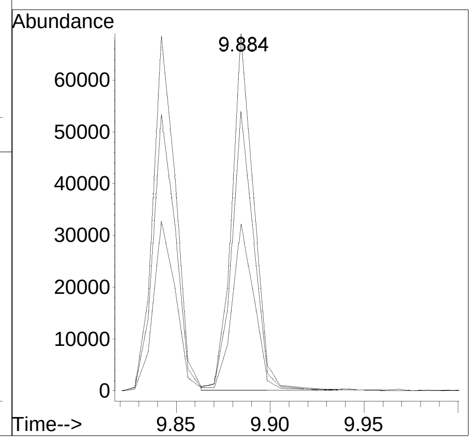


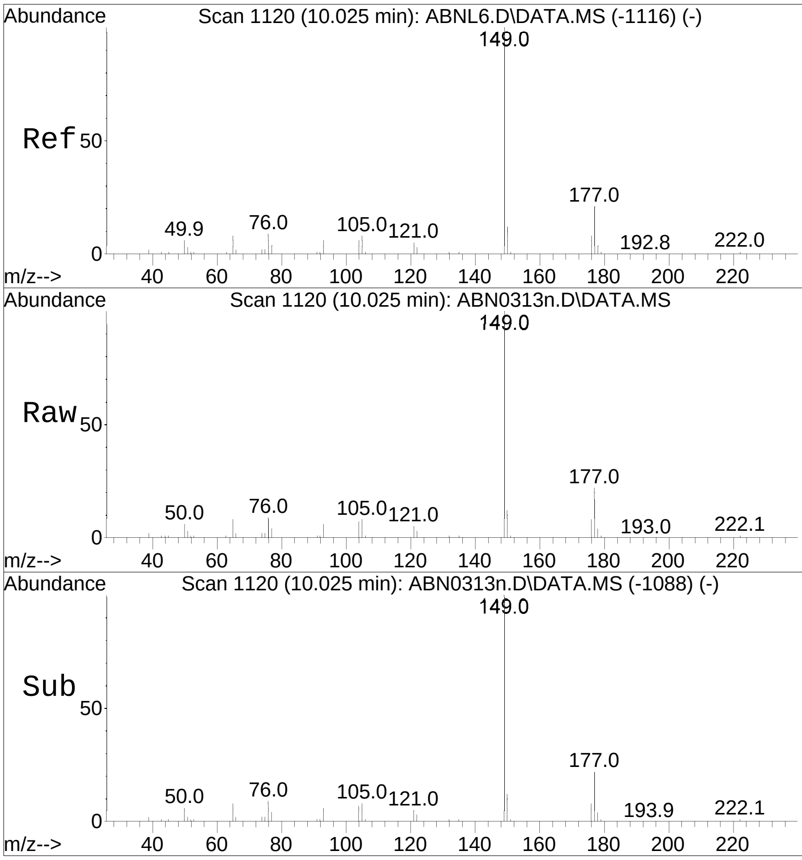


#71
2,3,4,6-Tetrachlorophenol
Concen: 4.75 ug/ml
RT: 9.884 min Scan# 1100
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:232 Resp: 56240

Ion	Ratio	Lower	Upper
232	100		
230	79.5	61.8	92.8
234	47.9	36.2	54.2

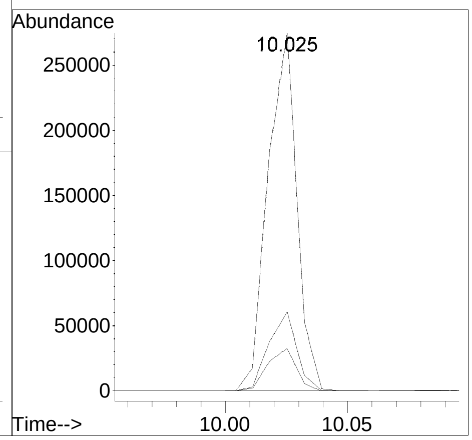


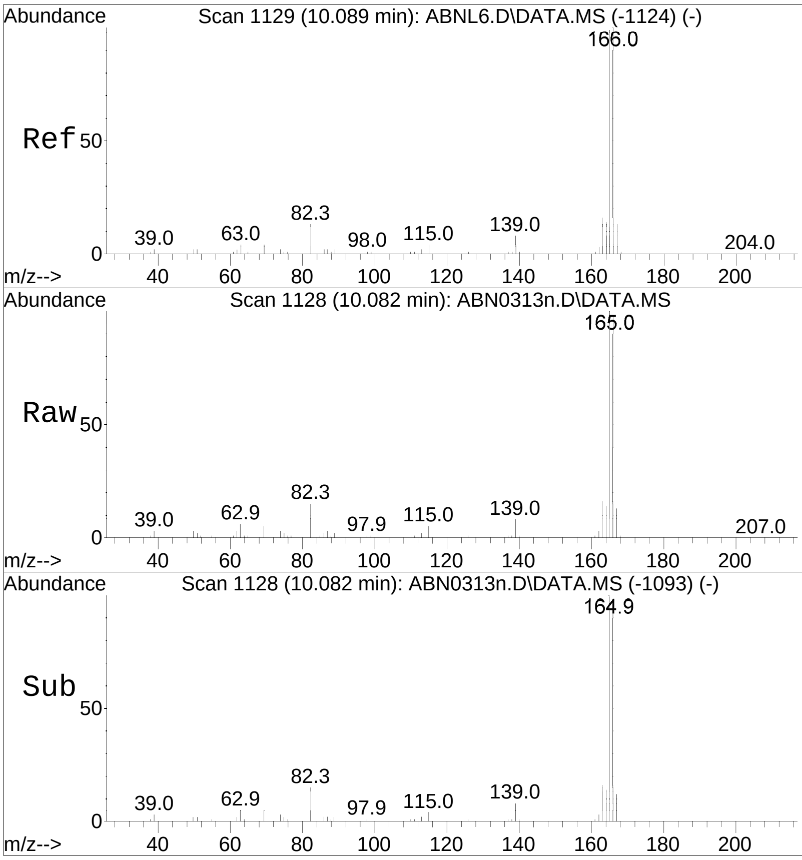


#72
Diethyl phthalate
Concen: 4.81 ug/ml
RT: 10.025 min Scan# 1120
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:149 Resp: 224538

Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	11.9	9.4	14.2

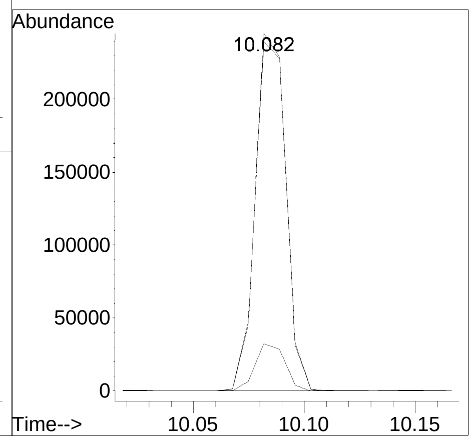


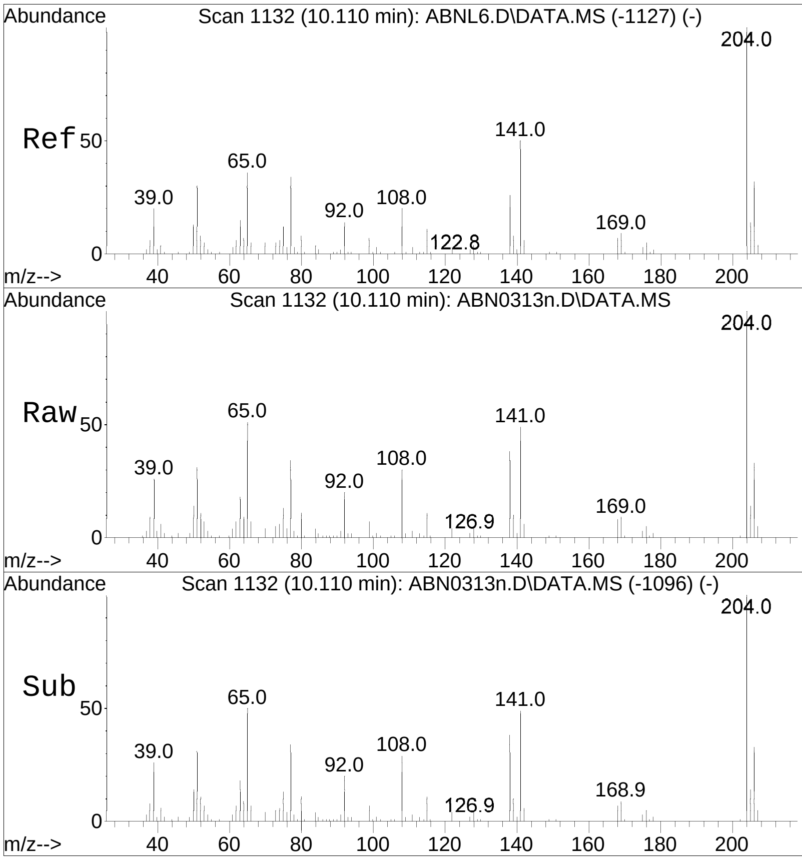


#73
Fluorene
Concen: 4.79 ug/ml
RT: 10.082 min Scan# 1128
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:166 Resp: 232131

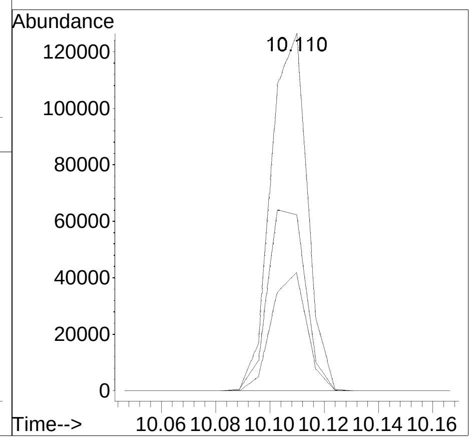
Ion	Ratio	Lower	Upper
166	100		
165	101.1	76.2	114.2
167	13.1	10.6	15.8

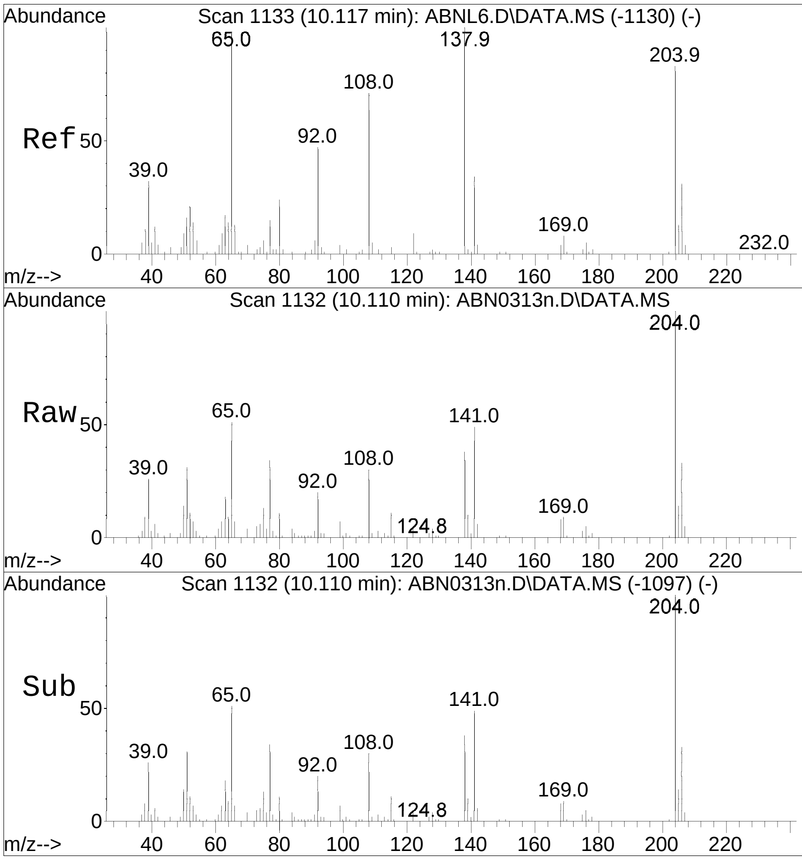




#74
4-Chlorophenyl phenyl ether
Concen: 4.64 ug/ml
RT: 10.110 min Scan# 1132
Delta R.T. 0.007 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt	Ion:204	Resp:	117704
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.6
141	53.2	53.6	80.4#

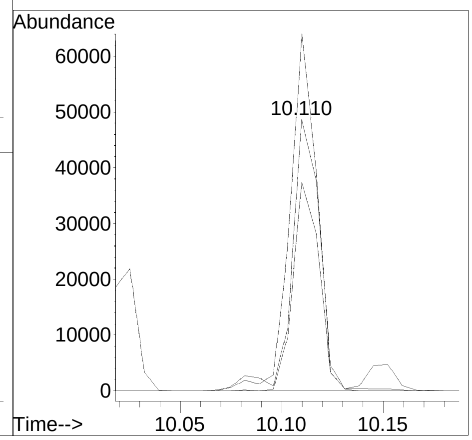


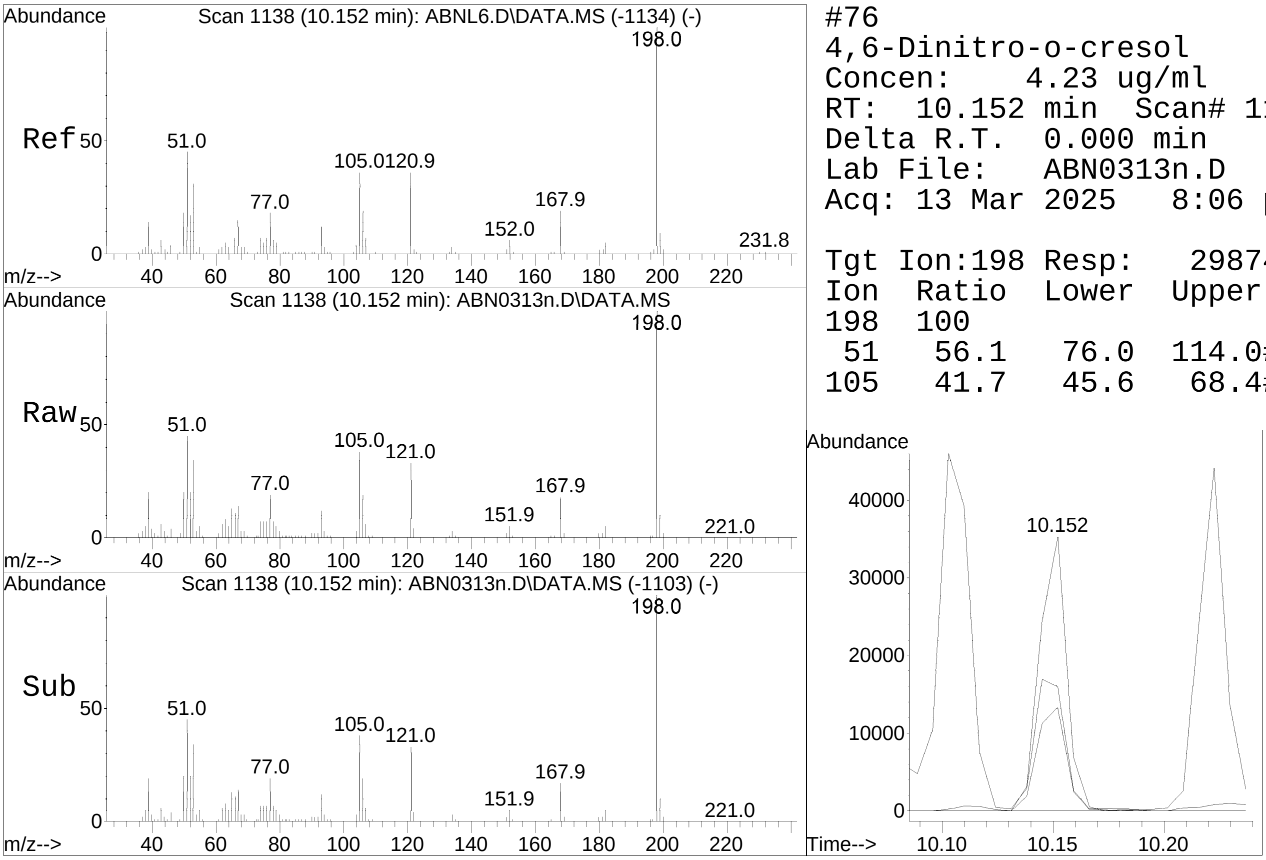


#75
4-Nitroaniline
Concen: 5.48 ug/ml
RT: 10.110 min Scan# 1132
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:138 Resp: 46239

Ion	Ratio	Lower	Upper
138	100		
108	74.1	52.1	78.1
65	127.3	115.0	172.6

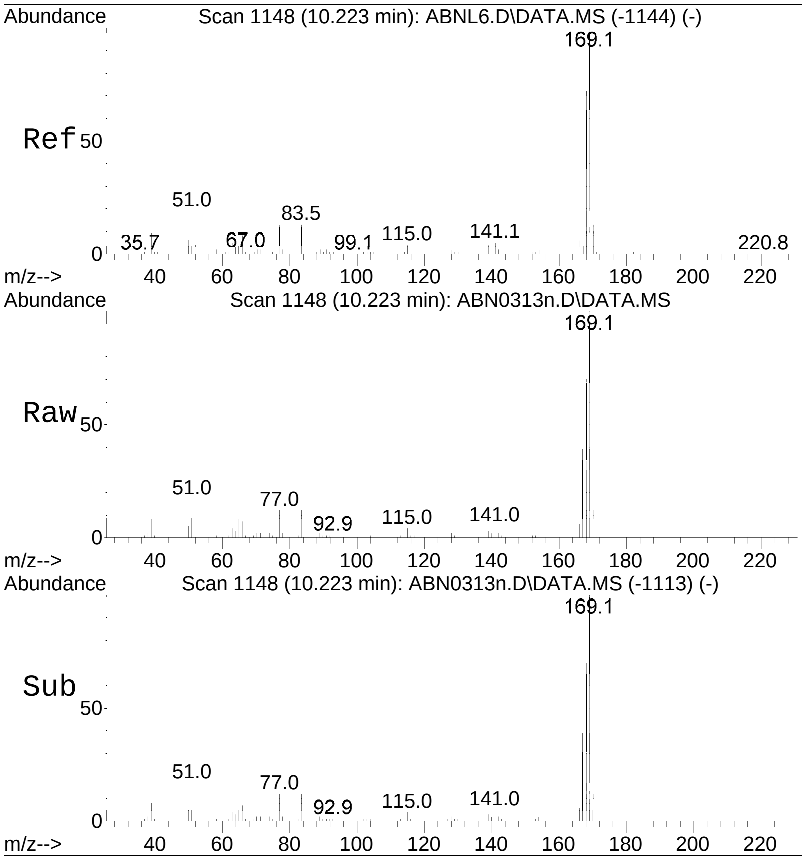




#76
4,6-Dinitro-o-cresol
Concen: 4.23 ug/ml
RT: 10.152 min Scan# 1138
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:198 Resp: 29874

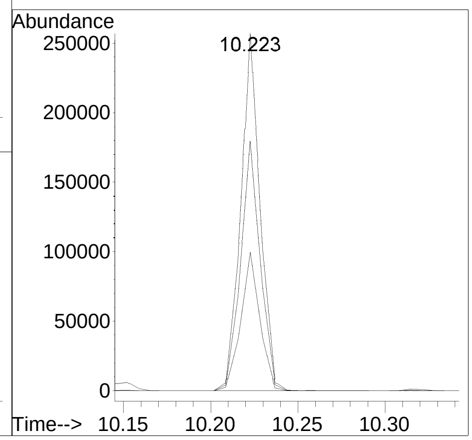
Ion	Ratio	Lower	Upper
198	100		
51	56.1	76.0	114.0#
105	41.7	45.6	68.4#

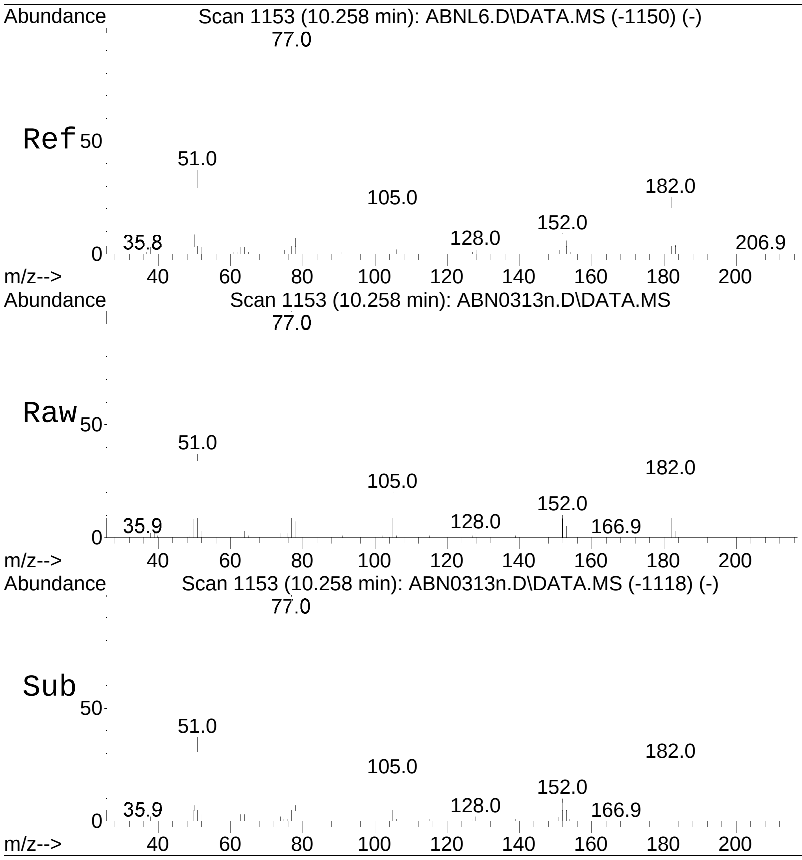


#77
NDPA/DPA
Concen: 4.89 ug/ml
RT: 10.223 min Scan# 1148
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:169 Resp: 197740

Ion	Ratio	Lower	Upper
169	100		
168	70.8	54.0	81.0
167	38.5	28.6	42.8

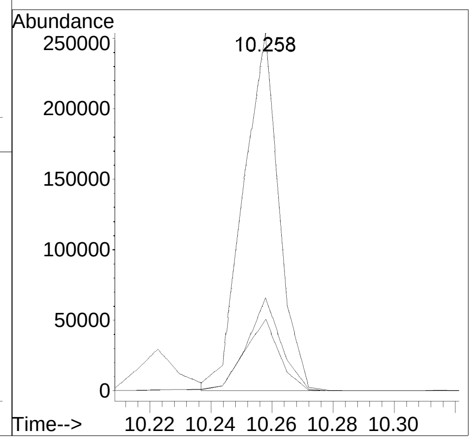


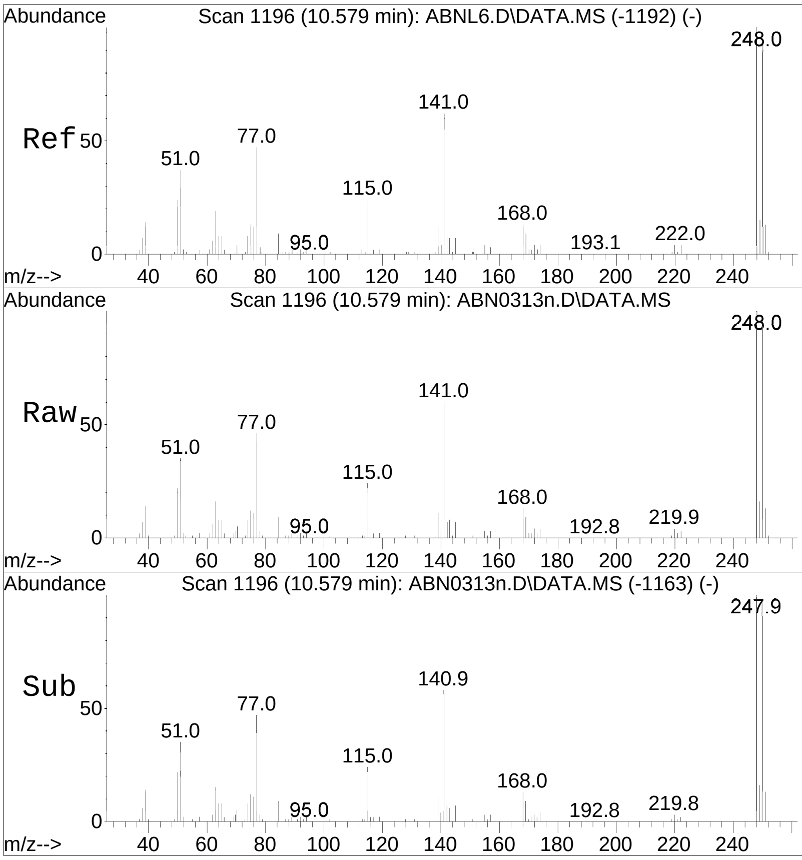


#78
Azobenzene
Concen: 5.29 ug/ml
RT: 10.258 min Scan# 1153
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025   8:06 pm

Tgt Ion: 77 Resp: 204041

Ion	Ratio	Lower	Upper
77	100		
182	25.7	17.4	26.2
105	20.5	15.4	23.2

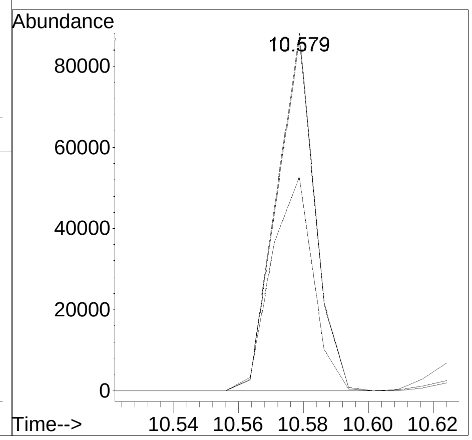


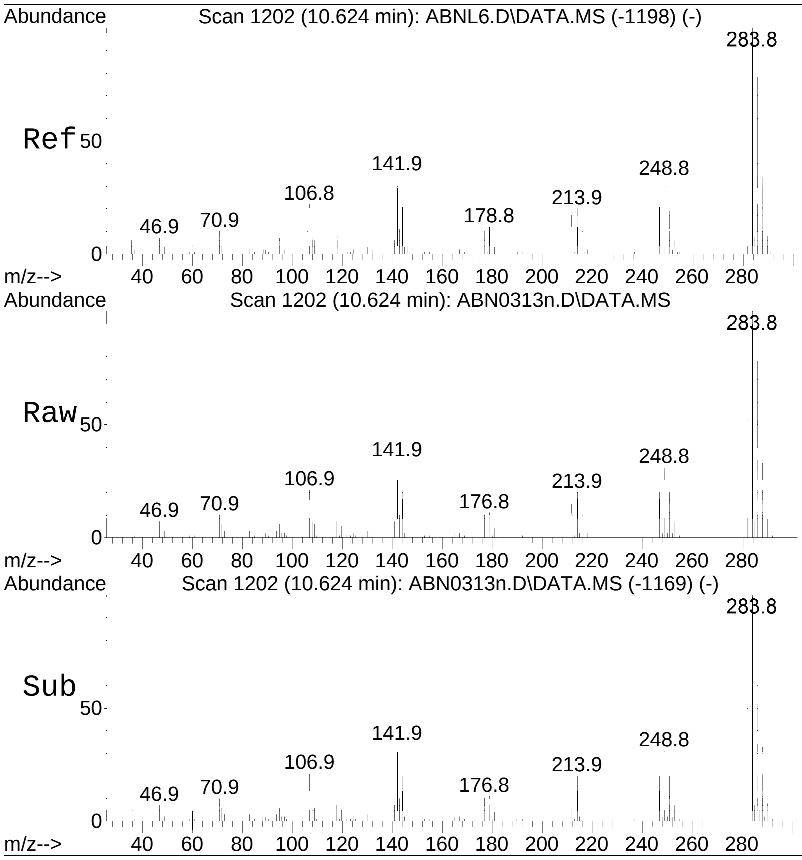


#80
4-Bromophenyl phenyl ether
Concen: 4.53 ug/ml
RT: 10.579 min Scan# 1196
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:248 Resp: 72134

Ion	Ratio	Lower	Upper
248	100		
141	65.1	76.6	114.8#
250	97.8	77.3	115.9

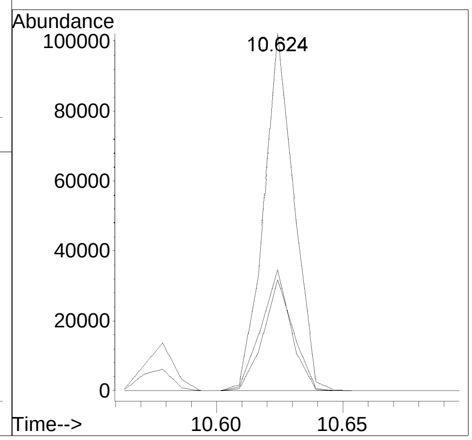


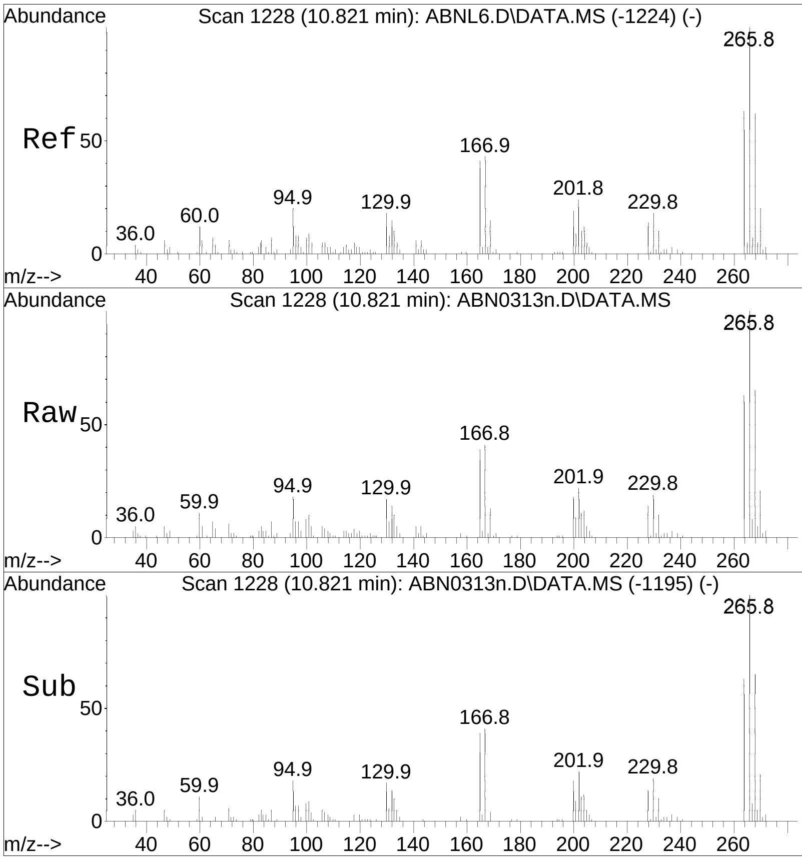


#81
Hexachlorobenzene
Concen: 4.55 ug/ml
RT: 10.624 min Scan# 1202
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:284 Resp: 85024

Ion	Ratio	Lower	Upper
284	100		
142	33.5	41.9	62.9#
249	31.1	24.1	36.1

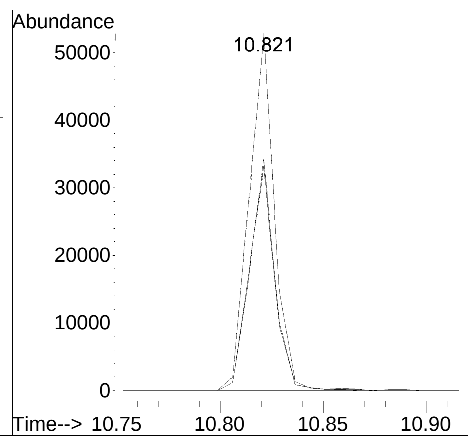


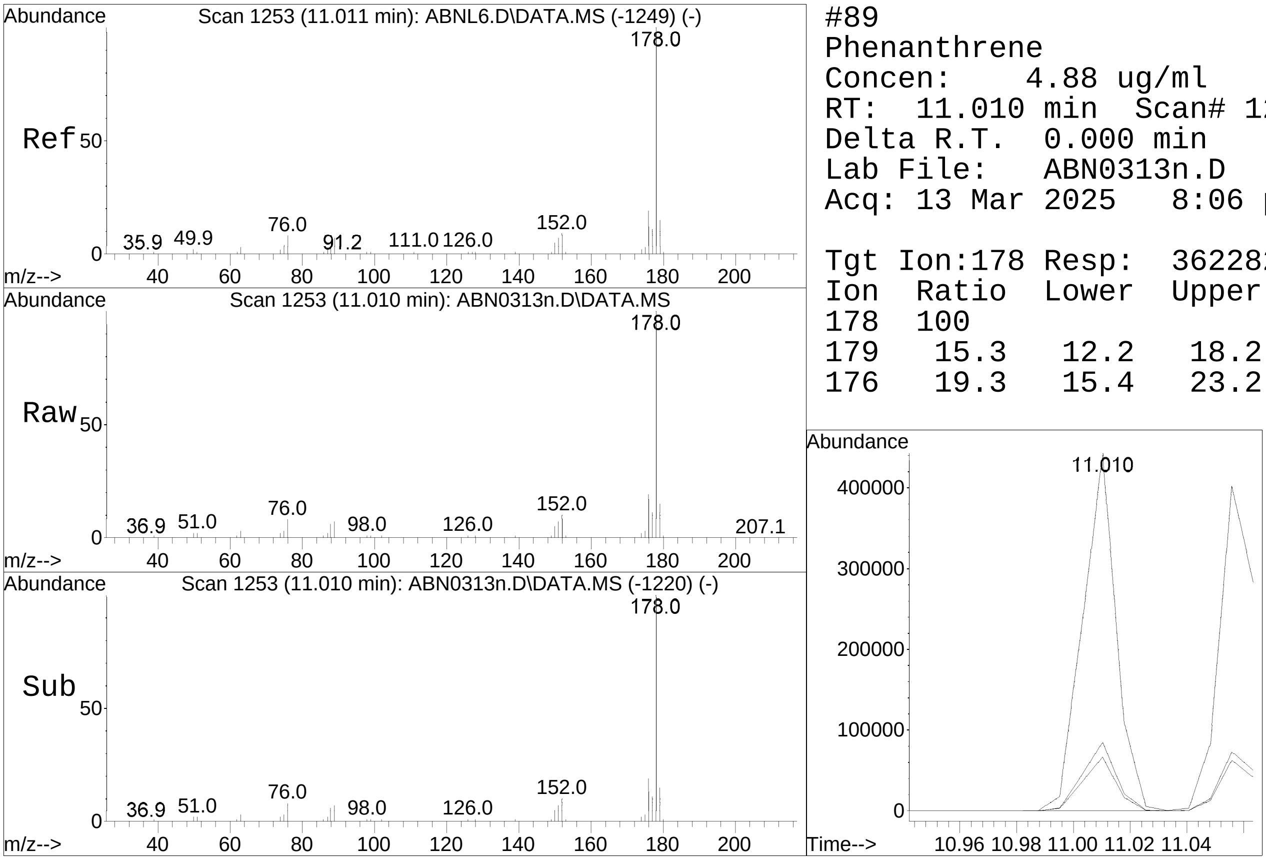


#82
Pentachlorophenol
Concen: 4.60 ug/ml
RT: 10.821 min Scan# 1228
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:266 Resp: 44712

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.7	74.5
268	64.2	50.5	75.7

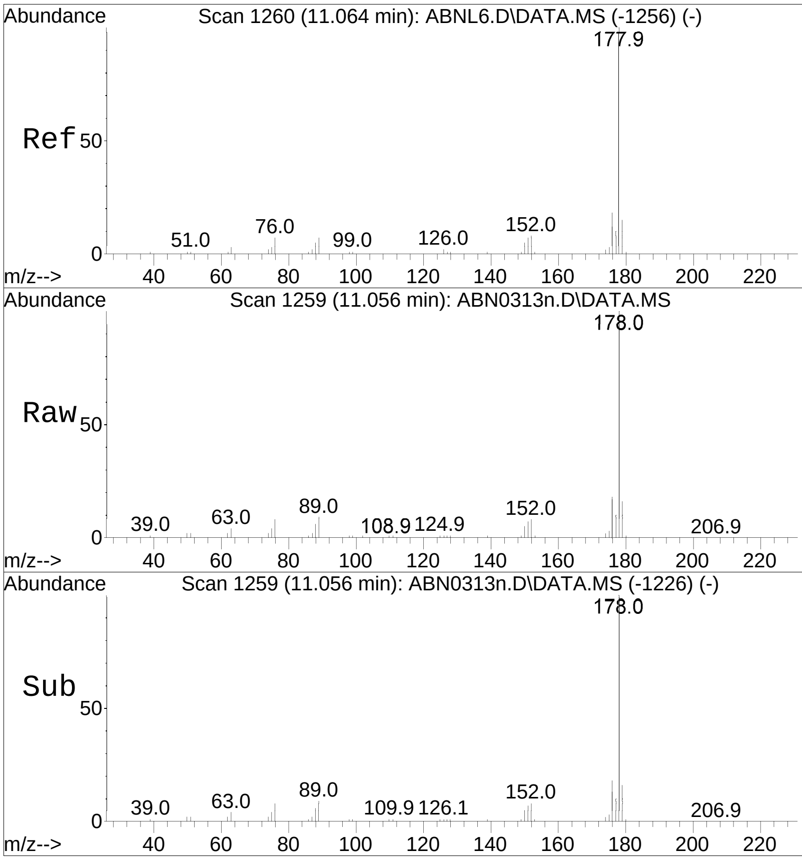




#89
Phenanthrene
Concen: 4.88 ug/ml
RT: 11.010 min Scan# 1253
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:178 Resp: 362282

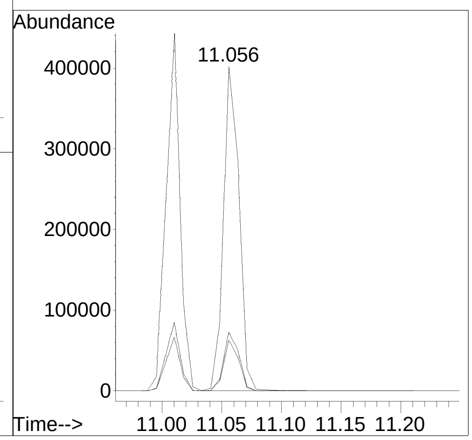
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.3	15.4	23.2

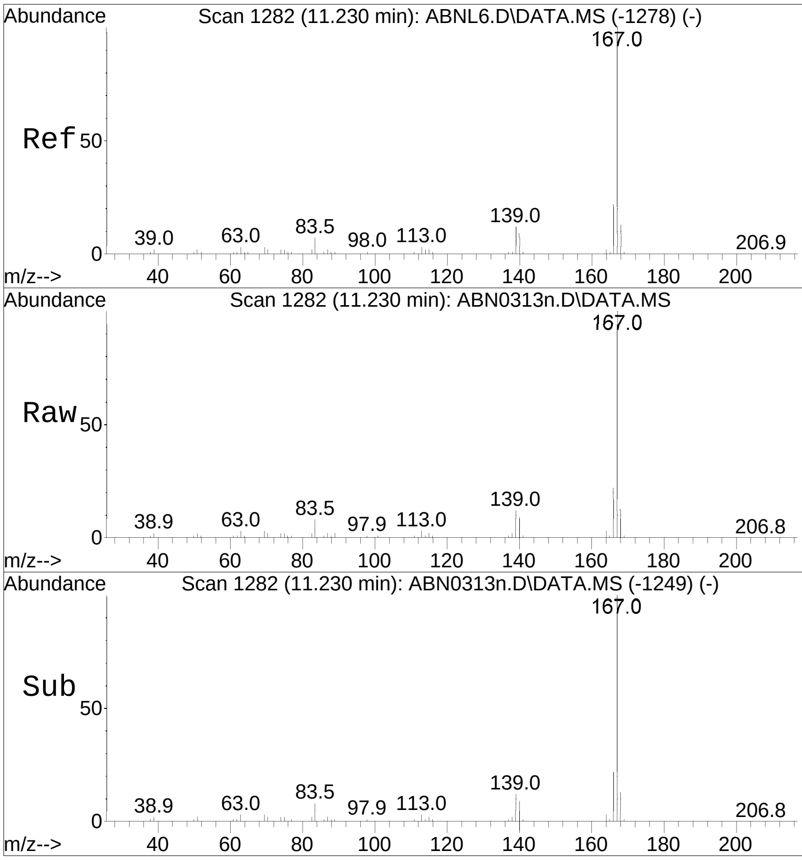


#90
Anthracene
Concen: 5.06 ug/ml
RT: 11.056 min Scan# 1259
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:178 Resp: 366182

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	18.0	14.6	22.0

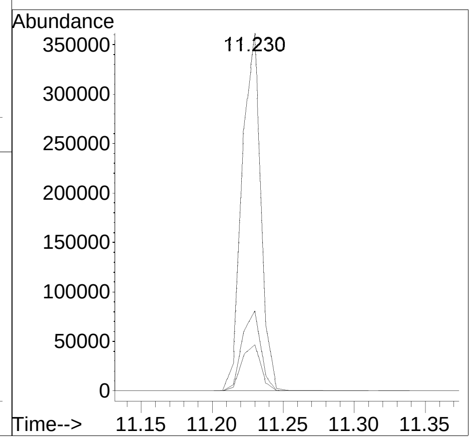


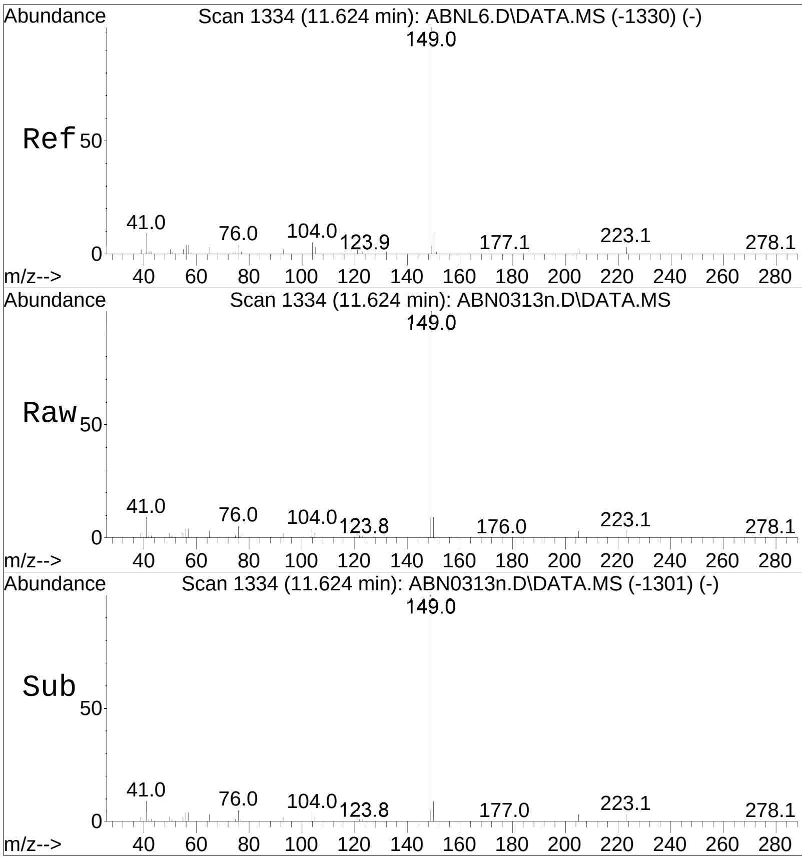


#91
Carbazole
Concen: 5.13 ug/ml
RT: 11.230 min Scan# 1282
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:167 Resp: 331668

Ion	Ratio	Lower	Upper
167	100		
168	13.2	10.6	15.8
166	22.3	17.4	26.0

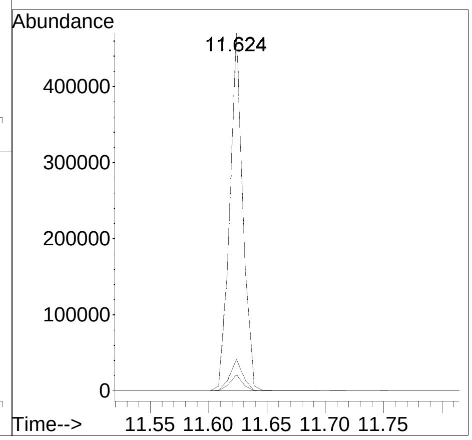


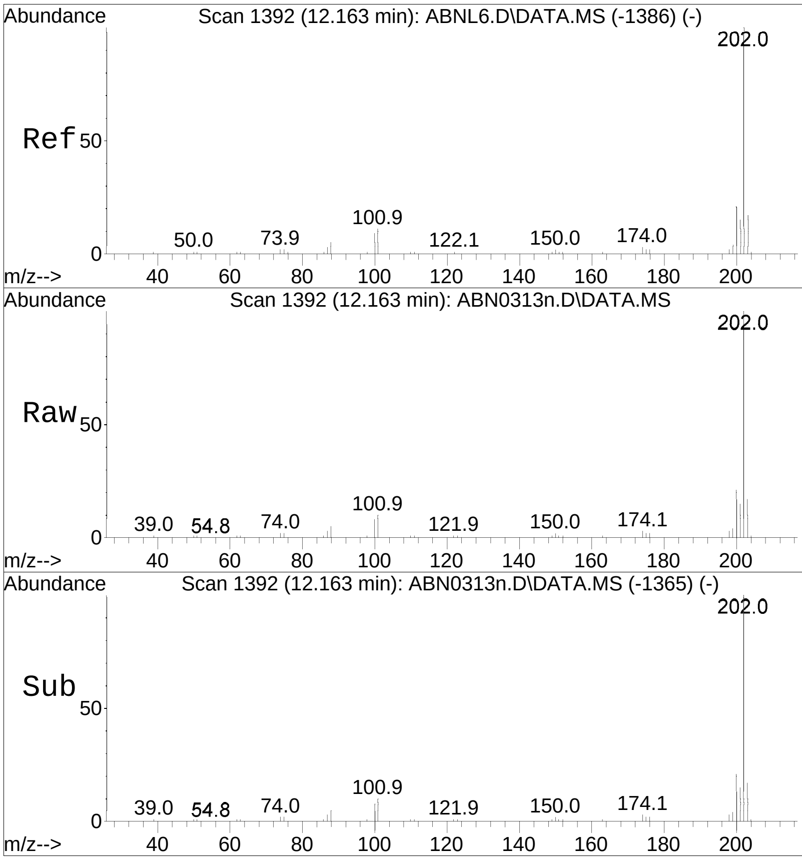


#92
Di-n-butylphthalate
Concen: 5.68 ug/ml
RT: 11.624 min Scan# 1334
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:149 Resp: 414590

Ion	Ratio	Lower	Upper
149	100		
150	7.7	7.0	10.6
104	3.9	4.5	6.7#

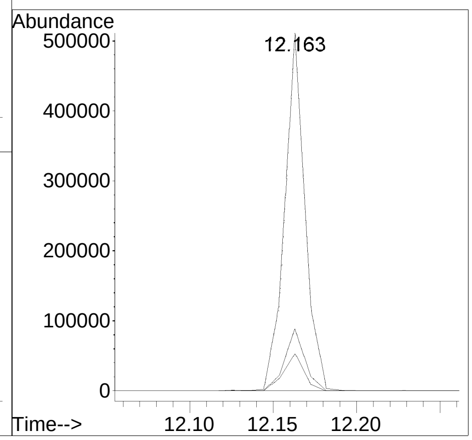


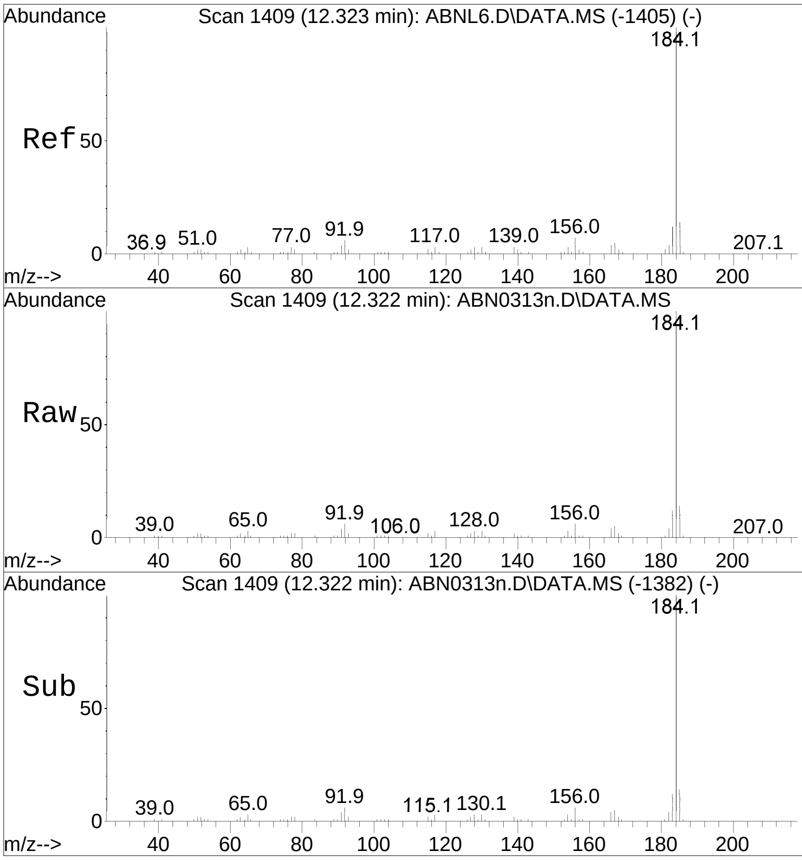


#93
Fluoranthene
Concen: 5.05 ug/ml
RT: 12.163 min Scan# 1392
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:202 Resp: 428566

Ion	Ratio	Lower	Upper
202	100		
101	10.7	13.5	20.3#
203	17.6	13.6	20.4

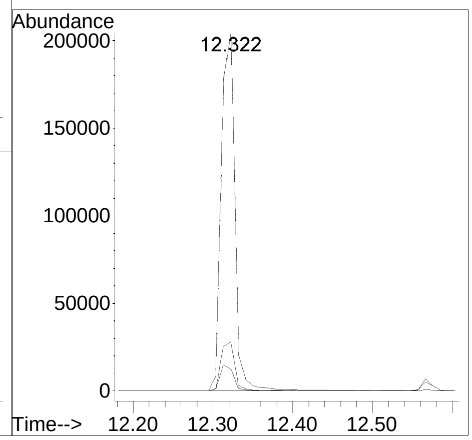


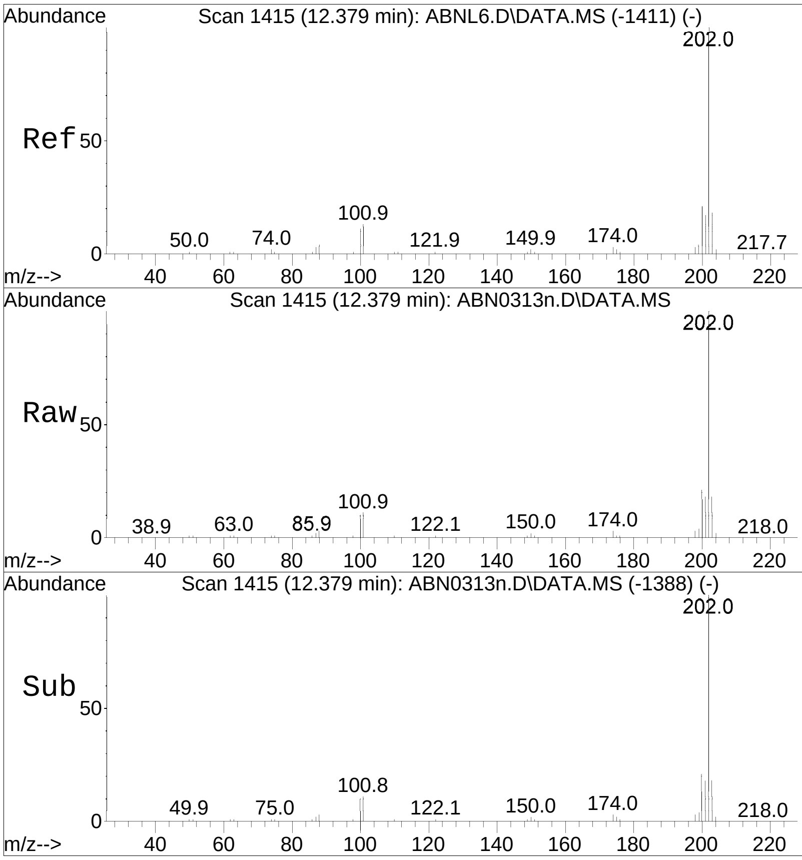


#94
Benzidine
Concen: 5.25 ug/ml
RT: 12.322 min Scan# 1409
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:184 Resp: 241384

Ion	Ratio	Lower	Upper
184	100		
92	7.1	9.1	13.7#
185	14.1	11.1	16.7

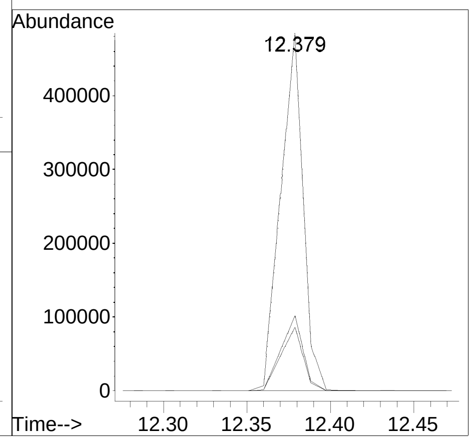


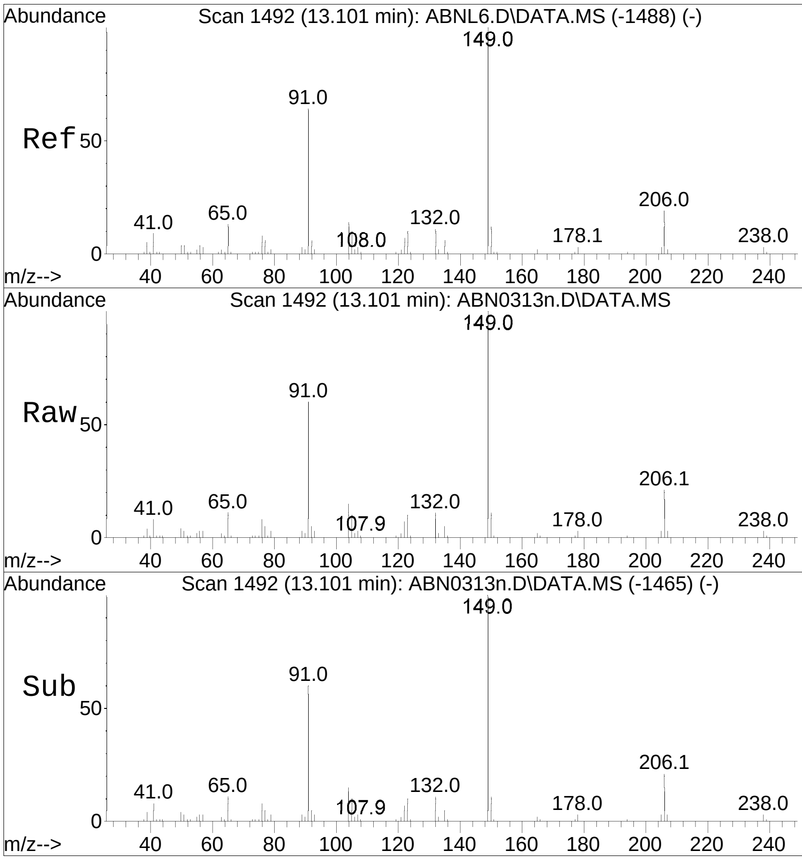


#95
Pyrene
Concen: 5.08 ug/ml
RT: 12.379 min Scan# 1415
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:202 Resp: 450946

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	18.0	14.2	21.4

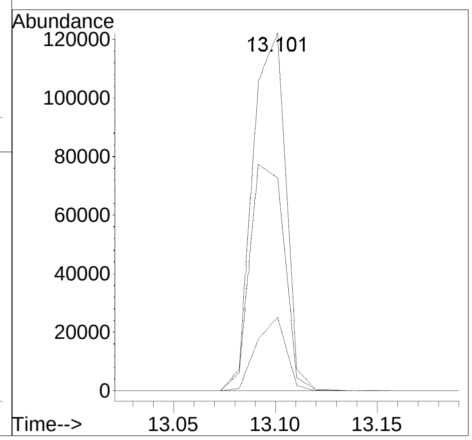


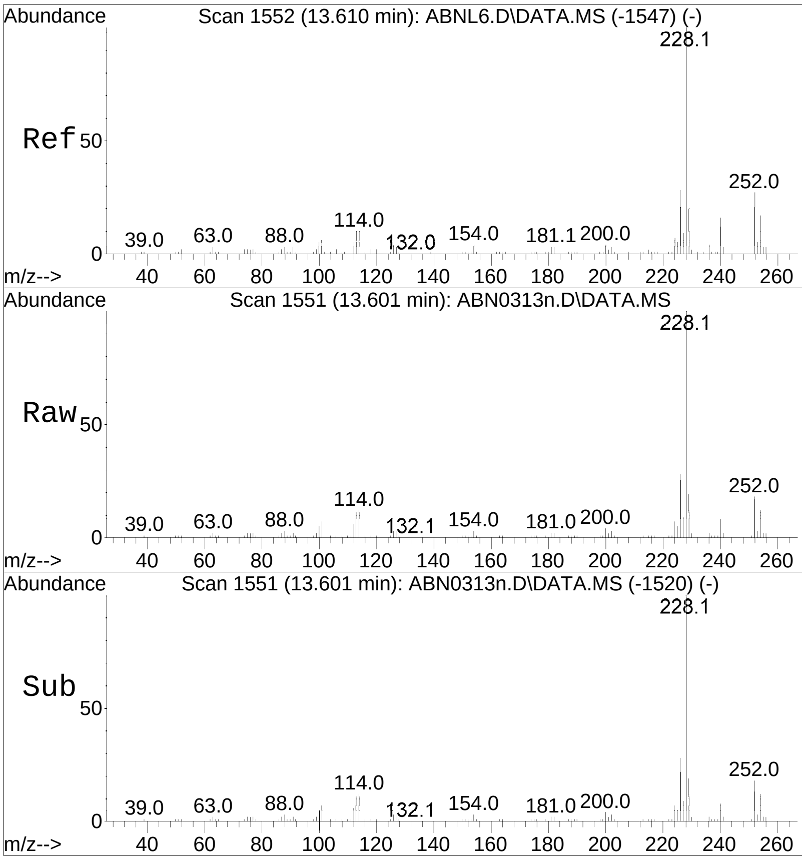


#97
Butyl benzyl phthalate
Concen: 4.17 ug/ml
RT: 13.101 min Scan# 1492
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:149 Resp: 136778

Ion	Ratio	Lower	Upper
149	100		
91	66.5	63.3	94.9
206	18.8	13.9	20.9

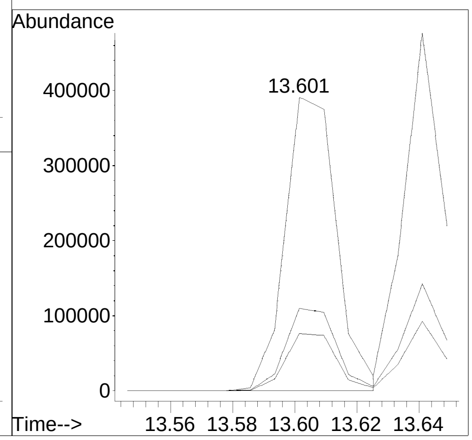


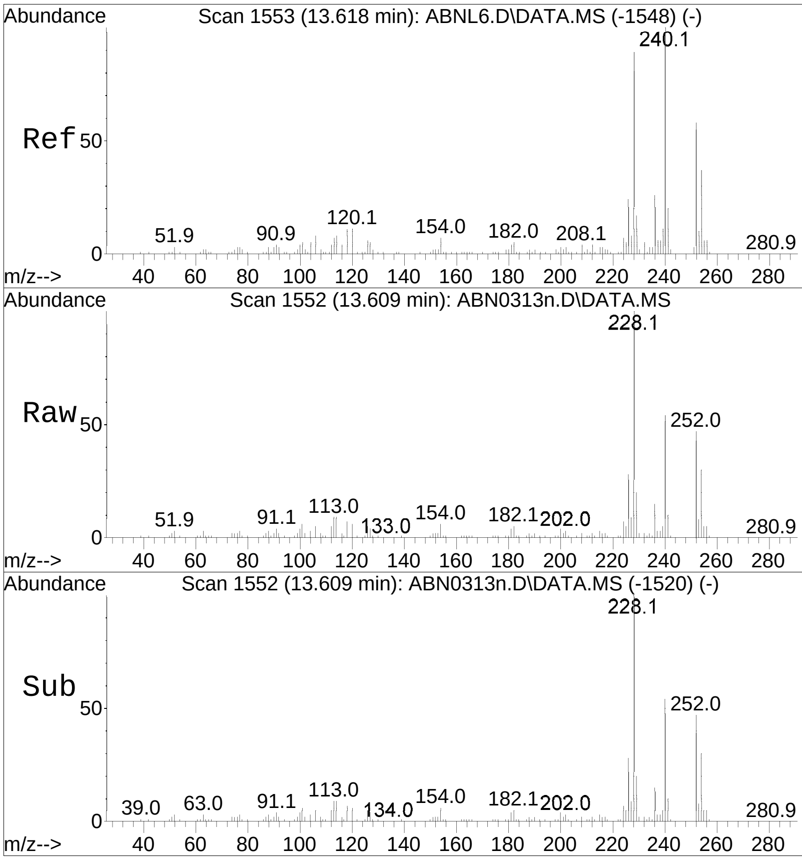


#105
Benzo(a)anthracene
Concen: 5.01 ug/ml
RT: 13.601 min Scan# 1551
Delta R.T. -0.008 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:228 Resp: 449263

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	19.5	15.6	23.4

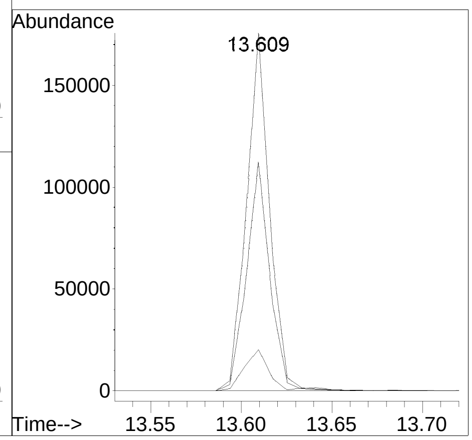


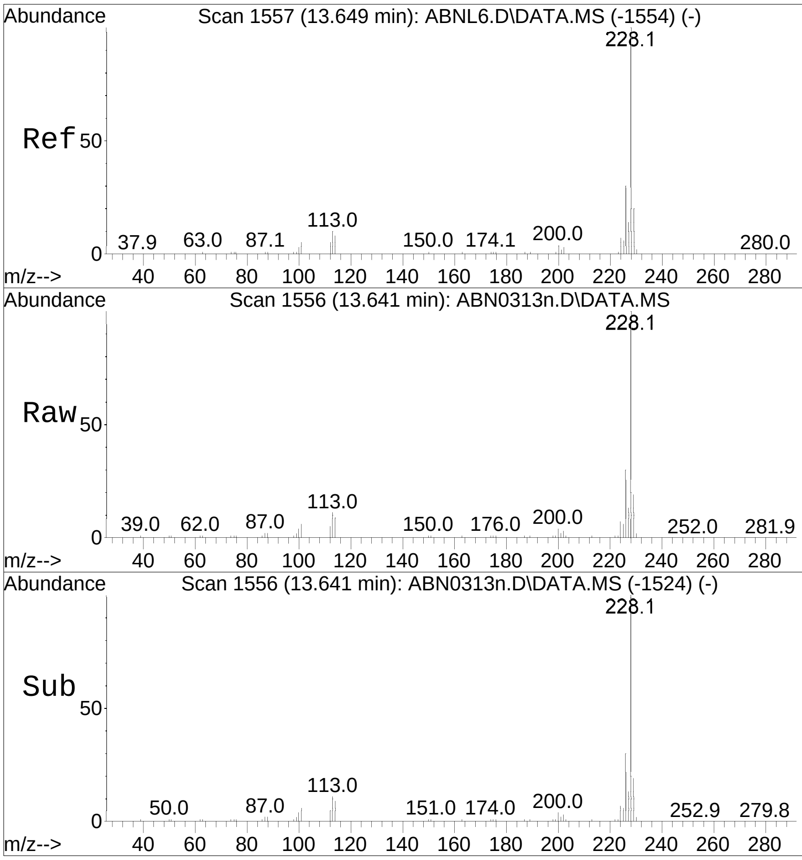


#106
3,3'-Dichlorobenzidine
Concen: 5.15 ug/ml
RT: 13.609 min Scan# 1552
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:252 Resp: 155168

Ion	Ratio	Lower	Upper
252	100		
126	13.2	14.5	21.7#
254	64.8	51.2	76.8

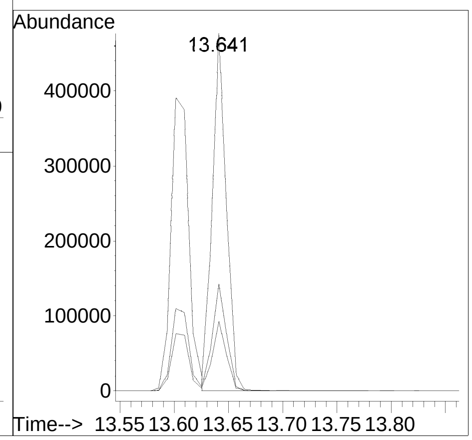


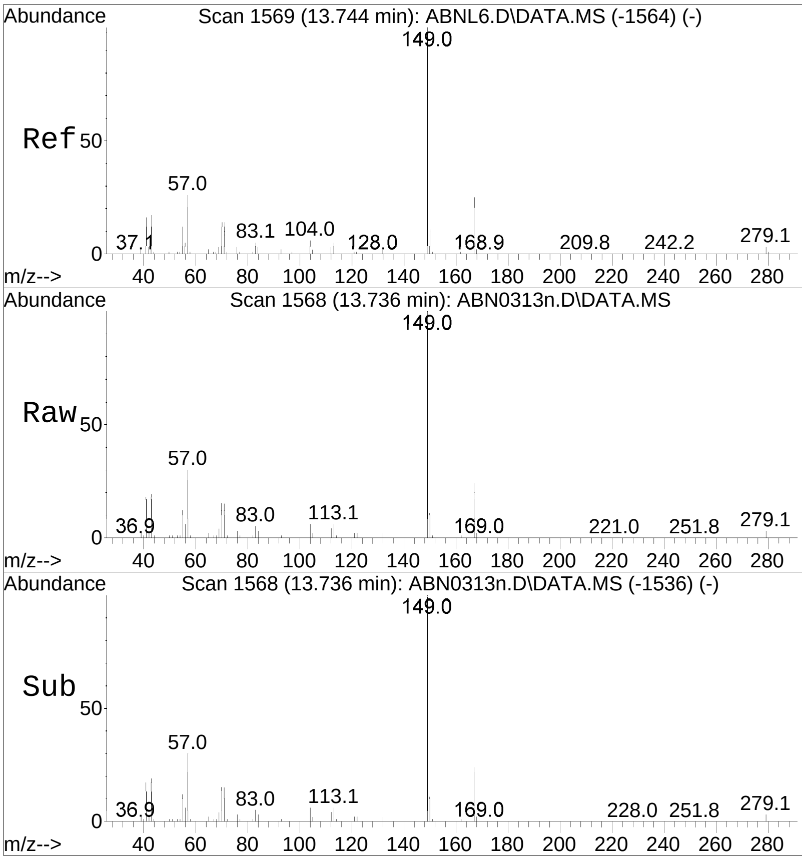


#107
Chrysene
Concen: 4.84 ug/ml
RT: 13.641 min Scan# 1556
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:228 Resp: 430624

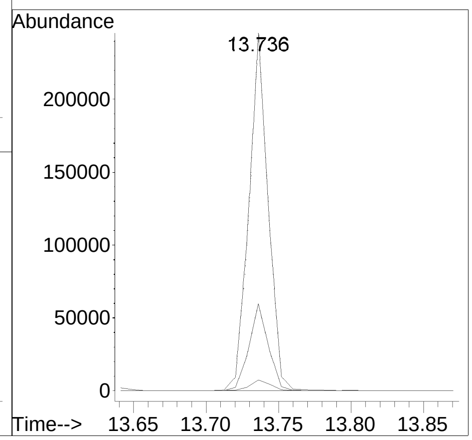
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.3	15.8	23.8

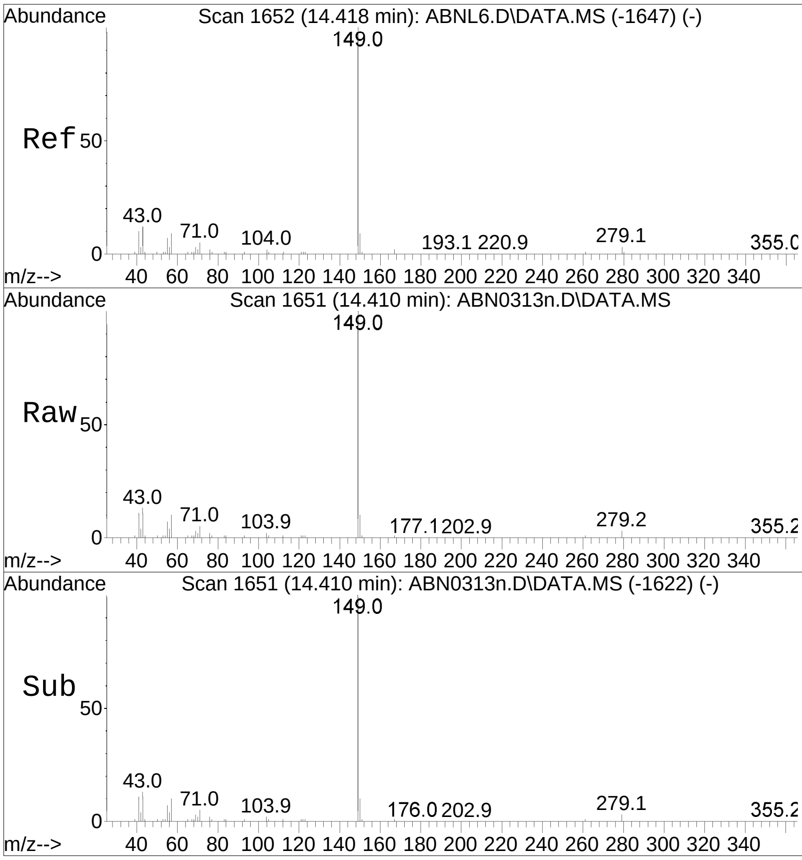





```
#108
Bis(2-ethylhexyl)phthalate
Concen:    4.43 ug/ml
RT:  13.736 min  Scan# 1568
Delta R.T.  0.000 min
Lab File:   ABN0313n.D
Acq: 13 Mar 2025   8:06 pm

Tgt Ion:149 Resp:  224521
Ion  Ratio  Lower  Upper
149  100
167   24.5   22.1   33.1
279    3.0    3.0    4.4
```

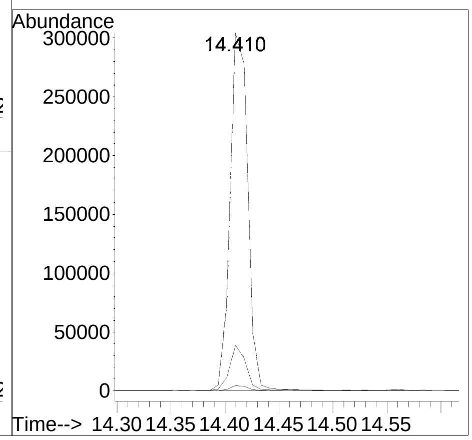


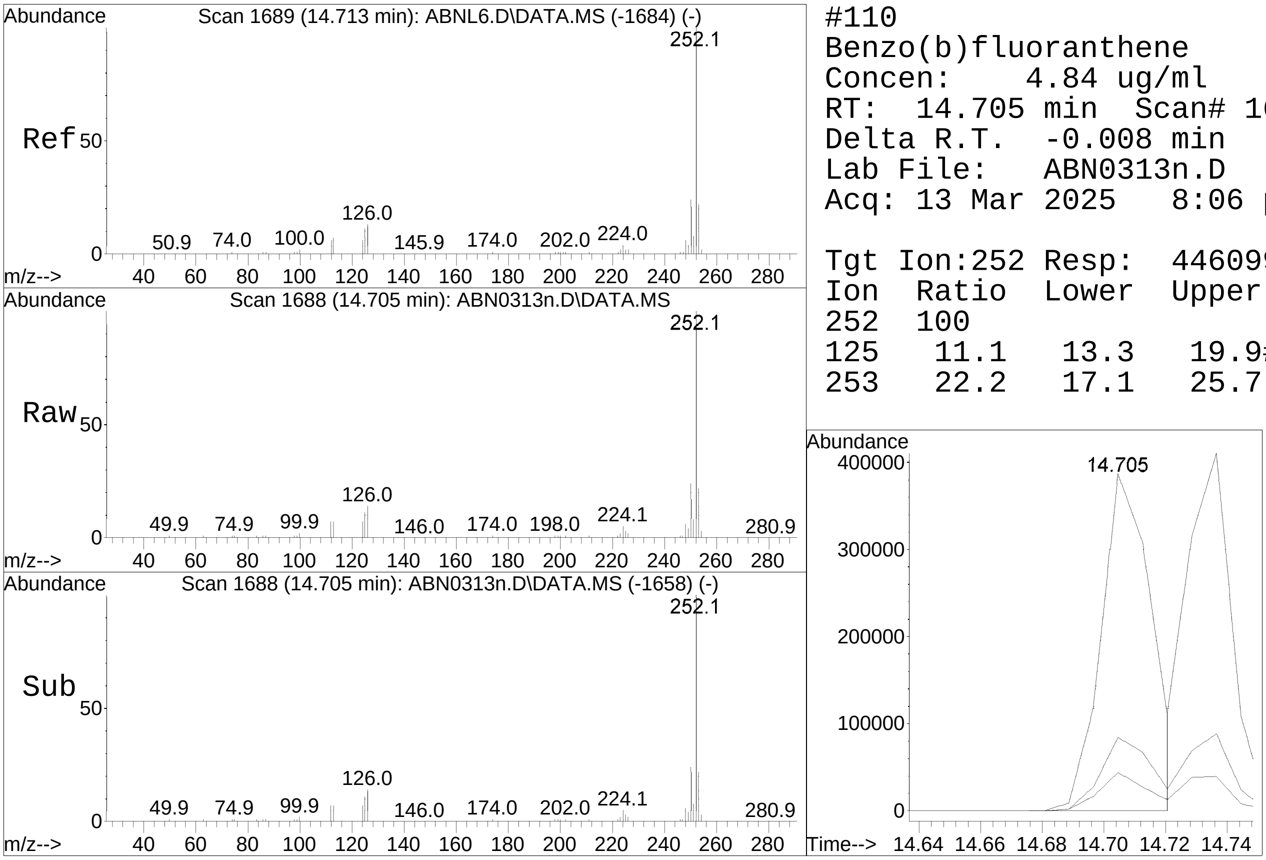


#109
Di-n-octylphthalate
Concen: 4.06 ug/ml
RT: 14.410 min Scan# 1651
Delta R.T. -0.008 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:149 Resp: 342880

Ion	Ratio	Lower	Upper
149	100		
43	12.0	18.8	28.2#
167	1.3	1.3	1.9

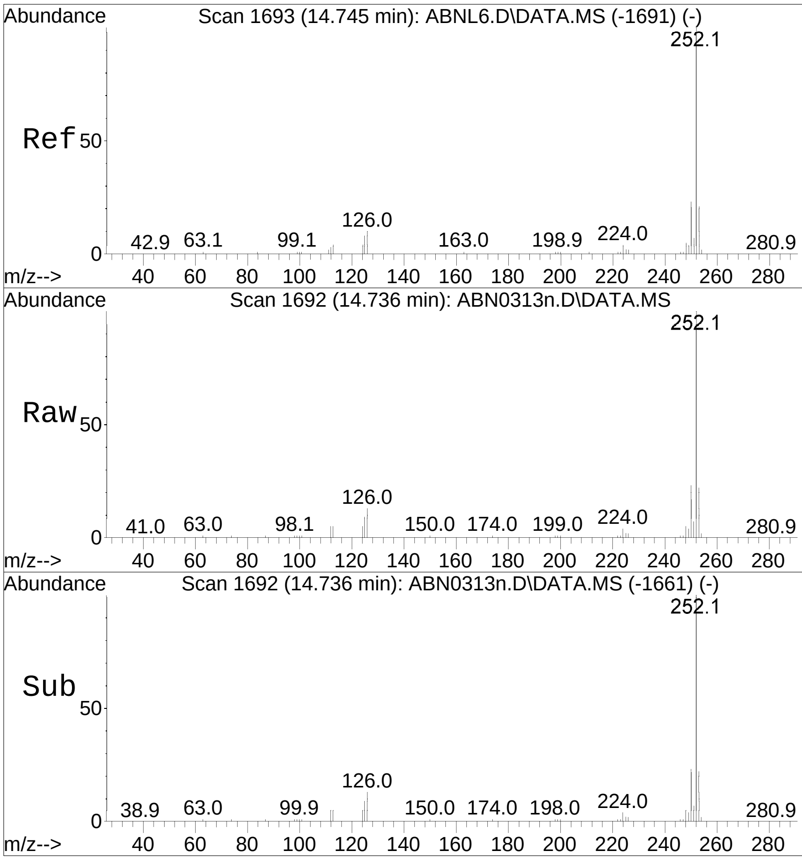




#110
Benzo(b)fluoranthene
Concen: 4.84 ug/ml
RT: 14.705 min Scan# 1688
Delta R.T. -0.008 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:252 Resp: 446099

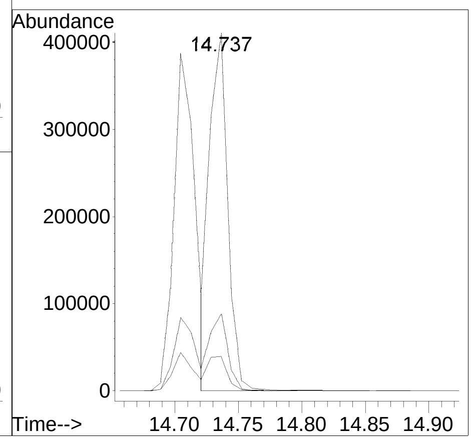
Ion	Ratio	Lower	Upper
252	100		
125	11.1	13.3	19.9#
253	22.2	17.1	25.7

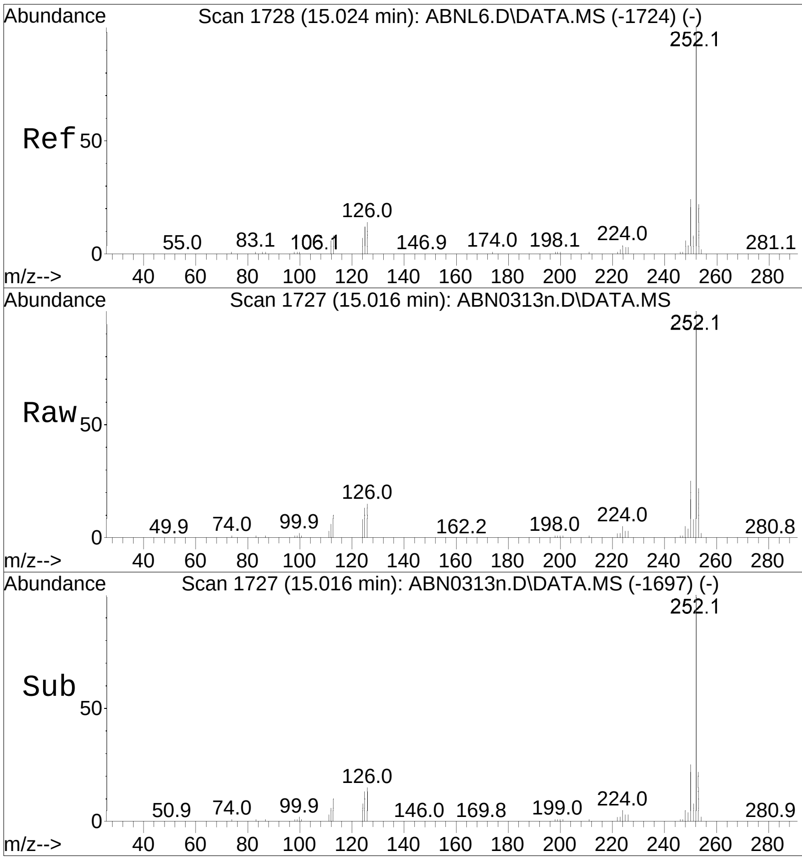


#111
Benzo(k)fluoranthene
Concen: 4.78 ug/ml
RT: 14.736 min Scan# 1692
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:252 Resp: 409960

Ion	Ratio	Lower	Upper
252	100		
125	10.3	13.0	19.6#
253	21.6	16.8	25.2

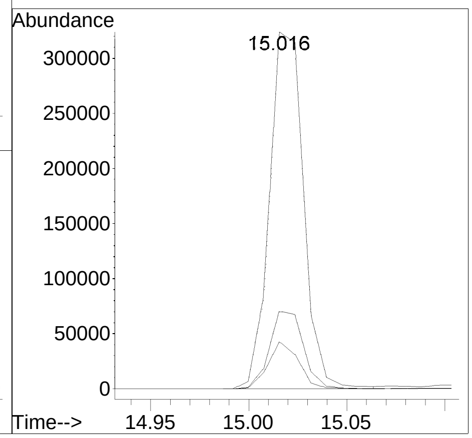


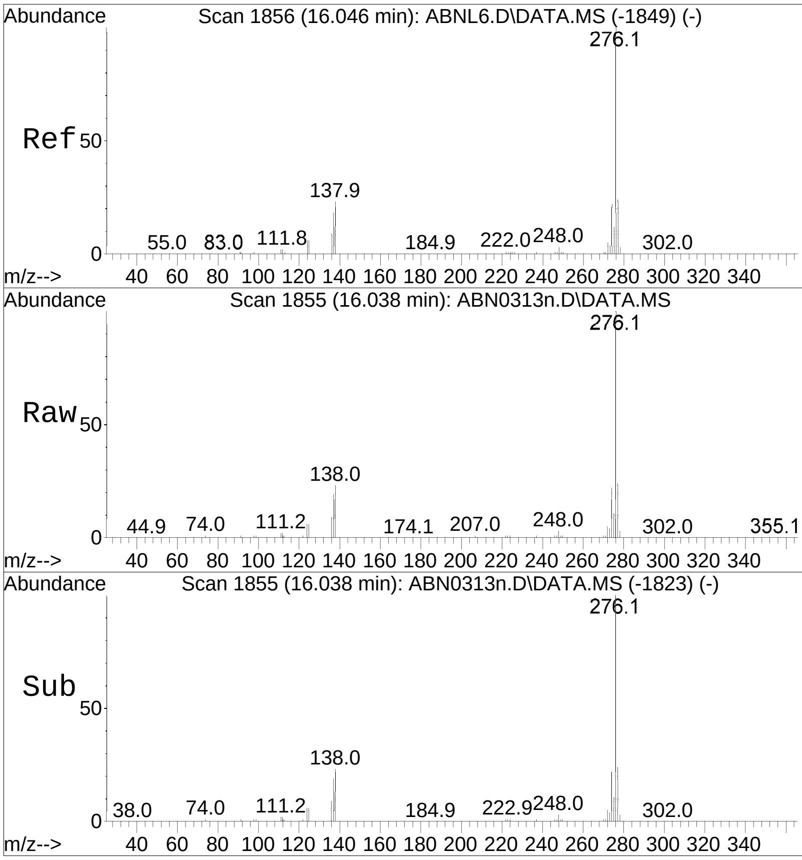


#112
Benzo(a)pyrene
Concen: 4.80 ug/ml
RT: 15.016 min Scan# 1727
Delta R.T. -0.008 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:252 Resp: 389814

Ion	Ratio	Lower	Upper
252	100		
125	12.1	14.2	21.2#
253	21.9	16.9	25.3

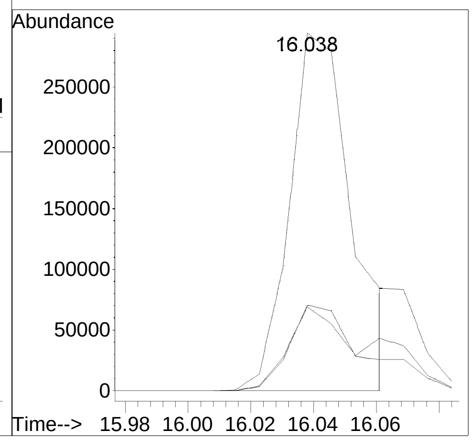


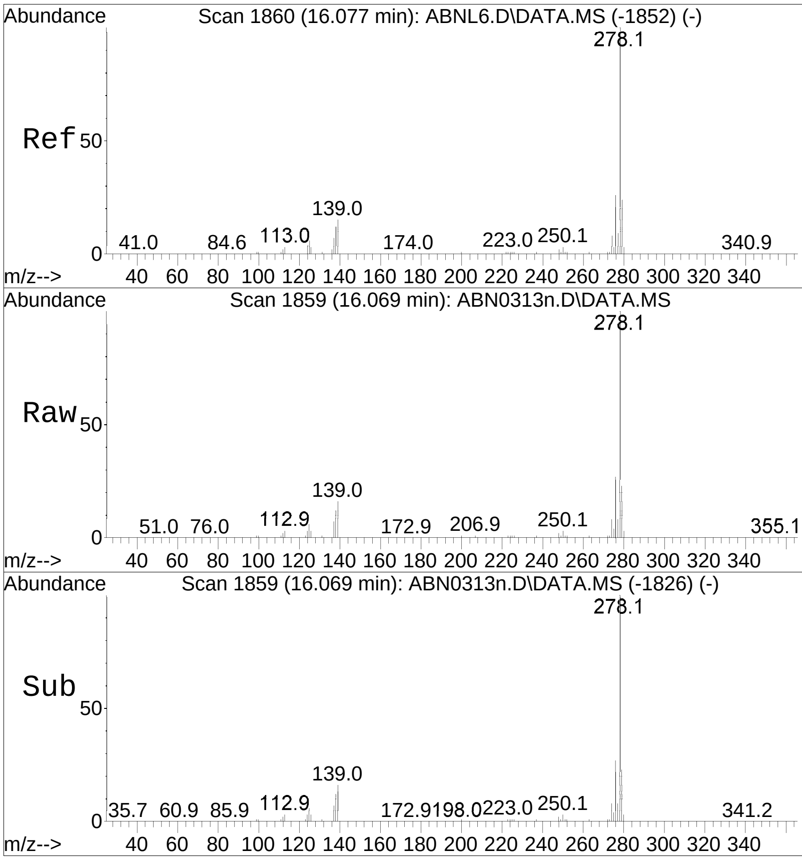


#114
Indeno(1,2,3-cd)pyrene
Concen: 5.32 ug/mL M6
RT: 16.038 min Scan# 1855
Delta R.T. -0.008 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:276 Resp: 406407

Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.1	37.7
277	29.3	18.6	28.0#

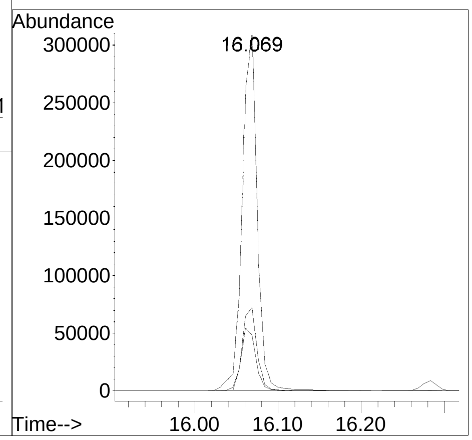


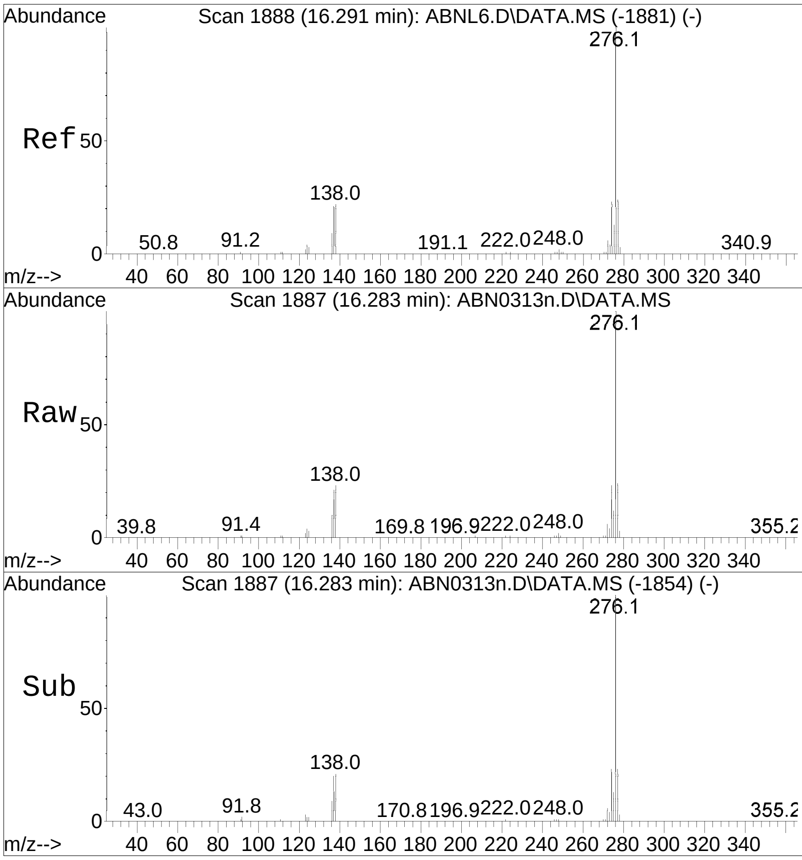


#115
Dibenzo(a,h)anthracene
Concen: 5.09 ug/ml
RT: 16.069 min Scan# 1859
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:278 Resp: 387084

Ion	Ratio	Lower	Upper
278	100		
139	17.3	20.8	31.2#
279	23.4	18.3	27.5

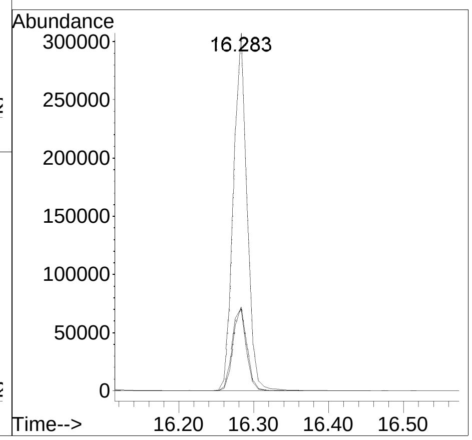




#116
Benzo(ghi)perylene
Concen: 5.15 ug/ml
RT: 16.283 min Scan# 1887
Delta R.T. 0.000 min
Lab File: ABN0313n.D
Acq: 13 Mar 2025 8:06 pm

Tgt Ion:276 Resp: 386276

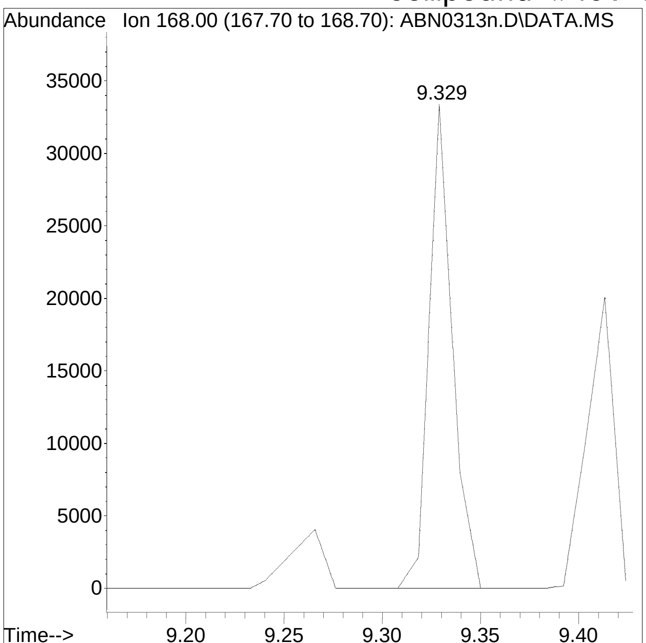
Ion	Ratio	Lower	Upper
276	100		
138	24.1	29.2	43.8#
277	24.0	18.8	28.2

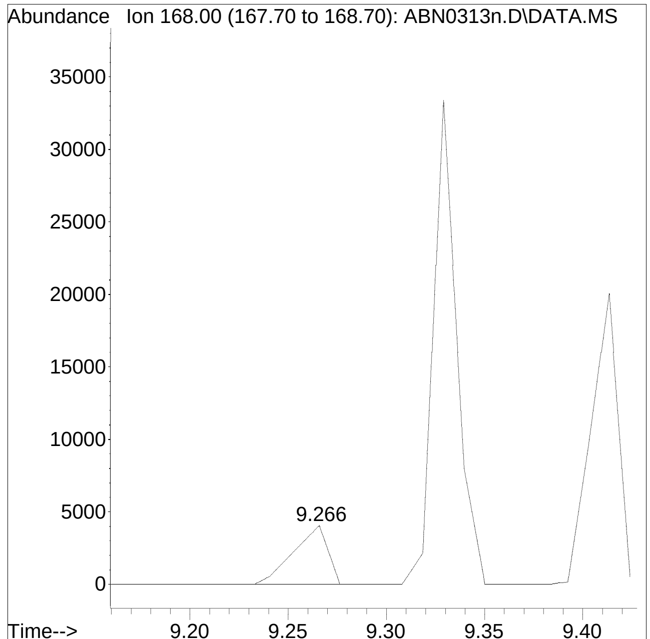


Manual Integration Report

Data Path : I:\8270\SV106\250313RVTn\
Data File : ABN0313n.D
Date Inj'd : 3/13/2025 8:06 pm
Sample : WG2040337-3,32,,ABN 11297
QMethod : FS250311SV106.m
Operator : SV106:slr
Instrument : SV 106
Quant Date : 3/13/2025 8:25 pm

Compound #49: 1,4-Dinitrobenzene





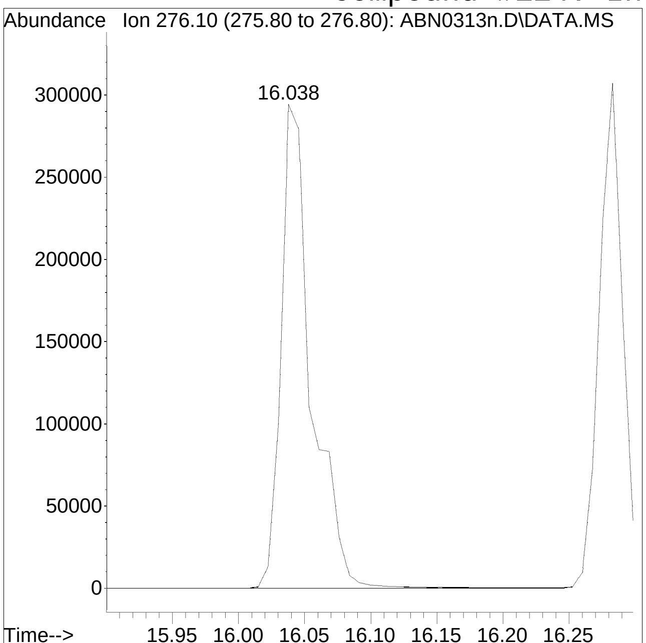
Original Peak Response = 27519
Manual Peak Response = 3500 M3

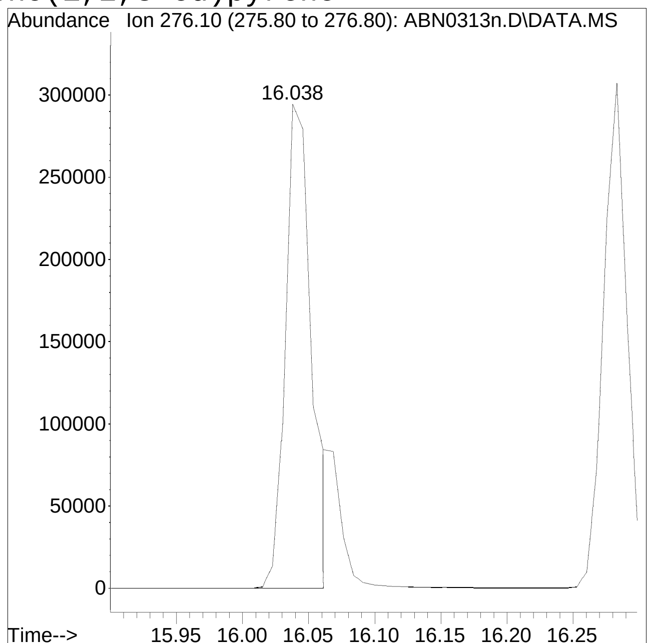
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250313RVTn\ QMethod     : FS250311SV106.m
Data File   : ABN0313n.D                Operator    : SV106:slr
Date Inj'd  : 3/13/2025  8:06 pm        Instrument  : SV 106
Sample      : WG2040337-3,32,,ABN 11297 Quant Date  : 3/13/2025  8:25 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 468691   Manual Peak Response = 406407 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250313RVTn\
Data File : AP90313n.D
Acq On : 13 Mar 2025 8:29 pm
Operator : SV106:slr
Sample : WG2040337-4,32,,AP9 11152 gmr0304B
Misc : WG2040337,,ical22075
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Mar 13 21:16:02 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 21:16:45 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	113	0.00
28	T	Benzaldehyde		0.954	0.820	14.0	98	0.00
29	T	Acetophenone		1.646	1.605	2.5	109	0.00
30	T	m-Toluidine		1.514	1.411	6.8	102	0.00
31	T	2-Chloroaniline		1.481	1.498	-1.1	115	0.00
55	I	IS2_Naphthalene-d8		1.000	1.000	0.0	109	0.00
56	T	a-Terpineol		0.275	0.303	-10.2	121	0.00
57	T	3-Chloroaniline		0.139	0.144	-3.6	112	0.00
58	T	2,6-Dichlorophenol		0.270	0.280	-3.7	116	0.00
59	T	1-chloro-2-nitrobenzene		0.108	0.124	-14.8	129	0.00
60	T	Caprolactam		0.165	0.162	1.8	119	0.00
61	T	1,2,4,5-Tetrachlorobenzene		0.401	0.398	0.7	114	0.00
62	T	Biphenyl		0.885	0.888	-0.3	115	0.00
83	I	IS2_Acenaphthene-d10		1.000	1.000	0.0	112	0.00
84	T	Dichloran	*	5.000	5.584	-11.7	135	0.00
85	T	Pentachloronitrobenzene		0.144	0.152	-5.6	129	0.00
98	I	IS2_Phenanthrene-d10		1.000	1.000	0.0	111	0.00
99	T	Diphenamid		0.413	0.434	-5.1	113	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVTn\
Data File : AP90313n.D
Acq On : 13 Mar 2025 8:29 pm
Operator : SV106:slr
Sample : WG2040337-4,32,,AP9 11152 gmr0304B
Misc : WG2040337,,ical22075
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Mar 13 21:16:02 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 21:16:45 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	6.351	152	63907	4.000	ug/ml	0.00
55) IS2_Naphthalene-d8	7.783	136	231284	4.000	ug/ml	# 0.00
83) IS2_Acenaphthene-d10	9.550	164	147221	4.000	ug/ml	0.00
98) IS2_Phenanthrene-d10	10.988	188	293983	4.000	ug/ml	# 0.00
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.773	105	65491	4.298	ug/ml	95
29) Acetophenone	6.860	105	128187	4.876	ug/ml#	88
30) m-Toluidine	6.957	106	112740	4.660	ug/ml	95
31) 2-Chloroaniline	7.363	127	119658	5.058	ug/ml	94
56) a-Terpineol	7.862	59	87610	5.514	ug/ml	93
57) 3-Chloroaniline	7.876	65	41593	5.158	ug/ml	88
58) 2,6-Dichlorophenol	7.898	162	81027	5.189	ug/ml	97
59) 1-chloro-2-nitrobenzene	8.171	111	35778	5.730	ug/ml#	1
60) Caprolactam	8.207	55	46911	4.929	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	8.701	216	114955	4.952	ug/ml	98
62) Biphenyl	9.001	154	256714	5.015	ug/ml	99
84) Dichloran	10.685	206	23679	5.584	ug/ml#	68
85) Pentachloronitrobenzene	10.836	237	27970	5.282	ug/ml#	80
99) Diphenamid	11.901	167	159382	5.254	ug/ml#	79

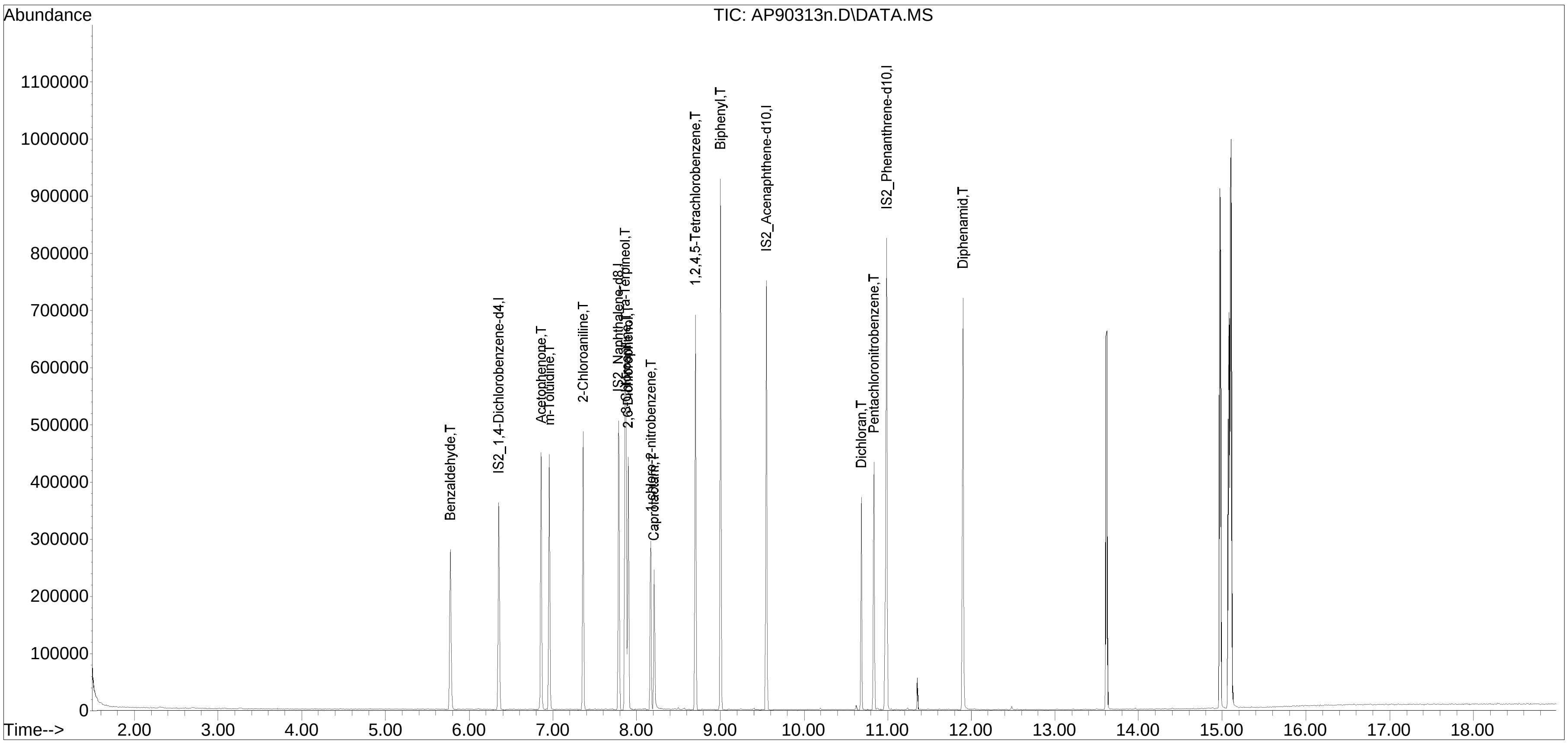
(#) = qualifier out of range (m) = manual integration (+) = signals summed

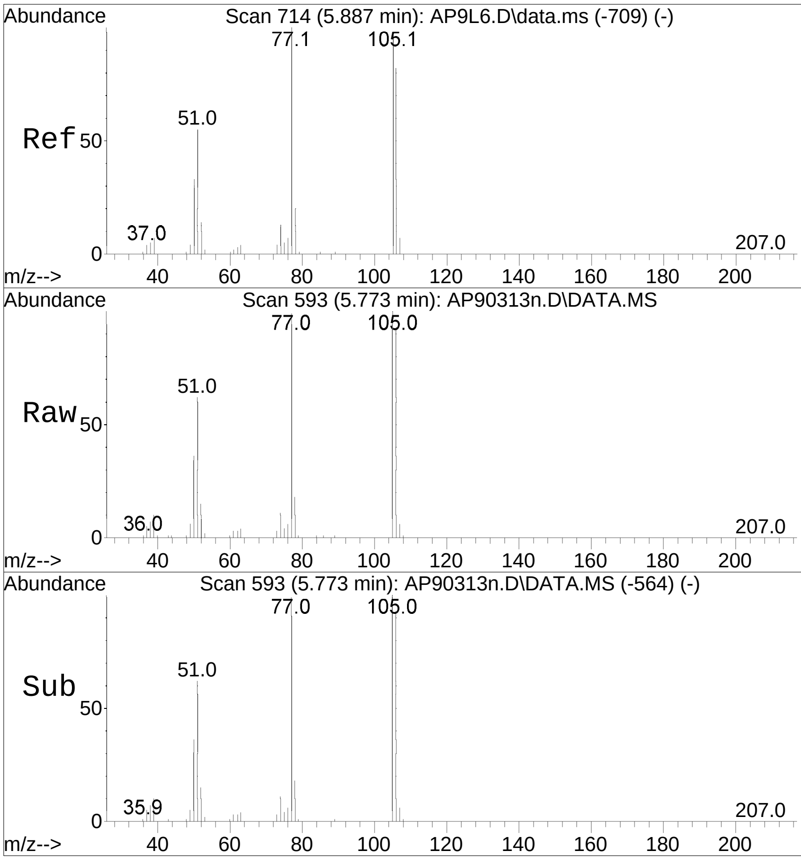
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV106\250313RVTn\
Data File : AP90313n.D
Acq On   : 13 Mar 2025   8:29 pm
Operator : SV106:slr
Sample   : WG2040337-4,32,,AP9 11152 gmr0304B
Misc   : WG2040337,,ical22075
ALS Vial : 143   Sample Multiplier: 1

Quant Time: Mar 13 21:16:02 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 21:16:45 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublist

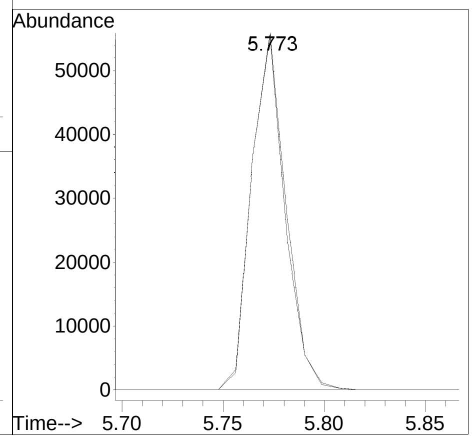


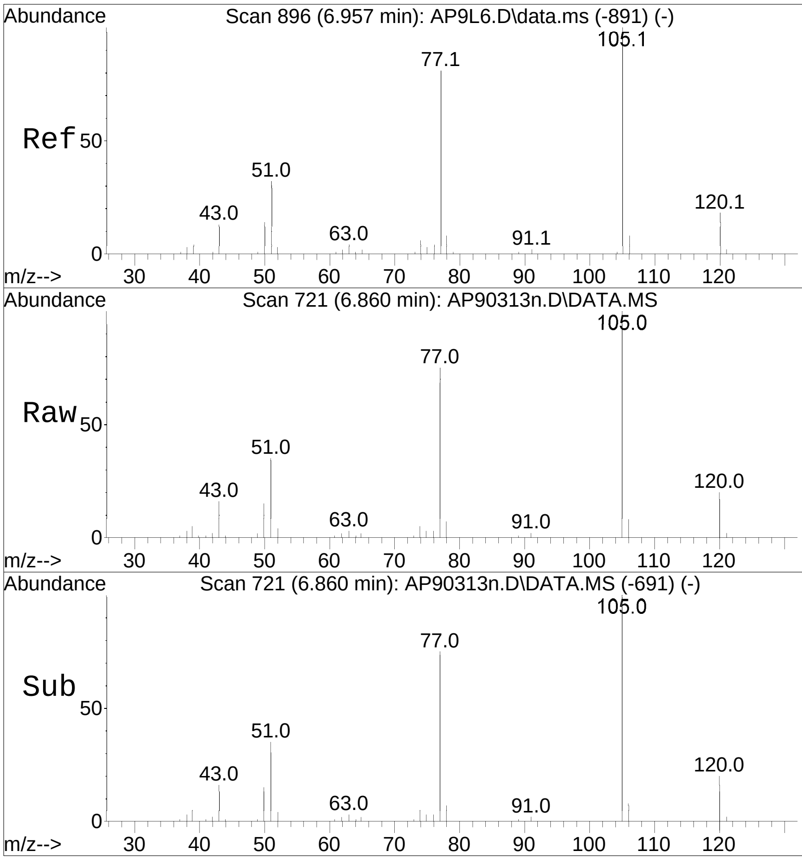


#28
Benzaldehyde
Concen: 4.30 ug/ml
RT: 5.773 min Scan# 593
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:105 Resp: 65491

Ion	Ratio	Lower	Upper
105	100		
77	97.2	82.2	123.4

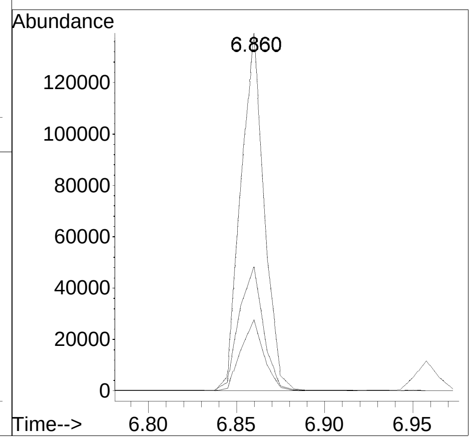


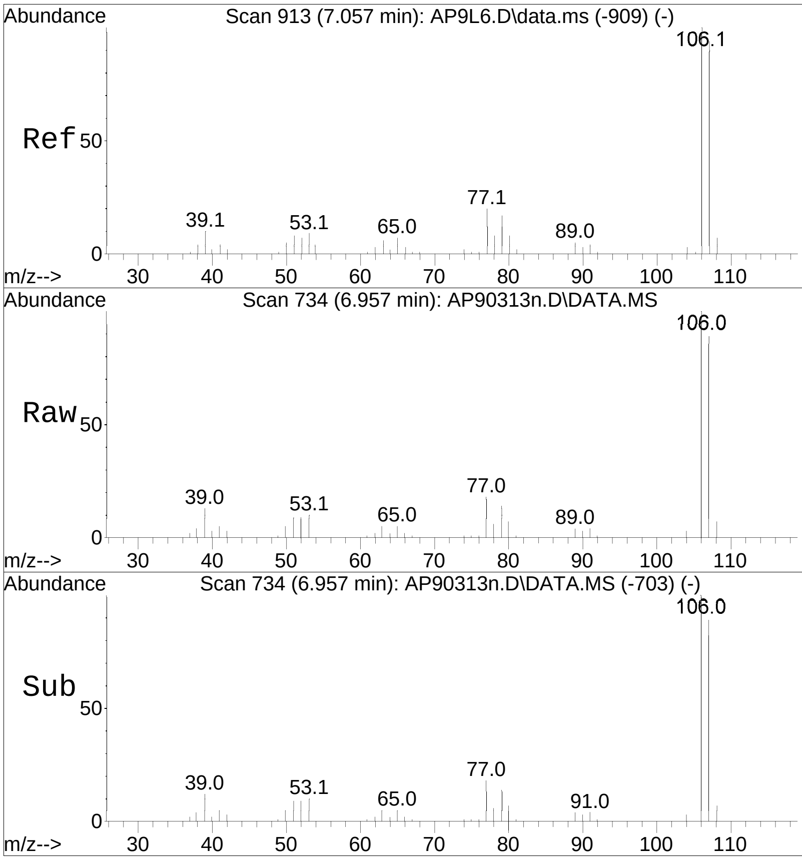


#29
Acetophenone
Concen: 4.88 ug/ml
RT: 6.860 min Scan# 721
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:105 Resp: 128187

Ion	Ratio	Lower	Upper
105	100		
120	19.6	20.5	30.7#
51	35.9	34.9	52.3

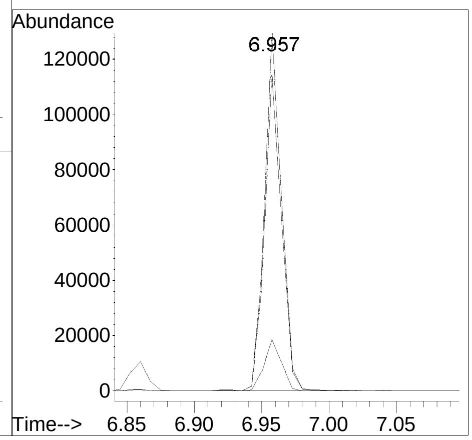


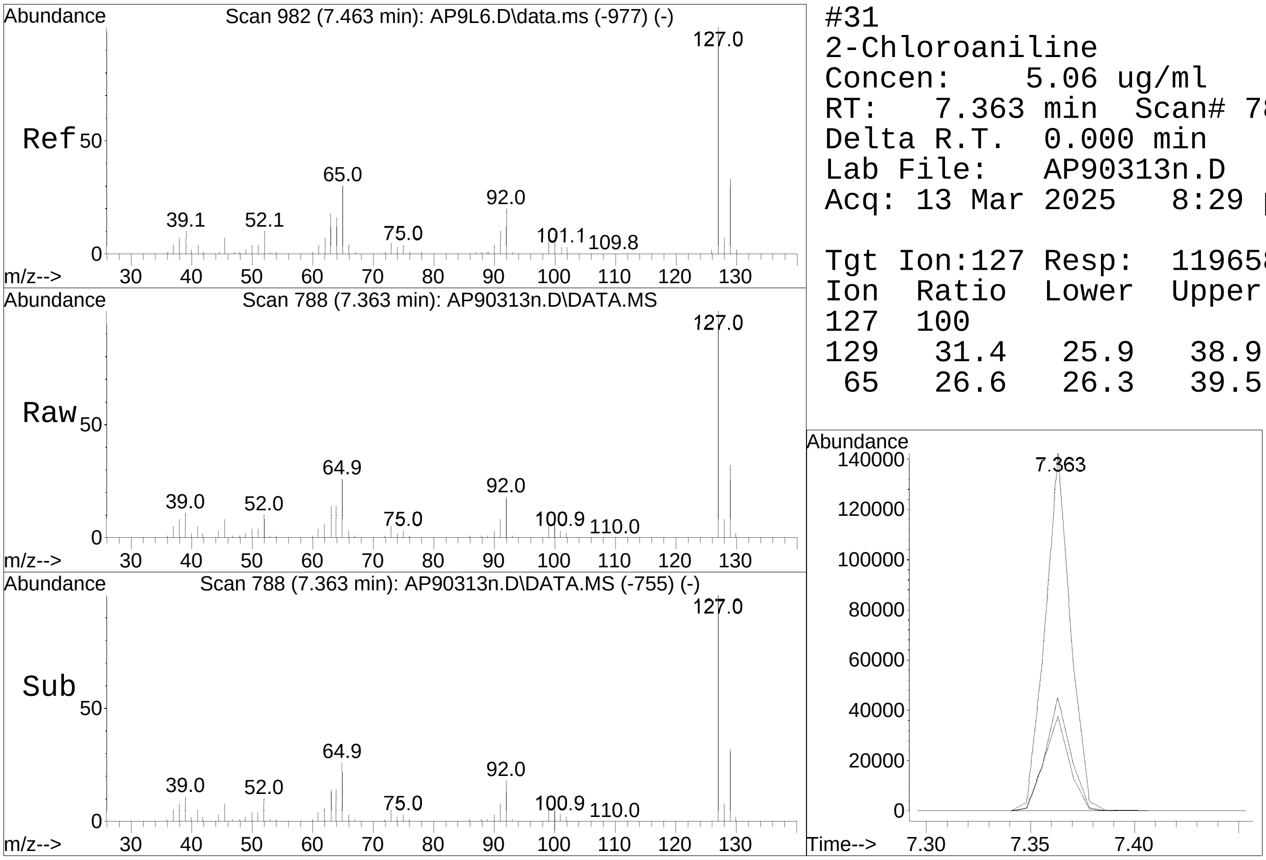


#30
m-Toluidine
Concen: 4.66 ug/ml
RT: 6.957 min Scan# 734
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:106 Resp: 112740

Ion	Ratio	Lower	Upper
106	100		
107	88.9	75.7	113.5
79	14.6	11.8	17.8

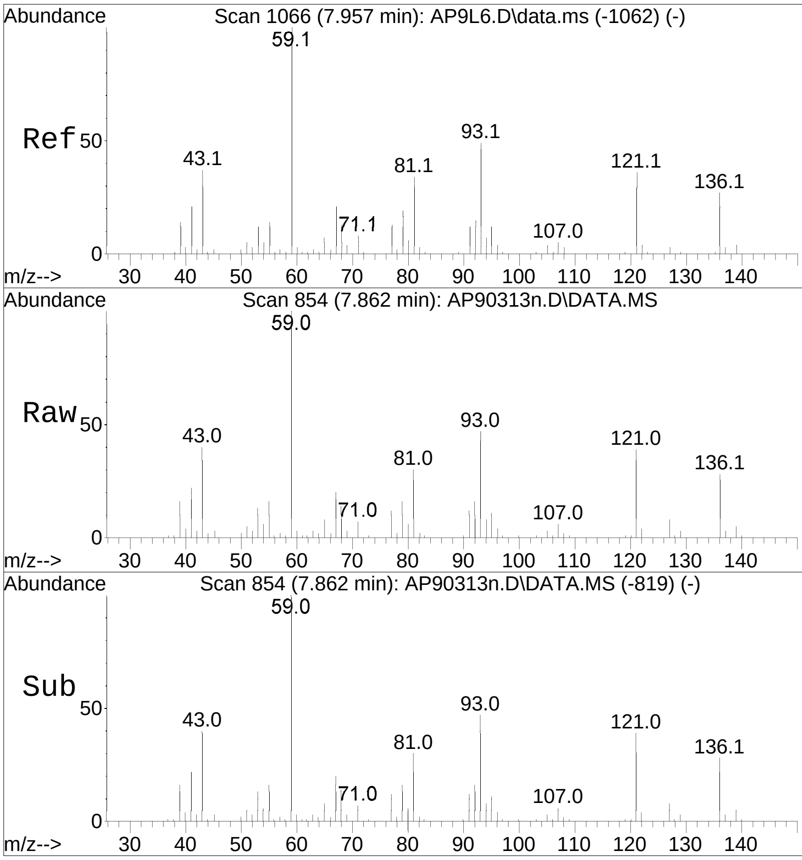




#31
2-Chloroaniline
Concen: 5.06 ug/ml
RT: 7.363 min Scan# 788
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:127 Resp: 119658

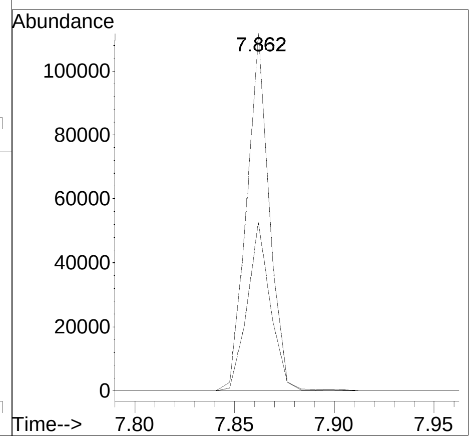
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	26.6	26.3	39.5

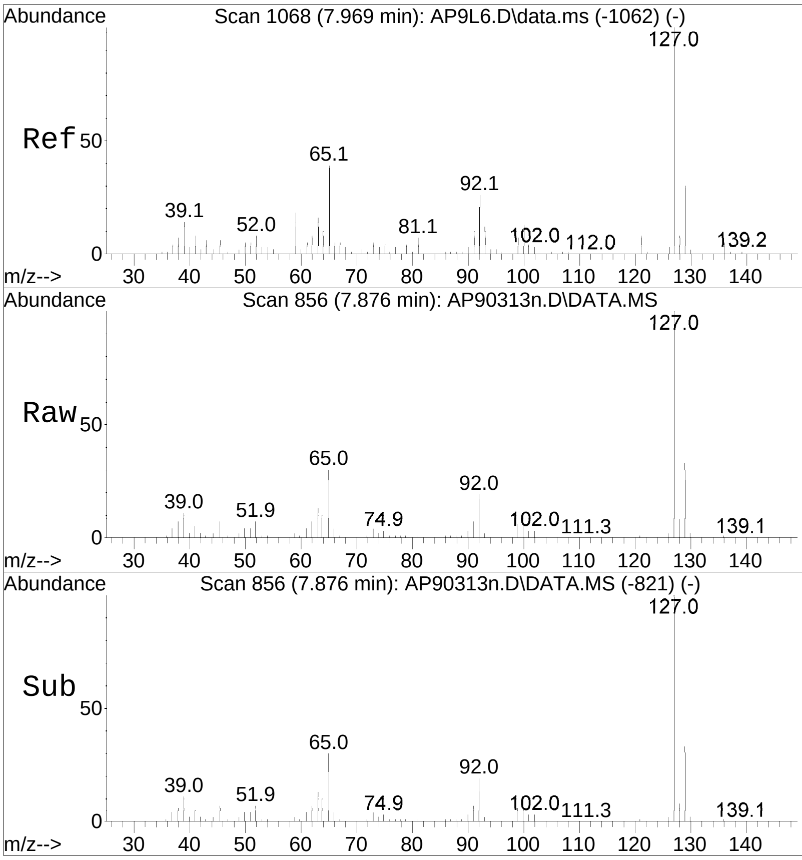


#56
a-Terpineol
Concen: 5.51 ug/ml
RT: 7.862 min Scan# 854
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion: 59 Resp: 87610

Ion	Ratio	Lower	Upper
59	100		
93	49.4	35.6	53.4

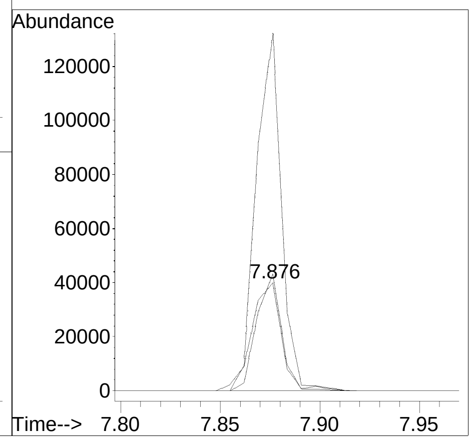


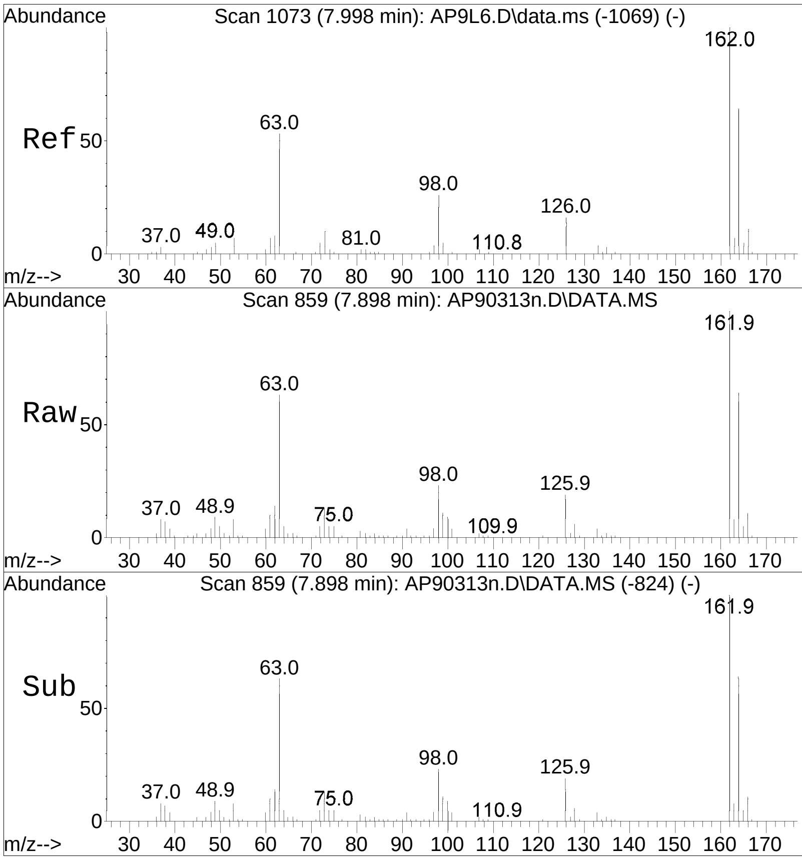


#57
3-Chloroaniline
Concen: 5.16 ug/ml
RT: 7.876 min Scan# 856
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion: 65 Resp: 41593

Ion	Ratio	Lower	Upper
65	100		
127	277.6	243.2	364.8
129	90.2	78.8	118.2

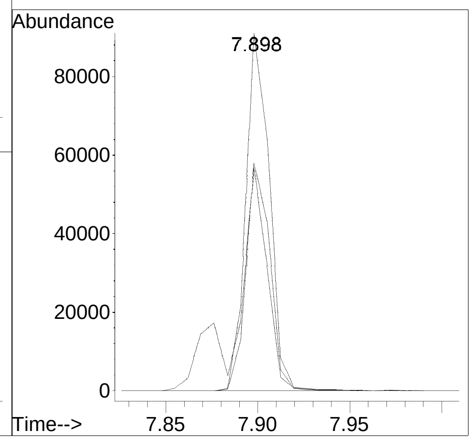


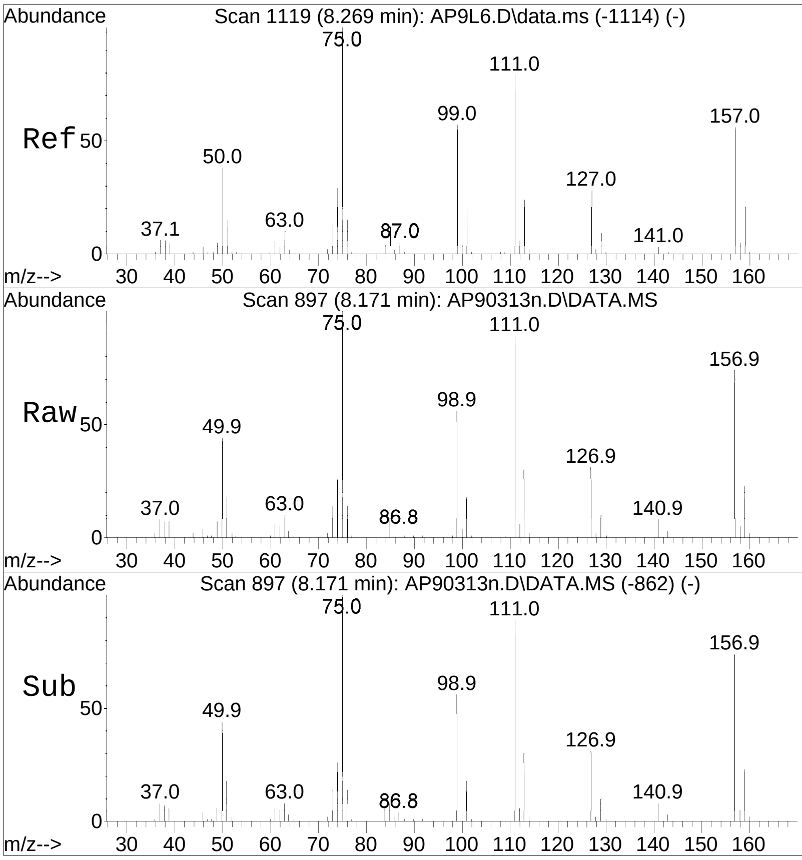


#58
2,6-Dichlorophenol
Concen: 5.19 ug/ml
RT: 7.898 min Scan# 859
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:162 Resp: 81027

Ion	Ratio	Lower	Upper
162	100		
164	64.4	51.1	76.7
63	80.5	60.8	91.2

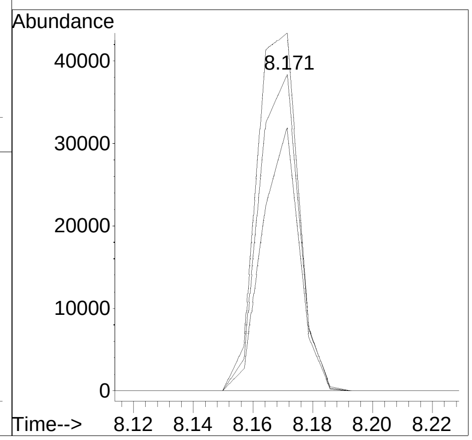


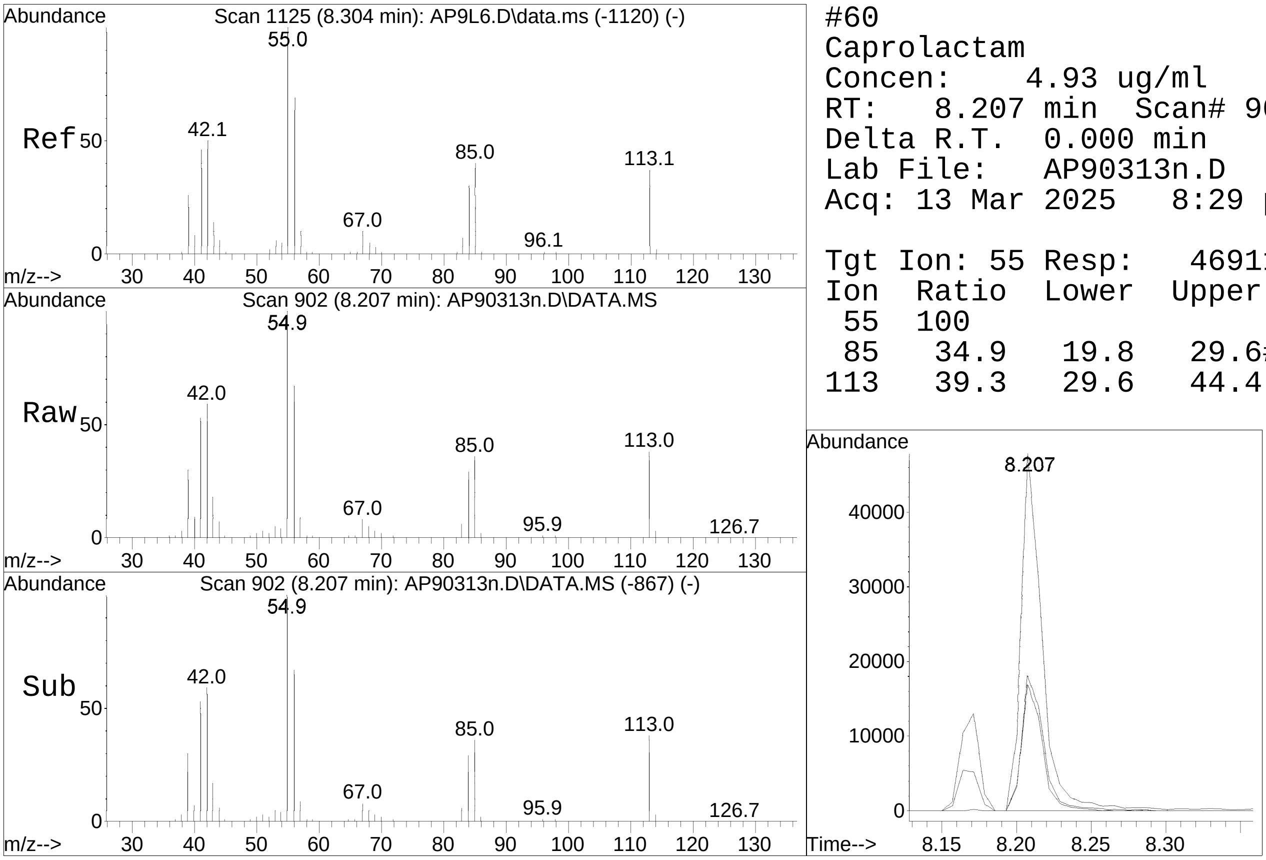


#59
1-chloro-2-nitrobenzene
Concen: 5.73 ug/ml
RT: 8.171 min Scan# 897
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:111 Resp: 35778

Ion	Ratio	Lower	Upper
111	100		
157	77.0	0.0	0.0#
75	118.5	28.2	42.2#

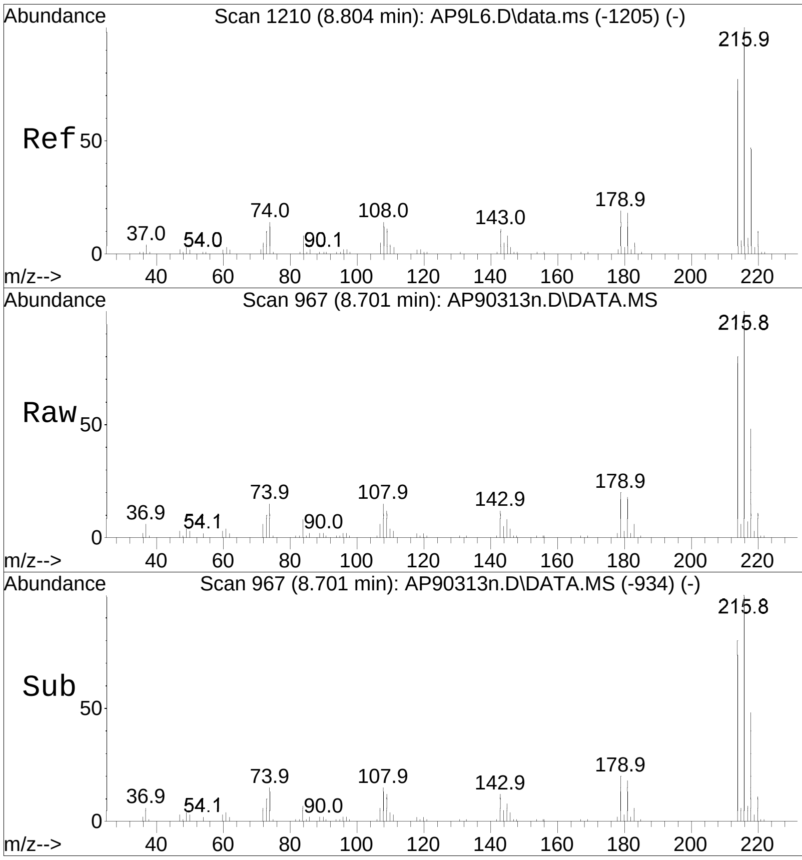




#60
Caprolactam
Concen: 4.93 ug/ml
RT: 8.207 min Scan# 902
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion: 55 Resp: 46911

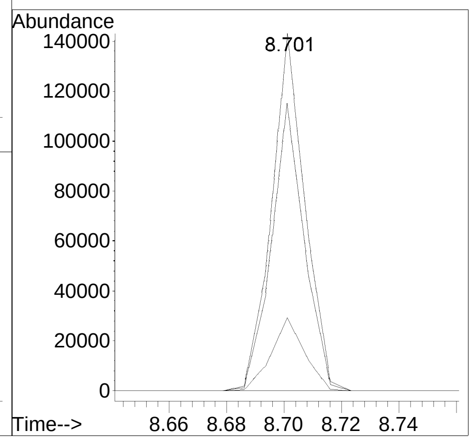
Ion	Ratio	Lower	Upper
55	100		
85	34.9	19.8	29.6#
113	39.3	29.6	44.4

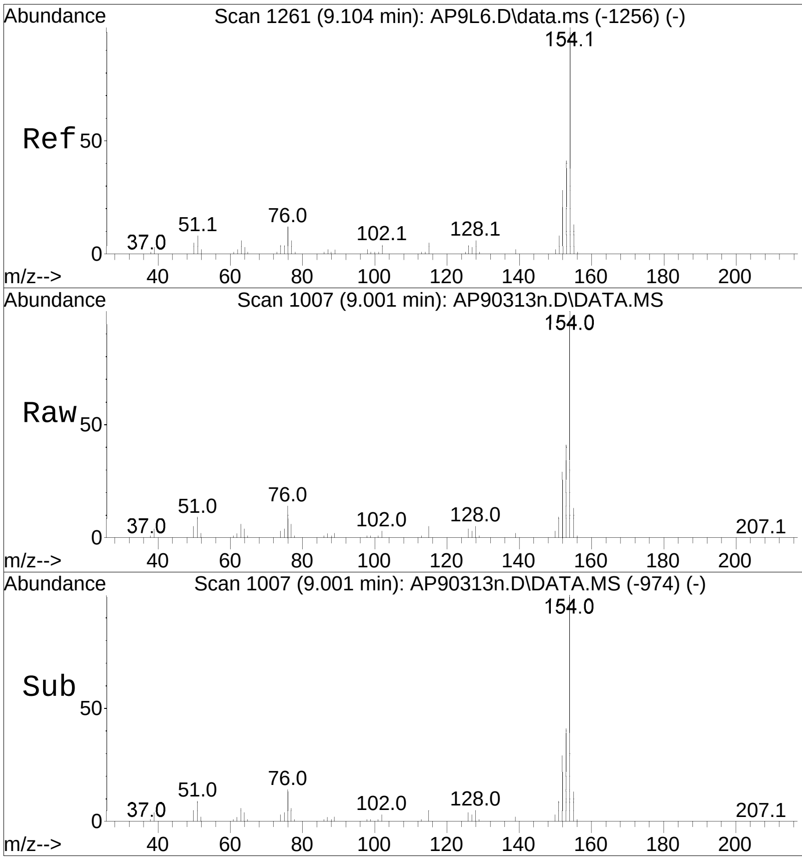


#61
1,2,4,5-Tetrachlorobenzene
Concen: 4.95 ug/ml
RT: 8.701 min Scan# 967
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:216 Resp: 114955

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.7	95.5
179	20.5	19.0	28.6

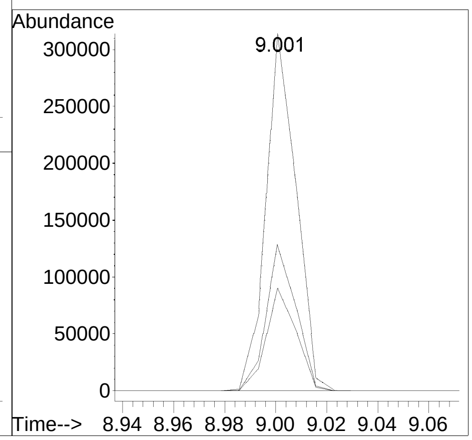


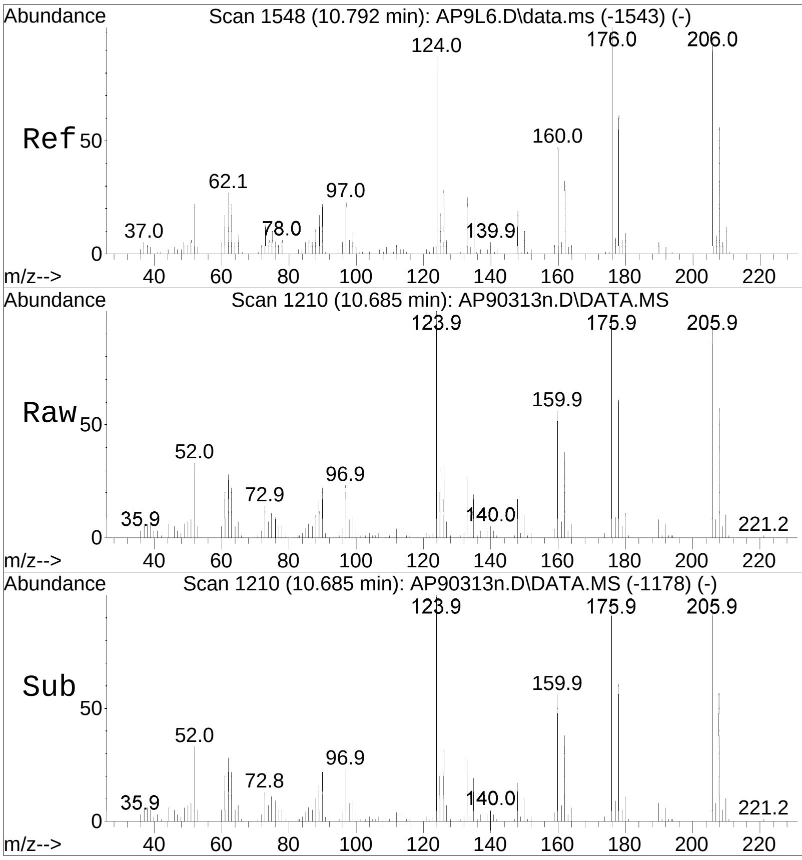


#62
Biphenyl
Concen: 5.01 ug/ml
RT: 9.001 min Scan# 1007
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:154 Resp: 256714

Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.3	48.5
152	28.9	22.5	33.7

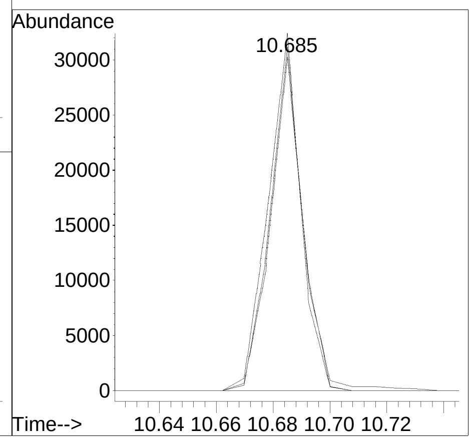


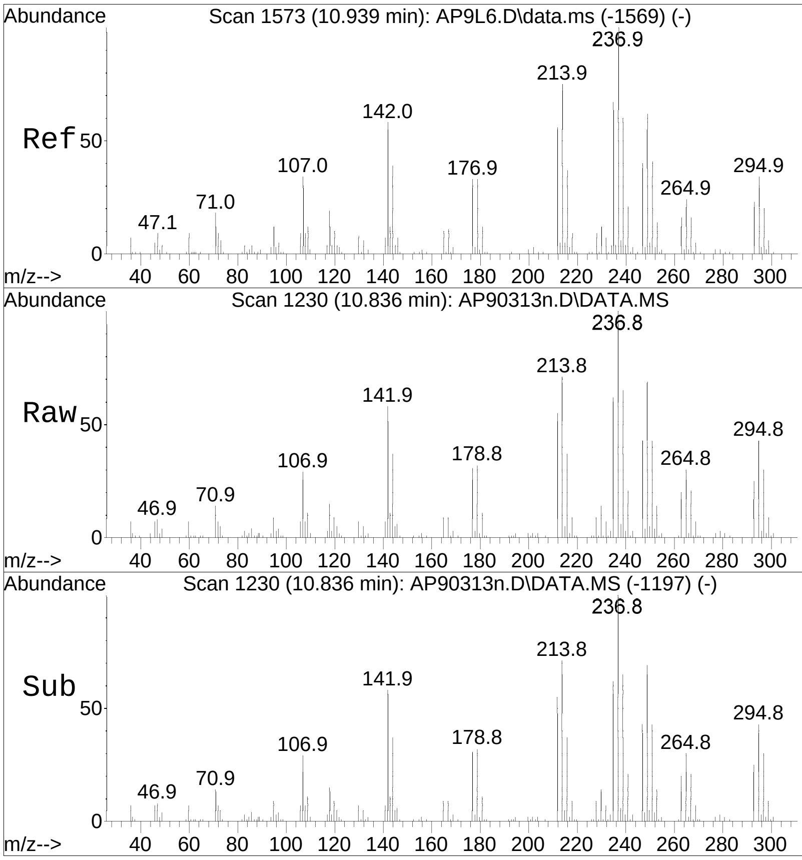


#84
Dichloran
Concen: 5.58 ug/ml
RT: 10.685 min Scan# 1210
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:206 Resp: 23679

Ion	Ratio	Lower	Upper
206	100		
176	105.6	104.6	157.0
124	108.5	130.5	195.7#

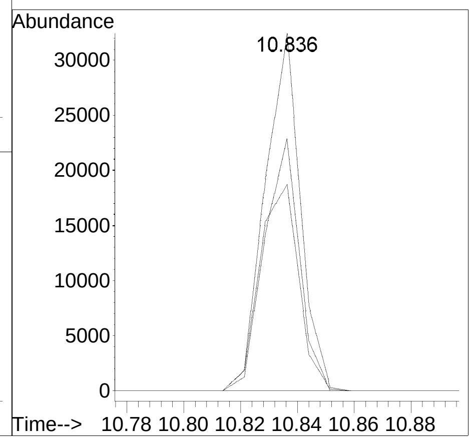


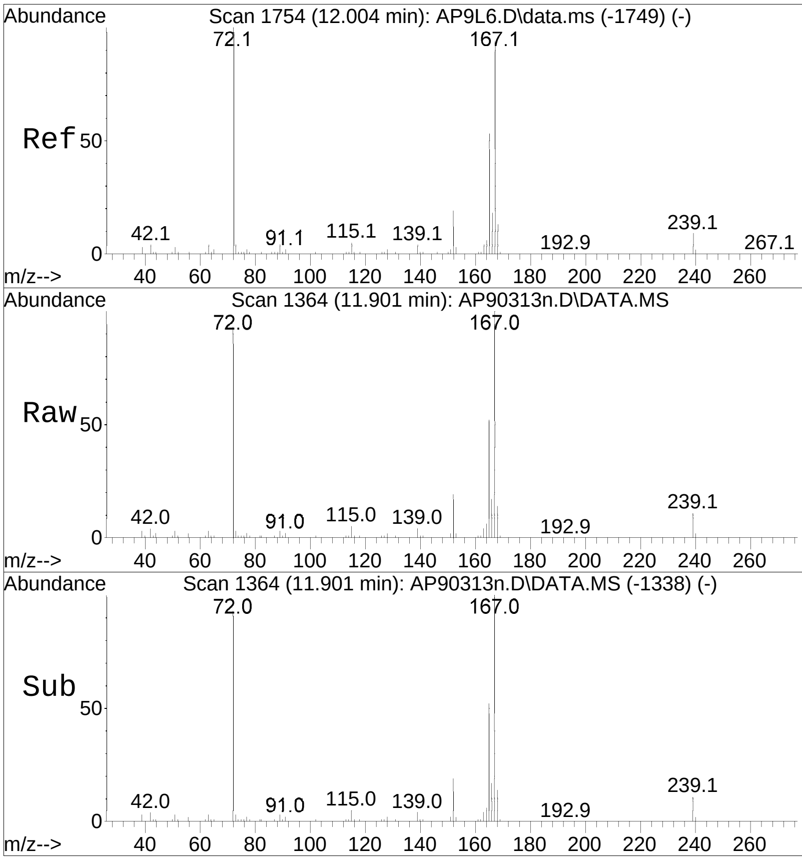


#85
Pentachloronitrobenzene
Concen: 5.28 ug/ml
RT: 10.836 min Scan# 1230
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:237 Resp: 27970

Ion	Ratio	Lower	Upper
237	100		
142	63.9	77.0	115.4#
214	69.8	58.2	87.4

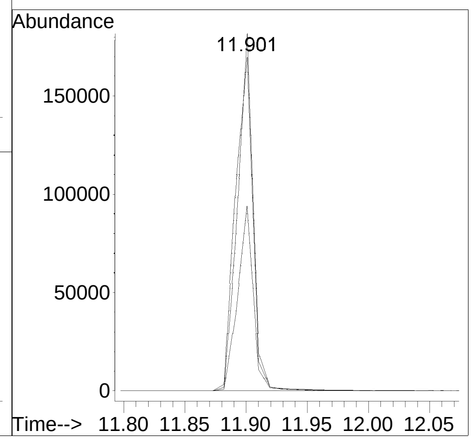




#99
Diphenamid
Concen: 5.25 ug/ml
RT: 11.901 min Scan# 1364
Delta R.T. 0.000 min
Lab File: AP90313n.D
Acq: 13 Mar 2025 8:29 pm

Tgt Ion:167 Resp: 159382

Ion	Ratio	Lower	Upper
167	100		
72	103.6	109.7	164.5#
165	53.4	41.8	62.6



Manual Integration Report

```
Data Path   : I:\8270\SV106\250313RVTn\ QMethod     : FS250311SV106.m
Data File   : AP90313n.D                Operator    : SV106:slr
Date Inj'd  : 3/13/2025  8:29 pm        Instrument  : SV 106
Sample      : WG2040337-4,32,,AP9 11152 Quant Date  : 3/13/2025  9:16 pm
```

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV106\250313RVTn\
Data File : ADP0313n.D
Acq On : 13 Mar 2025 8:53 pm
Operator : SV106:slr
Sample : WG2040337-5,32,,ADP 11153 gmr0304B
Misc : WG2040337,,ical22075
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Mar 13 21:17:33 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 21:18:18 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	108	0.00
33	t	1,4-Dioxane		0.548	0.468	14.6	108	0.00
34	T	n-Decane		1.700	1.589	6.5	109	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	106	0.00
87	T	Atrazine		0.366	0.303	17.2	96	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	106	0.00
101	T	n-Octadecane		0.458	0.444	3.1	107	0.00
102	T	Parathion	*	5.000	5.536	-10.7	118	0.00
103	T	3,3'-Dimethylbenzidine	*	5.000	4.314	13.7	103	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVTn\
Data File : ADP0313n.D
Acq On : 13 Mar 2025 8:53 pm
Operator : SV106:slr
Sample : WG2040337-5,32,,ADP 11153 gmr0304B
Misc : WG2040337,,ical22075
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Mar 13 21:17:33 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 21:18:18 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	6.351	152	62704	4.000 ug/ml	0.00
86) IS3_Acenaphthene-d10	9.550	164	134590	4.000 ug/ml	0.00
100) IS3_Phenanthrene-d10	10.988	188	281638	4.000 ug/ml	# 0.00
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.746	88	36691	4.272 ug/ml#	57
34) n-Decane	6.249	57	124556	4.675 ug/ml#	36
87) Atrazine	10.768	200	51006	4.147 ug/ml	94
101) n-Octadecane	10.972	57	156375	4.850 ug/ml#	1
102) Parathion	11.778	109	22408	5.536 ug/ml	97
103) 3,3'-Dimethylbenzidine	13.054	212	204729	4.314 ug/ml	99

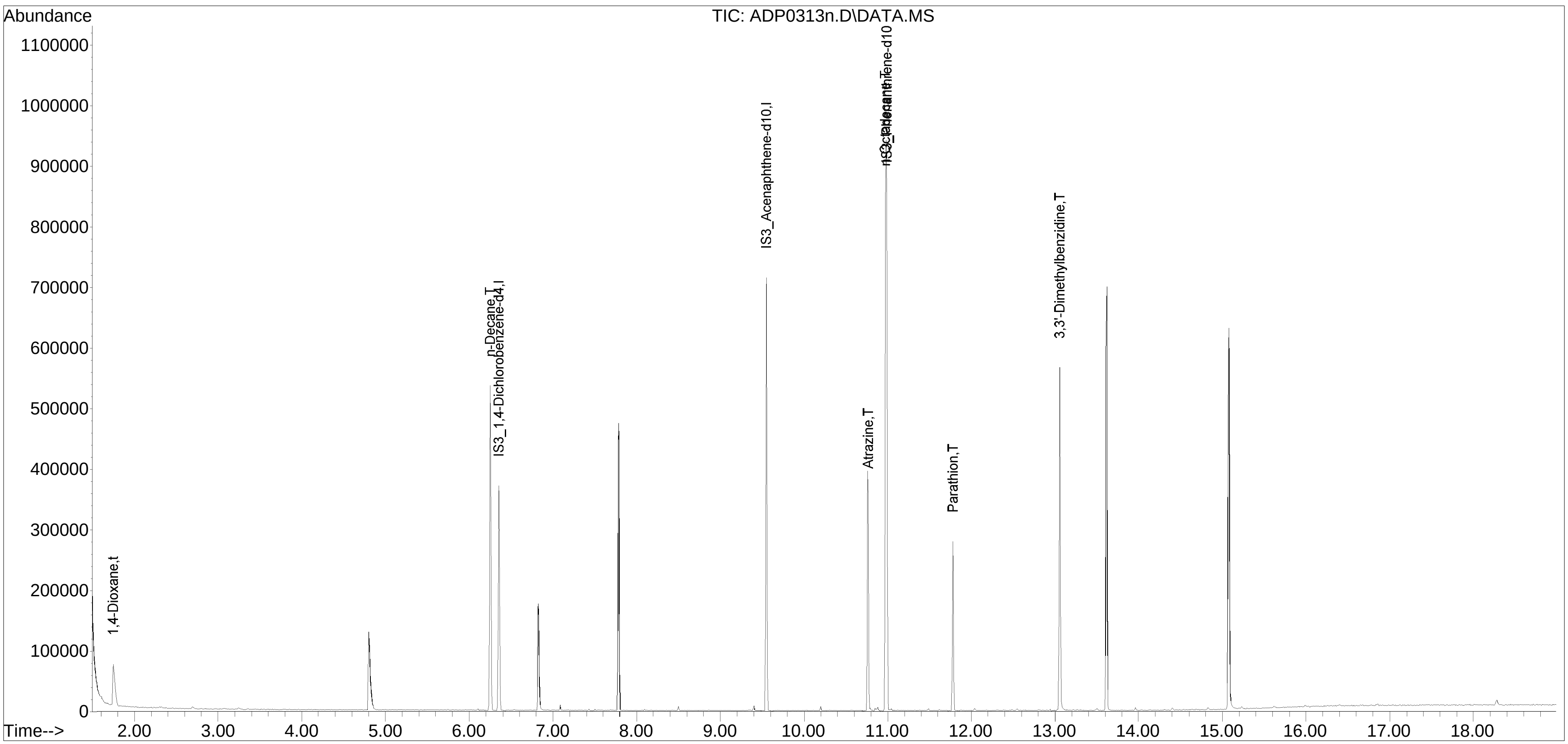
(#) = qualifier out of range (m) = manual integration (+) = signals summed

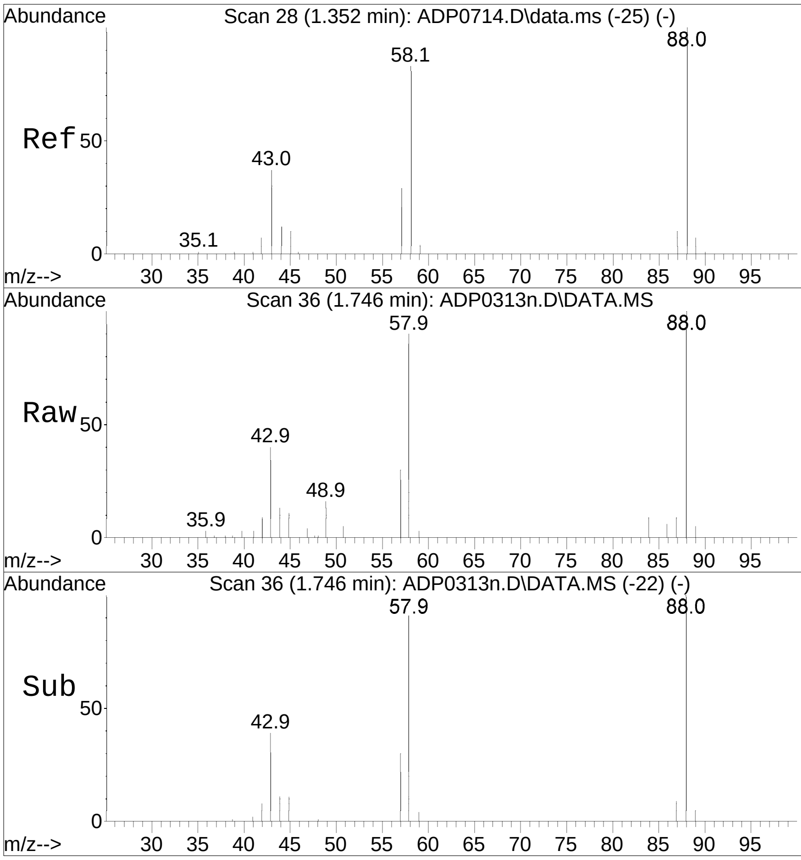
Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVTn\
Data File : ADP0313n.D
Acq On    : 13 Mar 2025   8:53 pm
Operator  : SV106:slr
Sample    : WG2040337-5,32,,ADP 11153 gmr0304B
Misc      : WG2040337,,ical22075
ALS Vial  : 144   Sample Multiplier: 1

Quant Time: Mar 13 21:17:33 2025
Quant Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 21:18:18 2025
Response via : Initial Calibration

Sub List     : ADPical_REV2 - ADP sublist
```

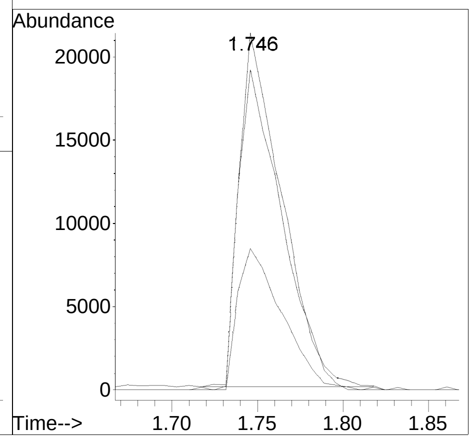


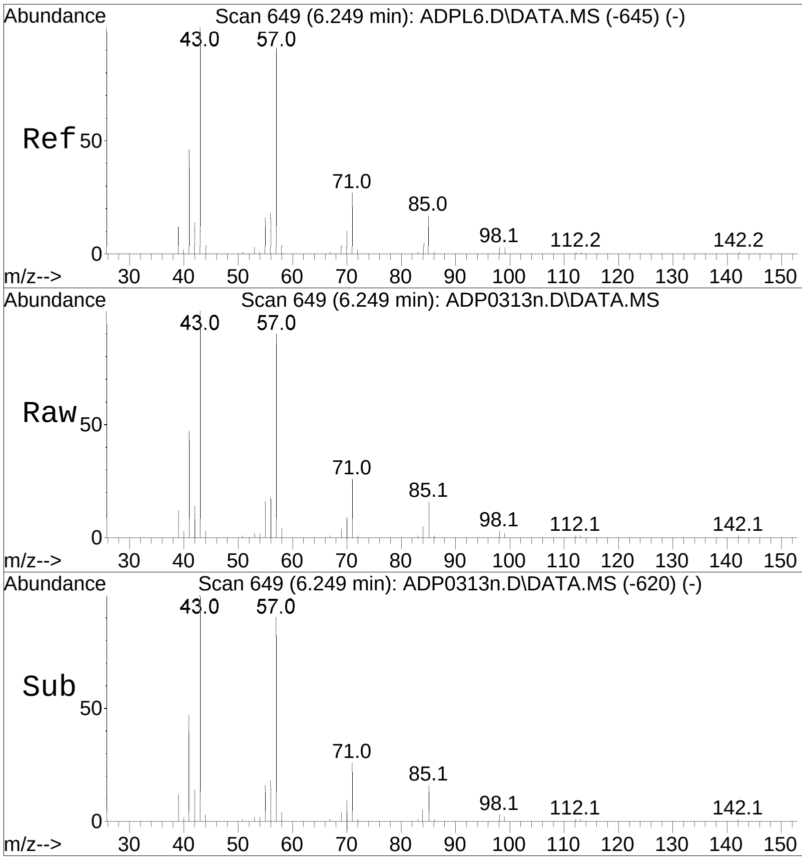


#33
1,4-Dioxane
Concen: 4.27 ug/ml
RT: 1.746 min Scan# 36
Delta R.T. 0.000 min
Lab File: ADP0313n.D
Acq: 13 Mar 2025 8:53 pm

Tgt Ion: 88 Resp: 36691

Ion	Ratio	Lower	Upper
88	100		
58	92.9	44.8	67.2#
43	42.1	22.4	33.6#

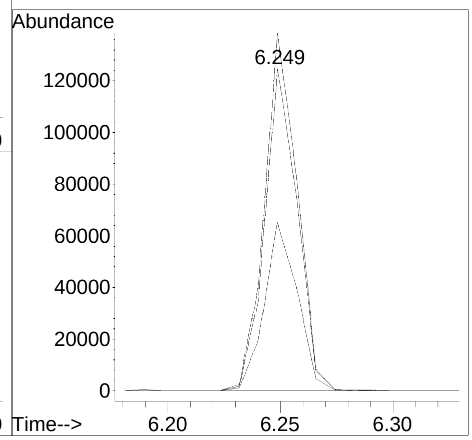


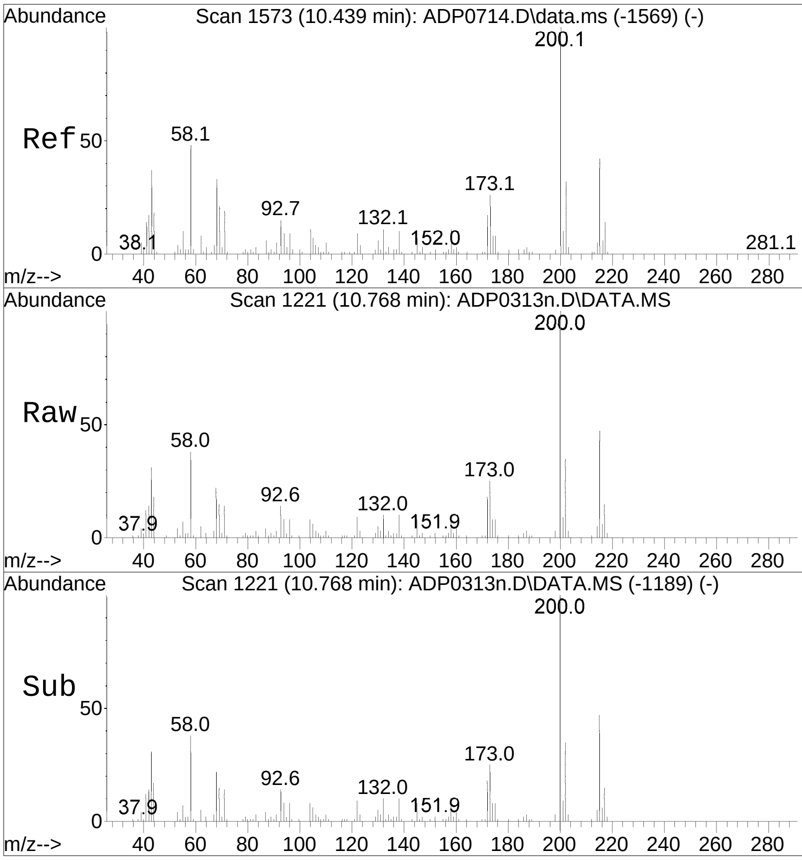


#34
n-Decane
Concen: 4.67 ug/ml
RT: 6.249 min Scan# 649
Delta R.T. 0.000 min
Lab File: ADP0313n.D
Acq: 13 Mar 2025 8:53 pm

Tgt Ion: 57 Resp: 124556

Ion	Ratio	Lower	Upper
57	100		
43	111.5	0.2	0.2#
41	53.4	0.2	0.2#

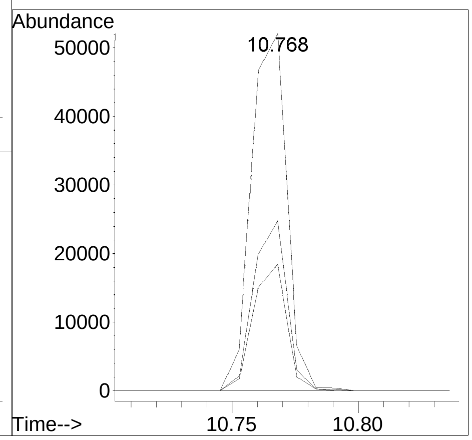


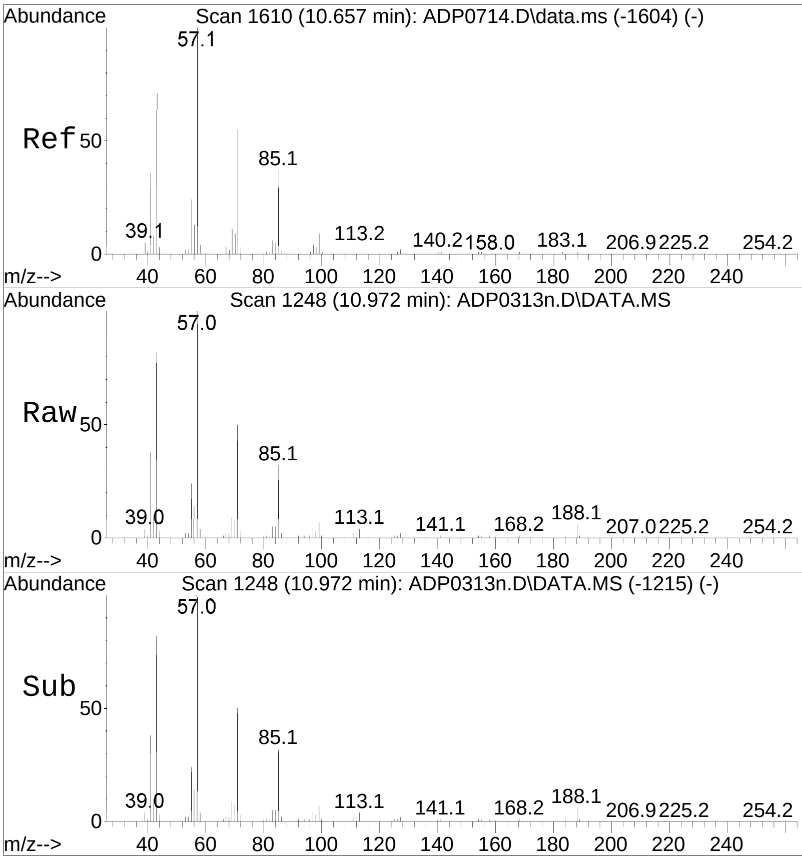


#87
Atrazine
Concen: 4.15 ug/ml
RT: 10.768 min Scan# 1221
Delta R.T. 0.000 min
Lab File: ADP0313n.D
Acq: 13 Mar 2025 8:53 pm

Tgt Ion:200 Resp: 51006

Ion	Ratio	Lower	Upper
200	100		
202	33.4	25.8	38.6
215	44.7	40.2	60.4

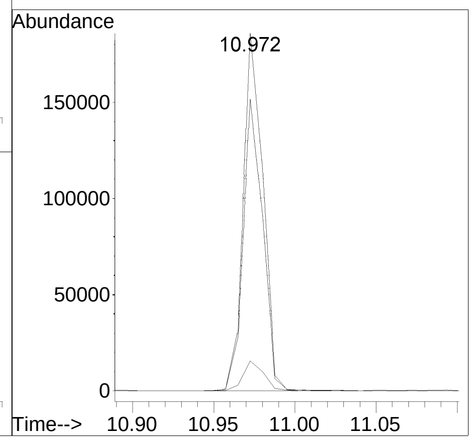


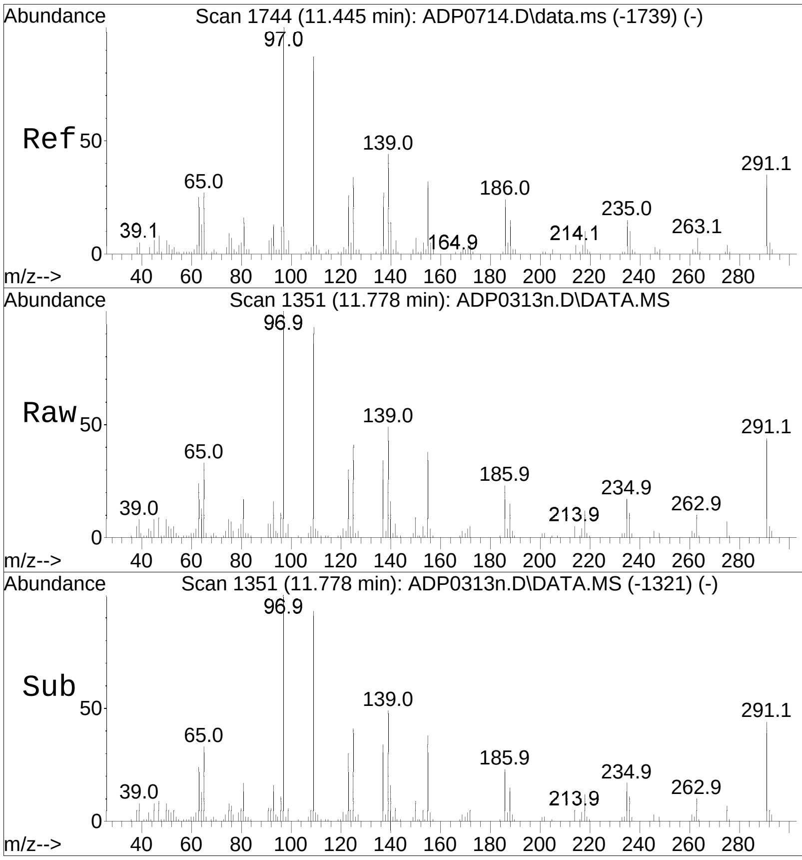


#101
n-Octadecane
Concen: 4.85 ug/ml
RT: 10.972 min Scan# 1248
Delta R.T. 0.000 min
Lab File: ADP0313n.D
Acq: 13 Mar 2025 8:53 pm

Tgt Ion: 57 Resp: 156375

Ion	Ratio	Lower	Upper
57	100		
43	81.3	9.0	13.6#
70	8.7	0.2	0.2#

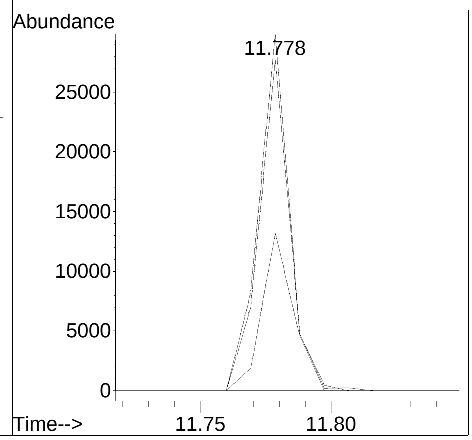


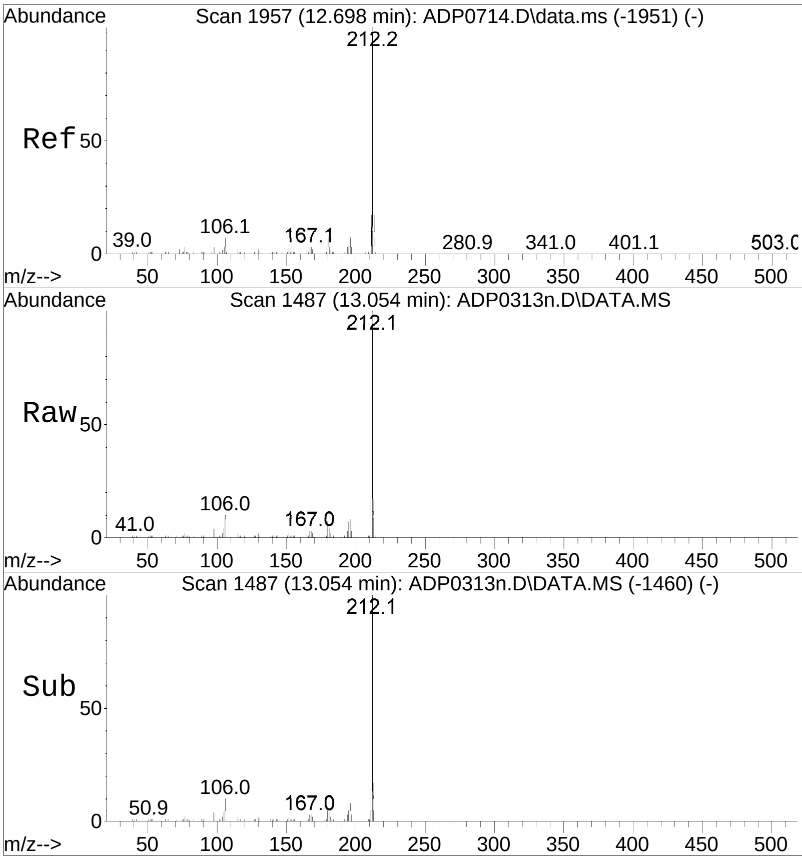


#102
Parathion
Concen: 5.54 ug/ml
RT: 11.778 min Scan# 1351
Delta R.T. 0.000 min
Lab File: ADP0313n.D
Acq: 13 Mar 2025 8:53 pm

Tgt Ion:109 Resp: 22408

Ion	Ratio	Lower	Upper
109	100		
97	108.4	87.4	131.2
291	49.2	34.2	51.2

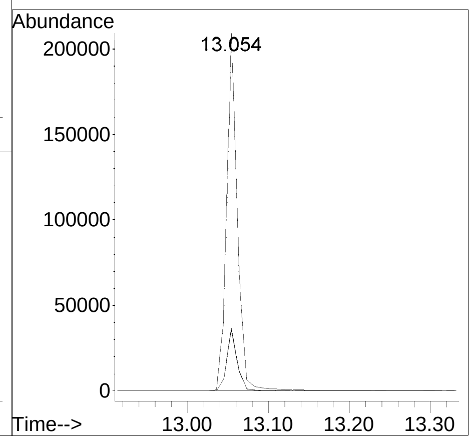




#103
3,3'-Dimethylbenzidine
Concen: 4.31 ug/ml
RT: 13.054 min Scan# 1487
Delta R.T. 0.000 min
Lab File: ADP0313n.D
Acq: 13 Mar 2025 8:53 pm

Tgt Ion:212 Resp: 204729

Ion	Ratio	Lower	Upper
212	100		
211	16.1	12.9	19.3
213	15.7	13.2	19.8



Manual Integration Report

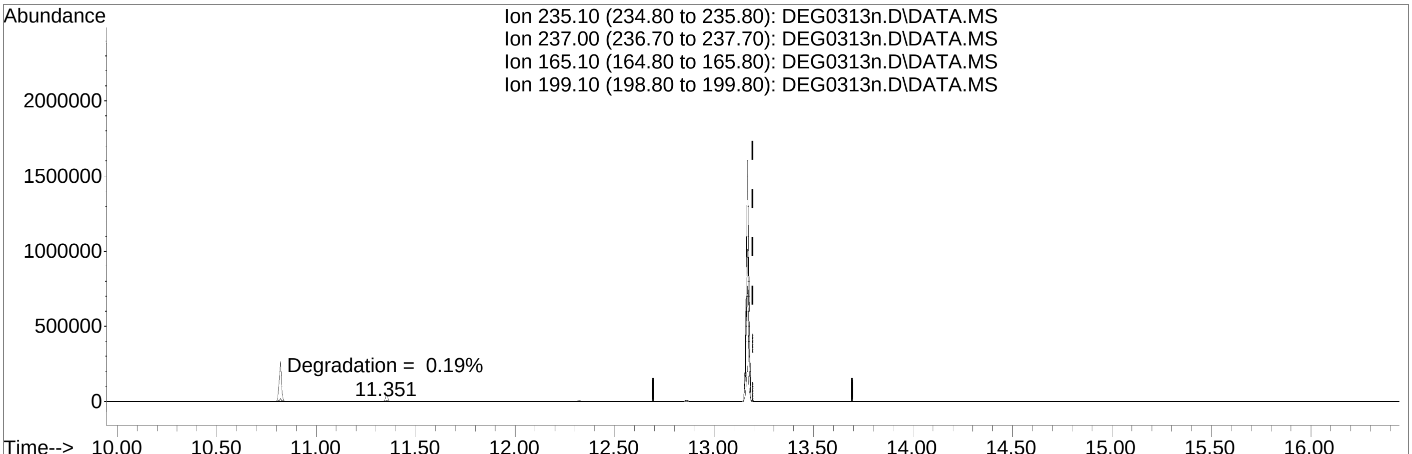
Data Path	: I:\8270\SV106\250313RVTn\	QMethod	: FS250311SV106.m
Data File	: ADP0313n.D	Operator	: SV106:slr
Date Inj'd	: 3/13/2025 8:53 pm	Instrument	: SV 106
Sample	: WG2040337-5,32,,ADP 11153	Quant Date	: 3/13/2025 9:18 pm

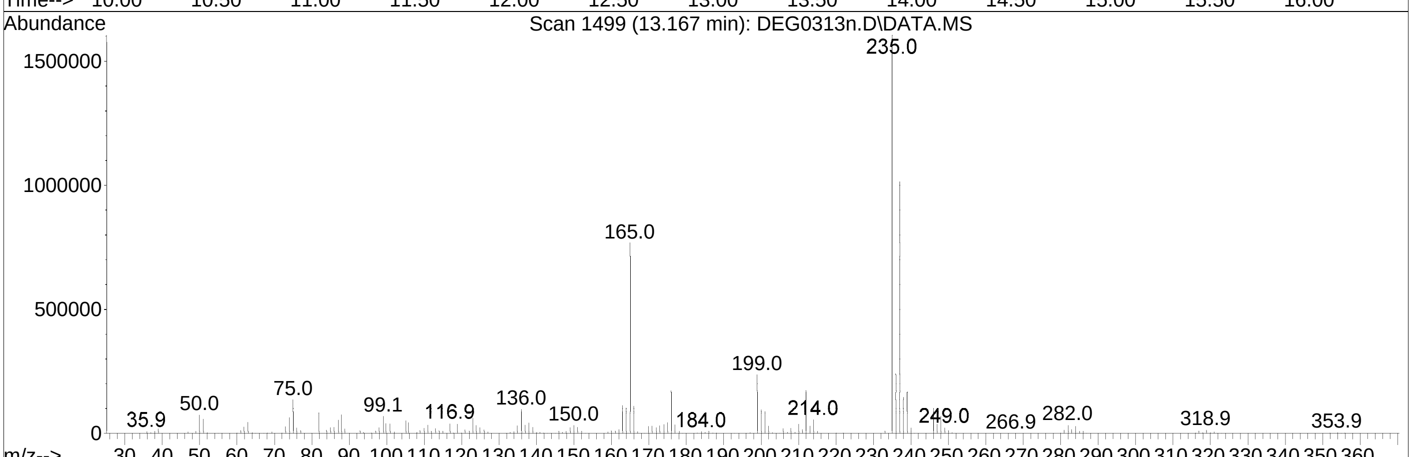
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250313RVTn\
Data File : DEG0313n.D
Acq On : 13 Mar 2025 7:42 pm
Operator : SV106: slr
Sample : WG2040337-2,32,,SV106 Degdftpp Lot#11459
Misc : WG2040337,,ical22075
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 13 20:02:42 2025
Quant Method : I:\8270\SV106\250313RVTn\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration





TIC: DEG0313n.D\DATA.MS

(6) DDT (T)

13.167min (-0.028) 258.99

response 1578719

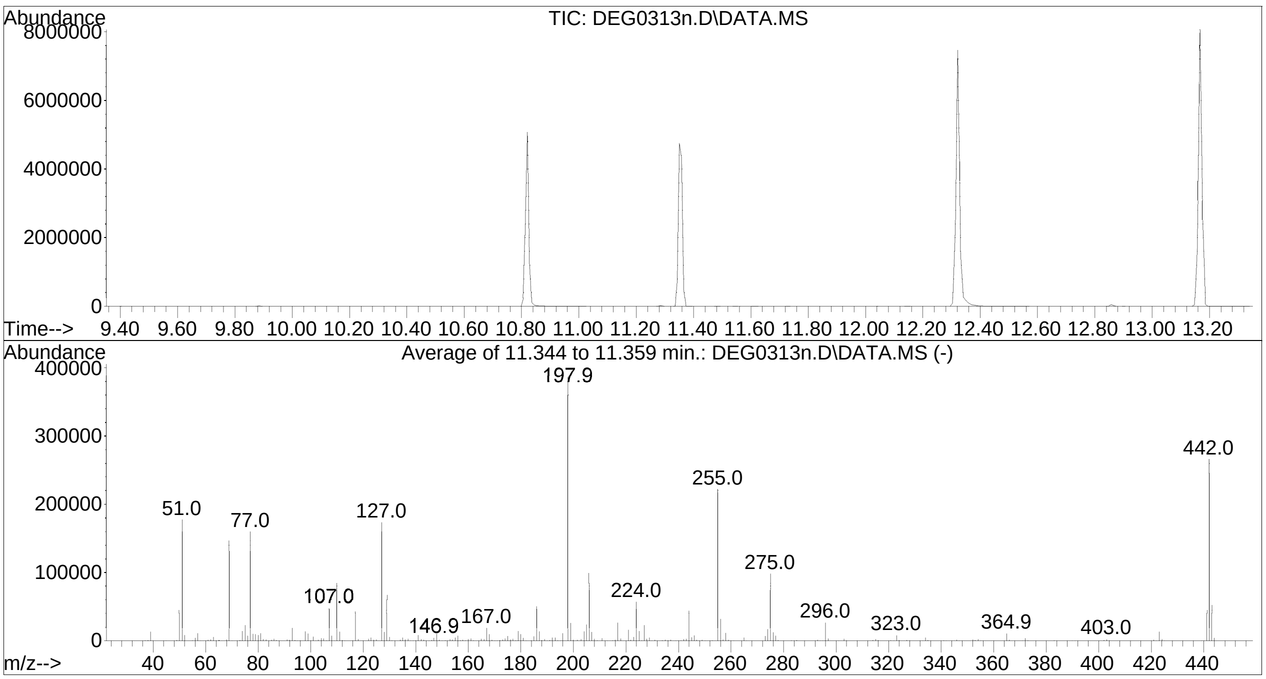
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.30	63.58
165.10	44.50	43.80
199.10	14.80	14.38

DFTPP

Data Path : I:\8270\SV106\250313RVTn\
Data File : DEG0313n.D
Acq On : 13 Mar 2025 7:42 pm
Operator : SV106: ASK
Sample : WG2040337-1,32,,SV106 Degdftpp Lot#11459
Misc : WG2040337,,ical22075
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV106\250313RVTn\FS250311SV106.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Mar 13 21:18:16 2025



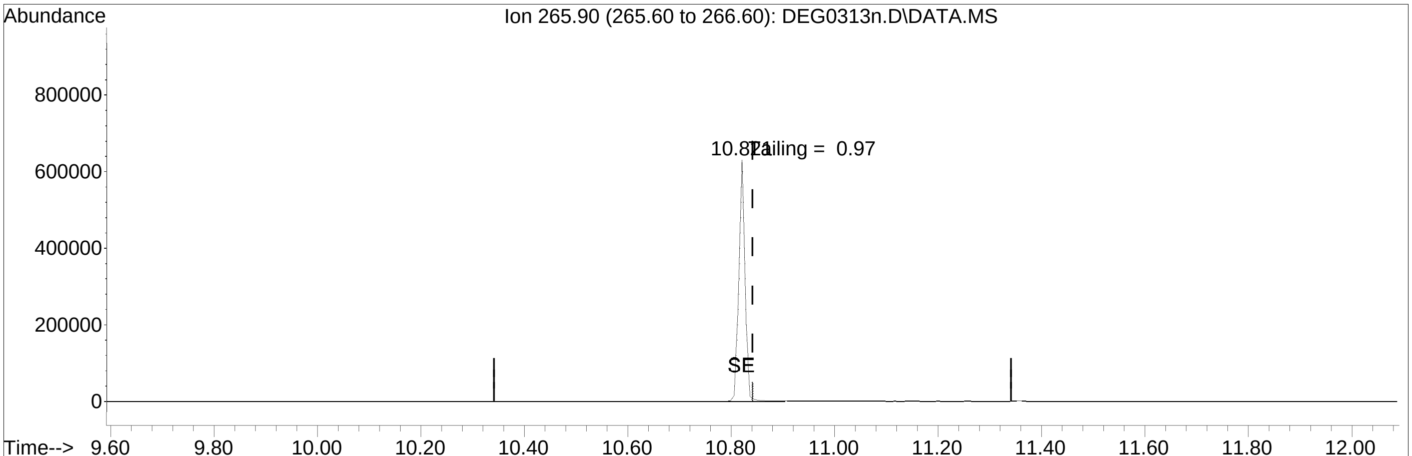
Spectrum Information: Average of 11.344 to 11.359 min.

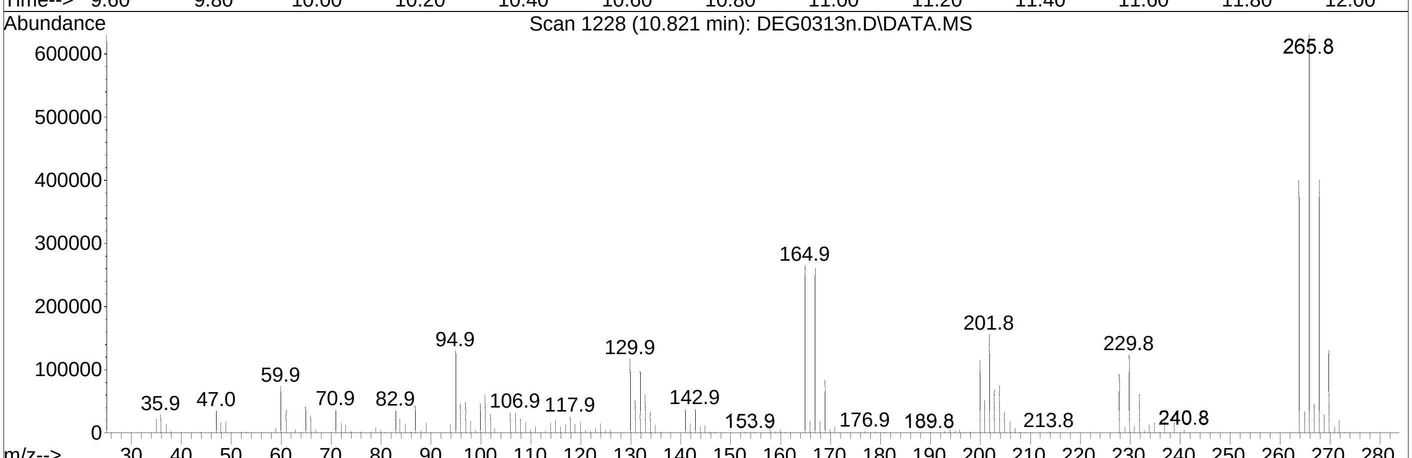
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	45.9	177379	PASS
68	69	0.00	2	1.7	2430	PASS
69	69	100	100	100.0	146491	PASS
70	69	0.00	2	0.5	710	PASS
127	198	10	80	45.0	173779	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	386275	PASS
199	198	5	9	6.7	25907	PASS
275	198	10	60	25.4	98170	PASS
365	198	1	100	2.8	10901	PASS
441	442	0.01	24	16.7	44464	PASS
442	198	50	100	68.8	265901	PASS
443	442	15	24	19.6	52127	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250313RVTn\
Data File : DEG0313n.D
Acq On : 13 Mar 2025 7:42 pm
Operator : SV106: slr
Sample : WG2040337-7,32,,SV106 Degdftpp Lot#11459
Misc : WG2040337,,ical22075
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 13 20:02:42 2025
Quant Method : I:\8270\SV106\250313RVTn\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration





TIC: DEG0313n.D\DATA.MS

(1) Pentachlorophenol (T)

10.821min (-0.021) 238.56

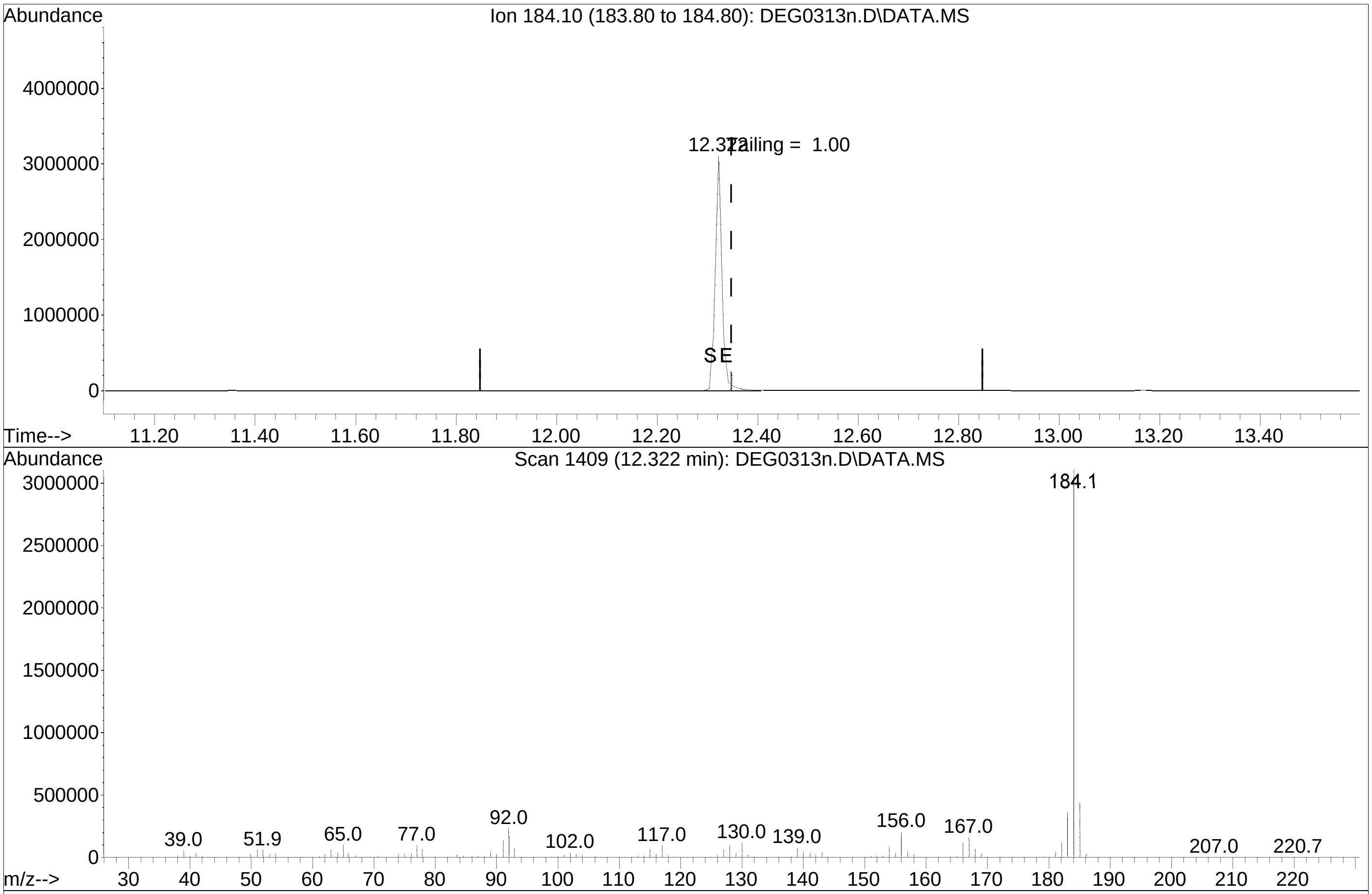
response 501069

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV106\250313RVTn\
Data File : DEG0313n.D
Acq On : 13 Mar 2025 7:42 pm
Operator : SV106: slr
Sample : WG2040337-6,32,,SV106 Degdftpp Lot#11459
Misc : WG2040337,,ical22075
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 13 20:02:42 2025
Quant Method : I:\8270\SV106\250313RVTn\DftppSV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 06 00:46:17 2025
Response via : Initial Calibration



(3) Benzidine (T)

12.322min (-0.026) 273.29

response 2782134

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:03
Lab File ID	: ABN0313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-3	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
n-Nitrosodimethylamine	0.718	0.729	-	-1.5	20	111	0
Pyridine	1.251	0.961	-	23.2*	20	90	0
2-Fluorophenol	1.128	1.061	-	5.9	20	103	0
Aniline	1.738	1.776	-	-2.2	20	105	0
2-Chlorophenol	1.218	1.195	-	1.9	20	107	0
Phenol-d6	1.323	1.297	-	2	20	106	0
Phenol	1.459	1.451	-	0.5	20	109	0
Bis(2-chloroethyl)ether	1.159	1.182	-	-2	20	112	0
1,3-Dichlorobenzene	1.54	1.458	-	5.3	20	107	0
1,4-Dichlorobenzene	1.574	1.509	-	4.1	20	105	0
1,2-Dichlorobenzene	1.49	1.452	-	2.6	20	109	0
Benzyl alcohol	0.91	0.891	-	2.1	20	106	0
Bis(2-chloroisopropyl)ethe	2.704	2.936	-	-8.6	20	121	0
2-Methylphenol	1.283	1.25	-	2.6	20	109	0
Hexachloroethane	0.546	0.533	-	2.4	20	106	0
n-Nitrosodi-n-propylamine	0.855	0.856	-	-0.1	20	108	0
3-Methylphenol/4-Methylphe	1.11	1.135	-	-2.3	20	110	0
Nitrobenzene-d5	1.096	1.138	-	-3.8	20	111	0
Nitrobenzene	1.118	1.204	-	-7.7	20	113	0
Isophorone	2.296	2.3	-	-0.2	20	108	0
2-Nitrophenol	0.509	0.527	-	-3.5	20	110	0
2,4-Dimethylphenol	1.198	1.215	-	-1.4	20	106	0
Bis(2-chloroethoxy)methane	1.639	1.269	-	22.6*	20	93	0
2,4-Dichlorophenol	1.137	1.145	-	-0.7	20	106	0
1,2,4-Trichlorobenzene	1.457	1.381	-	5.2	20	107	0
IS1_Naphthalene-d8	1	1	-	0	20	113	0
Naphthalene	1.066	1.011	-	5.2	20	112	0
Benzoic Acid	5	3.27	-	34.6*	20	95	0
4-Chloroaniline	0.132	0.128	-	3	20	109	0
Hexachlorobutadiene	0.244	0.225	-	7.8	20	106	0
p-Chloro-m-cresol	0.325	0.292	-	10.2	20	106	0
2-Methylnaphthalene	0.638	0.616	-	3.4	20	111	0
1-Methylnaphthalene	0.245	0.224	-	8.6	20	108	0
Hexachlorocyclopentadiene	0.3	0.264	-	12	20	100	0
2,4,6-Trichlorophenol	0.251	0.223	-	11.2	20	100	0
2,4,5-Trichlorophenol	0.255	0.257	-	-0.8	20	110	0
2-Fluorobiphenyl	0.923	0.846	-	8.3	20	107	0
2-Chloronaphthalene	0.756	0.701	-	7.3	20	108	0
2-Nitroaniline	0.166	0.166	-	0	20	108	0
1,4-Dinitrobenzene	5	3.259	-	34.8*	20	63	0
1,3-Dinitrobenzene	0.104	0.096	-	7.7	20	108	0
Dimethyl phthalate	0.908	0.85	-	6.4	20	106	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:03
Lab File ID	: ABN0313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-3	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.201	1.118	-	6.9	20	107	0
2,6-Dinitrotoluene	0.151	0.164	-	-8.6	20	104	0
1,2-Dinitrobenzene	0.063	0.066	-	-4.8	20	106	0
IS1_Acenaphthene-d10	1	1	-	0	20	106	0
3-Nitroaniline	0.252	0.269	-	-6.7	20	108	0
Acenaphthene	1.101	1.045	-	5.1	20	108	0
2,4-Dinitrophenol	5	4.576	-	8.5	20	108	0
Dibenzofuran	1.914	1.738	-	9.2	20	109	0
2,4-Dinitrotoluene	5	4.809	-	3.8	20	107	0
4-Nitrophenol	0.192	0.202	-	-5.2	20	108	0
2,3,5,6-Tetrachlorophenol	0.365	0.48	-	-31.5*	20	144	0
2,3,4,6-Tetrachlorophenol	0.344	0.337	-	2	20	102	0
Diethyl phthalate	1.359	1.307	-	3.8	20	103	0
Fluorene	1.41	1.358	-	3.7	20	107	0
4-Chlorophenyl phenyl ethe	0.738	0.689	-	6.6	20	106	0
4-Nitroaniline	0.246	0.279	-	-13.4	20	114	0
4,6-Dinitro-o-cresol	5	4.31	-	13.8	20	107	0
NDPA/DPA	1.176	1.128	-	4.1	20	106	0
Azobenzene	1.121	1.165	-	-3.9	20	111	0
2,4,6-Tribromophenol	0.206	0.189	-	8.3	20	94	0
4-Bromophenyl phenyl ether	0.463	0.428	-	7.6	20	103	0
Hexachlorobenzene	0.543	0.486	-	10.5	20	103	0
Pentachlorophenol	0.282	0.257	-	8.9	20	98	0
IS1_Phenanthrene-d10	1	1	-	0	20	107	0
Phenanthrene	1.135	1.078	-	5	20	108	0
Anthracene	1.107	1.077	-	2.7	20	106	0
Carbazole	0.989	0.986	-	0.3	20	106	0
Di-n-butylphthalate	1.116	1.239	-	-11	20	119	0
Fluoranthene	1.298	1.268	-	2.3	20	108	0
Benzidine	0.704	0.746	-	-6	20	108	0
Pyrene	1.359	1.341	-	1.3	20	108	0
4-Terphenyl-d14	1.038	0.977	-	5.9	20	105	0
Butyl benzyl phthalate	5	4.197	-	16.1	20	103	0
IS1_Chrysene-d12	1	1	-	0	20	106	0
Benzo(a)anthracene	1.278	1.252	-	2	20	108	0
3,3'-Dichlorobenzidine	0.429	0.446	-	-4	20	103	0
Chrysene	1.267	1.184	-	6.6	20	105	0
Bis(2-ethylhexyl)phthalate	5	4.472	-	10.6	20	104	0
Di-n-octylphthalate	5	4.133	-	17.3	20	101	0
Benzo(b)fluoranthene	1.314	1.203	-	8.4	20	95	0
Benzo(k)fluoranthene	1.222	1.174	-	3.9	20	104	0
Benzo(a)pyrene	1.157	1.091	-	5.7	20	98	0
IS1_Perylene-d12	1	1	-	0	20	100	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:03
Lab File ID	: ABN0313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-3	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.068	1.126	-	-5.4	20	99	0
Dibenzo(a,h)anthracene	1.063	1.085	-	-2.1	20	99	0
Benzo(ghi)perylene	1.047	1.074	-	-2.6	20	101	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Calibration Date	: 03/13/25 11:27
Lab File ID	: AP90313	Init. Calib. Date(s)	: 03/11/25 03/12/25
Sample No	: WG2040166-4	Init. Calib. Times	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
Benzaldehyde	0.954	0.85	-	10.9	20	91	0
Acetophenone	1.646	1.733	-	-5.3	20	105	0
m-Toluidine	1.514	1.529	-	-1	20	99	0
2-Chloroaniline	1.481	1.589	-	-7.3	20	109	0
IS2_Naphthalene-d8	1	1	-	0	20	101	0
a-Terpineol	0.275	0.308	-	-12	20	115	0
3-Chloroaniline	0.139	0.15	-	-7.9	20	108	0
2,6-Dichlorophenol	0.27	0.286	-	-5.9	20	110	0
1-chloro-2-nitrobenzene	0.108	0.125	-	-15.7	20	122	0
Caprolactam	0.165	0.174	-	-5.5	20	119	0
1,2,4,5-Tetrachlorobenzene	0.401	0.409	-	-2	20	108	0
Biphenyl	0.885	0.907	-	-2.5	20	109	0
IS2_Acenaphthene-d10	1	1	-	0	20	103	0
Dichloran	5	5.77	-	-15.4	20	129	0
Pentachloronitrobenzene	0.144	0.16	-	-11.1	20	124	0
IS2_Phenanthrene-d10	1	1	-	0	20	102	0
Diphenamid	0.413	0.458	-	-10.9	20	109	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504	
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:50	
Lab File ID	: ADP0313	**Init. Calib. Date(s)**	: 03/11/25	03/12/25
Sample No	: WG2040166-5	**Init. Calib. Times**	: 16:50	06:06
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
1,4-Dioxane	0.548	0.453	-	17.3	20	98	0
n-Decane	1.7	1.615	-	5	20	104	0
IS3_Acenaphthene-d10	1	1	-	0	20	104	0
Atrazine	0.366	0.312	-	14.8	20	97	0
IS3_Phenanthrene-d10	1	1	-	0	20	104	0
n-Octadecane	0.458	0.45	-	1.7	20	107	0
Parathion	5	5.766	-	-15.3	20	122	0
3,3'-Dimethylbenzidine	5	4.306	-	13.9	20	101	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 20:06
Lab File ID	: ABN0313N	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040337-3	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
n-Nitrosodimethylamine	0.718	0.71	-	1.1	20	109	0
Pyridine	1.251	0.894	-	28.5*	20	83	0
2-Fluorophenol	1.128	1.033	-	8.4	20	100	0
Aniline	1.738	1.768	-	-1.7	20	105	0
2-Chlorophenol	1.218	1.182	-	3	20	106	0
Phenol-d6	1.323	1.261	-	4.7	20	104	0
Phenol	1.459	1.427	-	2.2	20	108	0
Bis(2-chloroethyl)ether	1.159	1.151	-	0.7	20	109	0
1,3-Dichlorobenzene	1.54	1.482	-	3.8	20	109	0
1,4-Dichlorobenzene	1.574	1.514	-	3.8	20	106	0
1,2-Dichlorobenzene	1.49	1.431	-	4	20	108	0
Benzyl alcohol	0.91	0.888	-	2.4	20	105	0
Bis(2-chloroisopropyl)ethe	2.704	3.038	-	-12.4	20	125	0
2-Methylphenol	1.283	1.23	-	4.1	20	108	0
Hexachloroethane	0.546	0.532	-	2.6	20	106	0
n-Nitrosodi-n-propylamine	0.855	0.834	-	2.5	20	106	0
3-Methylphenol/4-Methylphe	1.11	1.109	-	0.1	20	107	0
Nitrobenzene-d5	1.096	1.097	-	-0.1	20	107	0
Nitrobenzene	1.118	1.164	-	-4.1	20	110	0
Isophorone	2.296	2.233	-	2.7	20	105	0
2-Nitrophenol	0.509	0.506	-	0.6	20	106	0
2,4-Dimethylphenol	1.198	1.173	-	2.1	20	103	0
Bis(2-chloroethoxy)methane	1.639	1.494	-	8.8	20	109	0
2,4-Dichlorophenol	1.137	1.109	-	2.5	20	103	0
1,2,4-Trichlorobenzene	1.457	1.355	-	7	20	105	0
IS1_Naphthalene-d8	1	1	-	0	20	110	0
Naphthalene	1.066	1.02	-	4.3	20	110	0
Benzoic Acid	5	3.646	-	27.1*	20	105	0
4-Chloroaniline	0.132	0.129	-	2.3	20	107	0
Hexachlorobutadiene	0.244	0.224	-	8.2	20	103	0
p-Chloro-m-cresol	0.325	0.305	-	6.2	20	108	0
2-Methylnaphthalene	0.638	0.631	-	1.1	20	111	0
1-Methylnaphthalene	0.245	0.227	-	7.3	20	107	0
Hexachlorocyclopentadiene	0.3	0.261	-	13	20	96	0
2,4,6-Trichlorophenol	0.251	0.237	-	5.6	20	103	0
2,4,5-Trichlorophenol	0.255	0.242	-	5.1	20	101	0
2-Fluorobiphenyl	0.923	0.854	-	7.5	20	105	0
2-Chloronaphthalene	0.756	0.713	-	5.7	20	107	0
2-Nitroaniline	0.166	0.168	-	-1.2	20	106	0
1,4-Dinitrobenzene	5	4.237	-	15.3	20	90	0
1,3-Dinitrobenzene	0.104	0.098	-	5.8	20	108	0
Dimethyl phthalate	0.908	0.863	-	5	20	105	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Calibration Date	: 03/13/25 20:06
Lab File ID	: ABN0313N	Init. Calib. Date(s)	: 03/11/25 03/12/25
Sample No	: WG2040337-3	Init. Calib. Times	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.201	1.138	-	5.2	20	106	0
2,6-Dinitrotoluene	0.151	0.171	-	-13.2	20	106	0
1,2-Dinitrobenzene	0.063	0.068	-	-7.9	20	107	0
IS1_Acenaphthene-d10	1	1	-	0	20	104	0
3-Nitroaniline	0.252	0.276	-	-9.5	20	108	0
Acenaphthene	1.101	1.036	-	5.9	20	105	0
2,4-Dinitrophenol	5	4.966	-	0.7	20	115	0
Dibenzofuran	1.914	1.752	-	8.5	20	108	0
2,4-Dinitrotoluene	5	4.745	-	5.1	20	103	0
4-Nitrophenol	0.192	0.203	-	-5.7	20	107	0
2,3,5,6-Tetrachlorophenol	0.365	0.477	-	-30.7*	20	140	0
2,3,4,6-Tetrachlorophenol	0.344	0.327	-	4.9	20	97	0
Diethyl phthalate	1.359	1.306	-	3.9	20	101	0
Fluorene	1.41	1.35	-	4.3	20	104	0
4-Chlorophenyl phenyl ethe	0.738	0.685	-	7.2	20	103	0
4-Nitroaniline	0.246	0.269	-	-9.3	20	107	0
4,6-Dinitro-o-cresol	5	4.234	-	15.3	20	103	0
NDPA/DPA	1.176	1.15	-	2.2	20	105	0
Azobenzene	1.121	1.187	-	-5.9	20	111	0
2,4,6-Tribromophenol	0.206	0.19	-	7.8	20	92	0
4-Bromophenyl phenyl ether	0.463	0.42	-	9.3	20	99	0
Hexachlorobenzene	0.543	0.495	-	8.8	20	103	0
Pentachlorophenol	0.282	0.26	-	7.8	20	97	0
IS1_Phenanthrene-d10	1	1	-	0	20	100	0
Phenanthrene	1.135	1.109	-	2.3	20	104	0
Anthracene	1.107	1.121	-	-1.3	20	104	0
Carbazole	0.989	1.015	-	-2.6	20	102	0
Di-n-butylphthalate	1.116	1.269	-	-13.7	20	114	0
Fluoranthene	1.298	1.312	-	-1.1	20	105	0
Benzidine	0.704	0.739	-	-5	20	100	0
Pyrene	1.359	1.38	-	-1.5	20	104	0
4-Terphenyl-d14	1.038	0.997	-	3.9	20	100	0
Butyl benzyl phthalate	5	4.169	-	16.6	20	95	0
IS1_Chrysene-d12	1	1	-	0	20	100	0
Benzo(a)anthracene	1.278	1.28	-	-0.2	20	105	0
3,3'-Dichlorobenzidine	0.429	0.442	-	-3	20	97	0
Chrysene	1.267	1.227	-	3.2	20	103	0
Bis(2-ethylhexyl)phthalate	5	4.433	-	11.3	20	98	0
Di-n-octylphthalate	5	4.064	-	18.7	20	94	0
Benzo(b)fluoranthene	1.314	1.271	-	3.3	20	95	0
Benzo(k)fluoranthene	1.222	1.168	-	4.4	20	98	0
Benzo(a)pyrene	1.157	1.111	-	4	20	94	0
IS1_Perylene-d12	1	1	-	0	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 20:06
Lab File ID	: ABN0313N	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040337-3	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.068	1.136	-	-6.4	20	95	0
Dibenzo(a,h)anthracene	1.063	1.082	-	-1.8	20	94	0
Benzo(ghi)perylene	1.047	1.079	-	-3.1	20	97	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504	
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 20:29	
Lab File ID	: AP90313N	**Init. Calib. Date(s)**	: 03/11/25	03/12/25
Sample No	: WG2040337-4	**Init. Calib. Times**	: 16:50	06:06
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	113	0
Benzaldehyde	0.954	0.82	-	14	20	98	0
Acetophenone	1.646	1.605	-	2.5	20	109	0
m-Toluidine	1.514	1.411	-	6.8	20	102	0
2-Chloroaniline	1.481	1.498	-	-1.1	20	115	0
IS2_Naphthalene-d8	1	1	-	0	20	109	0
a-Terpineol	0.275	0.303	-	-10.2	20	121	0
3-Chloroaniline	0.139	0.144	-	-3.6	20	112	0
2,6-Dichlorophenol	0.27	0.28	-	-3.7	20	116	0
1-chloro-2-nitrobenzene	0.108	0.124	-	-14.8	20	129	0
Caprolactam	0.165	0.162	-	1.8	20	119	0
1,2,4,5-Tetrachlorobenzene	0.401	0.398	-	0.7	20	114	0
Biphenyl	0.885	0.888	-	-0.3	20	115	0
IS2_Acenaphthene-d10	1	1	-	0	20	112	0
Dichloran	5	5.584	-	-11.7	20	135	0
Pentachloronitrobenzene	0.144	0.152	-	-5.6	20	129	0
IS2_Phenanthrene-d10	1	1	-	0	20	111	0
Diphenamid	0.413	0.434	-	-5.1	20	113	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV106**	**Calibration Date**	**: 03/13/25 20:53**
Lab File ID	**: ADP0313N**	**Init. Calib. Date(s)**	**: 03/11/25 03/12/25**
Sample No	**: WG2040337-5**	**Init. Calib. Times**	**: 16:50 06:06**
Channel	**:**		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	108	0
1,4-Dioxane	0.548	0.468	-	14.6	20	108	0
n-Decane	1.7	1.589	-	6.5	20	109	0
IS3_Acenaphthene-d10	1	1	-	0	20	106	0
Atrazine	0.366	0.303	-	17.2	20	96	0
IS3_Phenanthrene-d10	1	1	-	0	20	106	0
n-Octadecane	0.458	0.444	-	3.1	20	107	0
Parathion	5	5.536	-	-10.7	20	118	0
3,3'-Dimethylbenzidine	5	4.314	-	13.7	20	103	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504	
Instrument ID	: DAKOTA	**Calibration Date**	: 03/14/25 08:50	
Lab File ID	: ABN0314	**Init. Calib. Date(s)**	: 11/05/24	11/06/24
Sample No	: WG2040571-3	**Init. Calib. Times**	: 16:59	04:17
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	75	0
n-Nitrosodimethylamine	0.63	0.613	-	2.7	20	74	0
Pyridine	0.954	0.791	-	17.1	20	58	0
2-Fluorophenol	1.028	0.991	-	3.6	20	74	0
Aniline	1.567	1.621	-	-3.4	20	79	0
2-Chlorophenol	1.225	1.221	-	0.3	20	76	0
Phenol-d6	1.317	1.293	-	1.8	20	76	0
Phenol	1.421	1.406	-	1.1	20	76	0
Bis(2-chloroethyl)ether	1.017	0.985	-	3.1	20	75	0
1,3-Dichlorobenzene	1.577	1.449	-	8.1	20	72	0
1,4-Dichlorobenzene	1.61	1.454	-	9.7	20	71	0
1,2-Dichlorobenzene	1.534	1.425	-	7.1	20	73	0
Benzyl alcohol	0.93	0.96	-	-3.2	20	79	0
Bis(2-chloroisopropyl)ethe	1.794	1.862	-	-3.8	20	82	0
2-Methylphenol	1.079	1.065	-	1.3	20	79	0
Hexachloroethane	0.589	0.53	-	10	20	73	0
n-Nitrosodi-n-propylamine	0.863	0.832	-	3.6	20	77	0
3-Methylphenol/4-Methylphe	1.182	1.155	-	2.3	20	78	0
Nitrobenzene-d5	1.195	1.278	-	-6.9	20	81	0
Nitrobenzene	1.222	1.311	-	-7.3	20	82	0
Isophorone	2.247	2.266	-	-0.8	20	78	0
2-Nitrophenol	0.619	0.692	-	-11.8	20	87	0
2,4-Dimethylphenol	1.101	1.266	-	-15	20	89	0
Bis(2-chloroethoxy)methane	1.4	1.393	-	0.5	20	77	0
2,4-Dichlorophenol	1.285	1.307	-	-1.7	20	79	0
1,2,4-Trichlorobenzene	1.555	1.459	-	6.2	20	74	0
IS1_Naphthalene-d8	1	1	-	0	20	79	0
Naphthalene	1.1	0.999	-	9.2	20	77	0
Benzoic Acid	0.228	0.185	-	18.9	20	71	0
4-Chloroaniline	0.121	0.121	-	0	20	81	0
Hexachlorobutadiene	0.258	0.238	-	7.8	20	75	0
p-Chloro-m-cresol	0.29	0.284	-	2.1	20	80	0
2-Methylnaphthalene	0.761	0.665	-	12.6	20	75	0
1-Methylnaphthalene	0.242	0.247	-	-2.1	20	84	0
Hexachlorocyclopentadiene	0.272	0.278	-	-2.2	20	81	0
2,4,6-Trichlorophenol	0.287	0.278	-	3.1	20	79	0
2,4,5-Trichlorophenol	0.32	0.303	-	5.3	20	79	0
2-Fluorobiphenyl	0.99	0.898	-	9.3	20	78	0
2-Chloronaphthalene	0.852	0.782	-	8.2	20	77	0
2-Nitroaniline	0.218	0.219	-	-0.5	20	80	0
1,4-Dinitrobenzene	0.095	0.104	-	-9.5	20	87	0
1,3-Dinitrobenzene	0.113	0.119	-	-5.3	20	82	0
Dimethyl phthalate	0.991	0.915	-	7.7	20	78	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504	
Instrument ID	: DAKOTA	Calibration Date	: 03/14/25 08:50	
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 11/05/24	11/06/24
Sample No	: WG2040571-3	Init. Calib. Times	: 16:59	04:17
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.252	1.269	-	-1.4	20	85	0
2,6-Dinitrotoluene	0.185	0.186	-	-0.5	20	79	0
1,2-Dinitrobenzene	0.066	0.073	-	-10.6	20	82	0
IS1_Acenaphthene-d10	1	1	-	0	20	84	0
3-Nitroaniline	0.309	0.306	-	1	20	83	0
Acenaphthene	1.163	1.006	-	13.5	20	79	0
2,4-Dinitrophenol	5	2.88	-	42.4*	20	48	0
Dibenzofuran	2.006	1.725	-	14	20	79	0
2,4-Dinitrotoluene	0.387	0.402	-	-3.9	20	84	0
4-Nitrophenol	0.23	0.278	-	-20.9*	20	100	0
2,3,5,6-Tetrachlorophenol	0.436	0.377	-	13.5	20	74	0
2,3,4,6-Tetrachlorophenol	0.428	0.385	-	10	20	78	0
Diethyl phthalate	1.575	1.361	-	13.6	20	80	0
Fluorene	1.536	1.37	-	10.8	20	81	0
4-Chlorophenyl phenyl ethe	0.792	0.687	-	13.3	20	80	0
4-Nitroaniline	0.299	0.317	-	-6	20	85	0
4,6-Dinitro-o-cresol	0.234	0.213	-	9	20	74	0
NDPA/DPA	1.337	1.196	-	10.5	20	82	0
Azobenzene	1.281	1.252	-	2.3	20	86	0
2,4,6-Tribromophenol	0.286	0.24	-	16.1	20	74	0
4-Bromophenyl phenyl ether	0.522	0.432	-	17.2	20	76	0
Hexachlorobenzene	0.656	0.538	-	18	20	77	0
Pentachlorophenol	0.356	0.279	-	21.6*	20	66	0
IS1_Phenanthrene-d10	1	1	-	0	20	86	0
Phenanthrene	1.183	1.021	-	13.7	20	81	0
Anthracene	1.16	1.048	-	9.7	20	83	0
Carbazole	1.064	1.002	-	5.8	20	84	0
Di-n-butylphthalate	1.207	1.114	-	7.7	20	81	0
Fluoranthene	1.422	1.312	-	7.7	20	85	0
Benzidine	0.772	0.844	-	-9.3	20	90	0
Pyrene	1.52	1.42	-	6.6	20	85	0
4-Terphenyl-d14	1.157	1.06	-	8.4	20	85	0
Butyl benzyl phthalate	0.517	0.539	-	-4.3	20	89	0
IS1_Chrysene-d12	1	1	-	0	20	92	0
Benzo(a)anthracene	1.355	1.209	-	10.8	20	88	0
3,3'-Dichlorobenzidine	0.505	0.479	-	5.1	20	87	0
Chrysene	1.349	1.183	-	12.3	20	88	0
Bis(2-ethylhexyl)phthalate	0.726	0.696	-	4.1	20	87	0
Di-n-octylphthalate	1.212	1.21	-	0.2	20	91	0
Benzo(b)fluoranthene	1.42	1.321	-	7	20	92	0
Benzo(k)fluoranthene	1.383	1.281	-	7.4	20	87	0
Benzo(a)pyrene	1.267	1.24	-	2.1	20	92	0
IS1_Perylene-d12	1	1	-	0	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**		
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**		
Instrument ID	**: DAKOTA**	**Calibration Date**	**: 03/14/25 08:50**		
Lab File ID	**: ABN0314**	**Init. Calib. Date(s)**	**: 11/05/24**	**11/06/24**	
Sample No	**: WG2040571-3**	**Init. Calib. Times**	**: 16:59**	**04:17**	
Channel	**:**				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.234	1.147	-	7.1	20	91	0
Dibenzo(a,h)anthracene	1.213	1.177	-	3	20	93	0
Benzo(ghi)perylene	1.192	1.166	-	2.2	20	97	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: DAKOTA	**Calibration Date**	: 03/14/25 09:13
Lab File ID	: AP90314	**Init. Calib. Date(s)**	: 11/05/24 11/06/24
Sample No	: WG2040571-4	**Init. Calib. Times**	: 16:59 04:17
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	76	0
Benzaldehyde	0.703	0.773	-	-10	20	77	0
Acetophenone	1.403	1.652	-	-17.7	20	85	0
m-Toluidine	1.287	1.448	-	-12.5	20	83	0
2-Chloroaniline	1.368	1.573	-	-15	20	83	0
IS2_Naphthalene-d8	1	1	-	0	20	82	0
a-Terpineol	0.221	0.264	-	-19.5	20	92	0
3-Chloroaniline	0.115	0.135	-	-17.4	20	89	0
2,6-Dichlorophenol	0.296	0.355	-	-19.9	20	92	0
1-chloro-2-nitrobenzene	0.113	0.136	-	-20.4*	20	89	0
Caprolactam	0.123	0.149	-	-21.1*	20	96	0
1,2,4,5-Tetrachlorobenzene	0.413	0.427	-	-3.4	20	80	0
Biphenyl	0.842	0.927	-	-10.1	20	85	0
IS2_Acenaphthene-d10	1	1	-	0	20	84	0
Dichloran	0.169	0.183	-	-8.3	20	93	0
Pentachloronitrobenzene	0.187	0.206	-	-10.2	20	96	0
IS2_Phenanthrene-d10	1	1	-	0	20	87	0
Diphenamid	0.416	0.471	-	-13.2	20	95	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**	
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**	
Instrument ID	**: DAKOTA**	**Calibration Date**	**: 03/14/25 09:35**	
Lab File ID	**: ADP0314**	**Init. Calib. Date(s)**	**: 11/05/24**	**11/06/24**
Sample No	**: WG2040571-5**	**Init. Calib. Times**	**: 16:59**	**04:17**
Channel	**:**			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	78	0
1,4-Dioxane	0.381	0.391	-	-2.6	20	76	0
n-Decane	1.048	1.143	-	-9.1	20	82	0
IS3_Acenaphthene-d10	1	1	-	0	20	90	0
Atrazine	0.343	0.359	-	-4.7	20	94	0
IS3_Phenanthrene-d10	1	1	-	0	20	92	0
n-Octadecane	0.334	0.363	-	-8.7	20	101	0
Parathion	5	4.955	-	0.9	20	103	0
3,3'-Dimethylbenzidine	5	5.123	-	-2.5	20	108	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV112	**Calibration Date**	: 03/14/25 11:12
Lab File ID	: ABN0314	**Init. Calib. Date(s)**	: 03/13/25 03/14/25
Sample No	: WG2040646-3	**Init. Calib. Times**	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0
n-Nitrosodimethylamine	0.695	0.709	-	-2	20	99	0
Pyridine	1.215	0.821	-	32.4*	20	68	0
2-Fluorophenol	1.083	0.988	-	8.8	20	91	0
Aniline	1.77	1.822	-	-2.9	20	97	0
2-Chlorophenol	1.247	1.175	-	5.8	20	96	0
Phenol-d6	1.35	1.264	-	6.4	20	94	0
Phenol	1.592	1.552	-	2.5	20	98	0
Bis(2-chloroethyl)ether	1.152	1.144	-	0.7	20	99	0
1,3-Dichlorobenzene	1.473	1.44	-	2.2	20	102	0
1,4-Dichlorobenzene	1.525	1.459	-	4.3	20	99	0
1,2-Dichlorobenzene	1.463	1.403	-	4.1	20	101	0
Benzyl alcohol	0.972	0.986	-	-1.4	20	103	0
Bis(2-chloroisopropyl)ethe	1.674	1.686	-	-0.7	20	104	0
2-Methylphenol	1.055	1.059	-	-0.4	20	100	0
Hexachloroethane	0.561	0.547	-	2.5	20	102	0
n-Nitrosodi-n-propylamine	0.904	0.867	-	4.1	20	97	0
3-Methylphenol/4-Methylphe	1.169	1.146	-	2	20	102	0
Nitrobenzene-d5	1.275	1.235	-	3.1	20	97	0
Nitrobenzene	1.302	1.299	-	0.2	20	100	0
Isophorone	2.405	2.375	-	1.2	20	99	0
2-Nitrophenol	0.593	0.57	-	3.9	20	94	0
2,4-Dimethylphenol	1.237	1.249	-	-1	20	101	0
Bis(2-chloroethoxy)methane	1.616	1.575	-	2.5	20	103	0
2,4-Dichlorophenol	1.135	1.134	-	0.1	20	99	0
1,2,4-Trichlorobenzene	1.44	1.377	-	4.4	20	101	0
IS1_Naphthalene-d8	1	1	-	0	20	102	0
Naphthalene	1.025	0.986	-	3.8	20	102	0
Benzoic Acid	5	2.65	-	47*	20	57	0
4-Chloroaniline	0.128	0.123	-	3.9	20	96	0
Hexachlorobutadiene	0.261	0.247	-	5.4	20	101	0
p-Chloro-m-cresol	0.287	0.282	-	1.7	20	100	0
2-Methylnaphthalene	0.638	0.636	-	0.3	20	106	0
1-Methylnaphthalene	0.244	0.239	-	2	20	103	0
Hexachlorocyclopentadiene	0.315	0.299	-	5.1	20	98	0
2,4,6-Trichlorophenol	0.27	0.258	-	4.4	20	99	0
2,4,5-Trichlorophenol	0.273	0.279	-	-2.2	20	101	0
2-Fluorobiphenyl	0.916	0.868	-	5.2	20	101	0
2-Chloronaphthalene	0.748	0.727	-	2.8	20	102	0
2-Nitroaniline	0.202	0.199	-	1.5	20	98	0
1,4-Dinitrobenzene	0.11	0.101	-	8.2	20	94	0
1,3-Dinitrobenzene	0.123	0.121	-	1.6	20	99	0
Dimethyl phthalate	0.959	0.941	-	1.9	20	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: SV112	**Calibration Date**	: 03/14/25 11:12		
Lab File ID	: ABN0314	**Init. Calib. Date(s)**	: 03/13/25	03/14/25	
Sample No	: WG2040646-3	**Init. Calib. Times**	: 13:47	00:48	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.213	1.204	-	0.7	20	101	0
2,6-Dinitrotoluene	0.176	0.177	-	-0.6	20	95	0
1,2-Dinitrobenzene	0.081	0.079	-	2.5	20	98	0
IS1_Acenaphthene-d10	1	1	-	0	20	102	0
3-Nitroaniline	0.309	0.308	-	0.3	20	100	0
Acenaphthene	1.072	1.036	-	3.4	20	104	0
2,4-Dinitrophenol	5	3.938	-	21.2*	20	92	0
Dibenzofuran	1.844	1.778	-	3.6	20	105	0
2,4-Dinitrotoluene	0.402	0.402	-	0	20	100	0
4-Nitrophenol	0.229	0.243	-	-6.1	20	100	0
2,3,5,6-Tetrachlorophenol	0.392	0.386	-	1.5	20	96	0
2,3,4,6-Tetrachlorophenol	0.4	0.389	-	2.8	20	98	0
Diethyl phthalate	1.497	1.47	-	1.8	20	103	0
Fluorene	1.449	1.381	-	4.7	20	102	0
4-Chlorophenyl phenyl ethe	0.764	0.744	-	2.6	20	107	0
4-Nitroaniline	0.322	0.316	-	1.9	20	97	0
4,6-Dinitro-o-cresol	0.234	0.225	-	3.8	20	95	0
NDPA/DPA	1.191	1.198	-	-0.6	20	104	0
Azobenzene	1.339	1.371	-	-2.4	20	104	0
2,4,6-Tribromophenol	0.241	0.23	-	4.6	20	103	0
4-Bromophenyl phenyl ether	0.498	0.461	-	7.4	20	102	0
Hexachlorobenzene	0.586	0.564	-	3.8	20	108	0
Pentachlorophenol	0.315	0.324	-	-2.9	20	99	0
IS1_Phenanthrene-d10	1	1	-	0	20	102	0
Phenanthrene	1.091	1.047	-	4	20	106	0
Anthracene	1.047	1.063	-	-1.5	20	106	0
Carbazole	0.974	0.978	-	-0.4	20	104	0
Di-n-butylphthalate	1.09	1.098	-	-0.7	20	101	0
Fluoranthene	1.279	1.308	-	-2.3	20	106	0
Benzidine	0.692	0.793	-	-14.6	20	110	0
Pyrene	1.335	1.407	-	-5.4	20	107	0
4-Terphenyl-d14	1.046	1.047	-	-0.1	20	104	0
Butyl benzyl phthalate	0.474	0.476	-	-0.4	20	105	0
IS1_Chrysene-d12	1	1	-	0	20	105	0
Benzo(a)anthracene	1.245	1.245	-	0	20	108	0
3,3'-Dichlorobenzidine	0.447	0.443	-	0.9	20	102	0
Chrysene	1.192	1.189	-	0.3	20	109	0
Bis(2-ethylhexyl)phthalate	0.622	0.654	-	-5.1	20	105	0
Di-n-octylphthalate	0.994	1.047	-	-5.3	20	104	0
Benzo(b)fluoranthene	1.202	1.293	-	-7.6	20	105	0
Benzo(k)fluoranthene	1.2	1.143	-	4.7	20	105	0
Benzo(a)pyrene	1.127	1.129	-	-0.2	20	104	0
IS1_Perylene-d12	1	1	-	0	20	104	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:12
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 03/13/25 03/14/25
Sample No	: WG2040646-3	Init. Calib. Times	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.096	1.058	-	3.5	20	107	0
Dibenzo(a,h)anthracene	1.063	1.07	-	-0.7	20	106	0
Benzo(ghi)perylene	1.099	1.095	-	0.4	20	108	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:34
Lab File ID	: AP90314	Init. Calib. Date(s)	: 03/13/25 03/14/25
Sample No	: WG2040646-4	Init. Calib. Times	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
Benzaldehyde	0.954	0.84	-	11.9	20	88	0
Acetophenone	1.731	1.691	-	2.3	20	103	0
m-Toluidine	1.562	1.487	-	4.8	20	94	0
2-Chloroaniline	1.509	1.54	-	-2.1	20	103	0
IS2_Naphthalene-d8	1	1	-	0	20	98	0
a-Terpineol	0.253	0.273	-	-7.9	20	108	0
3-Chloroaniline	0.13	0.142	-	-9.2	20	96	0
2,6-Dichlorophenol	0.285	0.302	-	-6	20	107	0
1-chloro-2-nitrobenzene	0.138	0.137	-	0.7	20	100	0
Caprolactam	5	4.436	-	11.3	20	103	0
1,2,4,5-Tetrachlorobenzene	0.438	0.442	-	-0.9	20	100	0
Biphenyl	0.89	0.934	-	-4.9	20	105	0
IS2_Acenaphthene-d10	1	1	-	0	20	99	0
Dichloran	0.183	0.175	-	4.4	20	103	0
Pentachloronitrobenzene	0.195	0.208	-	-6.7	20	105	0
IS2_Phenanthrene-d10	1	1	-	0	20	97	0
Diphenamid	0.446	0.475	-	-6.5	20	106	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:57
Lab File ID	: ADP0314	Init. Calib. Date(s)	: 03/13/25 03/14/25
Sample No	: WG2040646-5	Init. Calib. Times	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
1,4-Dioxane	0.481	0.469	-	2.5	20	107	0
n-Decane	1.328	1.241	-	6.6	20	100	0
IS3_Acenaphthene-d10	1	1	-	0	20	101	0
Atrazine	0.47	0.4	-	14.9	20	94	0
IS3_Phenanthrene-d10	1	1	-	0	20	104	0
n-Octadecane	0.389	0.361	-	7.2	20	105	0
Parathion	5	4.815	-	3.7	20	98	0
3,3'-Dimethylbenzidine	5	4.271	-	14.6	20	101	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Dakota\250314RVT\
Data File : ABN0314.D
Acq On : 14 Mar 2025 8:50 am
Operator : Dakota:smz
Sample : wg2040571-3,32,,ABN 11297 gmr0304C
Misc : wg2040571,,ical21680
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Mar 14 09:24:08 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 09:25:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
2	t	n-Nitrosodimethylamine	0.630	0.613	2.7	74	0.00
3	t	Pyridine	0.954	0.791	17.1	58	0.00
4	S	2-Fluorophenol	1.028	0.991	3.6	74	0.00
5	T	Aniline	1.567	1.621	-3.4	79	0.00
6	t	2-Chlorophenol	1.225	1.221	0.3	76	0.00
7	S	Phenol-d6	1.317	1.293	1.8	76	0.00
8	T	Phenol	1.421	1.406	1.1	76	0.00
9	T	Bis(2-chloroethyl)ether	1.017	0.985	3.1	75	0.00
10	T	1,3-Dichlorobenzene	1.577	1.449	8.1	72	0.00
11	T	1,4-Dichlorobenzene	1.610	1.454	9.7	71	0.00
12	T	1,2-Dichlorobenzene	1.534	1.425	7.1	73	0.00
13	t	Benzyl alcohol	0.930	0.960	-3.2	79	0.00
14	T	Bis(2-chloroisopropyl)ether	1.794	1.862	-3.8	82	0.00
15	T	2-Methylphenol	1.079	1.065	1.3	79	0.00
16	T	Hexachloroethane	0.589	0.530	10.0	73	0.00
17	T	n-Nitrosodi-n-propylamine	0.863	0.832	3.6	77	0.00
18	T	3-Methylphenol/4-Methylphen	1.182	1.155	2.3	78	0.00
19	S	Nitrobenzene-d5	1.195	1.278	-6.9	81	0.00
20	T	Nitrobenzene	1.222	1.311	-7.3	82	0.00
21	T	Isophorone	2.247	2.266	-0.8	78	0.00
22	T	2-Nitrophenol	0.619	0.692	-11.8	87	0.00
23	T	2,4-Dimethylphenol	1.101	1.266	-15.0	89	0.00
24	T	Bis(2-chloroethoxy)methane	1.400	1.393	0.5	77	0.00
25	T	2,4-Dichlorophenol	1.285	1.307	-1.7	79	0.00
26	T	1,2,4-Trichlorobenzene	1.555	1.459	6.2	74	0.00
37	I	IS1_Naphthalene-d8	1.000	1.000	0.0	79	0.00
38	T	Naphthalene	1.100	0.999	9.2	77	0.00
39	T	Benzoic Acid	0.228	0.185	18.9	71	0.00
40	T	4-Chloroaniline	0.121	0.121	0.0	81	0.00
41	T	Hexachlorobutadiene	0.258	0.238	7.8	75	0.00
42	T	p-Chloro-m-cresol	0.290	0.284	2.1	80	0.00
43	T	2-Methylnaphthalene	0.761	0.665	12.6	75	0.00
44	T	1-Methylnaphthalene	0.242	0.247	-2.1	84	0.00
45	T	Hexachlorocyclopentadiene	0.272	0.278	-2.2	81	0.00
46	T	2,4,6-Trichlorophenol	0.287	0.278	3.1	79	0.00
47	T	2,4,5-Trichlorophenol	0.320	0.303	5.3	79	0.00
48	S	2-Fluorobiphenyl	0.990	0.898	9.3	78	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Dakota\250314RVT\
Data File : ABN0314.D
Acq On : 14 Mar 2025 8:50 am
Operator : Dakota:smz
Sample : wg2040571-3,32,,ABN 11297 gmr0304C
Misc : wg2040571,,ical21680
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Mar 14 09:24:08 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 09:25:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	2-Chloronaphthalene		0.852	0.782	8.2	77	0.00
50	T	2-Nitroaniline		0.218	0.219	-0.5	80	0.00
51	T	1,4-Dinitrobenzene		0.095	0.104	-9.5	87	0.00
52	T	1,3-Dinitrobenzene		0.113	0.119	-5.3	82	0.00
53	T	Dimethyl phthalate		0.991	0.915	7.7	78	0.00
54	T	Acenaphthylene		1.252	1.269	-1.4	85	0.00
55	T	2,6-Dinitrotoluene		0.185	0.186	-0.5	79	0.00
56	T	1,2-Dinitrobenzene		0.066	0.073	-10.6	82	0.00
65	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	84	0.00
66	T	3-Nitroaniline		0.309	0.306	1.0	83	0.00
67	T	Acenaphthene		1.163	1.006	13.5	79	0.00
68	T	2,4-Dinitrophenol	*	5.000	2.880	42.4#	48	0.00
69	T	Dibenzofuran		2.006	1.725	14.0	79	0.00
70	T	2,4-Dinitrotoluene		0.387	0.402	-3.9	84	0.00
71	T	4-Nitrophenol		0.230	0.278	-20.9#	100	0.00
72	T	2,3,5,6-Tetrachlorophenol		0.436	0.377	13.5	74	0.00
73	T	2,3,4,6-Tetrachlorophenol		0.428	0.385	10.0	78	0.00
74	T	Diethyl phthalate		1.575	1.361	13.6	80	0.00
75	T	Fluorene		1.536	1.370	10.8	81	0.00
76	T	4-Chlorophenyl phenyl ether		0.792	0.687	13.3	80	0.00
77	T	4-Nitroaniline		0.299	0.317	-6.0	85	0.00
78	T	4,6-Dinitro-o-cresol		0.234	0.213	9.0	74	0.00
79	T	NDPA/DPA		1.337	1.196	10.5	82	0.00
80	T	Azobenzene		1.281	1.252	2.3	86	0.00
81	S	2,4,6-Tribromophenol		0.286	0.240	16.1	74	0.00
82	T	4-Bromophenyl phenyl ether		0.522	0.432	17.2	76	0.00
83	T	Hexachlorobenzene		0.656	0.538	18.0	77	0.00
84	T	Pentachlorophenol		0.356	0.279	21.6#	66	0.00
90	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	86	0.00
91	T	Phenanthrene		1.183	1.021	13.7	81	0.00
92	T	Anthracene		1.160	1.048	9.7	83	0.00
93	T	Carbazole		1.064	1.002	5.8	84	0.00
94	T	Di-n-butylphthalate		1.207	1.114	7.7	81	0.00
95	T	Fluoranthene		1.422	1.312	7.7	85	0.00
96	T	Benzidine		0.772	0.844	-9.3	90	0.00
97	T	Pyrene		1.520	1.420	6.6	85	0.00
98	S	4-Terphenyl-d14		1.157	1.060	8.4	85	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Dakota\250314RVT\
Data File : ABN0314.D
Acq On   : 14 Mar 2025   8:50 am
Operator : Dakota:smz
Sample   : wg2040571-3,32,,ABN 11297 gmr0304C
Misc   : wg2040571,,ical21680
ALS Vial : 96   Sample Multiplier: 1

Quant Time: Mar 14 09:24:08 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 09:25:01 2025
Response via : Initial Calibration

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
99	T	Butyl benzyl phthalate	0.517	0.539	-4.3	89	0.00
106	I	IS1_Chrysene-d12	1.000	1.000	0.0	92	0.00
107	T	Benzo(a)anthracene	1.355	1.209	10.8	88	0.00
108	T	3,3'-Dichlorobenzidine	0.505	0.479	5.1	87	0.00
109	T	Chrysene	1.349	1.183	12.3	88	0.00
110	T	Bis(2-ethylhexyl)phthalate	0.726	0.696	4.1	87	0.00
111	T	Di-n-octylphthalate	1.212	1.210	0.2	91	0.00
112	T	Benzo(b)fluoranthene	1.420	1.321	7.0	92	0.00
113	T	Benzo(k)fluoranthene	1.383	1.281	7.4	87	0.00
114	T	Benzo(a)pyrene	1.267	1.240	2.1	92	0.00
115	I	IS1_Perylene-d12	1.000	1.000	0.0	93	0.00
116	T	Indeno(1,2,3-cd)pyrene	1.234	1.147	7.1	91	0.00
117	T	Dibenzo(a,h)anthracene	1.213	1.177	3.0	93	0.00
118	T	Benzo(ghi)perylene	1.192	1.166	2.2	97	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range   SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : ABN0314.D
Acq On : 14 Mar 2025 8:50 am
Operator : Dakota:smz
Sample : wg2040571-3,32,,ABN 11297 gmr0304C
Misc : wg2040571,,ical21680
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Mar 14 09:24:08 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 09:25:01 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.280	152	21719	4.000	ug/ml	0.00
37) IS1_Naphthalene-d8	5.520	136	84947	4.000	ug/ml	0.00
65) IS1_Acenaphthene-d10	7.214	164	58301	4.000	ug/ml	0.00
90) IS1_Phenanthrene-d10	8.628	188	128488	4.000	ug/ml	0.00
106) IS1_Chrysene-d12	11.199	240	158360	4.000	ug/ml	0.00
115) IS1_Perylene-d12	12.622	264	188902	4.000	ug/ml	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.000	112	26902	4.818	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	240.90%#		
7) Phenol-d6	3.997	99	35112	4.910	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	245.50%#		
19) Nitrobenzene-d5	4.833	82	34708	5.349	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	534.90%#		
48) 2-Fluorobiphenyl	6.592	172	95326	4.534	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	453.40%#		
81) 2,4,6-Tribromophenol	7.972	330	17513	4.202	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	210.10%#		
98) 4-Terphenyl-d14	10.198	244	170168	4.577	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	457.70%#		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	1.604	74	16647	4.864	ug/ml	94
3) Pyridine	1.632	79	21484	4.148	ug/ml#	59
5) Aniline	3.966	93	44016	5.174	ug/ml	100
6) 2-Chlorophenol	4.081	128	33143	4.983	ug/ml#	89
8) Phenol	4.010	94	38177	4.949	ug/ml	96
9) Bis(2-chloroethyl)ether	4.053	93	26736	4.840	ug/ml	98
10) 1,3-Dichlorobenzene	4.221	146	39339	4.595	ug/ml	95
11) 1,4-Dichlorobenzene	4.296	146	39470	4.516	ug/ml	94
12) 1,2-Dichlorobenzene	4.445	146	38697	4.645	ug/ml	94
13) Benzyl alcohol	4.451	79	26075	5.163	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.594	45	50544	5.189	ug/ml#	63
15) 2-Methylphenol	4.597	108	28911	4.933	ug/ml	97
16) Hexachloroethane	4.768	117	14377	4.493	ug/ml#	55
17) n-Nitrosodi-n-propylamine	4.721	70	22597	4.824	ug/ml#	90
18) 3-Methylphenol/4-Methy...	4.759	108	31348	4.882	ug/ml	99
20) Nitrobenzene	4.852	77	35593	5.363	ug/ml	94
21) Isophorone	5.094	82	61520	5.042	ug/ml	94
22) 2-Nitrophenol	5.166	139	18790	5.592	ug/ml	90

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : ABN0314.D
Acq On : 14 Mar 2025 8:50 am
Operator : Dakota:smz
Sample : wg2040571-3,32,,ABN 11297 gmr0304C
Misc : wg2040571,,ical21680
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Mar 14 09:24:08 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 09:25:01 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	5.265	107	34358	5.749	ug/ml	97
24) Bis(2-chloroethoxy)met...	5.340	93	37821	4.976	ug/ml	98
25) 2,4-Dichlorophenol	5.415	162	35492	5.087	ug/ml#	90
26) 1,2,4-Trichlorobenzene	5.480	180	39603	4.690	ug/ml	97
38) Naphthalene	5.539	128	106119	4.542	ug/ml	99
39) Benzoic Acid	5.359	105	19677	4.068	ug/ml	86
40) 4-Chloroaniline	5.626	65	12835	4.998	ug/ml	74
41) Hexachlorobutadiene	5.694	225	25267	4.604	ug/ml	98
42) p-Chloro-m-cresol	6.139	107	30156	4.899	ug/ml#	90
43) 2-Methylnaphthalene	6.220	142	70595	4.367	ug/ml	96
44) 1-Methylnaphthalene	6.310	115	26236	5.104	ug/ml	97
45) Hexachlorocyclopentadiene	6.390	237	29475	5.098	ug/ml	98
46) 2,4,6-Trichlorophenol	6.515	196	29514	4.849	ug/ml	100
47) 2,4,5-Trichlorophenol	6.549	196	32140	4.723	ug/ml	99
49) 2-Chloronaphthalene	6.680	162	83010	4.586	ug/ml#	91
50) 2-Nitroaniline	6.801	138	23258	5.021	ug/ml#	81
51) 1,4-Dinitrobenzene	6.937	168	11096	5.515	ug/ml	89
52) 1,3-Dinitrobenzene	7.012	168	12586	5.222	ug/ml#	1
53) Dimethyl phthalate	7.006	163	97122	4.616	ug/ml#	98
54) Acenaphthylene	7.071	152	134741	5.068	ug/ml	99
55) 2,6-Dinitrotoluene	7.049	165	19733	5.024	ug/ml#	84
56) 1,2-Dinitrobenzene	7.087	168	7748	5.508	ug/ml#	29
66) 3-Nitroaniline	7.199	138	22288	4.951	ug/ml#	89
67) Acenaphthene	7.242	154	73328	4.325	ug/ml	87
68) 2,4-Dinitrophenol	7.301	184	7170	2.880	ug/ml#	87
69) Dibenzofuran	7.413	168	125741	4.301	ug/ml#	82
70) 2,4-Dinitrotoluene	7.432	165	29302	5.193	ug/ml#	79
71) 4-Nitrophenol	7.416	65	20241	6.031	ug/ml#	1
72) 2,3,5,6-Tetrachlorophenol	7.512	232	27495	4.323	ug/ml	99
73) 2,3,4,6-Tetrachlorophenol	7.553	232	28037	4.496	ug/ml	97
74) Diethyl phthalate	7.693	149	99217	4.323	ug/ml	97
75) Fluorene	7.739	166	99829	4.458	ug/ml	91
76) 4-Chlorophenyl phenyl ...	7.767	204	50101	4.341	ug/ml#	87
77) 4-Nitroaniline	7.783	138	23130	5.315	ug/ml#	81
78) 4,6-Dinitro-o-cresol	7.820	198	15559	4.561	ug/ml#	67
79) NDPA/DPA	7.885	169	87144	4.473	ug/ml	92
80) Azobenzene	7.913	77	91269	4.889	ug/ml	94
82) 4-Bromophenyl phenyl e...	8.227	248	31509	4.145	ug/ml#	83
83) Hexachlorobenzene	8.277	284	39236	4.101	ug/ml#	81
84) Pentachlorophenol	8.476	266	20363	3.926	ug/ml	98
91) Phenanthrene	8.650	178	163989	4.317	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : ABN0314.D
Acq On : 14 Mar 2025 8:50 am
Operator : Dakota:smz
Sample : wg2040571-3,32,,ABN 11297 gmr0304C
Misc : wg2040571,,ical21680
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Mar 14 09:24:08 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 09:25:01 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92)	Anthracene	8.700	178	168244	4.515	ug/ml	99
93)	Carbazole	8.874	167	160978	4.708	ug/ml	98
94)	Di-n-butylphthalate	9.278	149	178943	4.616	ug/ml	98
95)	Fluoranthene	9.791	202	210765	4.613	ug/ml#	92
96)	Benzidine	9.952	184	135609	5.470	ug/ml#	94
97)	Pyrene	9.999	202	228071	4.672	ug/ml	99
99)	Butyl benzyl phthalate	10.714	149	86649	5.218	ug/ml	86
107)	Benzo(a)anthracene	11.192	228	239314	4.460	ug/ml	98
108)	3,3'-Dichlorobenzidine	11.205	252	94756	4.740	ug/ml#	97
109)	Chrysene	11.227	228	234130	4.384	ug/ml	98
110)	Bis(2-ethylhexyl)phtha...	11.342	149	137799	4.791	ug/ml#	89
111)	Di-n-octylphthalate	12.001	149	239477	4.992	ug/ml#	75
112)	Benzo(b)fluoranthene	12.265	252	261522	4.652	ug/ml#	92
113)	Benzo(k)fluoranthene	12.290	252	253636	4.632	ug/ml#	94
114)	Benzo(a)pyrene	12.566	252	245553	4.896	ug/ml#	94
116)	Indeno(1,2,3-cd)pyrene	13.558	276	270880	4.648	ug/mL#	89
117)	Dibenzo(a,h)anthracene	13.583	278	277864	4.852	ug/ml#	89
118)	Benzo(ghi)perylene	13.769	276	275276	4.890	ug/ml#	86

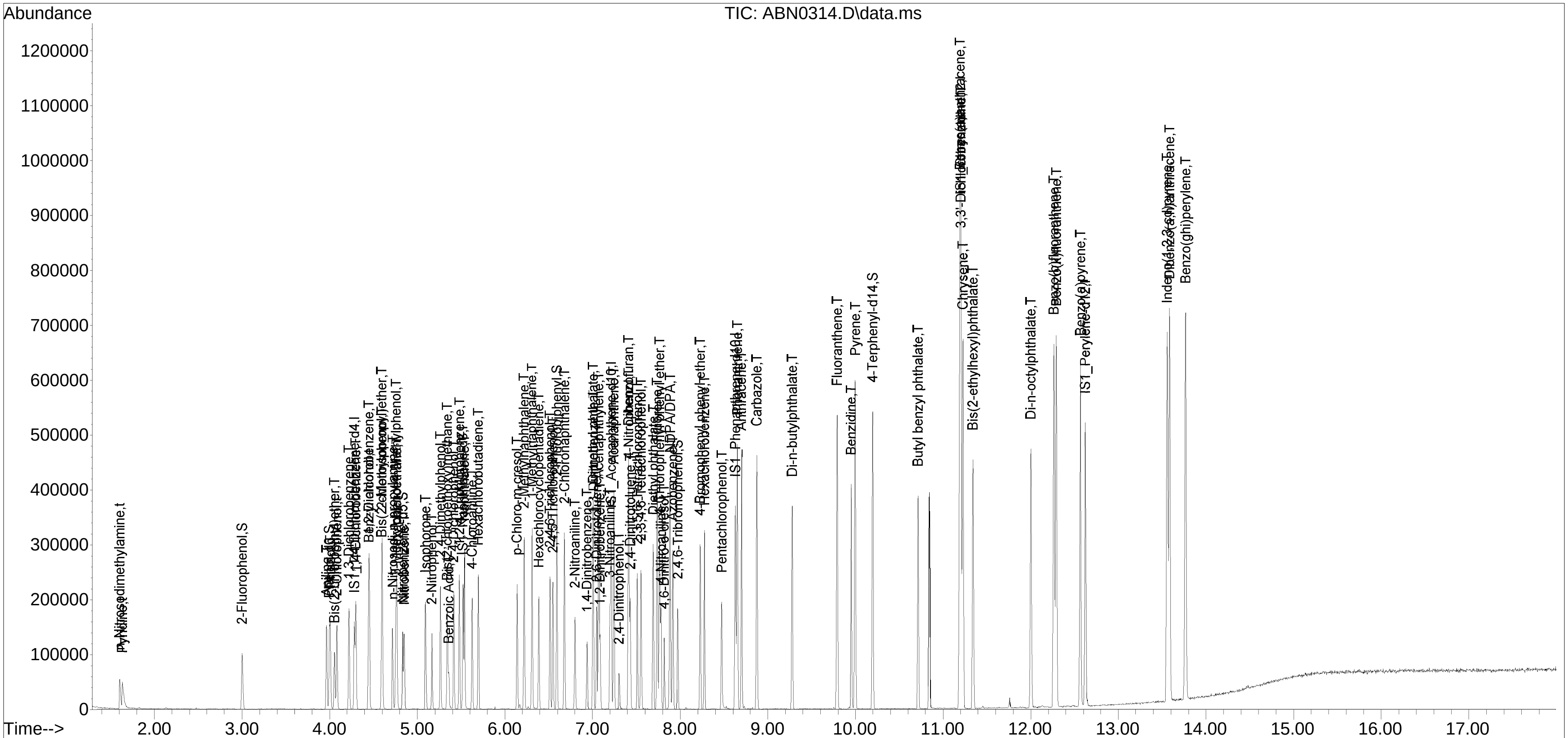
(#) = qualifier out of range (m) = manual integration (+) = signals summed

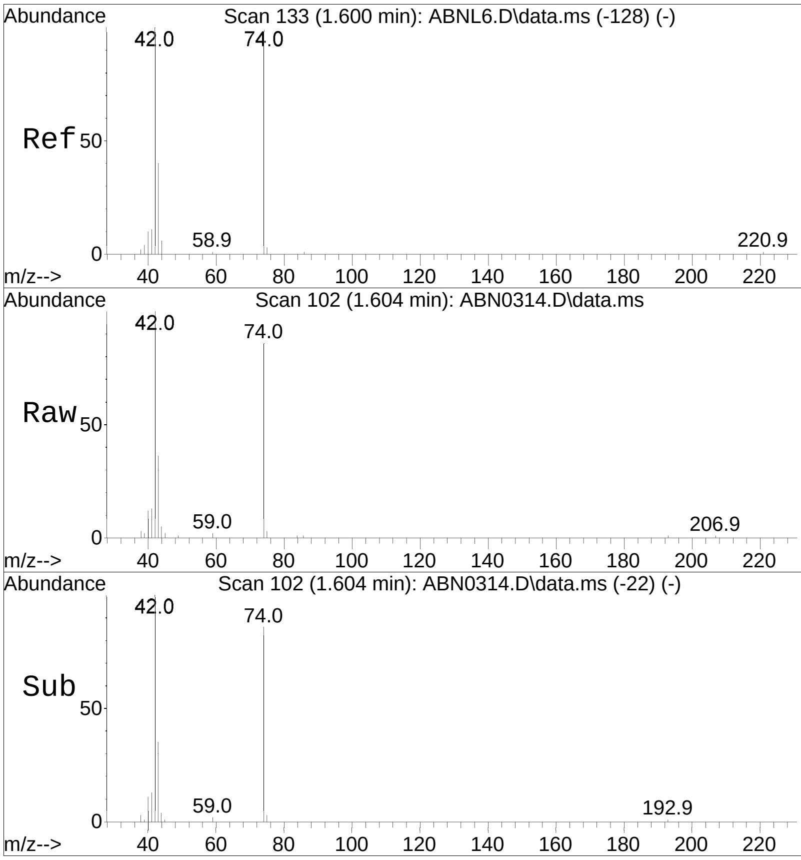
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : ABN0314.D
Acq On   : 14 Mar 2025   8:50 am
Operator : Dakota:smz
Sample   : wg2040571-3,32,,ABN 11297 gmr0304C
Misc   : wg2040571,,ical21680
ALS Vial : 96   Sample Multiplier: 1

Quant Time: Mar 14 09:24:08 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 09:25:01 2025
Response via : Initial Calibration

Sub List   : ABNical - ABN ical sublist

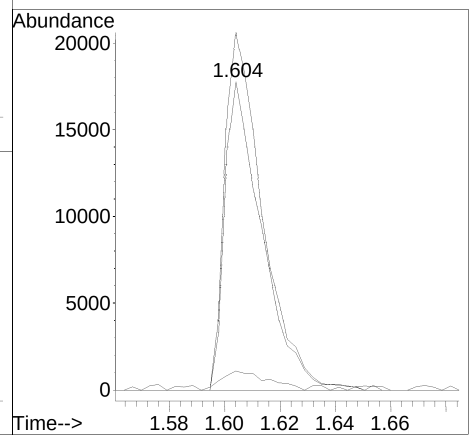


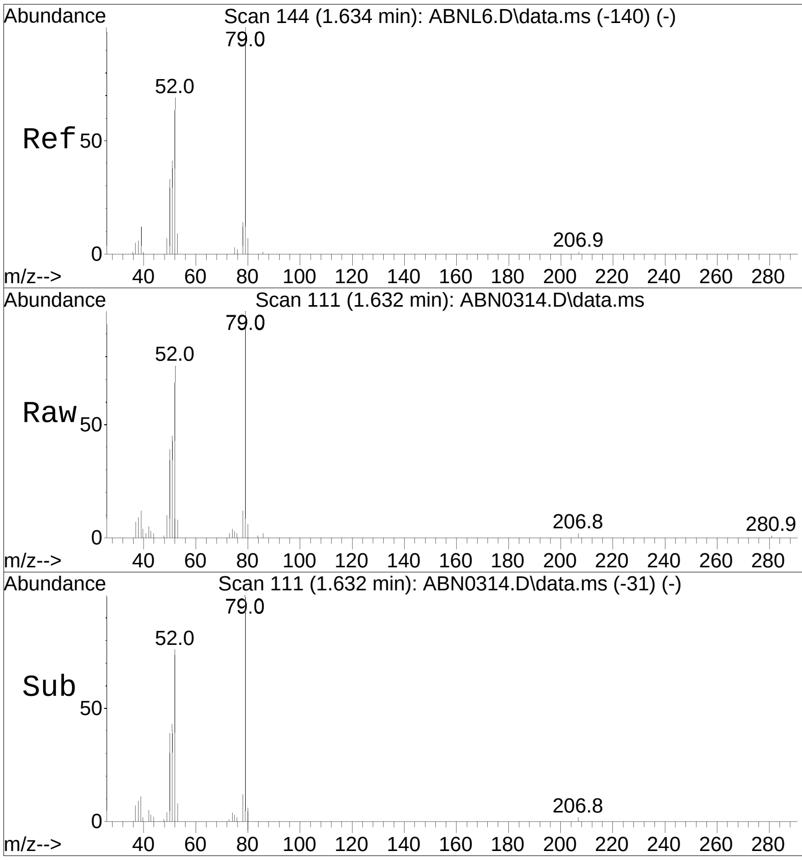


#2
n-Nitrosodimethylamine
Concen: 4.86 ug/ml
RT: 1.604 min Scan# 102
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 74 Resp: 16647

Ion	Ratio	Lower	Upper
74	100		
42	117.9	100.0	150.0
44	7.6	6.7	10.1

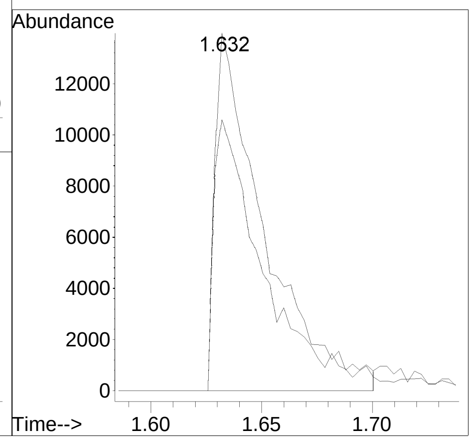


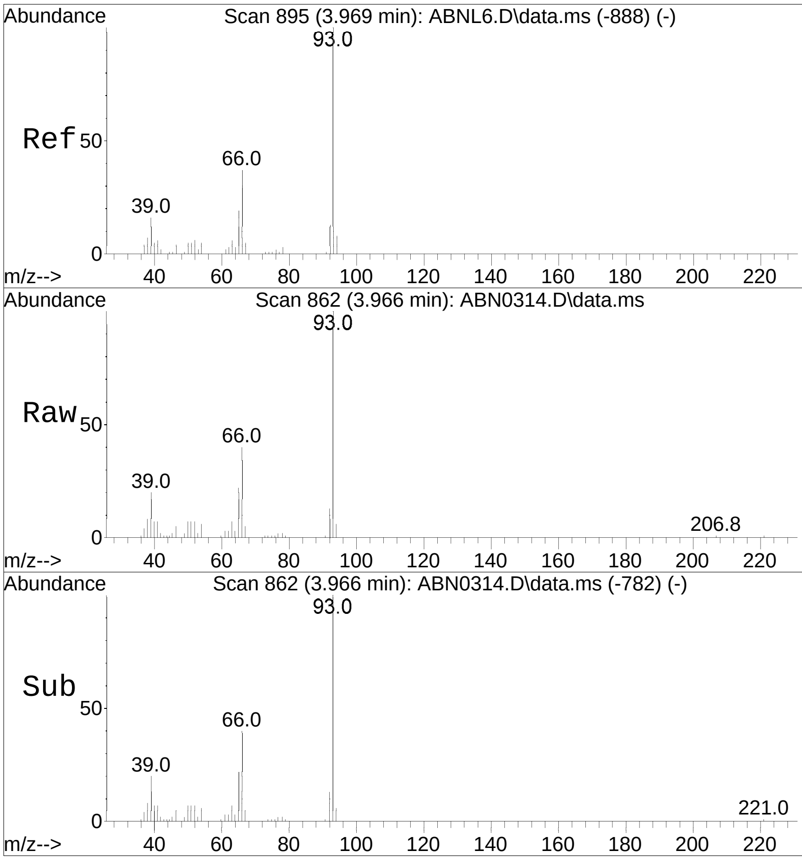


#3
Pyridine
Concen: 4.15 ug/ml
RT: 1.632 min Scan# 111
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 79 Resp: 21484

Ion	Ratio	Lower	Upper
79	100		
52	71.6	93.1	139.7#

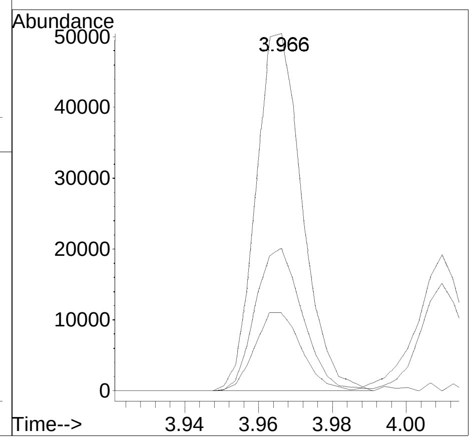


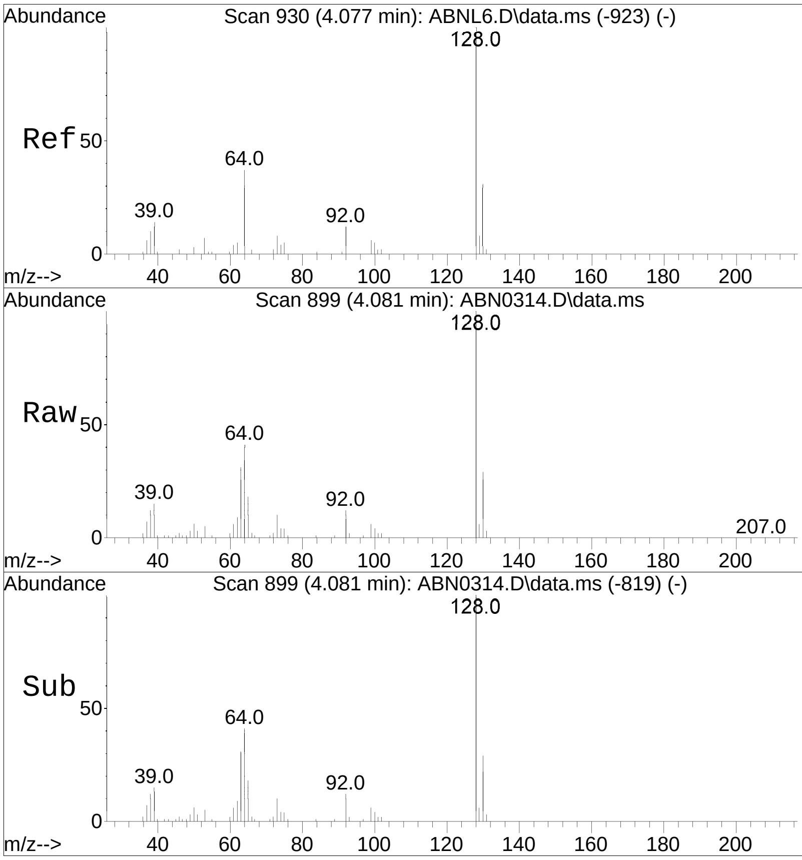


#5
Aniline
Concen: 5.17 ug/ml
RT: 3.966 min Scan# 862
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 93 Resp: 44016

Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.6	49.0
65	22.1	17.6	26.4

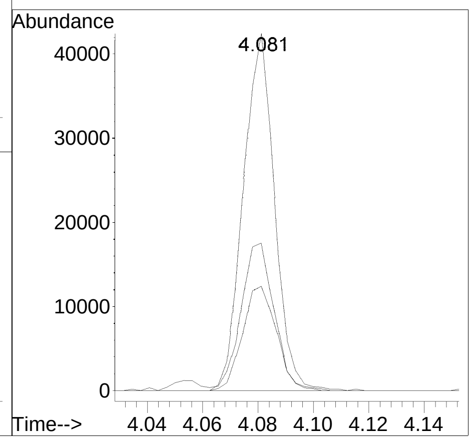


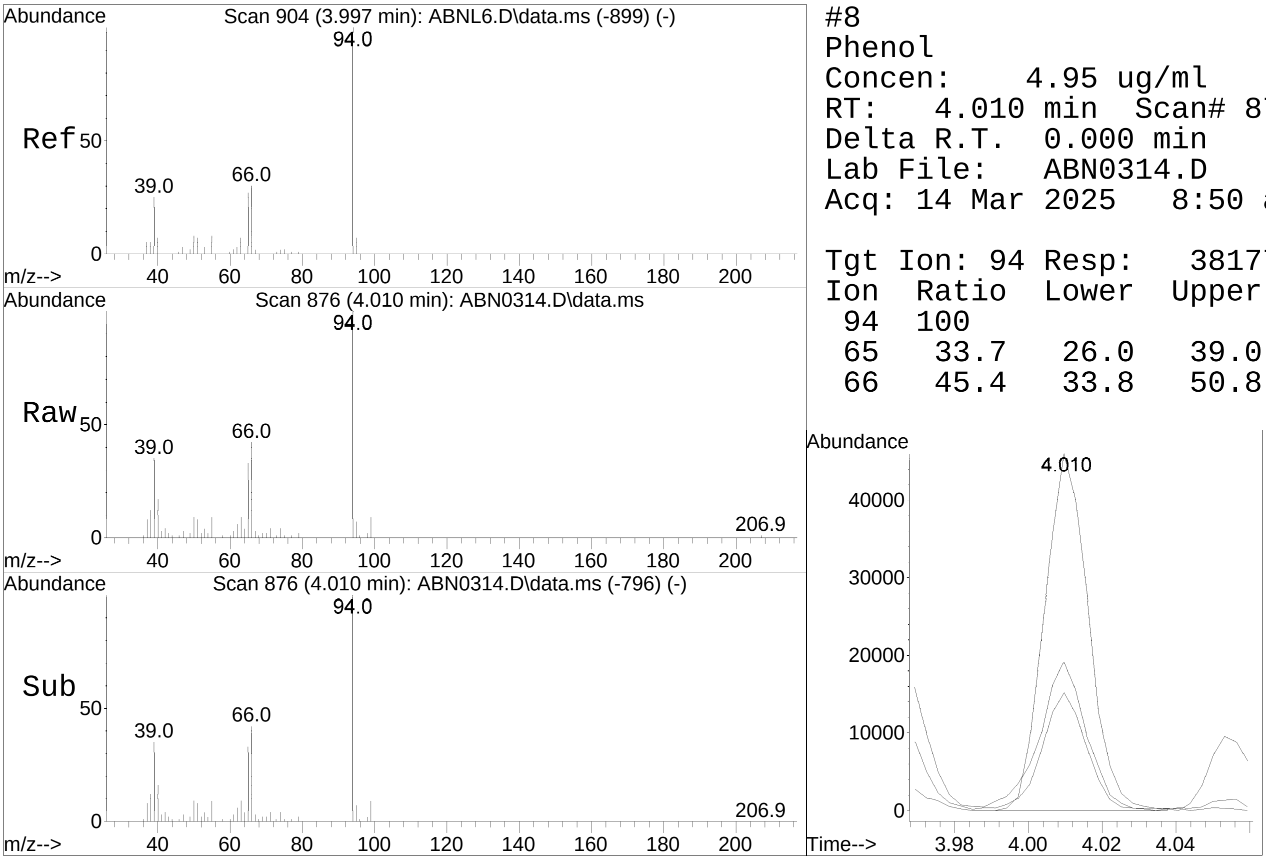


#6
2-Chlorophenol
Concen: 4.98 ug/ml
RT: 4.081 min Scan# 899
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:128 Resp: 33143

Ion	Ratio	Lower	Upper
128	100		
64	43.9	45.1	67.7#
130	31.7	26.2	39.4

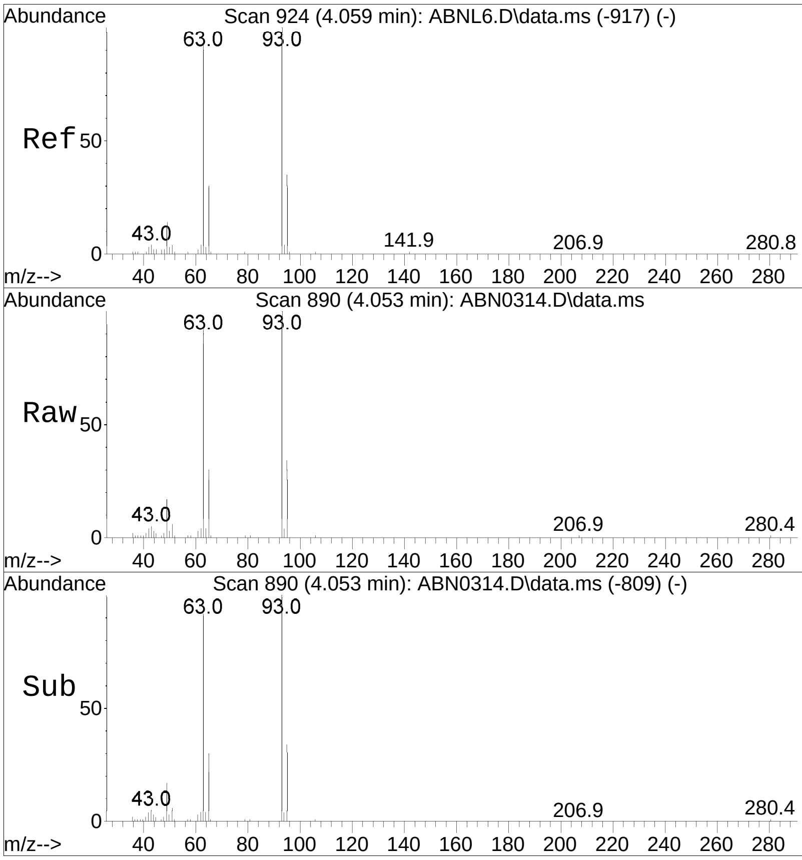




#8
Phenol
Concen: 4.95 ug/ml
RT: 4.010 min Scan# 876
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 94 Resp: 38177

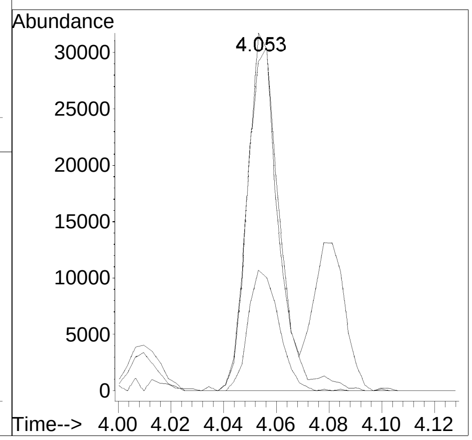
Ion	Ratio	Lower	Upper
94	100		
65	33.7	26.0	39.0
66	45.4	33.8	50.8

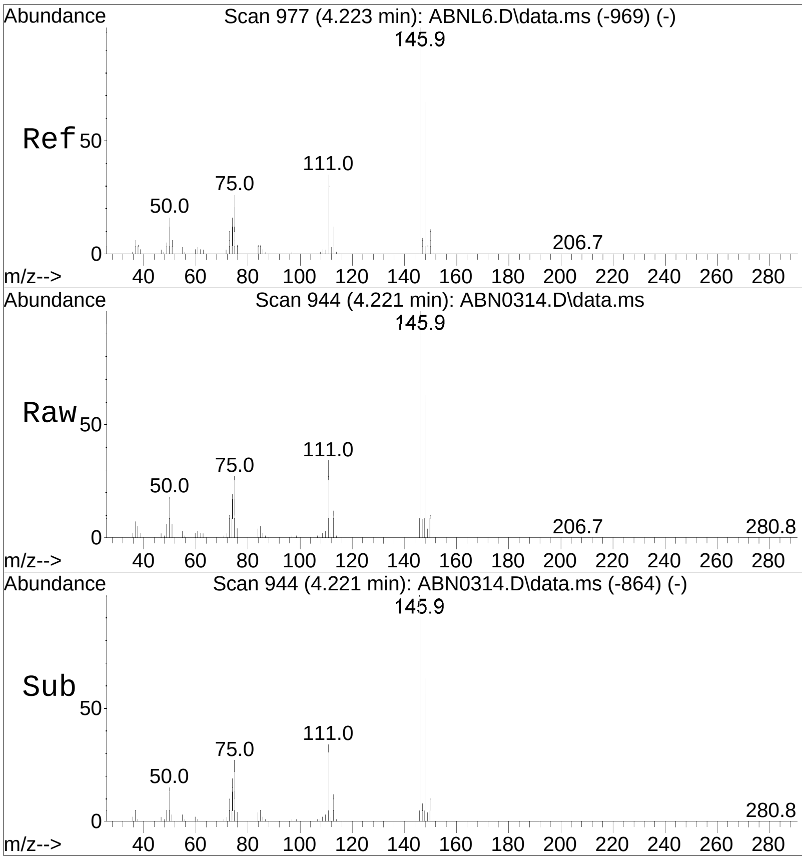


#9
Bis(2-chloroethyl)ether
Concen: 4.84 ug/ml
RT: 4.053 min Scan# 890
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 93 Resp: 26736

Ion	Ratio	Lower	Upper
93	100		
63	91.0	74.6	111.8
95	32.9	25.9	38.9

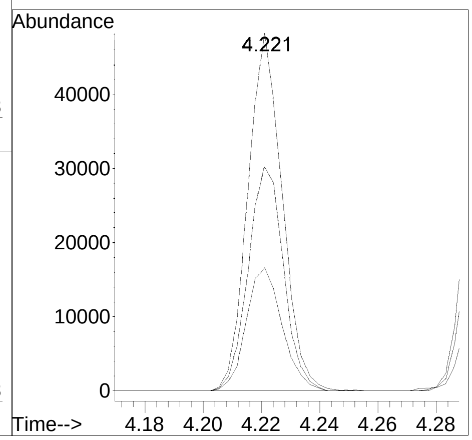


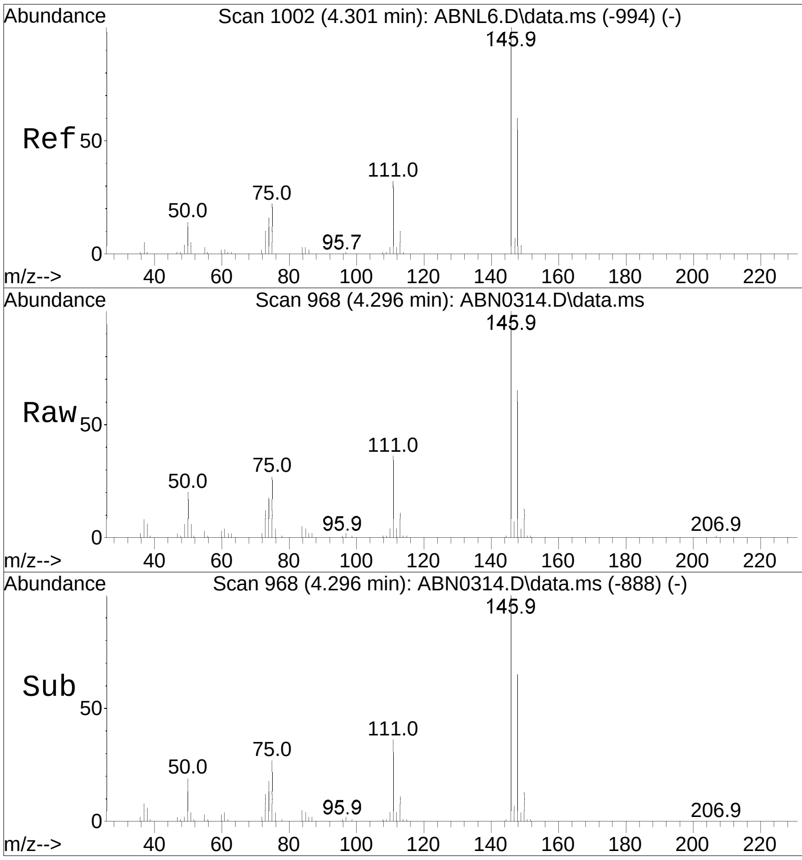


#10
1,3-Dichlorobenzene
Concen: 4.60 ug/ml
RT: 4.221 min Scan# 944
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:146 Resp: 39339

Ion	Ratio	Lower	Upper
146	100		
111	36.2	34.3	51.5
148	64.8	50.8	76.2

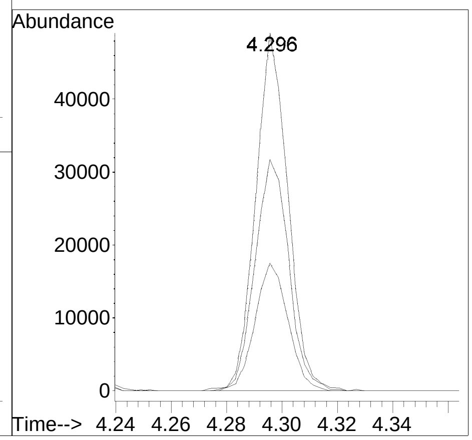


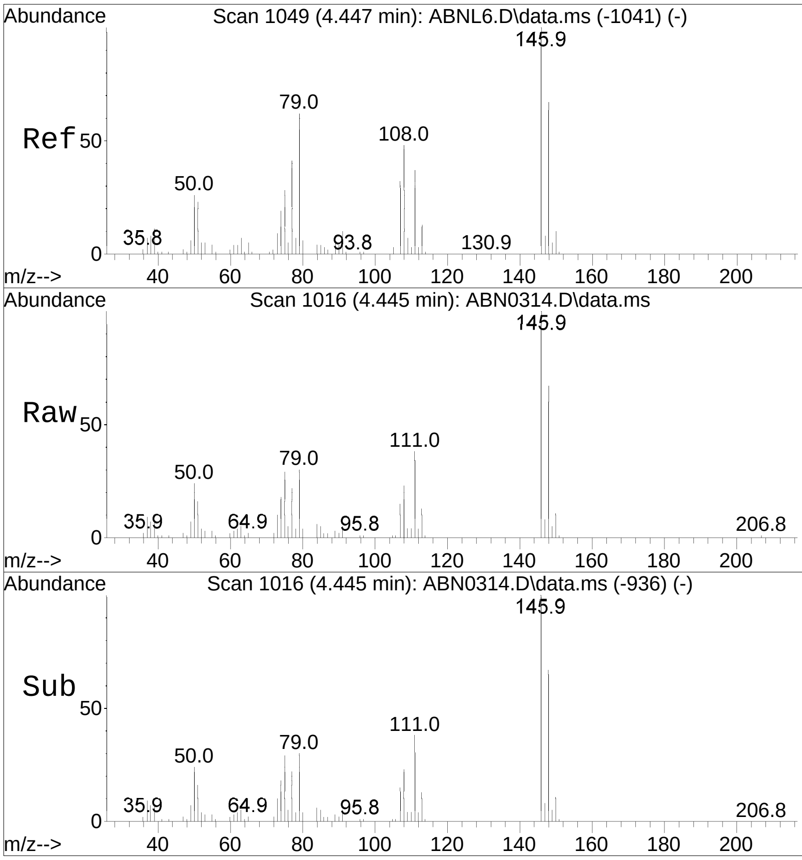


#11
1,4-Dichlorobenzene
Concen: 4.52 ug/ml
RT: 4.296 min Scan# 968
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:146 Resp: 39470

Ion	Ratio	Lower	Upper
146	100		
148	68.0	50.7	76.1
111	37.3	33.4	50.0

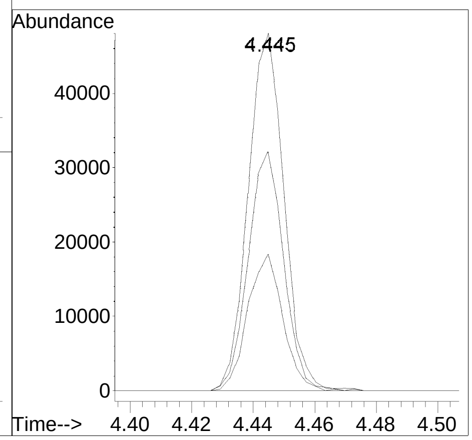


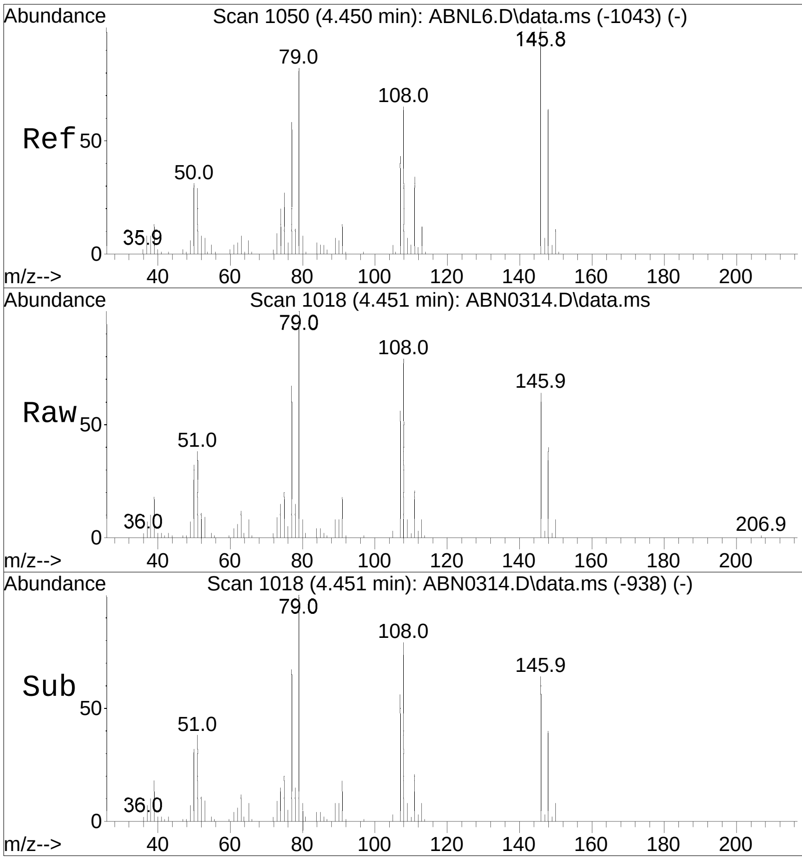


#12
1,2-Dichlorobenzene
Concen: 4.65 ug/ml
RT: 4.445 min Scan# 1016
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:146 Resp: 38697

Ion	Ratio	Lower	Upper
146	100		
111	37.7	34.6	52.0
148	66.5	50.2	75.4

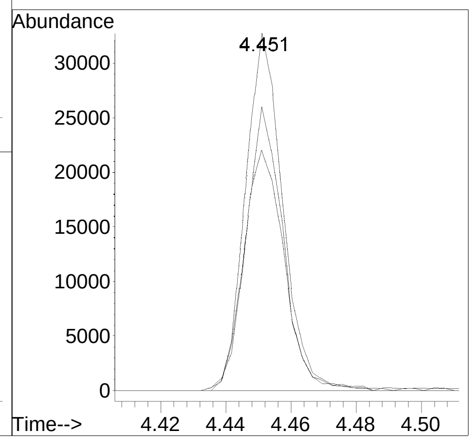


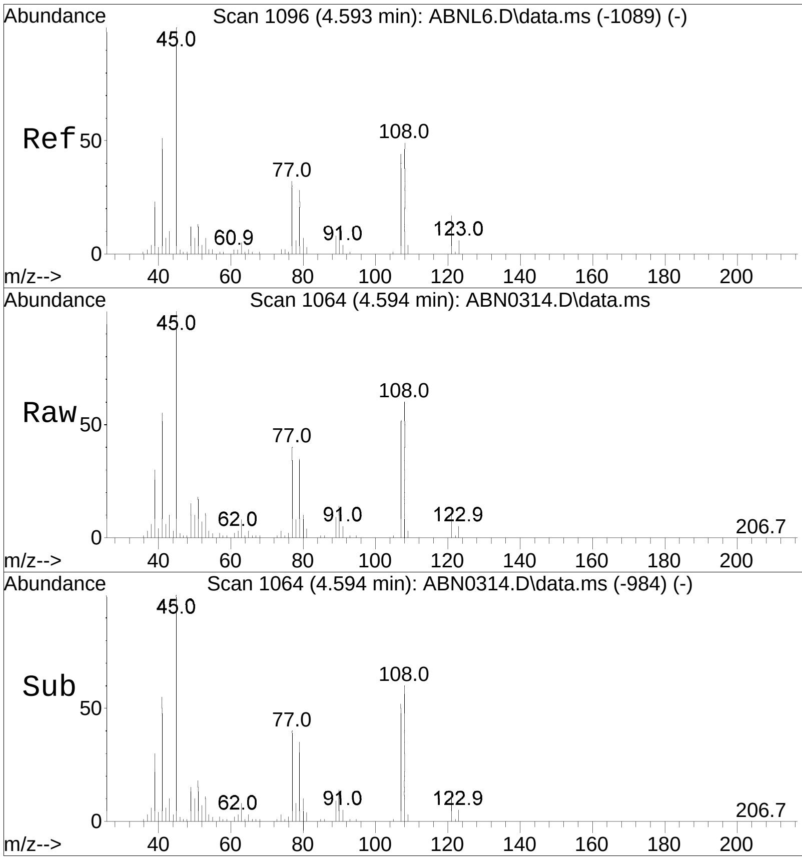


#13
Benzyl alcohol
Concen: 5.16 ug/ml
RT: 4.451 min Scan# 1018
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 79 Resp: 26075

Ion	Ratio	Lower	Upper
79	100		
77	73.3	54.9	82.3
108	79.4	63.1	94.7

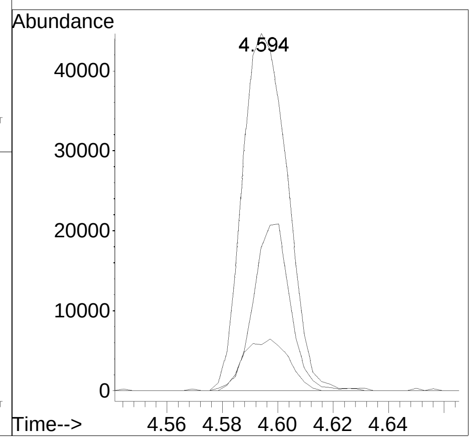


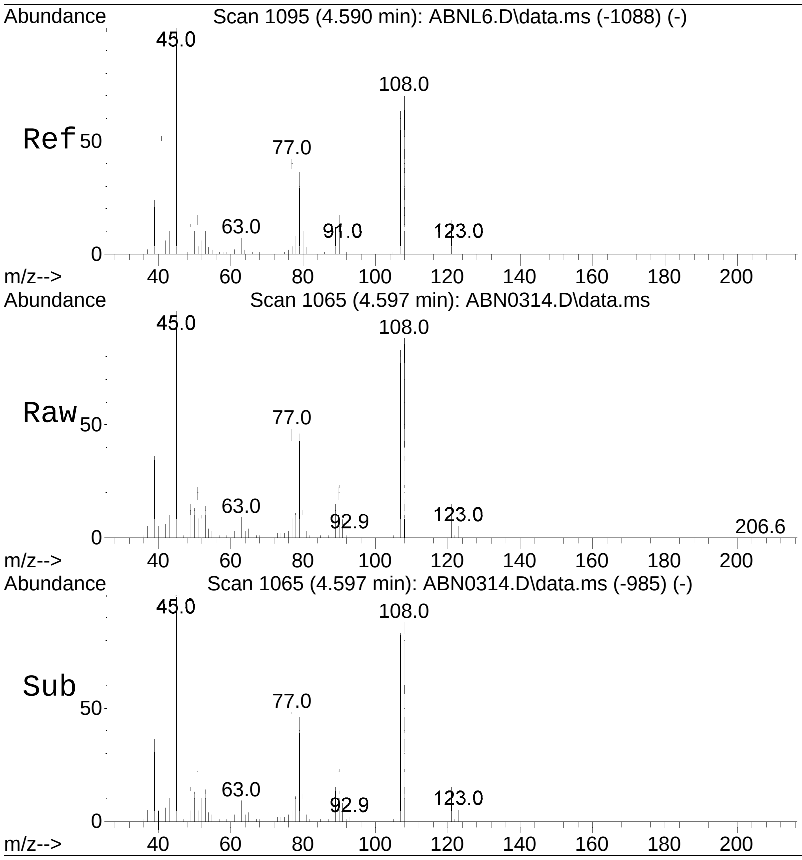


#14
Bis(2-chloroisopropyl)ether
Concen: 5.19 ug/ml
RT: 4.594 min Scan# 1064
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 45 Resp: 50544

Ion	Ratio	Lower	Upper
45	100		
121	14.6	9.8	14.6
77	38.3	6.1	9.1#

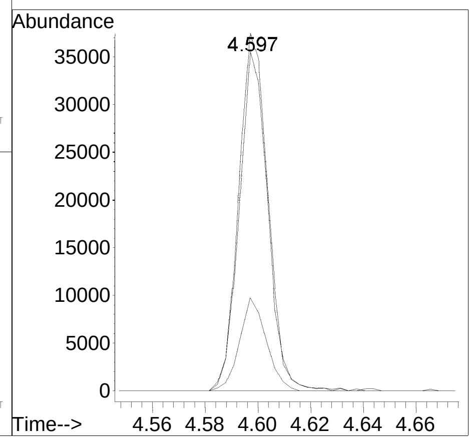


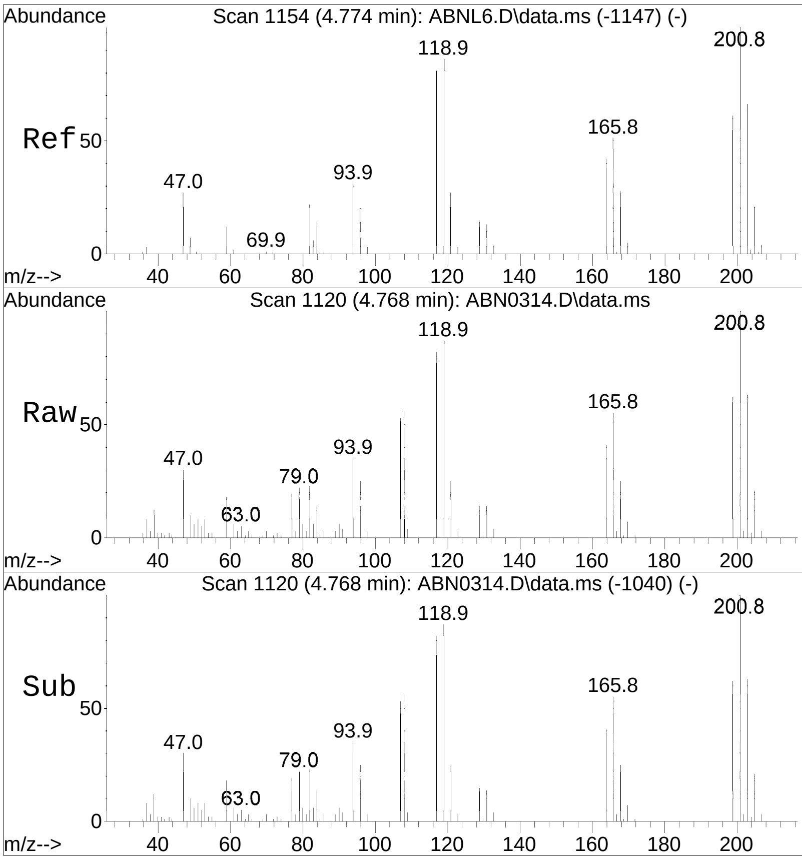


#15
2-Methylphenol
Concen: 4.93 ug/ml
RT: 4.597 min Scan# 1065
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:108 Resp: 28911

Ion	Ratio	Lower	Upper
108	100		
107	92.1	70.7	106.1
90	23.7	18.7	28.1

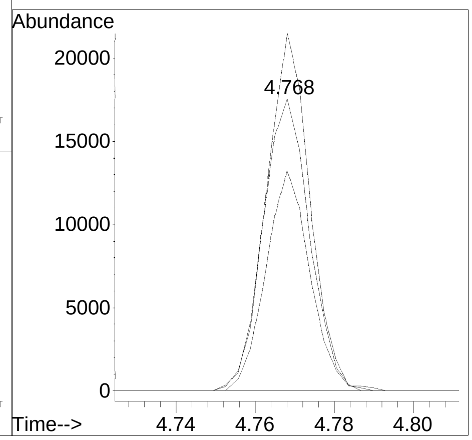


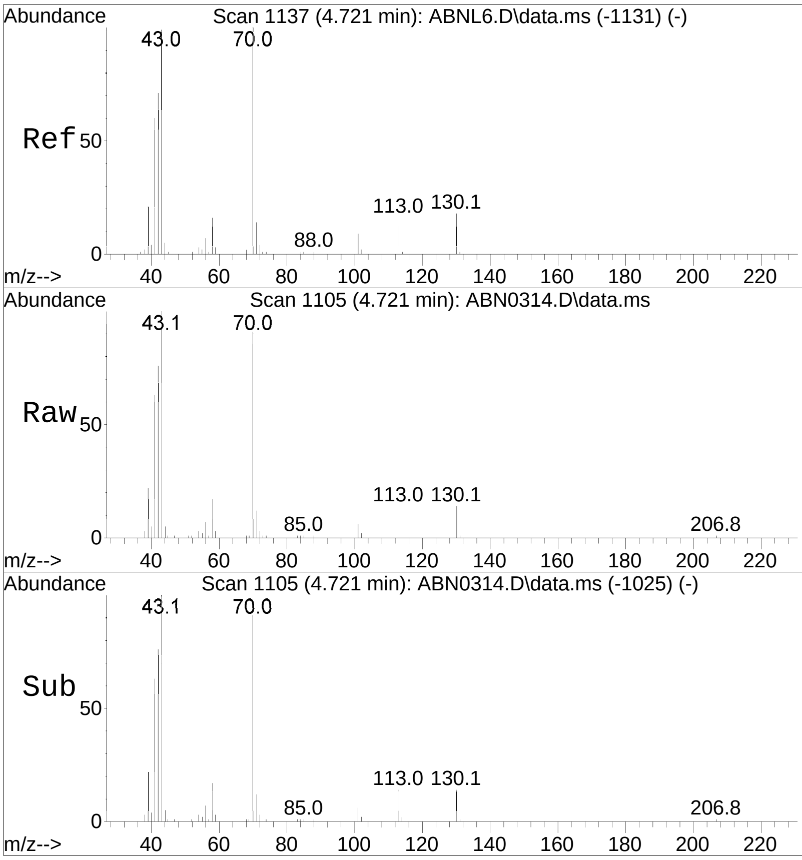


#16
Hexachloroethane
Concen: 4.49 ug/ml
RT: 4.768 min Scan# 1120
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:117 Resp: 14377

Ion	Ratio	Lower	Upper
117	100		
201	114.9	58.6	87.8#
199	71.4	36.9	55.3#

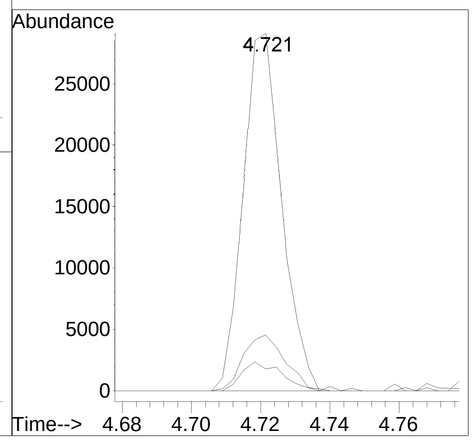


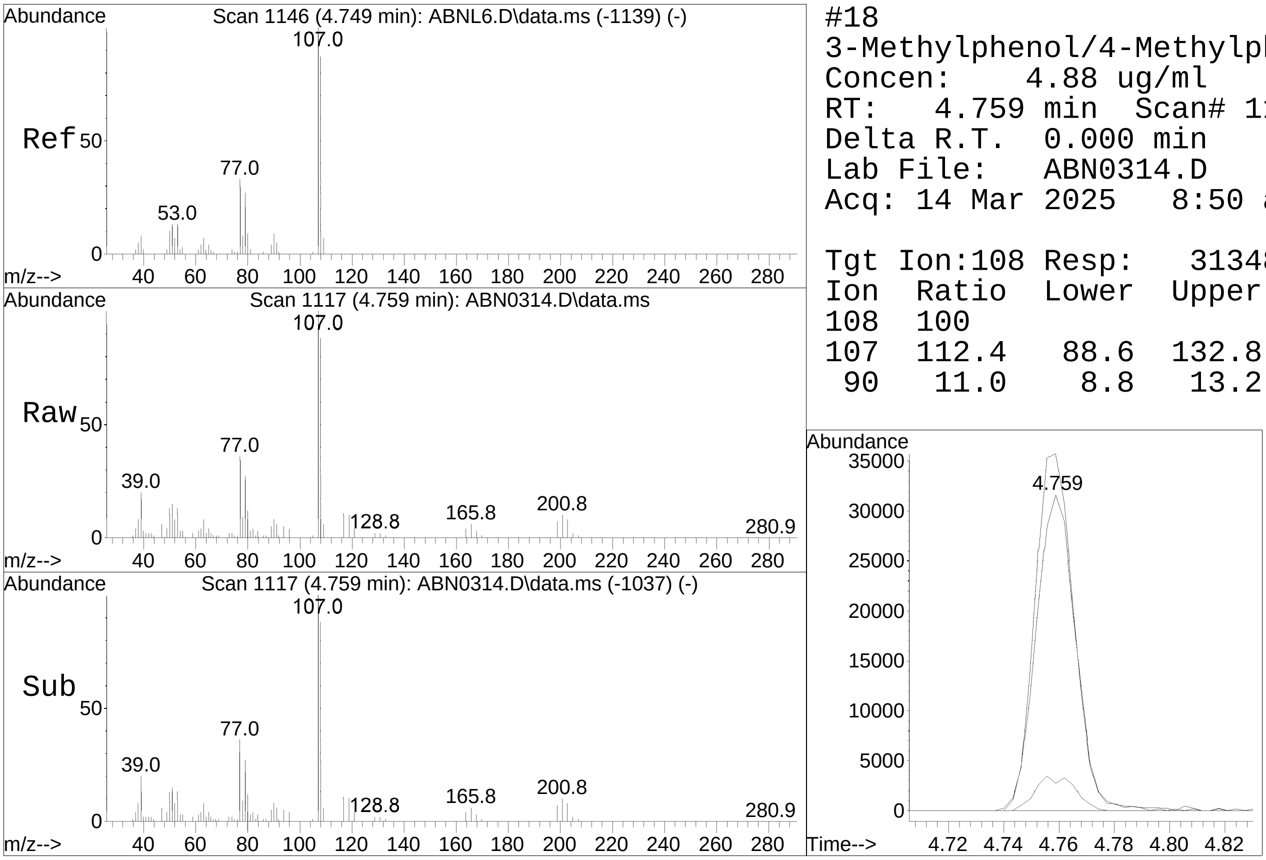


#17
n-Nitrosodi-n-propylamine
Concen: 4.82 ug/ml
RT: 4.721 min Scan# 1105
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 70 Resp: 22597

Ion	Ratio	Lower	Upper
70	100		
130	16.9	18.2	27.4#
101	8.3	7.8	11.8

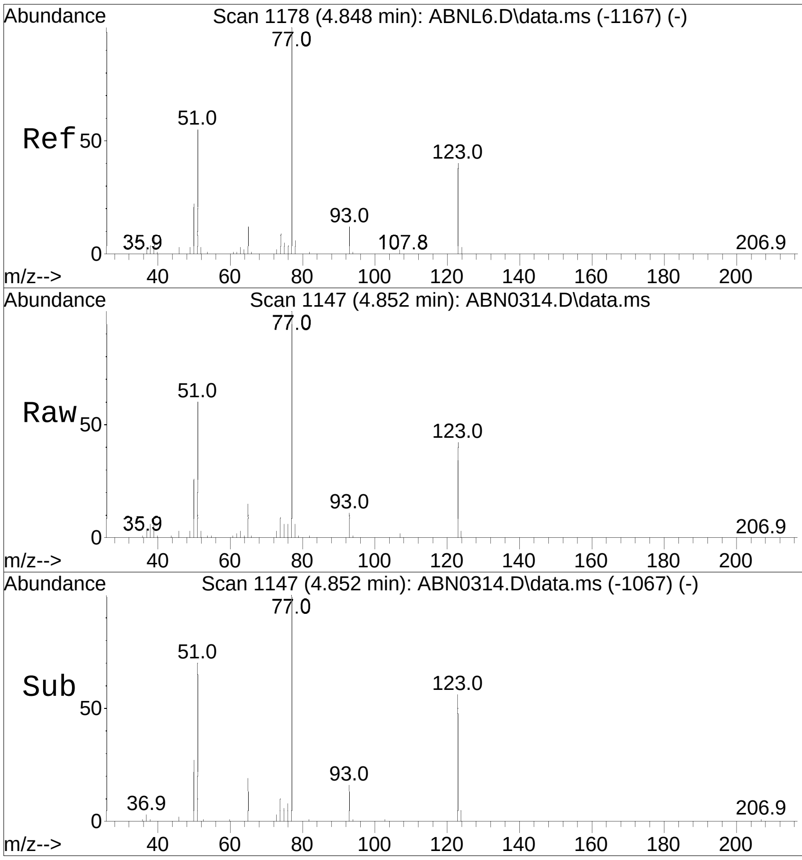




#18
3-Methylphenol/4-Methylphenol
Concen: 4.88 ug/ml
RT: 4.759 min Scan# 1117
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:108 Resp: 31348

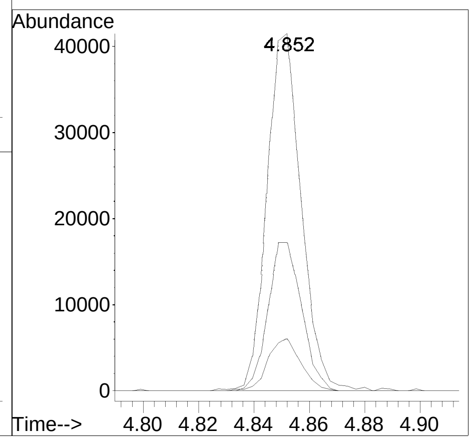
Ion	Ratio	Lower	Upper
108	100		
107	112.4	88.6	132.8
90	11.0	8.8	13.2

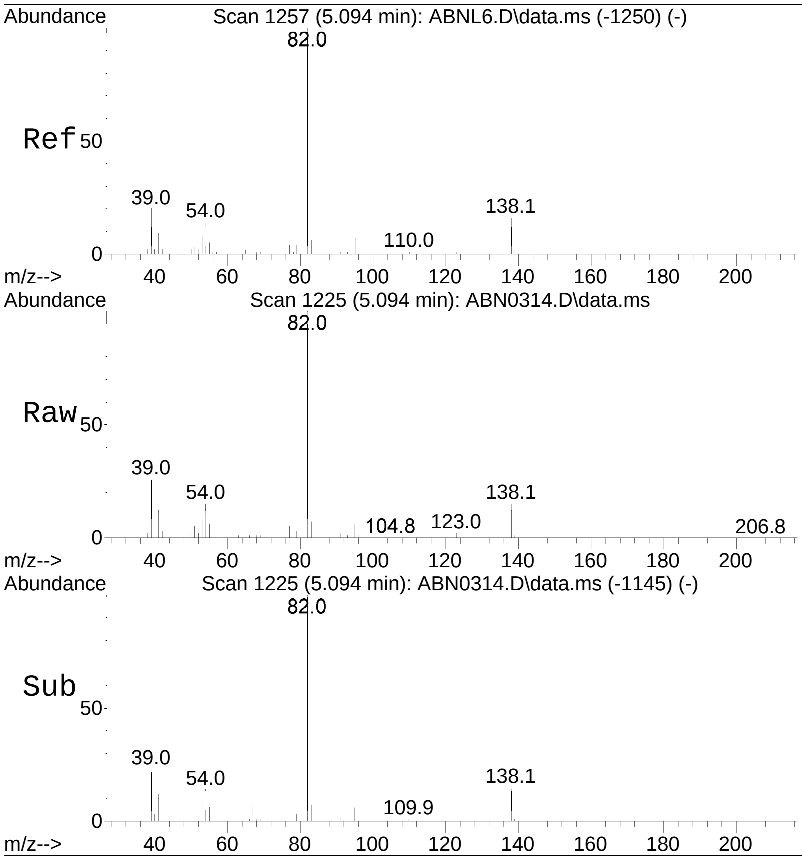


#20
Nitrobenzene
Concen: 5.36 ug/ml
RT: 4.852 min Scan# 1147
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 77 Resp: 35593

Ion	Ratio	Lower	Upper
77	100		
123	40.8	36.3	54.5
65	14.1	11.6	17.4

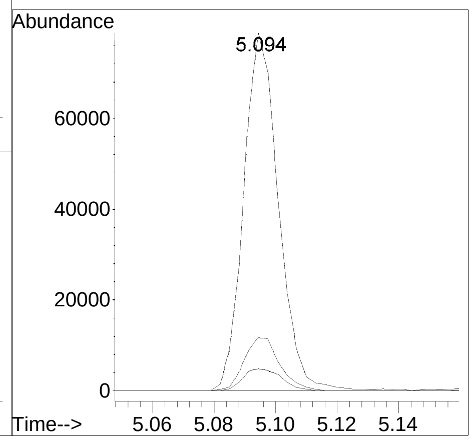


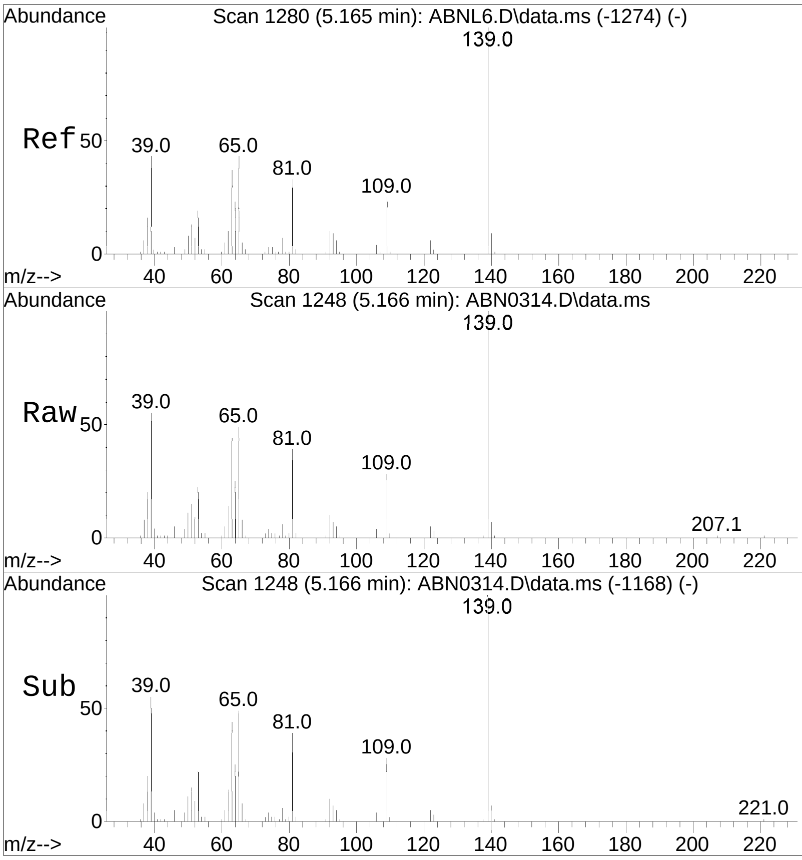


#21
Isophorone
Concen: 5.04 ug/ml
RT: 5.094 min Scan# 1225
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 82 Resp: 61520

Ion	Ratio	Lower	Upper
82	100		
138	15.1	14.7	22.1
95	6.7	5.2	7.8

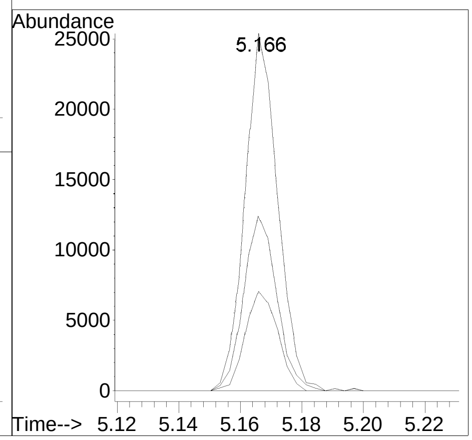


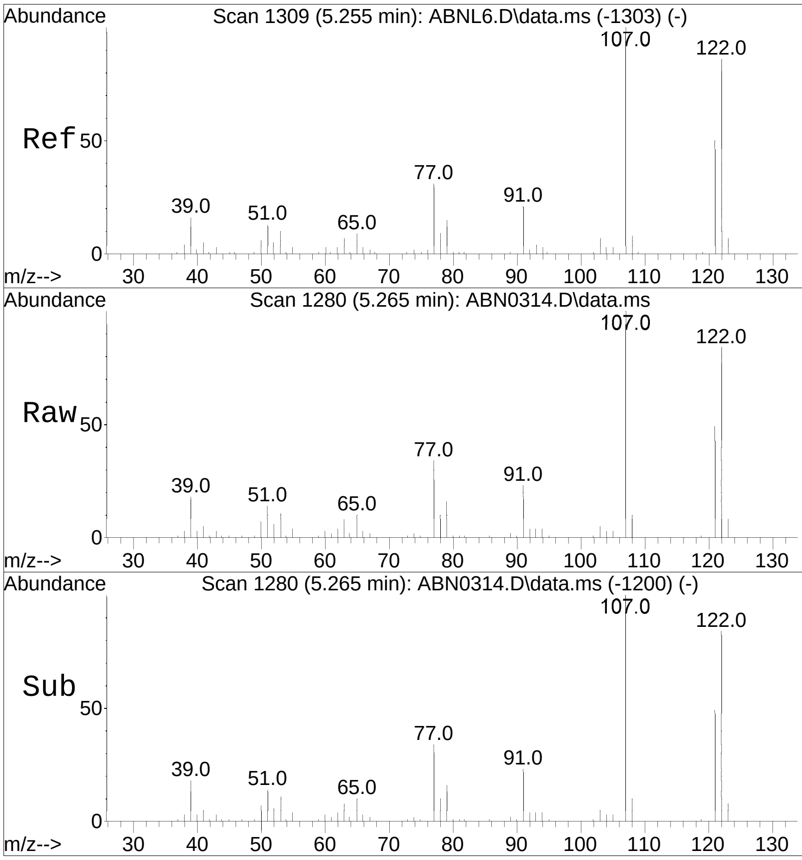


#22
2-Nitrophenol
Concen: 5.59 ug/ml
RT: 5.166 min Scan# 1248
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:139 Resp: 18790

Ion	Ratio	Lower	Upper
139	100		
109	27.7	19.4	29.0
65	49.6	46.1	69.1

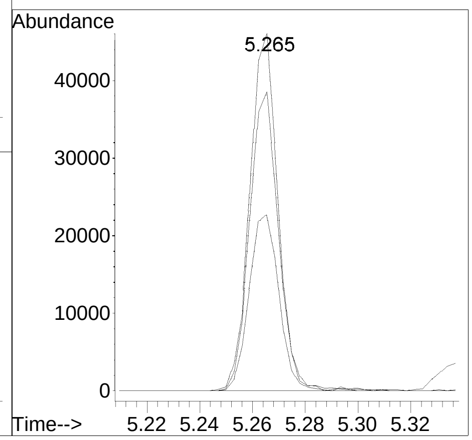


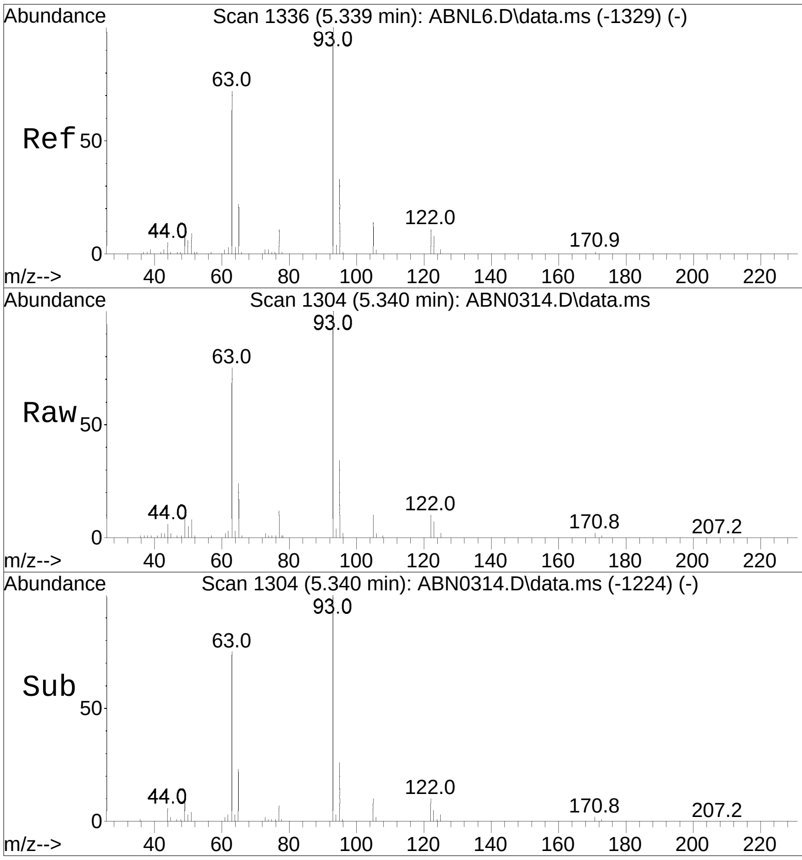


#23
2,4-Dimethylphenol
Concen: 5.75 ug/ml
RT: 5.265 min Scan# 1280
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:107 Resp: 34358

Ion	Ratio	Lower	Upper
107	100		
121	51.9	40.0	60.0
122	84.8	70.2	105.4

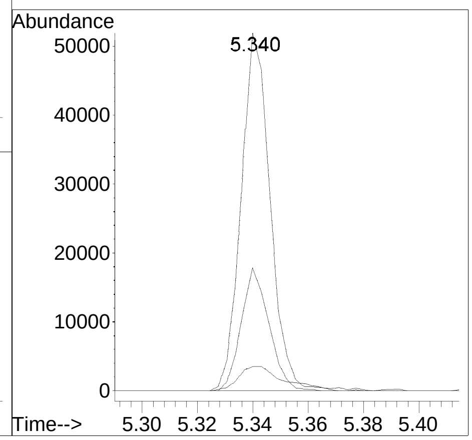


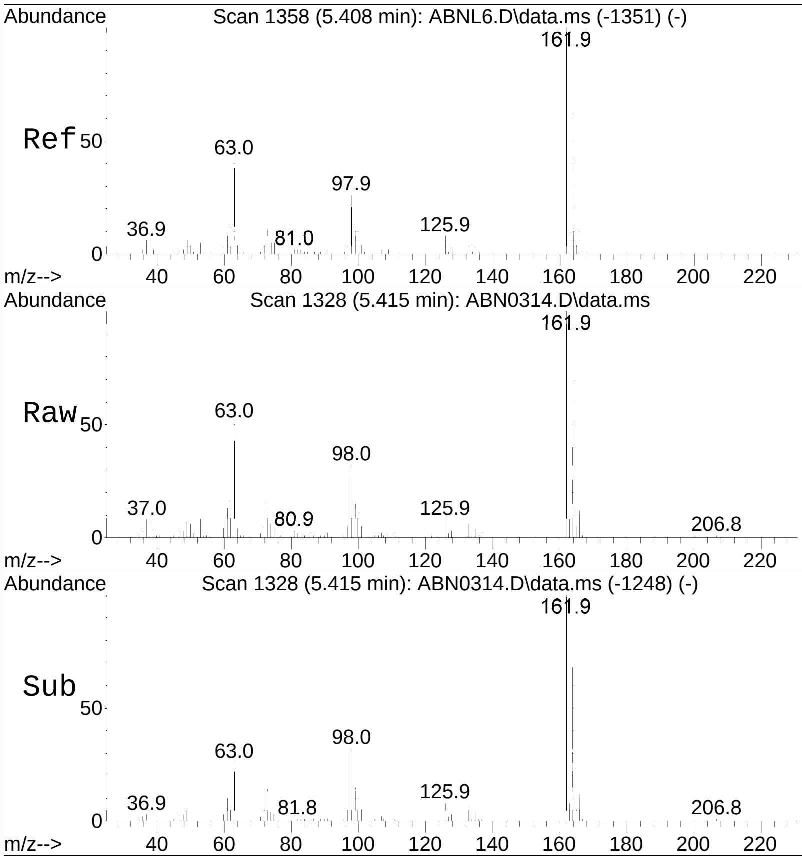


#24
Bis(2-chloroethoxy)methane
Concen: 4.98 ug/ml
RT: 5.340 min Scan# 1304
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 93 Resp: 37821

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.8
123	10.7	10.1	15.1

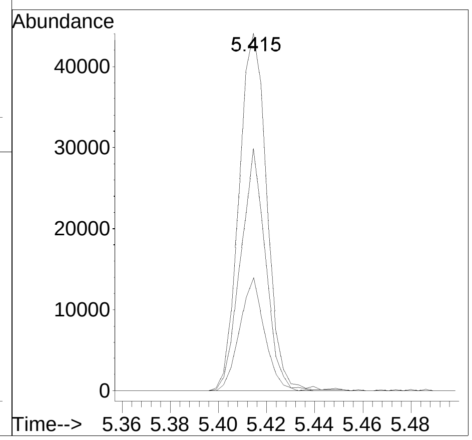


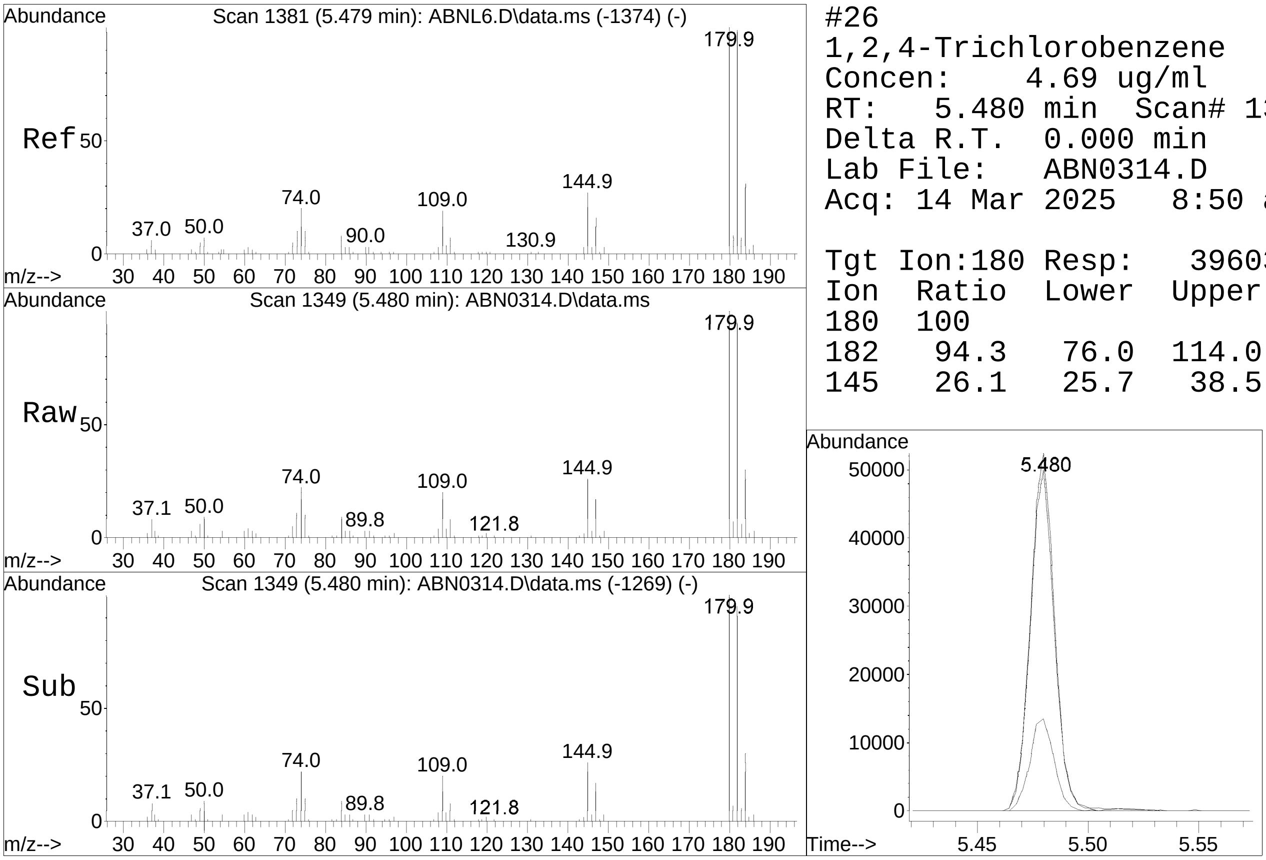


#25
2,4-Dichlorophenol
Concen: 5.09 ug/ml
RT: 5.415 min Scan# 1328
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:162 Resp: 35492

Ion	Ratio	Lower	Upper
162	100		
164	61.0	51.0	76.4
98	28.2	32.2	48.2#

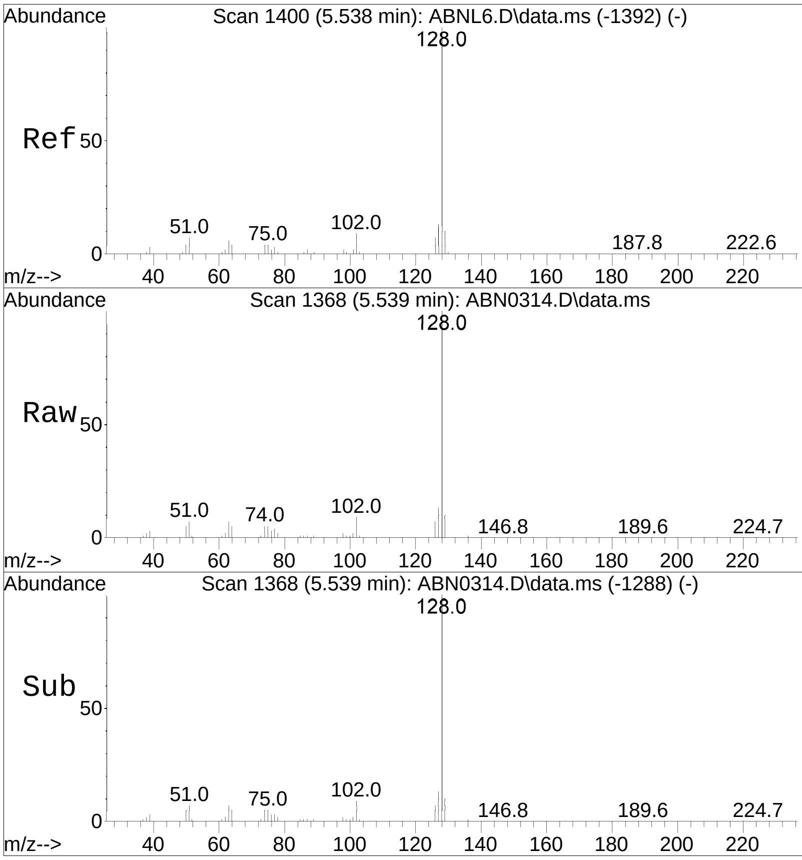




#26
1,2,4-Trichlorobenzene
Concen: 4.69 ug/ml
RT: 5.480 min Scan# 1349
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:180 Resp: 39603

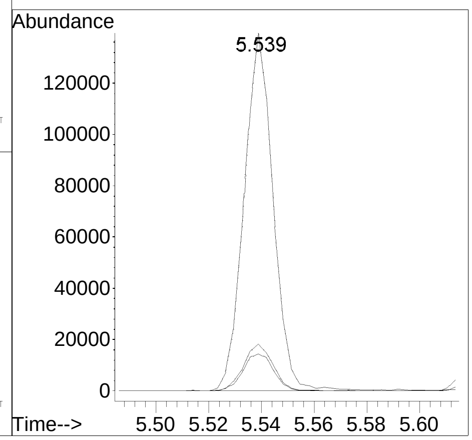
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
145	26.1	25.7	38.5

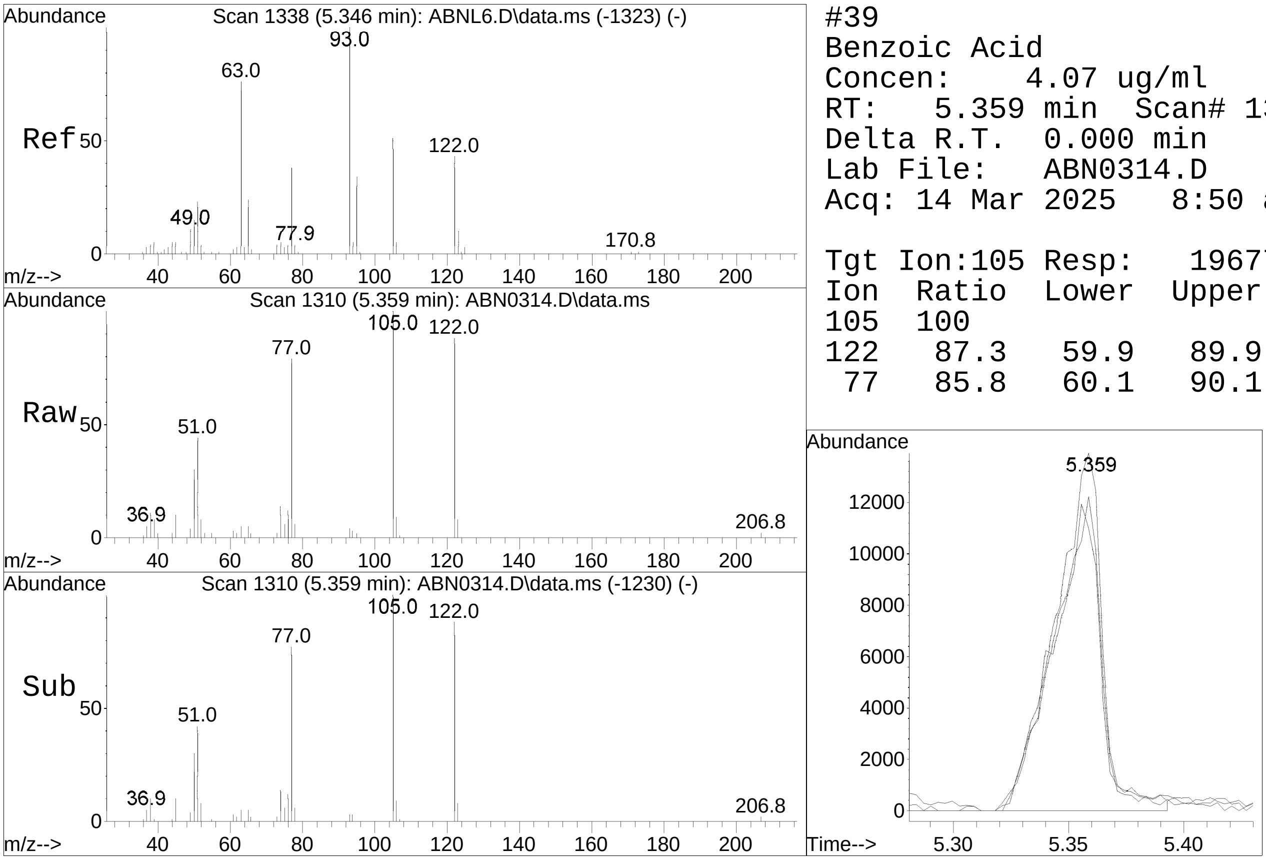


#38
Naphthalene
Concen: 4.54 ug/ml
RT: 5.539 min Scan# 1368
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:128 Resp: 106119

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.3	10.3	15.5

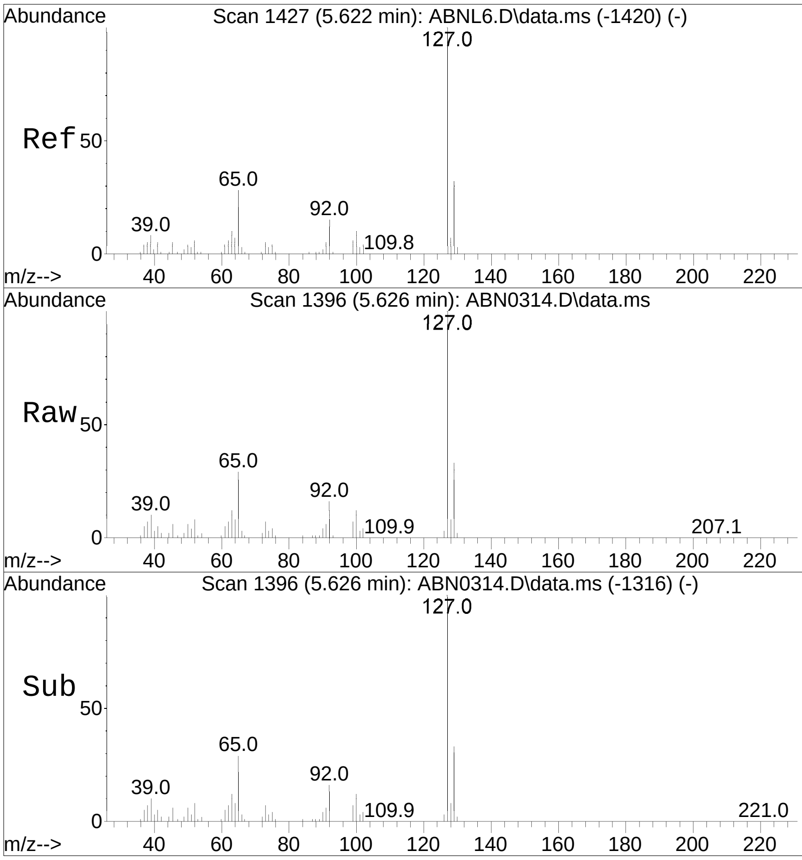




#39
Benzoic Acid
Concen: 4.07 ug/ml
RT: 5.359 min Scan# 1310
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:105 Resp: 19677

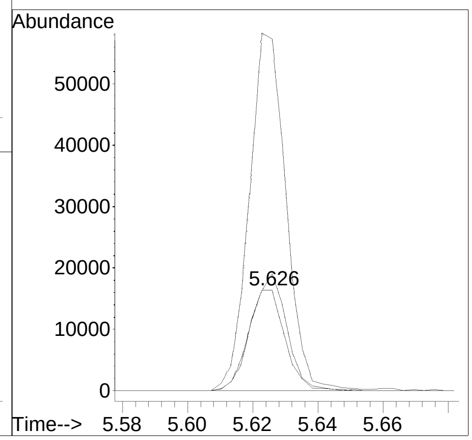
Ion	Ratio	Lower	Upper
105	100		
122	87.3	59.9	89.9
77	85.8	60.1	90.1

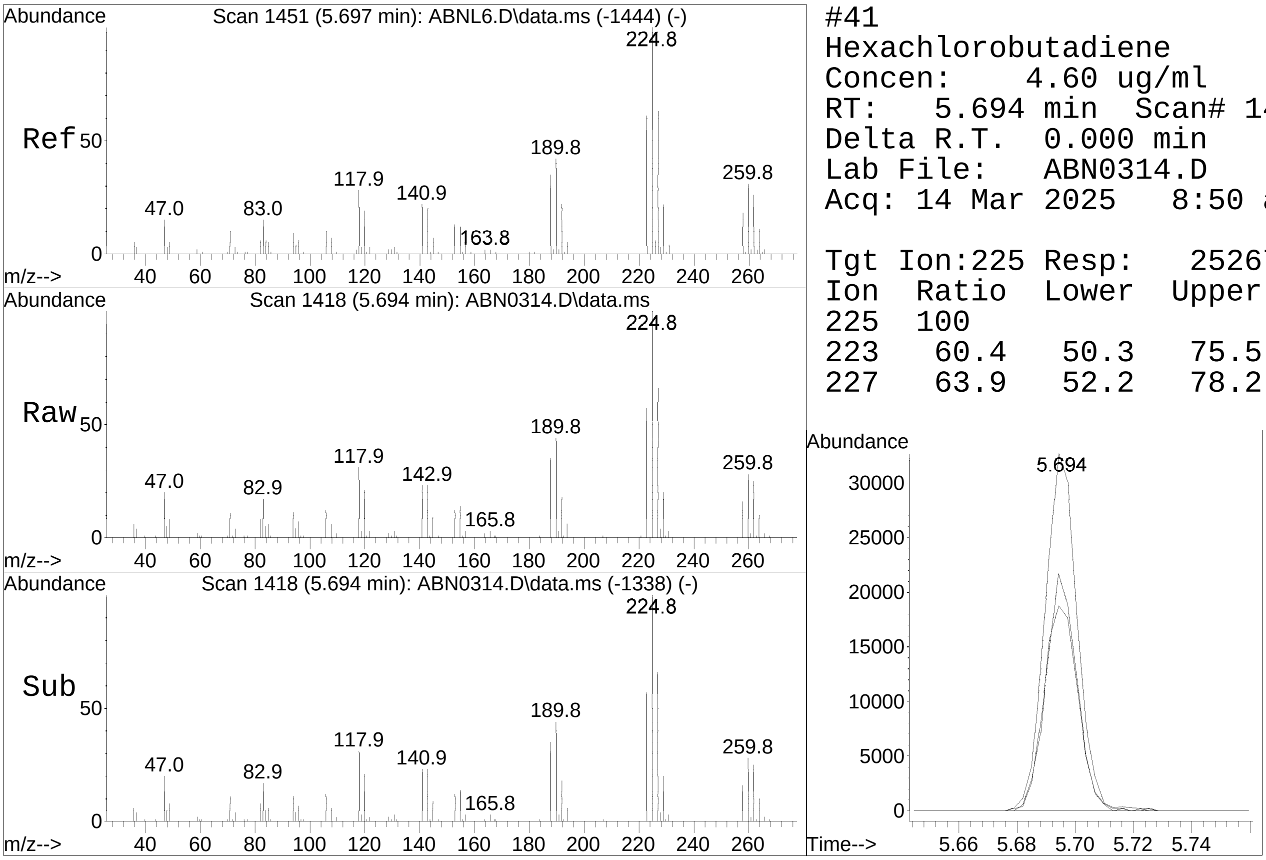


#40
4-Chloroaniline
Concen: 5.00 ug/ml
RT: 5.626 min Scan# 1396
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 65 Resp: 12835

Ion	Ratio	Lower	Upper
65	100		
127	352.5	237.6	356.4
129	112.1	76.3	114.5

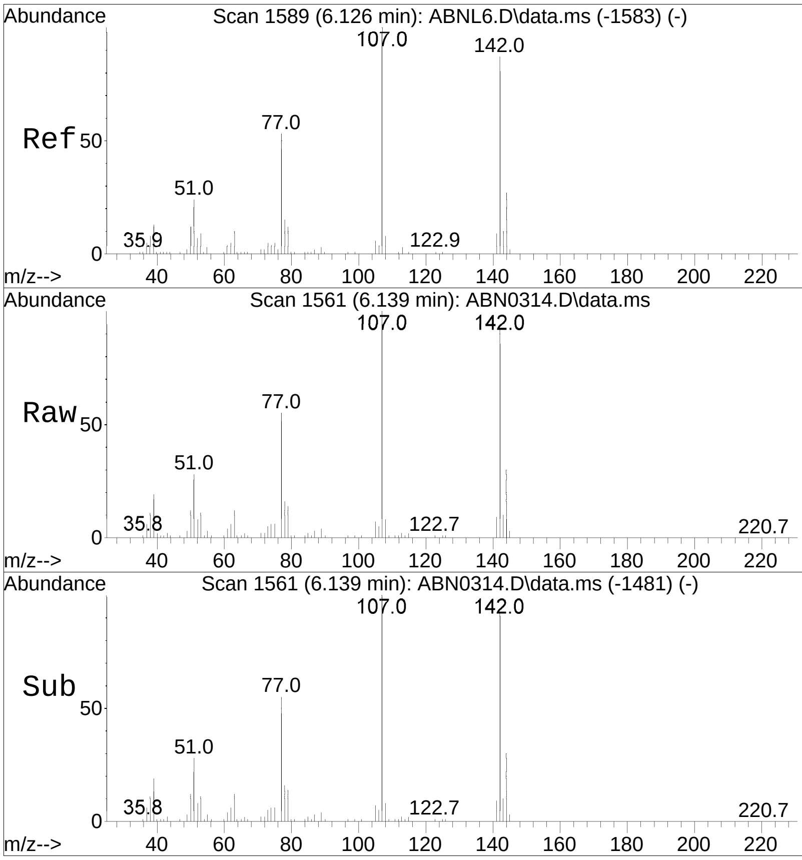




#41
Hexachlorobutadiene
Concen: 4.60 ug/ml
RT: 5.694 min Scan# 1418
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:225 Resp: 25267

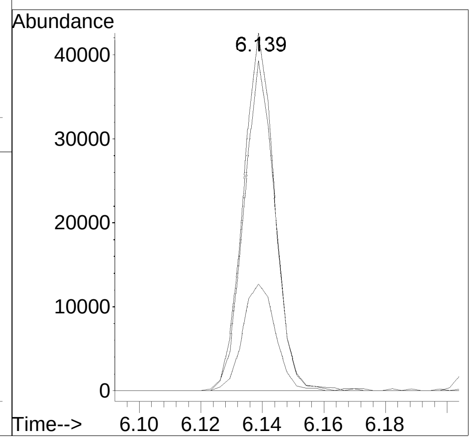
Ion	Ratio	Lower	Upper
225	100		
223	60.4	50.3	75.5
227	63.9	52.2	78.2

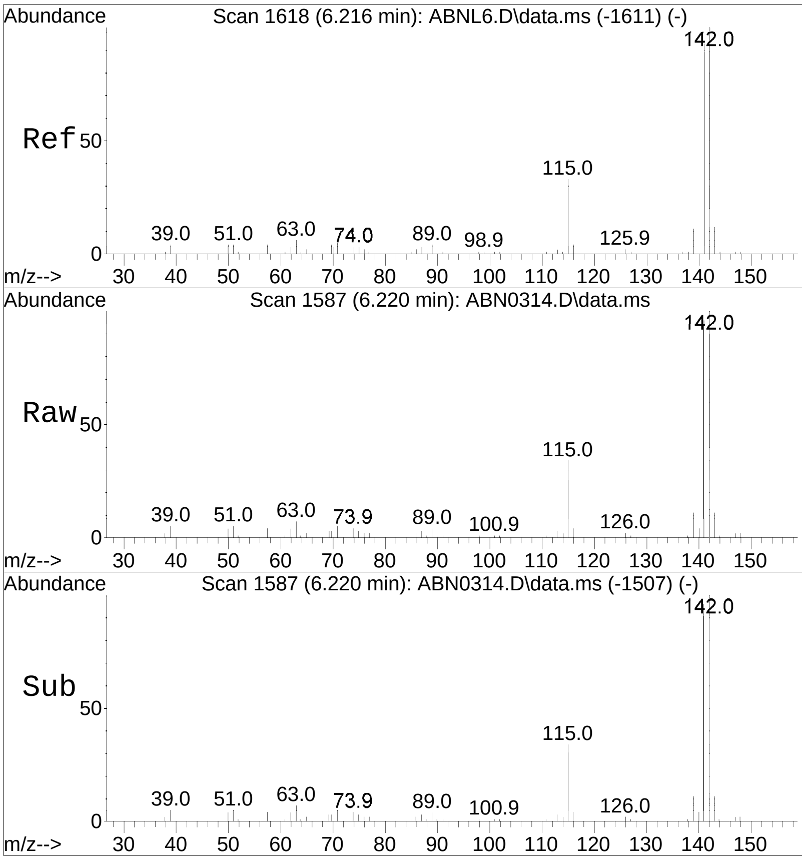


#42
p-Chloro-m-cresol
Concen: 4.90 ug/ml
RT: 6.139 min Scan# 1561
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:107 Resp: 30156

Ion	Ratio	Lower	Upper
107	100		
144	31.4	20.9	31.3#
142	91.9	66.1	99.1

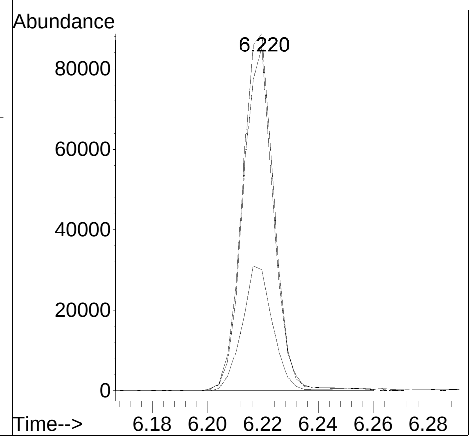


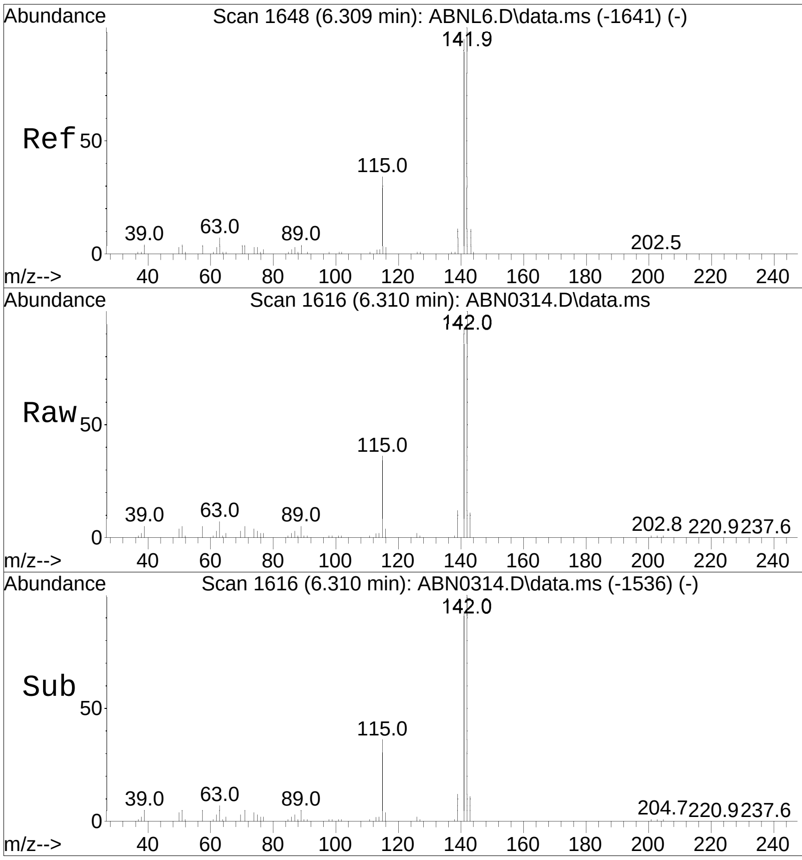


#43
2-Methylnaphthalene
Concen: 4.37 ug/ml
RT: 6.220 min Scan# 1587
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:142 Resp: 70595

Ion	Ratio	Lower	Upper
142	100		
141	92.0	69.6	104.4
115	33.8	26.6	40.0

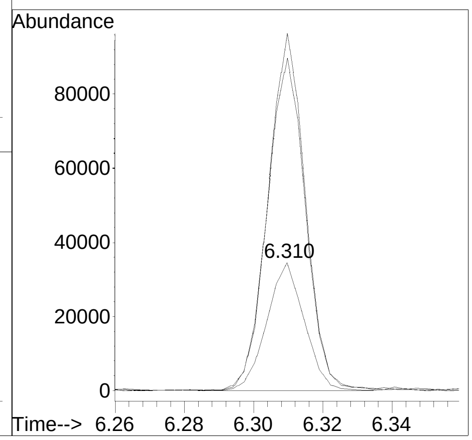


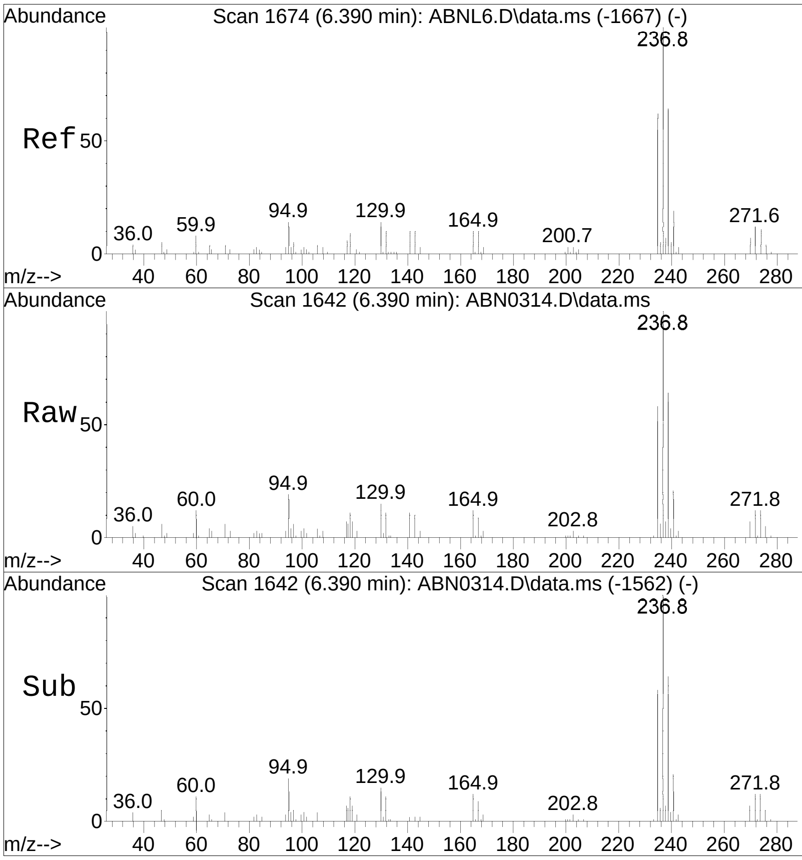


#44
1-Methylnaphthalene
Concen: 5.10 ug/ml
RT: 6.310 min Scan# 1616
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:115 Resp: 26236

Ion	Ratio	Lower	Upper
115	100		
141	259.4	207.8	311.6
142	272.7	226.8	340.2

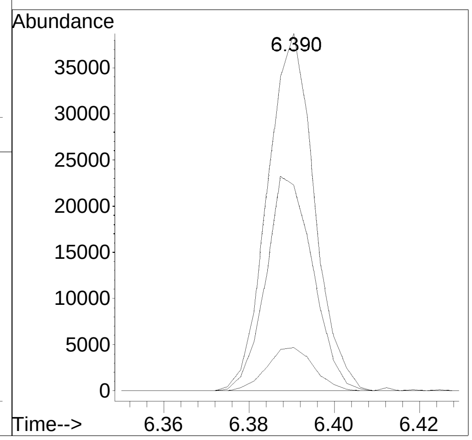


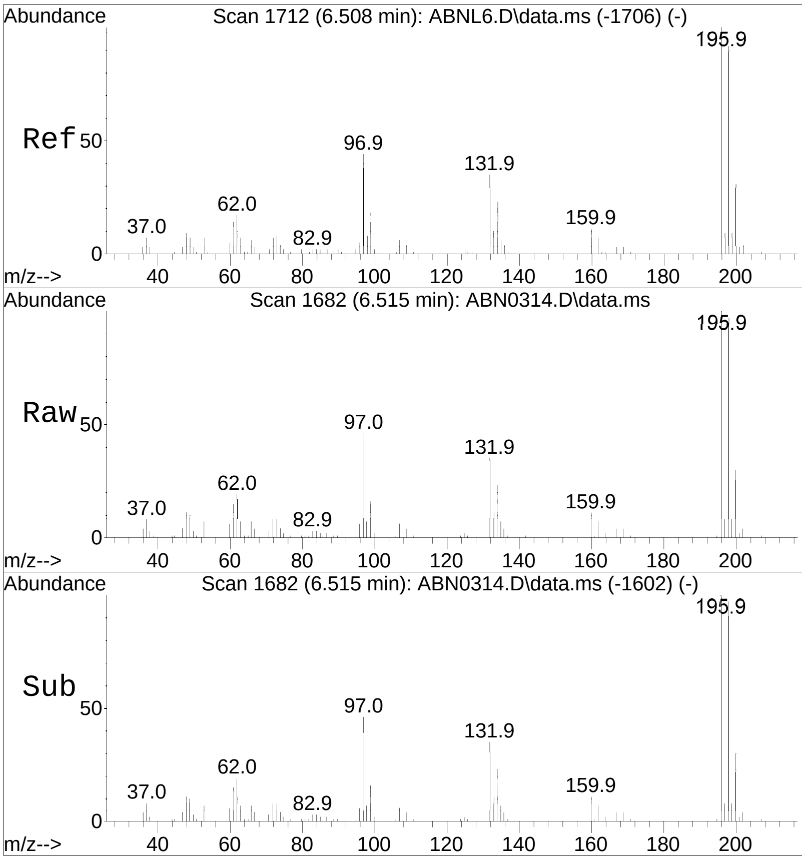


#45
Hexachlorocyclopentadiene
Concen: 5.10 ug/ml
RT: 6.390 min Scan# 1642
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:237 Resp: 29475

Ion	Ratio	Lower	Upper
237	100		
235	60.6	49.7	74.5
272	12.3	9.8	14.6

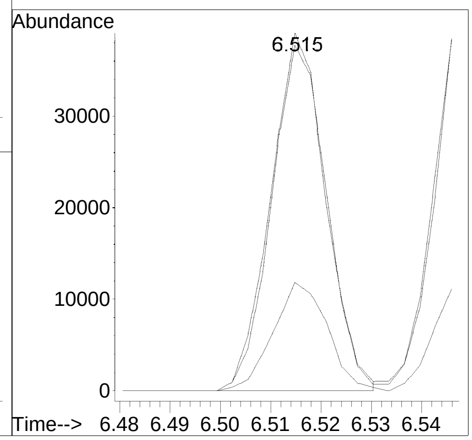


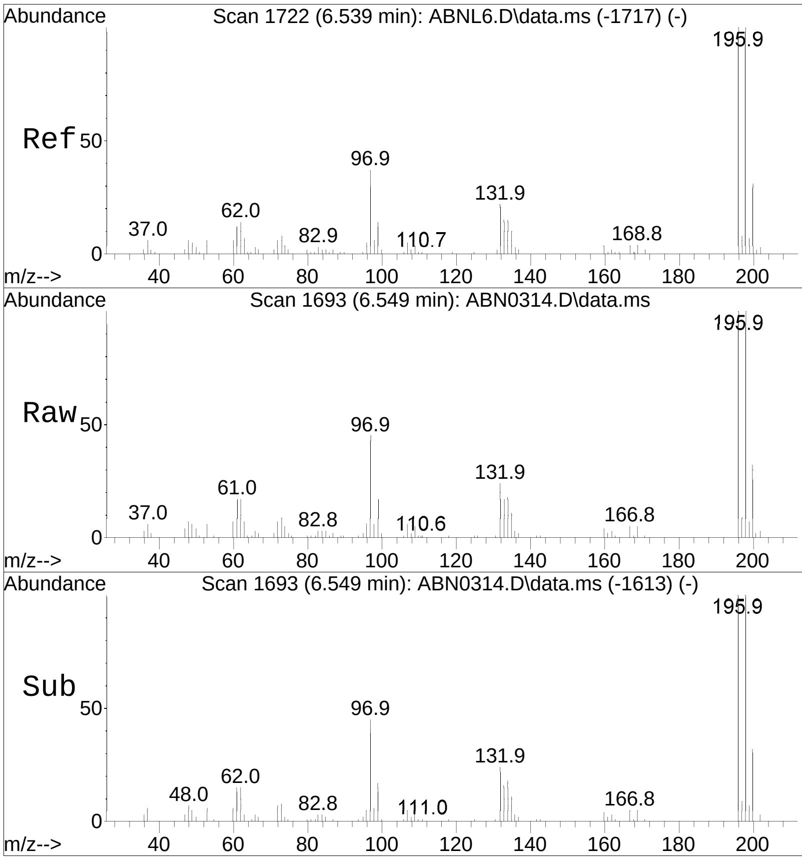


#46
2,4,6-Trichlorophenol
Concen: 4.85 ug/ml
RT: 6.515 min Scan# 1682
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025   8:50 am

Tgt Ion:196 Resp: 29514

Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.5	116.3
200	30.0	23.8	35.6

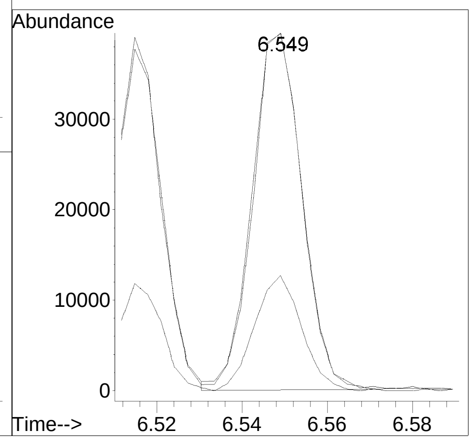


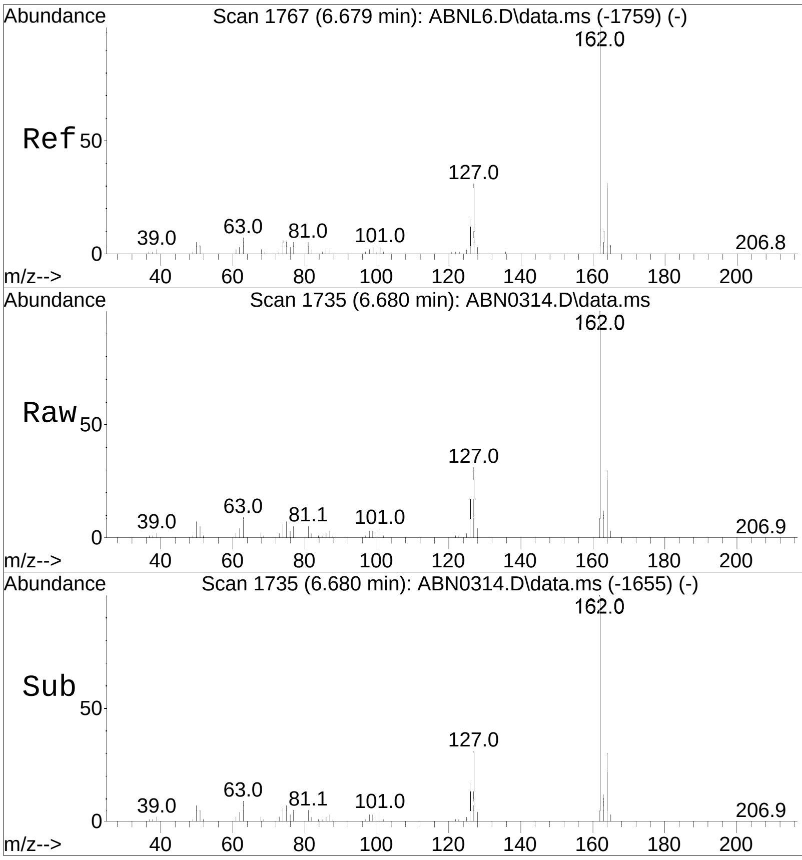


#47
2,4,5-Trichlorophenol
Concen: 4.72 ug/ml
RT: 6.549 min Scan# 1693
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:196 Resp: 32140

Ion	Ratio	Lower	Upper
196	100		
200	30.5	25.4	38.0
198	97.7	78.0	117.0

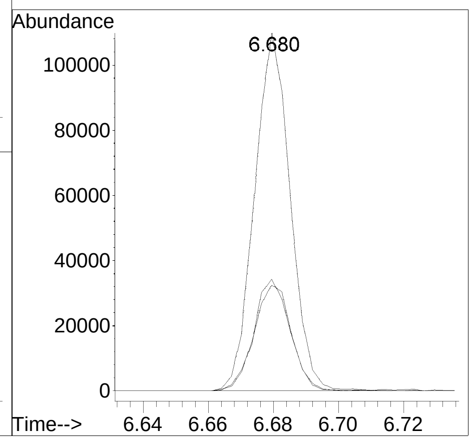


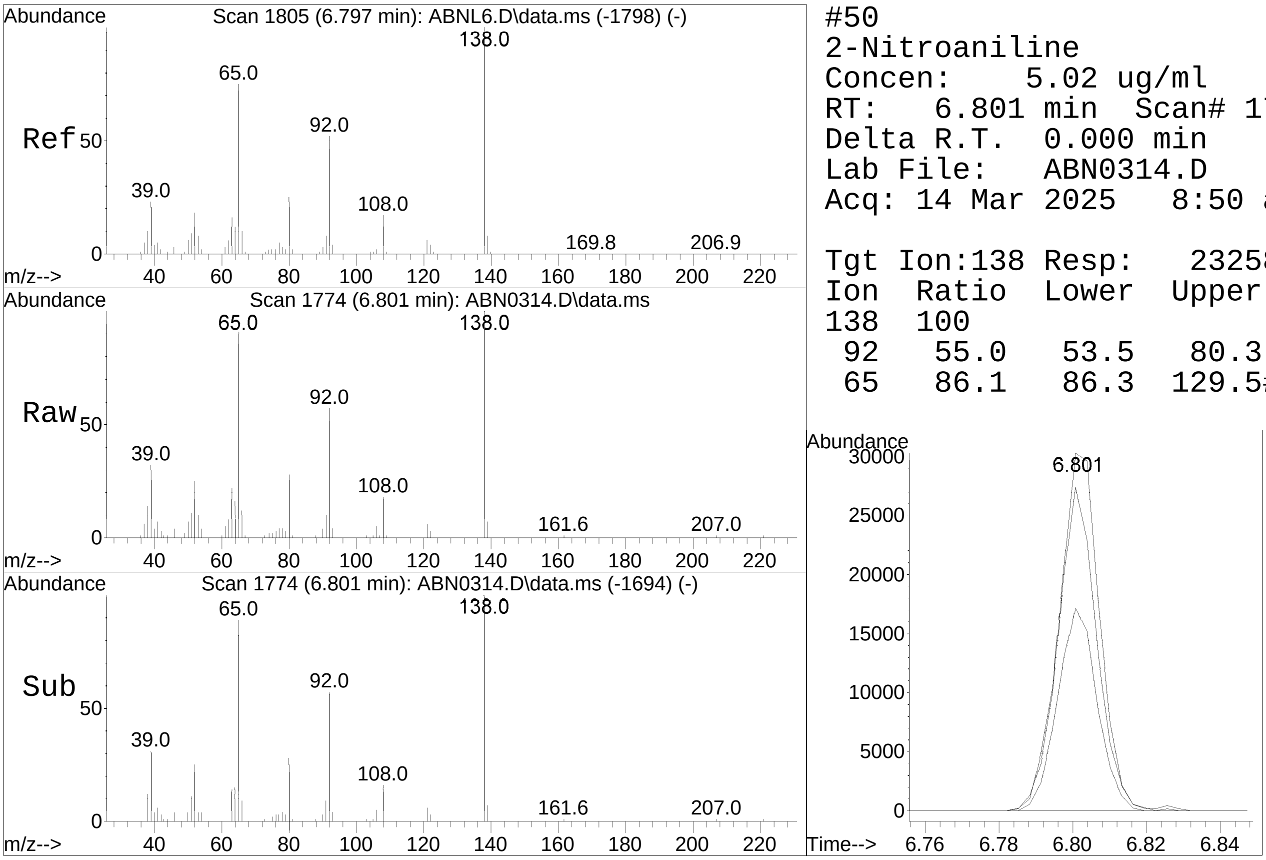


#49
2-Chloronaphthalene
Concen: 4.59 ug/ml
RT: 6.680 min Scan# 1735
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:162 Resp: 83010

Ion	Ratio	Lower	Upper
162	100		
127	31.6	32.2	48.4#
164	31.1	25.7	38.5

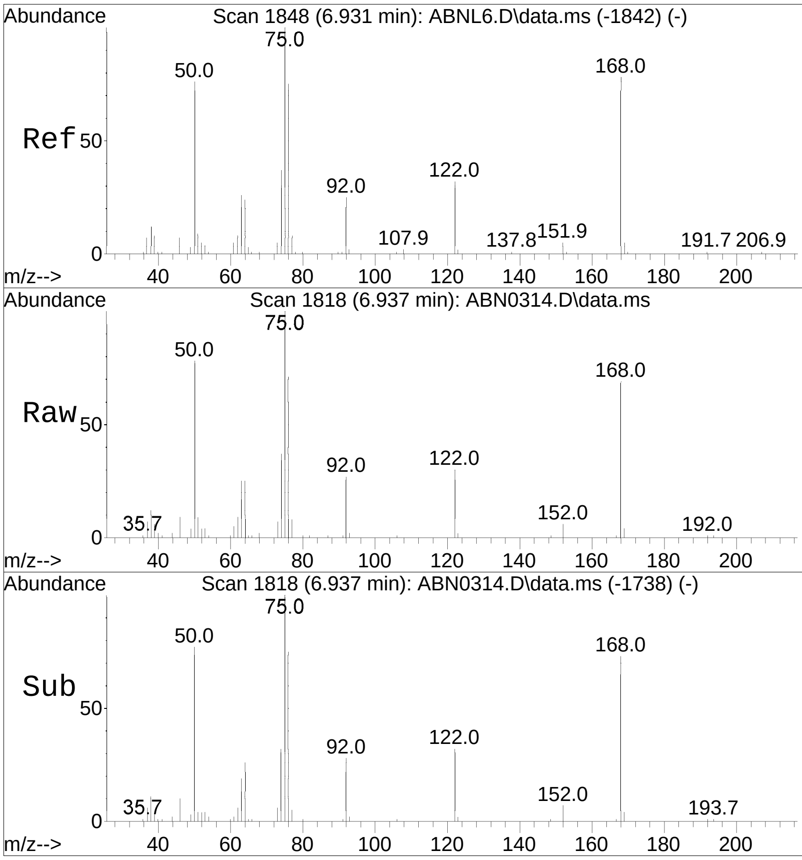




#50
2-Nitroaniline
Concen: 5.02 ug/ml
RT: 6.801 min Scan# 1774
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:138 Resp: 23258

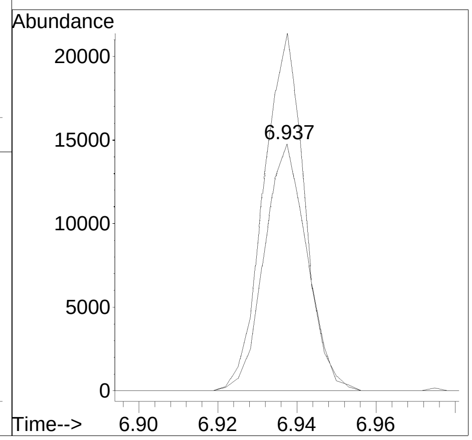
Ion	Ratio	Lower	Upper
138	100		
92	55.0	53.5	80.3
65	86.1	86.3	129.5#

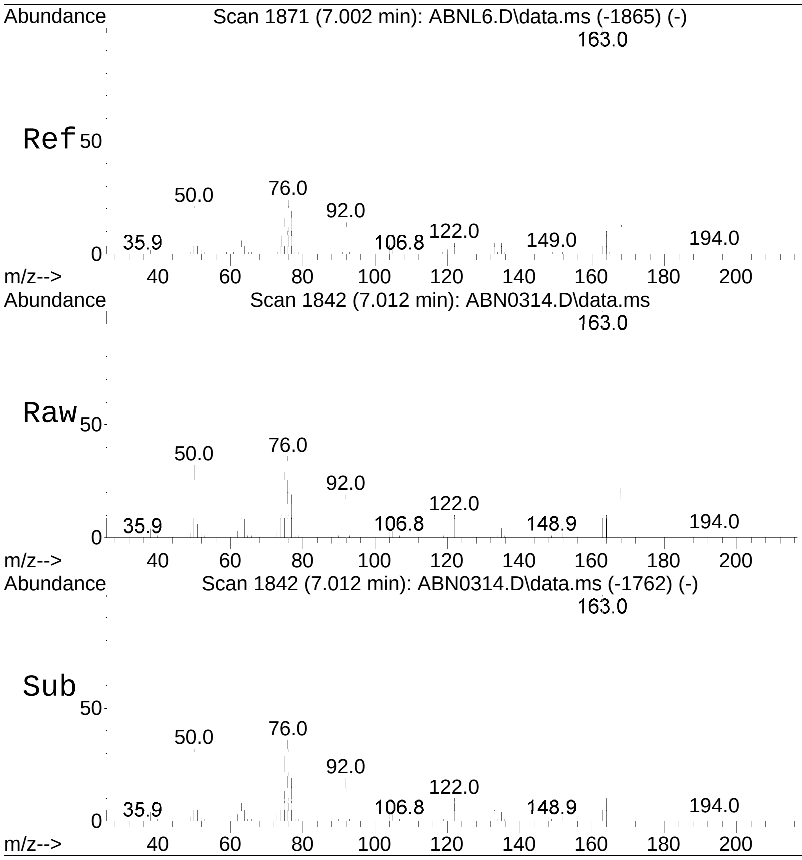


#51
1,4-Dinitrobenzene
Concen: 5.51 ug/ml
RT: 6.937 min Scan# 1818
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:168 Resp: 11096

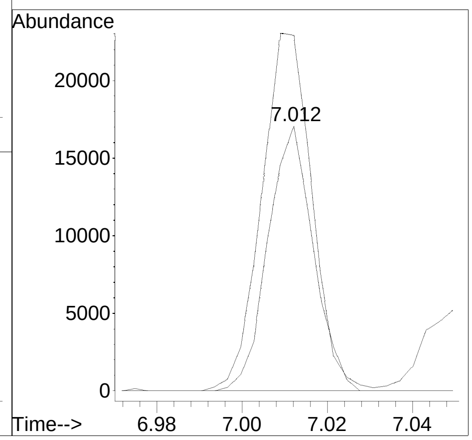
Ion	Ratio	Lower	Upper
168	100		
75	138.3	121.8	182.8

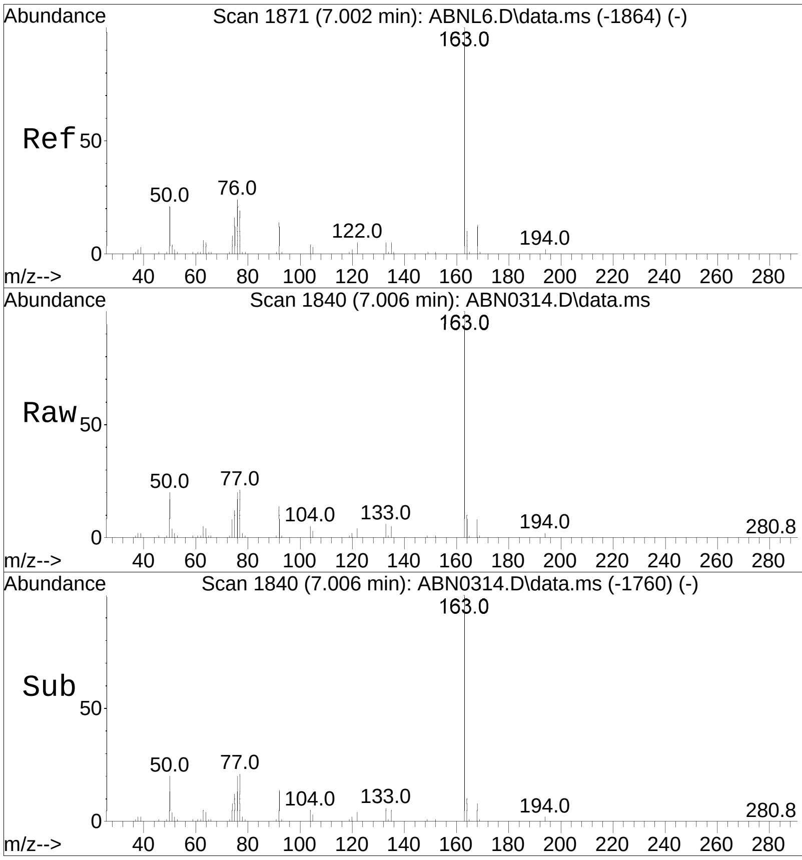




#52
1,3-Dinitrobenzene
Concen: 5.22 ug/ml
RT: 7.012 min Scan# 1842
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:168	Resp:	12586	
Ion	Ratio	Lower	Upper
168	100		
75	149.6	22.7	34.1#

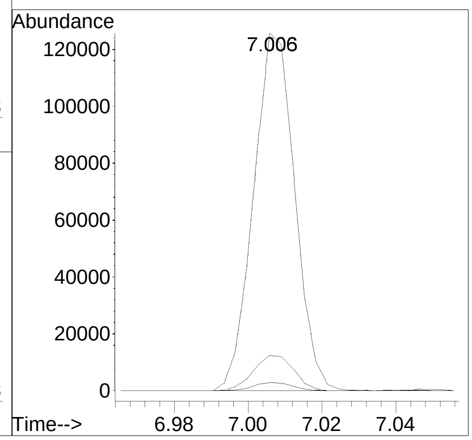


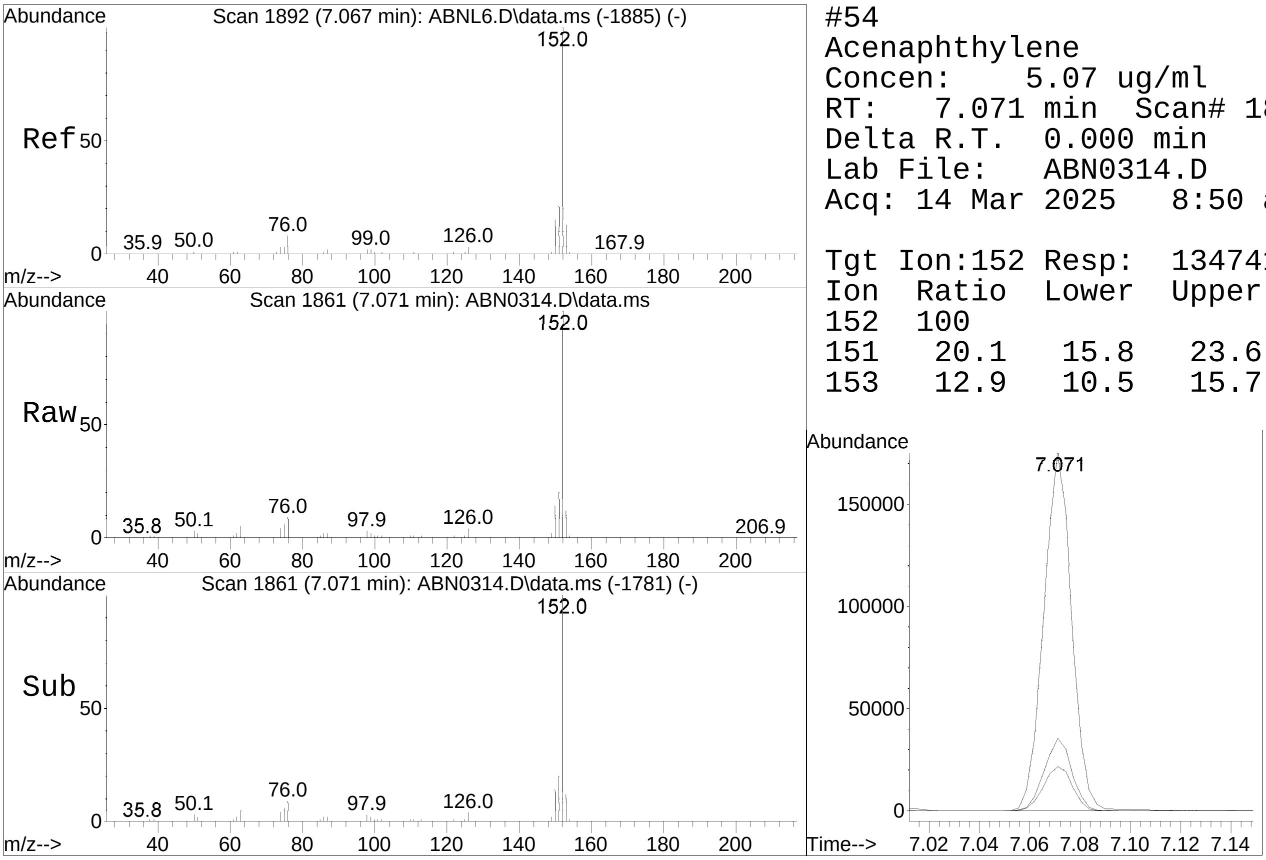


#53
Dimethyl phthalate
Concen: 4.62 ug/ml
RT: 7.006 min Scan# 1840
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:163 Resp: 97122

Ion	Ratio	Lower	Upper
163	100		
194	2.3	3.5	5.3#
164	9.8	7.9	11.9

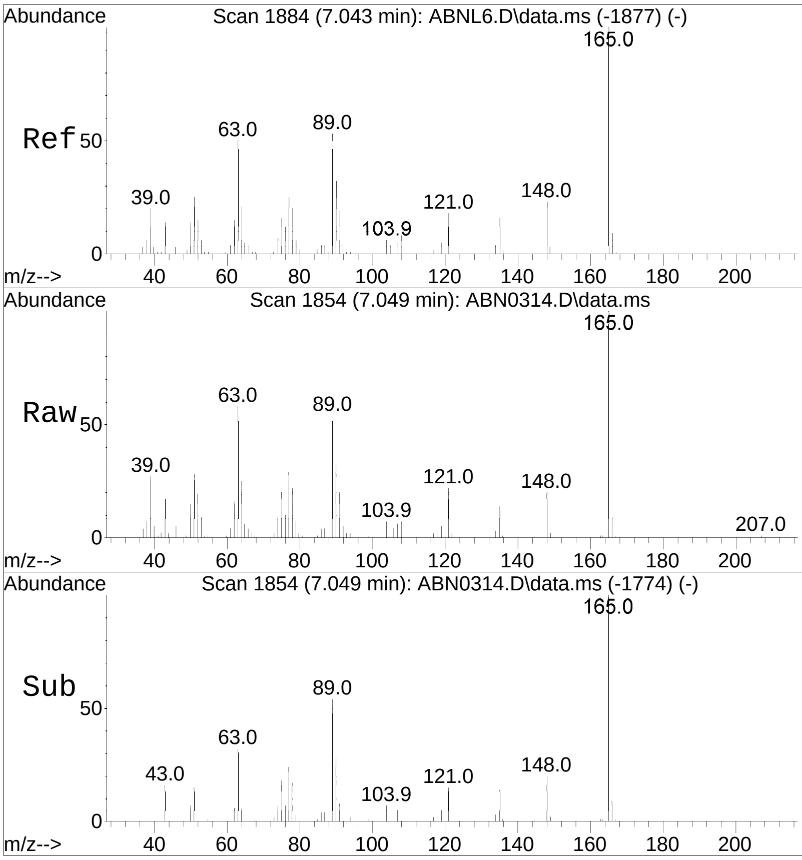




#54
Acenaphthylene
Concen: 5.07 ug/ml
RT: 7.071 min Scan# 1861
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:152 Resp: 134741

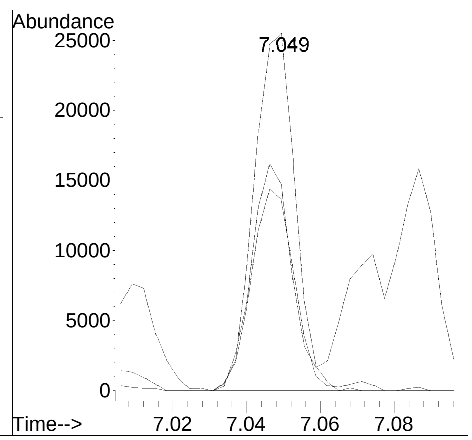
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	12.9	10.5	15.7

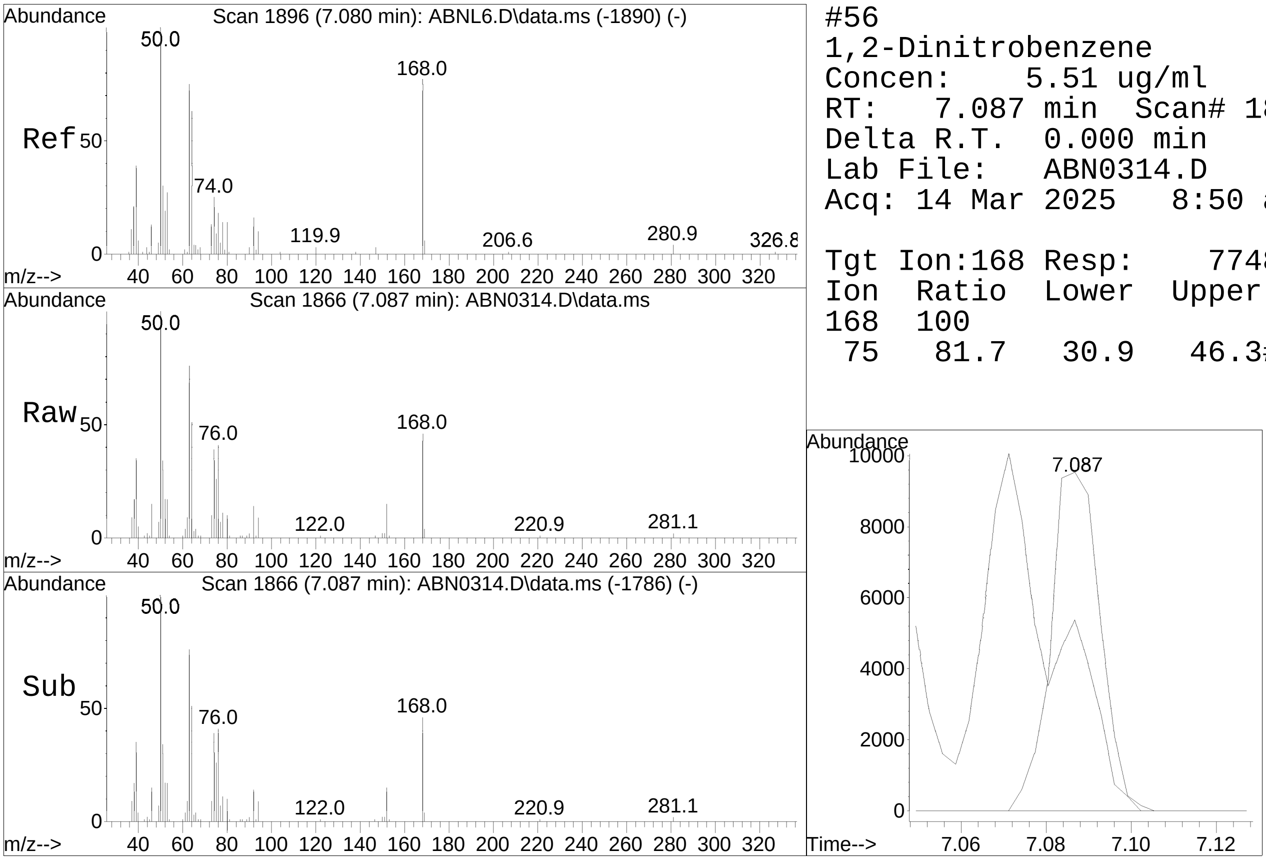


#55
2,6-Dinitrotoluene
Concen: 5.02 ug/ml
RT: 7.049 min Scan# 1854
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:165 Resp: 19733

Ion	Ratio	Lower	Upper
165	100		
89	58.9	54.2	81.2
63	62.5	64.2	96.2#

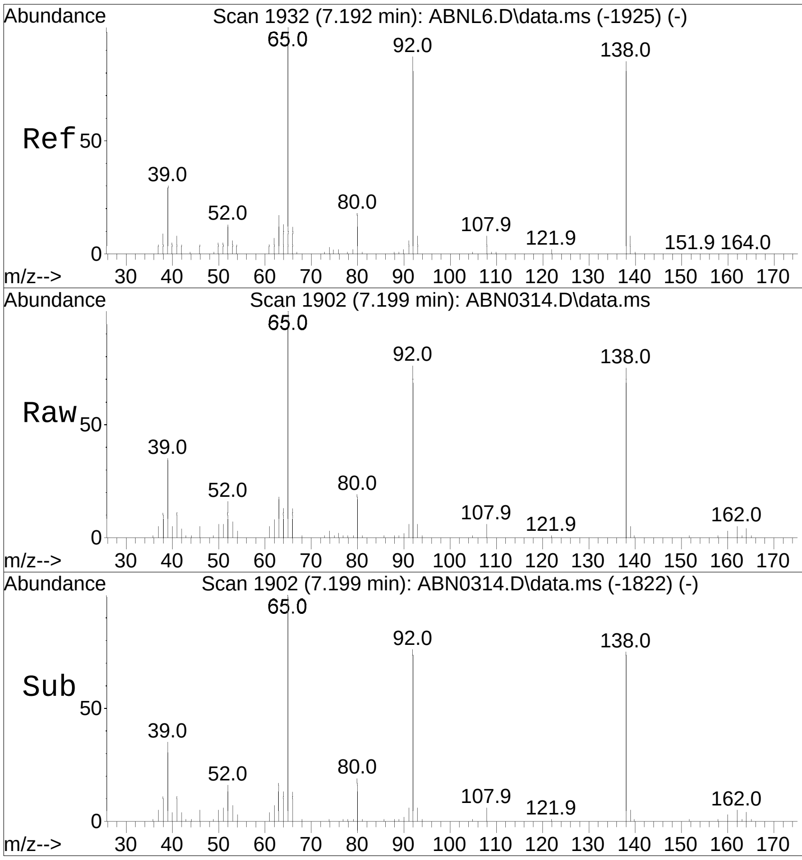




#56
1,2-Dinitrobenzene
Concen: 5.51 ug/ml
RT: 7.087 min Scan# 1866
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:168 Resp: 7748

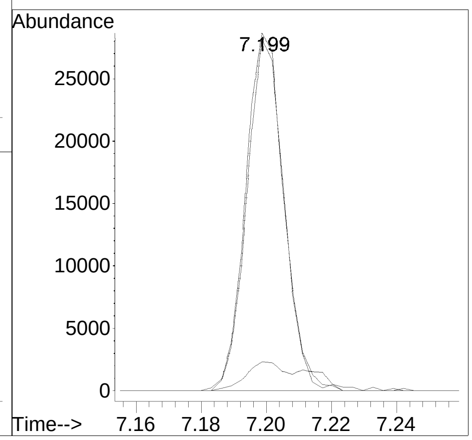
Ion	Ratio	Lower	Upper
168	100		
75	81.7	30.9	46.3#

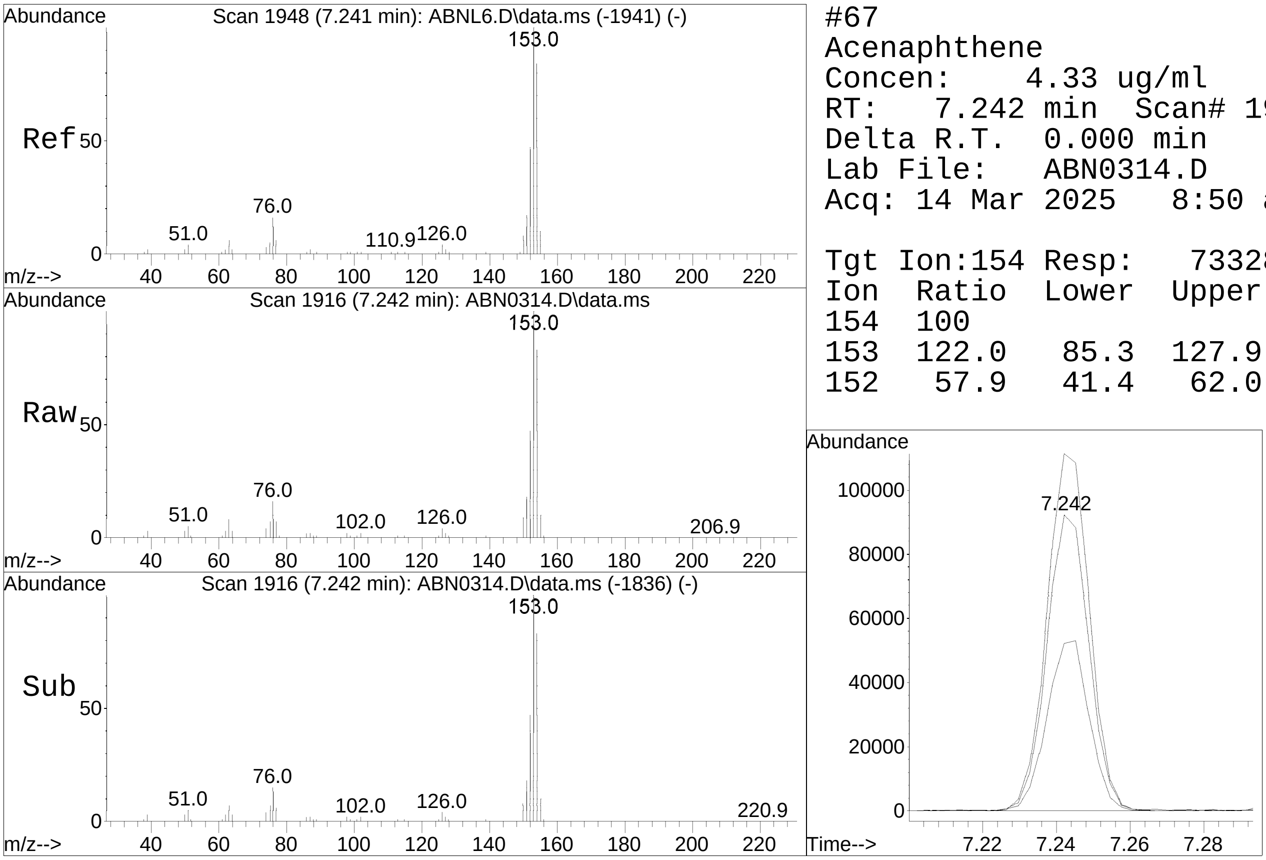


#66
3-Nitroaniline
Concen: 4.95 ug/ml
RT: 7.199 min Scan# 1902
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:138 Resp: 22288

Ion	Ratio	Lower	Upper
138	100		
92	104.5	93.4	140.2
108	8.9	9.5	14.3#

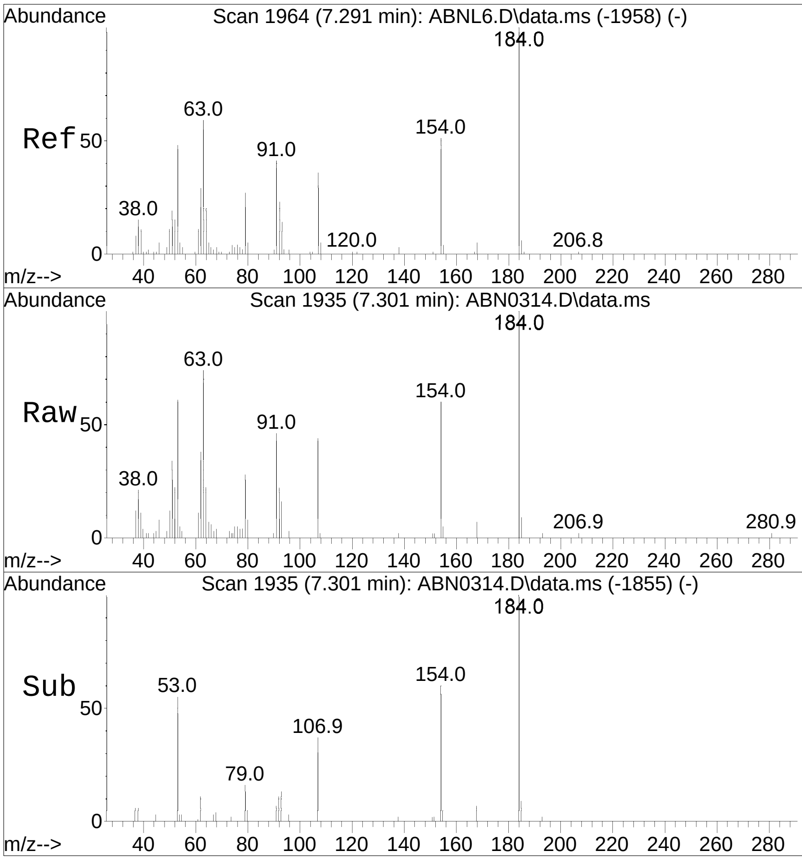




#67
Acenaphthene
Concen: 4.33 ug/ml
RT: 7.242 min Scan# 1916
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:154 Resp: 73328

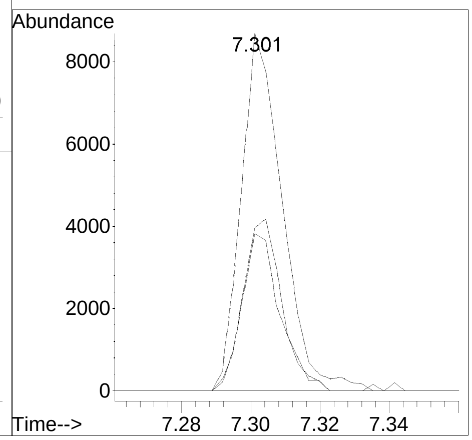
Ion	Ratio	Lower	Upper
154	100		
153	122.0	85.3	127.9
152	57.9	41.4	62.0

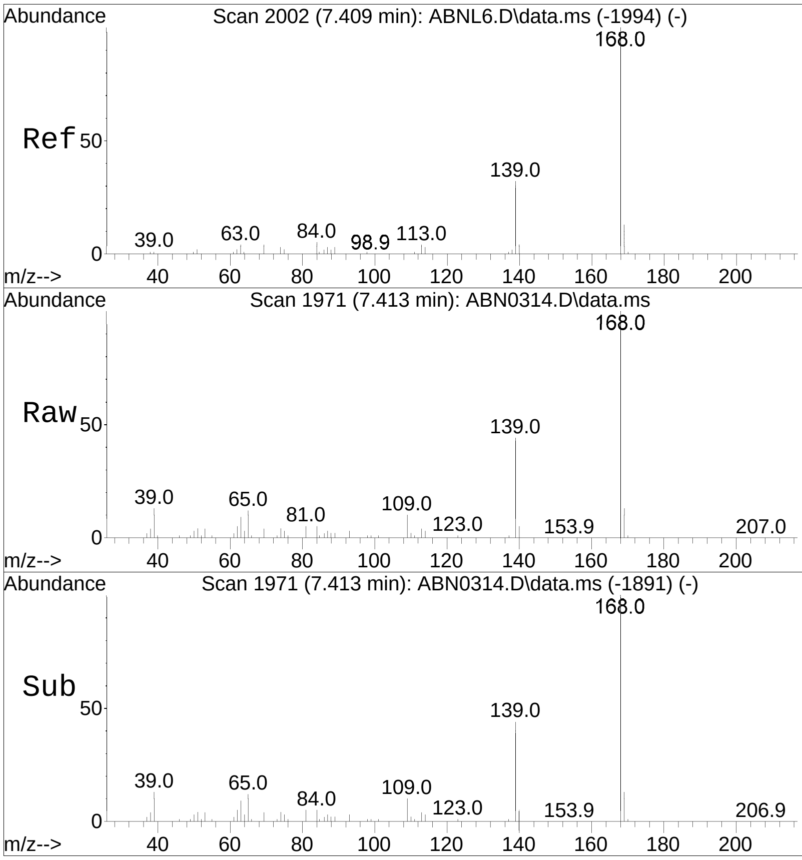


#68
2,4-Dinitrophenol
Concen: 2.88 ug/ml
RT: 7.301 min Scan# 1935
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:184 Resp: 7170

Ion	Ratio	Lower	Upper
184	100		
107	41.1	37.7	56.5
91	45.5	46.3	69.5#

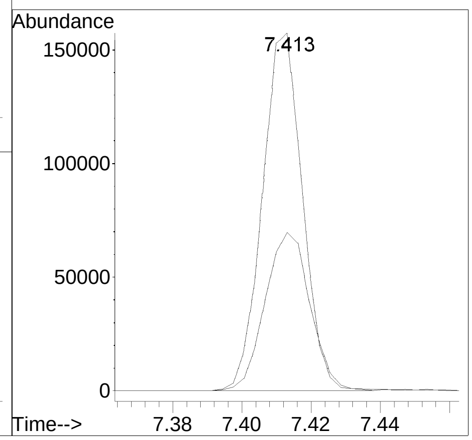


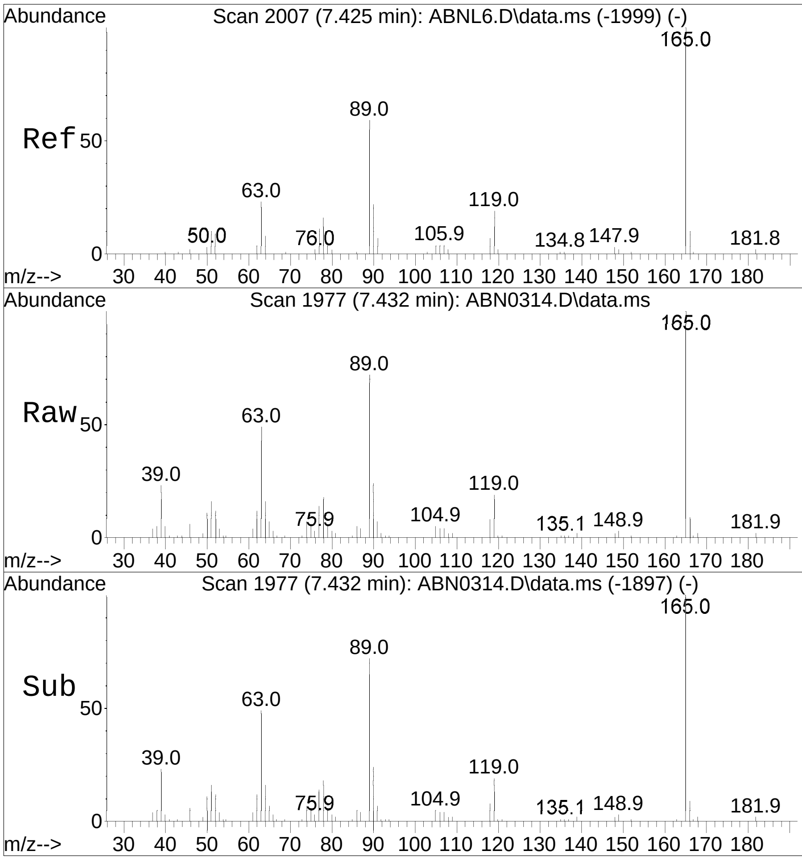


#69
Dibenzofuran
Concen: 4.30 ug/ml
RT: 7.413 min Scan# 1971
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:168 Resp: 125741

Ion	Ratio	Lower	Upper
168	100		
139	50.1	31.4	47.2#

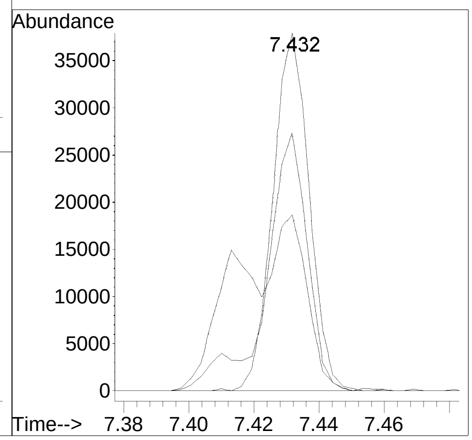


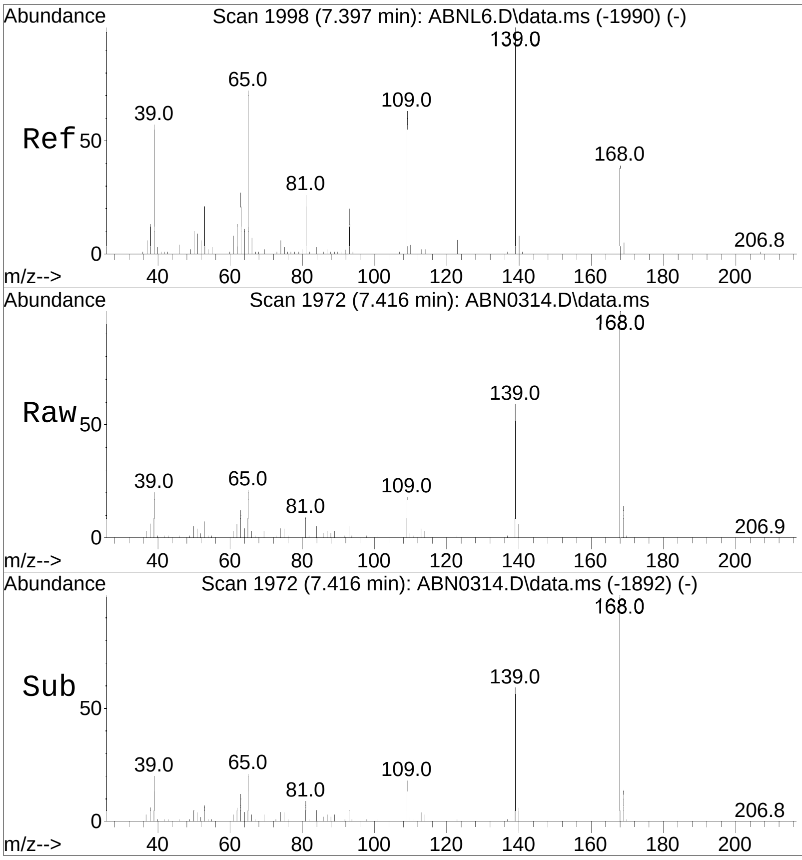


#70
2,4-Dinitrotoluene
Concen: 5.19 ug/ml
RT: 7.432 min Scan# 1977
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:165 Resp: 29302

Ion	Ratio	Lower	Upper
165	100		
89	72.1	72.0	108.0
63	46.6	52.7	79.1#

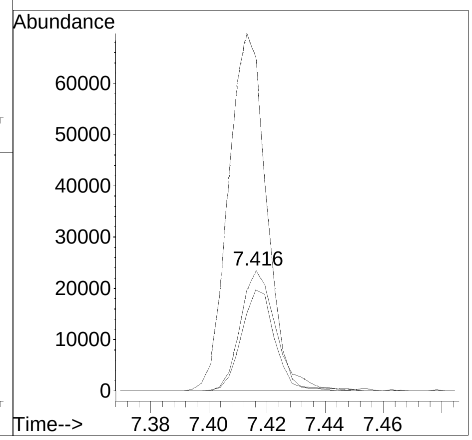


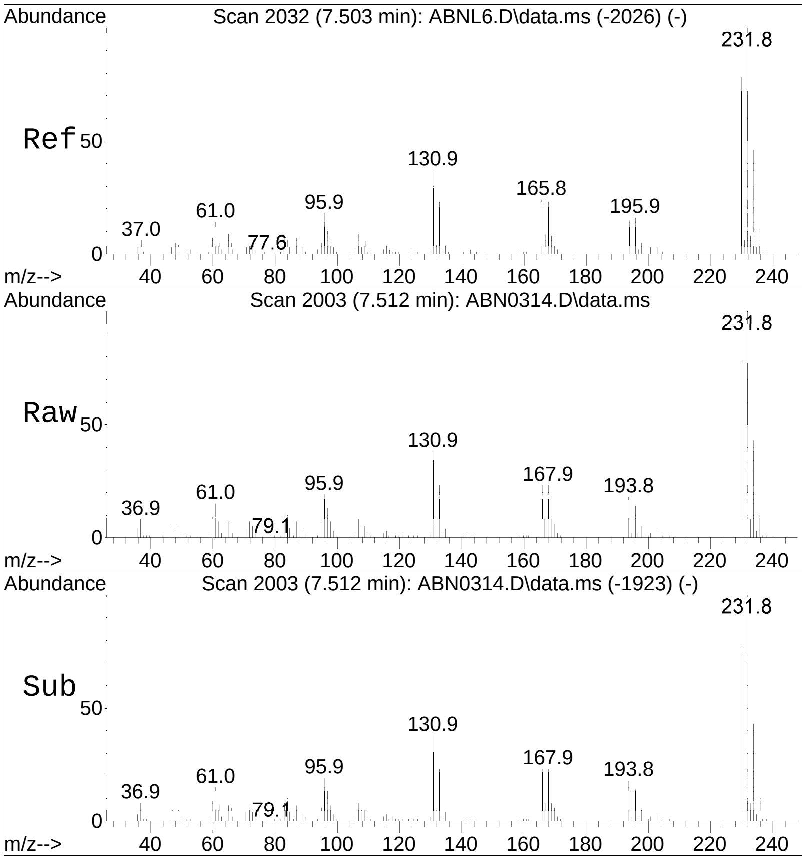


#71
4-Nitrophenol
Concen: 6.03 ug/ml
RT: 7.416 min Scan# 1972
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 65 Resp: 20241

Ion	Ratio	Lower	Upper
65	100		
109	77.0	47.4	71.2#
139	311.4	76.6	115.0#

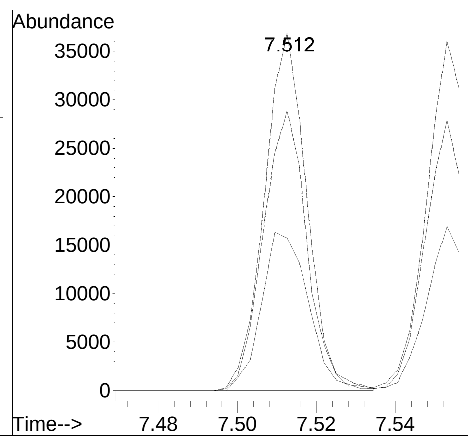


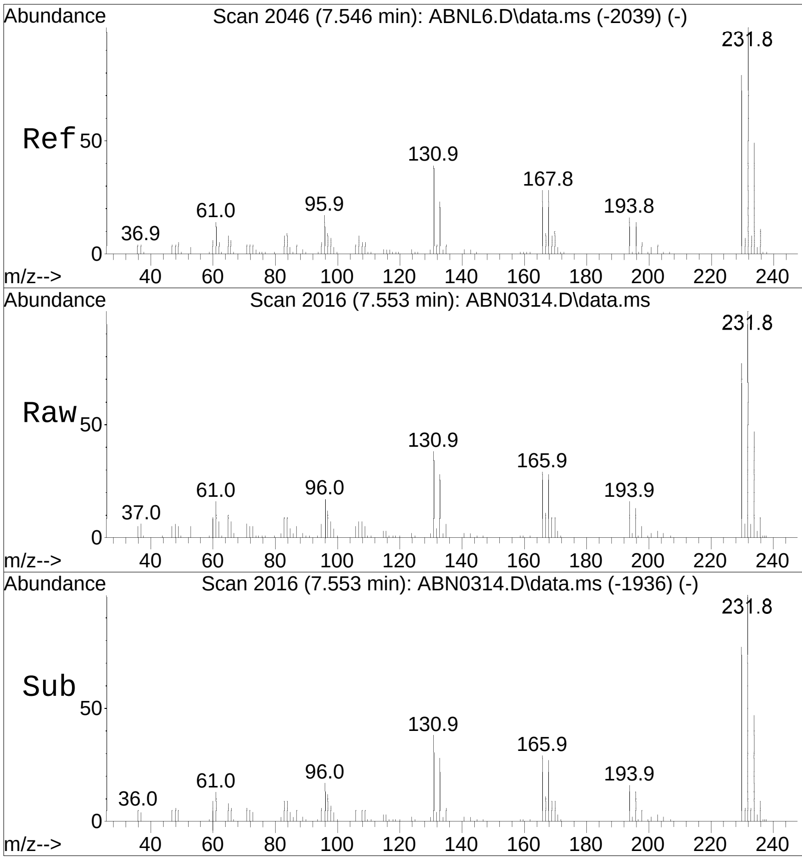


#72
2,3,5,6-Tetrachlorophenol
Concen: 4.32 ug/ml
RT: 7.512 min Scan# 2003
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:232 Resp: 27495

Ion	Ratio	Lower	Upper
232	100		
230	80.5	64.2	96.4
234	48.8	38.1	57.1

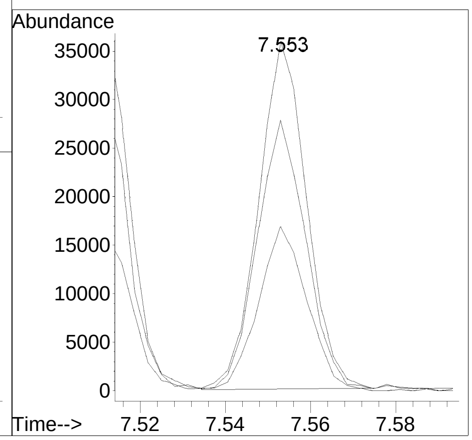


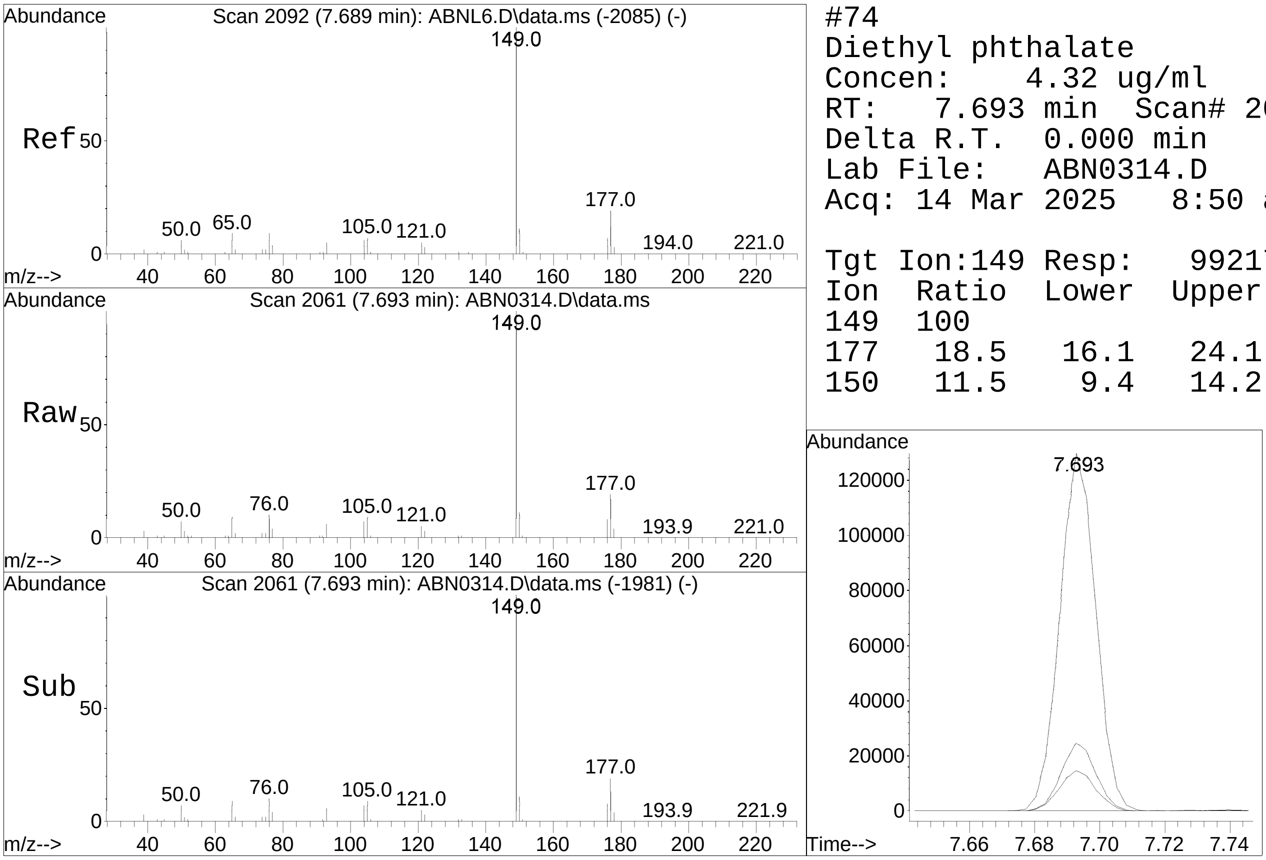


#73
2,3,4,6-Tetrachlorophenol
Concen: 4.50 ug/ml
RT: 7.553 min Scan# 2016
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:232 Resp: 28037

Ion	Ratio	Lower	Upper
232	100		
230	78.5	61.8	92.8
234	48.2	36.2	54.2

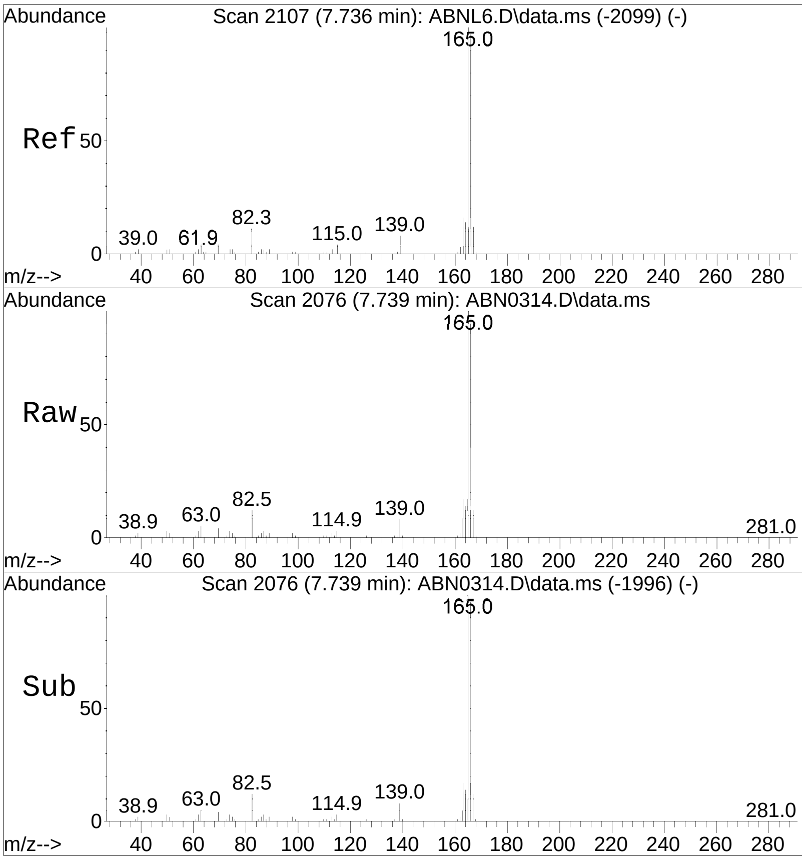




#74
Diethyl phthalate
Concen: 4.32 ug/ml
RT: 7.693 min Scan# 2061
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:149 Resp: 99217

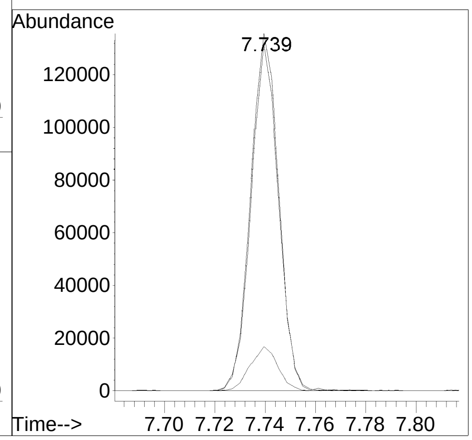
Ion	Ratio	Lower	Upper
149	100		
177	18.5	16.1	24.1
150	11.5	9.4	14.2

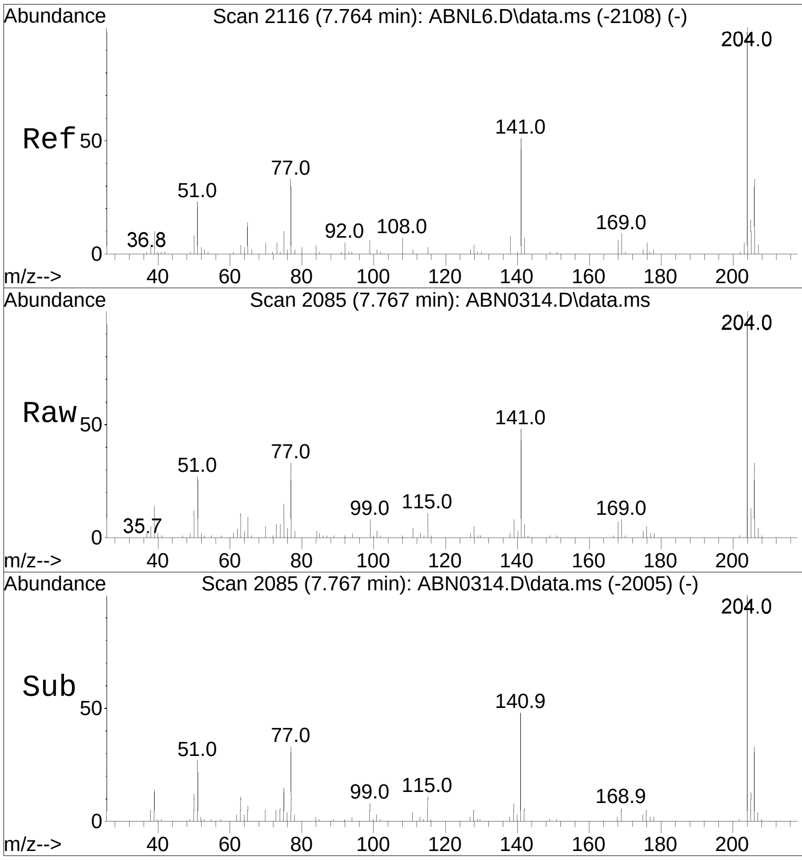


#75
Fluorene
Concen: 4.46 ug/ml
RT: 7.739 min Scan# 2076
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:166 Resp: 99829

Ion	Ratio	Lower	Upper
166	100		
165	105.1	76.2	114.2
167	12.9	10.6	15.8

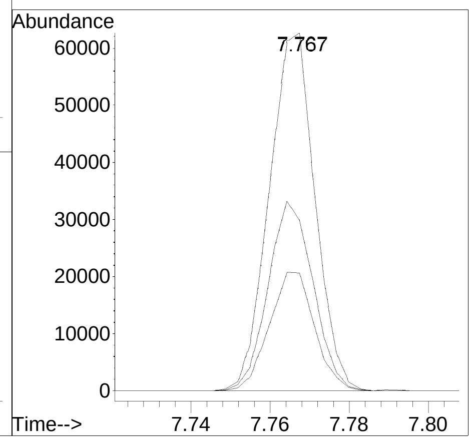


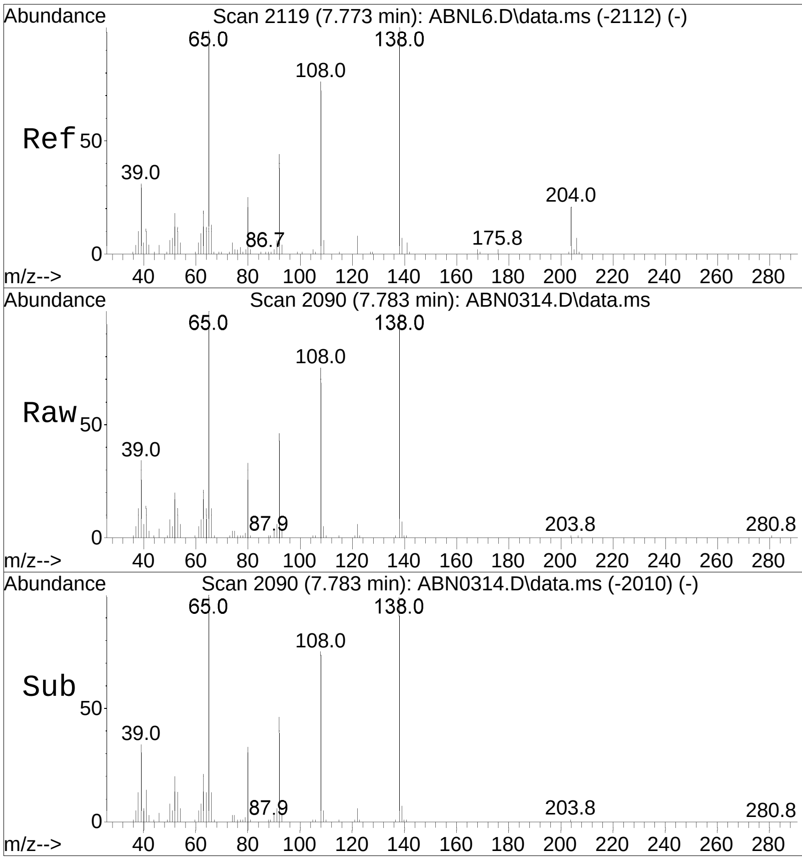


#76
4-Chlorophenyl phenyl ether
Concen: 4.34 ug/ml
RT: 7.767 min Scan# 2085
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:204 Resp: 50101

Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.6
141	52.2	53.6	80.4#

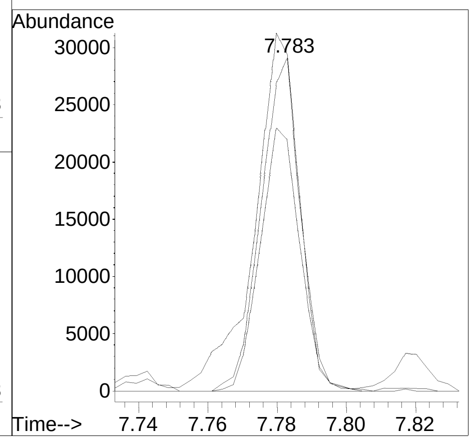


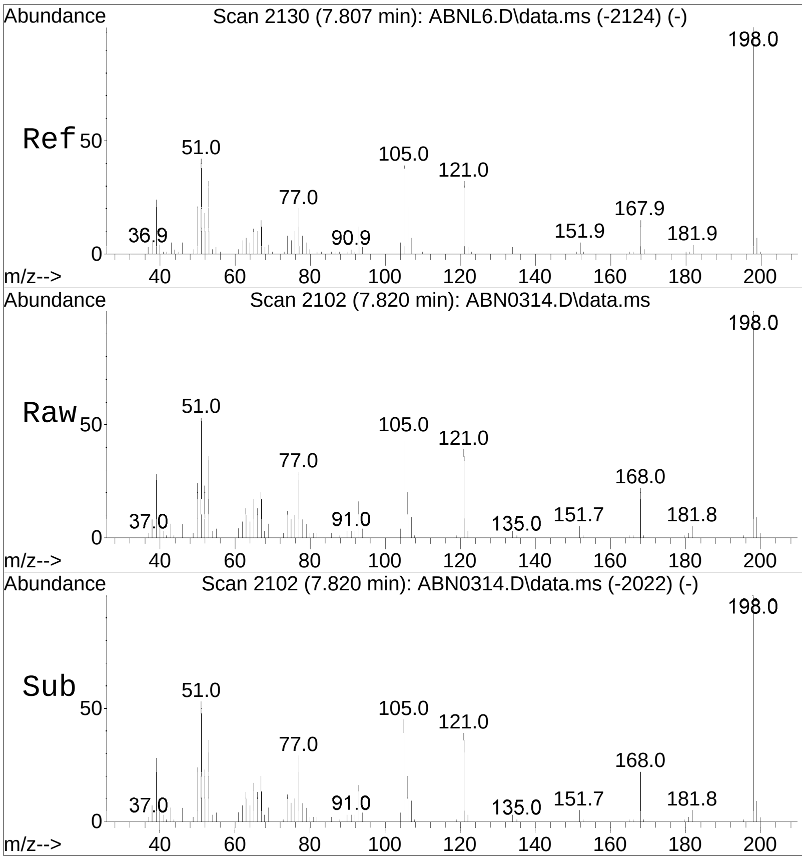


#77
4-Nitroaniline
Concen: 5.31 ug/ml
RT: 7.783 min Scan# 2090
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:138 Resp: 23130

Ion	Ratio	Lower	Upper
138	100		
108	79.7	52.1	78.1#
65	120.9	115.0	172.6

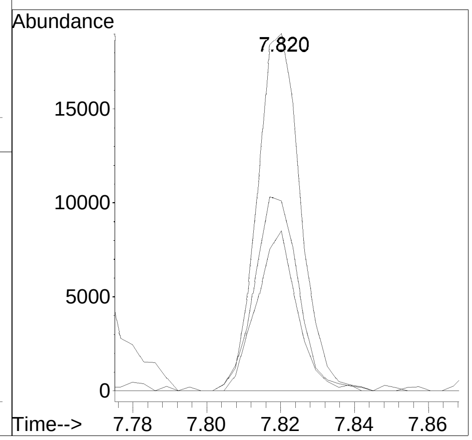


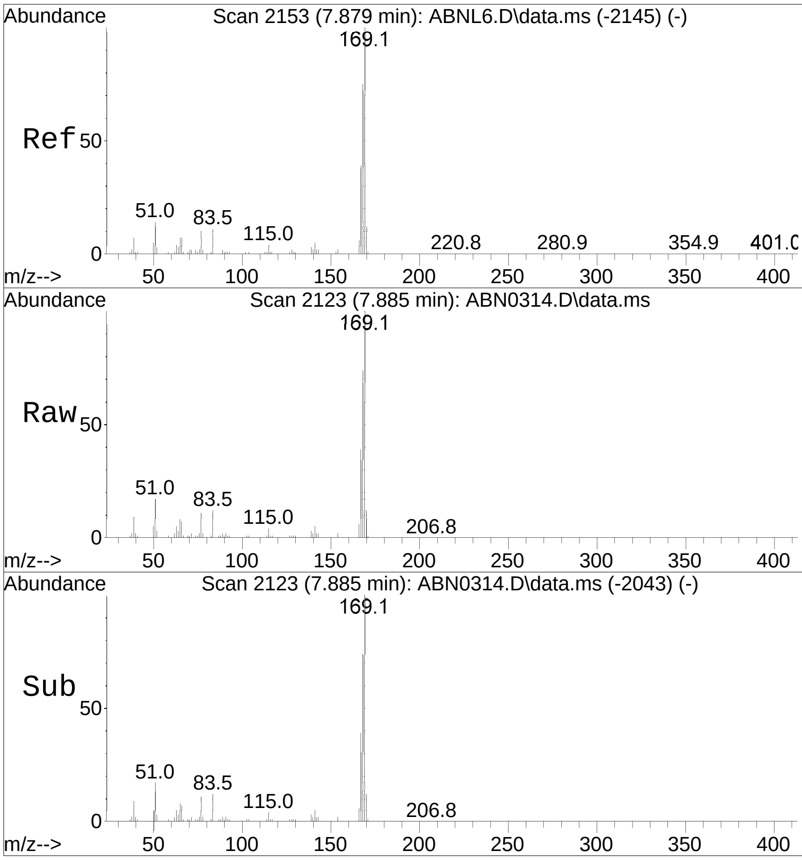


#78
4,6-Dinitro-o-cresol
Concen: 4.56 ug/ml
RT: 7.820 min Scan# 2102
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:198 Resp: 15559

Ion	Ratio	Lower	Upper
198	100		
51	55.4	76.0	114.0#
105	41.9	45.6	68.4#

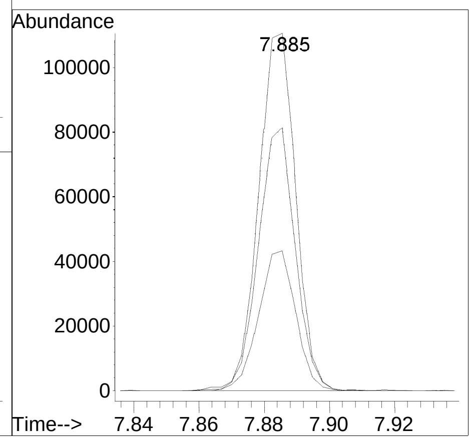


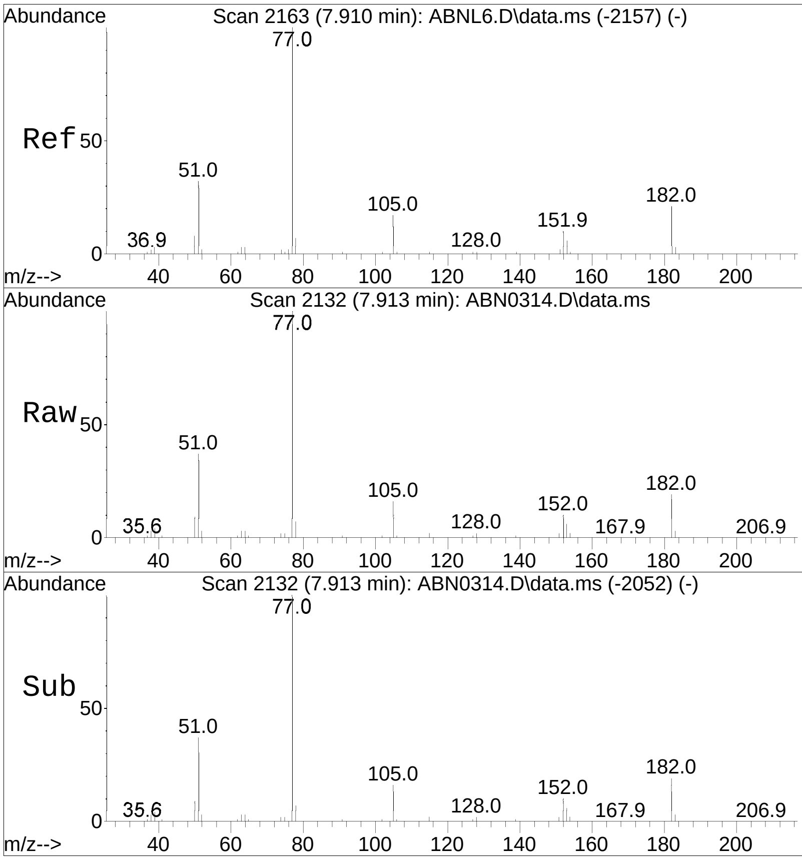


#79
NDPA/DPA
Concen: 4.47 ug/ml
RT: 7.885 min Scan# 2123
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:169 Resp: 87144

Ion	Ratio	Lower	Upper
169	100		
168	74.1	54.0	81.0
167	39.7	28.6	42.8

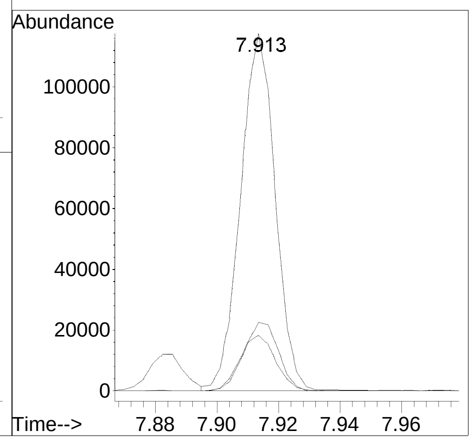


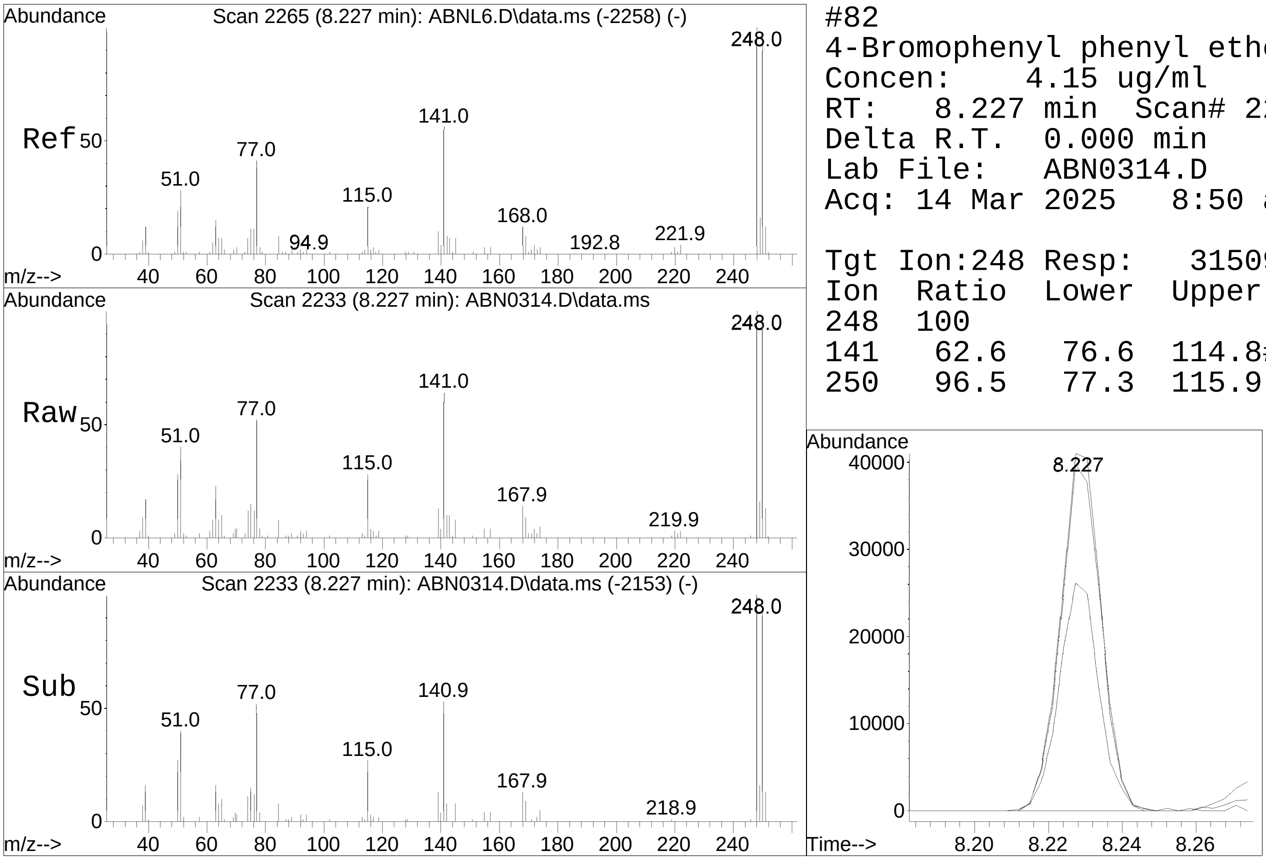


#80
Azobenzene
Concen: 4.89 ug/ml
RT: 7.913 min Scan# 2132
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion: 77 Resp: 91269

Ion	Ratio	Lower	Upper
77	100		
182	19.8	17.4	26.2
105	15.8	15.4	23.2

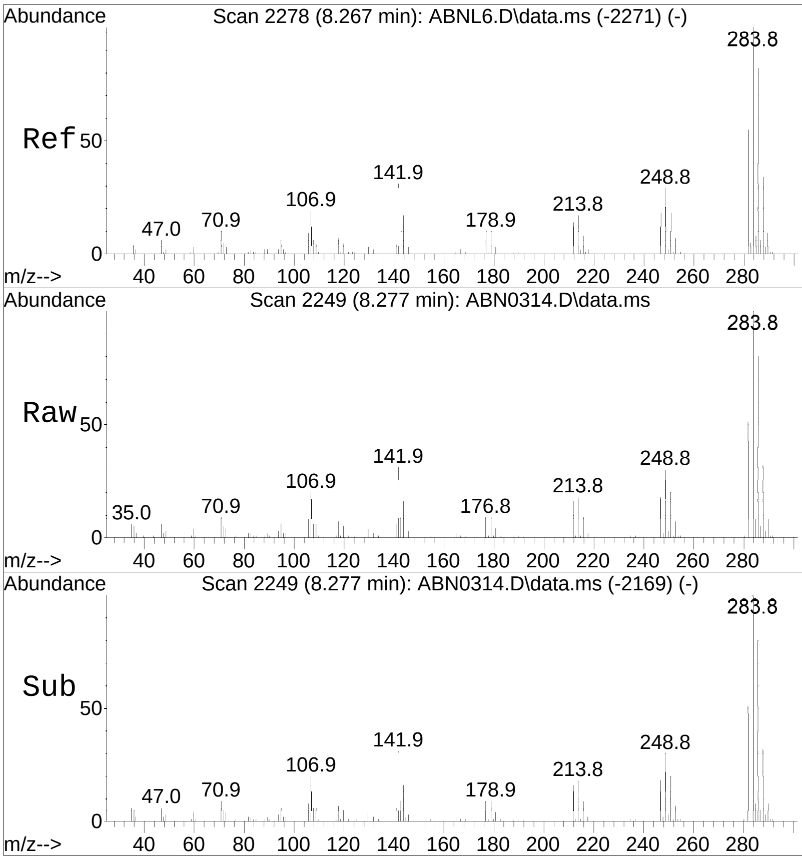




#82
4-Bromophenyl phenyl ether
Concen: 4.15 ug/ml
RT: 8.227 min Scan# 2233
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:248 Resp: 31509

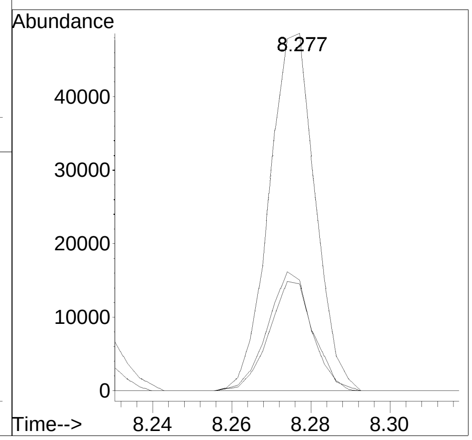
Ion	Ratio	Lower	Upper
248	100		
141	62.6	76.6	114.8#
250	96.5	77.3	115.9

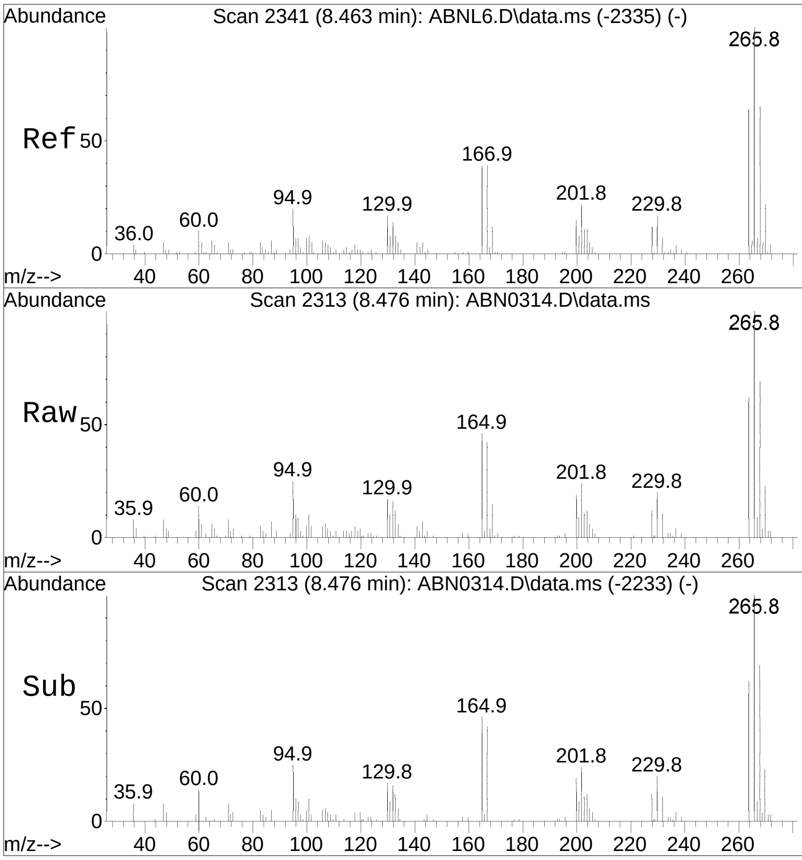


#83
Hexachlorobenzene
Concen: 4.10 ug/ml
RT: 8.277 min Scan# 2249
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:284 Resp: 39236

Ion	Ratio	Lower	Upper
284	100		
142	31.7	41.9	62.9#
249	29.9	24.1	36.1

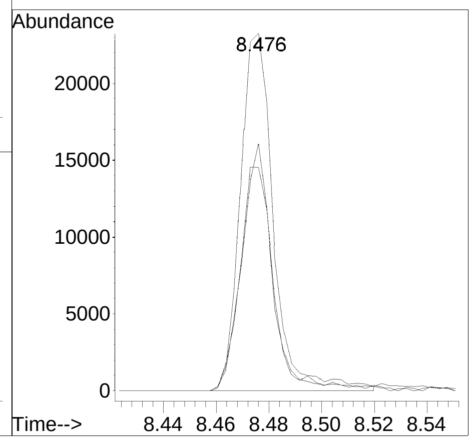


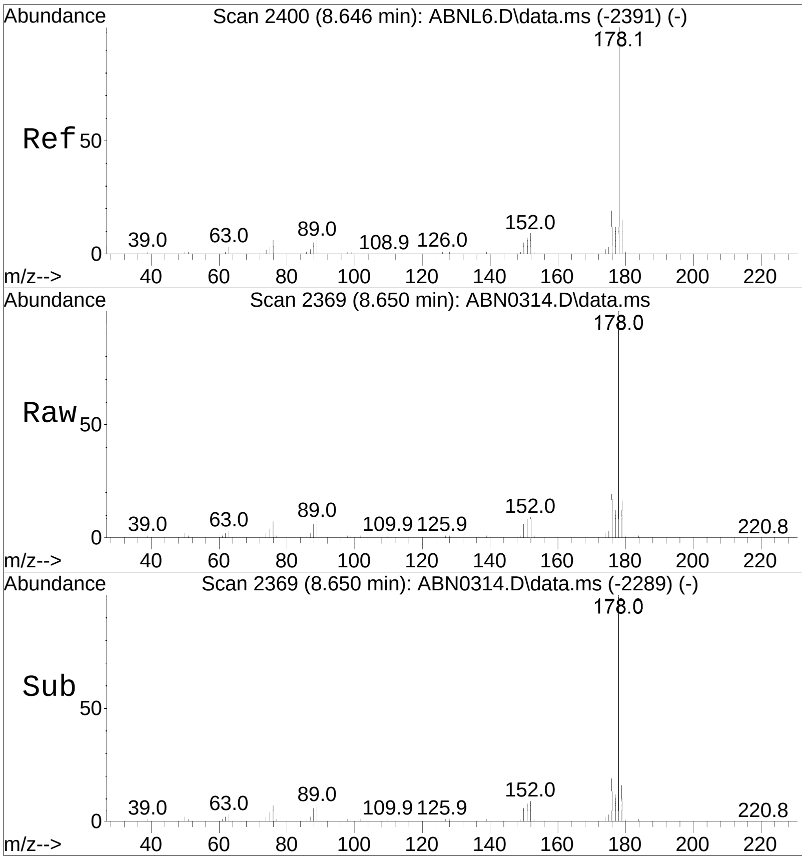


#84
Pentachlorophenol
Concen: 3.93 ug/ml
RT: 8.476 min Scan# 2313
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:266 Resp: 20363

Ion	Ratio	Lower	Upper
266	100		
264	64.3	49.7	74.5
268	62.0	50.5	75.7

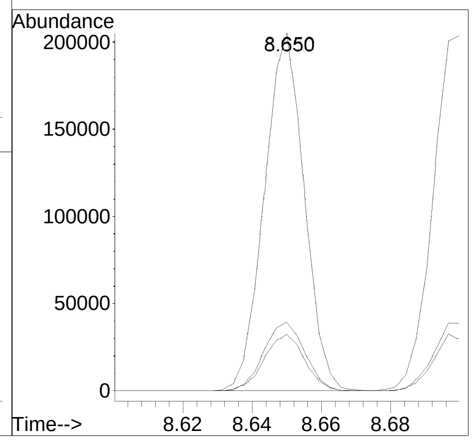


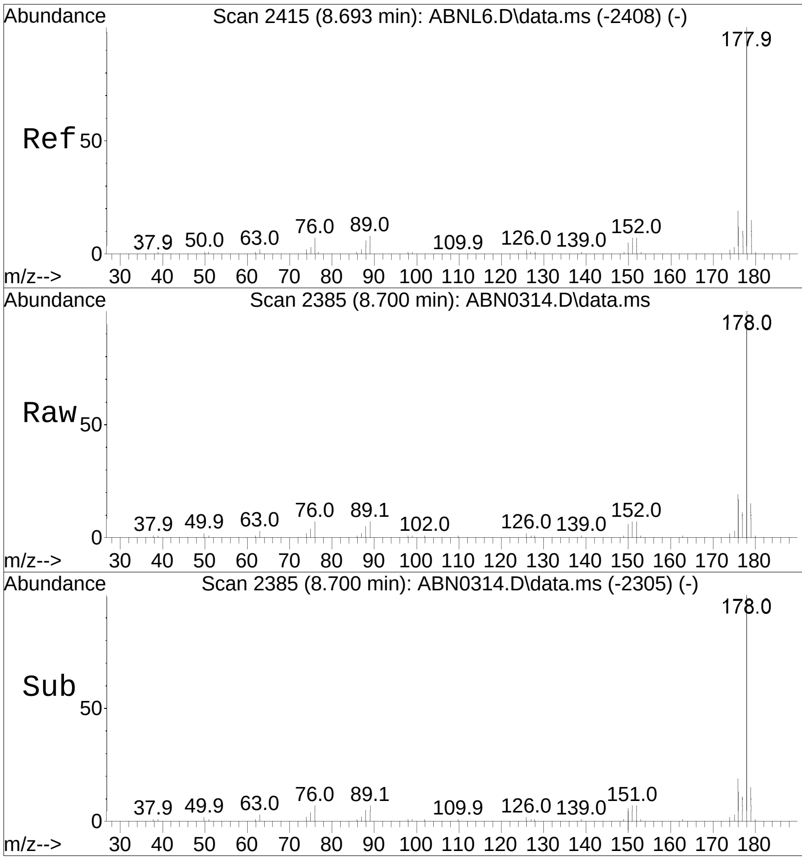


#91
Phenanthrene
Concen: 4.32 ug/ml
RT: 8.650 min Scan# 2369
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:178 Resp: 163989

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	19.7	15.4	23.2

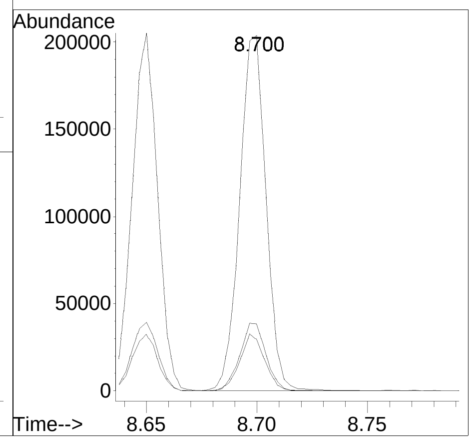


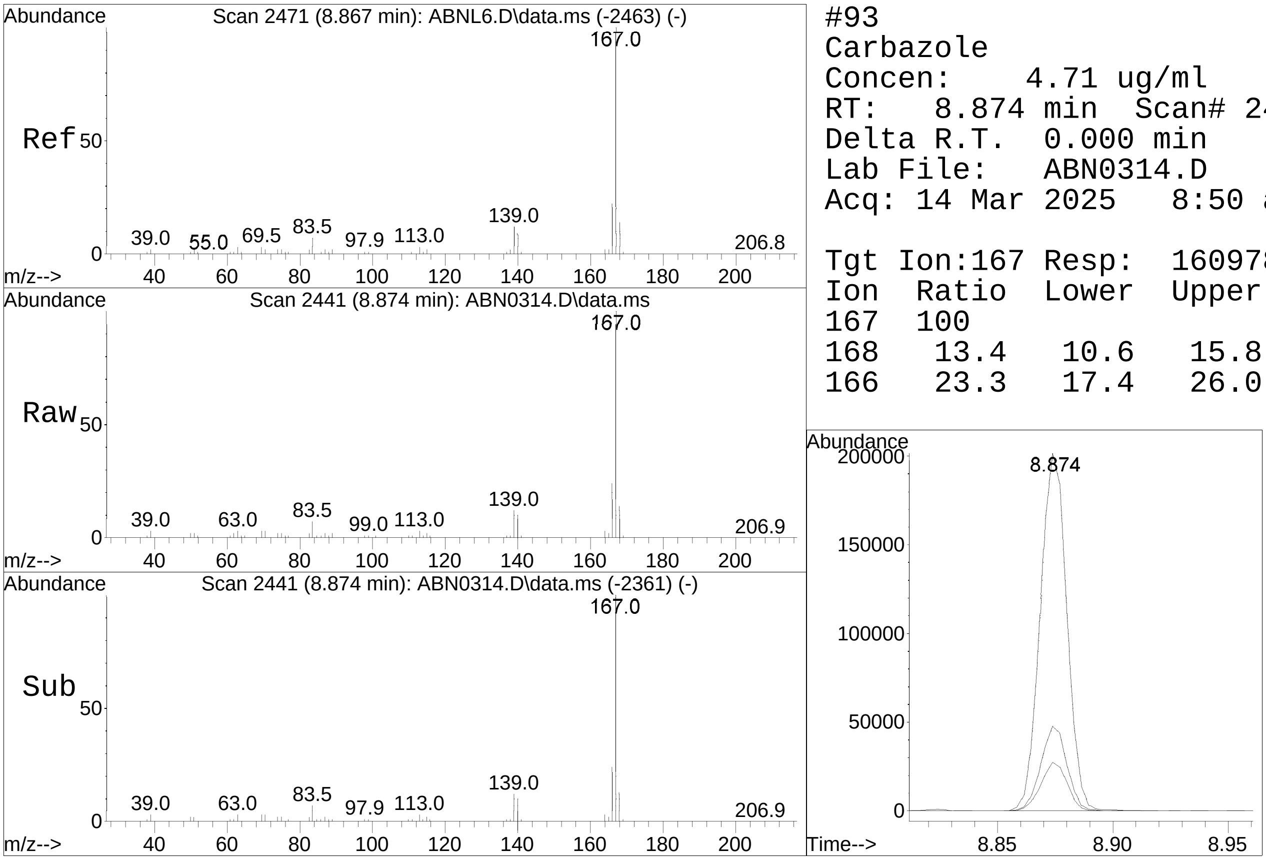


#92
Anthracene
Concen: 4.52 ug/ml
RT: 8.700 min Scan# 2385
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:178 Resp: 168244

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	19.0	14.6	22.0

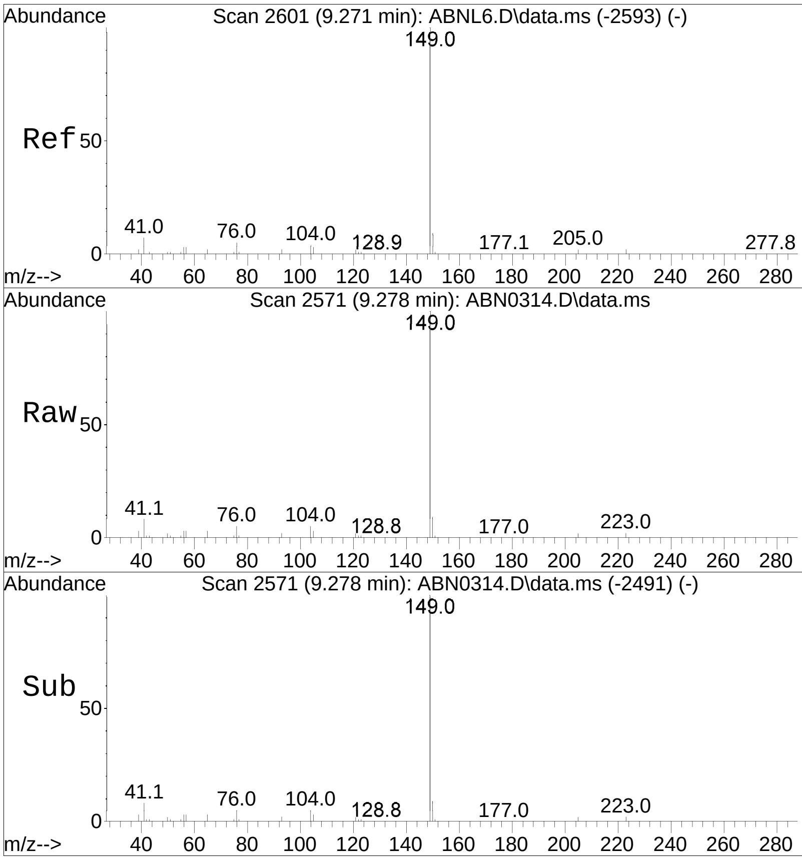




#93
Carbazole
Concen: 4.71 ug/ml
RT: 8.874 min Scan# 2441
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:167 Resp: 160978

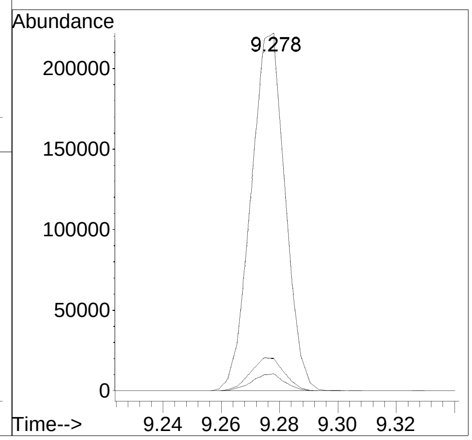
Ion	Ratio	Lower	Upper
167	100		
168	13.4	10.6	15.8
166	23.3	17.4	26.0

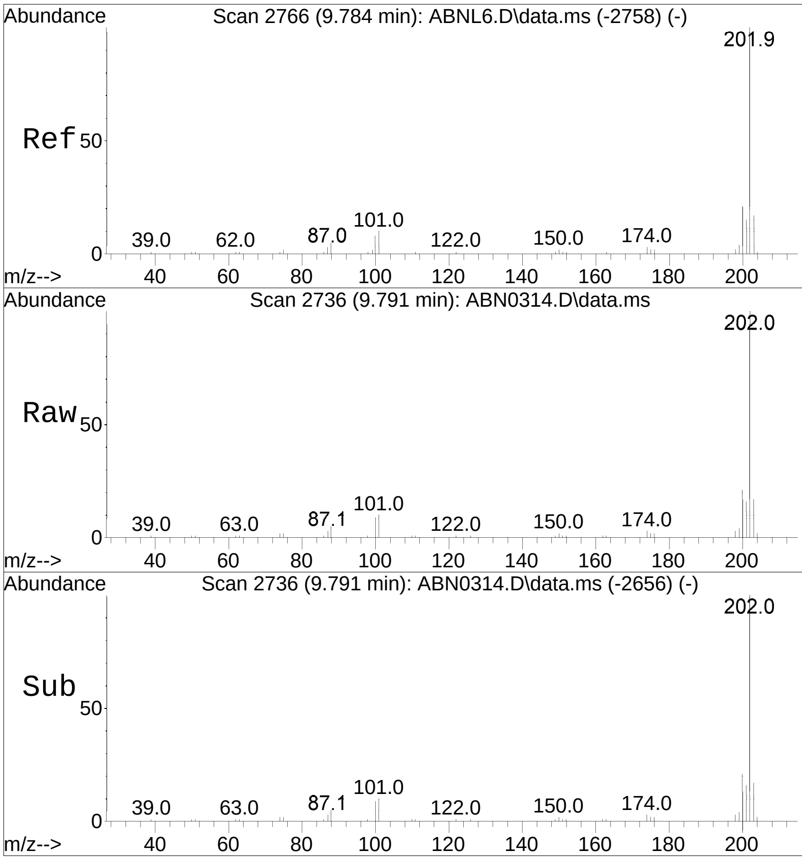


#94
Di-n-butylphthalate
Concen: 4.62 ug/ml
RT: 9.278 min Scan# 2571
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:149 Resp: 178943

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	4.6	4.5	6.7

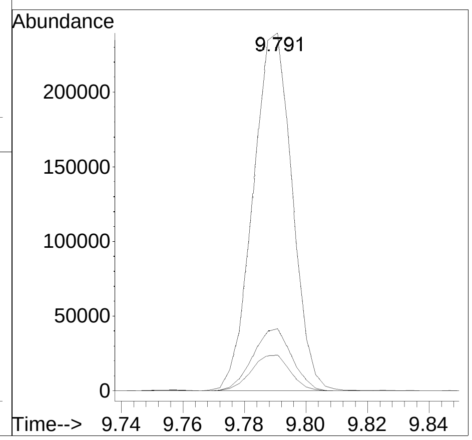


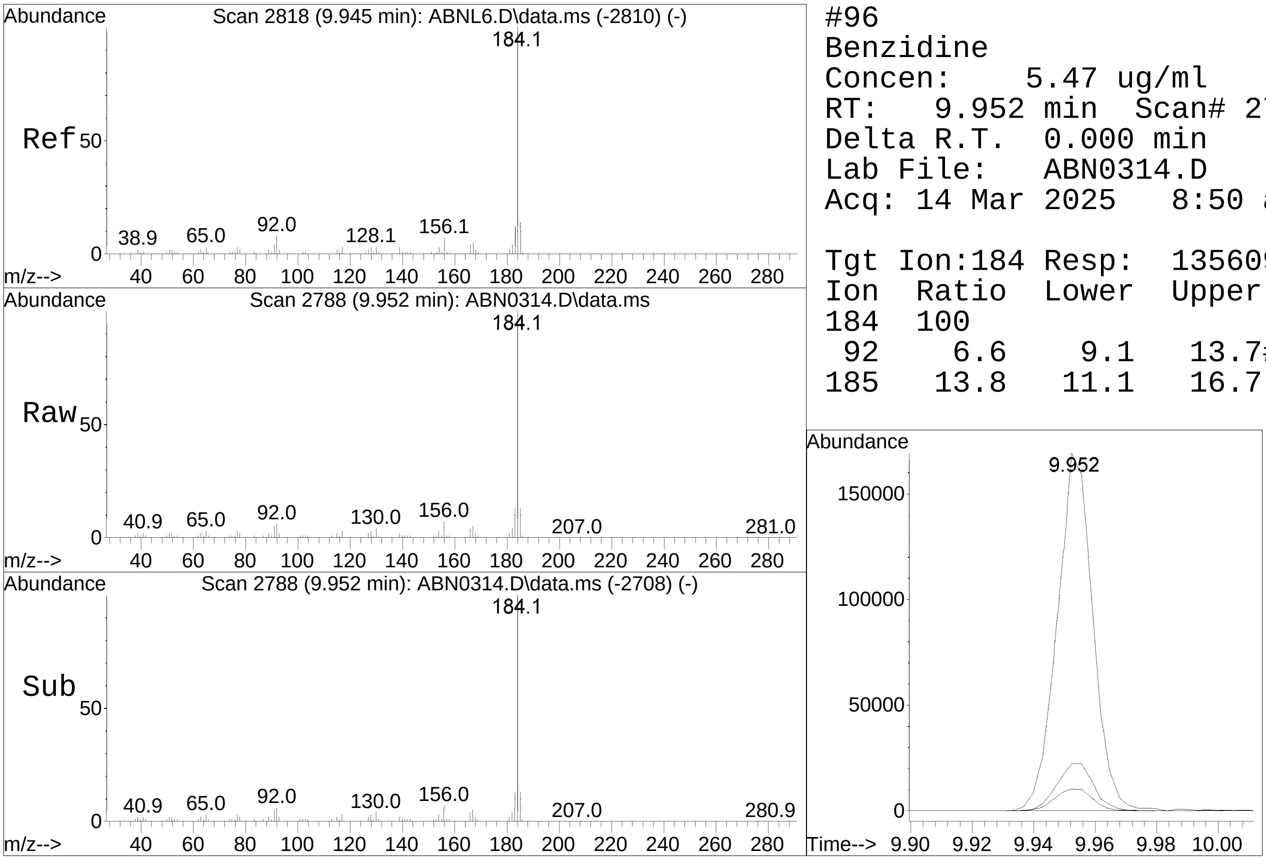


#95
Fluoranthene
Concen: 4.61 ug/ml
RT: 9.791 min Scan# 2736
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:202 Resp: 210765

Ion	Ratio	Lower	Upper
202	100		
101	10.0	13.5	20.3#
203	17.3	13.6	20.4

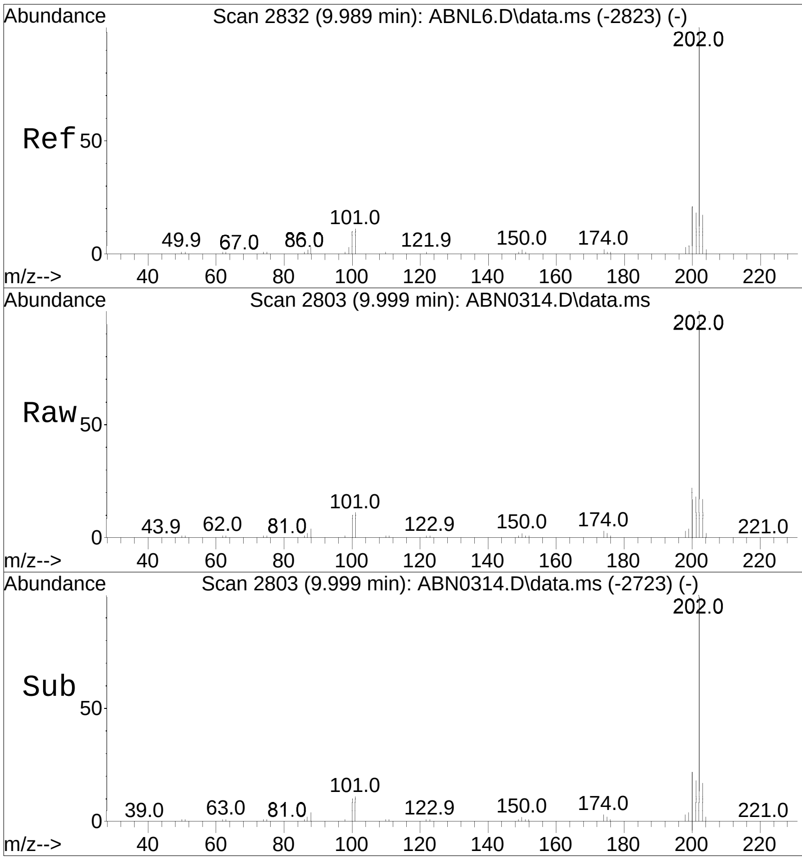




#96
Benzidine
Concen: 5.47 ug/ml
RT: 9.952 min Scan# 2788
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

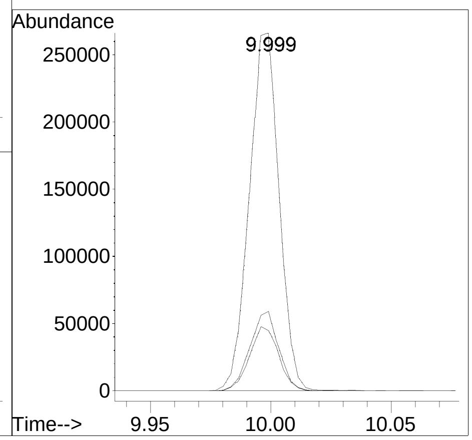
Tgt Ion:184 Resp: 135609

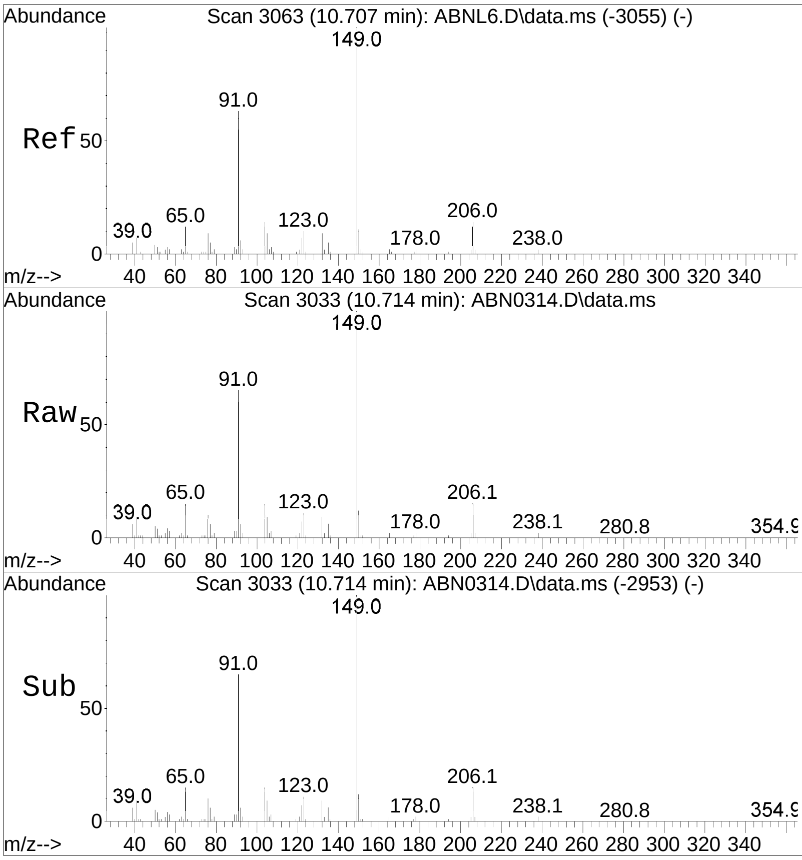
Ion	Ratio	Lower	Upper
184	100		
92	6.6	9.1	13.7#
185	13.8	11.1	16.7




```
#97
Pyrene
Concen:    4.67 ug/ml
RT:   9.999 min  Scan# 2803
Delta R.T.  0.000 min
Lab File:   ABN0314.D
Acq: 14 Mar 2025   8:50 am

Tgt Ion:202 Resp:  228071
Ion  Ratio  Lower  Upper
202  100
200   21.5   16.7   25.1
203   17.5   14.2   21.4
```

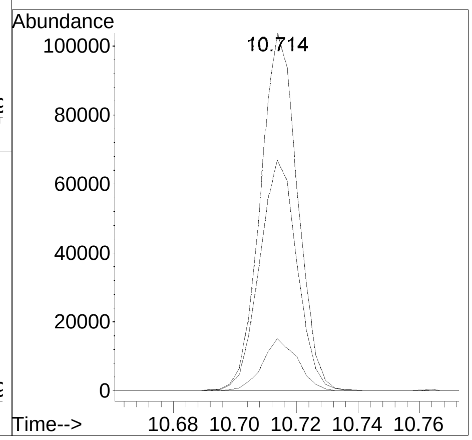


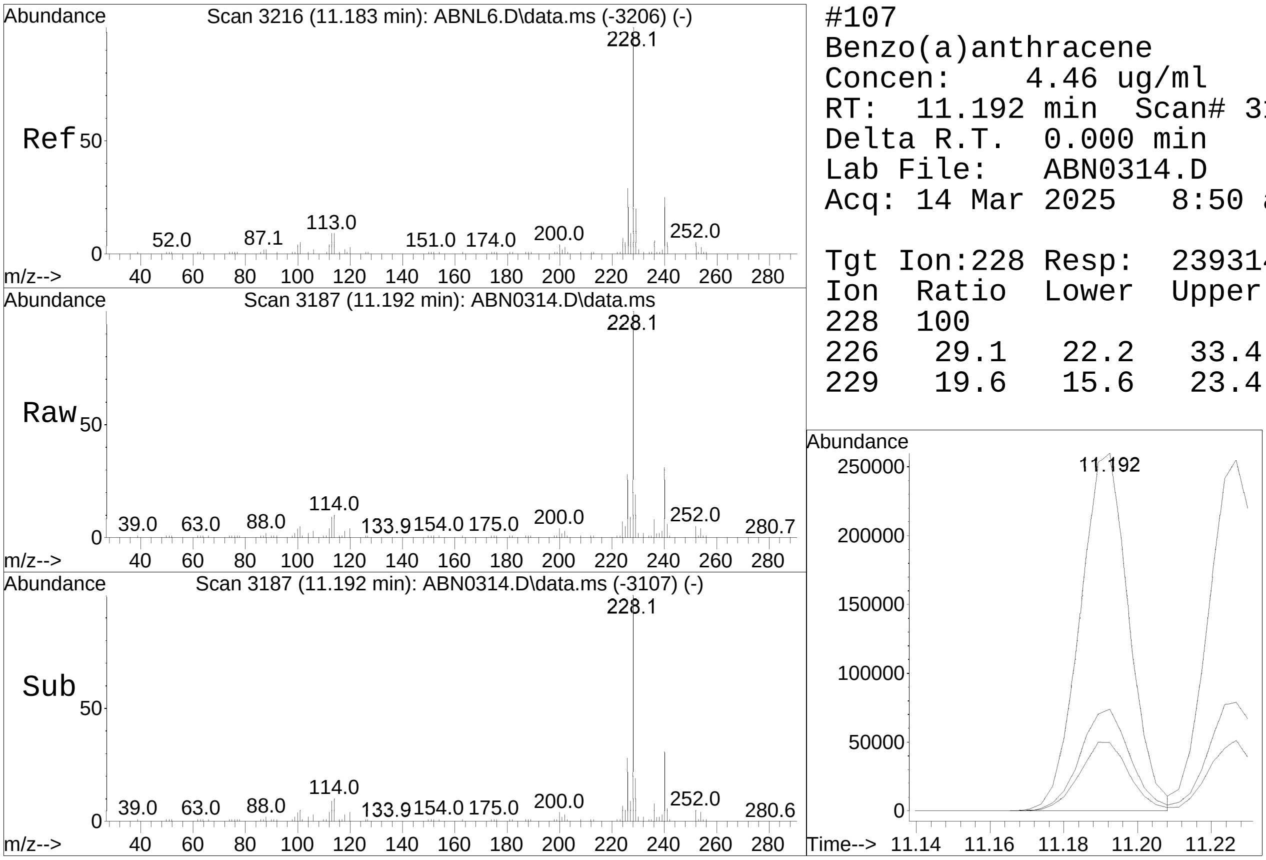


#99
Butyl benzyl phthalate
Concen: 5.22 ug/ml
RT: 10.714 min Scan# 3033
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:149 Resp: 86649

Ion	Ratio	Lower	Upper
149	100		
91	65.5	63.3	94.9
206	14.0	13.9	20.9

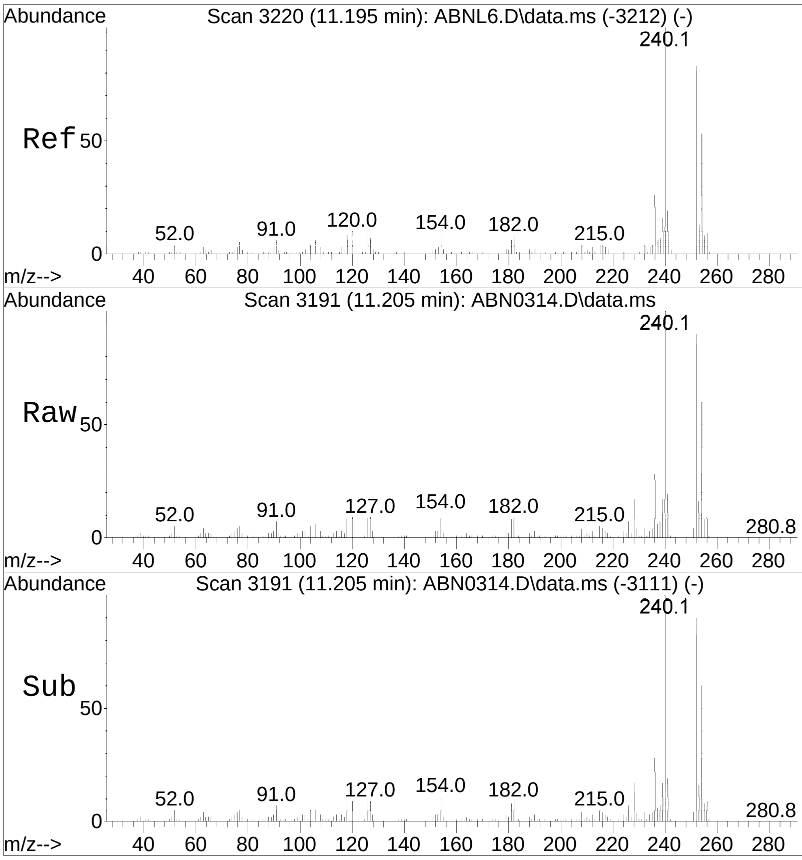




#107
Benzo(a)anthracene
Concen: 4.46 ug/ml
RT: 11.192 min Scan# 3187
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:228 Resp: 239314

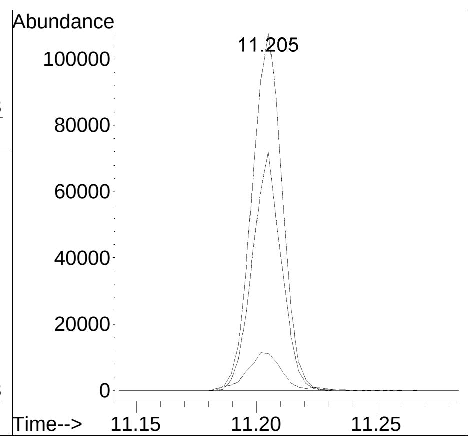
Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.4
229	19.6	15.6	23.4

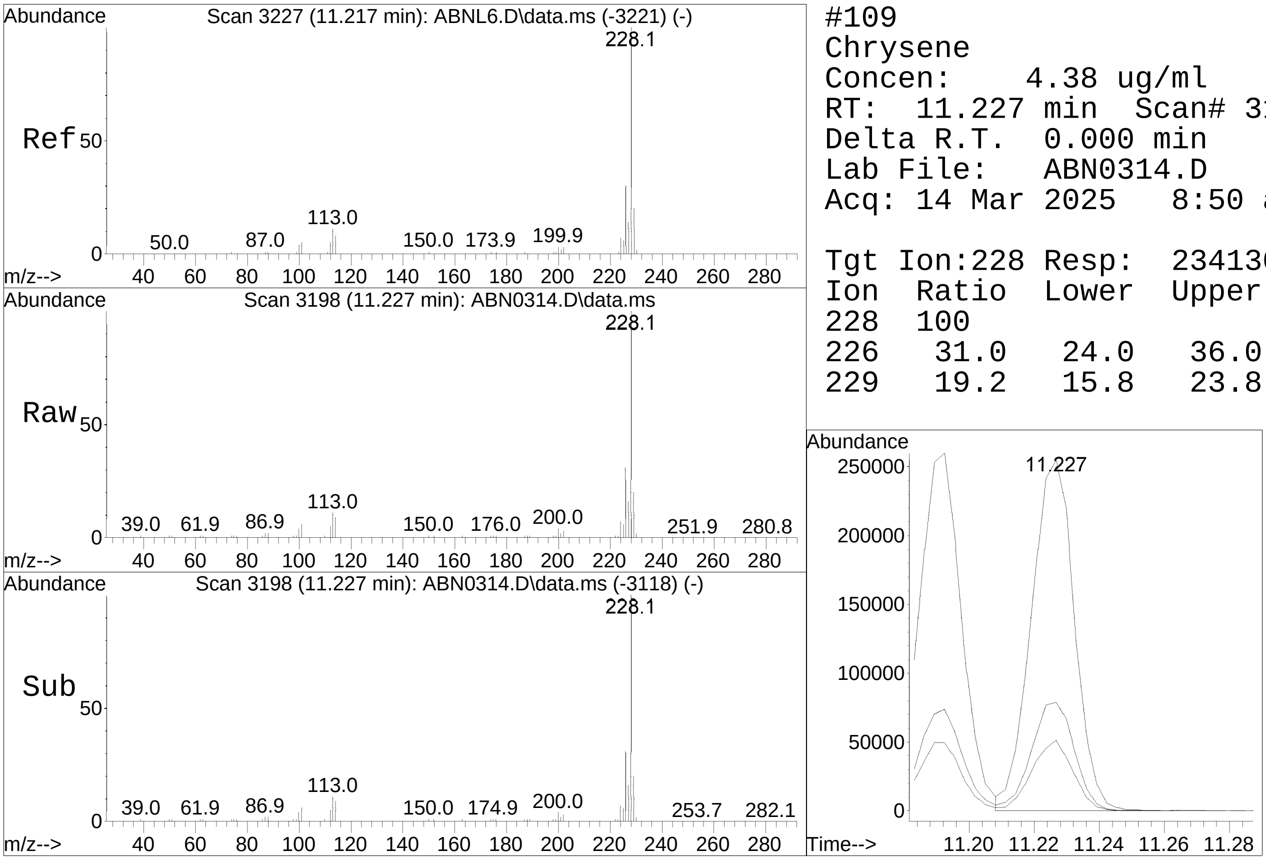


#108
3,3'-Dichlorobenzidine
Concen: 4.74 ug/ml
RT: 11.205 min Scan# 3191
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:252 Resp: 94756

Ion	Ratio	Lower	Upper
252	100		
126	12.6	14.5	21.7#
254	63.8	51.2	76.8

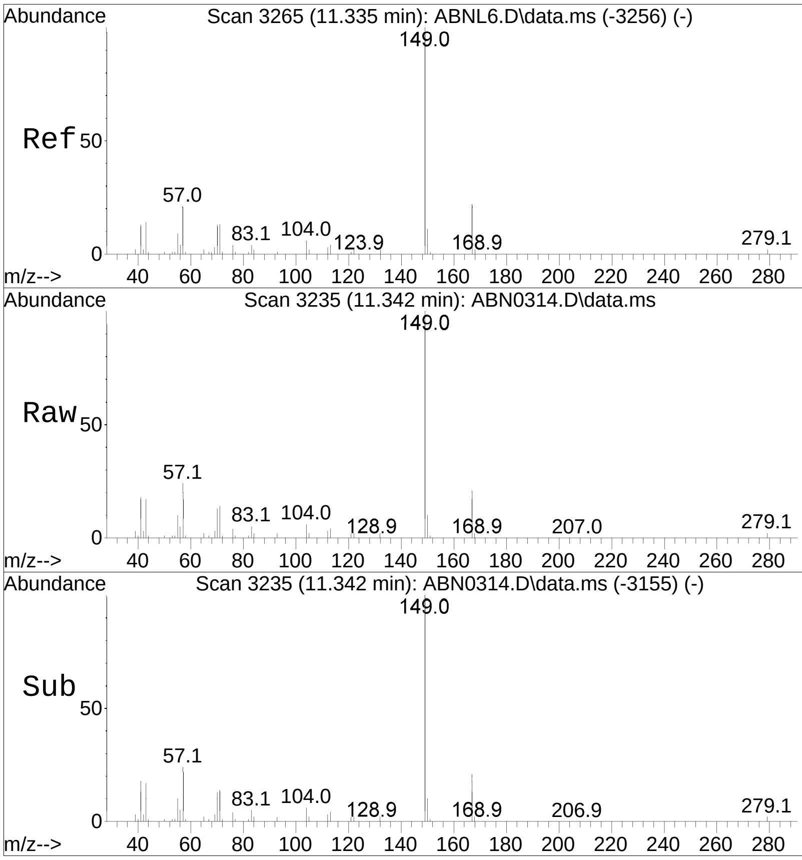




#109
Chrysene
Concen: 4.38 ug/ml
RT: 11.227 min Scan# 3198
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025   8:50 am

Tgt Ion:228 Resp: 234130

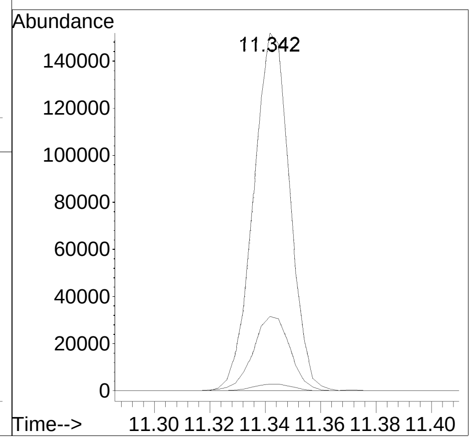
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	19.2	15.8	23.8

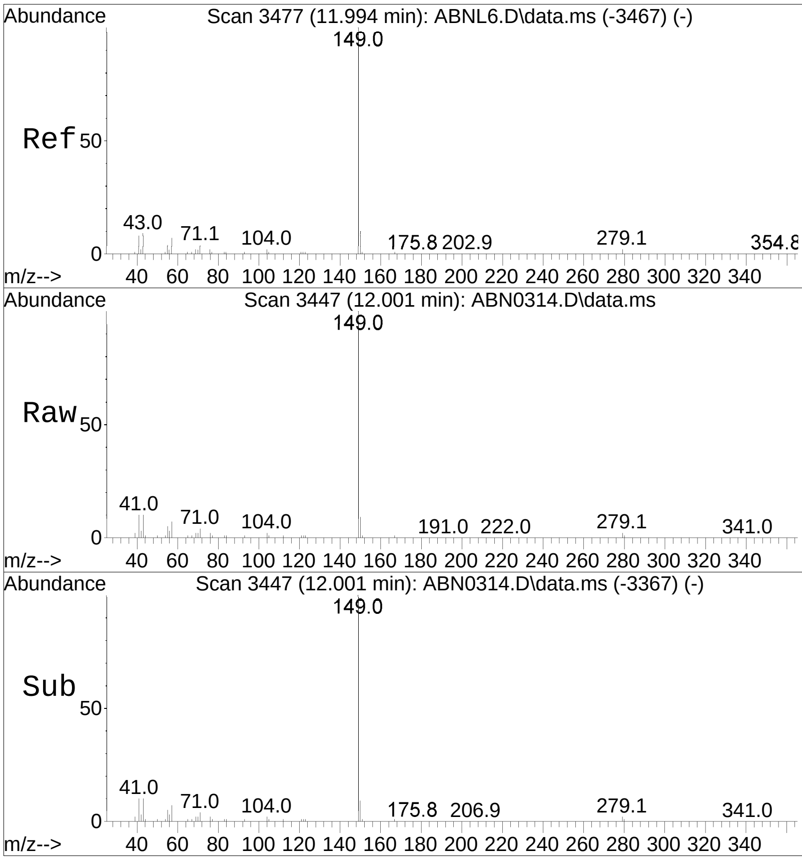


#110
Bis(2-ethylhexyl)phthalate
Concen: 4.79 ug/ml
RT: 11.342 min Scan# 3235
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:149 Resp: 137799

Ion	Ratio	Lower	Upper
149	100		
167	21.3	22.1	33.1#
279	1.9	3.0	4.4#

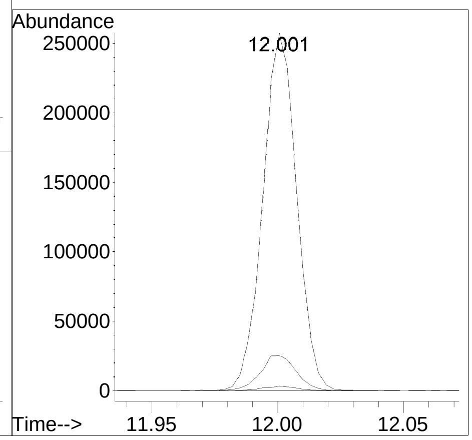


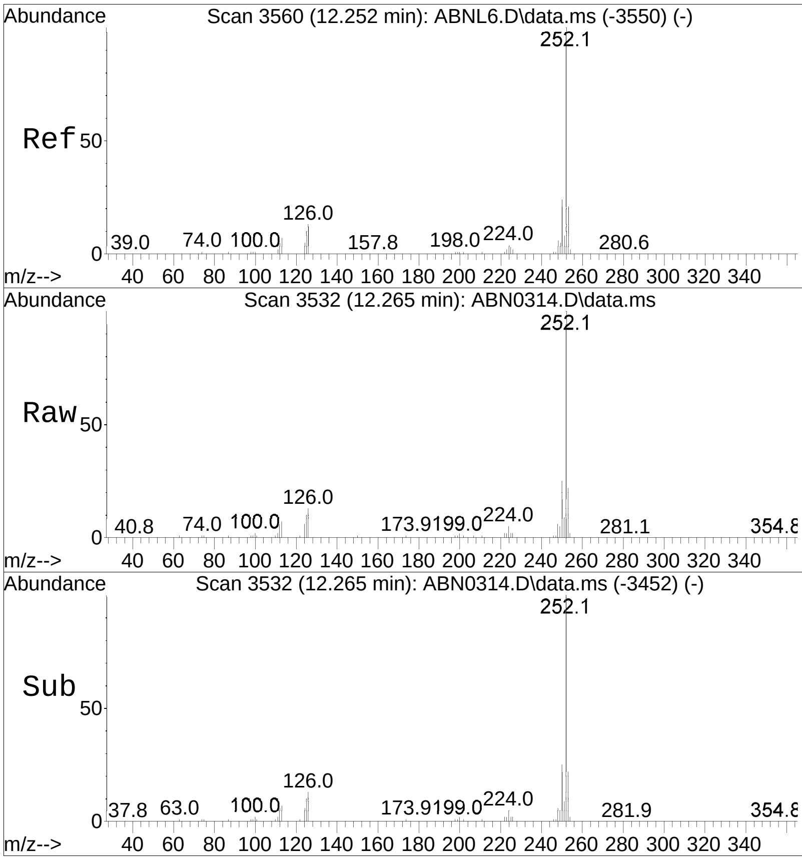


#111
Di-n-octylphthalate
Concen: 4.99 ug/ml
RT: 12.001 min Scan# 3447
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:149 Resp: 239477

Ion	Ratio	Lower	Upper
149	100		
43	10.5	18.8	28.2#
167	1.2	1.3	1.9#

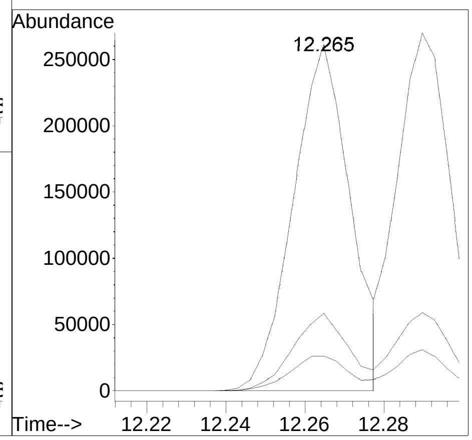


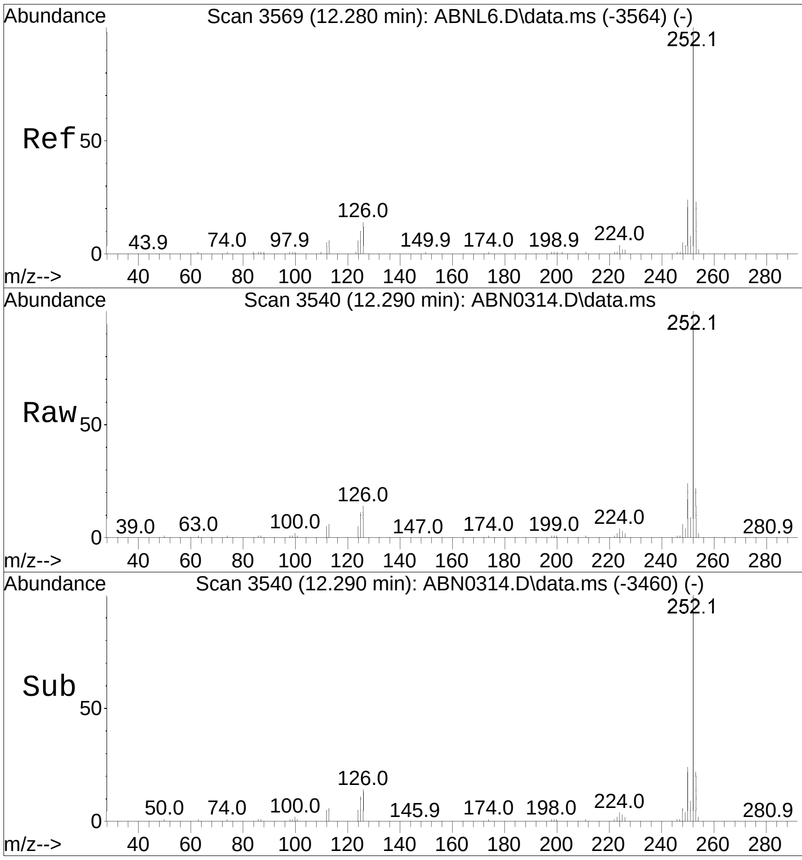


#112
Benzo(b)fluoranthene
Concen: 4.65 ug/ml
RT: 12.265 min Scan# 3532
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:252 Resp: 261522

Ion	Ratio	Lower	Upper
252	100		
125	10.0	13.3	19.9#
253	22.1	17.1	25.7

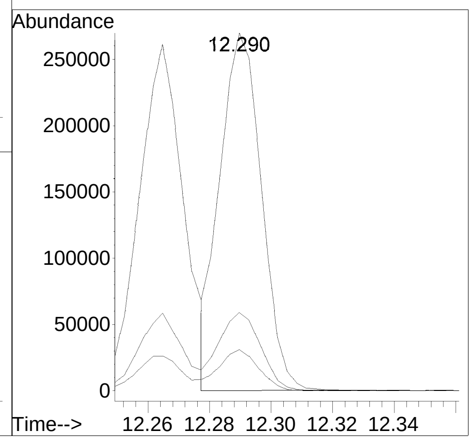


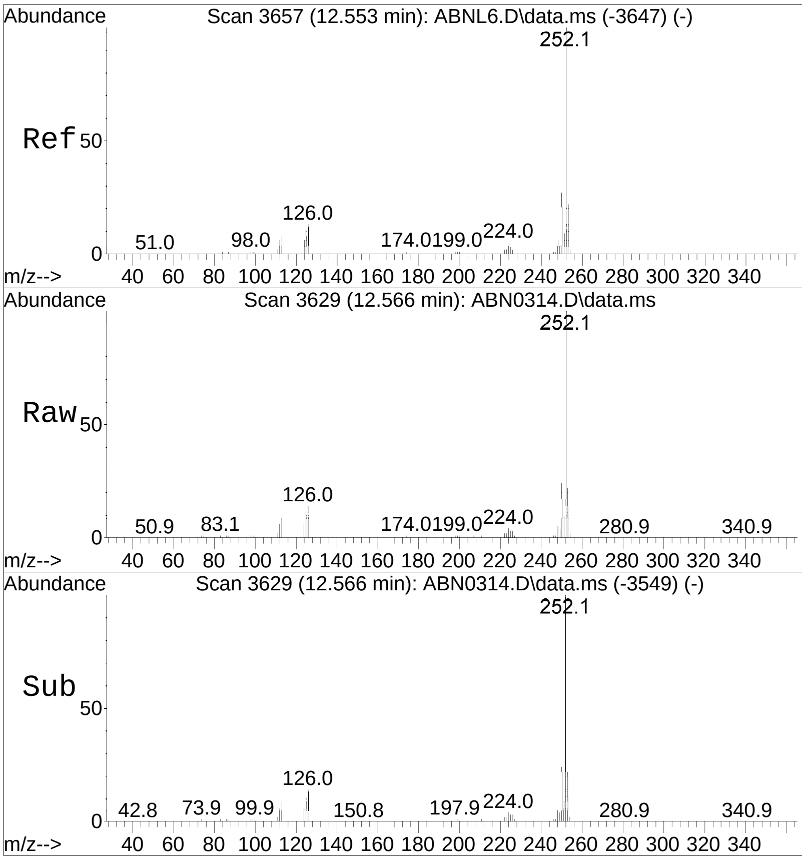


#113
Benzo(k)fluoranthene
Concen: 4.63 ug/ml
RT: 12.290 min Scan# 3540
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:252 Resp: 253636

Ion	Ratio	Lower	Upper
252	100		
125	11.5	13.0	19.6#
253	22.1	16.8	25.2

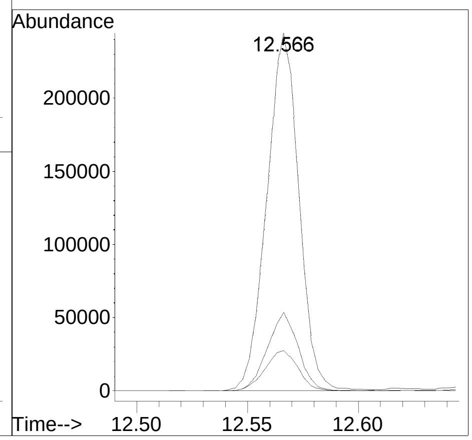


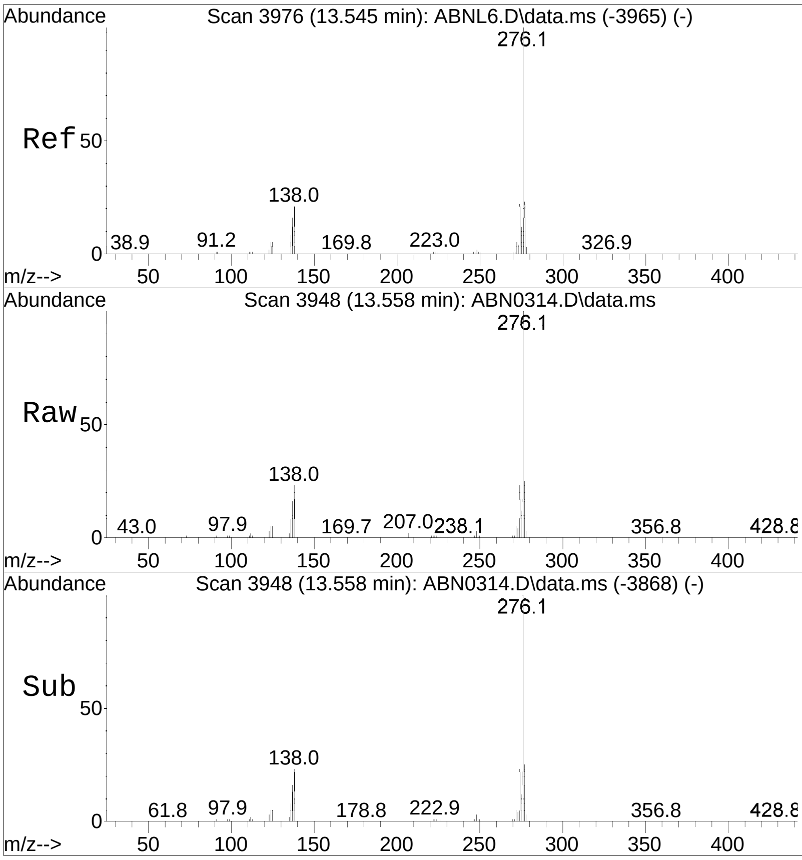


#114
Benzo(a)pyrene
Concen: 4.90 ug/ml
RT: 12.566 min Scan# 3629
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:252 Resp: 245553

Ion	Ratio	Lower	Upper
252	100		
125	11.7	14.2	21.2#
253	21.1	16.9	25.3

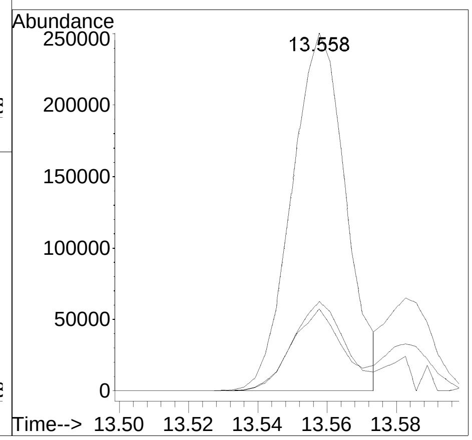


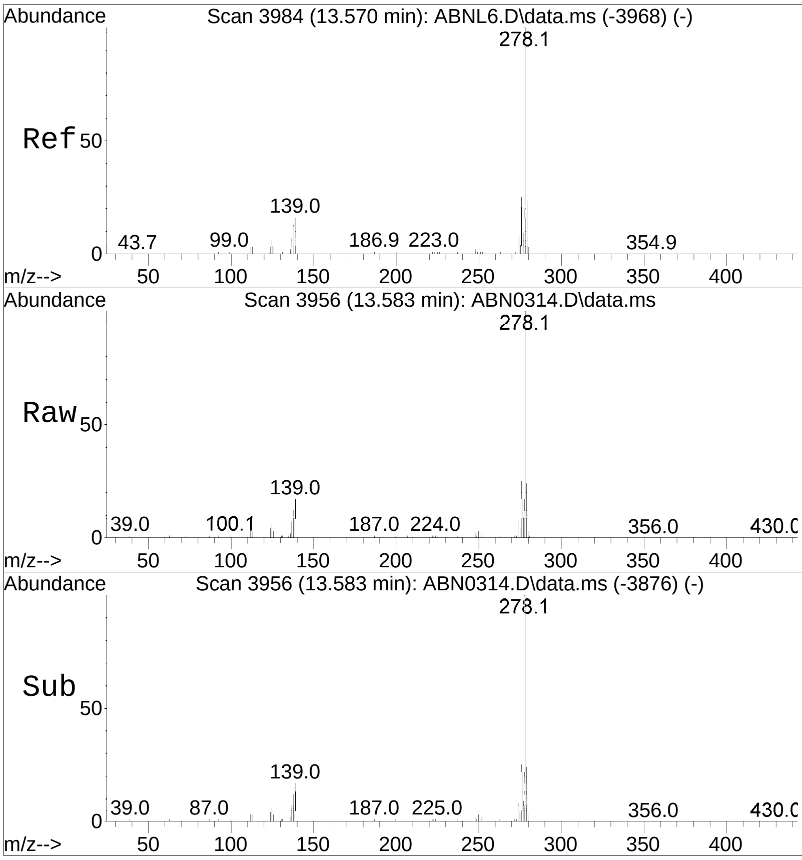


#116
Indeno(1,2,3-cd)pyrene
Concen: 4.65 ug/mL
RT: 13.558 min Scan# 3948
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:276 Resp: 270880

Ion	Ratio	Lower	Upper
276	100		
138	21.5	25.1	37.7#
277	24.4	18.6	28.0

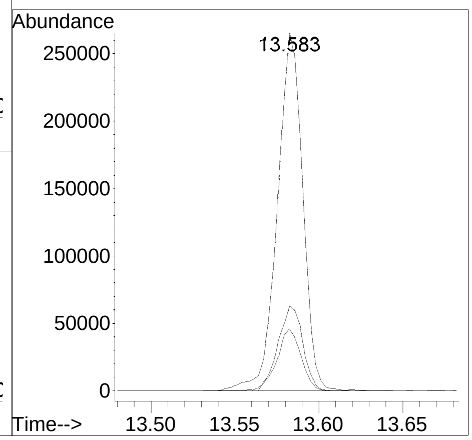


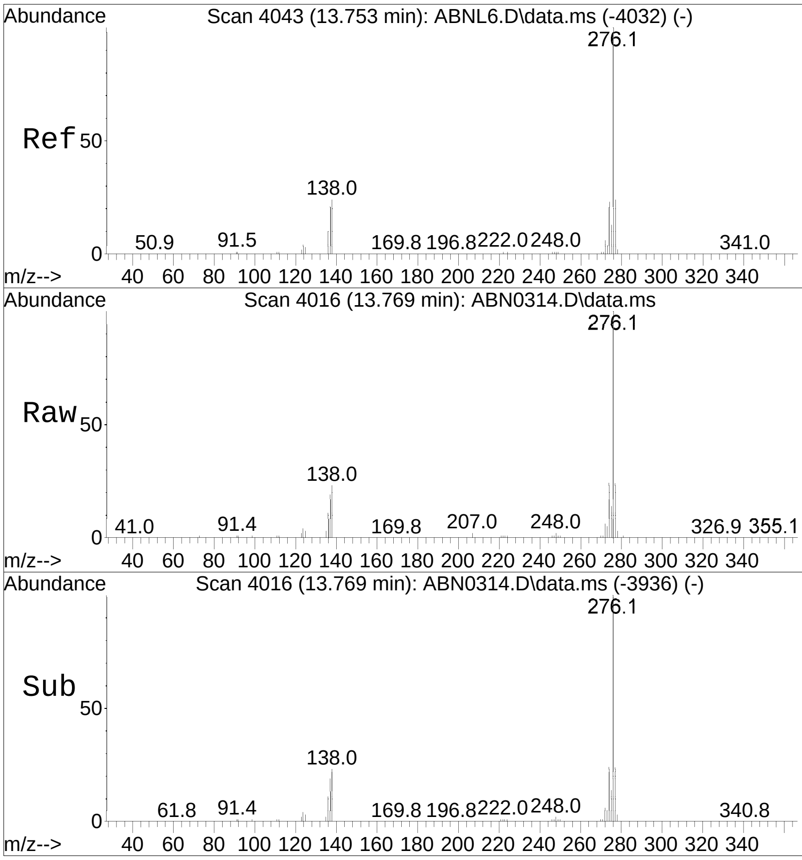


#117
Dibenzo(a,h)anthracene
Concen: 4.85 ug/ml
RT: 13.583 min Scan# 3956
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:278 Resp: 277864

Ion	Ratio	Lower	Upper
278	100		
139	16.3	20.8	31.2#
279	23.5	18.3	27.5

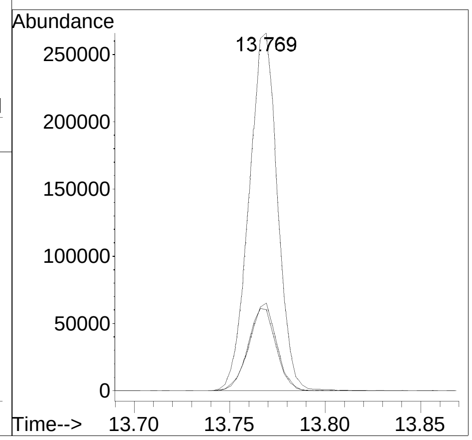




#118
Benzo(ghi)perylene
Concen: 4.89 ug/ml
RT: 13.769 min Scan# 4016
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 8:50 am

Tgt Ion:276 Resp: 275276

Ion	Ratio	Lower	Upper
276	100		
138	23.0	29.2	43.8#
277	23.6	18.8	28.2



Manual Integration Report

Data Path	: I:\8270\Dakota\250314RVT\	QMethod	: FS241105RVT_Dakota.m
Data File	: ABN0314.D	Operator	: Dakota:smz
Date Inj'd	: 3/14/2025 8:50 am	Instrument	: Dakota
Sample	: wg2040571-3,32,,ABN 11297	Quant Date	: 3/14/2025 9:25 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Dakota\250314RVT\
Data File : AP90314.D
Acq On : 14 Mar 2025 9:13 am
Operator : Dakota:smz
Sample : wg2040571-4,32,,AP9 11152 gmr0304C
Misc : wg2040571,,ical21680
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Mar 14 09:33:50 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 09:34:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
28	T	Benzaldehyde	0.703	0.773	-10.0	77	0.00
29	T	Acetophenone	1.403	1.652	-17.7	85	0.00
30	T	m-Toluidine	1.287	1.448	-12.5	83	0.00
31	T	2-Chloroaniline	1.368	1.573	-15.0	83	0.00
57	I	IS2_Naphthalene-d8	1.000	1.000	0.0	82	0.00
58	T	a-Terpineol	0.221	0.264	-19.5	92	0.00
59	T	3-Chloroaniline	0.115	0.135	-17.4	89	0.00
60	T	2,6-Dichlorophenol	0.296	0.355	-19.9	92	0.00
61	T	1-chloro-2-nitrobenzene	0.113	0.136	-20.4#	89	0.00
62	T	Caprolactam	0.123	0.149	-21.1#	96	0.00
63	T	1,2,4,5-Tetrachlorobenzene	0.413	0.427	-3.4	80	0.00
64	T	Biphenyl	0.842	0.927	-10.1	85	0.00
85	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	84	0.00
86	T	Dichloran	0.169	0.183	-8.3	93	0.00
87	T	Pentachloronitrobenzene	0.187	0.206	-10.2	96	0.00
100	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	87	0.00
101	T	Diphenamid	0.416	0.471	-13.2	95	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : AP90314.D
Acq On : 14 Mar 2025 9:13 am
Operator : Dakota:smz
Sample : wg2040571-4,32,,AP9 11152 gmr0304C
Misc : wg2040571,,ical21680
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Mar 14 09:33:50 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 09:34:40 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.280	152	21435	4.000 ug/ml	0.00
57) IS2_Naphthalene-d8	5.520	136	81068	4.000 ug/ml	0.00
85) IS2_Acenaphthene-d10	7.211	164	54251	4.000 ug/ml	0.00
100) IS2_Phenanthrene-d10	8.628	188	124506	4.000 ug/ml	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	3.845	105	20704	5.492 ug/ml	97
29) Acetophenone	4.693	105	44251	5.884 ug/ml#	82
30) m-Toluidine	4.780	106	38802	5.627 ug/ml	96
31) 2-Chloroaniline	5.135	127	42140	5.748 ug/ml#	93
58) a-Terpineol	5.588	59	26739	5.959 ug/ml#	83
59) 3-Chloroaniline	5.604	65	13722	5.908 ug/ml	98
60) 2,6-Dichlorophenol	5.629	162	36001	6.010 ug/ml#	83
61) 1-chloro-2-nitrobenzene	5.881	111	13766	5.987 ug/ml#	1
62) Caprolactam	5.921	55	15100	6.062 ug/ml#	74
63) 1,2,4,5-Tetrachloroben...	6.387	216	43290	5.172 ug/ml#	97
64) Biphenyl	6.679	154	93964	5.509 ug/ml	96
86) Dichloran	8.342	206	12385	5.405 ug/ml#	67
87) Pentachloronitrobenzene	8.485	237	13937	5.508 ug/ml#	80
101) Diphenamid	9.542	167	73238	5.657 ug/ml#	76

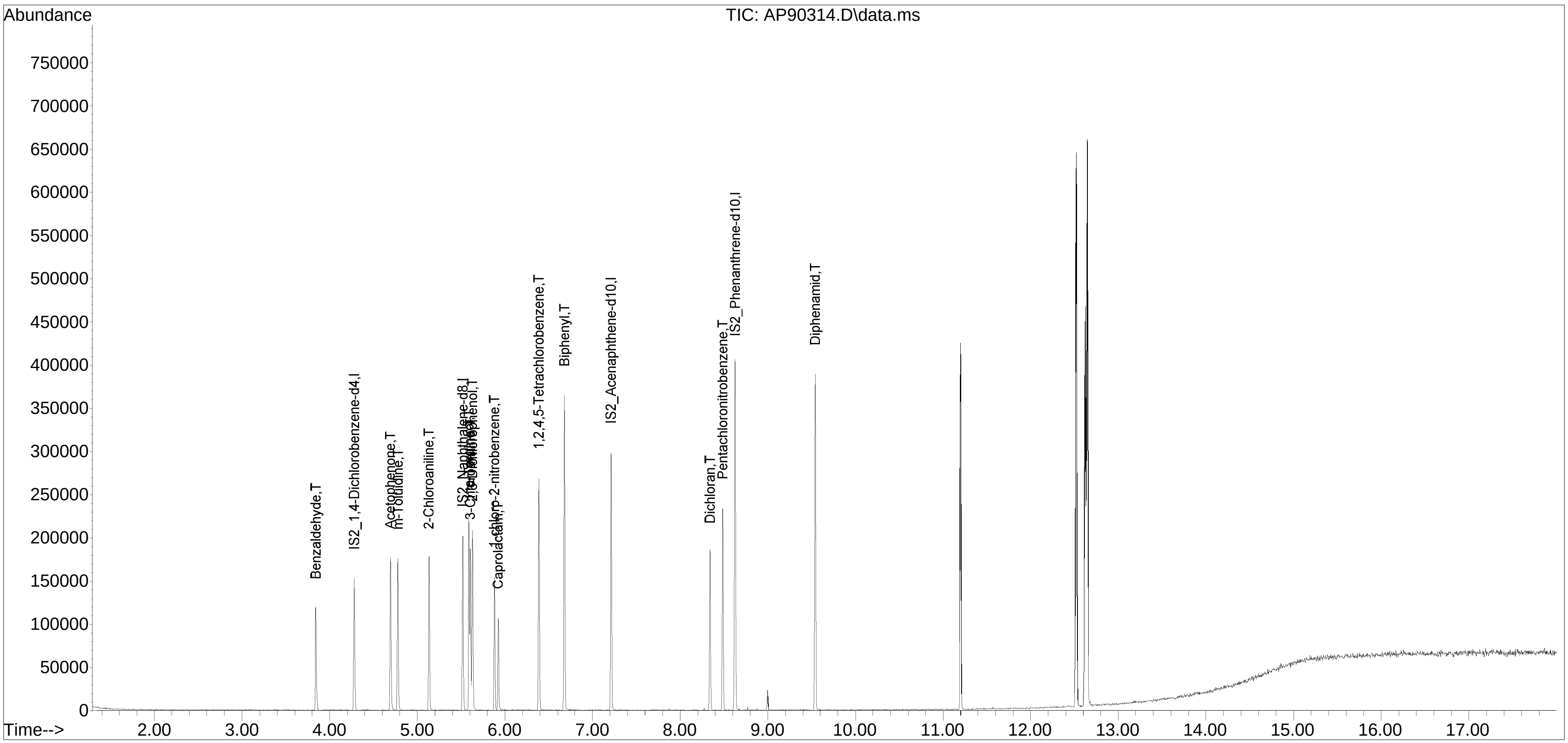
(#) = qualifier out of range (m) = manual integration (+) = signals summed

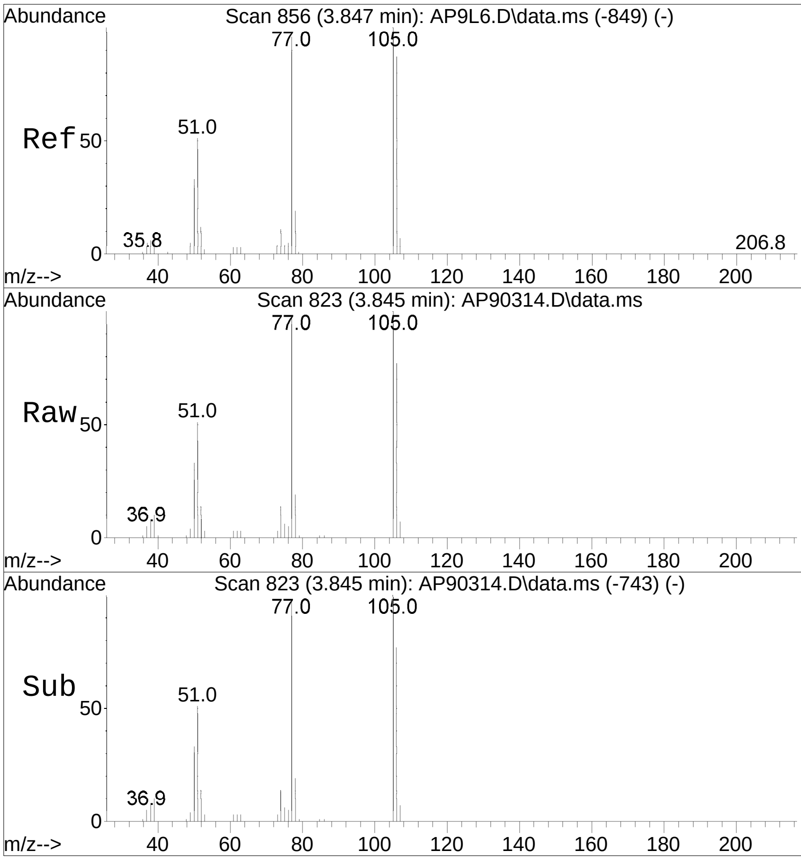
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : AP90314.D
Acq On   : 14 Mar 2025   9:13 am
Operator : Dakota:smz
Sample   : wg2040571-4,32,,AP9 11152 gmr0304C
Misc   : wg2040571,,ical21680
ALS Vial : 97   Sample Multiplier: 1

Quant Time: Mar 14 09:33:50 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 09:34:40 2025
Response via : Initial Calibration

Sub List   : AP9ical - AP9 ical sublist

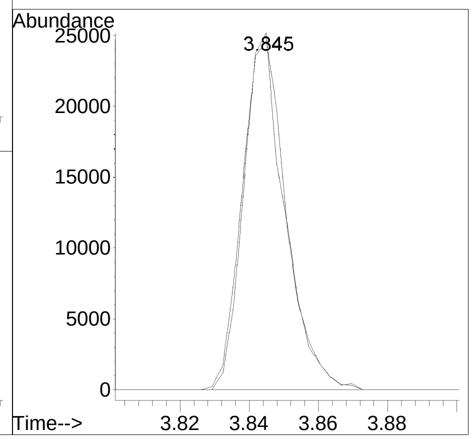


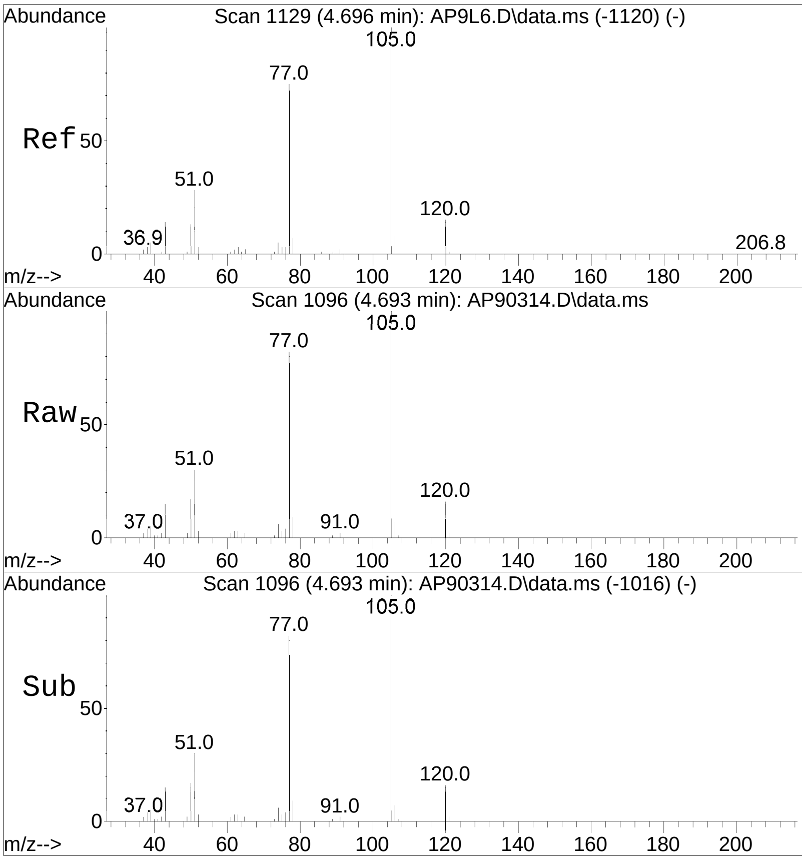


#28
Benzaldehyde
Concen: 5.49 ug/ml
RT: 3.845 min Scan# 823
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:105 Resp: 20704

Ion	Ratio	Lower	Upper
105	100		
77	105.7	82.2	123.4

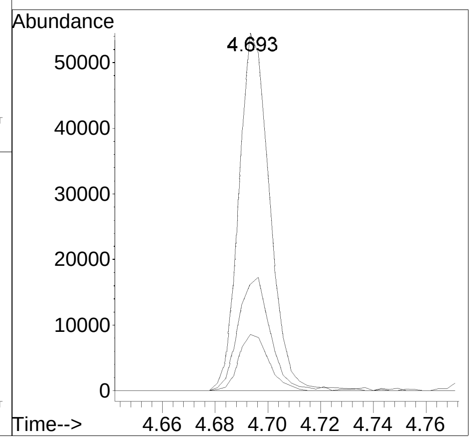


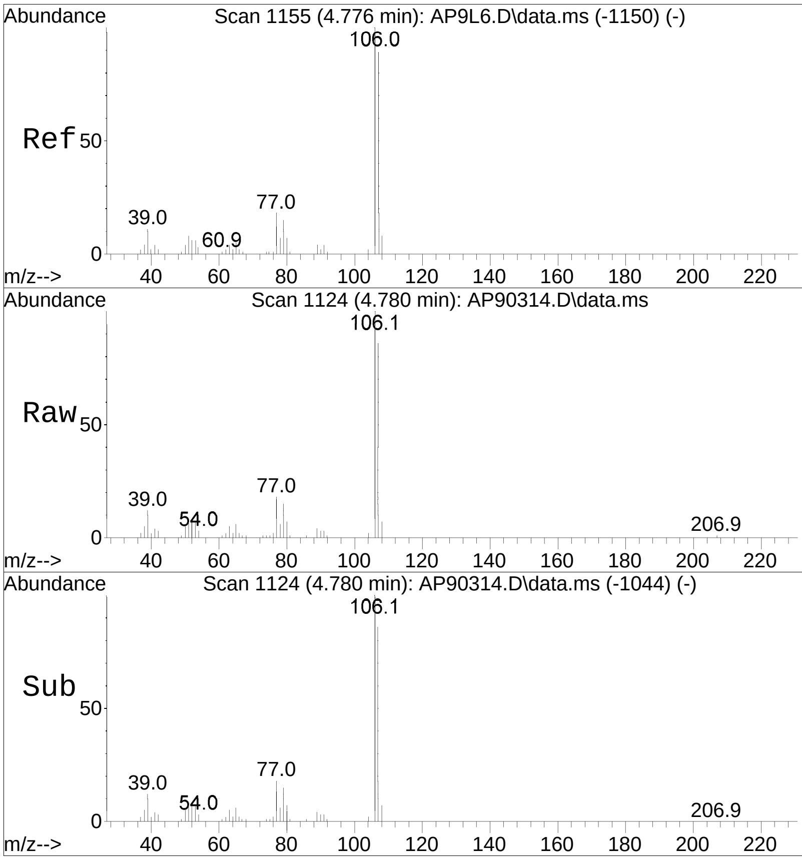


#29
Acetophenone
Concen: 5.88 ug/ml
RT: 4.693 min Scan# 1096
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:105 Resp: 44251

Ion	Ratio	Lower	Upper
105	100		
120	15.3	20.5	30.7#
51	33.0	34.9	52.3#

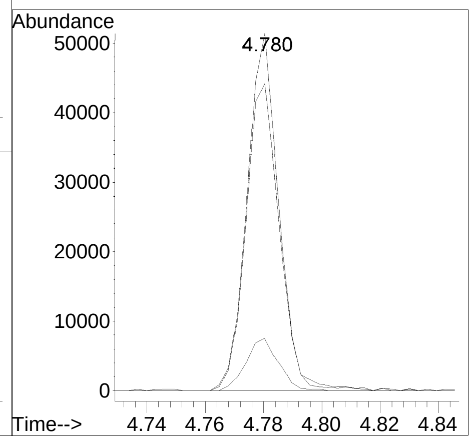


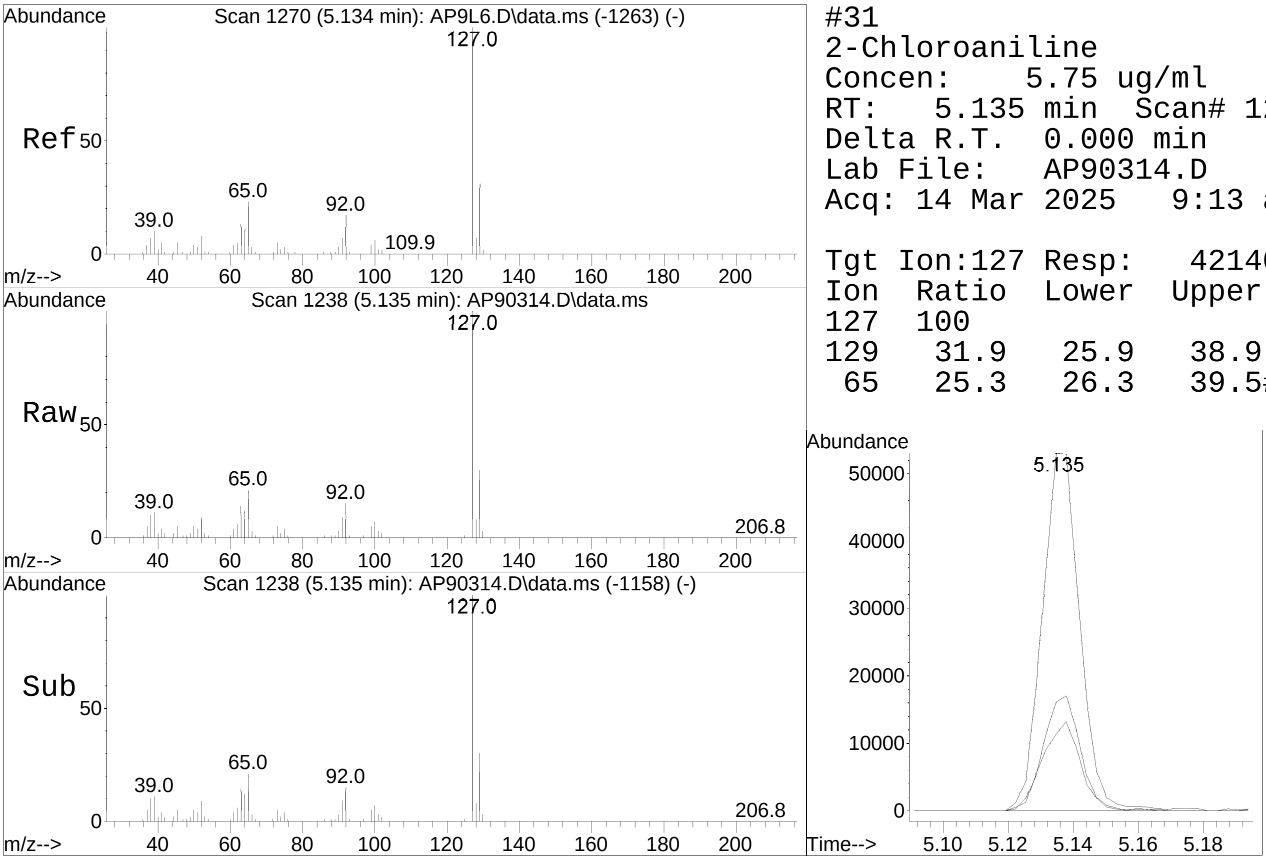


#30
m-Toluidine
Concen: 5.63 ug/ml
RT: 4.780 min Scan# 1124
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:106 Resp: 38802

Ion	Ratio	Lower	Upper
106	100		
107	89.9	75.7	113.5
79	15.0	11.8	17.8

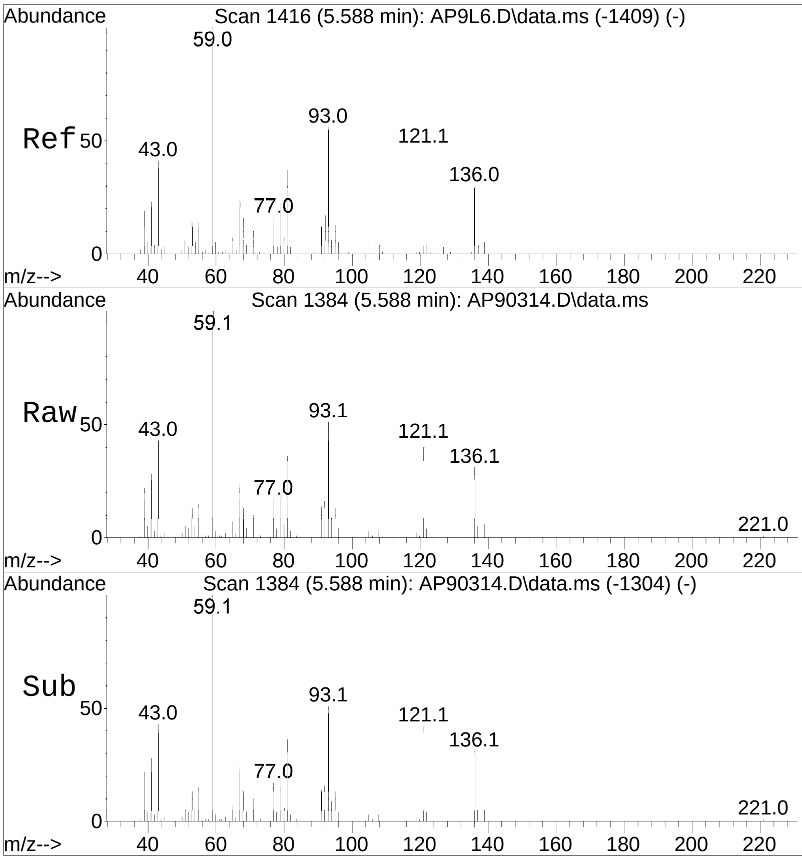




#31
2-Chloroaniline
Concen: 5.75 ug/ml
RT: 5.135 min Scan# 1238
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:127 Resp: 42140

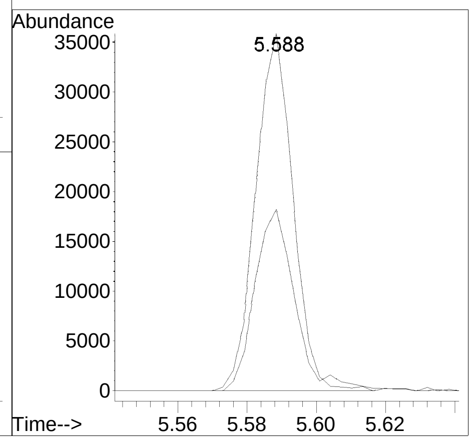
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	25.3	26.3	39.5#

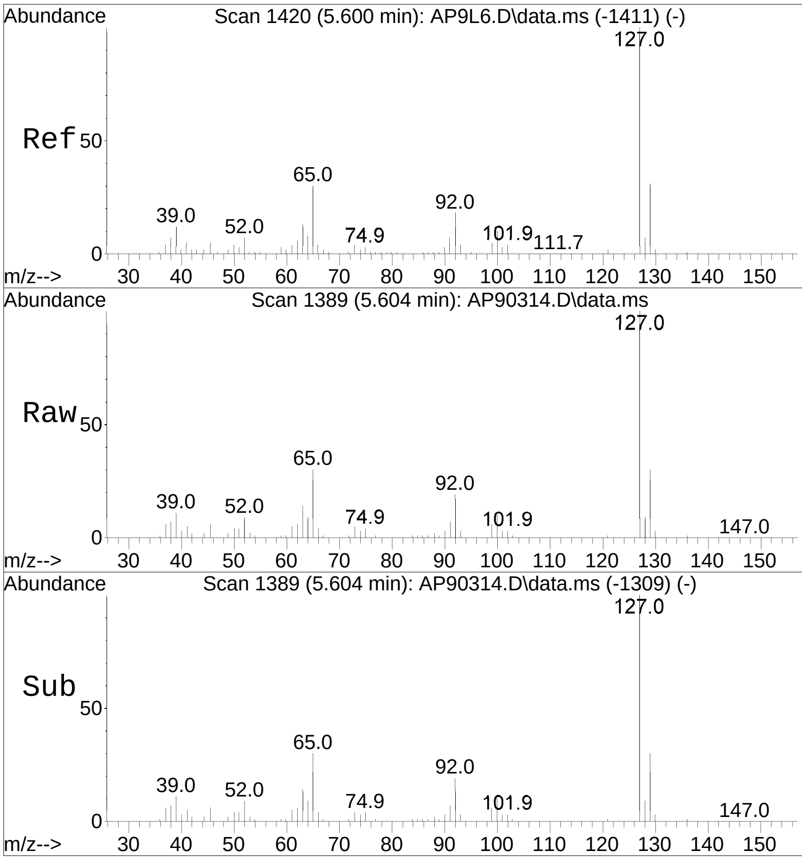


#58
a-Terpineol
Concen: 5.96 ug/ml
RT: 5.588 min Scan# 1384
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion: 59 Resp: 26739

Ion	Ratio	Lower	Upper
59	100		
93	55.4	35.6	53.4#

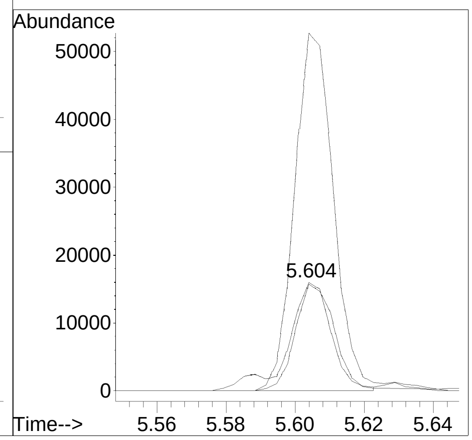


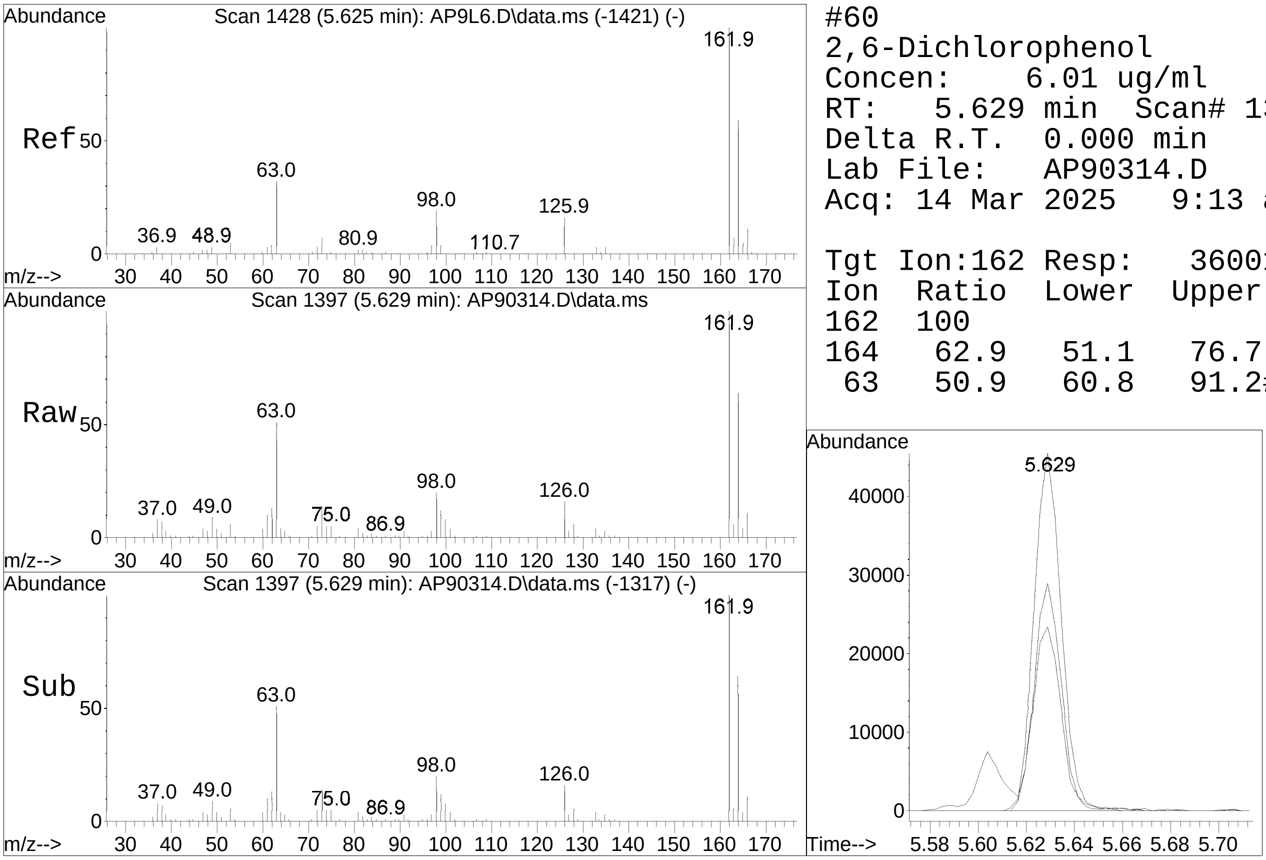


#59
3-Chloroaniline
Concen: 5.91 ug/ml
RT: 5.604 min Scan# 1389
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion: 65 Resp: 13722

Ion	Ratio	Lower	Upper
65	100		
127	305.0	243.2	364.8
129	91.0	78.8	118.2

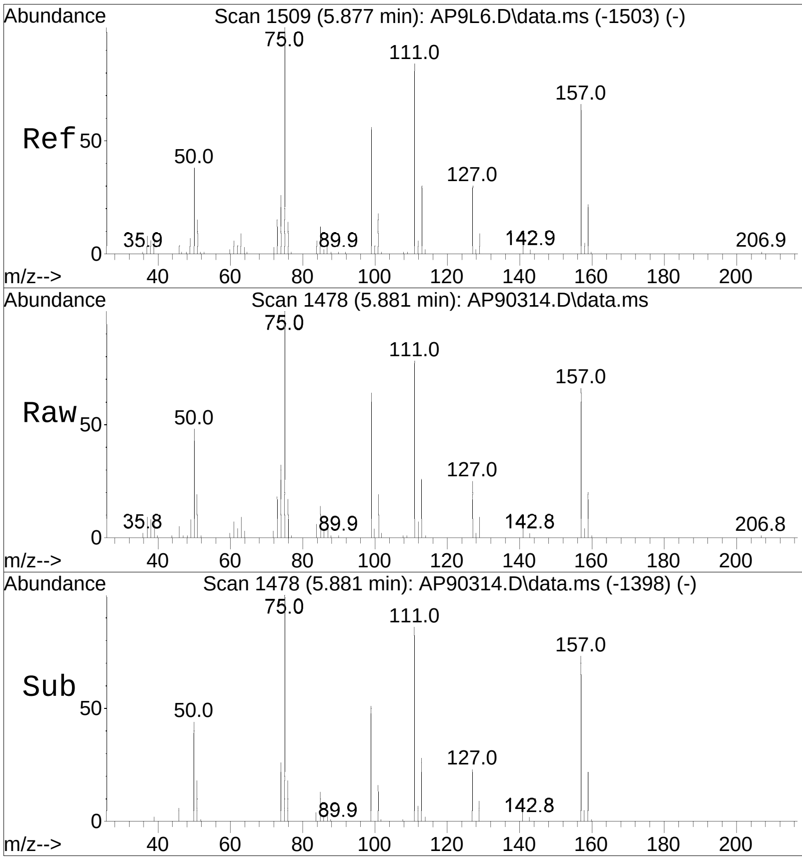




#60
2,6-Dichlorophenol
Concen: 6.01 ug/ml
RT: 5.629 min Scan# 1397
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:162 Resp: 36001

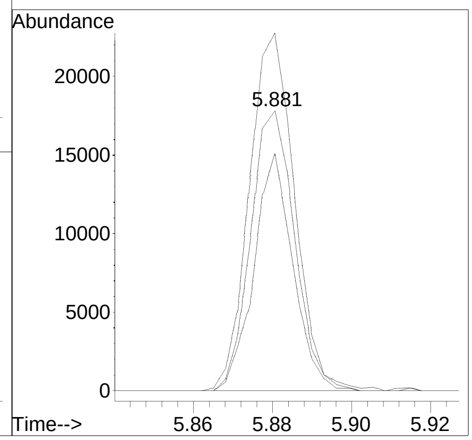
Ion	Ratio	Lower	Upper
162	100		
164	62.9	51.1	76.7
63	50.9	60.8	91.2#

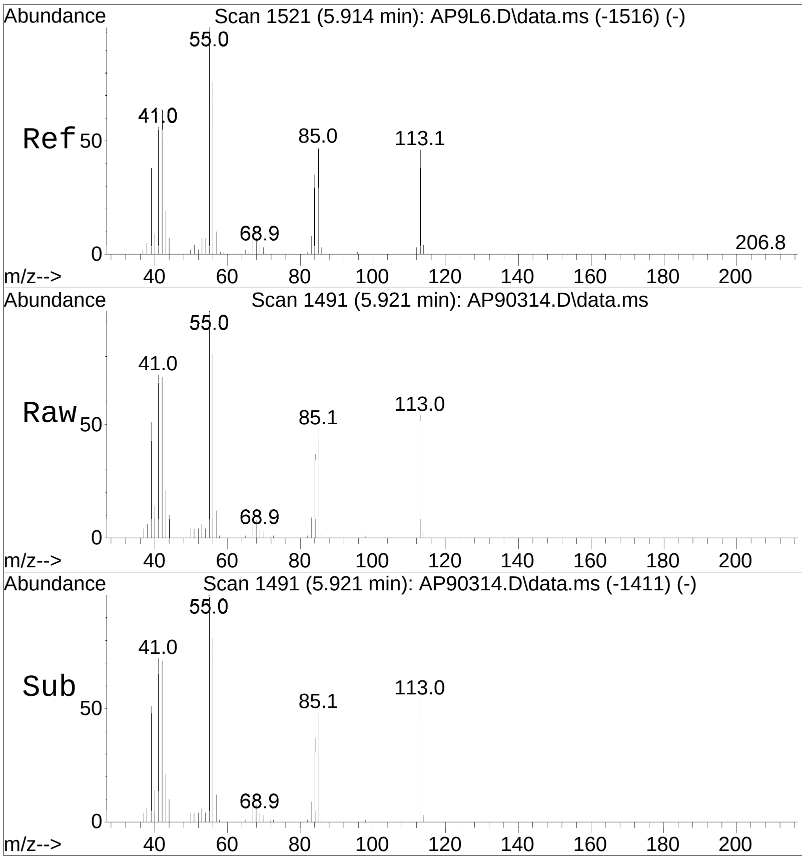


#61
1-chloro-2-nitrobenzene
Concen: 5.99 ug/ml
RT: 5.881 min Scan# 1478
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:111 Resp: 13766

Ion	Ratio	Lower	Upper
111	100		
157	75.3	0.0	0.0#
75	131.6	28.2	42.2#

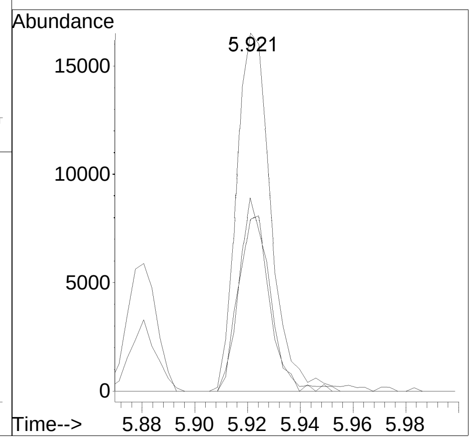


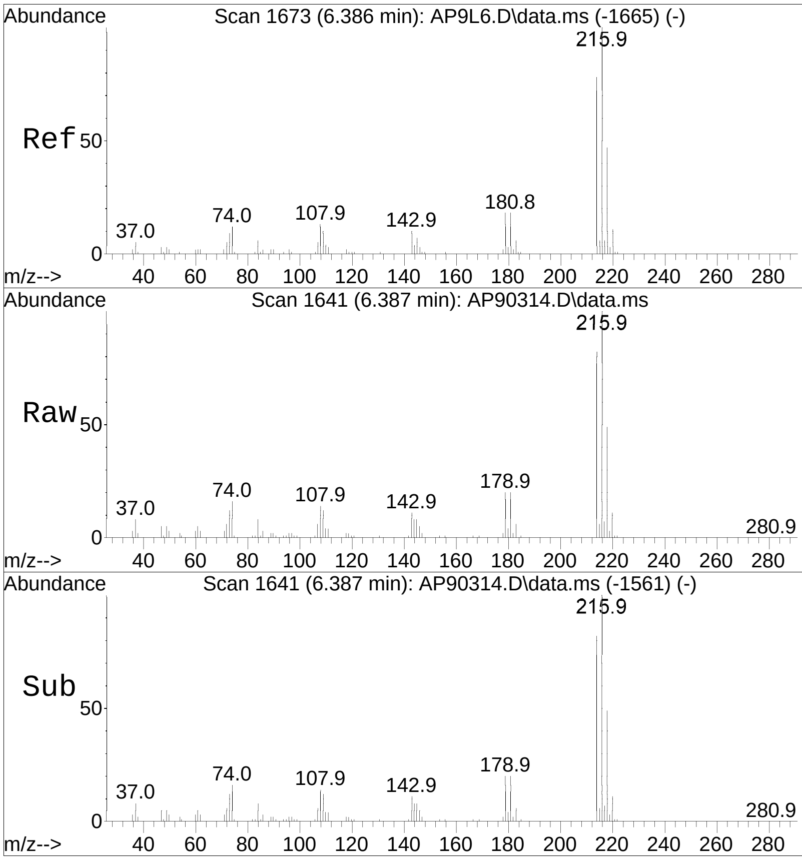


#62
Caprolactam
Concen: 6.06 ug/ml
RT: 5.921 min Scan# 1491
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion: 55 Resp: 15100

Ion	Ratio	Lower	Upper
55	100		
85	45.2	19.8	29.6#
113	46.7	29.6	44.4#

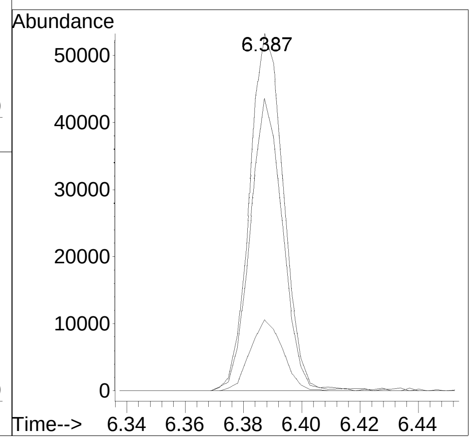


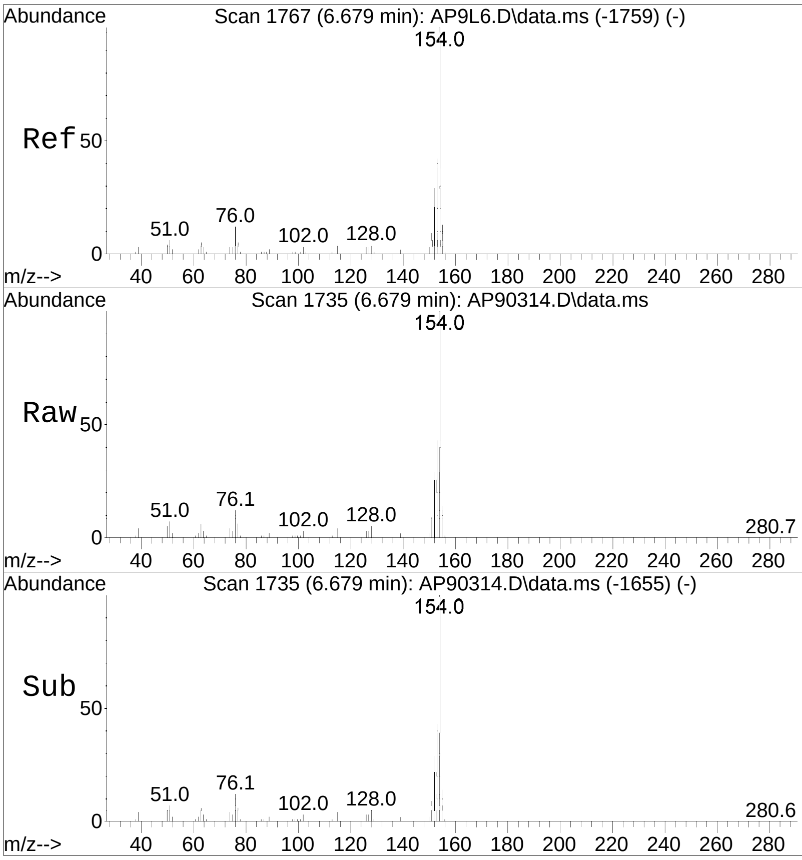


#63
1,2,4,5-Tetrachlorobenzene
Concen: 5.17 ug/ml
RT: 6.387 min Scan# 1641
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:216 Resp: 43290

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.7	95.5
179	19.0	19.0	28.6#

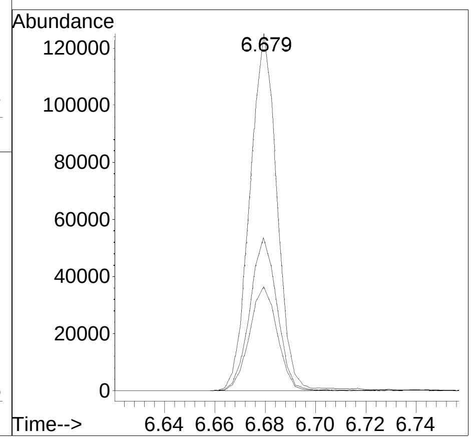


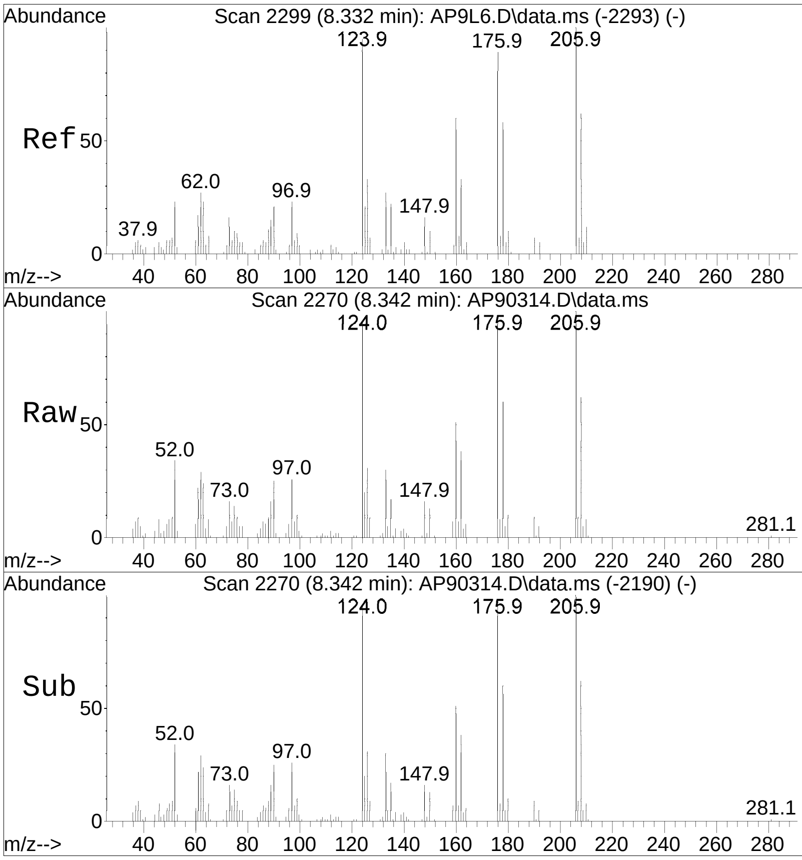


#64
Biphenyl
Concen: 5.51 ug/ml
RT: 6.679 min Scan# 1735
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:154 Resp: 93964

Ion	Ratio	Lower	Upper
154	100		
153	42.8	32.3	48.5
152	30.0	22.5	33.7

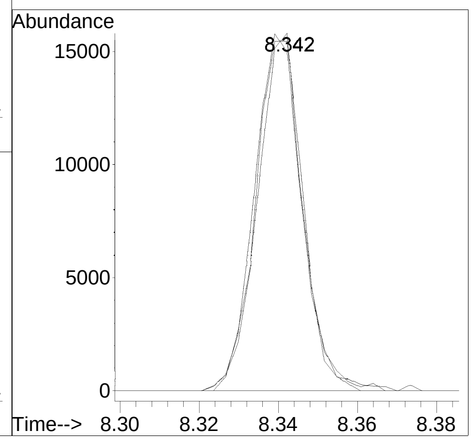


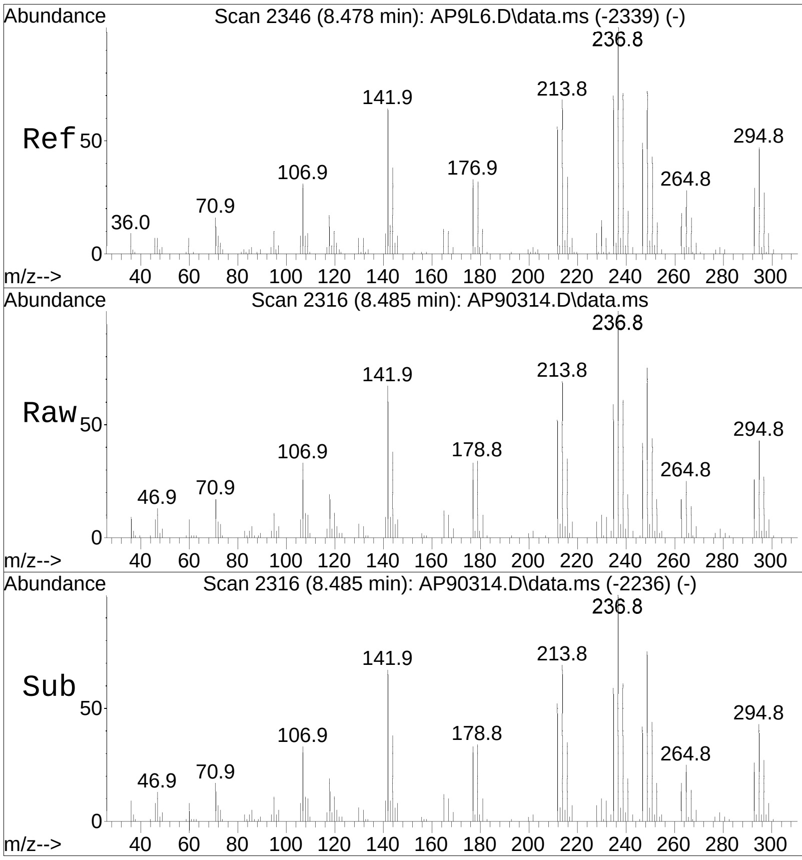


#86
Dichloran
Concen: 5.40 ug/ml
RT: 8.342 min Scan# 2270
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:206 Resp: 12385

Ion	Ratio	Lower	Upper
206	100		
176	105.2	104.6	157.0
124	106.3	130.5	195.7#

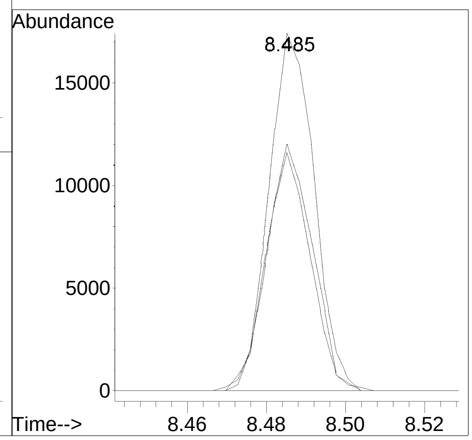


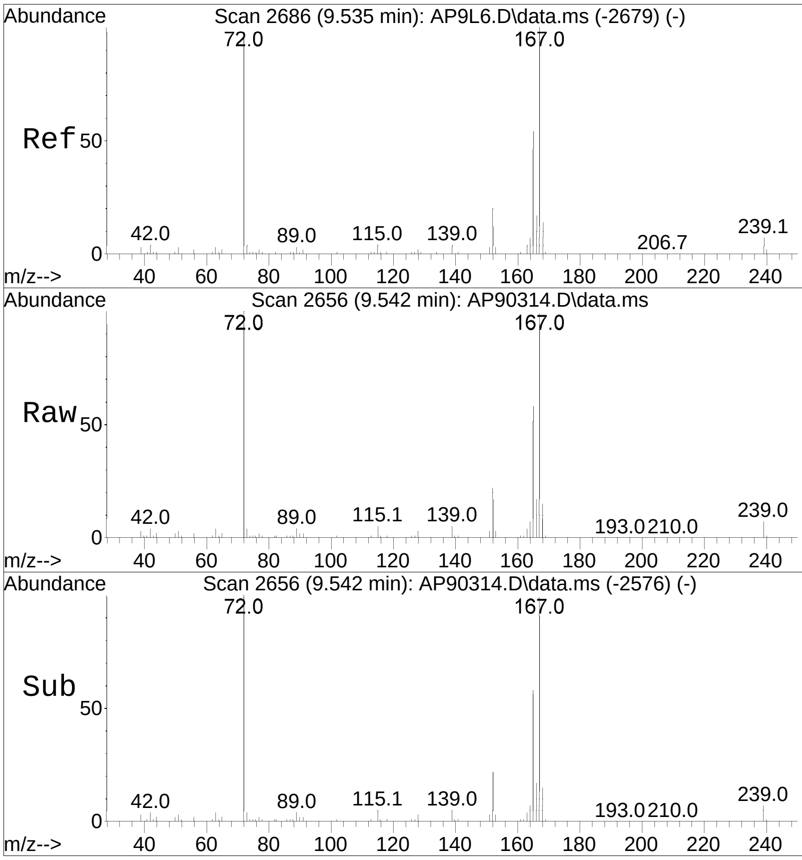


#87
Pentachloronitrobenzene
Concen: 5.51 ug/ml
RT: 8.485 min Scan# 2316
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:237 Resp: 13937

Ion	Ratio	Lower	Upper
237	100		
142	65.3	77.0	115.4#
214	68.8	58.2	87.4

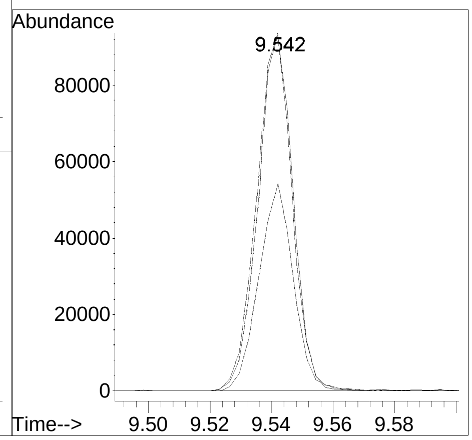




#101
Diphenamid
Concen: 5.66 ug/ml
RT: 9.542 min Scan# 2656
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 9:13 am

Tgt Ion:167 Resp: 73238

Ion	Ratio	Lower	Upper
167	100		
72	101.3	109.7	164.5#
165	57.8	41.8	62.6



Manual Integration Report

```
Data Path   : I:\8270\Dakota\250314RVT\ QMethod     : FS241105RVT_Dakota.m
Data File   : AP90314.D                 Operator    : Dakota:smz
Date Inj'd  : 3/14/2025  9:13 am        Instrument  : Dakota
Sample      : wg2040571-4,32,,AP9 11152 Quant Date  : 3/14/2025  9:34 am
```

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Dakota\250314RVT\
Data File : ADP0314.D
Acq On : 14 Mar 2025 9:35 am
Operator : Dakota:smz
Sample : wg2040571-5,32,,ADP 11153 gmr0304C
Misc : wg2040571,,ical21680
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Mar 14 10:10:47 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	78	0.00
33	T	1,4-Dioxane		0.381	0.391	-2.6	76	0.00
35	T	n-Decane		1.048	1.143	-9.1	82	0.00
88	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	90	0.00
89	T	Atrazine		0.343	0.359	-4.7	94	0.00
102	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	92	0.00
103	T	n-Octadecane		0.334	0.363	-8.7	101	0.00
104	T	Parathion	*	5.000	4.955	0.9	103	0.00
105	T	3,3'-Dimethylbenzidine	*	5.000	5.123	-2.5	108	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : ADP0314.D
Acq On : 14 Mar 2025 9:35 am
Operator : Dakota:smz
Sample : wg2040571-5,32,,ADP 11153 gmr0304C
Misc : wg2040571,,ical21680
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Mar 14 10:10:47 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:33 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.280	152	21148	4.000 ug/ml	0.00
88) IS3_Acenaphthene-d10	7.211	164	54233	4.000 ug/ml	0.00
102) IS3_Phenanthrene-d10	8.625	188	123626	4.000 ug/ml	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.393	88	10339	5.134 ug/ml#	77
35) n-Decane	4.181	57	30214	5.451 ug/ml#	25
89) Atrazine	8.429	200	24338	5.232 ug/ml#	91
103) n-Octadecane	8.638	57	56035	5.433 ug/ml#	1
104) Parathion	9.424	109	12754	4.955 ug/ml	88
105) 3,3'-Dimethylbenzidine	10.670	212	117190	5.123 ug/ml	98

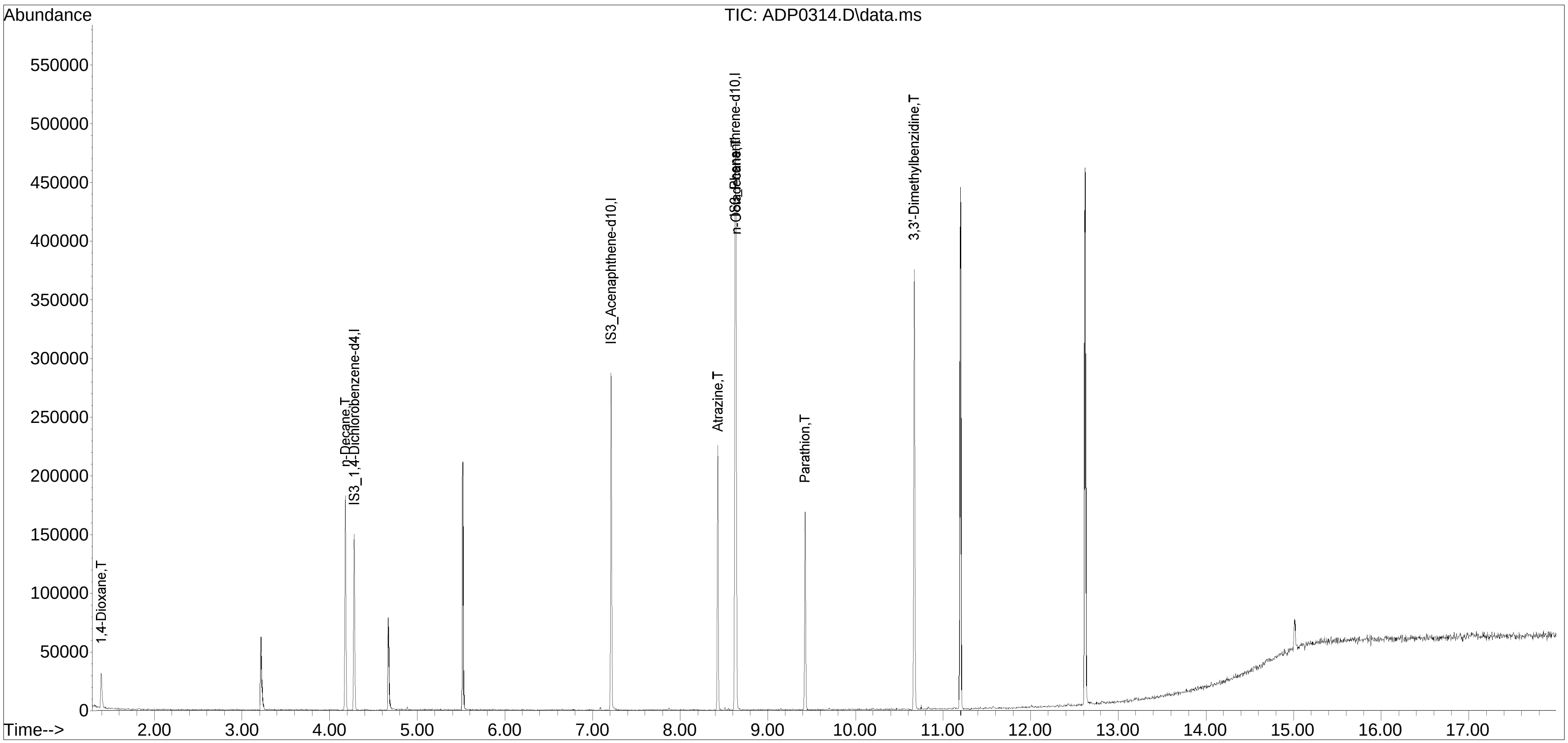
(#) = qualifier out of range (m) = manual integration (+) = signals summed

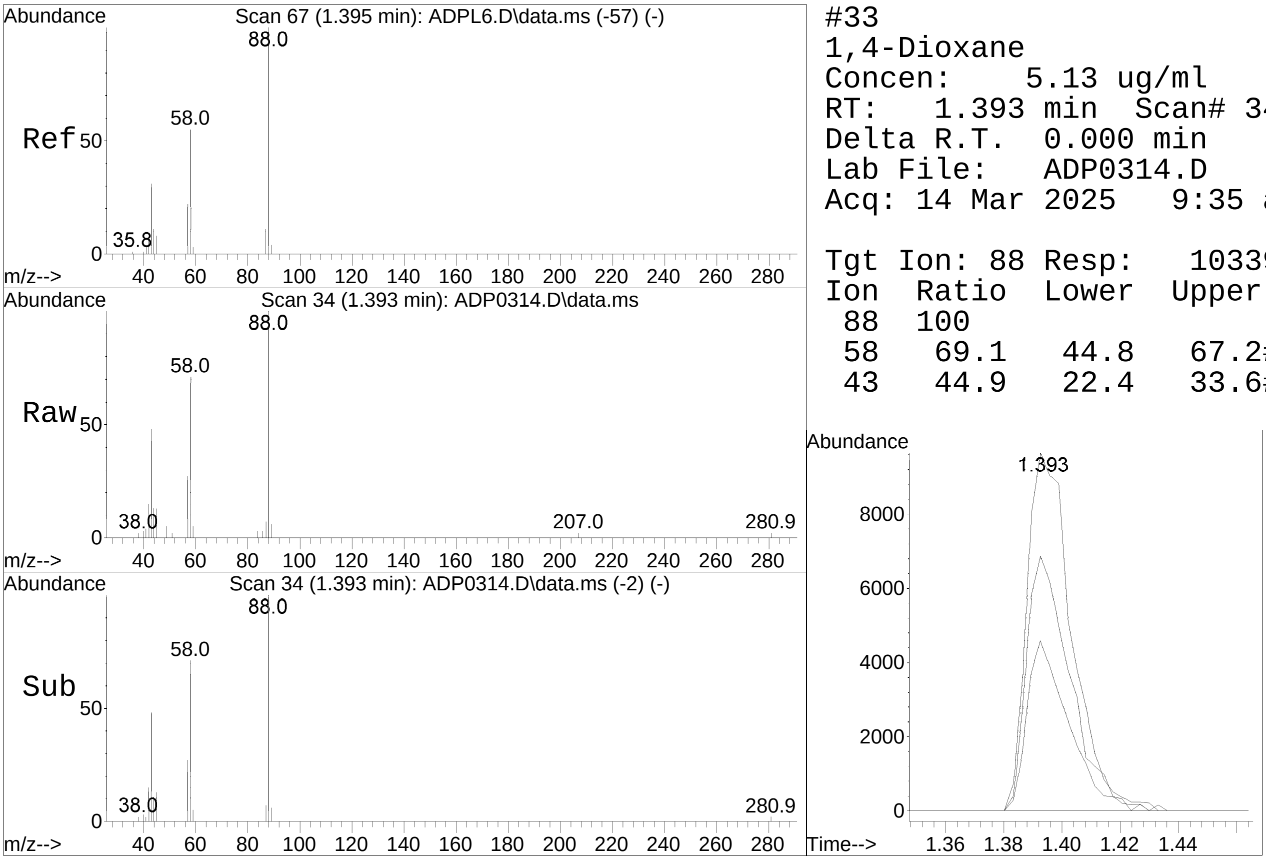
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : ADP0314.D
Acq On : 14 Mar 2025 9:35 am
Operator : Dakota:smz
Sample : wg2040571-5,32,,ADP 11153 gmr0304C
Misc : wg2040571,,ical21680
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Mar 14 10:10:47 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 10:11:33 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

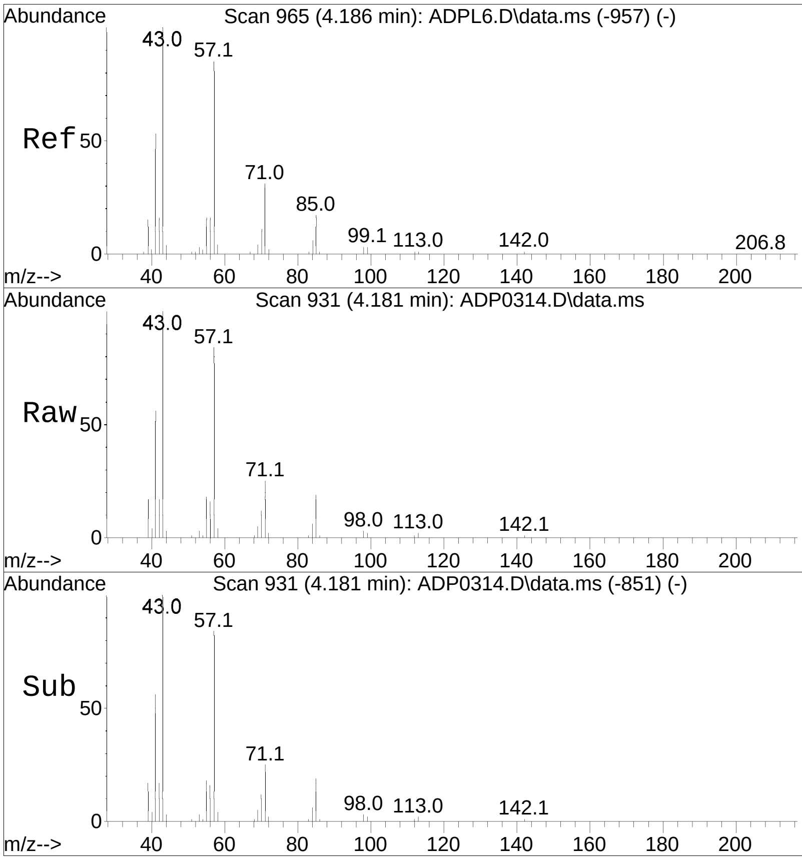




#33
1,4-Dioxane
Concen: 5.13 ug/ml
RT: 1.393 min Scan# 34
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 9:35 am

Tgt Ion: 88 Resp: 10339

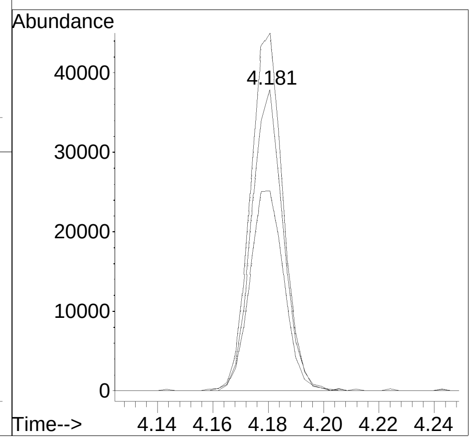
Ion	Ratio	Lower	Upper
88	100		
58	69.1	44.8	67.2#
43	44.9	22.4	33.6#

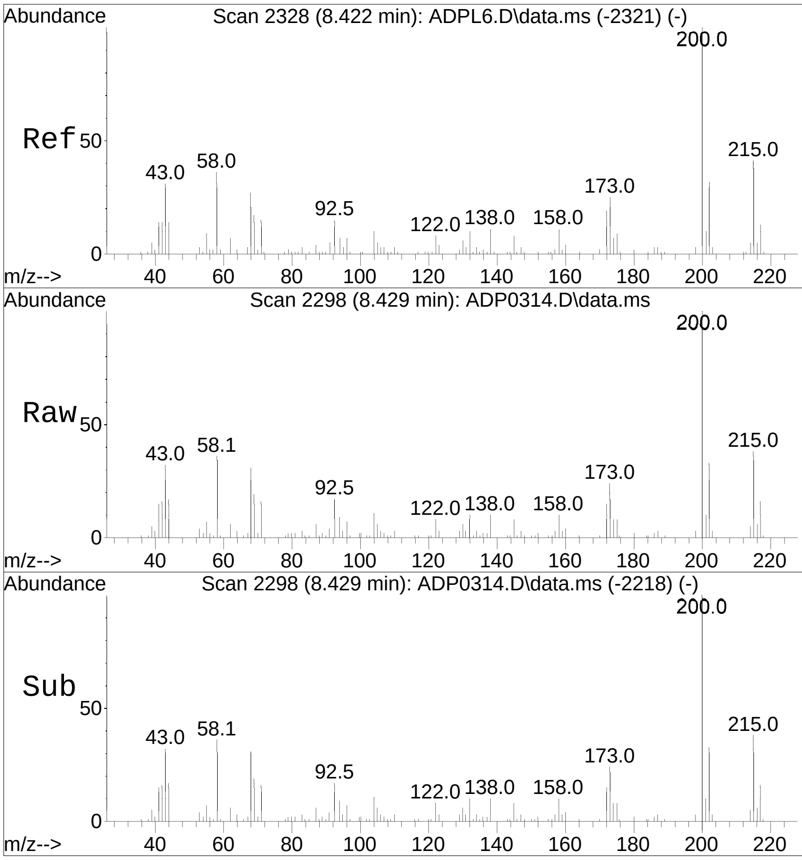


#35
n-Decane
Concen: 5.45 ug/ml
RT: 4.181 min Scan# 931
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 9:35 am

Tgt Ion: 57 Resp: 30214

Ion	Ratio	Lower	Upper
57	100		
43	122.1	0.2	0.2#
41	71.6	0.2	0.2#

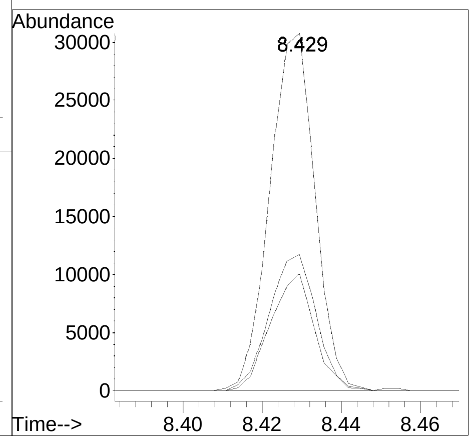


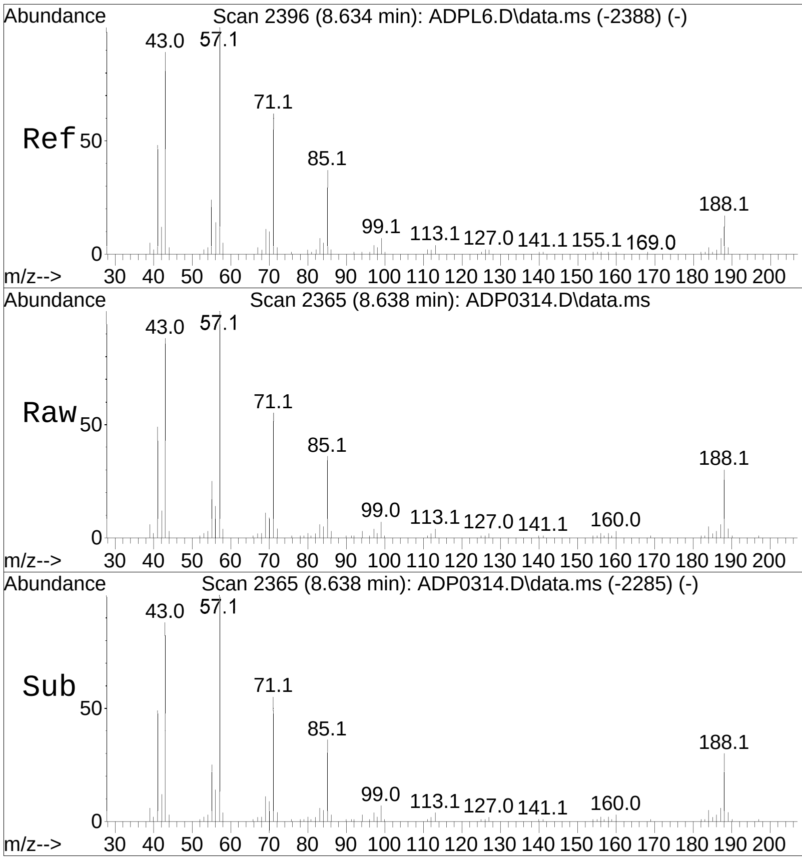


#89
Atrazine
Concen: 5.23 ug/ml
RT: 8.429 min Scan# 2298
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 9:35 am

Tgt Ion:200 Resp: 24338

Ion	Ratio	Lower	Upper
200	100		
202	32.0	25.8	38.6
215	39.7	40.2	60.4#

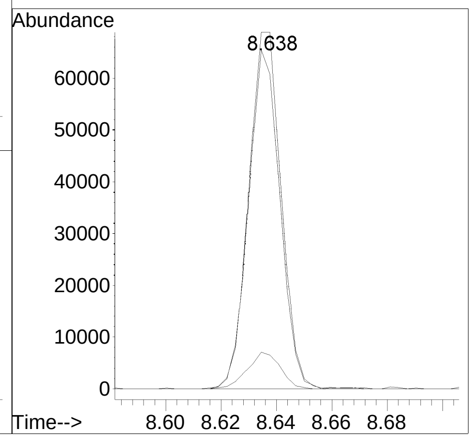


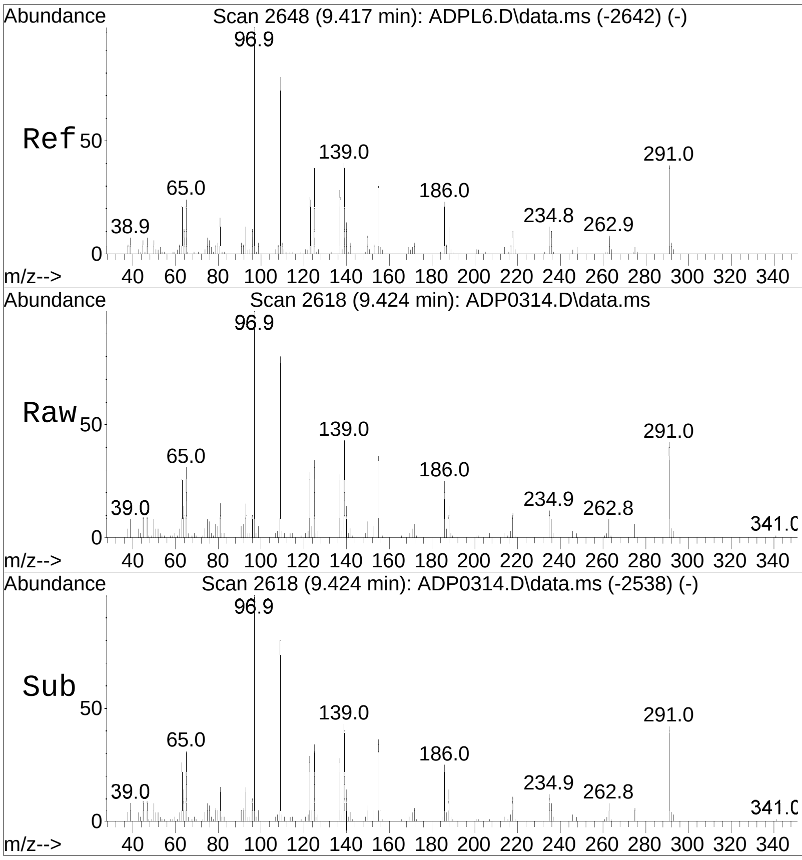


#103
n-Octadecane
Concen: 5.43 ug/ml
RT: 8.638 min Scan# 2365
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 9:35 am

Tgt Ion: 57 Resp: 56035

Ion	Ratio	Lower	Upper
57	100		
43	92.1	9.0	13.6#
70	10.4	0.2	0.2#

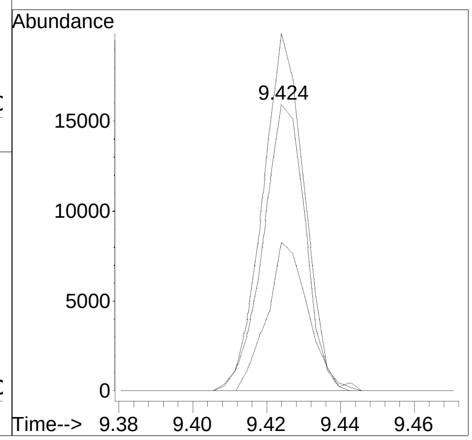


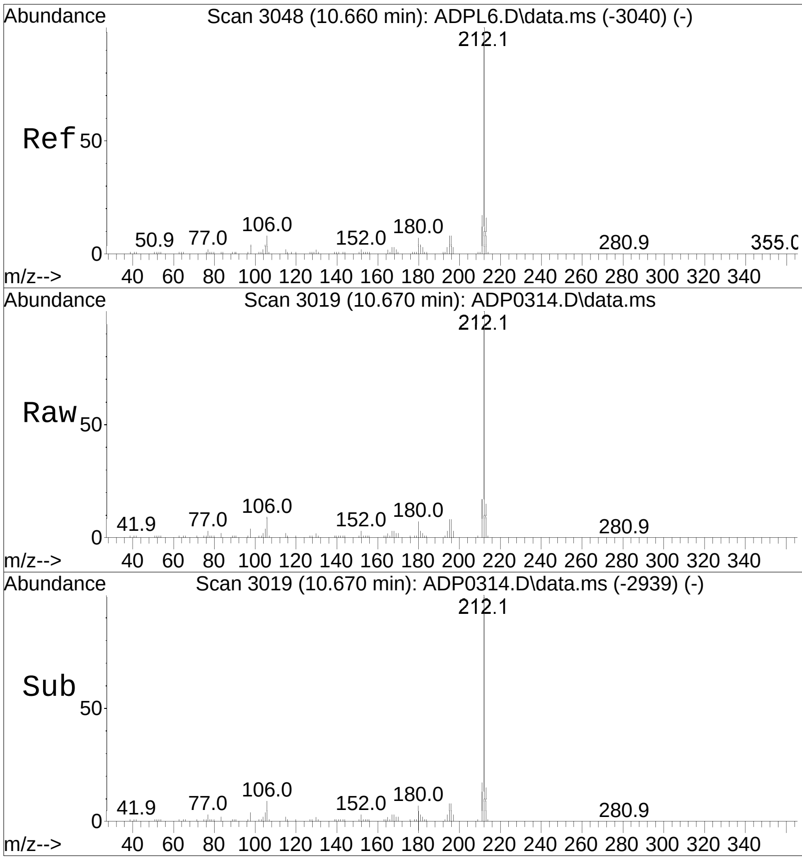


#104
Parathion
Concen: 4.95 ug/ml
RT: 9.424 min Scan# 2618
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 9:35 am

Tgt Ion:109 Resp: 12754

Ion	Ratio	Lower	Upper
109	100		
97	122.5	87.4	131.2
291	49.7	34.2	51.2

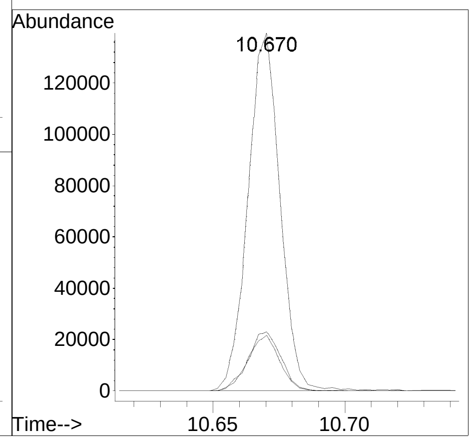




#105
3,3'-Dimethylbenzidine
Concen: 5.12 ug/ml
RT: 10.670 min Scan# 3019
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 9:35 am

Tgt Ion:212 Resp: 117190

Ion	Ratio	Lower	Upper
212	100		
211	17.0	12.9	19.3
213	15.7	13.2	19.8



Manual Integration Report

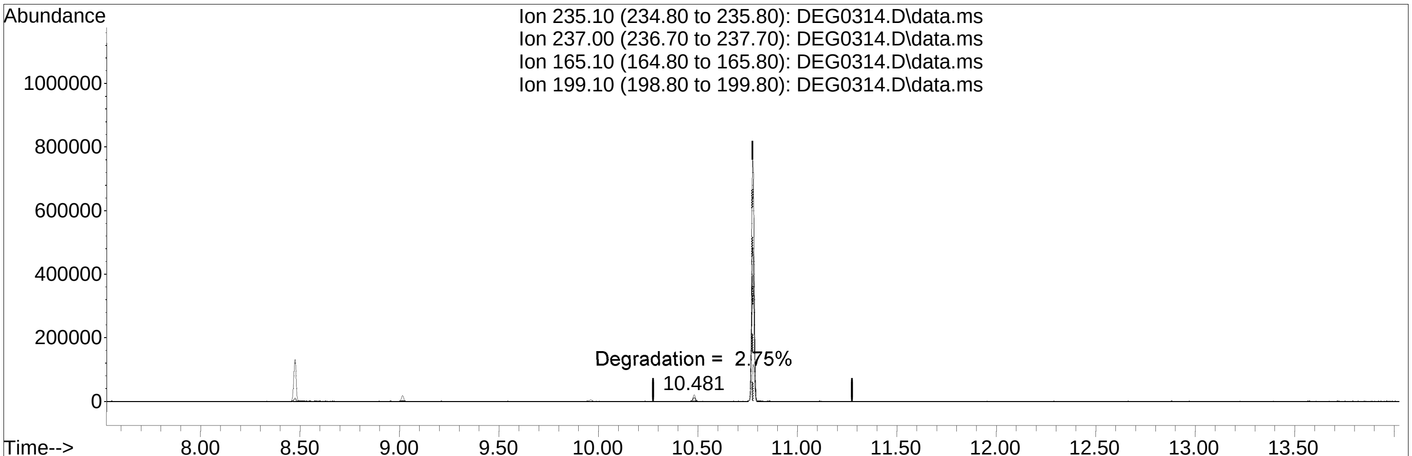
```
Data Path   : I:\8270\Dakota\250314RVT\ QMethod     : FS241105RVT_Dakota.m
Data File   : ADP0314.D                 Operator    : Dakota:smz
Date Inj'd  : 3/14/2025  9:35 am        Instrument  : Dakota
Sample      : wg2040571-5,32,,ADP 11153 Quant Date  : 3/14/2025 10:11 am
```

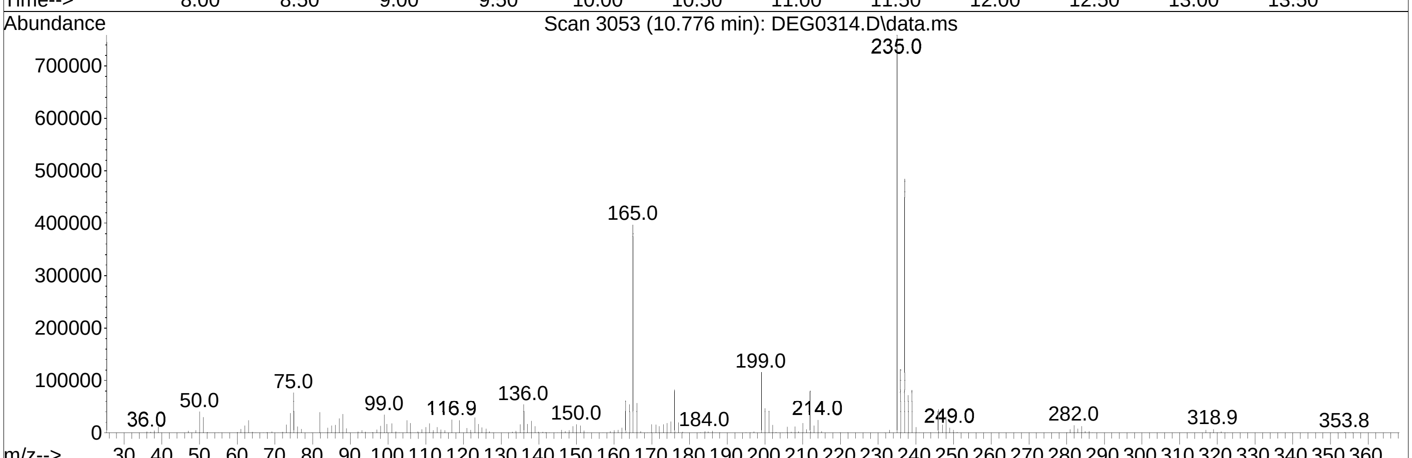
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\Dakota\250314RVT\
Data File : DEG0314.D
Acq On : 14 Mar 2025 8:28 am
Operator : Dakota:smz
Sample : wg2040571-2,32,,Degdftpp Lot #11459
Misc : wg2040571,,ical21680
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Mar 14 08:58:06 2025
Quant Method : I:\8270\Dakota\250314RVT\DftppDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:05:11 2025
Response via : Initial Calibration





CHROMtools™[wg2040571-2,32,,Degdftpp Lot #11459]

(6) DDT (T)

10.776min (-0.000) 110.00

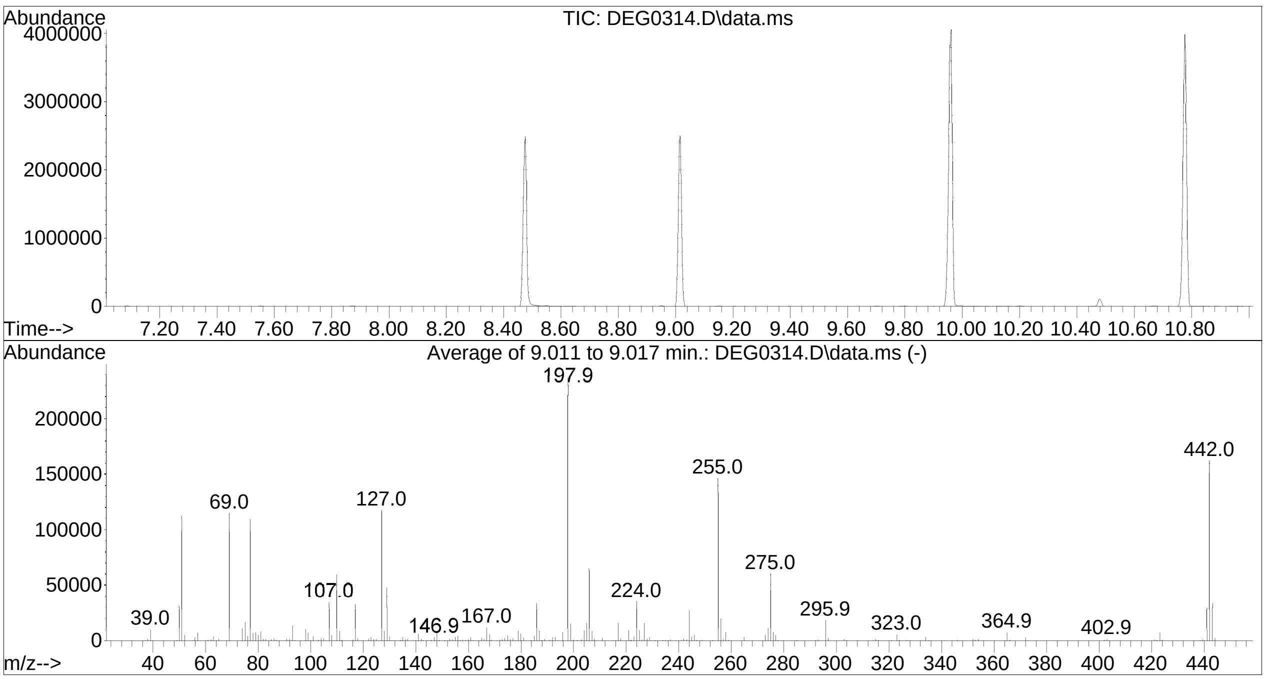
response 670544

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.90	64.04
165.10	48.70	51.06
199.10	15.80	15.17

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : DEG0314.D
Acq On    : 14 Mar 2025   8:28 am
Operator  : Dakota:gmr
Sample    : WG2040571-1,32,,Degdftpp Lot #11459
Misc      : WG2040571,,ical21680
ALS Vial  : 100   Sample Multiplier: 1

Integration File: rteint.p

Method    : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Title     : Semivolatiles by GC/MS by modified 8270
Last Update  : Fri Mar 14 09:34:39 2025
```



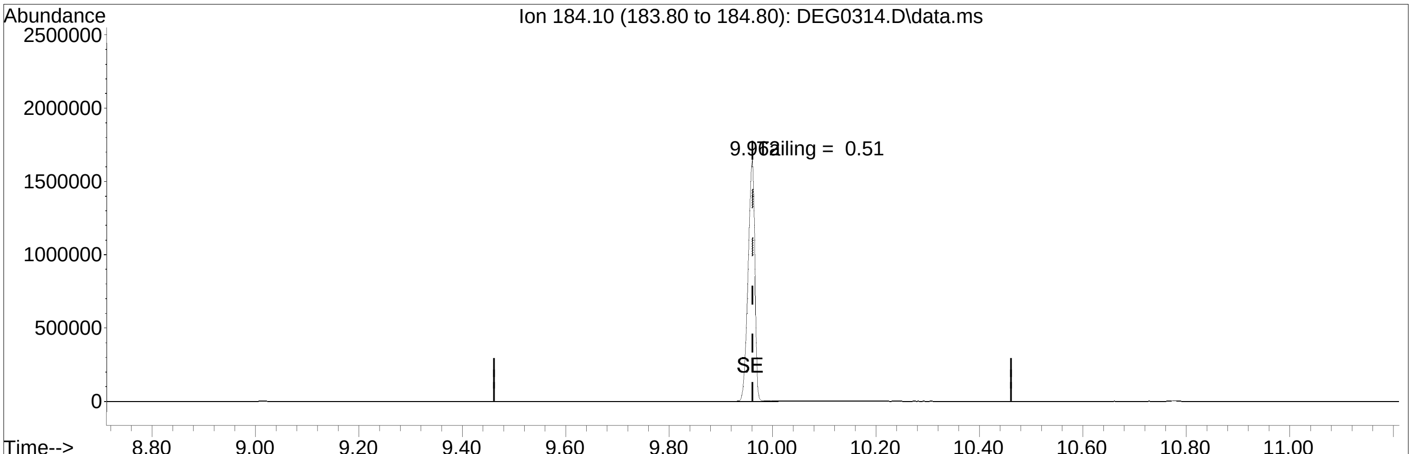
Spectrum Information: Average of 9.011 to 9.017 min.

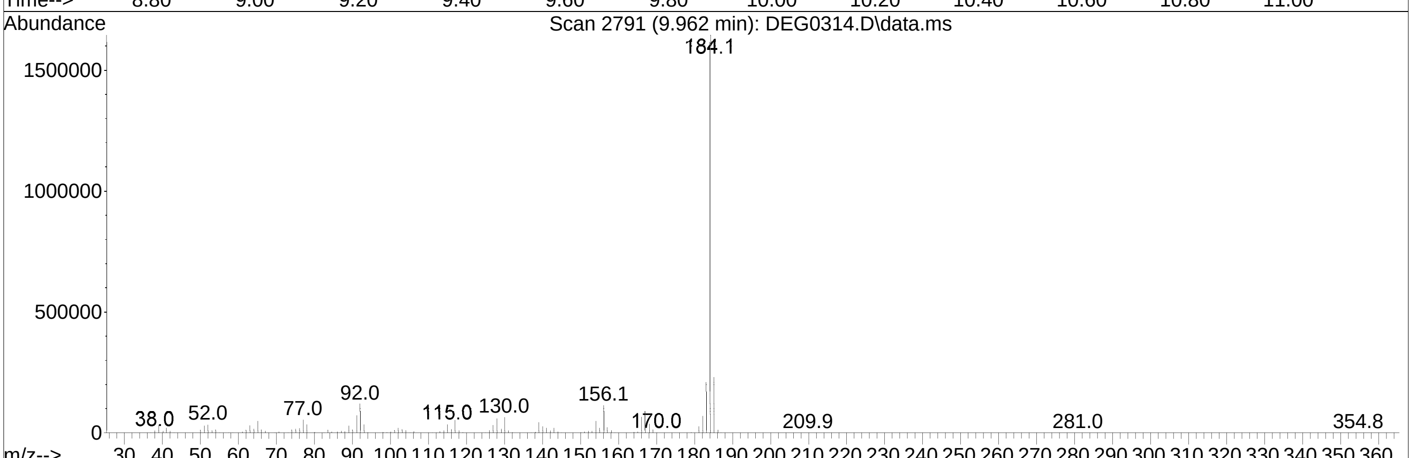
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	47.5	112707	PASS
68	69	0.00	2	0.4	458	PASS
69	69	100	100	100.0	114637	PASS
70	69	0.00	2	0.4	445	PASS
127	198	10	80	49.5	117565	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	237419	PASS
199	198	5	9	6.5	15435	PASS
275	198	10	60	25.5	60429	PASS
365	198	1	100	3.2	7626	PASS
441	442	0.01	24	18.3	29680	PASS
442	198	50	100	68.3	162069	PASS
443	442	15	24	20.6	33317	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Dakota\250314RVT\
Data File : DEG0314.D
Acq On : 14 Mar 2025 8:28 am
Operator : Dakota:smz
Sample : wg2040571-6,32,,Degdftpp Lot #11459
Misc : wg2040571,,ical21680
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Mar 14 08:58:06 2025
Quant Method : I:\8270\Dakota\250314RVT\DftppDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:05:11 2025
Response via : Initial Calibration





CHROMtools™[wg2040571-6,32,,Degdftpp Lot #11459]

(3) Benzidine (T)

9.962min (-0.000) 144.80

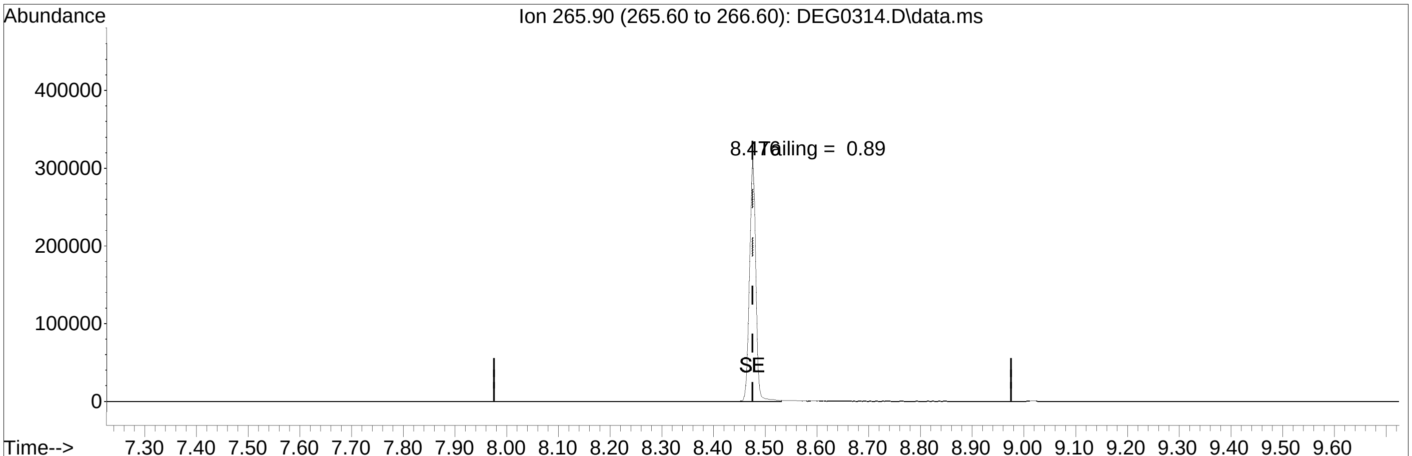
response 1474023

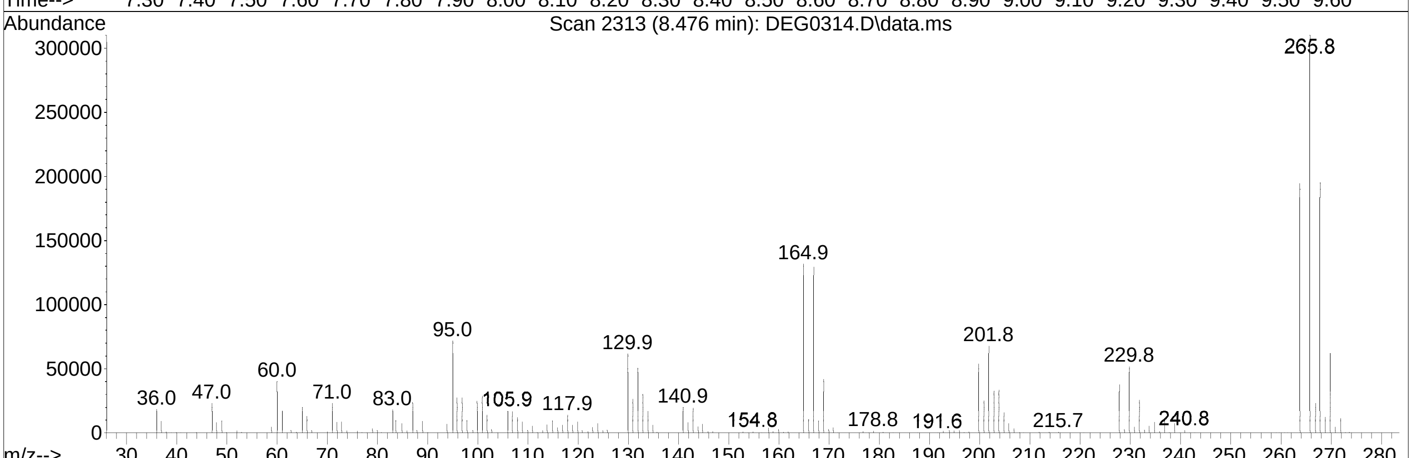
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Dakota\250314RVT\
Data File : DEG0314.D
Acq On : 14 Mar 2025 8:28 am
Operator : Dakota:smz
Sample : wg2040571-7,32,,Degdftpp Lot #11459
Misc : wg2040571,,ical21680
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Mar 14 08:58:06 2025
Quant Method : I:\8270\Dakota\250314RVT\DftppDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 20:05:11 2025
Response via : Initial Calibration





CHROMtools™[wg2040571-7,32,,Degdftpp Lot #11459]

(1) Pentachlorophenol (T)

8.476min (0.000) 121.98

response 256203

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:03		
Lab File ID	: ABN0313	**Init. Calib. Date(s)**	: 03/11/25	03/12/25	
Sample No	: WG2040166-3	**Init. Calib. Times**	: 16:50	06:06	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
n-Nitrosodimethylamine	0.718	0.729	-	-1.5	20	111	0
Pyridine	1.251	0.961	-	23.2*	20	90	0
2-Fluorophenol	1.128	1.061	-	5.9	20	103	0
Aniline	1.738	1.776	-	-2.2	20	105	0
2-Chlorophenol	1.218	1.195	-	1.9	20	107	0
Phenol-d6	1.323	1.297	-	2	20	106	0
Phenol	1.459	1.451	-	0.5	20	109	0
Bis(2-chloroethyl)ether	1.159	1.182	-	-2	20	112	0
1,3-Dichlorobenzene	1.54	1.458	-	5.3	20	107	0
1,4-Dichlorobenzene	1.574	1.509	-	4.1	20	105	0
1,2-Dichlorobenzene	1.49	1.452	-	2.6	20	109	0
Benzyl alcohol	0.91	0.891	-	2.1	20	106	0
Bis(2-chloroisopropyl)ethe	2.704	2.936	-	-8.6	20	121	0
2-Methylphenol	1.283	1.25	-	2.6	20	109	0
Hexachloroethane	0.546	0.533	-	2.4	20	106	0
n-Nitrosodi-n-propylamine	0.855	0.856	-	-0.1	20	108	0
3-Methylphenol/4-Methylphe	1.11	1.135	-	-2.3	20	110	0
Nitrobenzene-d5	1.096	1.138	-	-3.8	20	111	0
Nitrobenzene	1.118	1.204	-	-7.7	20	113	0
Isophorone	2.296	2.3	-	-0.2	20	108	0
2-Nitrophenol	0.509	0.527	-	-3.5	20	110	0
2,4-Dimethylphenol	1.198	1.215	-	-1.4	20	106	0
Bis(2-chloroethoxy)methane	1.639	1.269	-	22.6*	20	93	0
2,4-Dichlorophenol	1.137	1.145	-	-0.7	20	106	0
1,2,4-Trichlorobenzene	1.457	1.381	-	5.2	20	107	0
IS1_Naphthalene-d8	1	1	-	0	20	113	0
Naphthalene	1.066	1.011	-	5.2	20	112	0
Benzoic Acid	5	3.27	-	34.6*	20	95	0
4-Chloroaniline	0.132	0.128	-	3	20	109	0
Hexachlorobutadiene	0.244	0.225	-	7.8	20	106	0
p-Chloro-m-cresol	0.325	0.292	-	10.2	20	106	0
2-Methylnaphthalene	0.638	0.616	-	3.4	20	111	0
1-Methylnaphthalene	0.245	0.224	-	8.6	20	108	0
Hexachlorocyclopentadiene	0.3	0.264	-	12	20	100	0
2,4,6-Trichlorophenol	0.251	0.223	-	11.2	20	100	0
2,4,5-Trichlorophenol	0.255	0.257	-	-0.8	20	110	0
2-Fluorobiphenyl	0.923	0.846	-	8.3	20	107	0
2-Chloronaphthalene	0.756	0.701	-	7.3	20	108	0
2-Nitroaniline	0.166	0.166	-	0	20	108	0
1,4-Dinitrobenzene	5	3.259	-	34.8*	20	63	0
1,3-Dinitrobenzene	0.104	0.096	-	7.7	20	108	0
Dimethyl phthalate	0.908	0.85	-	6.4	20	106	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:03
Lab File ID	: ABN0313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-3	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.201	1.118	-	6.9	20	107	0
2,6-Dinitrotoluene	0.151	0.164	-	-8.6	20	104	0
1,2-Dinitrobenzene	0.063	0.066	-	-4.8	20	106	0
IS1_Acenaphthene-d10	1	1	-	0	20	106	0
3-Nitroaniline	0.252	0.269	-	-6.7	20	108	0
Acenaphthene	1.101	1.045	-	5.1	20	108	0
2,4-Dinitrophenol	5	4.576	-	8.5	20	108	0
Dibenzofuran	1.914	1.738	-	9.2	20	109	0
2,4-Dinitrotoluene	5	4.809	-	3.8	20	107	0
4-Nitrophenol	0.192	0.202	-	-5.2	20	108	0
2,3,5,6-Tetrachlorophenol	0.365	0.48	-	-31.5*	20	144	0
2,3,4,6-Tetrachlorophenol	0.344	0.337	-	2	20	102	0
Diethyl phthalate	1.359	1.307	-	3.8	20	103	0
Fluorene	1.41	1.358	-	3.7	20	107	0
4-Chlorophenyl phenyl ethe	0.738	0.689	-	6.6	20	106	0
4-Nitroaniline	0.246	0.279	-	-13.4	20	114	0
4,6-Dinitro-o-cresol	5	4.31	-	13.8	20	107	0
NDPA/DPA	1.176	1.128	-	4.1	20	106	0
Azobenzene	1.121	1.165	-	-3.9	20	111	0
2,4,6-Tribromophenol	0.206	0.189	-	8.3	20	94	0
4-Bromophenyl phenyl ether	0.463	0.428	-	7.6	20	103	0
Hexachlorobenzene	0.543	0.486	-	10.5	20	103	0
Pentachlorophenol	0.282	0.257	-	8.9	20	98	0
IS1_Phenanthrene-d10	1	1	-	0	20	107	0
Phenanthrene	1.135	1.078	-	5	20	108	0
Anthracene	1.107	1.077	-	2.7	20	106	0
Carbazole	0.989	0.986	-	0.3	20	106	0
Di-n-butylphthalate	1.116	1.239	-	-11	20	119	0
Fluoranthene	1.298	1.268	-	2.3	20	108	0
Benzidine	0.704	0.746	-	-6	20	108	0
Pyrene	1.359	1.341	-	1.3	20	108	0
4-Terphenyl-d14	1.038	0.977	-	5.9	20	105	0
Butyl benzyl phthalate	5	4.197	-	16.1	20	103	0
IS1_Chrysene-d12	1	1	-	0	20	106	0
Benzo(a)anthracene	1.278	1.252	-	2	20	108	0
3,3'-Dichlorobenzidine	0.429	0.446	-	-4	20	103	0
Chrysene	1.267	1.184	-	6.6	20	105	0
Bis(2-ethylhexyl)phthalate	5	4.472	-	10.6	20	104	0
Di-n-octylphthalate	5	4.133	-	17.3	20	101	0
Benzo(b)fluoranthene	1.314	1.203	-	8.4	20	95	0
Benzo(k)fluoranthene	1.222	1.174	-	3.9	20	104	0
Benzo(a)pyrene	1.157	1.091	-	5.7	20	98	0
IS1_Perylene-d12	1	1	-	0	20	100	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:03
Lab File ID	: ABN0313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-3	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.068	1.126	-	-5.4	20	99	0
Dibenzo(a,h)anthracene	1.063	1.085	-	-2.1	20	99	0
Benzo(ghi)perylene	1.047	1.074	-	-2.6	20	101	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 11:27
Lab File ID	: AP90313	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040166-4	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
Benzaldehyde	0.954	0.85	-	10.9	20	91	0
Acetophenone	1.646	1.733	-	-5.3	20	105	0
m-Toluidine	1.514	1.529	-	-1	20	99	0
2-Chloroaniline	1.481	1.589	-	-7.3	20	109	0
IS2_Naphthalene-d8	1	1	-	0	20	101	0
a-Terpineol	0.275	0.308	-	-12	20	115	0
3-Chloroaniline	0.139	0.15	-	-7.9	20	108	0
2,6-Dichlorophenol	0.27	0.286	-	-5.9	20	110	0
1-chloro-2-nitrobenzene	0.108	0.125	-	-15.7	20	122	0
Caprolactam	0.165	0.174	-	-5.5	20	119	0
1,2,4,5-Tetrachlorobenzene	0.401	0.409	-	-2	20	108	0
Biphenyl	0.885	0.907	-	-2.5	20	109	0
IS2_Acenaphthene-d10	1	1	-	0	20	103	0
Dichloran	5	5.77	-	-15.4	20	129	0
Pentachloronitrobenzene	0.144	0.16	-	-11.1	20	124	0
IS2_Phenanthrene-d10	1	1	-	0	20	102	0
Diphenamid	0.413	0.458	-	-10.9	20	109	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV106**	**Calibration Date**	**: 03/13/25 11:50**
Lab File ID	**: ADP0313**	**Init. Calib. Date(s)**	**: 03/11/25 03/12/25**
Sample No	**: WG2040166-5**	**Init. Calib. Times**	**: 16:50 06:06**
Channel	**:**		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
1,4-Dioxane	0.548	0.453	-	17.3	20	98	0
n-Decane	1.7	1.615	-	5	20	104	0
IS3_Acenaphthene-d10	1	1	-	0	20	104	0
Atrazine	0.366	0.312	-	14.8	20	97	0
IS3_Phenanthrene-d10	1	1	-	0	20	104	0
n-Octadecane	0.458	0.45	-	1.7	20	107	0
Parathion	5	5.766	-	-15.3	20	122	0
3,3'-Dimethylbenzidine	5	4.306	-	13.9	20	101	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV106	Calibration Date	: 03/13/25 20:06
Lab File ID	: ABN0313N	Init. Calib. Date(s)	: 03/11/25 03/12/25
Sample No	: WG2040337-3	Init. Calib. Times	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
n-Nitrosodimethylamine	0.718	0.71	-	1.1	20	109	0
Pyridine	1.251	0.894	-	28.5*	20	83	0
2-Fluorophenol	1.128	1.033	-	8.4	20	100	0
Aniline	1.738	1.768	-	-1.7	20	105	0
2-Chlorophenol	1.218	1.182	-	3	20	106	0
Phenol-d6	1.323	1.261	-	4.7	20	104	0
Phenol	1.459	1.427	-	2.2	20	108	0
Bis(2-chloroethyl)ether	1.159	1.151	-	0.7	20	109	0
1,3-Dichlorobenzene	1.54	1.482	-	3.8	20	109	0
1,4-Dichlorobenzene	1.574	1.514	-	3.8	20	106	0
1,2-Dichlorobenzene	1.49	1.431	-	4	20	108	0
Benzyl alcohol	0.91	0.888	-	2.4	20	105	0
Bis(2-chloroisopropyl)ethe	2.704	3.038	-	-12.4	20	125	0
2-Methylphenol	1.283	1.23	-	4.1	20	108	0
Hexachloroethane	0.546	0.532	-	2.6	20	106	0
n-Nitrosodi-n-propylamine	0.855	0.834	-	2.5	20	106	0
3-Methylphenol/4-Methylphe	1.11	1.109	-	0.1	20	107	0
Nitrobenzene-d5	1.096	1.097	-	-0.1	20	107	0
Nitrobenzene	1.118	1.164	-	-4.1	20	110	0
Isophorone	2.296	2.233	-	2.7	20	105	0
2-Nitrophenol	0.509	0.506	-	0.6	20	106	0
2,4-Dimethylphenol	1.198	1.173	-	2.1	20	103	0
Bis(2-chloroethoxy)methane	1.639	1.494	-	8.8	20	109	0
2,4-Dichlorophenol	1.137	1.109	-	2.5	20	103	0
1,2,4-Trichlorobenzene	1.457	1.355	-	7	20	105	0
IS1_Naphthalene-d8	1	1	-	0	20	110	0
Naphthalene	1.066	1.02	-	4.3	20	110	0
Benzoic Acid	5	3.646	-	27.1*	20	105	0
4-Chloroaniline	0.132	0.129	-	2.3	20	107	0
Hexachlorobutadiene	0.244	0.224	-	8.2	20	103	0
p-Chloro-m-cresol	0.325	0.305	-	6.2	20	108	0
2-Methylnaphthalene	0.638	0.631	-	1.1	20	111	0
1-Methylnaphthalene	0.245	0.227	-	7.3	20	107	0
Hexachlorocyclopentadiene	0.3	0.261	-	13	20	96	0
2,4,6-Trichlorophenol	0.251	0.237	-	5.6	20	103	0
2,4,5-Trichlorophenol	0.255	0.242	-	5.1	20	101	0
2-Fluorobiphenyl	0.923	0.854	-	7.5	20	105	0
2-Chloronaphthalene	0.756	0.713	-	5.7	20	107	0
2-Nitroaniline	0.166	0.168	-	-1.2	20	106	0
1,4-Dinitrobenzene	5	4.237	-	15.3	20	90	0
1,3-Dinitrobenzene	0.104	0.098	-	5.8	20	108	0
Dimethyl phthalate	0.908	0.863	-	5	20	105	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 20:06
Lab File ID	: ABN0313N	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040337-3	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.201	1.138	-	5.2	20	106	0
2,6-Dinitrotoluene	0.151	0.171	-	-13.2	20	106	0
1,2-Dinitrobenzene	0.063	0.068	-	-7.9	20	107	0
IS1_Acenaphthene-d10	1	1	-	0	20	104	0
3-Nitroaniline	0.252	0.276	-	-9.5	20	108	0
Acenaphthene	1.101	1.036	-	5.9	20	105	0
2,4-Dinitrophenol	5	4.966	-	0.7	20	115	0
Dibenzofuran	1.914	1.752	-	8.5	20	108	0
2,4-Dinitrotoluene	5	4.745	-	5.1	20	103	0
4-Nitrophenol	0.192	0.203	-	-5.7	20	107	0
2,3,5,6-Tetrachlorophenol	0.365	0.477	-	-30.7*	20	140	0
2,3,4,6-Tetrachlorophenol	0.344	0.327	-	4.9	20	97	0
Diethyl phthalate	1.359	1.306	-	3.9	20	101	0
Fluorene	1.41	1.35	-	4.3	20	104	0
4-Chlorophenyl phenyl ethe	0.738	0.685	-	7.2	20	103	0
4-Nitroaniline	0.246	0.269	-	-9.3	20	107	0
4,6-Dinitro-o-cresol	5	4.234	-	15.3	20	103	0
NDPA/DPA	1.176	1.15	-	2.2	20	105	0
Azobenzene	1.121	1.187	-	-5.9	20	111	0
2,4,6-Tribromophenol	0.206	0.19	-	7.8	20	92	0
4-Bromophenyl phenyl ether	0.463	0.42	-	9.3	20	99	0
Hexachlorobenzene	0.543	0.495	-	8.8	20	103	0
Pentachlorophenol	0.282	0.26	-	7.8	20	97	0
IS1_Phenanthrene-d10	1	1	-	0	20	100	0
Phenanthrene	1.135	1.109	-	2.3	20	104	0
Anthracene	1.107	1.121	-	-1.3	20	104	0
Carbazole	0.989	1.015	-	-2.6	20	102	0
Di-n-butylphthalate	1.116	1.269	-	-13.7	20	114	0
Fluoranthene	1.298	1.312	-	-1.1	20	105	0
Benzidine	0.704	0.739	-	-5	20	100	0
Pyrene	1.359	1.38	-	-1.5	20	104	0
4-Terphenyl-d14	1.038	0.997	-	3.9	20	100	0
Butyl benzyl phthalate	5	4.169	-	16.6	20	95	0
IS1_Chrysene-d12	1	1	-	0	20	100	0
Benzo(a)anthracene	1.278	1.28	-	-0.2	20	105	0
3,3'-Dichlorobenzidine	0.429	0.442	-	-3	20	97	0
Chrysene	1.267	1.227	-	3.2	20	103	0
Bis(2-ethylhexyl)phthalate	5	4.433	-	11.3	20	98	0
Di-n-octylphthalate	5	4.064	-	18.7	20	94	0
Benzo(b)fluoranthene	1.314	1.271	-	3.3	20	95	0
Benzo(k)fluoranthene	1.222	1.168	-	4.4	20	98	0
Benzo(a)pyrene	1.157	1.111	-	4	20	94	0
IS1_Perylene-d12	1	1	-	0	20	95	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 20:06		
Lab File ID	: ABN0313N	**Init. Calib. Date(s)**	: 03/11/25	03/12/25	
Sample No	: WG2040337-3	**Init. Calib. Times**	: 16:50	06:06	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.068	1.136	-	-6.4	20	95	0
Dibenzo(a,h)anthracene	1.063	1.082	-	-1.8	20	94	0
Benzo(ghi)perylene	1.047	1.079	-	-3.1	20	97	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV106	**Calibration Date**	: 03/13/25 20:29
Lab File ID	: AP90313N	**Init. Calib. Date(s)**	: 03/11/25 03/12/25
Sample No	: WG2040337-4	**Init. Calib. Times**	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	113	0
Benzaldehyde	0.954	0.82	-	14	20	98	0
Acetophenone	1.646	1.605	-	2.5	20	109	0
m-Toluidine	1.514	1.411	-	6.8	20	102	0
2-Chloroaniline	1.481	1.498	-	-1.1	20	115	0
IS2_Naphthalene-d8	1	1	-	0	20	109	0
a-Terpineol	0.275	0.303	-	-10.2	20	121	0
3-Chloroaniline	0.139	0.144	-	-3.6	20	112	0
2,6-Dichlorophenol	0.27	0.28	-	-3.7	20	116	0
1-chloro-2-nitrobenzene	0.108	0.124	-	-14.8	20	129	0
Caprolactam	0.165	0.162	-	1.8	20	119	0
1,2,4,5-Tetrachlorobenzene	0.401	0.398	-	0.7	20	114	0
Biphenyl	0.885	0.888	-	-0.3	20	115	0
IS2_Acenaphthene-d10	1	1	-	0	20	112	0
Dichloran	5	5.584	-	-11.7	20	135	0
Pentachloronitrobenzene	0.144	0.152	-	-5.6	20	129	0
IS2_Phenanthrene-d10	1	1	-	0	20	111	0
Diphenamid	0.413	0.434	-	-5.1	20	113	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**		
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**		
Instrument ID	**: SV106**	**Calibration Date**	**: 03/13/25 20:53**		
Lab File ID	**: ADP0313N**	**Init. Calib. Date(s)**	**: 03/11/25**	**03/12/25**	
Sample No	**: WG2040337-5**	**Init. Calib. Times**	**: 16:50**	**06:06**	
Channel	**:**				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	108	0
1,4-Dioxane	0.548	0.468	-	14.6	20	108	0
n-Decane	1.7	1.589	-	6.5	20	109	0
IS3_Acenaphthene-d10	1	1	-	0	20	106	0
Atrazine	0.366	0.303	-	17.2	20	96	0
IS3_Phenanthrene-d10	1	1	-	0	20	106	0
n-Octadecane	0.458	0.444	-	3.1	20	107	0
Parathion	5	5.536	-	-10.7	20	118	0
3,3'-Dimethylbenzidine	5	4.314	-	13.7	20	103	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: DAKOTA	**Calibration Date**	: 03/14/25 08:50
Lab File ID	: ABN0314	**Init. Calib. Date(s)**	: 11/05/24 11/06/24
Sample No	: WG2040571-3	**Init. Calib. Times**	: 16:59 04:17
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	75	0
n-Nitrosodimethylamine	0.63	0.613	-	2.7	20	74	0
Pyridine	0.954	0.791	-	17.1	20	58	0
2-Fluorophenol	1.028	0.991	-	3.6	20	74	0
Aniline	1.567	1.621	-	-3.4	20	79	0
2-Chlorophenol	1.225	1.221	-	0.3	20	76	0
Phenol-d6	1.317	1.293	-	1.8	20	76	0
Phenol	1.421	1.406	-	1.1	20	76	0
Bis(2-chloroethyl)ether	1.017	0.985	-	3.1	20	75	0
1,3-Dichlorobenzene	1.577	1.449	-	8.1	20	72	0
1,4-Dichlorobenzene	1.61	1.454	-	9.7	20	71	0
1,2-Dichlorobenzene	1.534	1.425	-	7.1	20	73	0
Benzyl alcohol	0.93	0.96	-	-3.2	20	79	0
Bis(2-chloroisopropyl)ethe	1.794	1.862	-	-3.8	20	82	0
2-Methylphenol	1.079	1.065	-	1.3	20	79	0
Hexachloroethane	0.589	0.53	-	10	20	73	0
n-Nitrosodi-n-propylamine	0.863	0.832	-	3.6	20	77	0
3-Methylphenol/4-Methylphe	1.182	1.155	-	2.3	20	78	0
Nitrobenzene-d5	1.195	1.278	-	-6.9	20	81	0
Nitrobenzene	1.222	1.311	-	-7.3	20	82	0
Isophorone	2.247	2.266	-	-0.8	20	78	0
2-Nitrophenol	0.619	0.692	-	-11.8	20	87	0
2,4-Dimethylphenol	1.101	1.266	-	-15	20	89	0
Bis(2-chloroethoxy)methane	1.4	1.393	-	0.5	20	77	0
2,4-Dichlorophenol	1.285	1.307	-	-1.7	20	79	0
1,2,4-Trichlorobenzene	1.555	1.459	-	6.2	20	74	0
IS1_Naphthalene-d8	1	1	-	0	20	79	0
Naphthalene	1.1	0.999	-	9.2	20	77	0
Benzoic Acid	0.228	0.185	-	18.9	20	71	0
4-Chloroaniline	0.121	0.121	-	0	20	81	0
Hexachlorobutadiene	0.258	0.238	-	7.8	20	75	0
p-Chloro-m-cresol	0.29	0.284	-	2.1	20	80	0
2-Methylnaphthalene	0.761	0.665	-	12.6	20	75	0
1-Methylnaphthalene	0.242	0.247	-	-2.1	20	84	0
Hexachlorocyclopentadiene	0.272	0.278	-	-2.2	20	81	0
2,4,6-Trichlorophenol	0.287	0.278	-	3.1	20	79	0
2,4,5-Trichlorophenol	0.32	0.303	-	5.3	20	79	0
2-Fluorobiphenyl	0.99	0.898	-	9.3	20	78	0
2-Chloronaphthalene	0.852	0.782	-	8.2	20	77	0
2-Nitroaniline	0.218	0.219	-	-0.5	20	80	0
1,4-Dinitrobenzene	0.095	0.104	-	-9.5	20	87	0
1,3-Dinitrobenzene	0.113	0.119	-	-5.3	20	82	0
Dimethyl phthalate	0.991	0.915	-	7.7	20	78	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: DAKOTA	Calibration Date	: 03/14/25 08:50
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 11/05/24 11/06/24
Sample No	: WG2040571-3	Init. Calib. Times	: 16:59 04:17
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.252	1.269	-	-1.4	20	85	0
2,6-Dinitrotoluene	0.185	0.186	-	-0.5	20	79	0
1,2-Dinitrobenzene	0.066	0.073	-	-10.6	20	82	0
IS1_Acenaphthene-d10	1	1	-	0	20	84	0
3-Nitroaniline	0.309	0.306	-	1	20	83	0
Acenaphthene	1.163	1.006	-	13.5	20	79	0
2,4-Dinitrophenol	5	2.88	-	42.4*	20	48	0
Dibenzofuran	2.006	1.725	-	14	20	79	0
2,4-Dinitrotoluene	0.387	0.402	-	-3.9	20	84	0
4-Nitrophenol	0.23	0.278	-	-20.9*	20	100	0
2,3,5,6-Tetrachlorophenol	0.436	0.377	-	13.5	20	74	0
2,3,4,6-Tetrachlorophenol	0.428	0.385	-	10	20	78	0
Diethyl phthalate	1.575	1.361	-	13.6	20	80	0
Fluorene	1.536	1.37	-	10.8	20	81	0
4-Chlorophenyl phenyl ethe	0.792	0.687	-	13.3	20	80	0
4-Nitroaniline	0.299	0.317	-	-6	20	85	0
4,6-Dinitro-o-cresol	0.234	0.213	-	9	20	74	0
NDPA/DPA	1.337	1.196	-	10.5	20	82	0
Azobenzene	1.281	1.252	-	2.3	20	86	0
2,4,6-Tribromophenol	0.286	0.24	-	16.1	20	74	0
4-Bromophenyl phenyl ether	0.522	0.432	-	17.2	20	76	0
Hexachlorobenzene	0.656	0.538	-	18	20	77	0
Pentachlorophenol	0.356	0.279	-	21.6*	20	66	0
IS1_Phenanthrene-d10	1	1	-	0	20	86	0
Phenanthrene	1.183	1.021	-	13.7	20	81	0
Anthracene	1.16	1.048	-	9.7	20	83	0
Carbazole	1.064	1.002	-	5.8	20	84	0
Di-n-butylphthalate	1.207	1.114	-	7.7	20	81	0
Fluoranthene	1.422	1.312	-	7.7	20	85	0
Benzidine	0.772	0.844	-	-9.3	20	90	0
Pyrene	1.52	1.42	-	6.6	20	85	0
4-Terphenyl-d14	1.157	1.06	-	8.4	20	85	0
Butyl benzyl phthalate	0.517	0.539	-	-4.3	20	89	0
IS1_Chrysene-d12	1	1	-	0	20	92	0
Benzo(a)anthracene	1.355	1.209	-	10.8	20	88	0
3,3'-Dichlorobenzidine	0.505	0.479	-	5.1	20	87	0
Chrysene	1.349	1.183	-	12.3	20	88	0
Bis(2-ethylhexyl)phthalate	0.726	0.696	-	4.1	20	87	0
Di-n-octylphthalate	1.212	1.21	-	0.2	20	91	0
Benzo(b)fluoranthene	1.42	1.321	-	7	20	92	0
Benzo(k)fluoranthene	1.383	1.281	-	7.4	20	87	0
Benzo(a)pyrene	1.267	1.24	-	2.1	20	92	0
IS1_Perylene-d12	1	1	-	0	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**	
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**	
Instrument ID	**: DAKOTA**	**Calibration Date**	**: 03/14/25 08:50**	
Lab File ID	**: ABN0314**	**Init. Calib. Date(s)**	**: 11/05/24**	**11/06/24**
Sample No	**: WG2040571-3**	**Init. Calib. Times**	**: 16:59**	**04:17**
Channel	**:**			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.234	1.147	-	7.1	20	91	0
Dibenzo(a,h)anthracene	1.213	1.177	-	3	20	93	0
Benzo(ghi)perylene	1.192	1.166	-	2.2	20	97	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: DAKOTA	**Calibration Date**	: 03/14/25 09:13		
Lab File ID	: AP90314	**Init. Calib. Date(s)**	: 11/05/24	11/06/24	
Sample No	: WG2040571-4	**Init. Calib. Times**	: 16:59	04:17	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	76	0
Benzaldehyde	0.703	0.773	-	-10	20	77	0
Acetophenone	1.403	1.652	-	-17.7	20	85	0
m-Toluidine	1.287	1.448	-	-12.5	20	83	0
2-Chloroaniline	1.368	1.573	-	-15	20	83	0
IS2_Naphthalene-d8	1	1	-	0	20	82	0
a-Terpineol	0.221	0.264	-	-19.5	20	92	0
3-Chloroaniline	0.115	0.135	-	-17.4	20	89	0
2,6-Dichlorophenol	0.296	0.355	-	-19.9	20	92	0
1-chloro-2-nitrobenzene	0.113	0.136	-	-20.4*	20	89	0
Caprolactam	0.123	0.149	-	-21.1*	20	96	0
1,2,4,5-Tetrachlorobenzene	0.413	0.427	-	-3.4	20	80	0
Biphenyl	0.842	0.927	-	-10.1	20	85	0
IS2_Acenaphthene-d10	1	1	-	0	20	84	0
Dichloran	0.169	0.183	-	-8.3	20	93	0
Pentachloronitrobenzene	0.187	0.206	-	-10.2	20	96	0
IS2_Phenanthrene-d10	1	1	-	0	20	87	0
Diphenamid	0.416	0.471	-	-13.2	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: DAKOTA**	**Calibration Date**	**: 03/14/25 09:35**
Lab File ID	**: ADP0314**	**Init. Calib. Date(s)**	**: 11/05/24 11/06/24**
Sample No	**: WG2040571-5**	**Init. Calib. Times**	**: 16:59 04:17**
Channel	**:**		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	78	0
1,4-Dioxane	0.381	0.391	-	-2.6	20	76	0
n-Decane	1.048	1.143	-	-9.1	20	82	0
IS3_Acenaphthene-d10	1	1	-	0	20	90	0
Atrazine	0.343	0.359	-	-4.7	20	94	0
IS3_Phenanthrene-d10	1	1	-	0	20	92	0
n-Octadecane	0.334	0.363	-	-8.7	20	101	0
Parathion	5	4.955	-	0.9	20	103	0
3,3'-Dimethylbenzidine	5	5.123	-	-2.5	20	108	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:12
Lab File ID	: ABN0314	Init. Calib. Date(s)	: 03/13/25 03/14/25
Sample No	: WG2040646-3	Init. Calib. Times	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0
n-Nitrosodimethylamine	0.695	0.709	-	-2	20	99	0
Pyridine	1.215	0.821	-	32.4*	20	68	0
2-Fluorophenol	1.083	0.988	-	8.8	20	91	0
Aniline	1.77	1.822	-	-2.9	20	97	0
2-Chlorophenol	1.247	1.175	-	5.8	20	96	0
Phenol-d6	1.35	1.264	-	6.4	20	94	0
Phenol	1.592	1.552	-	2.5	20	98	0
Bis(2-chloroethyl)ether	1.152	1.144	-	0.7	20	99	0
1,3-Dichlorobenzene	1.473	1.44	-	2.2	20	102	0
1,4-Dichlorobenzene	1.525	1.459	-	4.3	20	99	0
1,2-Dichlorobenzene	1.463	1.403	-	4.1	20	101	0
Benzyl alcohol	0.972	0.986	-	-1.4	20	103	0
Bis(2-chloroisopropyl)ethe	1.674	1.686	-	-0.7	20	104	0
2-Methylphenol	1.055	1.059	-	-0.4	20	100	0
Hexachloroethane	0.561	0.547	-	2.5	20	102	0
n-Nitrosodi-n-propylamine	0.904	0.867	-	4.1	20	97	0
3-Methylphenol/4-Methylphe	1.169	1.146	-	2	20	102	0
Nitrobenzene-d5	1.275	1.235	-	3.1	20	97	0
Nitrobenzene	1.302	1.299	-	0.2	20	100	0
Isophorone	2.405	2.375	-	1.2	20	99	0
2-Nitrophenol	0.593	0.57	-	3.9	20	94	0
2,4-Dimethylphenol	1.237	1.249	-	-1	20	101	0
Bis(2-chloroethoxy)methane	1.616	1.575	-	2.5	20	103	0
2,4-Dichlorophenol	1.135	1.134	-	0.1	20	99	0
1,2,4-Trichlorobenzene	1.44	1.377	-	4.4	20	101	0
IS1_Naphthalene-d8	1	1	-	0	20	102	0
Naphthalene	1.025	0.986	-	3.8	20	102	0
Benzoic Acid	5	2.65	-	47*	20	57	0
4-Chloroaniline	0.128	0.123	-	3.9	20	96	0
Hexachlorobutadiene	0.261	0.247	-	5.4	20	101	0
p-Chloro-m-cresol	0.287	0.282	-	1.7	20	100	0
2-Methylnaphthalene	0.638	0.636	-	0.3	20	106	0
1-Methylnaphthalene	0.244	0.239	-	2	20	103	0
Hexachlorocyclopentadiene	0.315	0.299	-	5.1	20	98	0
2,4,6-Trichlorophenol	0.27	0.258	-	4.4	20	99	0
2,4,5-Trichlorophenol	0.273	0.279	-	-2.2	20	101	0
2-Fluorobiphenyl	0.916	0.868	-	5.2	20	101	0
2-Chloronaphthalene	0.748	0.727	-	2.8	20	102	0
2-Nitroaniline	0.202	0.199	-	1.5	20	98	0
1,4-Dinitrobenzene	0.11	0.101	-	8.2	20	94	0
1,3-Dinitrobenzene	0.123	0.121	-	1.6	20	99	0
Dimethyl phthalate	0.959	0.941	-	1.9	20	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV112	**Calibration Date**	: 03/14/25 11:12
Lab File ID	: ABN0314	**Init. Calib. Date(s)**	: 03/13/25 03/14/25
Sample No	: WG2040646-3	**Init. Calib. Times**	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.213	1.204	-	0.7	20	101	0
2,6-Dinitrotoluene	0.176	0.177	-	-0.6	20	95	0
1,2-Dinitrobenzene	0.081	0.079	-	2.5	20	98	0
IS1_Acenaphthene-d10	1	1	-	0	20	102	0
3-Nitroaniline	0.309	0.308	-	0.3	20	100	0
Acenaphthene	1.072	1.036	-	3.4	20	104	0
2,4-Dinitrophenol	5	3.938	-	21.2*	20	92	0
Dibenzofuran	1.844	1.778	-	3.6	20	105	0
2,4-Dinitrotoluene	0.402	0.402	-	0	20	100	0
4-Nitrophenol	0.229	0.243	-	-6.1	20	100	0
2,3,5,6-Tetrachlorophenol	0.392	0.386	-	1.5	20	96	0
2,3,4,6-Tetrachlorophenol	0.4	0.389	-	2.8	20	98	0
Diethyl phthalate	1.497	1.47	-	1.8	20	103	0
Fluorene	1.449	1.381	-	4.7	20	102	0
4-Chlorophenyl phenyl ethe	0.764	0.744	-	2.6	20	107	0
4-Nitroaniline	0.322	0.316	-	1.9	20	97	0
4,6-Dinitro-o-cresol	0.234	0.225	-	3.8	20	95	0
NDPA/DPA	1.191	1.198	-	-0.6	20	104	0
Azobenzene	1.339	1.371	-	-2.4	20	104	0
2,4,6-Tribromophenol	0.241	0.23	-	4.6	20	103	0
4-Bromophenyl phenyl ether	0.498	0.461	-	7.4	20	102	0
Hexachlorobenzene	0.586	0.564	-	3.8	20	108	0
Pentachlorophenol	0.315	0.324	-	-2.9	20	99	0
IS1_Phenanthrene-d10	1	1	-	0	20	102	0
Phenanthrene	1.091	1.047	-	4	20	106	0
Anthracene	1.047	1.063	-	-1.5	20	106	0
Carbazole	0.974	0.978	-	-0.4	20	104	0
Di-n-butylphthalate	1.09	1.098	-	-0.7	20	101	0
Fluoranthene	1.279	1.308	-	-2.3	20	106	0
Benzidine	0.692	0.793	-	-14.6	20	110	0
Pyrene	1.335	1.407	-	-5.4	20	107	0
4-Terphenyl-d14	1.046	1.047	-	-0.1	20	104	0
Butyl benzyl phthalate	0.474	0.476	-	-0.4	20	105	0
IS1_Chrysene-d12	1	1	-	0	20	105	0
Benzo(a)anthracene	1.245	1.245	-	0	20	108	0
3,3'-Dichlorobenzidine	0.447	0.443	-	0.9	20	102	0
Chrysene	1.192	1.189	-	0.3	20	109	0
Bis(2-ethylhexyl)phthalate	0.622	0.654	-	-5.1	20	105	0
Di-n-octylphthalate	0.994	1.047	-	-5.3	20	104	0
Benzo(b)fluoranthene	1.202	1.293	-	-7.6	20	105	0
Benzo(k)fluoranthene	1.2	1.143	-	4.7	20	105	0
Benzo(a)pyrene	1.127	1.129	-	-0.2	20	104	0
IS1_Perylene-d12	1	1	-	0	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV112**	**Calibration Date**	**: 03/14/25 11:12**
Lab File ID	**: ABN0314**	**Init. Calib. Date(s)**	**: 03/13/25 03/14/25**
Sample No	**: WG2040646-3**	**Init. Calib. Times**	**: 13:47 00:48**
Channel	**:**		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.096	1.058	-	3.5	20	107	0
Dibenzo(a,h)anthracene	1.063	1.07	-	-0.7	20	106	0
Benzo(ghi)perylene	1.099	1.095	-	0.4	20	108	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV112	Calibration Date	: 03/14/25 11:34
Lab File ID	: AP90314	Init. Calib. Date(s)	: 03/13/25 03/14/25
Sample No	: WG2040646-4	Init. Calib. Times	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
Benzaldehyde	0.954	0.84	-	11.9	20	88	0
Acetophenone	1.731	1.691	-	2.3	20	103	0
m-Toluidine	1.562	1.487	-	4.8	20	94	0
2-Chloroaniline	1.509	1.54	-	-2.1	20	103	0
IS2_Naphthalene-d8	1	1	-	0	20	98	0
a-Terpineol	0.253	0.273	-	-7.9	20	108	0
3-Chloroaniline	0.13	0.142	-	-9.2	20	96	0
2,6-Dichlorophenol	0.285	0.302	-	-6	20	107	0
1-chloro-2-nitrobenzene	0.138	0.137	-	0.7	20	100	0
Caprolactam	5	4.436	-	11.3	20	103	0
1,2,4,5-Tetrachlorobenzene	0.438	0.442	-	-0.9	20	100	0
Biphenyl	0.89	0.934	-	-4.9	20	105	0
IS2_Acenaphthene-d10	1	1	-	0	20	99	0
Dichloran	0.183	0.175	-	4.4	20	103	0
Pentachloronitrobenzene	0.195	0.208	-	-6.7	20	105	0
IS2_Phenanthrene-d10	1	1	-	0	20	97	0
Diphenamid	0.446	0.475	-	-6.5	20	106	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV112	**Calibration Date**	: 03/14/25 11:57
Lab File ID	: ADP0314	**Init. Calib. Date(s)**	: 03/13/25 03/14/25
Sample No	: WG2040646-5	**Init. Calib. Times**	: 13:47 00:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
1,4-Dioxane	0.481	0.469	-	2.5	20	107	0
n-Decane	1.328	1.241	-	6.6	20	100	0
IS3_Acenaphthene-d10	1	1	-	0	20	101	0
Atrazine	0.47	0.4	-	14.9	20	94	0
IS3_Phenanthrene-d10	1	1	-	0	20	104	0
n-Octadecane	0.389	0.361	-	7.2	20	105	0
Parathion	5	4.815	-	3.7	20	98	0
3,3'-Dimethylbenzidine	5	4.271	-	14.6	20	101	0

*** Value outside of QC limits.**

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250314RVT\
Data File : ABN0314.D
Acq On : 14 Mar 2025 11:12 am
Operator : SV112:jg
Sample : WG2040646-3,32,,ABN 11297 gmr0304C
Misc : WG2040646,,ical22084
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 14 11:37:11 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:38:03 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	100	0.00
2	T	n-Nitrosodimethylamine		0.695	0.709	-2.0	99	0.00
3	T	Pyridine		1.215	0.821	32.4#	68	0.00
4	S	2-Fluorophenol		1.083	0.988	8.8	91	0.00
5	T	Aniline		1.770	1.822	-2.9	97	0.00
6	T	2-Chlorophenol		1.247	1.175	5.8	96	0.00
7	S	Phenol-d6		1.350	1.264	6.4	94	0.00
8	T	Phenol		1.592	1.552	2.5	98	0.00
9	T	Bis(2-chloroethyl)ether		1.152	1.144	0.7	99	0.00
10	T	1,3-Dichlorobenzene		1.473	1.440	2.2	102	0.00
11	T	1,4-Dichlorobenzene		1.525	1.459	4.3	99	0.00
12	T	1,2-Dichlorobenzene		1.463	1.403	4.1	101	0.00
13	T	Benzyl alcohol		0.972	0.986	-1.4	103	0.00
14	T	Bis(2-chloroisopropyl)ether		1.674	1.686	-0.7	104	0.00
15	T	2-Methylphenol		1.055	1.059	-0.4	100	0.00
16	T	Hexachloroethane		0.561	0.547	2.5	102	0.00
17	T	n-Nitrosodi-n-propylamine		0.904	0.867	4.1	97	0.00
18	T	3-Methylphenol/4-Methylphen		1.169	1.146	2.0	102	0.00
19	S	Nitrobenzene-d5		1.275	1.235	3.1	97	0.00
20	T	Nitrobenzene		1.302	1.299	0.2	100	0.00
21	T	Isophorone		2.405	2.375	1.2	99	0.00
22	T	2-Nitrophenol		0.593	0.570	3.9	94	0.00
23	T	2,4-Dimethylphenol		1.237	1.249	-1.0	101	0.00
24	T	Bis(2-chloroethoxy)methane		1.616	1.575	2.5	103	0.00
25	T	2,4-Dichlorophenol		1.135	1.134	0.1	99	0.00
26	T	1,2,4-Trichlorobenzene		1.440	1.377	4.4	101	0.00
35	I	IS1_Naphthalene-d8		1.000	1.000	0.0	102	0.00
36	T	Naphthalene		1.025	0.986	3.8	102	0.00
37	T	Benzoic Acid	*	5.000	2.650	47.0#	57	0.00
38	T	4-Chloroaniline		0.128	0.123	3.9	96	0.00
39	T	Hexachlorobutadiene		0.261	0.247	5.4	101	0.00
40	T	p-Chloro-m-cresol		0.287	0.282	1.7	100	0.00
41	T	2-Methylnaphthalene		0.638	0.636	0.3	106	0.00
42	T	1-Methylnaphthalene		0.244	0.239	2.0	103	0.00
43	T	Hexachlorocyclopentadiene		0.315	0.299	5.1	98	0.00
44	T	2,4,6-Trichlorophenol		0.270	0.258	4.4	99	0.00
45	T	2,4,5-Trichlorophenol		0.273	0.279	-2.2	101	0.00
46	S	2-Fluorobiphenyl		0.916	0.868	5.2	101	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250314RVT\
Data File : ABN0314.D
Acq On : 14 Mar 2025 11:12 am
Operator : SV112:jg
Sample : WG2040646-3,32,,ABN 11297 gmr0304C
Misc : WG2040646,,ical22084
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 14 11:37:11 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:38:03 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.748	0.727	2.8	102	0.00
48	T	2-Nitroaniline		0.202	0.199	1.5	98	0.00
49	T	1,4-Dinitrobenzene		0.110	0.101	8.2	94	0.00
50	T	1,3-Dinitrobenzene		0.123	0.121	1.6	99	0.00
51	T	Dimethyl phthalate		0.959	0.941	1.9	103	0.00
52	T	Acenaphthylene		1.213	1.204	0.7	101	0.00
53	T	2,6-Dinitrotoluene		0.176	0.177	-0.6	95	0.00
54	T	1,2-Dinitrobenzene		0.081	0.079	2.5	98	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	102	0.00
64	T	3-Nitroaniline		0.309	0.308	0.3	100	0.00
65	T	Acenaphthene		1.072	1.036	3.4	104	0.00
66	T	2,4-Dinitrophenol	*	5.000	3.938	21.2#	92	0.00
67	T	Dibenzofuran		1.844	1.778	3.6	105	0.00
68	T	2,4-Dinitrotoluene		0.402	0.402	0.0	100	0.00
69	T	4-Nitrophenol		0.229	0.243	-6.1	100	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.392	0.386	1.5	96	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.400	0.389	2.8	98	0.00
72	T	Diethyl phthalate		1.497	1.470	1.8	103	0.00
73	T	Fluorene		1.449	1.381	4.7	102	0.00
74	T	4-Chlorophenyl phenyl ether		0.764	0.744	2.6	107	0.00
75	T	4-Nitroaniline		0.322	0.316	1.9	97	0.00
76	T	4,6-Dinitro-o-cresol		0.234	0.225	3.8	95	0.00
77	T	NDPA/DPA		1.191	1.198	-0.6	104	0.00
78	T	Azobenzene		1.339	1.371	-2.4	104	0.00
79	S	2,4,6-Tribromophenol		0.241	0.230	4.6	103	0.00
80	T	4-Bromophenyl phenyl ether		0.498	0.461	7.4	102	0.00
81	T	Hexachlorobenzene		0.586	0.564	3.8	108	0.00
82	T	Pentachlorophenol		0.315	0.324	-2.9	99	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	102	0.00
89	T	Phenanthrene		1.091	1.047	4.0	106	0.00
90	T	Anthracene		1.047	1.063	-1.5	106	0.00
91	T	Carbazole		0.974	0.978	-0.4	104	0.00
92	T	Di-n-butylphthalate		1.090	1.098	-0.7	101	0.00
93	T	Fluoranthene		1.279	1.308	-2.3	106	0.00
94	T	Benzidine		0.692	0.793	-14.6	110	0.00
95	T	Pyrene		1.335	1.407	-5.4	107	0.00
96	S	4-Terphenyl-d14		1.046	1.047	-0.1	104	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250314RVT\
Data File : ABN0314.D
Acq On   : 14 Mar 2025 11:12 am
Operator : SV112:jg
Sample   : WG2040646-3,32,,ABN 11297 gmr0304C
Misc   : WG2040646,,ical22084
ALS Vial : 142   Sample Multiplier: 1

Quant Time: Mar 14 11:37:11 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:38:03 2025
Response via : Initial Calibration

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.474	0.476	-0.4	105	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	105	0.00
105	T	Benzo(a)anthracene	1.245	1.245	0.0	108	0.00
106	T	3,3'-Dichlorobenzidine	0.447	0.443	0.9	102	0.00
107	T	Chrysene	1.192	1.189	0.3	109	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.622	0.654	-5.1	105	0.00
109	T	Di-n-octylphthalate	0.994	1.047	-5.3	104	0.00
110	T	Benzo(b)fluoranthene	1.202	1.293	-7.6	105	0.00
111	T	Benzo(k)fluoranthene	1.200	1.143	4.7	105	0.00
112	T	Benzo(a)pyrene	1.127	1.129	-0.2	104	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	104	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.096	1.058	3.5	107	0.00
115	T	Dibenzo(a,h)anthracene	1.063	1.070	-0.7	106	0.00
116	T	Benzo(ghi)perylene	1.099	1.095	0.4	108	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range   SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : ABN0314.D
Acq On : 14 Mar 2025 11:12 am
Operator : SV112:jg
Sample : WG2040646-3,32,,ABN 11297 gmr0304C
Misc : WG2040646,,ical22084
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 14 11:37:11 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:38:03 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.828	152	23346	4.000	ug/ml	0.00
35) IS1_Naphthalene-d8	6.063	136	88853	4.000	ug/ml	0.00
63) IS1_Acenaphthene-d10	7.763	164	57480	4.000	ug/ml	0.00
88) IS1_Phenanthrene-d10	9.193	188	125165	4.000	ug/ml	# 0.00
104) IS1_Chrysene-d12	11.828	240	148065	4.000	ug/ml	# 0.00
113) IS1_Perylene-d12	13.293	264	159699	4.000	ug/ml	0.00

System Monitoring Compounds

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	3.564	112	28841	4.565	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	228.25%#		
7) Phenol-d6	4.499	99	36894	4.681	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	234.05%#		
19) Nitrobenzene-d5	5.369	82	36031	4.841	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	484.10%#		
46) 2-Fluorobiphenyl	7.128	172	96394	4.737	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	473.70%#		
79) 2,4,6-Tribromophenol	8.528	330	16558	4.773	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	238.65%#		
96) 4-Terphenyl-d14	10.769	244	163823	5.005	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	500.50%#		

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	2.199	74	20692	5.098	ug/ml#	86
3) Pyridine	2.240	79	23960	3.378	ug/ml	90
5) Aniline	4.511	93	53172	5.146	ug/ml#	49
6) 2-Chlorophenol	4.622	128	34301	4.712	ug/ml	97
8) Phenol	4.511	94	45294	4.875	ug/ml#	41
9) Bis(2-chloroethyl)ether	4.587	93	33371	4.962	ug/ml	98
10) 1,3-Dichlorobenzene	4.775	146	42022	4.889	ug/ml	97
11) 1,4-Dichlorobenzene	4.846	146	42570	4.783	ug/ml	96
12) 1,2-Dichlorobenzene	4.993	146	40943	4.796	ug/ml	97
13) Benzyl alcohol	4.975	79	28772	5.071	ug/ml	97
14) Bis(2-chloroisopropyl)...	5.122	45	49188	5.036	ug/ml#	67
15) 2-Methylphenol	5.099	108	30912	5.019	ug/ml	97
16) Hexachloroethane	5.322	117	15951	4.874	ug/ml#	65
17) n-Nitrosodi-n-propylamine	5.246	70	25313	4.796	ug/ml	94
18) 3-Methylphenol/4-Methy...	5.258	108	33439	4.901	ug/ml	98
20) Nitrobenzene	5.387	77	37894	4.987	ug/ml	96
21) Isophorone	5.628	82	69299	4.937	ug/ml	99
22) 2-Nitrophenol	5.699	139	16644	4.807	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : ABN0314.D
Acq On : 14 Mar 2025 11:12 am
Operator : SV112:jg
Sample : WG2040646-3,32,,ABN 11297 gmr0304C
Misc : WG2040646,,ical22084
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 14 11:37:11 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:38:03 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	5.769	107	36450	5.048	ug/ml	97
24) Bis(2-chloroethoxy)met...	5.858	93	45962	4.873	ug/ml#	97
25) 2,4-Dichlorophenol	5.940	162	33085	4.996	ug/ml	95
26) 1,2,4-Trichlorobenzene	6.016	180	40189	4.783	ug/ml	97
36) Naphthalene	6.081	128	109525	4.809	ug/ml	99
37) Benzoic Acid	5.828	105	12022	2.650	ug/ml	93
38) 4-Chloroaniline	6.146	65	13713	4.829	ug/ml	98
39) Hexachlorobutadiene	6.228	225	27412	4.723	ug/ml	99
40) p-Chloro-m-cresol	6.640	107	31327	4.916	ug/ml	96
41) 2-Methylnaphthalene	6.758	142	70691	4.986	ug/ml	99
42) 1-Methylnaphthalene	6.852	115	26544	4.901	ug/ml	99
43) Hexachlorocyclopentadiene	6.928	237	33162	4.743	ug/ml	99
44) 2,4,6-Trichlorophenol	7.046	196	28682	4.782	ug/ml	98
45) 2,4,5-Trichlorophenol	7.069	196	31035	5.123	ug/ml	97
47) 2-Chloronaphthalene	7.228	162	80771	4.862	ug/ml	93
48) 2-Nitroaniline	7.334	138	22147	4.941	ug/ml	96
49) 1,4-Dinitrobenzene	7.463	168	11178	4.554	ug/ml	95
50) 1,3-Dinitrobenzene	7.540	168	13435	4.922	ug/ml	89
51) Dimethyl phthalate	7.534	163	104524	4.904	ug/ml	100
52) Acenaphthylene	7.622	152	133738	4.963	ug/ml	99
53) 2,6-Dinitrotoluene	7.575	165	19675	5.045	ug/ml	99
54) 1,2-Dinitrobenzene	7.616	168	8782	4.855	ug/ml#	1
64) 3-Nitroaniline	7.728	138	22129	4.989	ug/ml	97
65) Acenaphthene	7.793	154	74404	4.829	ug/ml	97
66) 2,4-Dinitrophenol	7.828	184	10874	3.938	ug/ml#	85
67) Dibenzofuran	7.963	168	127716	4.819	ug/ml	91
68) 2,4-Dinitrotoluene	7.963	165	28872	5.001	ug/ml	93
69) 4-Nitrophenol	7.910	65	17425	5.287	ug/ml	98
70) 2,3,5,6-Tetrachlorophenol	8.052	232	27713	4.917	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	8.093	232	27957	4.866	ug/ml	99
72) Diethyl phthalate	8.222	149	105634	4.910	ug/ml	97
73) Fluorene	8.293	166	99223	4.765	ug/ml	97
74) 4-Chlorophenyl phenyl ...	8.310	204	53428	4.864	ug/ml#	82
75) 4-Nitroaniline	8.316	138	22682	4.907	ug/ml	94
76) 4,6-Dinitro-o-cresol	8.352	198	16188	4.818	ug/ml#	79
77) NDPA/DPA	8.422	169	86065	5.030	ug/ml	95
78) Azobenzene	8.457	77	98527	5.122	ug/ml	94
80) 4-Bromophenyl phenyl e...	8.781	248	33157	4.637	ug/ml#	81
81) Hexachlorobenzene	8.834	284	40548	4.819	ug/ml#	86
82) Pentachlorophenol	9.022	266	23268	5.140	ug/ml	98
89) Phenanthrene	9.216	178	163772	4.799	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : ABN0314.D
Acq On : 14 Mar 2025 11:12 am
Operator : SV112:jg
Sample : WG2040646-3,32,,ABN 11297 gmr0304C
Misc : WG2040646,,ical22084
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Mar 14 11:37:11 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:38:03 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Anthracene	9.263	178	166349	5.078	ug/ml	99
91) Carbazole	9.428	167	152973	5.022	ug/ml	98
92) Di-n-butylphthalate	9.810	149	171847	5.037	ug/ml	100
93) Fluoranthene	10.363	202	204596M3	5.111	ug/ml	
94) Benzidine	10.516	184	124070	5.728	ug/ml#	97
95) Pyrene	10.581	202	220163	5.269	ug/ml	99
97) Butyl benzyl phthalate	11.293	149	74542	5.023	ug/ml#	96
105) Benzo(a)anthracene	11.816	228	230478	5.003	ug/ml	99
106) 3,3'-Dichlorobenzidine	11.816	252	82082	4.965	ug/ml#	97
107) Chrysene	11.857	228	220113	4.987	ug/ml	99
108) Bis(2-ethylhexyl)phtha...	11.922	149	121058	5.257	ug/ml	100
109) Di-n-octylphthalate	12.604	149	193851	5.271	ug/ml	100
110) Benzo(b)fluoranthene	12.922	252	239222	5.377	ug/ml#	95
111) Benzo(k)fluoranthene	12.951	252	211512M3	4.760	ug/ml	
112) Benzo(a)pyrene	13.240	252	208990	5.009	ug/ml#	95
114) Indeno(1,2,3-cd)pyrene	14.287	276	211227M6	4.828	ug/mL	
115) Dibenzo(a,h)anthracene	14.310	278	213519	5.030	ug/ml#	91
116) Benzo(ghi)perylene	14.557	276	218631	4.983	ug/ml#	92

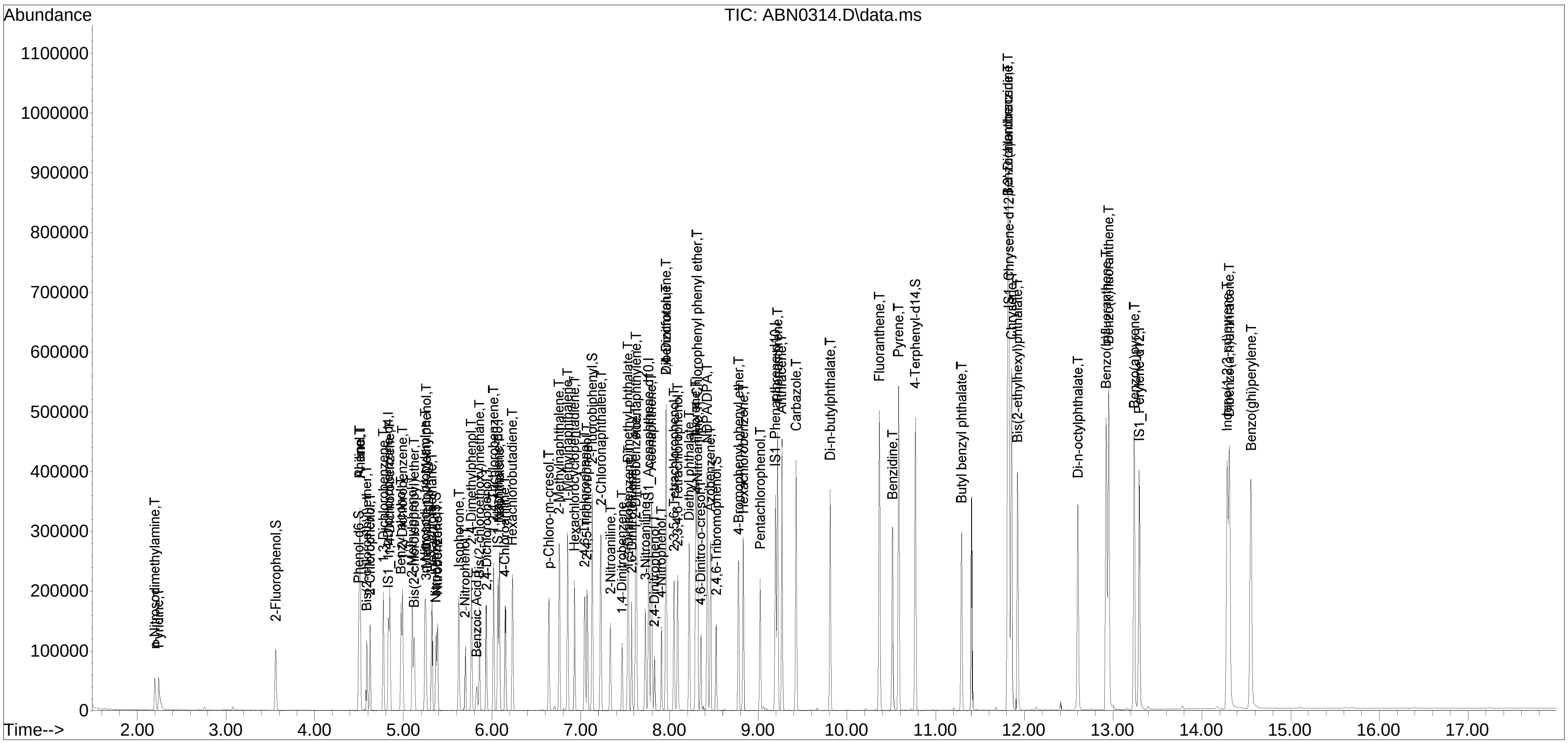
(#) = qualifier out of range (m) = manual integration (+) = signals summed

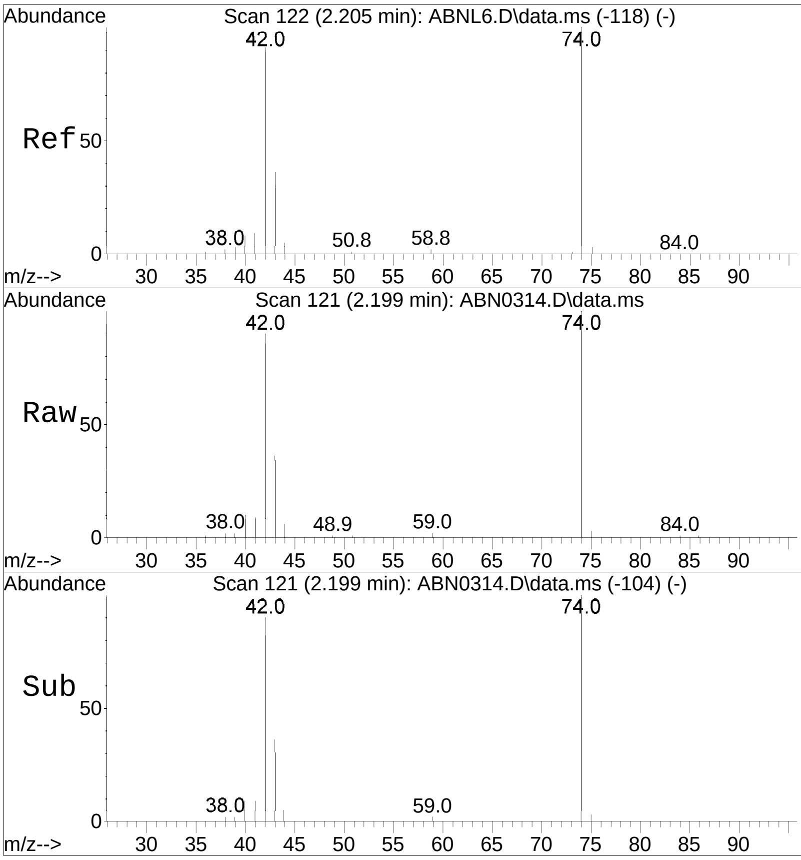
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : ABN0314.D
Acq On   : 14 Mar 2025 11:12 am
Operator : SV112:jg
Sample   : WG2040646-3,32,,ABN 11297 gmr0304C
Misc   : WG2040646,,ical22084
ALS Vial : 142   Sample Multiplier: 1

Quant Time: Mar 14 11:37:11 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:38:03 2025
Response via : Initial Calibration

Sub List   : ABNical - ABN ical sublist

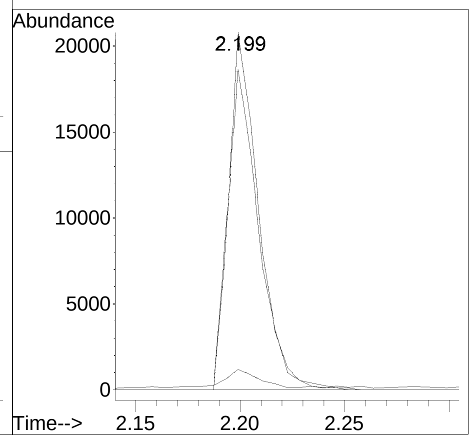


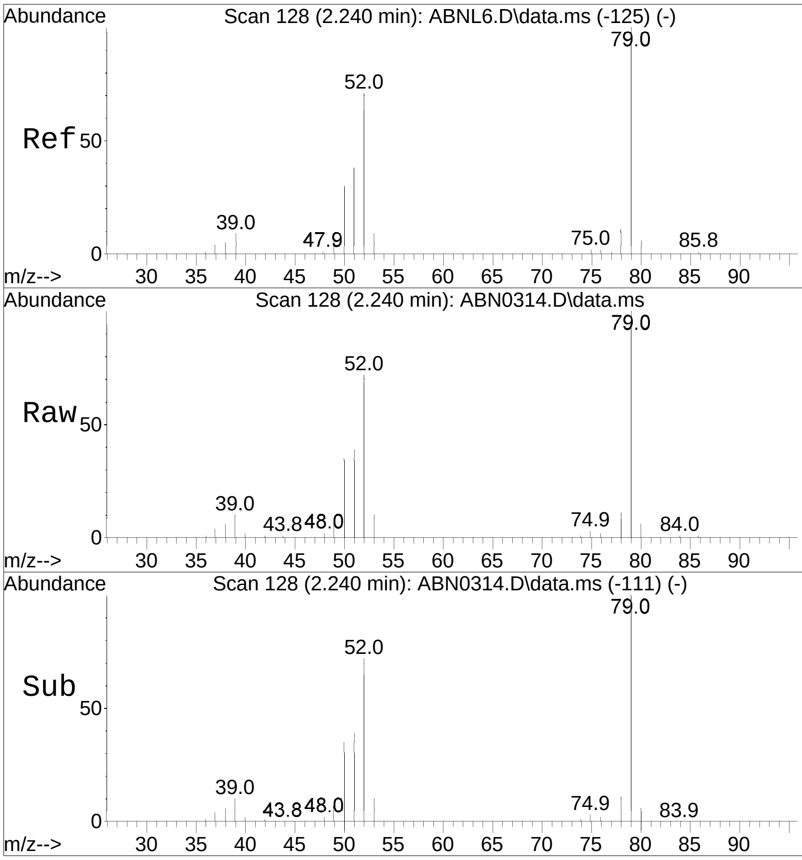


#2
n-Nitrosodimethylamine
Concen: 5.10 ug/ml
RT: 2.199 min Scan# 121
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 74 Resp: 20692

Ion	Ratio	Lower	Upper
74	100		
42	92.2	63.8	95.8
44	0.0	4.3	6.5#

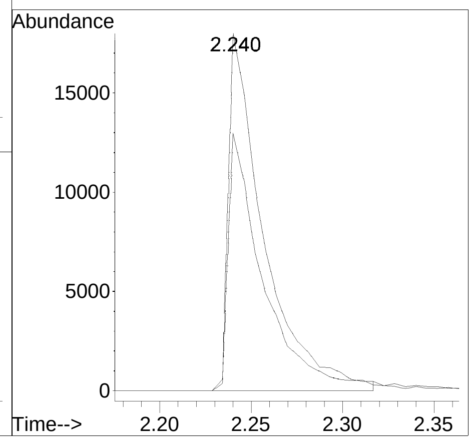


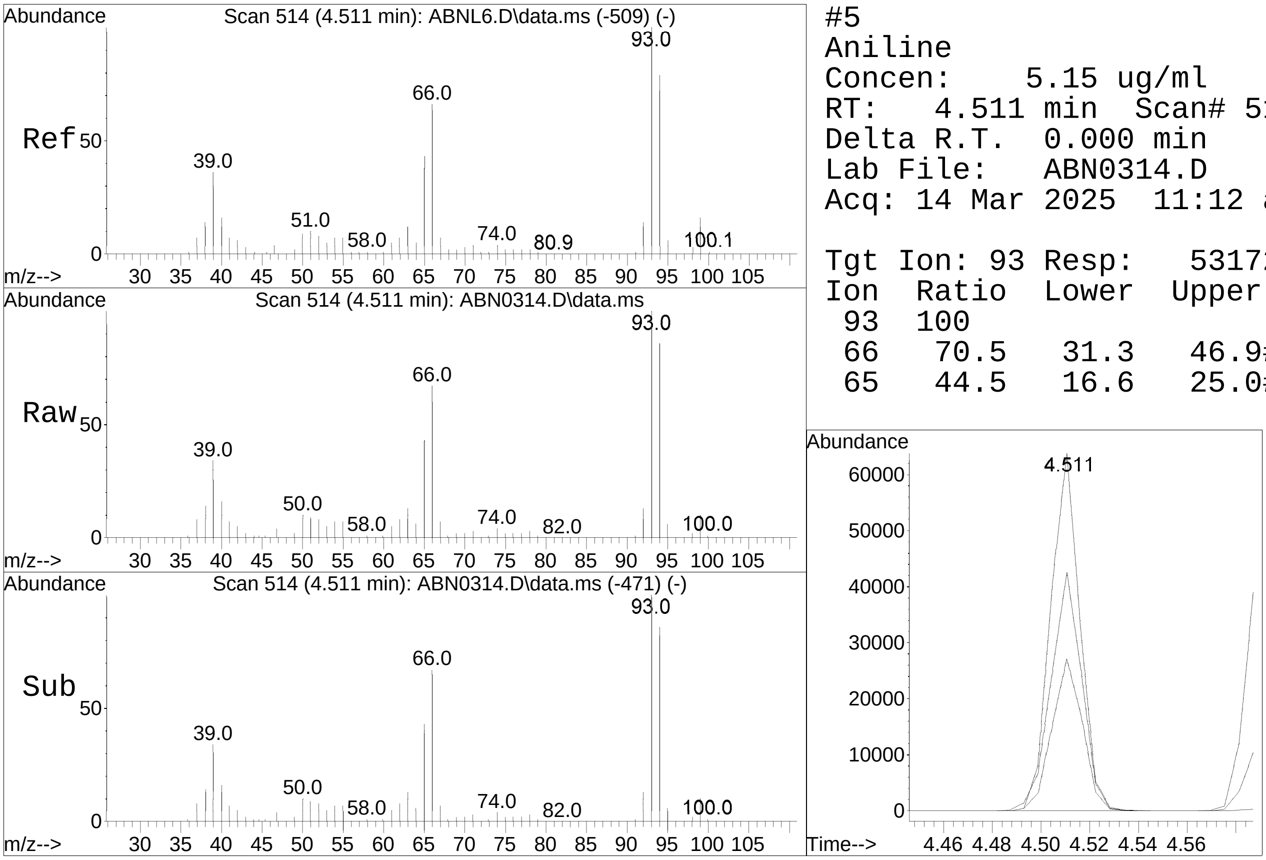


#3
Pyridine
Concen: 3.38 ug/ml
RT: 2.240 min Scan# 128
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 79 Resp: 23960

Ion	Ratio	Lower	Upper
79	100		
52	71.7	64.6	96.8

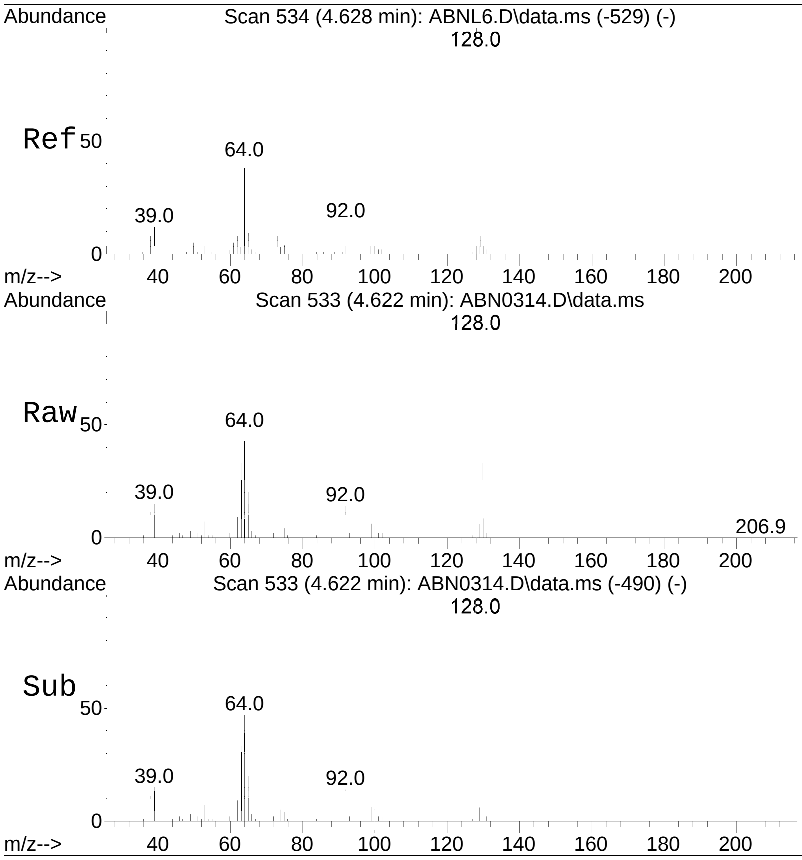




#5
Aniline
Concen: 5.15 ug/ml
RT: 4.511 min Scan# 514
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 93 Resp: 53172

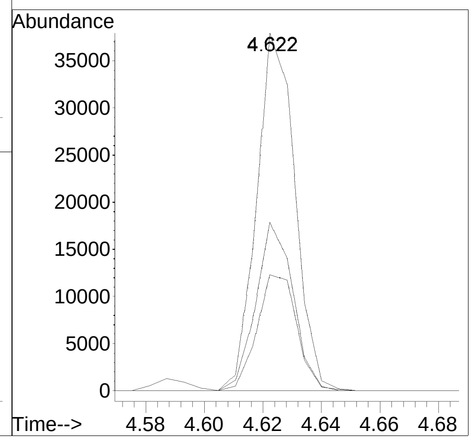
Ion	Ratio	Lower	Upper
93	100		
66	70.5	31.3	46.9#
65	44.5	16.6	25.0#

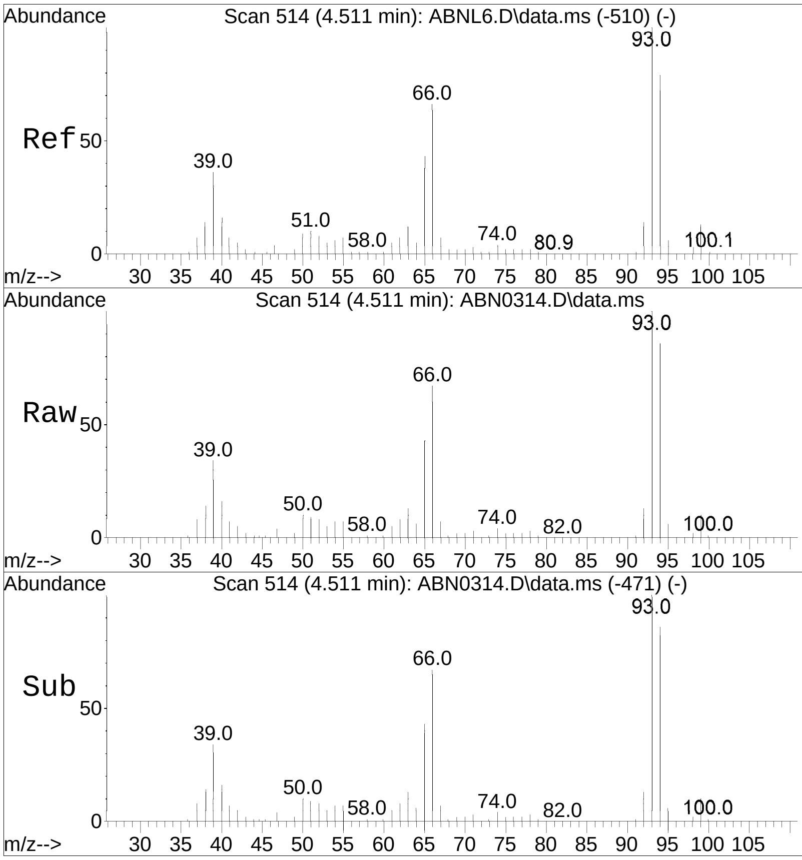


#6
2-Chlorophenol
Concen: 4.71 ug/ml
RT: 4.622 min Scan# 533
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:128 Resp: 34301

Ion	Ratio	Lower	Upper
128	100		
64	45.7	38.2	57.4
130	33.9	26.2	39.2

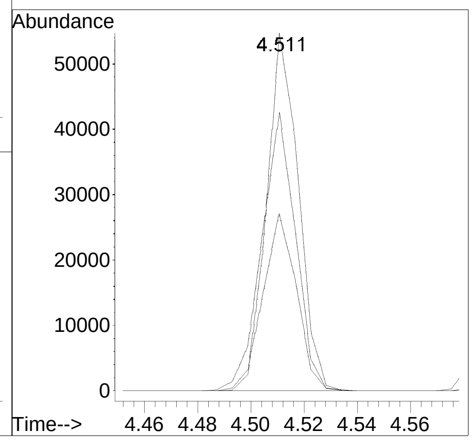


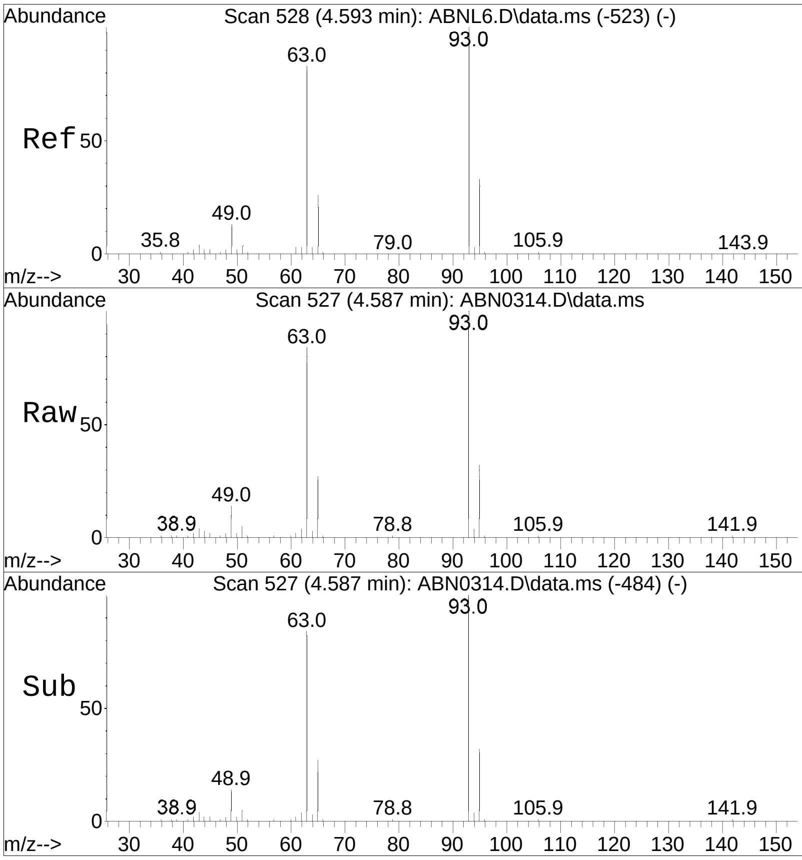


#8
Phenol
Concen: 4.88 ug/ml
RT: 4.511 min Scan# 514
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 94 Resp: 45294

Ion	Ratio	Lower	Upper
94	100		
65	52.2	23.0	34.6#
66	82.8	32.1	48.1#

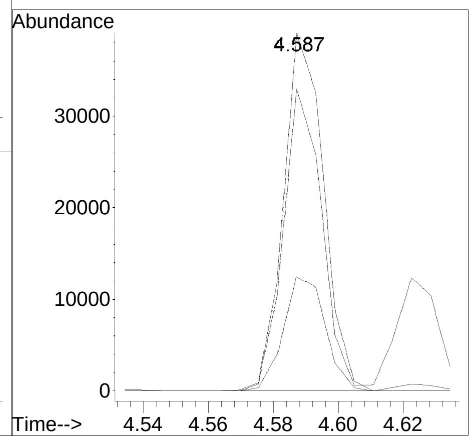


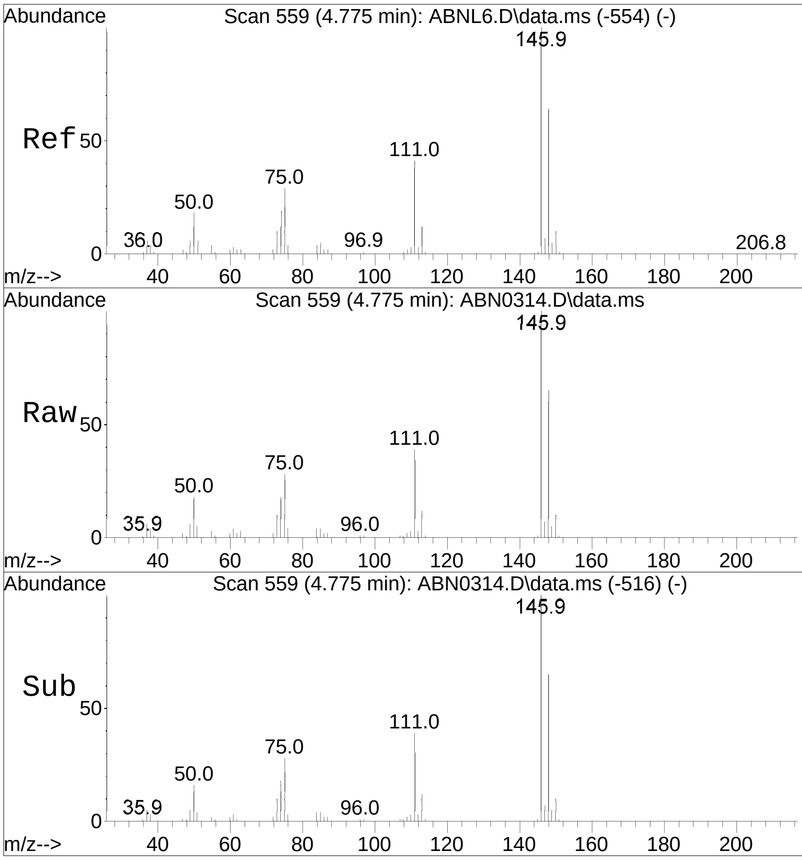


#9
Bis(2-chloroethyl)ether
Concen: 4.96 ug/ml
RT: 4.587 min Scan# 527
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 93 Resp: 33371

Ion	Ratio	Lower	Upper
93	100		
63	81.1	67.0	100.4
95	33.4	26.1	39.1

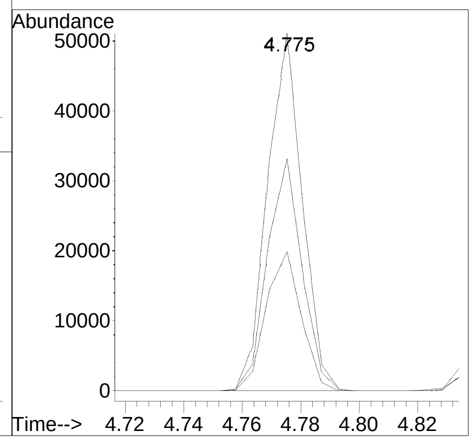


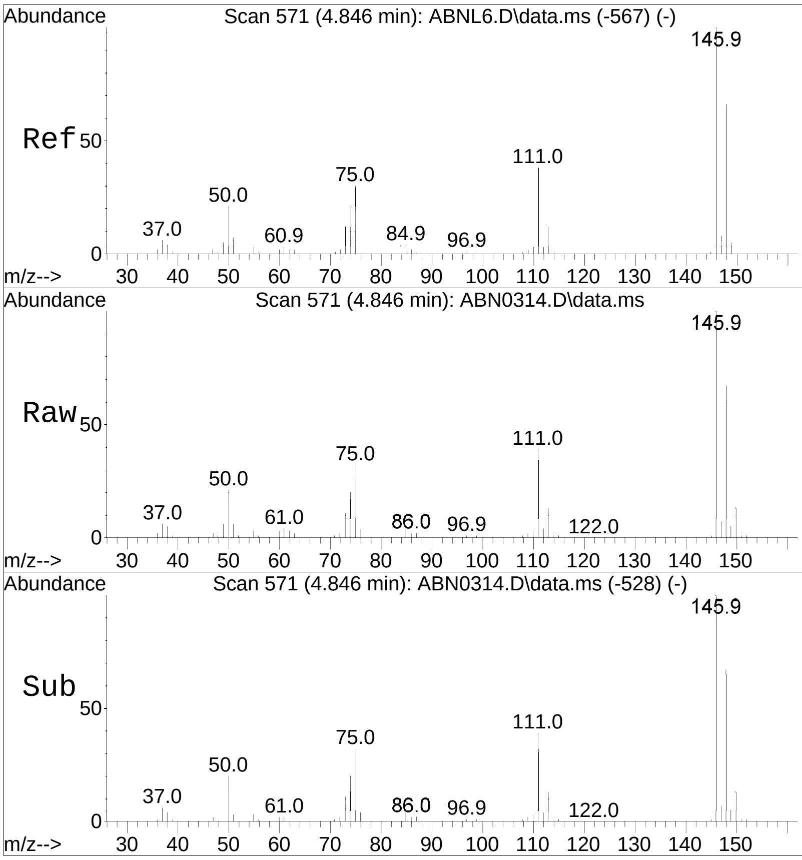


#10
1,3-Dichlorobenzene
Concen: 4.89 ug/ml
RT: 4.775 min Scan# 559
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:146 Resp: 42022

Ion	Ratio	Lower	Upper
146	100		
111	39.7	35.0	52.4
148	64.9	51.3	76.9

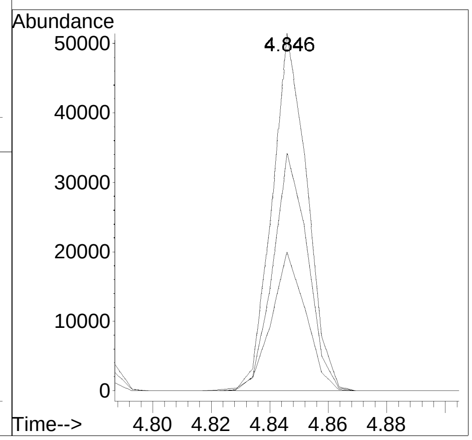


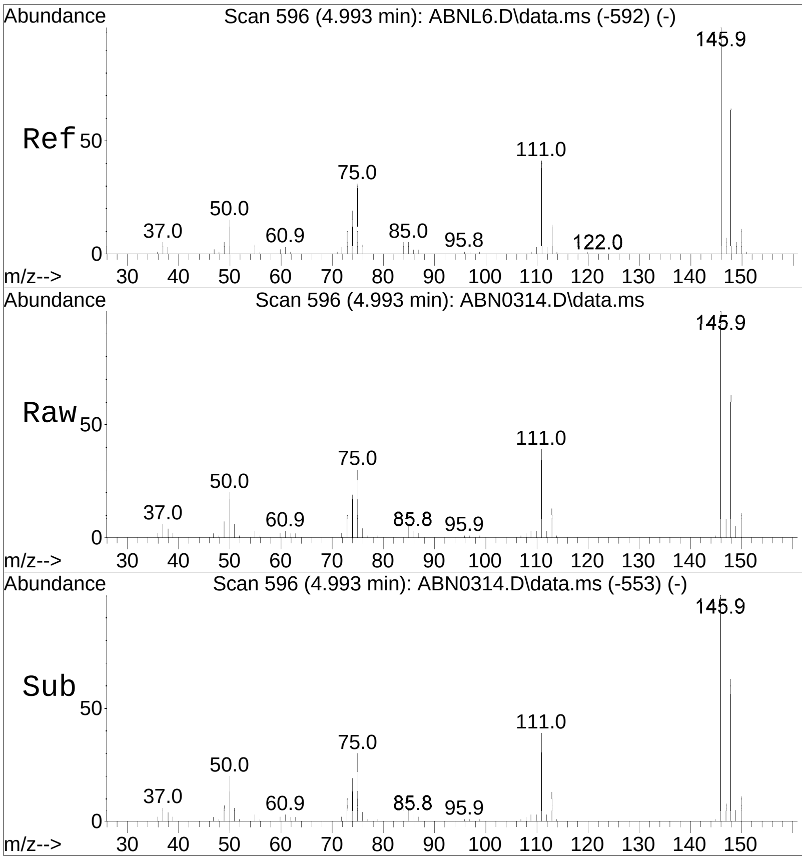


#11
1,4-Dichlorobenzene
Concen: 4.78 ug/ml
RT: 4.846 min Scan# 571
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:146 Resp: 42570

Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.1	76.7
111	38.6	34.4	51.6

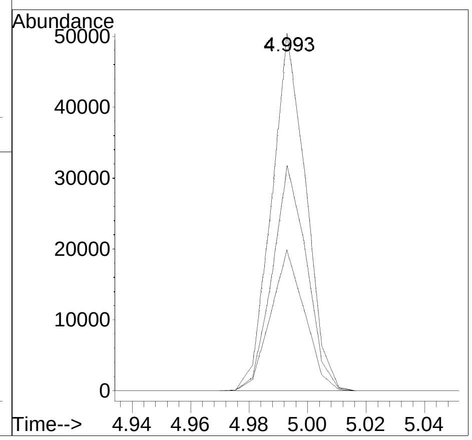


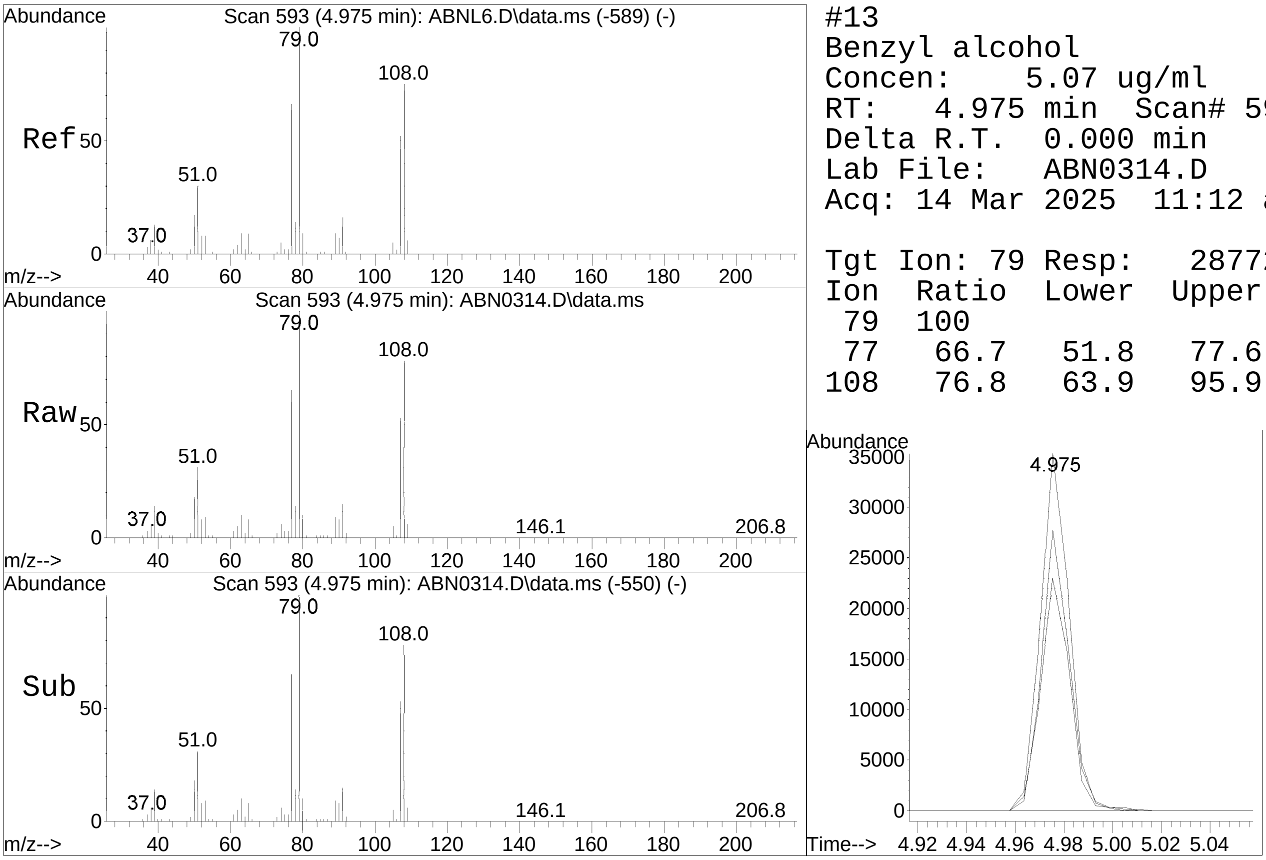


#12
1,2-Dichlorobenzene
Concen: 4.80 ug/ml
RT: 4.993 min Scan# 596
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:146 Resp: 40943

Ion	Ratio	Lower	Upper
146	100		
111	39.4	35.5	53.3
148	63.0	50.6	76.0

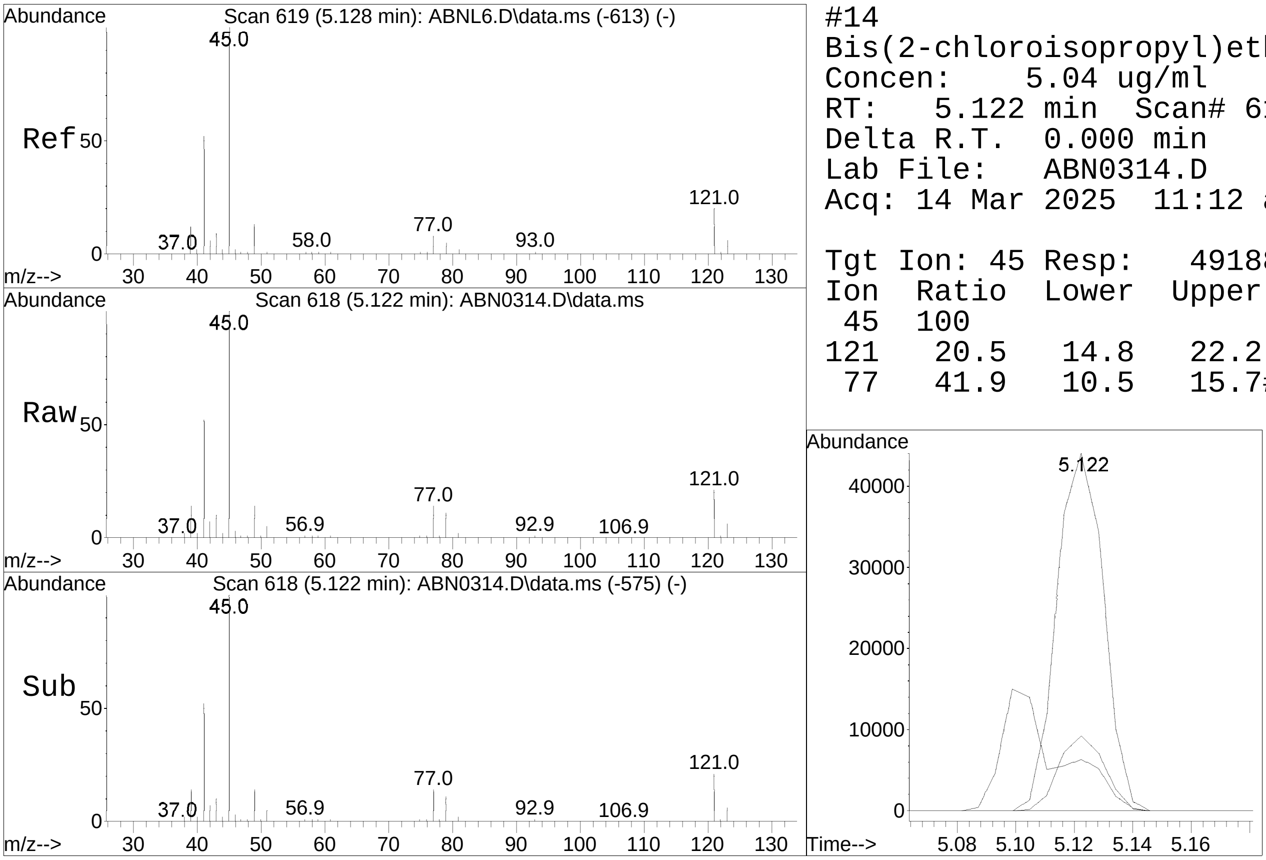




#13
Benzyl alcohol
Concen: 5.07 ug/ml
RT: 4.975 min Scan# 593
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 79 Resp: 28772

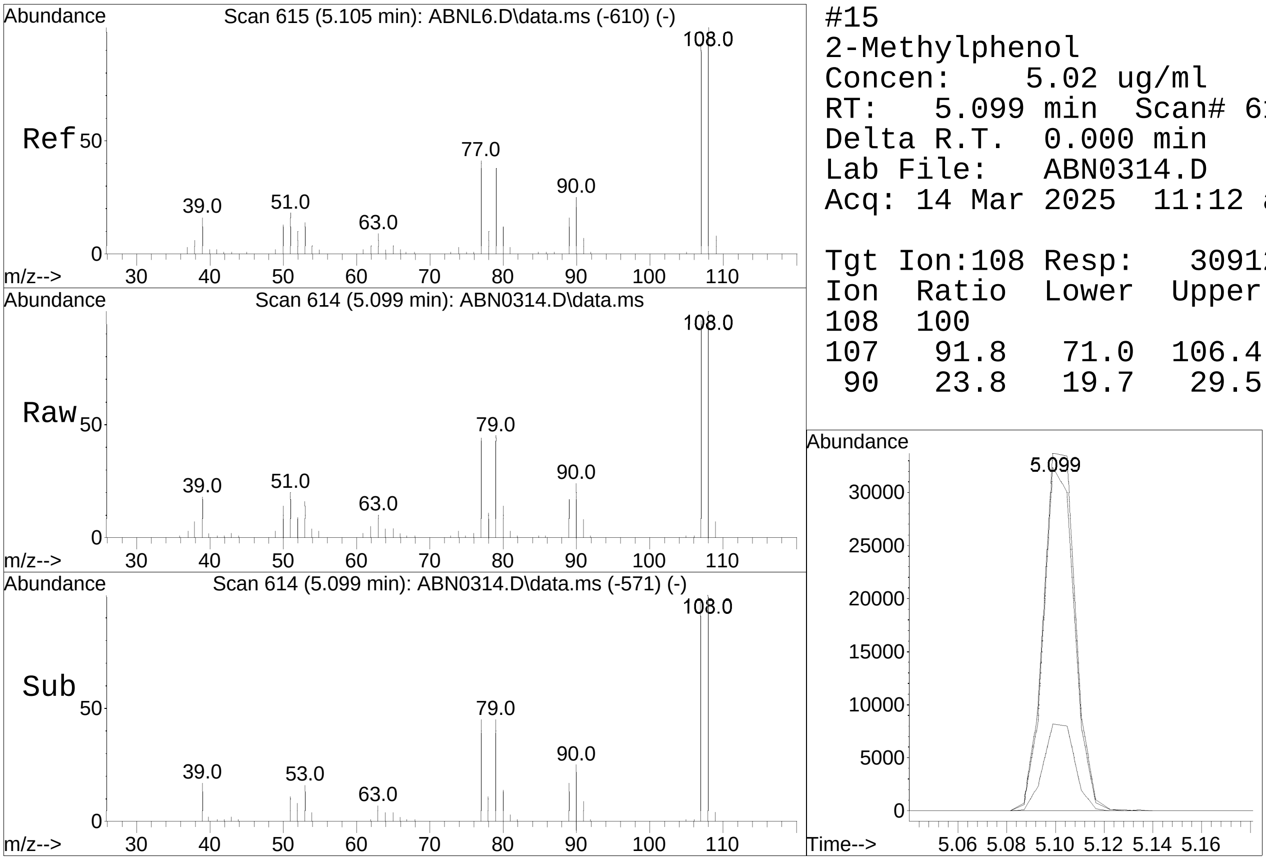
Ion	Ratio	Lower	Upper
79	100		
77	66.7	51.8	77.6
108	76.8	63.9	95.9



#14
Bis(2-chloroisopropyl)ether
Concen: 5.04 ug/ml
RT: 5.122 min Scan# 618
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 45 Resp: 49188

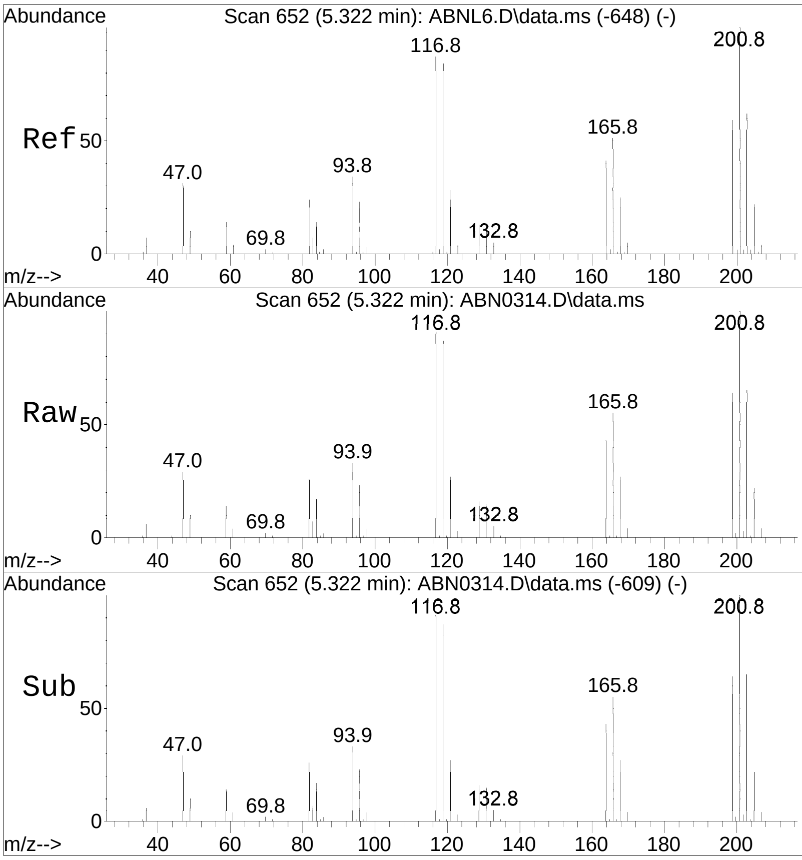
Ion	Ratio	Lower	Upper
45	100		
121	20.5	14.8	22.2
77	41.9	10.5	15.7#



#15
2-Methylphenol
Concen: 5.02 ug/ml
RT: 5.099 min Scan# 614
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:108 Resp: 30912

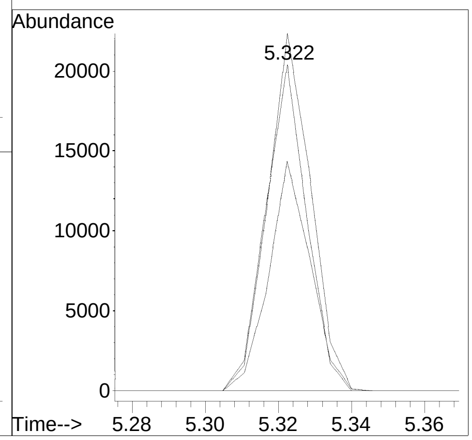
Ion	Ratio	Lower	Upper
108	100		
107	91.8	71.0	106.4
90	23.8	19.7	29.5

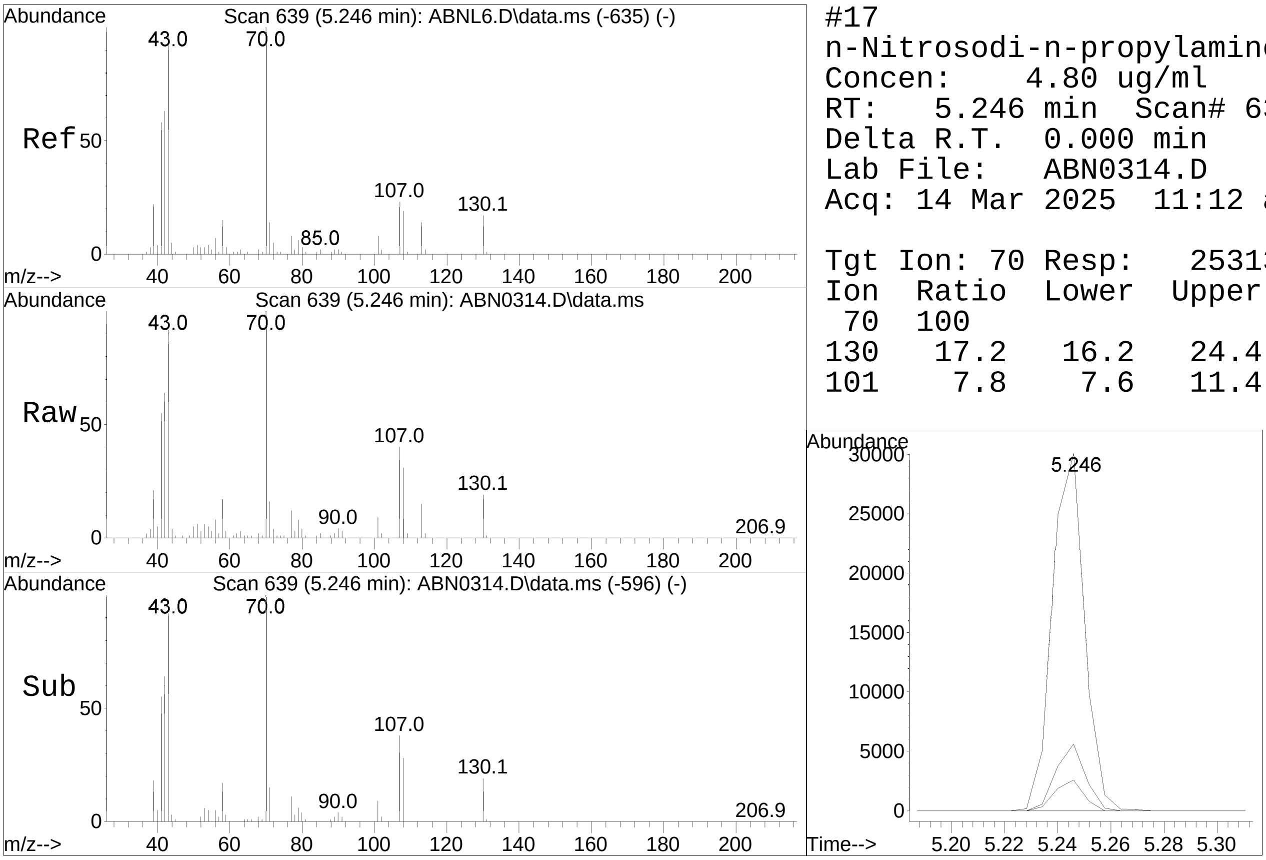


#16
Hexachloroethane
Concen: 4.87 ug/ml
RT: 5.322 min Scan# 652
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:117 Resp: 15951

Ion	Ratio	Lower	Upper
117	100		
201	114.5	64.4	96.6#
199	71.2	40.5	60.7#

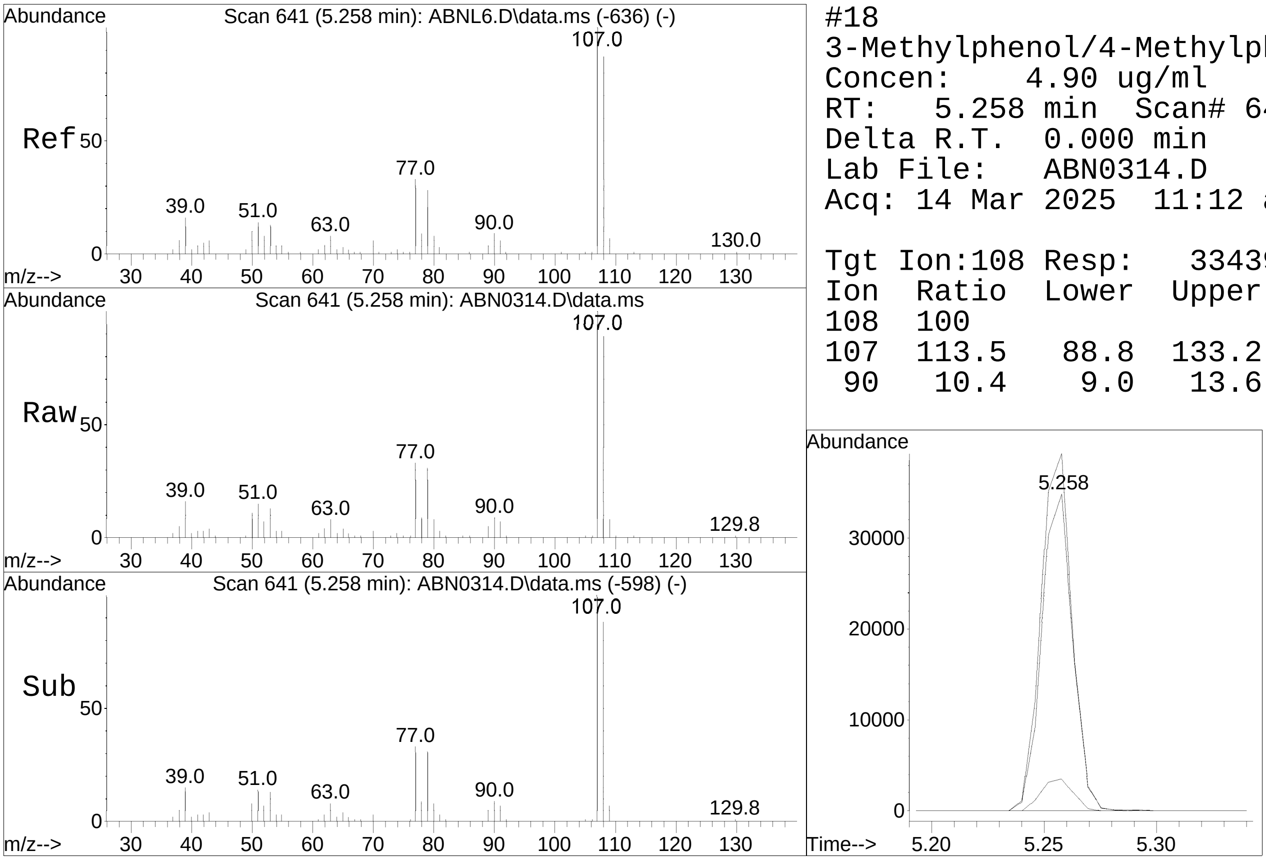




#17
n-Nitrosodi-n-propylamine
Concen: 4.80 ug/ml
RT: 5.246 min Scan# 639
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 70 Resp: 25313

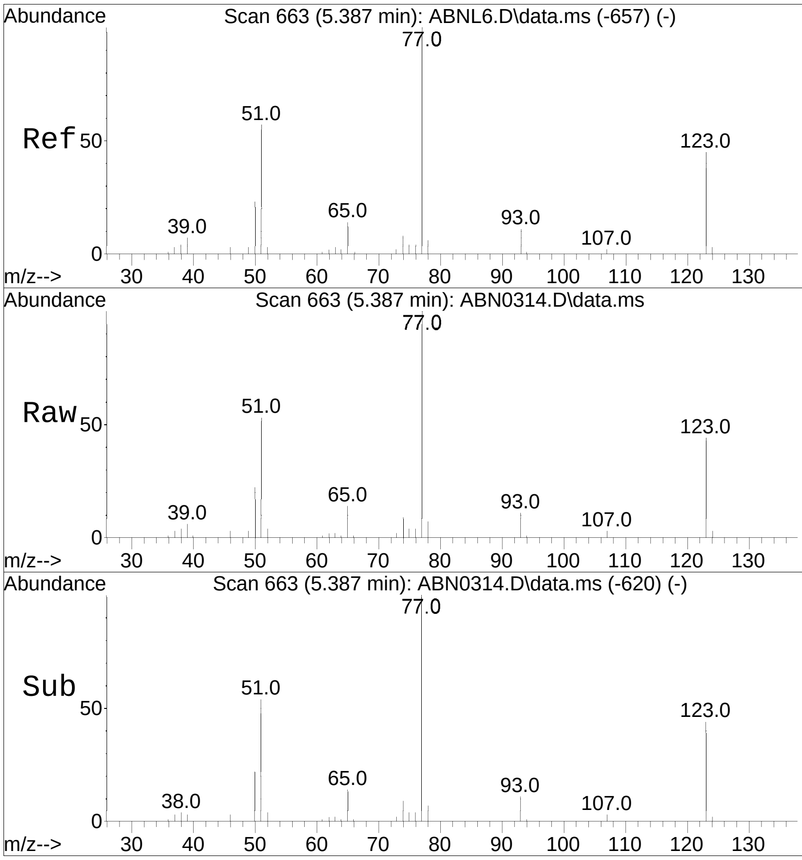
Ion	Ratio	Lower	Upper
70	100		
130	17.2	16.2	24.4
101	7.8	7.6	11.4



#18
3-Methylphenol/4-Methylphenol
Concen: 4.90 ug/ml
RT: 5.258 min Scan# 641
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:108 Resp: 33439

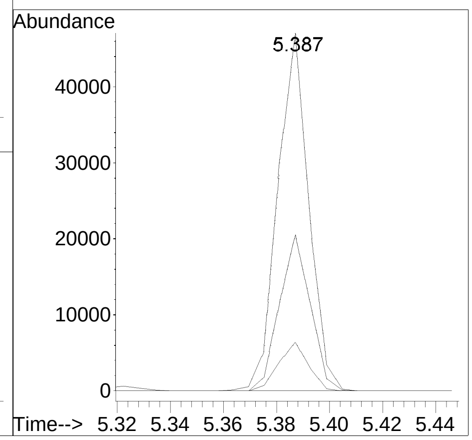
Ion	Ratio	Lower	Upper
108	100		
107	113.5	88.8	133.2
90	10.4	9.0	13.6

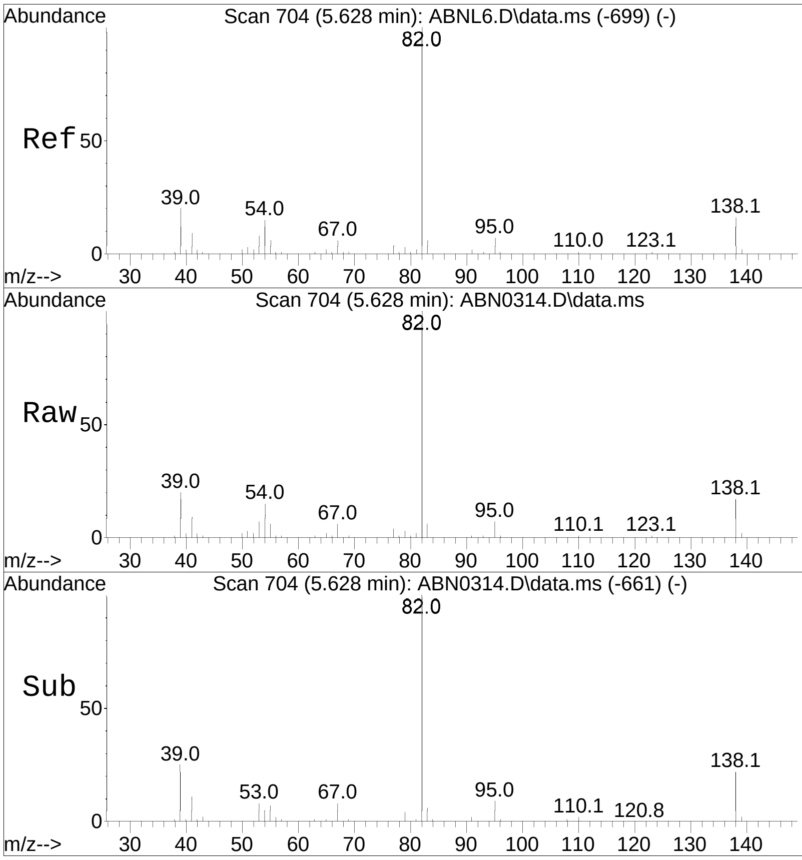


#20
Nitrobenzene
Concen: 4.99 ug/ml
RT: 5.387 min Scan# 663
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 77 Resp: 37894

Ion	Ratio	Lower	Upper
77	100		
123	43.5	37.3	55.9
65	13.1	10.9	16.3

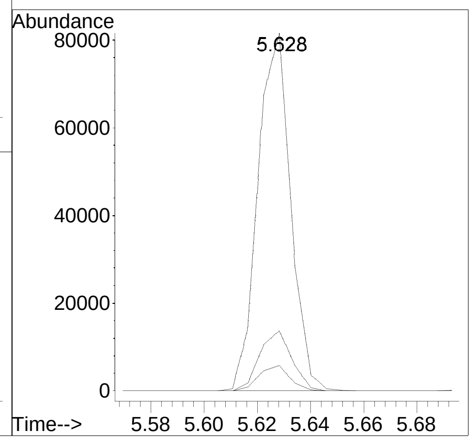


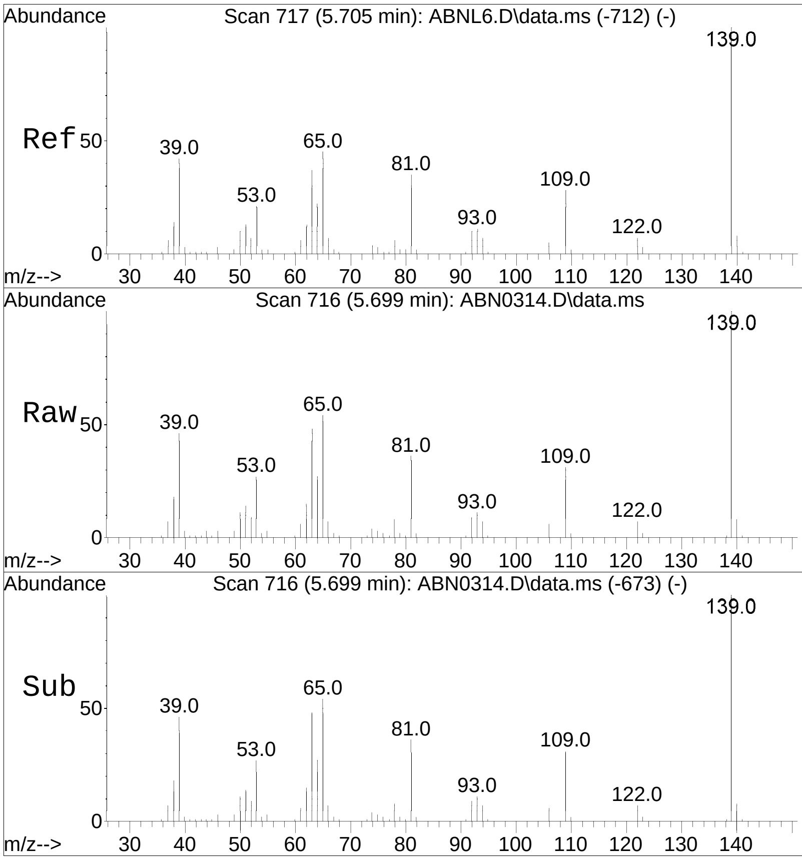


#21
Isophorone
Concen: 4.94 ug/ml
RT: 5.628 min Scan# 704
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 82 Resp: 69299

Ion	Ratio	Lower	Upper
82	100		
138	16.5	13.0	19.4
95	6.7	5.5	8.3

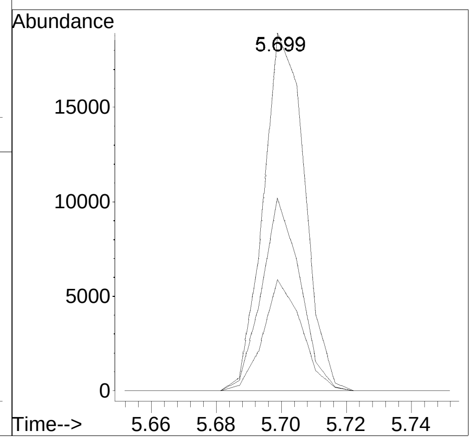


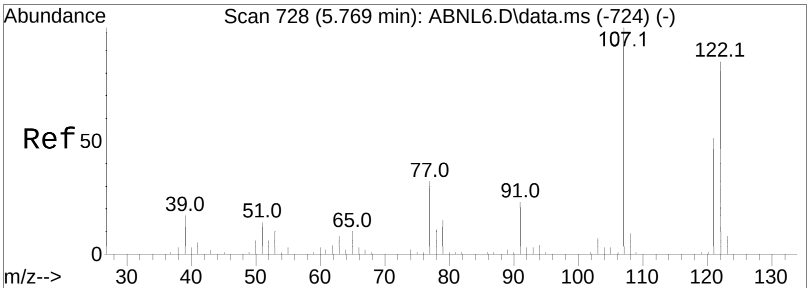


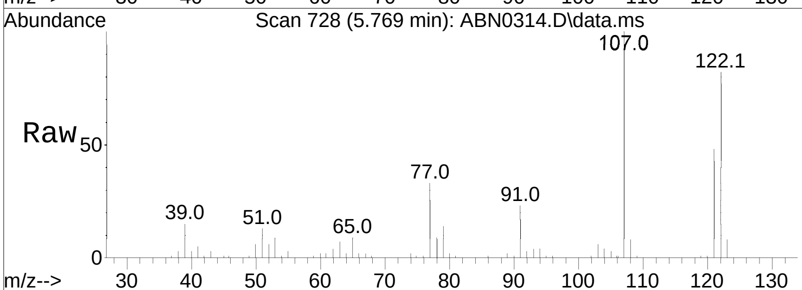
#22
2-Nitrophenol
Concen: 4.81 ug/ml
RT: 5.699 min Scan# 716
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

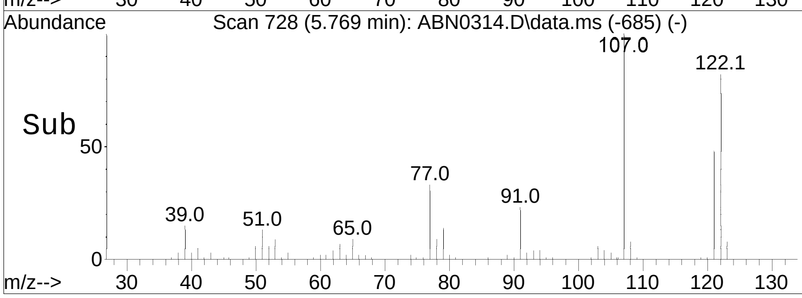
Tgt Ion:139 Resp: 16644

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.1	34.7
65	50.4	41.4	62.2





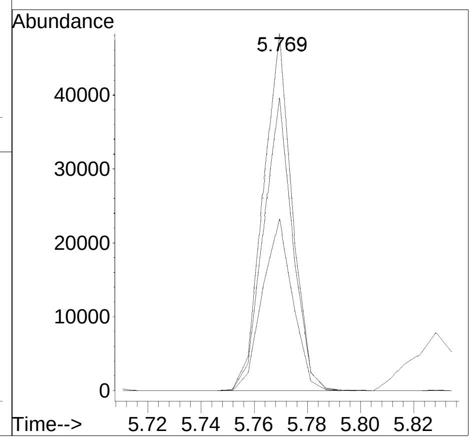


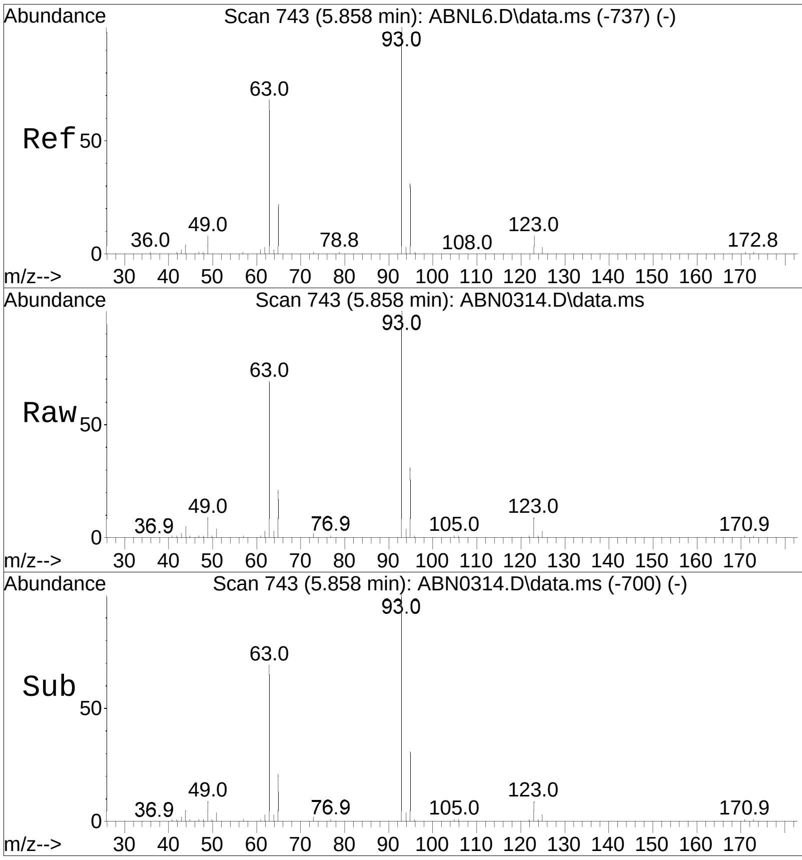


#23
2,4-Dimethylphenol
Concen: 5.05 ug/ml
RT: 5.769 min Scan# 728
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:107 Resp: 36450

Ion	Ratio	Lower	Upper
107	100		
121	50.5	41.3	61.9
122	83.0	69.3	103.9

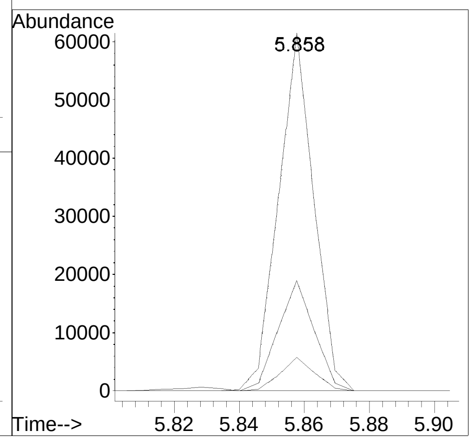


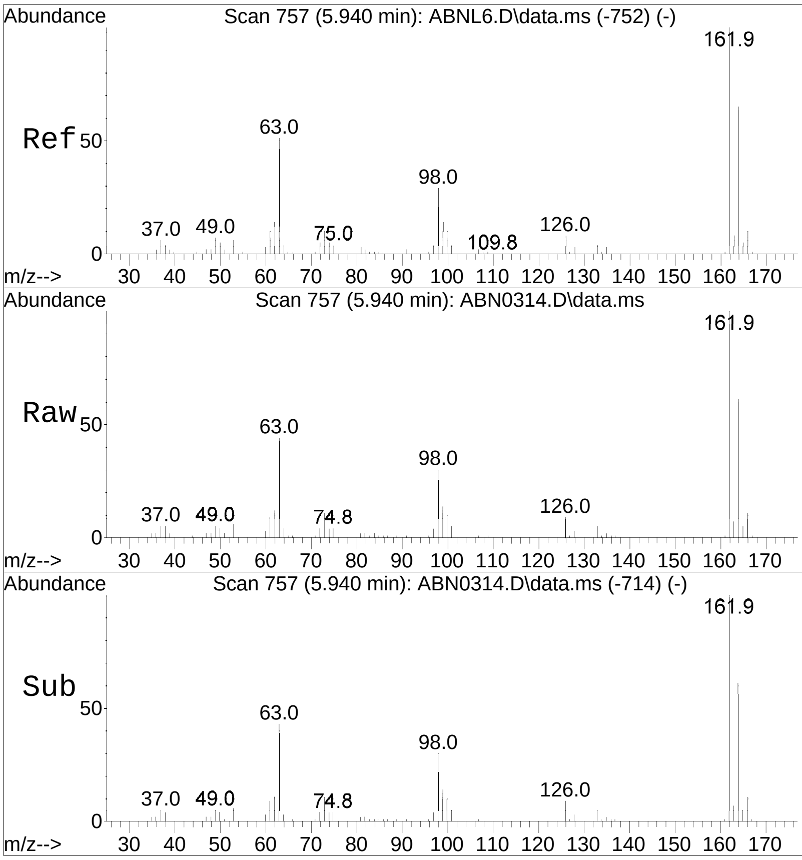


#24
Bis(2-chloroethoxy)methane
Concen: 4.87 ug/ml
RT: 5.858 min Scan# 743
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 93 Resp: 45962

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.8	38.8
123	9.1	9.6	14.4#

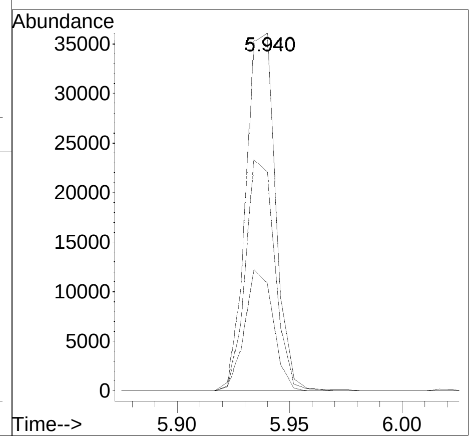


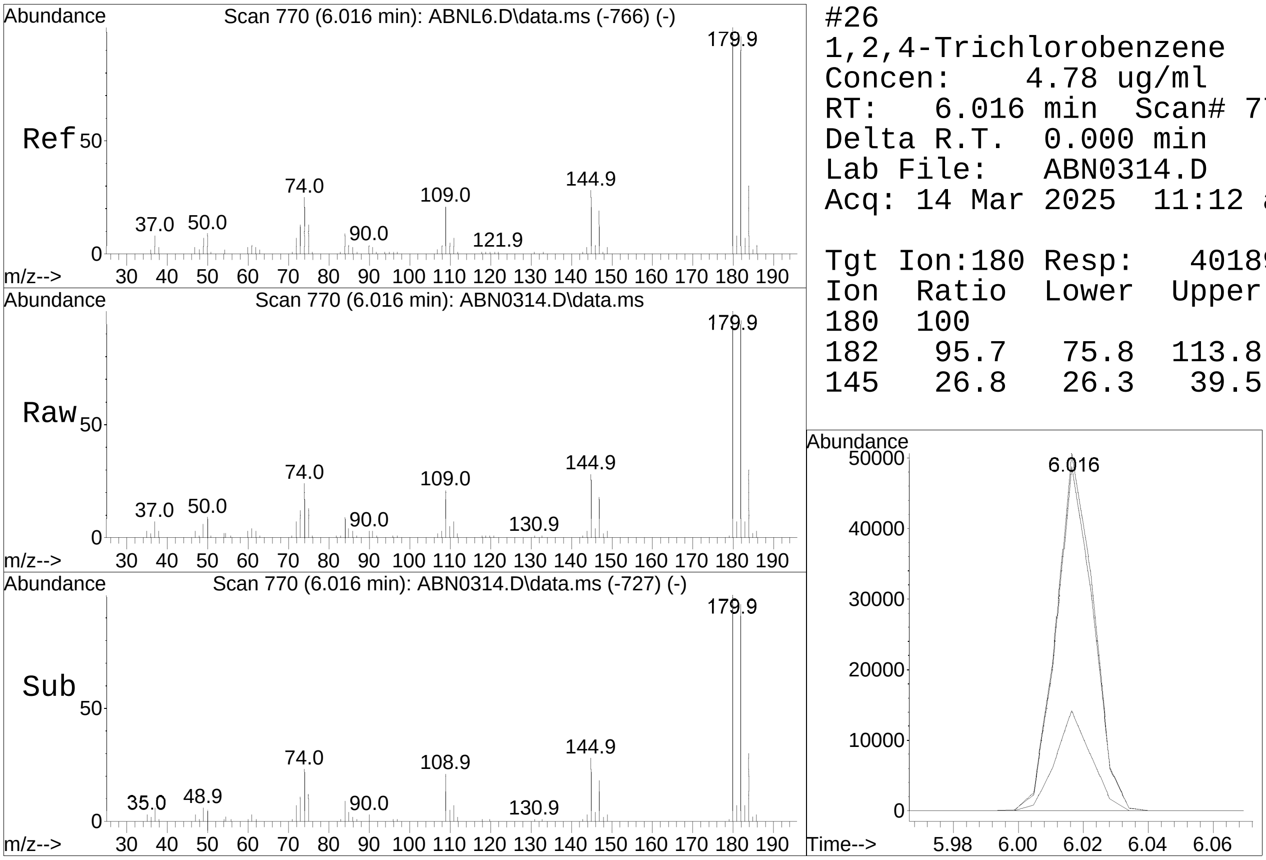


#25
2,4-Dichlorophenol
Concen: 5.00 ug/ml
RT: 5.940 min Scan# 757
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:162 Resp: 33085

Ion	Ratio	Lower	Upper
162	100		
164	64.0	51.1	76.7
98	32.6	32.2	48.2

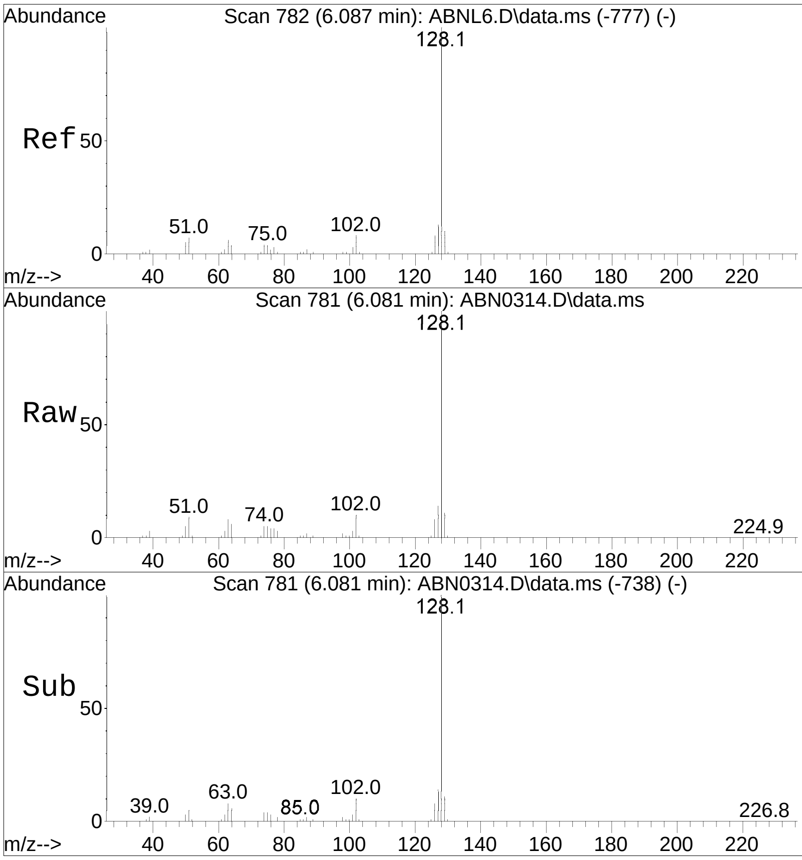




#26
1,2,4-Trichlorobenzene
Concen: 4.78 ug/ml
RT: 6.016 min Scan# 770
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:180 Resp: 40189

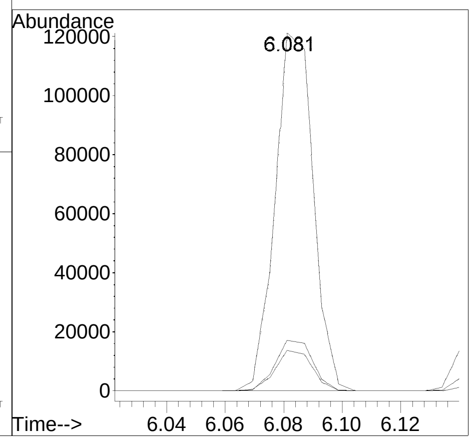
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.8
145	26.8	26.3	39.5

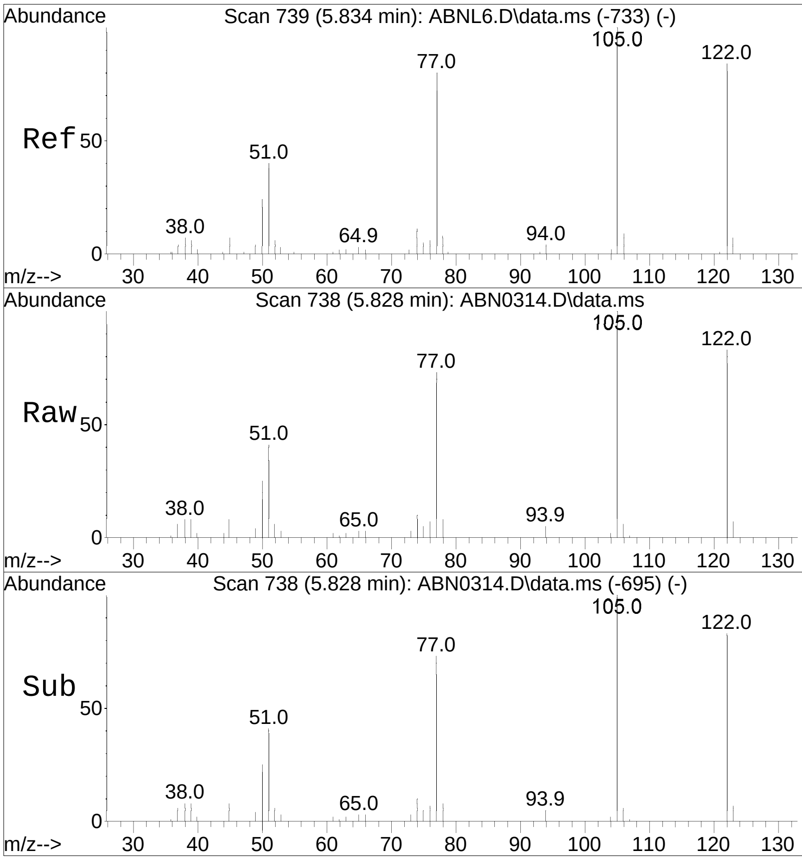


#36
Naphthalene
Concen: 4.81 ug/ml
RT: 6.081 min Scan# 781
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:128 Resp: 109525

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	14.0	10.6	15.8

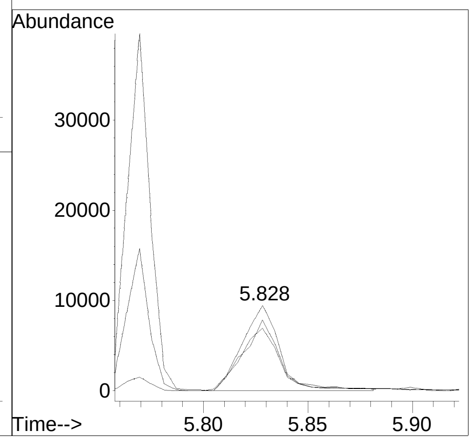


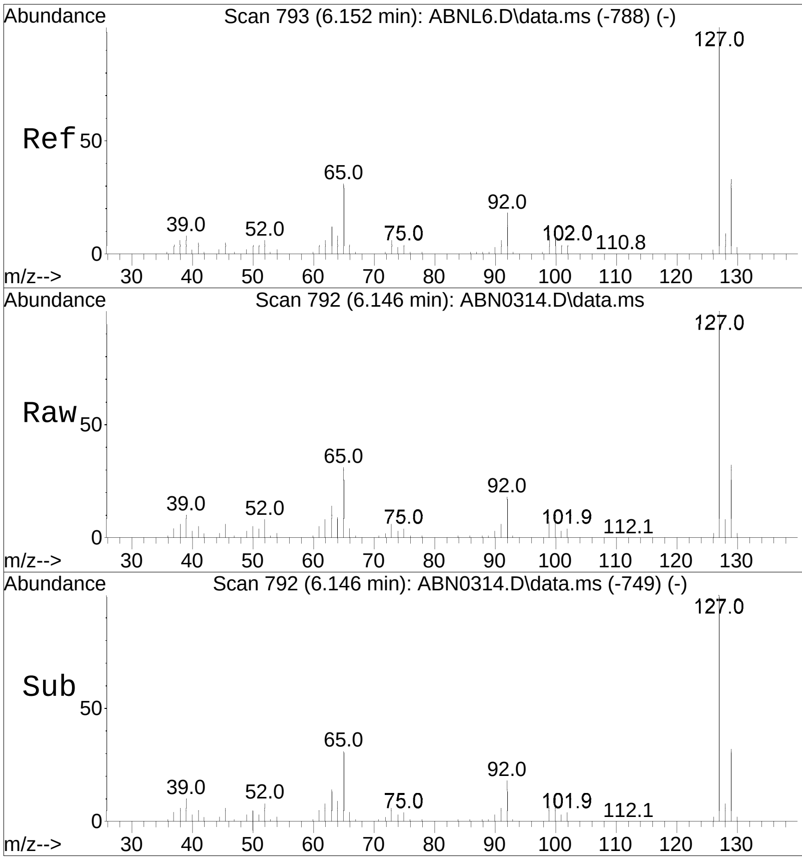


#37
Benzoic Acid
Concen: 2.65 ug/ml
RT: 5.828 min Scan# 738
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:105 Resp: 12022

Ion	Ratio	Lower	Upper
105	100		
122	83.1	62.6	93.8
77	80.4	59.1	88.7

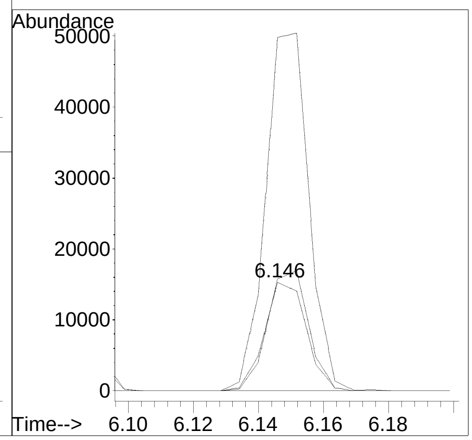


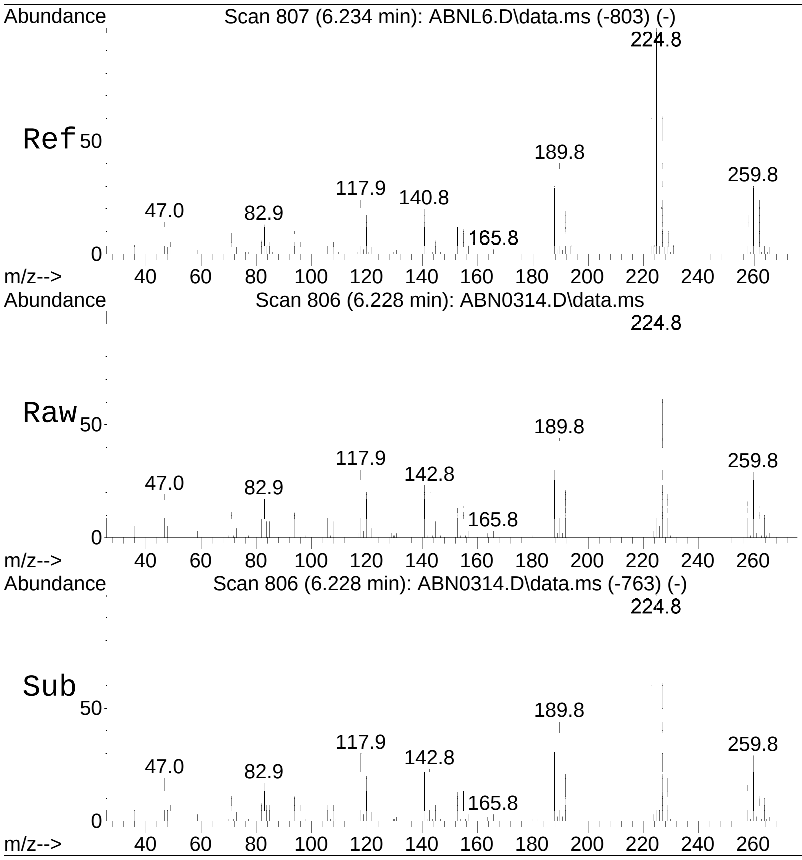


#38
4-Chloroaniline
Concen: 4.83 ug/ml
RT: 6.146 min Scan# 792
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 65 Resp: 13713

Ion	Ratio	Lower	Upper
65	100		
127	338.0	266.2	399.4
129	108.6	85.0	127.4

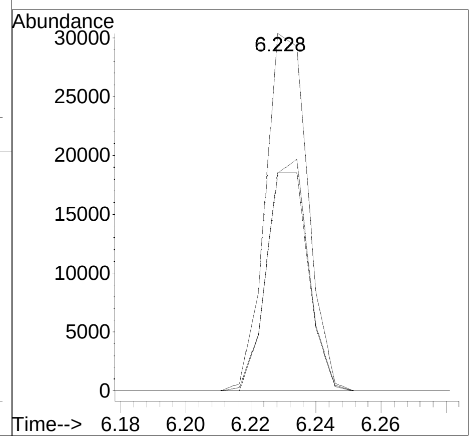


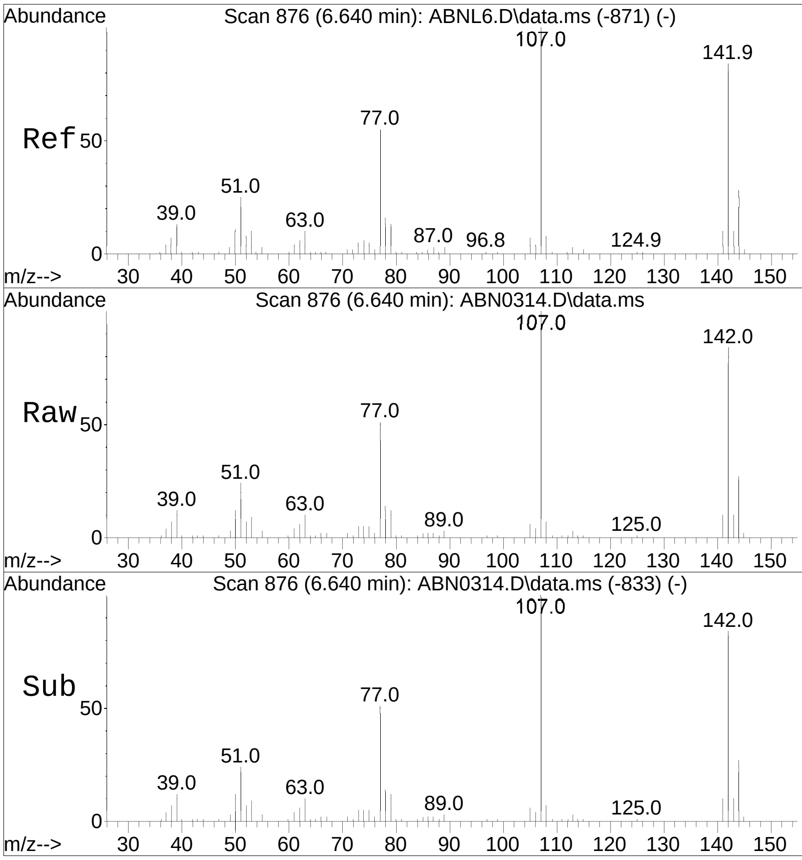


#39
Hexachlorobutadiene
Concen: 4.72 ug/ml
RT: 6.228 min Scan# 806
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:225 Resp: 27412

Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.5	75.7
227	62.9	50.4	75.6

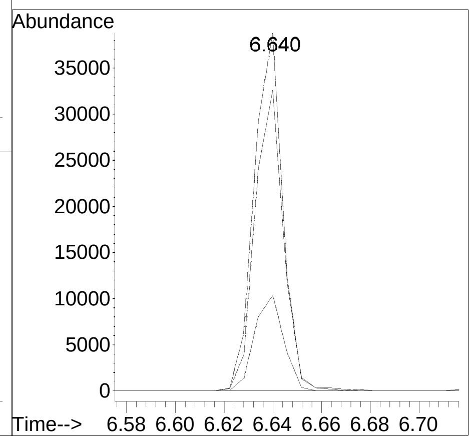


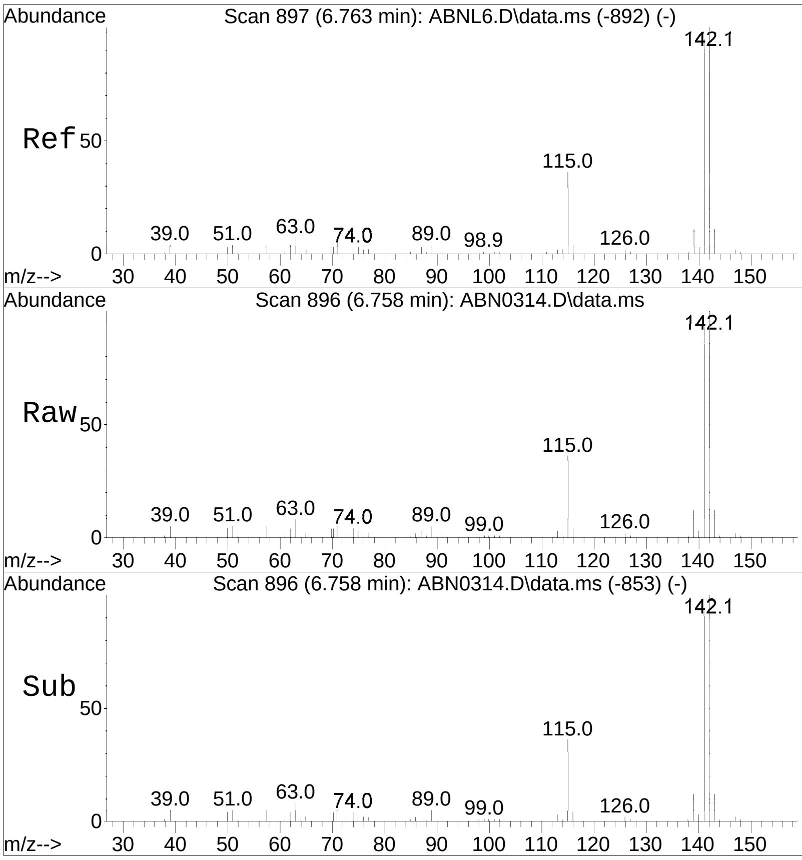


#40
p-Chloro-m-cresol
Concen: 4.92 ug/ml
RT: 6.640 min Scan# 876
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:107 Resp: 31327

Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.3	30.5
142	83.7	63.8	95.6

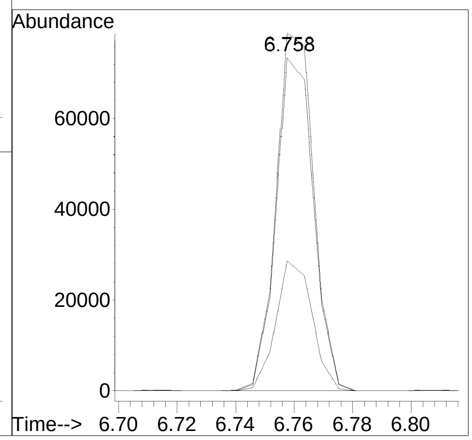


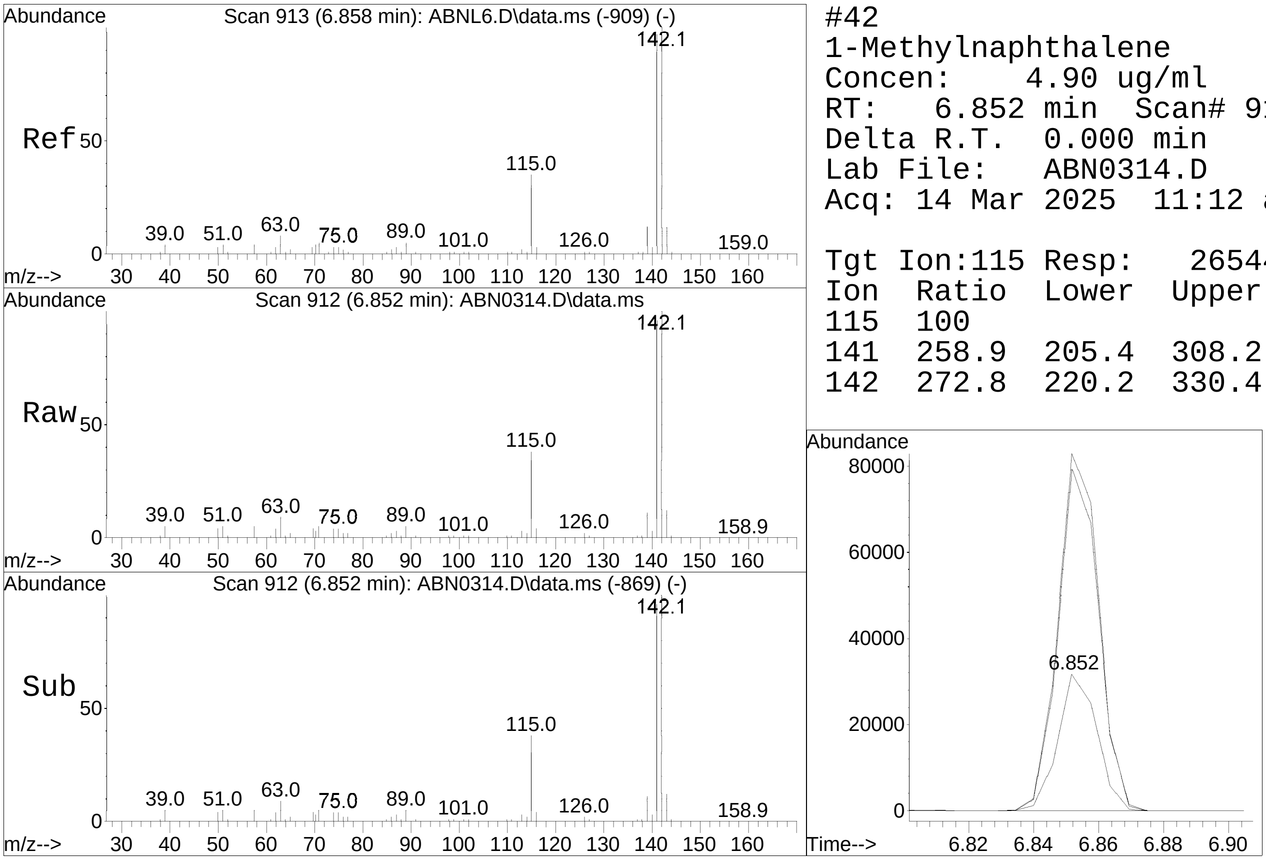


#41
2-Methylnaphthalene
Concen: 4.99 ug/ml
RT: 6.758 min Scan# 896
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:142 Resp: 70691

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.2	108.4
115	35.0	27.8	41.6

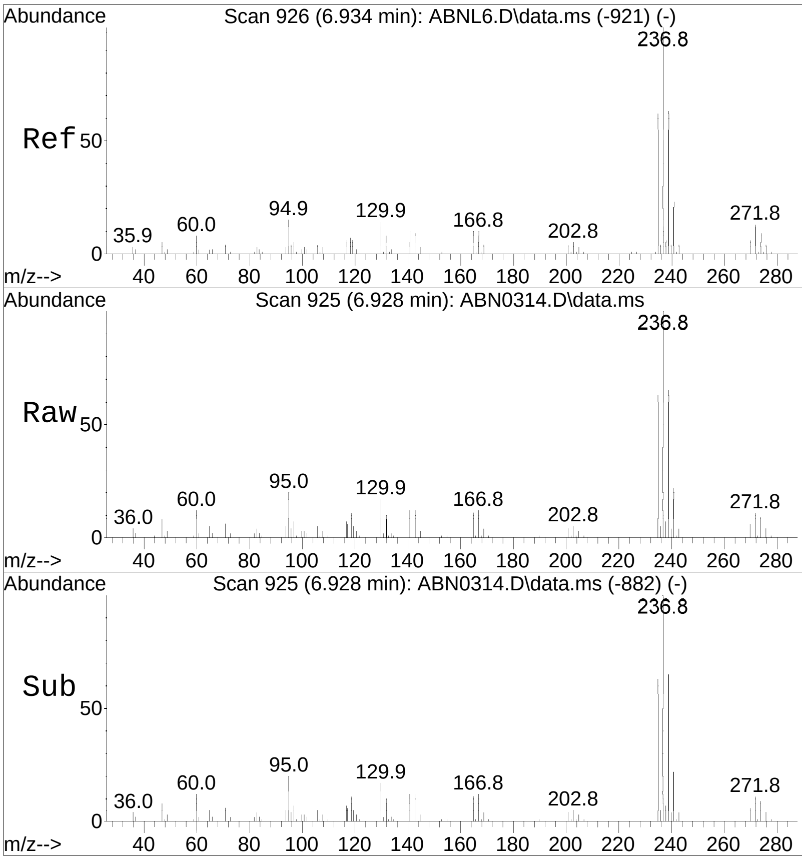




#42
1-Methylnaphthalene
Concen: 4.90 ug/ml
RT: 6.852 min Scan# 912
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:115 Resp: 26544

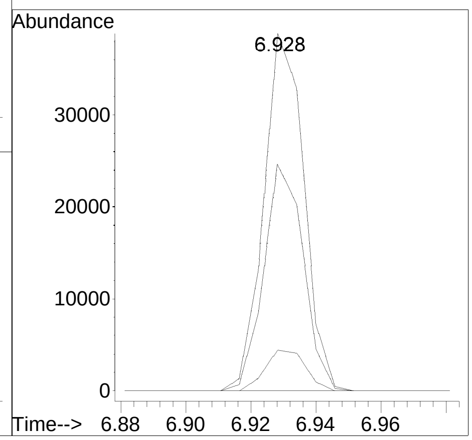
Ion	Ratio	Lower	Upper
115	100		
141	258.9	205.4	308.2
142	272.8	220.2	330.4

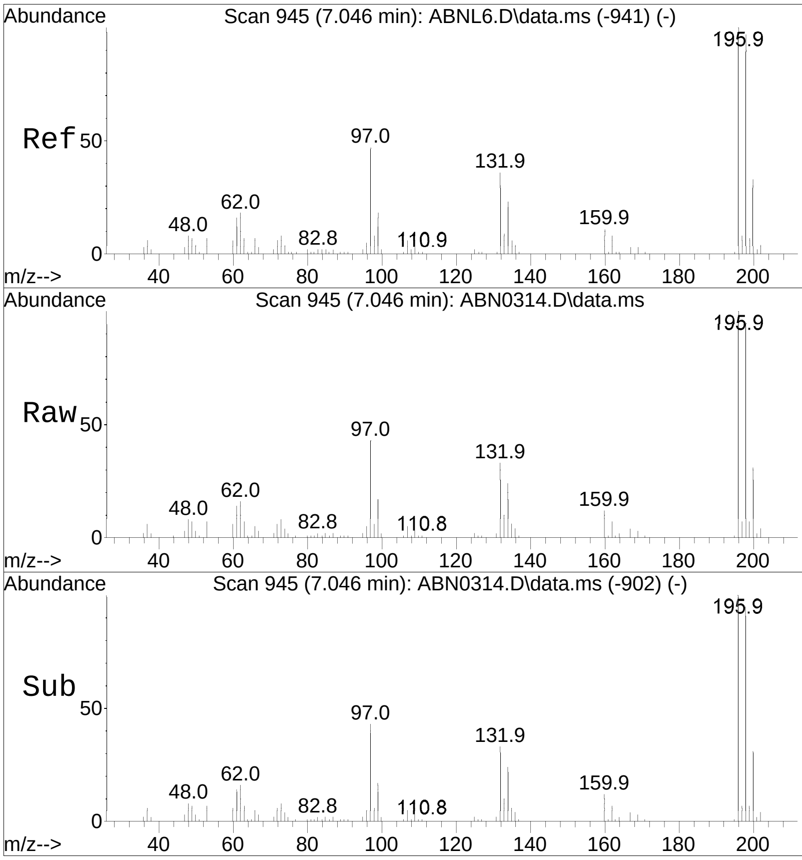


#43
Hexachlorocyclopentadiene
Concen: 4.74 ug/ml
RT: 6.928 min Scan# 925
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:237 Resp: 33162

Ion	Ratio	Lower	Upper
237	100		
235	62.7	50.9	76.3
272	11.6	10.1	15.1

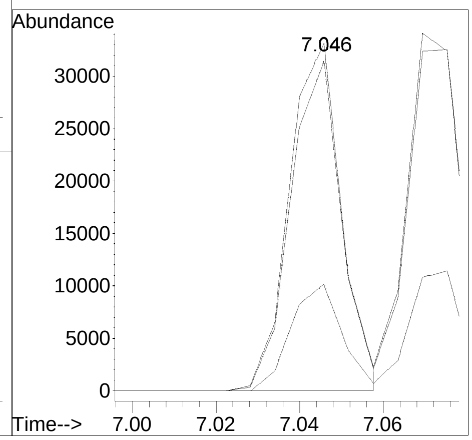


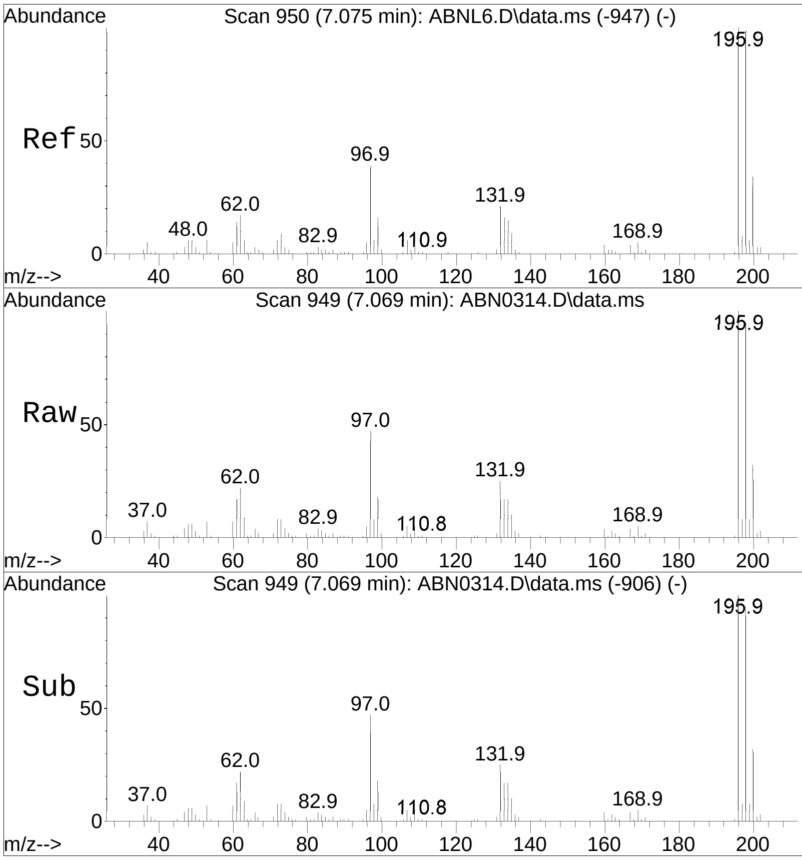


#44
2,4,6-Trichlorophenol
Concen: 4.78 ug/ml
RT: 7.046 min Scan# 945
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:196 Resp: 28682

Ion	Ratio	Lower	Upper
196	100		
198	93.2	76.4	114.6
200	30.5	24.4	36.6

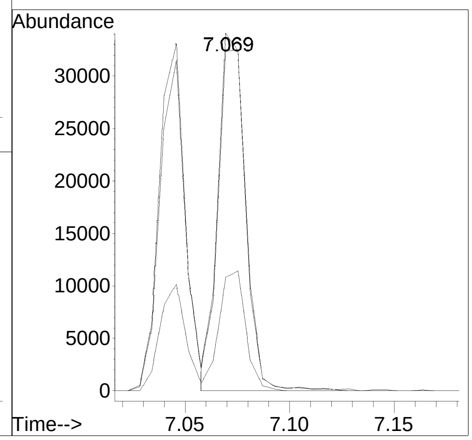


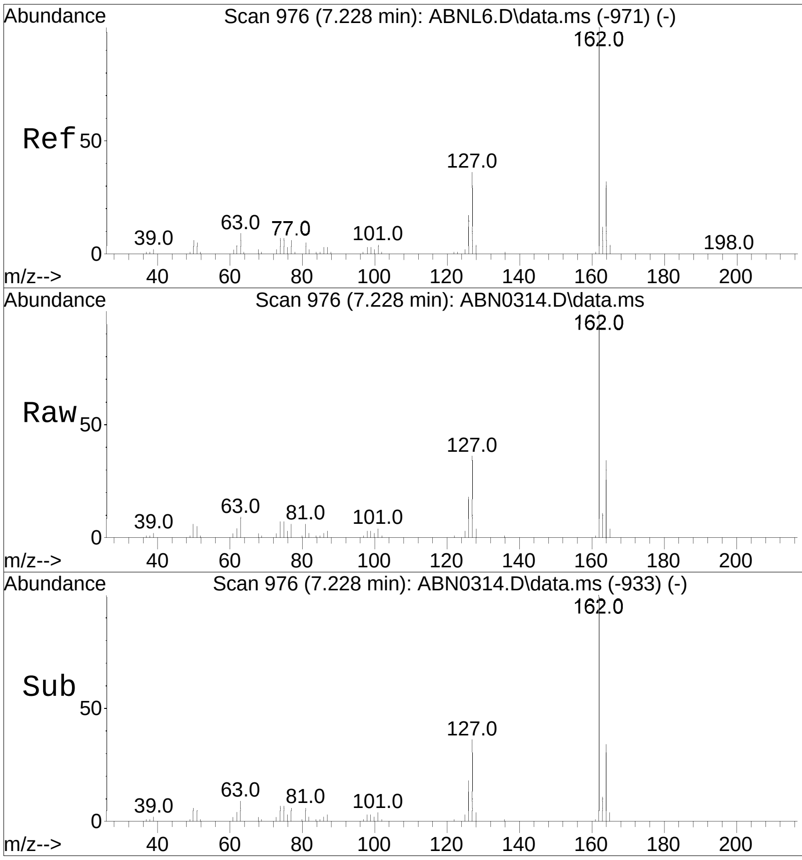


#45
2,4,5-Trichlorophenol
Concen: 5.12 ug/ml
RT: 7.069 min Scan# 949
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:196 Resp: 31035

Ion	Ratio	Lower	Upper
196	100		
200	32.7	24.2	36.4
198	98.1	76.2	114.2

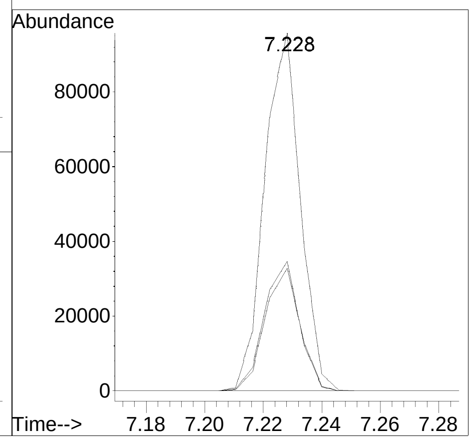


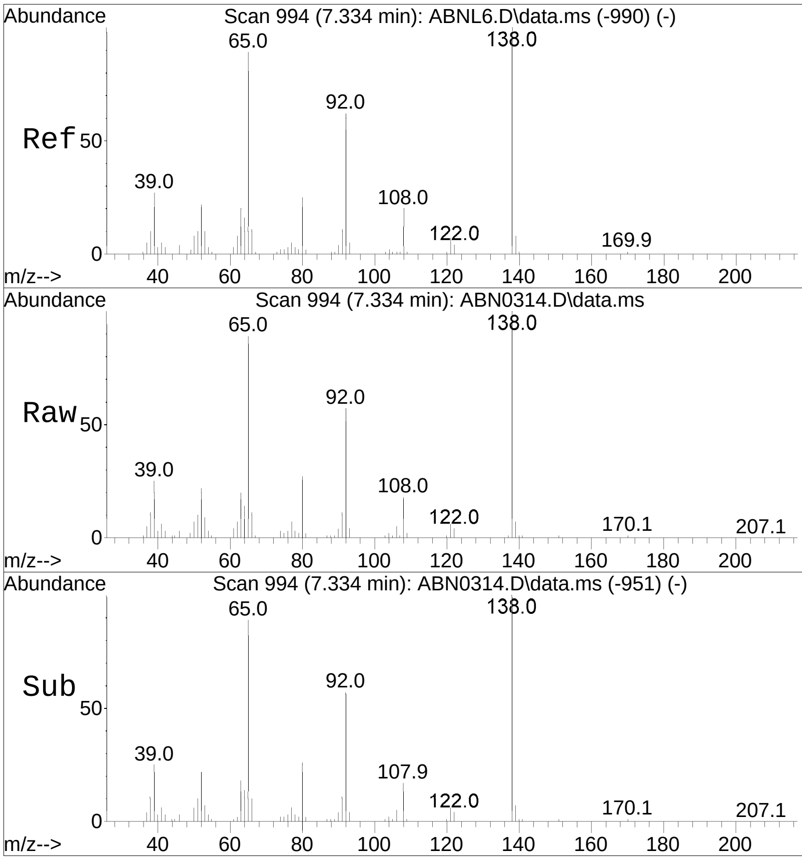


#47
2-Chloronaphthalene
Concen: 4.86 ug/ml
RT: 7.228 min Scan# 976
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:162 Resp: 80771

Ion	Ratio	Lower	Upper
162	100		
127	35.7	33.8	50.6
164	33.8	25.8	38.6

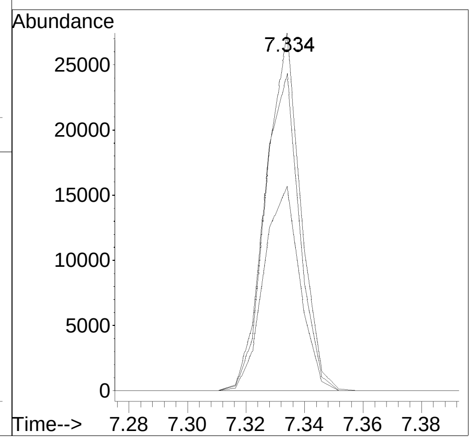


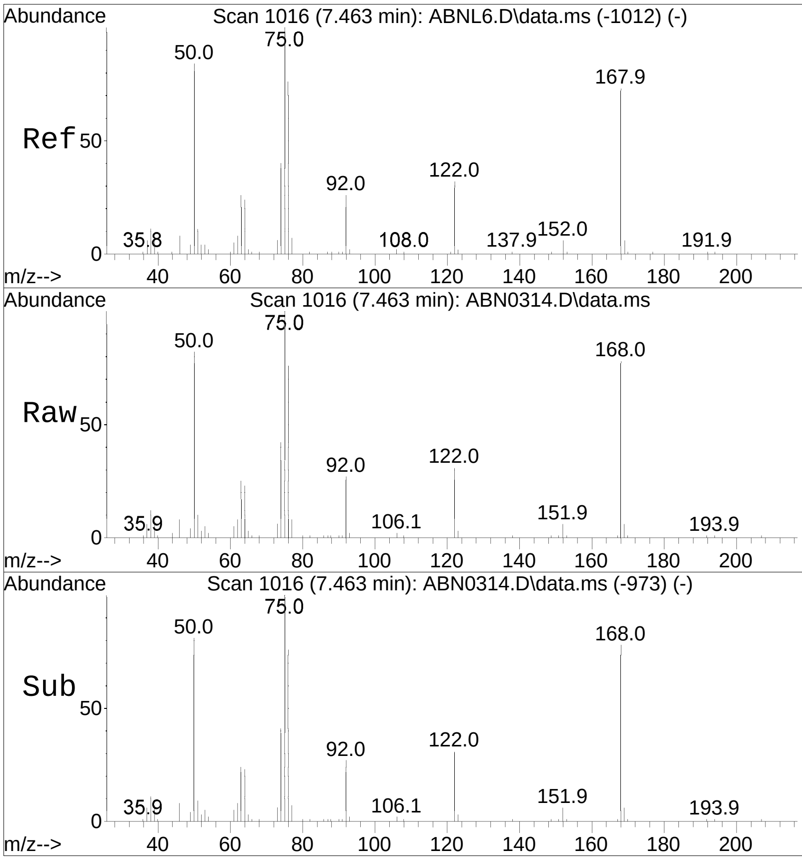


#48
2-Nitroaniline
Concen: 4.94 ug/ml
RT: 7.334 min Scan# 994
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:138 Resp: 22147

Ion	Ratio	Lower	Upper
138	100		
92	60.6	52.1	78.1
65	92.4	75.9	113.9

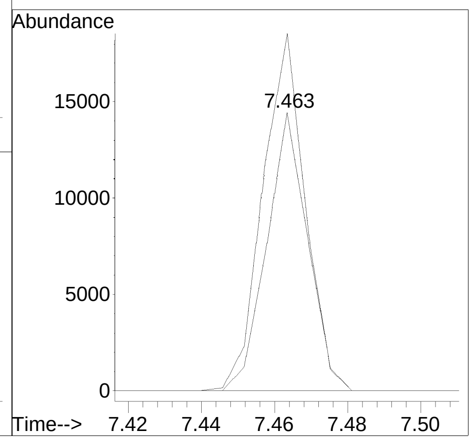


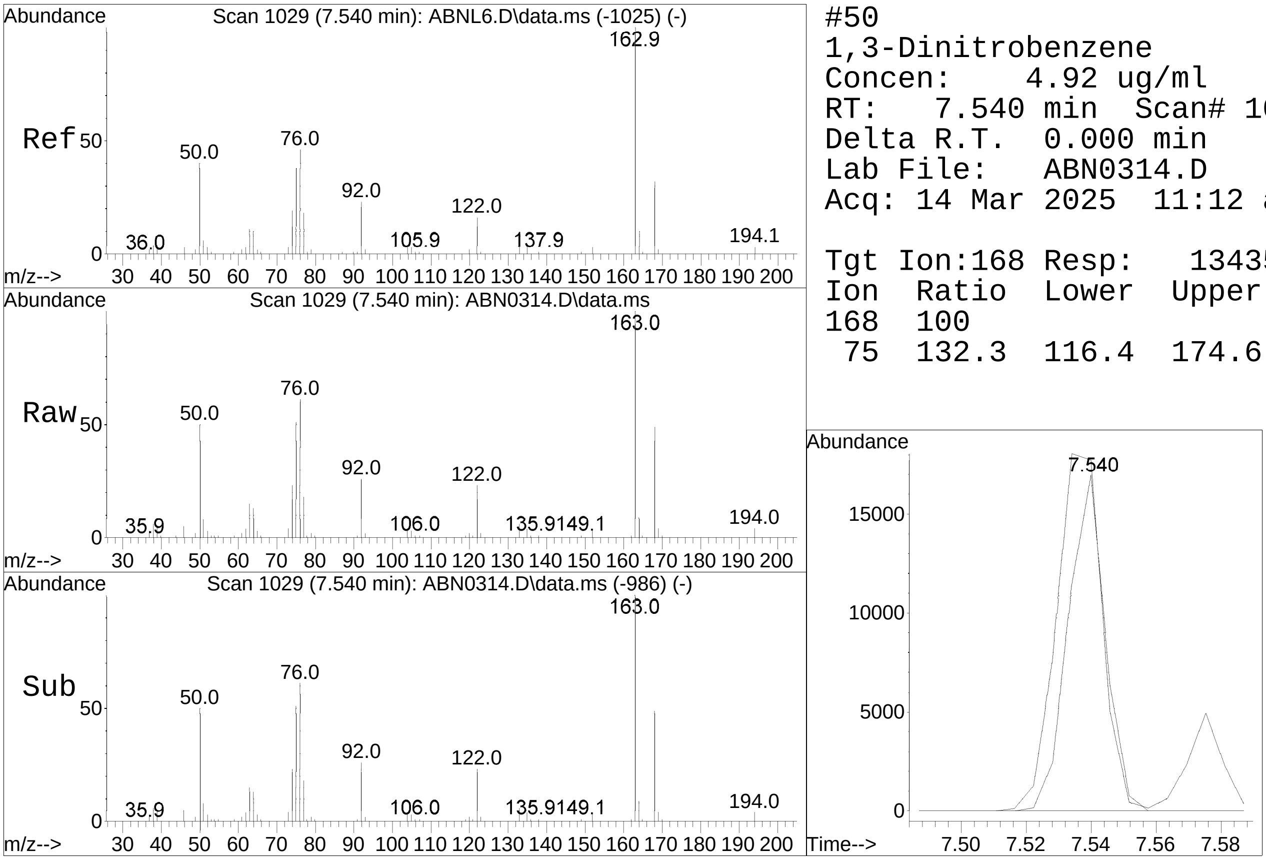


#49
1,4-Dinitrobenzene
Concen: 4.55 ug/ml
RT: 7.463 min Scan# 1016
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:168 Resp: 11178

Ion	Ratio	Lower	Upper
168	100		
75	132.6	111.0	166.4

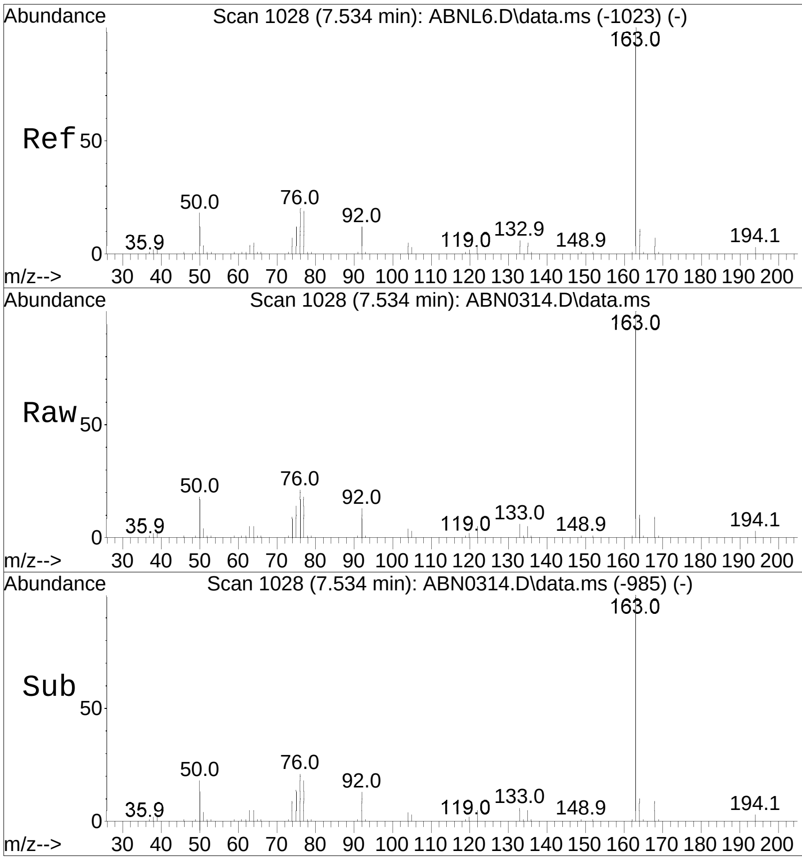




#50
1,3-Dinitrobenzene
Concen: 4.92 ug/ml
RT: 7.540 min Scan# 1029
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:168 Resp: 13435

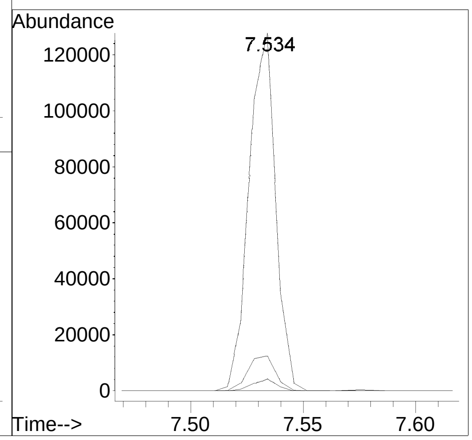
Ion	Ratio	Lower	Upper
168	100		
75	132.3	116.4	174.6

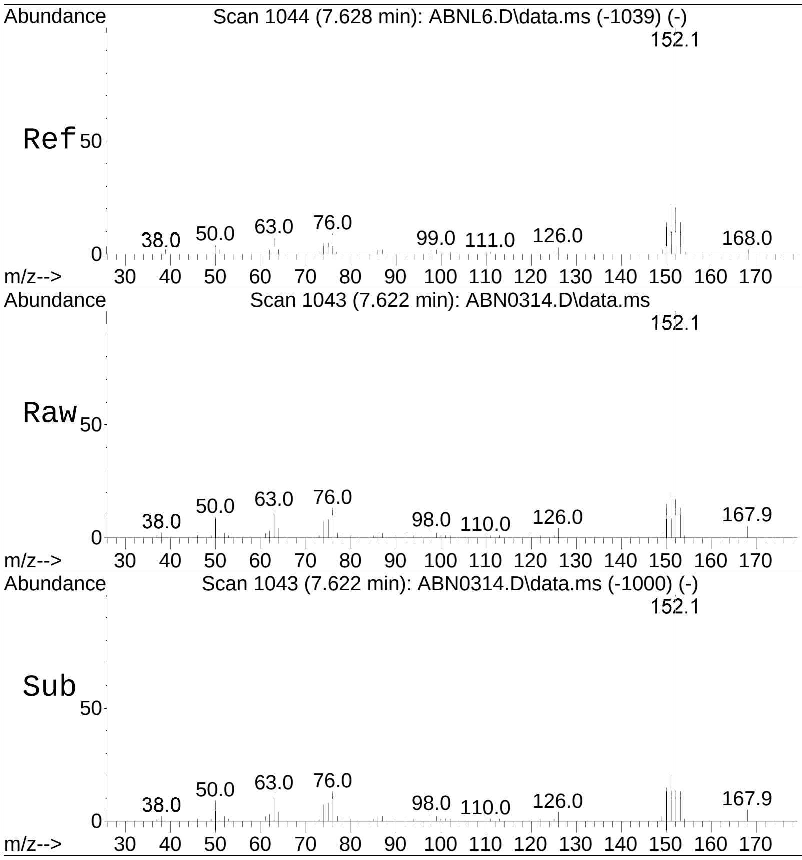


#51
Dimethyl phthalate
Concen: 4.90 ug/ml
RT: 7.534 min Scan# 1028
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:163 Resp: 104524

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.3	3.5
164	10.2	8.2	12.2

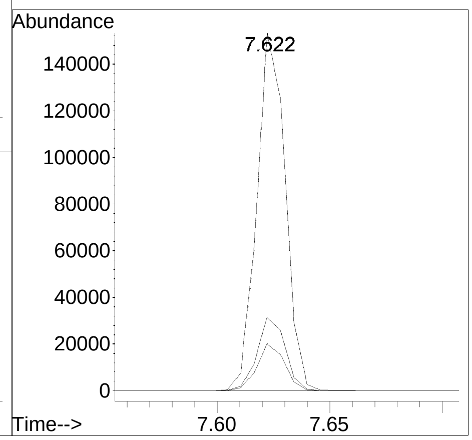


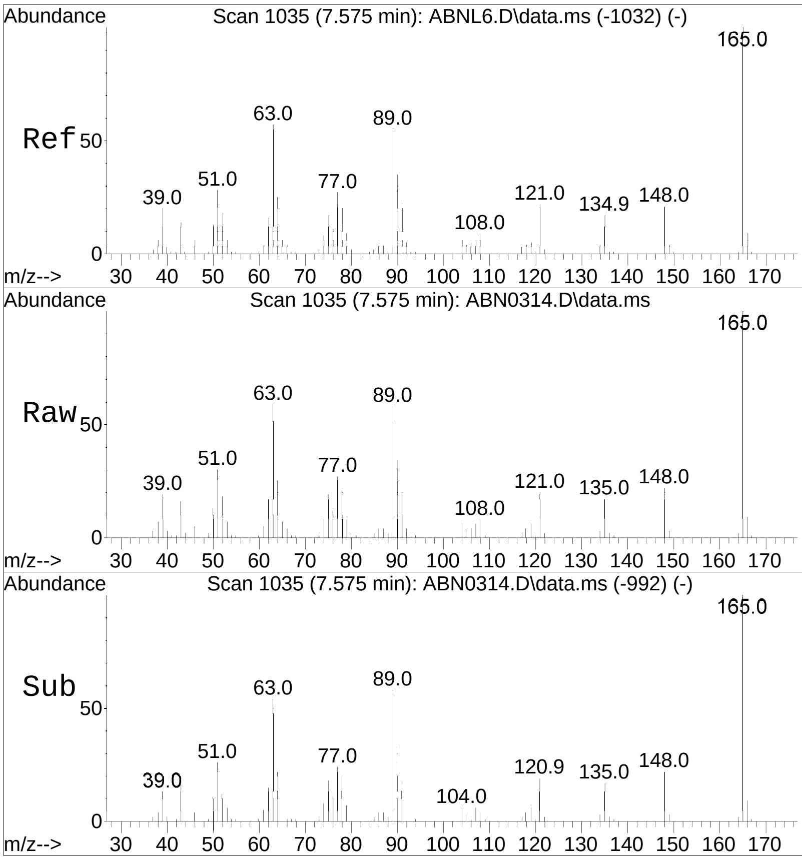


#52
Acenaphthylene
Concen: 4.96 ug/ml
RT: 7.622 min Scan# 1043
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:152 Resp: 133738

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	12.8	10.5	15.7

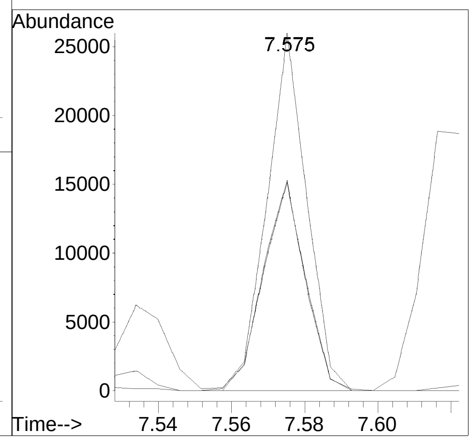


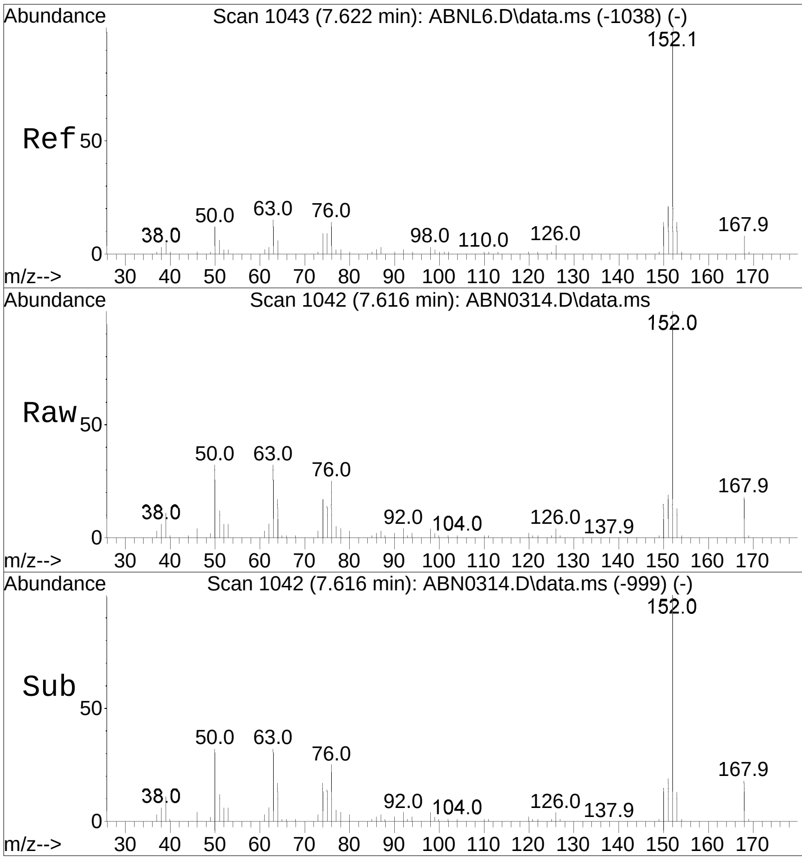


#53
2,6-Dinitrotoluene
Concen: 5.05 ug/ml
RT: 7.575 min Scan# 1035
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:165 Resp: 19675

Ion	Ratio	Lower	Upper
165	100		
89	61.6	48.8	73.2
63	62.1	50.5	75.7

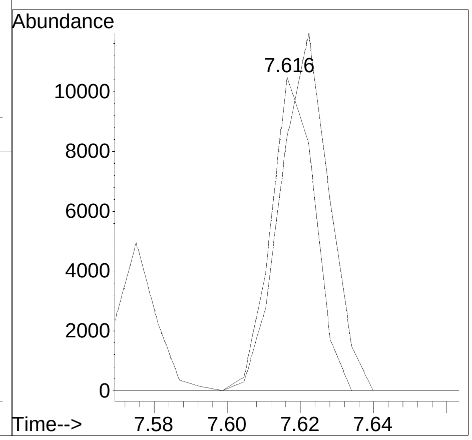


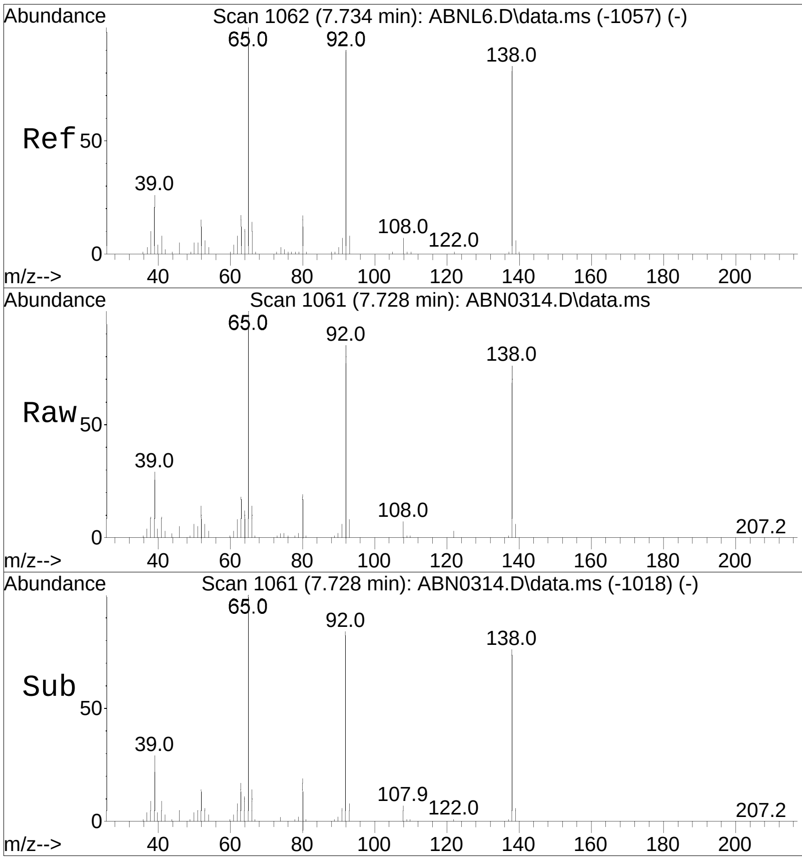


#54
1,2-Dinitrobenzene
Concen: 4.86 ug/ml
RT: 7.616 min Scan# 1042
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:168 Resp: 8782

Ion	Ratio	Lower	Upper
168	100		
75	125.7	32.2	48.2#

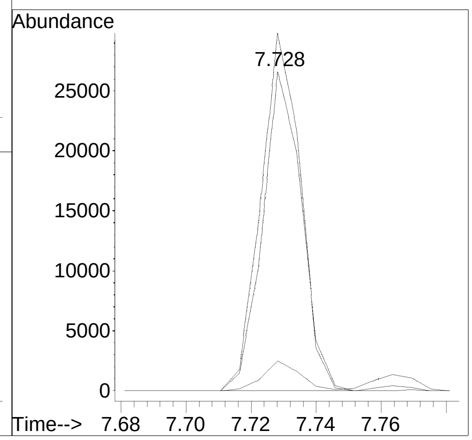


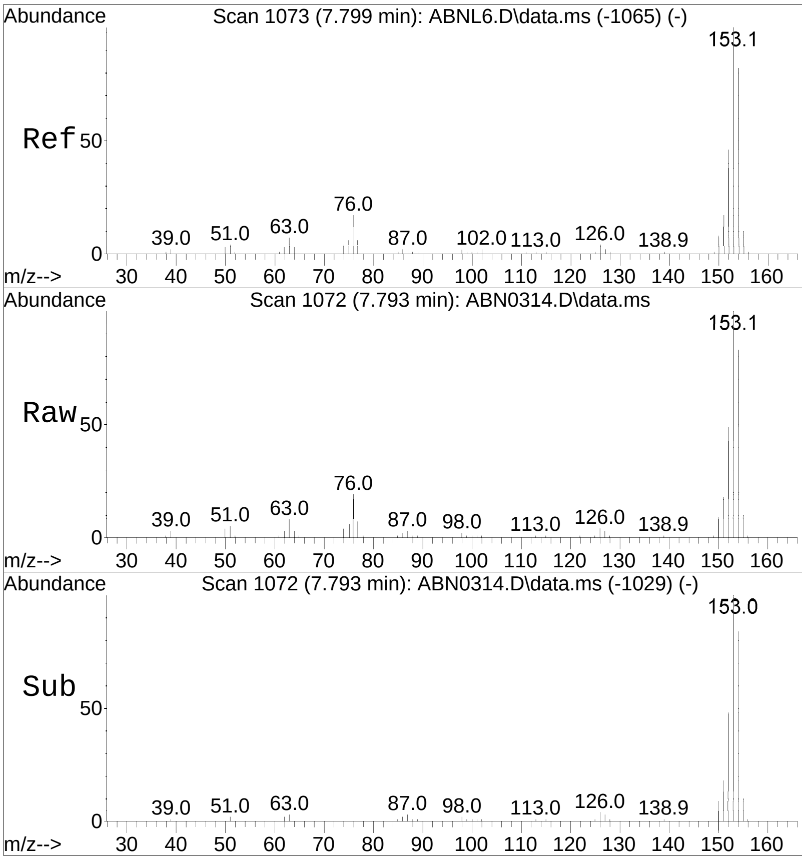


#64
3-Nitroaniline
Concen: 4.99 ug/ml
RT: 7.728 min Scan# 1061
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:138 Resp: 22129

Ion	Ratio	Lower	Upper
138	100		
92	113.2	92.8	139.2
108	9.1	7.9	11.9

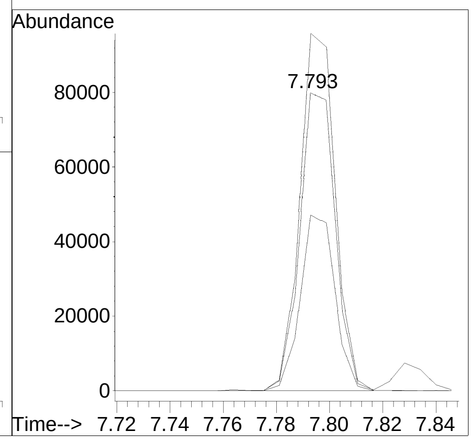


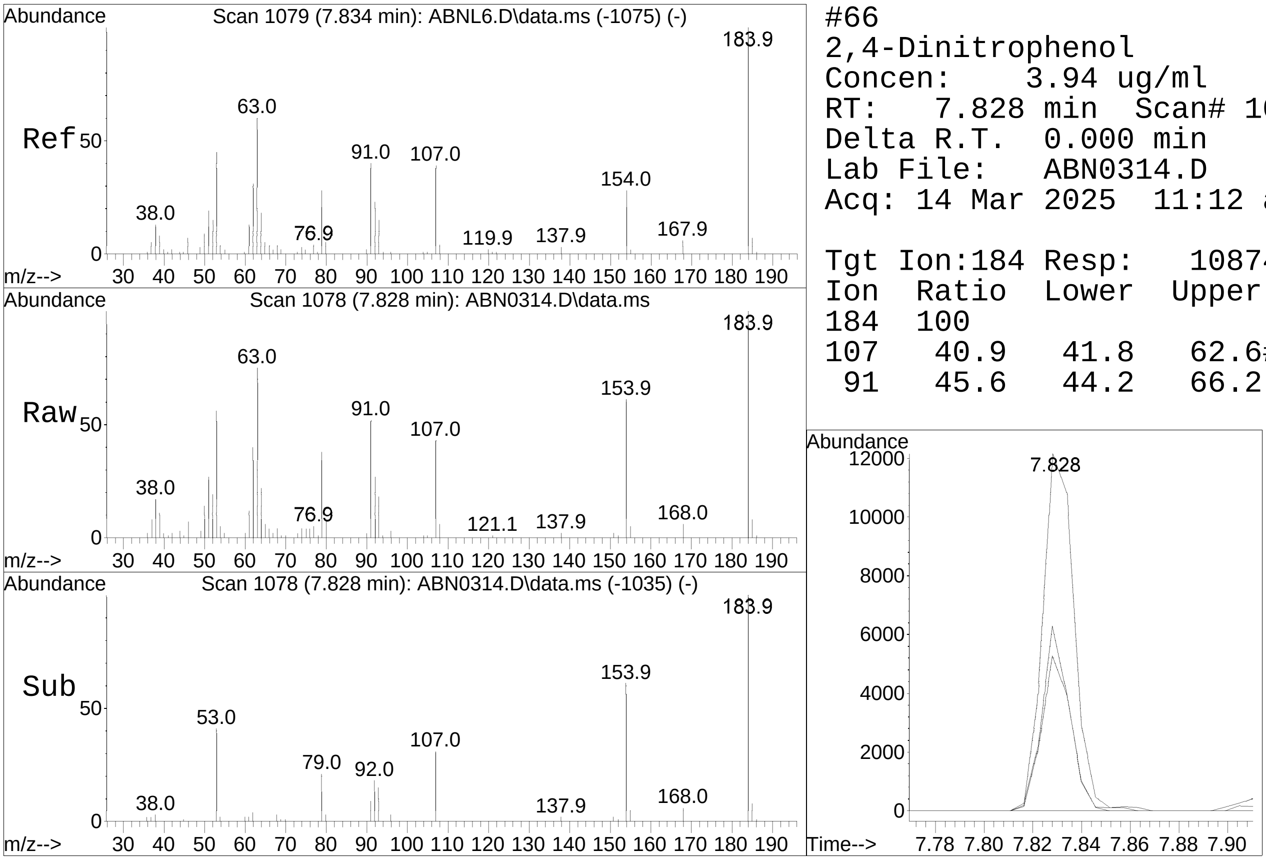


#65
Acenaphthene
Concen: 4.83 ug/ml
RT: 7.793 min Scan# 1072
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:154 Resp: 74404

Ion	Ratio	Lower	Upper
154	100		
153	118.8	93.0	139.4
152	57.7	43.3	64.9

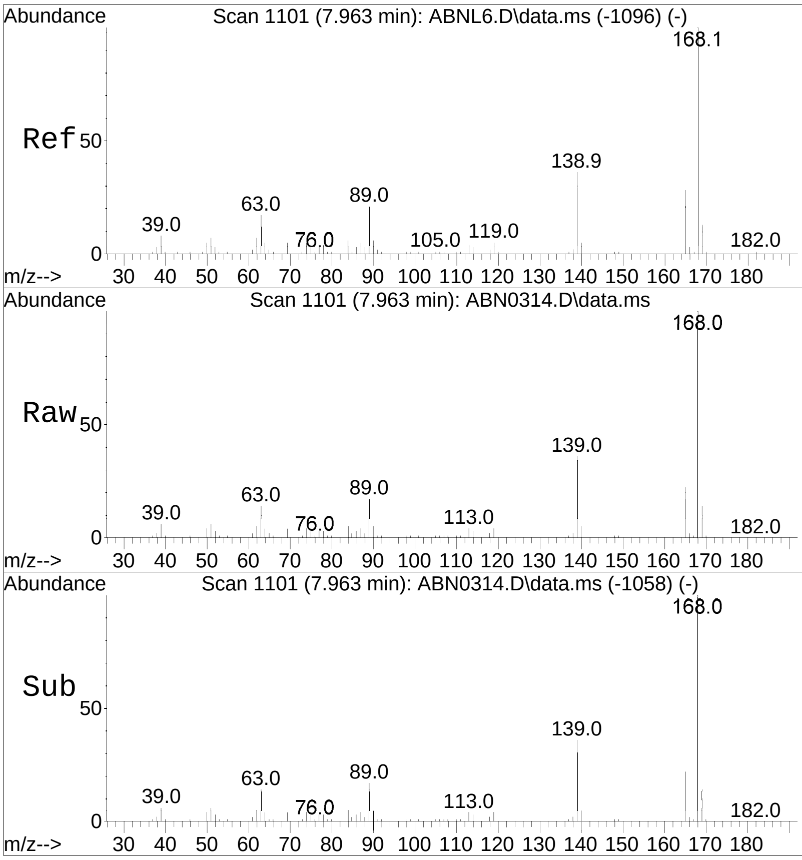




#66
2,4-Dinitrophenol
Concen: 3.94 ug/ml
RT: 7.828 min Scan# 1078
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:184 Resp: 10874

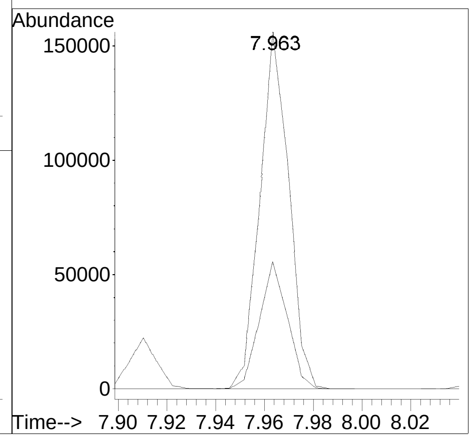
Ion	Ratio	Lower	Upper
184	100		
107	40.9	41.8	62.6#
91	45.6	44.2	66.2

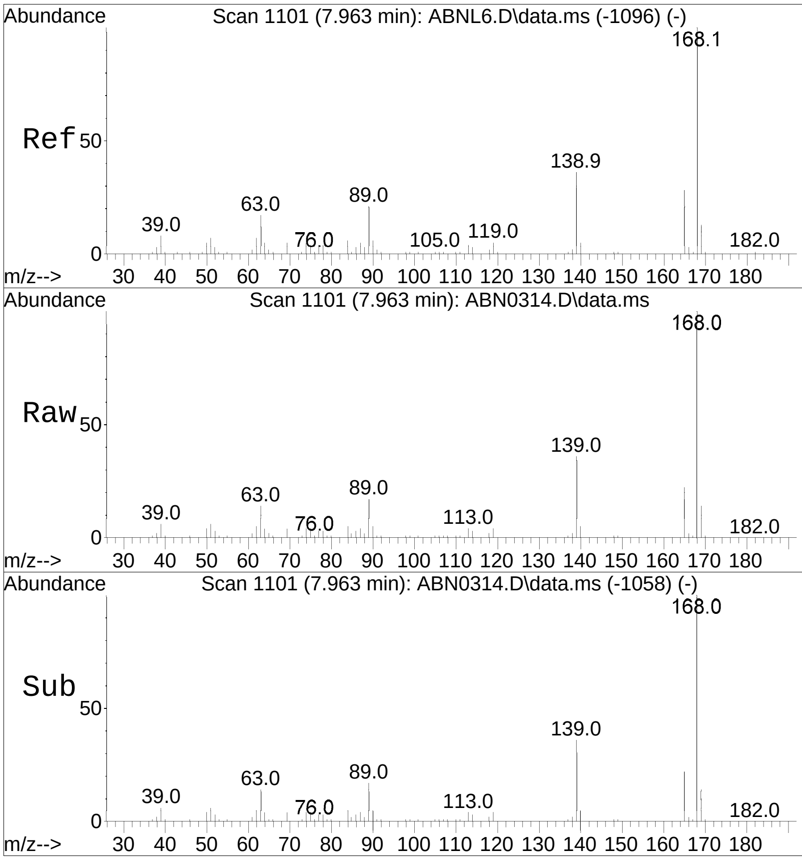


#67
Dibenzofuran
Concen: 4.82 ug/ml
RT: 7.963 min Scan# 1101
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:168 Resp: 127716

Ion	Ratio	Lower	Upper
168	100		
139	34.9	32.3	48.5

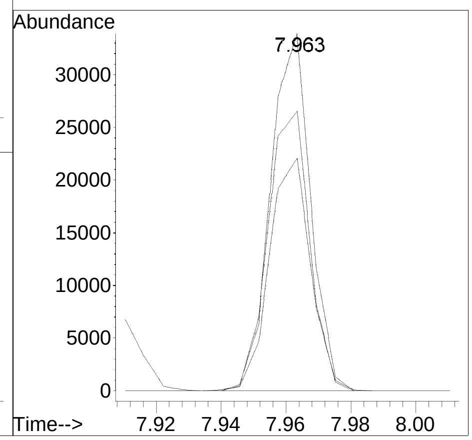


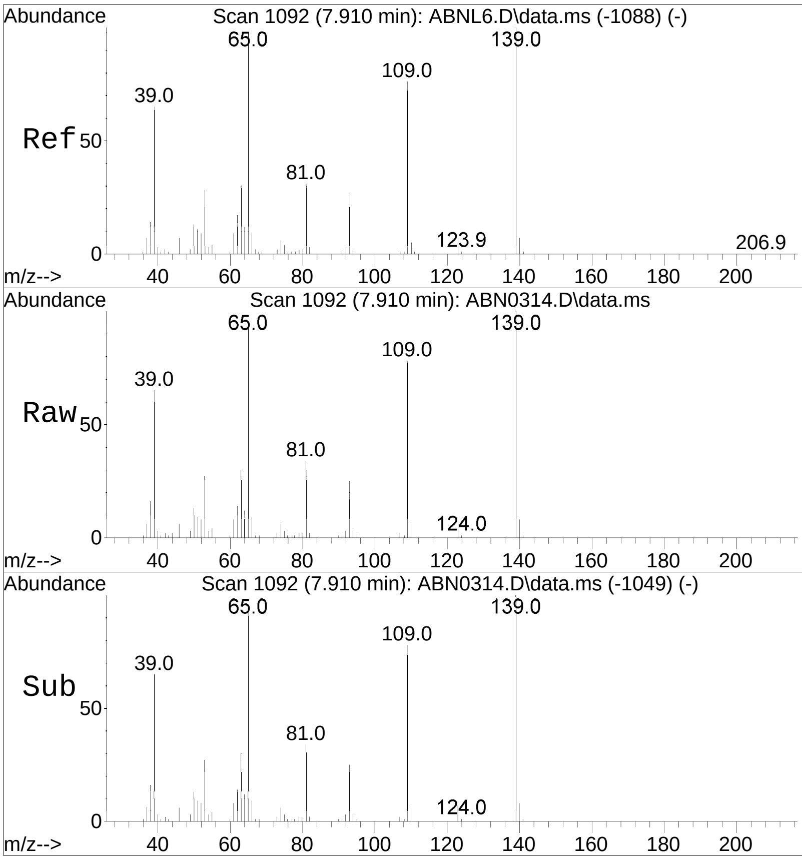


#68
2,4-Dinitrotoluene
Concen: 5.00 ug/ml
RT: 7.963 min Scan# 1101
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:165 Resp: 28872

Ion	Ratio	Lower	Upper
165	100		
89	82.2	73.0	109.4
63	67.7	56.3	84.5

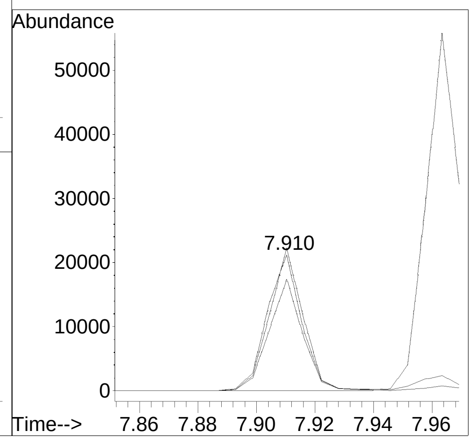


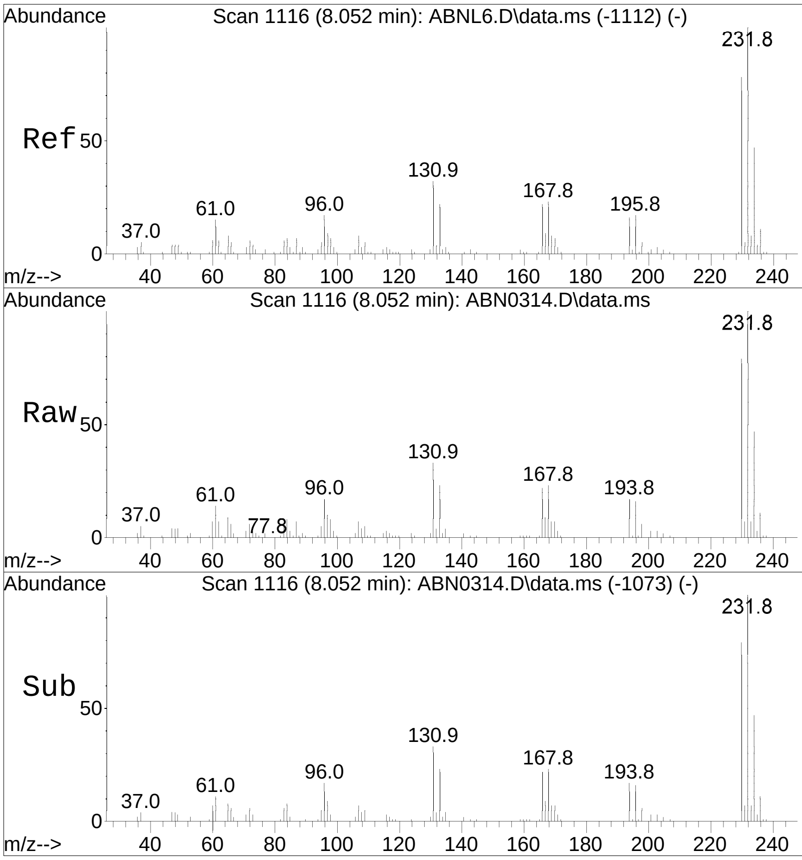


#69
4-Nitrophenol
Concen: 5.29 ug/ml
RT: 7.910 min Scan# 1092
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 65 Resp: 17425

Ion	Ratio	Lower	Upper
65	100		
109	79.3	60.2	90.2
139	101.3	81.1	121.7

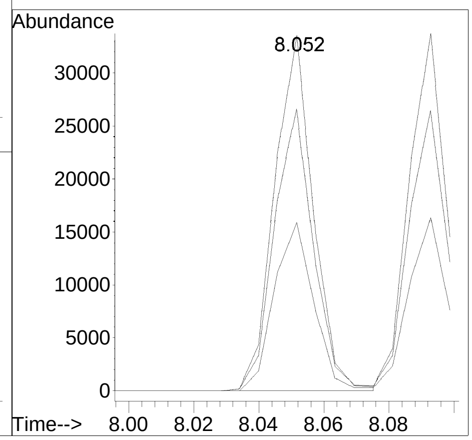


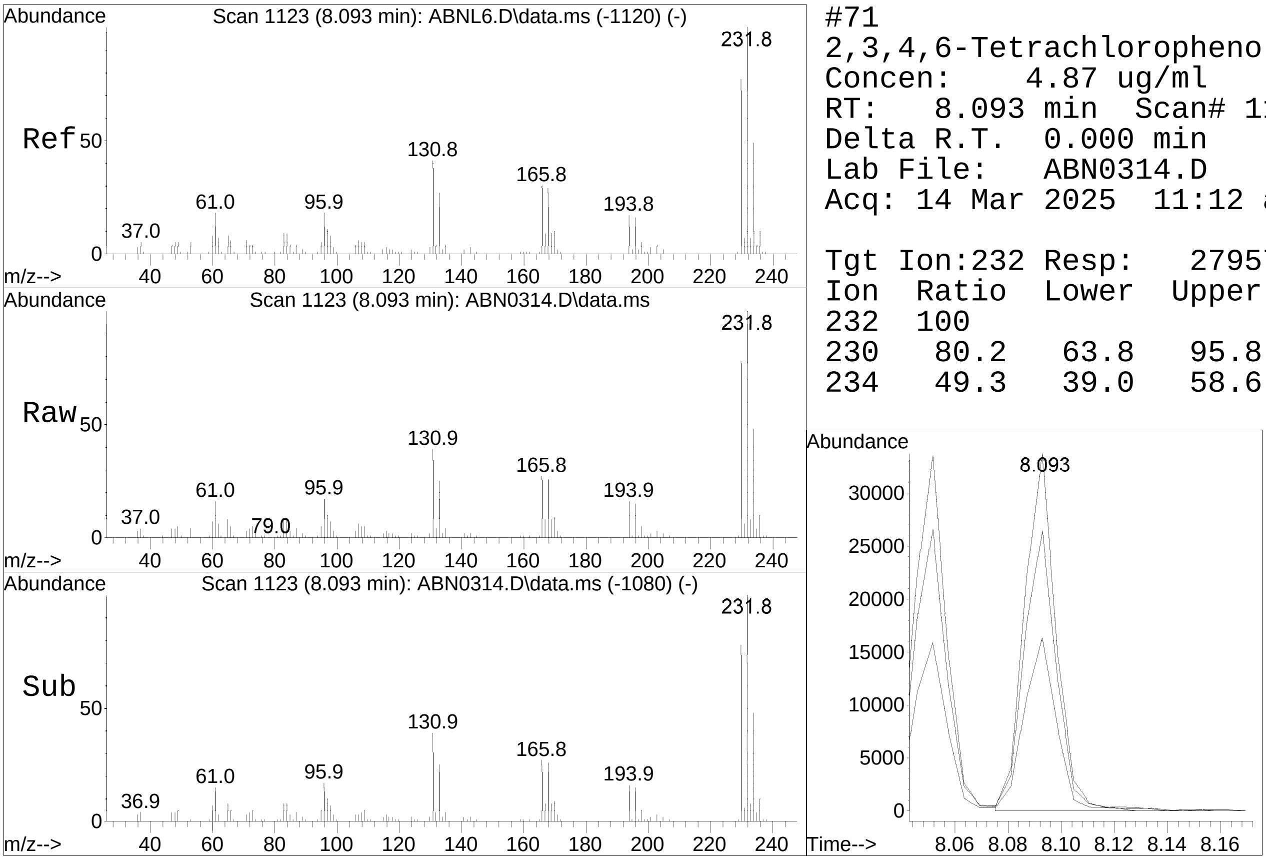


#70
2,3,5,6-Tetrachlorophenol
Concen: 4.92 ug/ml
RT: 8.052 min Scan# 1116
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:232 Resp: 27713

Ion	Ratio	Lower	Upper
232	100		
230	80.7	63.8	95.8
234	48.7	38.3	57.5

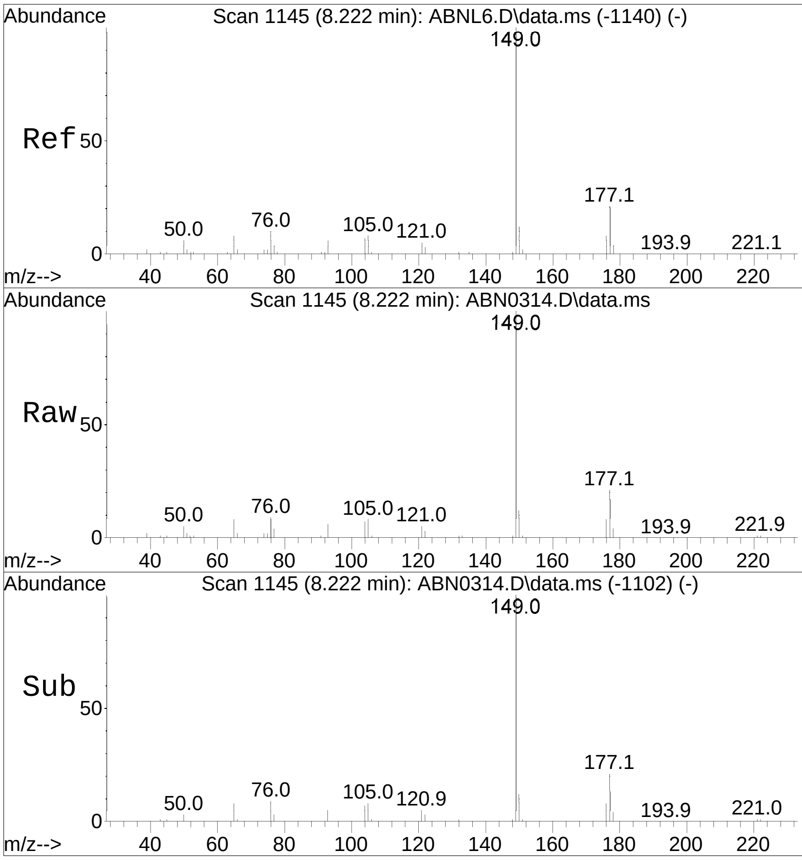




#71
2,3,4,6-Tetrachlorophenol
Concen: 4.87 ug/ml
RT: 8.093 min Scan# 1123
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:232 Resp: 27957

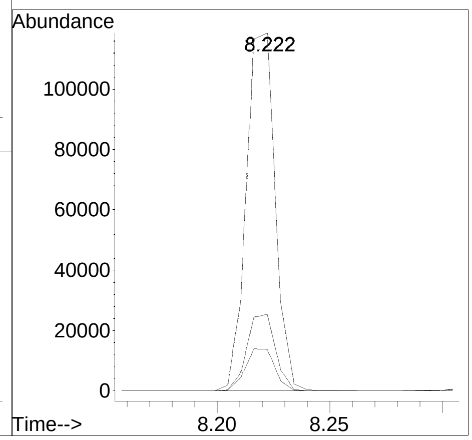
Ion	Ratio	Lower	Upper
232	100		
230	80.2	63.8	95.8
234	49.3	39.0	58.6

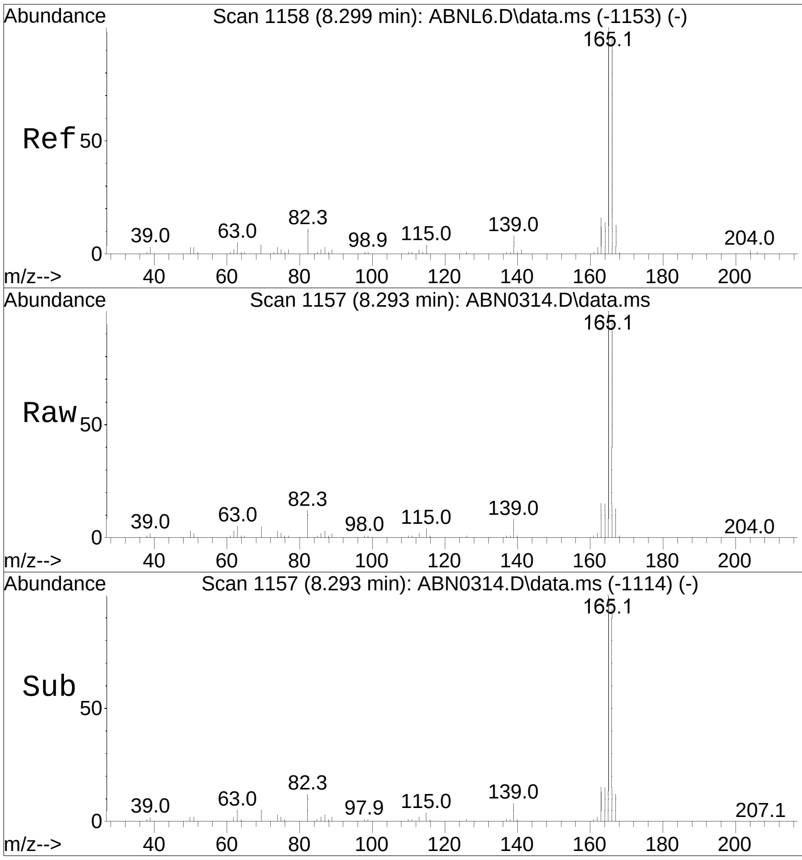


#72
Diethyl phthalate
Concen: 4.91 ug/ml
RT: 8.222 min Scan# 1145
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:149 Resp: 105634

Ion	Ratio	Lower	Upper
149	100		
177	21.2	15.0	22.6
150	12.0	9.8	14.6

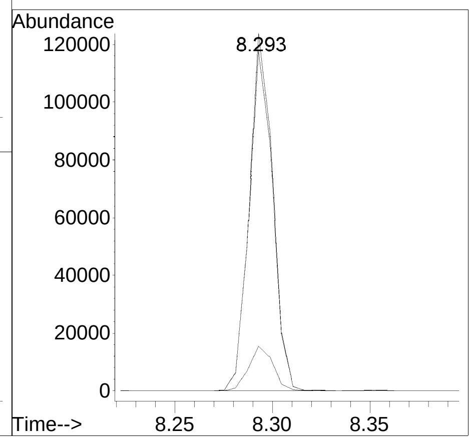


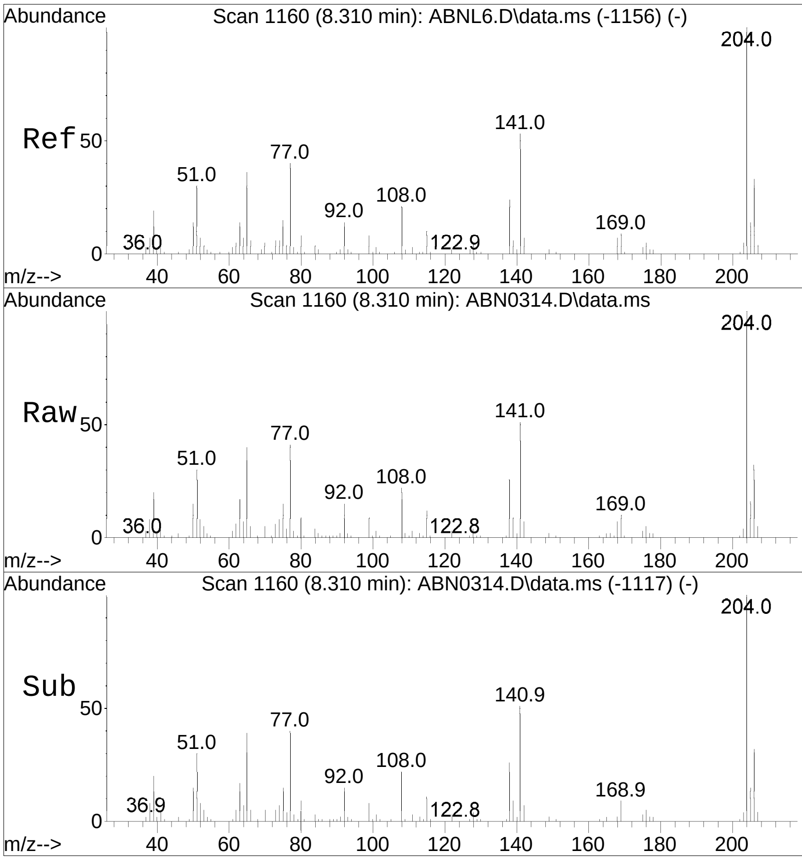


#73
Fluorene
Concen: 4.77 ug/ml
RT: 8.293 min Scan# 1157
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:166 Resp: 99223

Ion	Ratio	Lower	Upper
166	100		
165	103.8	80.0	120.0
167	13.5	10.7	16.1

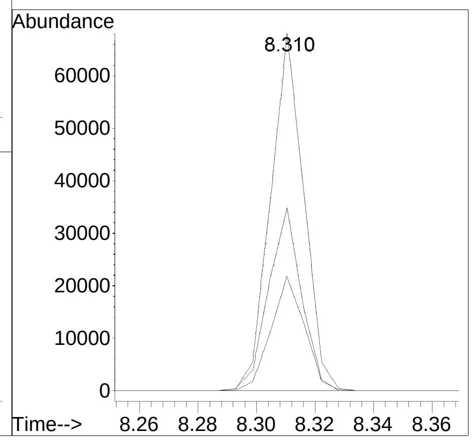


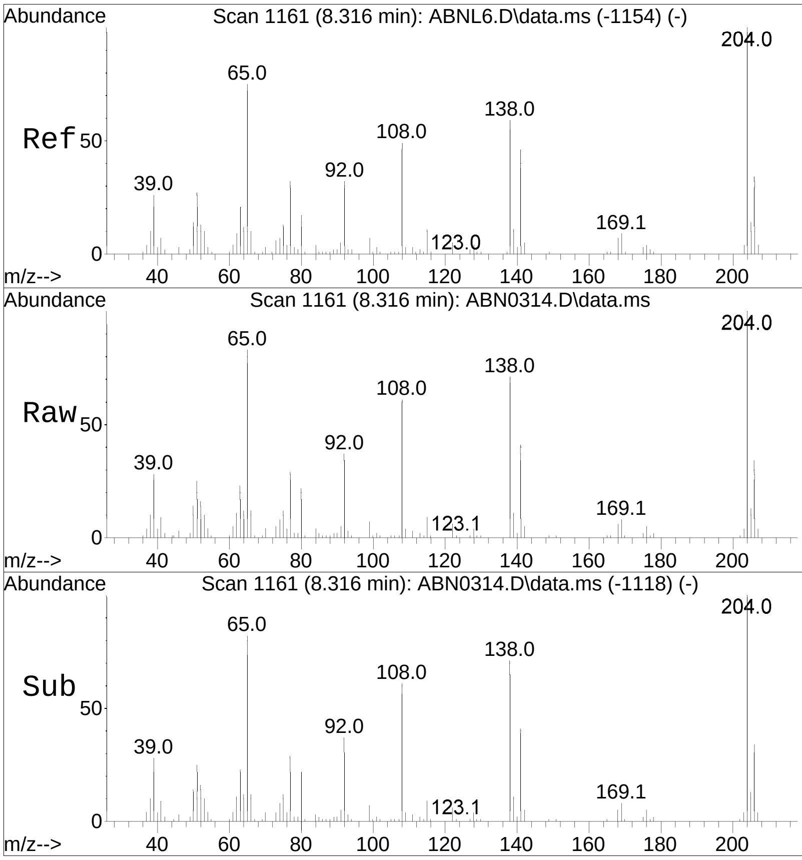


#74
4-Chlorophenyl phenyl ether
Concen: 4.86 ug/ml
RT: 8.310 min Scan# 1160
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:204 Resp: 53428

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	51.1	58.4	87.6#

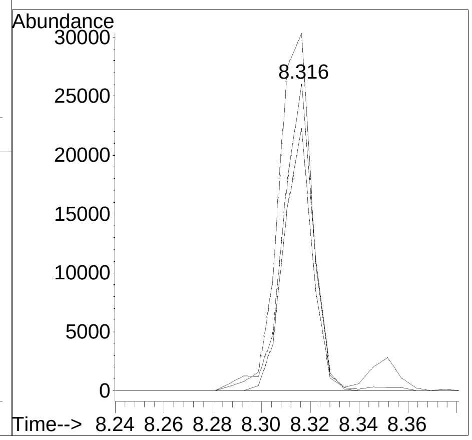


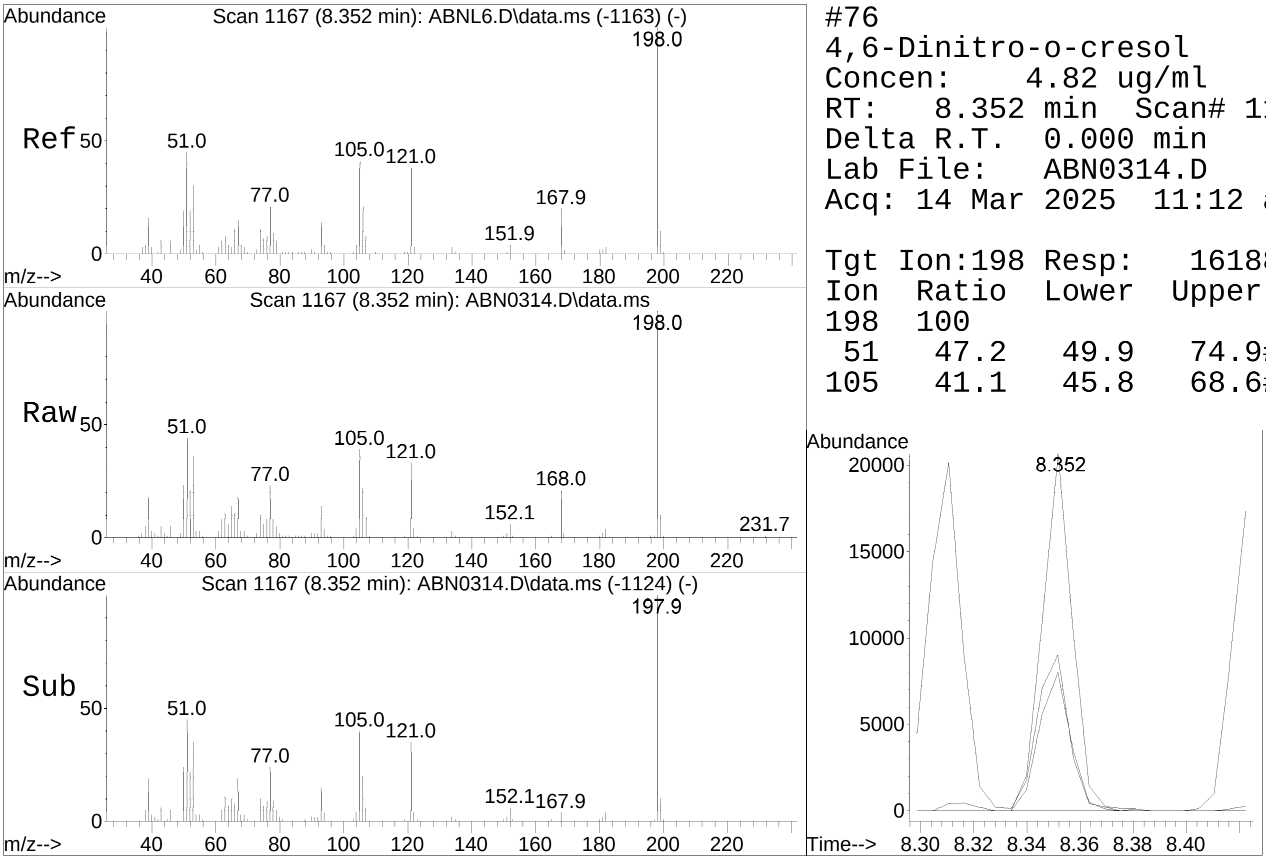


#75
4-Nitroaniline
Concen: 4.91 ug/ml
RT: 8.316 min Scan# 1161
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:138 Resp: 22682

Ion	Ratio	Lower	Upper
138	100		
108	80.5	59.2	88.8
65	127.5	97.6	146.4

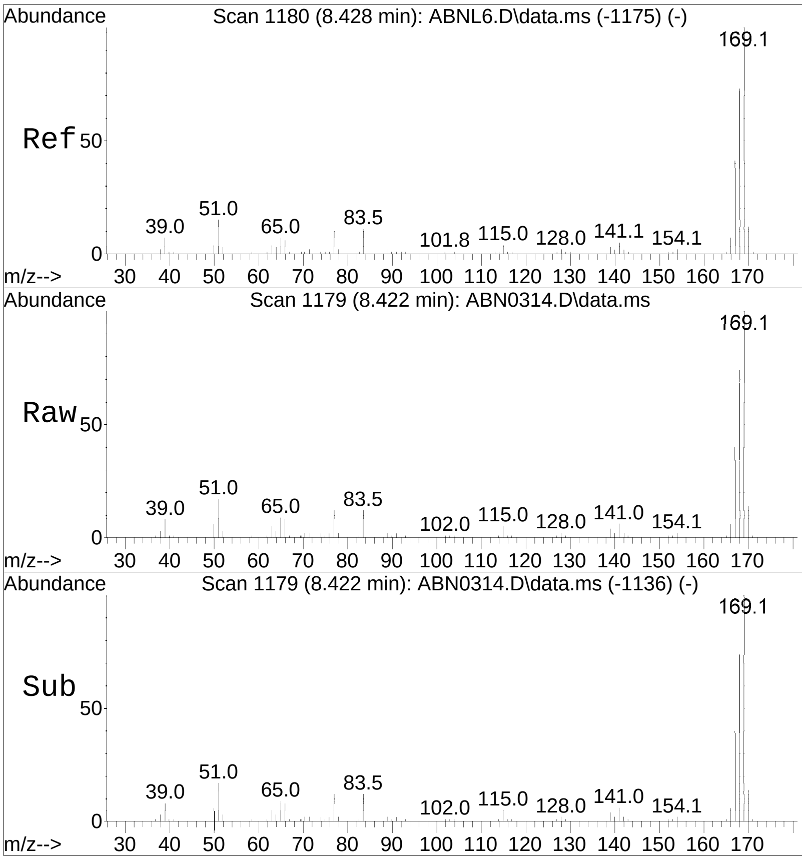




#76
4,6-Dinitro-o-cresol
Concen: 4.82 ug/ml
RT: 8.352 min Scan# 1167
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:198 Resp: 16188

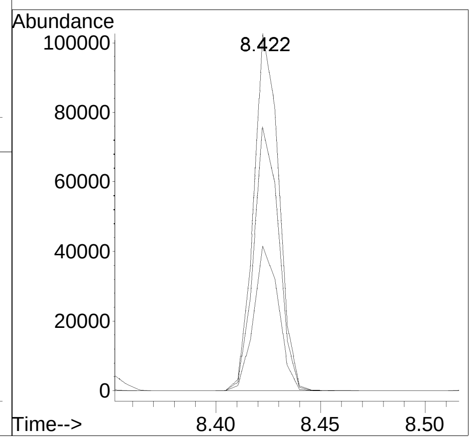
Ion	Ratio	Lower	Upper
198	100		
51	47.2	49.9	74.9#
105	41.1	45.8	68.6#

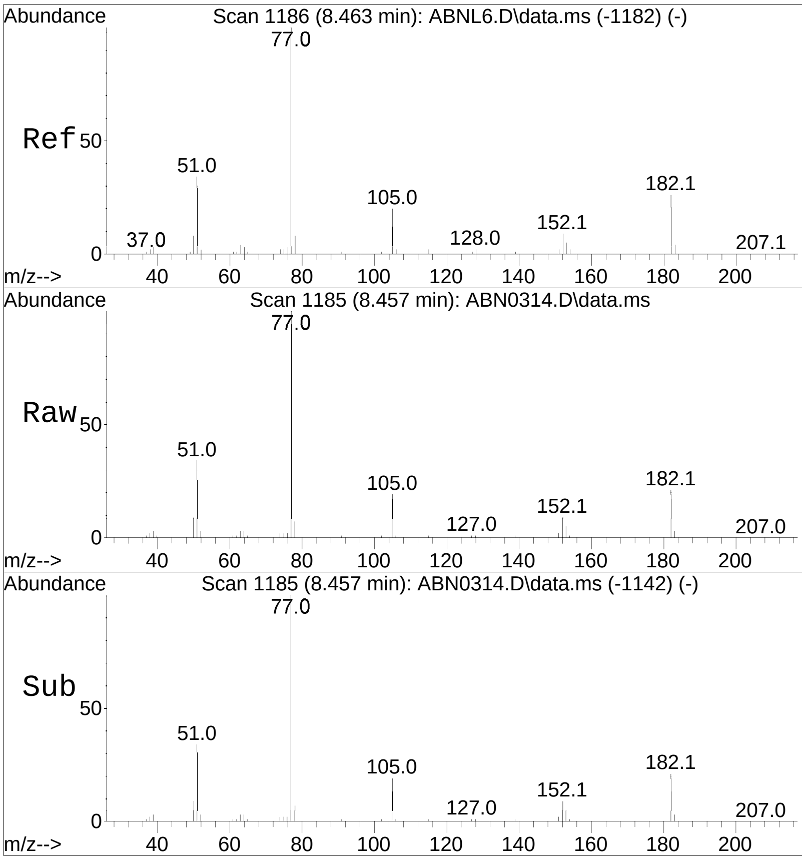


#77
NDPA/DPA
Concen: 5.03 ug/ml
RT: 8.422 min Scan# 1179
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:169 Resp: 86065

Ion	Ratio	Lower	Upper
169	100		
168	74.0	55.2	82.8
167	40.2	30.4	45.6

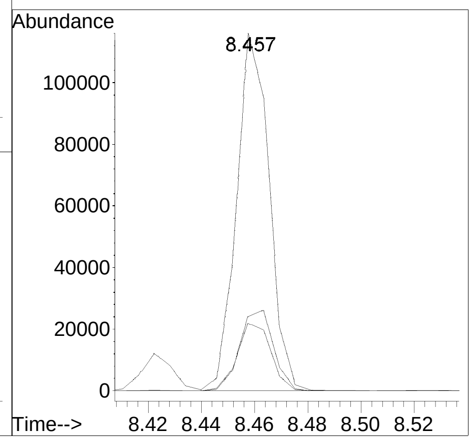


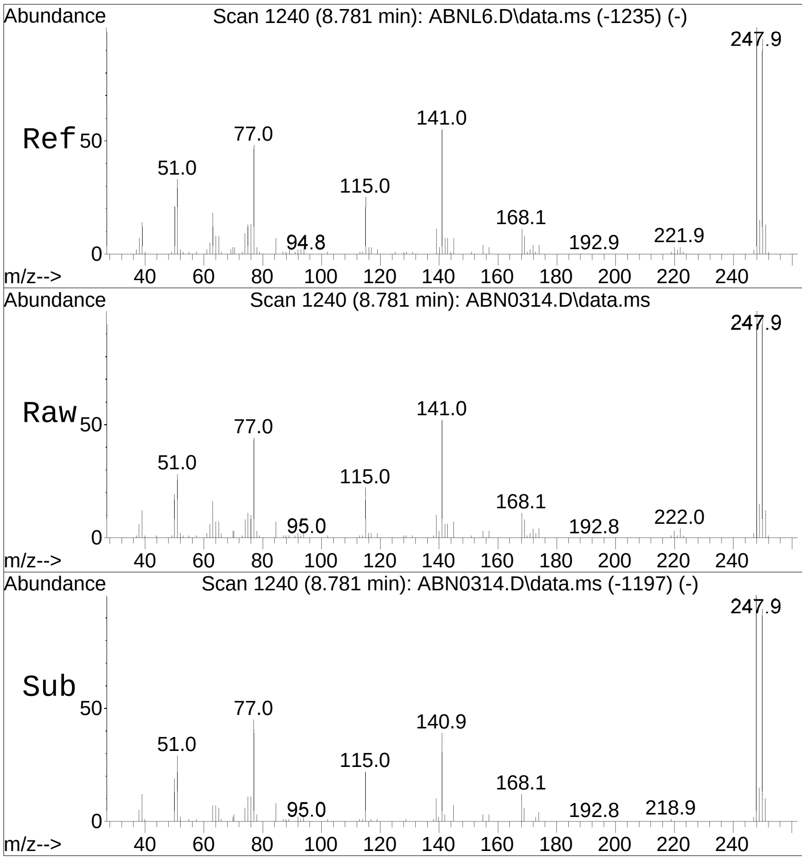


#78
Azobenzene
Concen: 5.12 ug/ml
RT: 8.457 min Scan# 1185
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion: 77 Resp: 98527

Ion	Ratio	Lower	Upper
77	100		
182	23.5	16.2	24.2
105	19.7	17.9	26.9

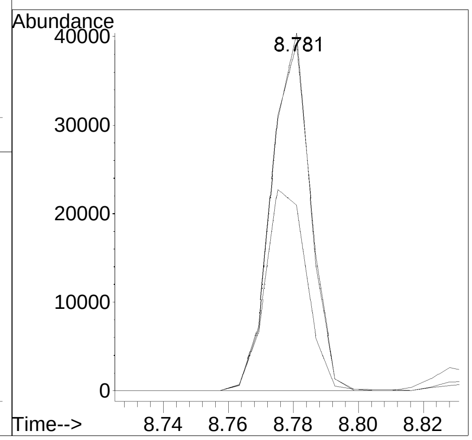


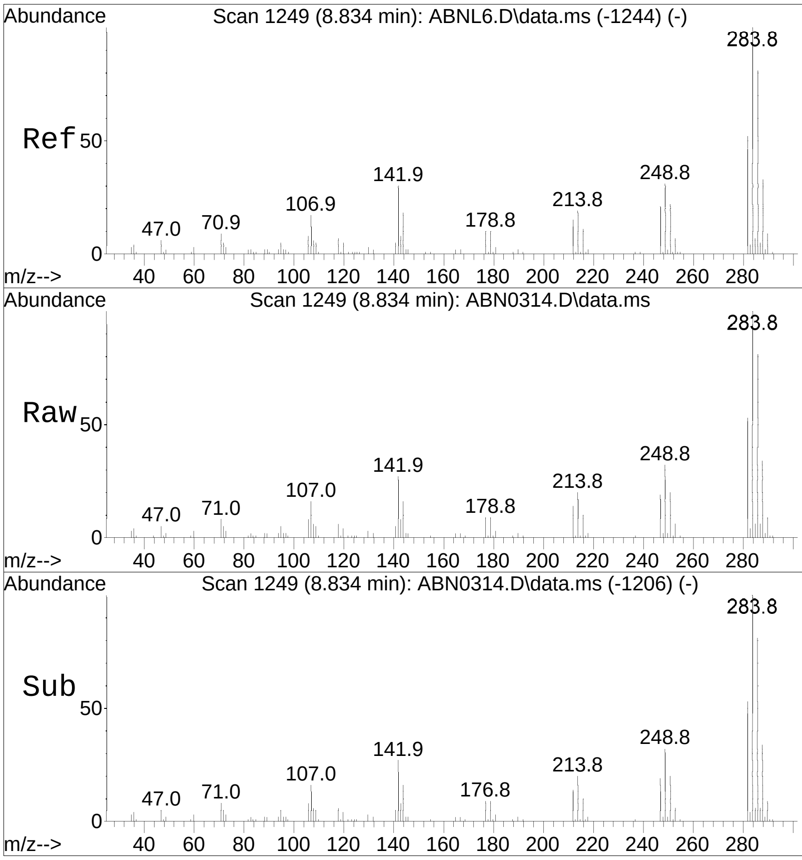


#80
4-Bromophenyl phenyl ether
Concen: 4.64 ug/ml
RT: 8.781 min Scan# 1240
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:248 Resp: 33157

Ion	Ratio	Lower	Upper
248	100		
141	61.2	74.6	111.8#
250	101.0	76.9	115.3

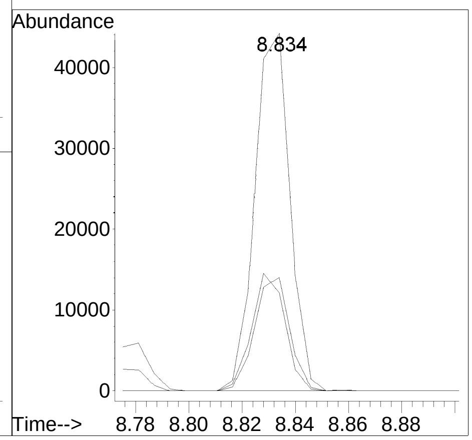


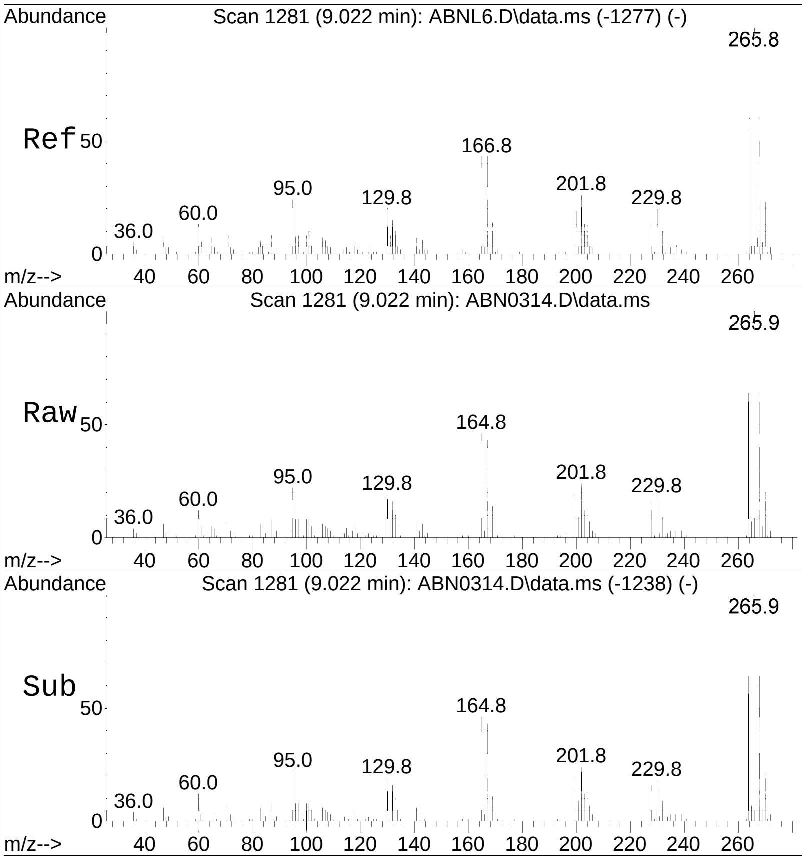


#81
Hexachlorobenzene
Concen: 4.82 ug/ml
RT: 8.834 min Scan# 1249
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:284 Resp: 40548

Ion	Ratio	Lower	Upper
284	100		
142	31.4	37.6	56.4#
249	31.7	25.4	38.2

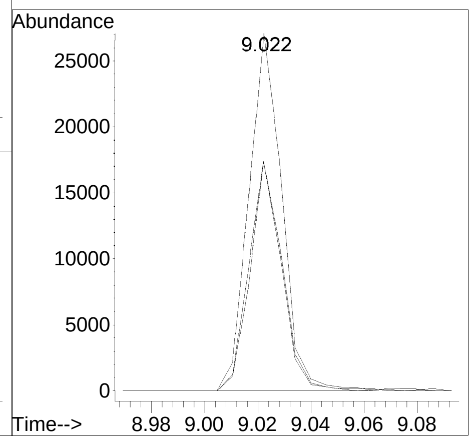


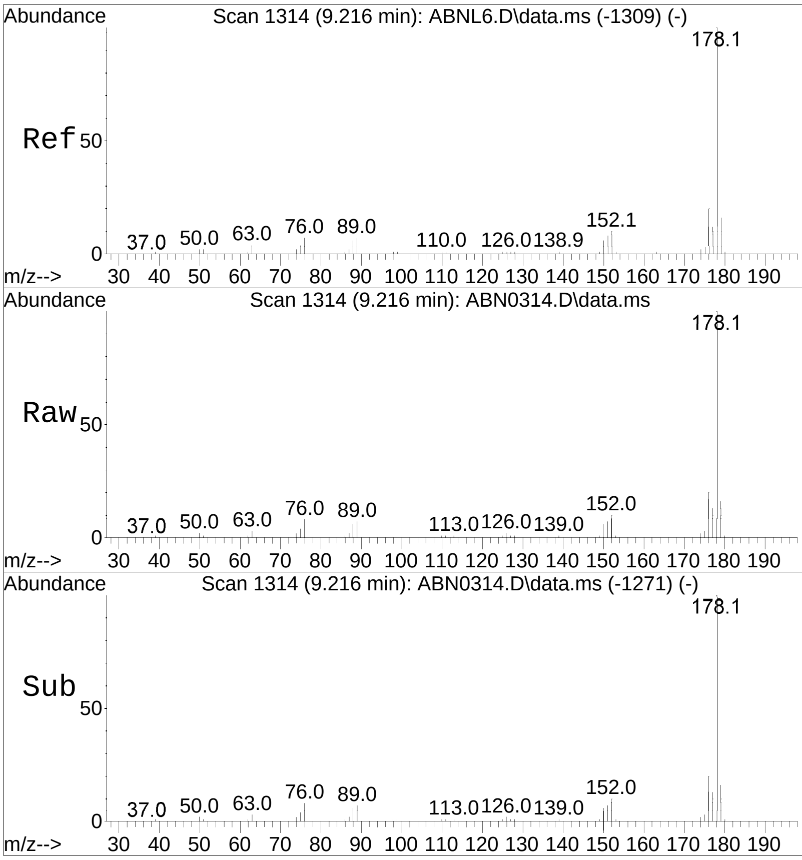


#82
Pentachlorophenol
Concen: 5.14 ug/ml
RT: 9.022 min Scan# 1281
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:266 Resp: 23268

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.7	76.1
268	63.1	52.5	78.7

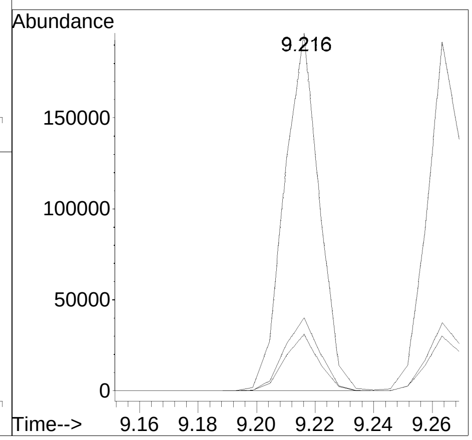


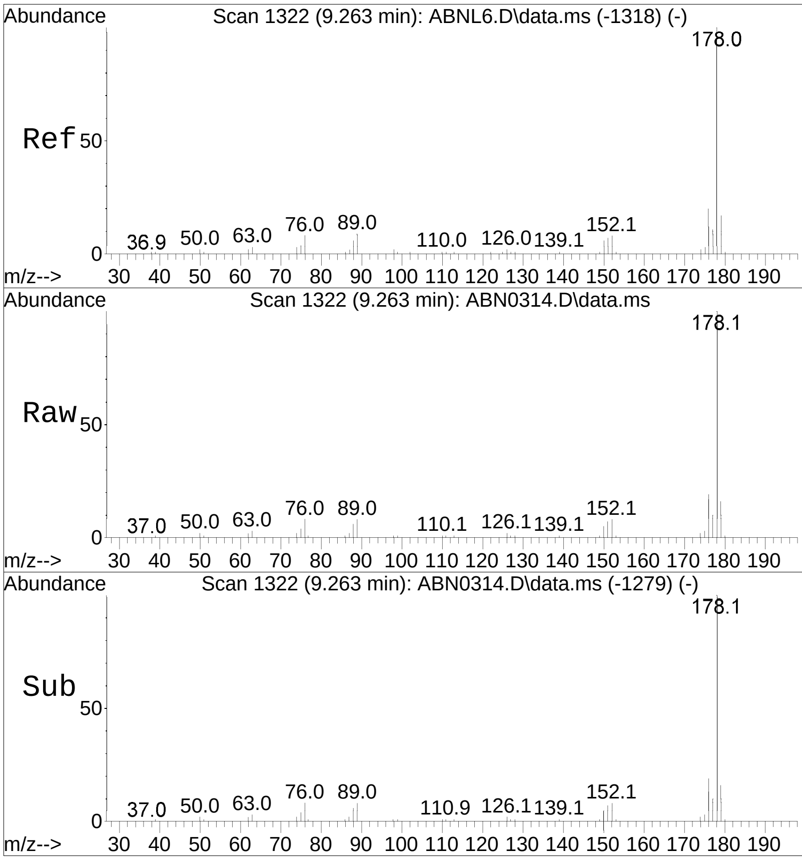


#89
Phenanthrene
Concen: 4.80 ug/ml
RT: 9.216 min Scan# 1314
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:178 Resp: 163772

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	20.3	15.4	23.2

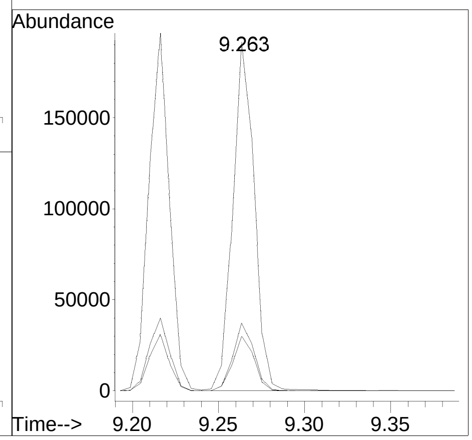


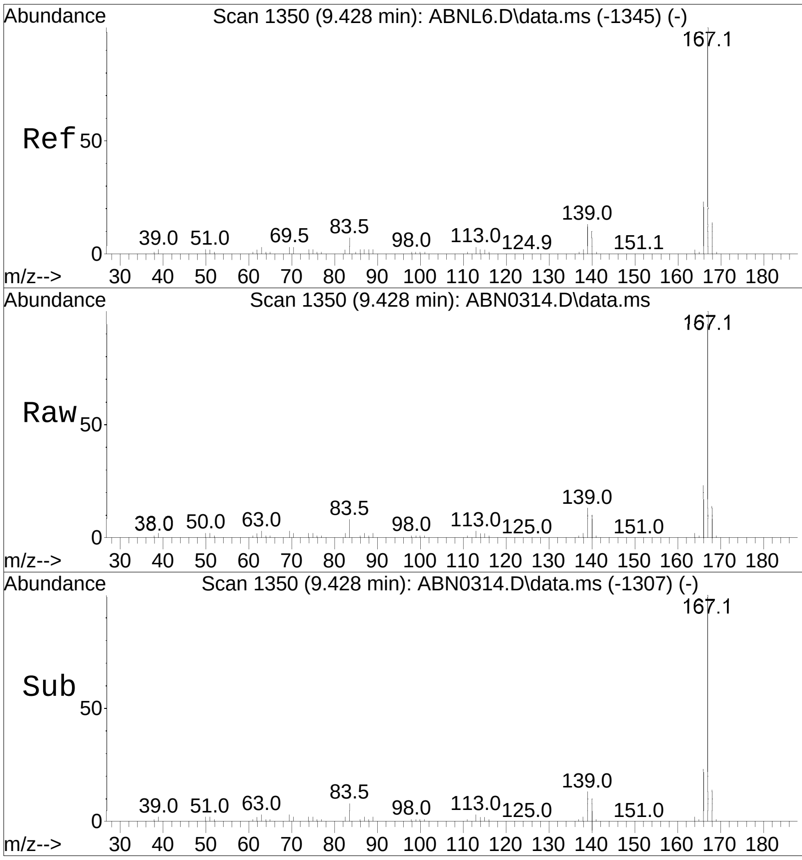


#90
Anthracene
Concen: 5.08 ug/ml
RT: 9.263 min Scan# 1322
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:178 Resp: 166349

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	19.1	15.1	22.7

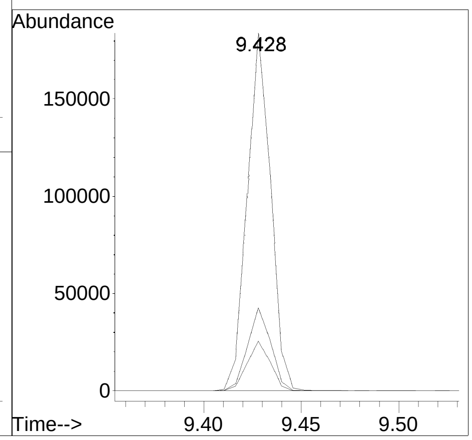


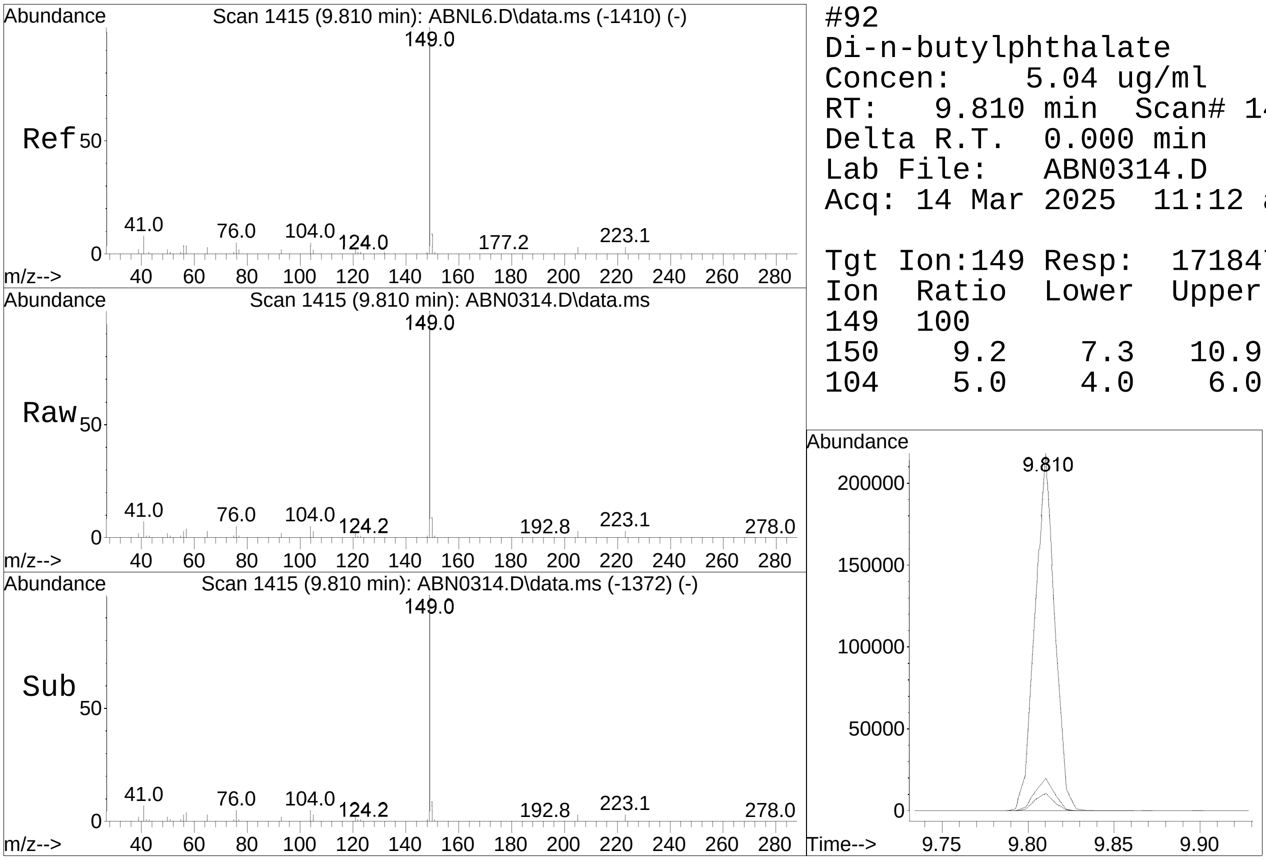


#91
Carbazole
Concen: 5.02 ug/ml
RT: 9.428 min Scan# 1350
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:167 Resp: 152973

Ion	Ratio	Lower	Upper
167	100		
168	13.8	10.8	16.2
166	23.1	17.7	26.5

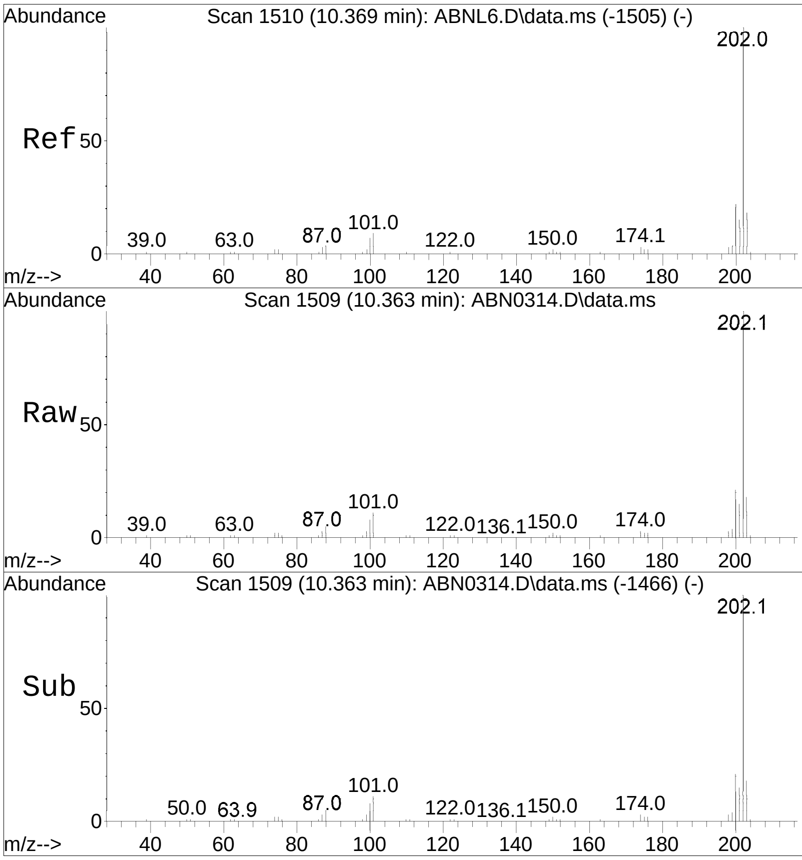




#92
Di-n-butylphthalate
Concen: 5.04 ug/ml
RT: 9.810 min Scan# 1415
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:149 Resp: 171847

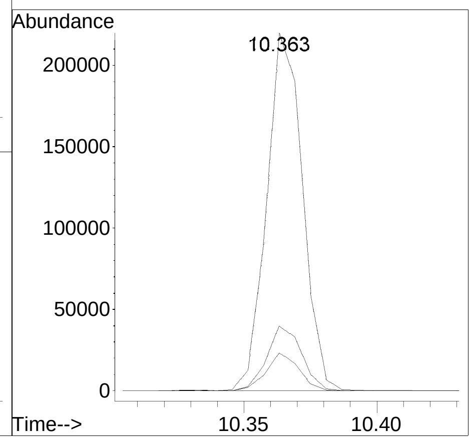
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.0	4.0	6.0

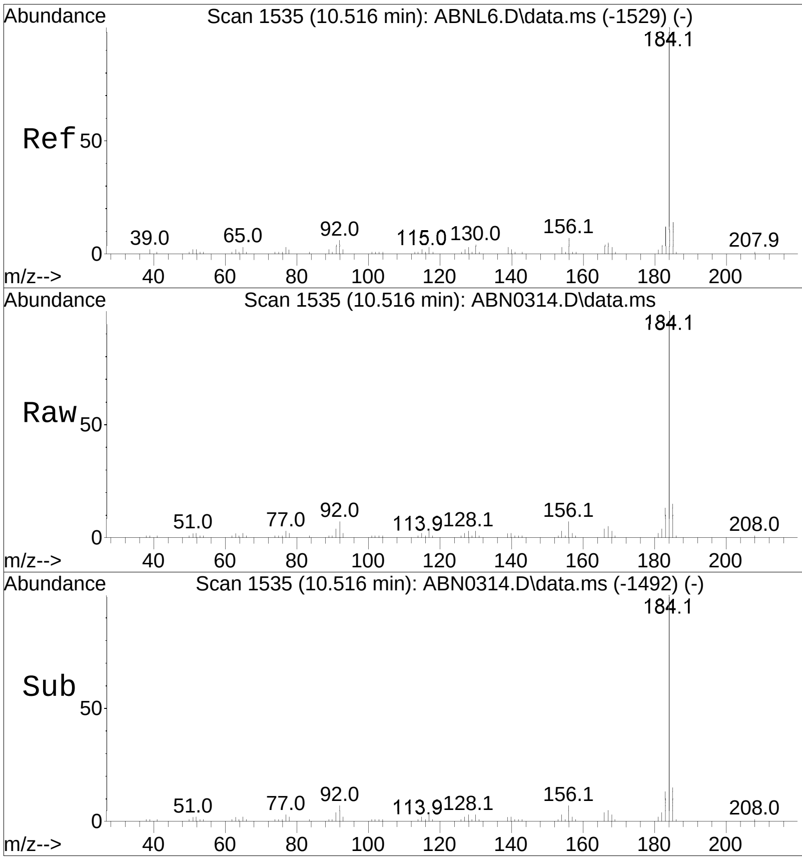


#93
Fluoranthene
Concen: 5.11 ug/ml M3
RT: 10.363 min Scan# 1509
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:202 Resp: 204596

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.2	16.8
203	18.5	13.7	20.5

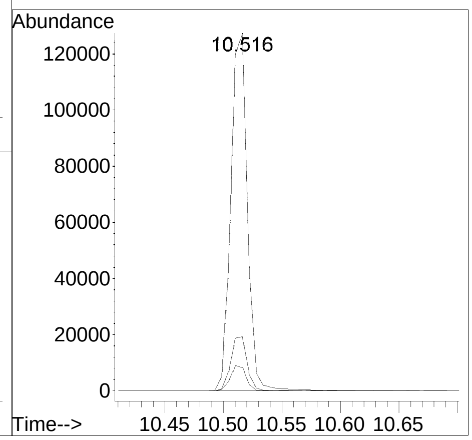


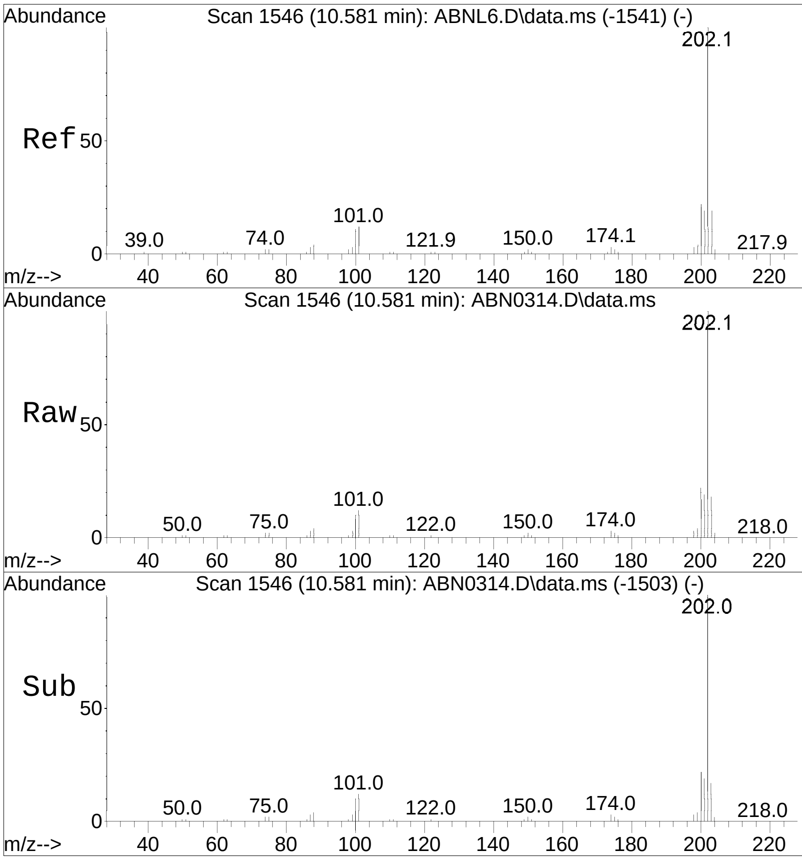


#94
Benzidine
Concen: 5.73 ug/ml
RT: 10.516 min Scan# 1535
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:184 Resp: 124070

Ion	Ratio	Lower	Upper
184	100		
92	6.8	7.3	10.9#
185	15.2	11.8	17.8

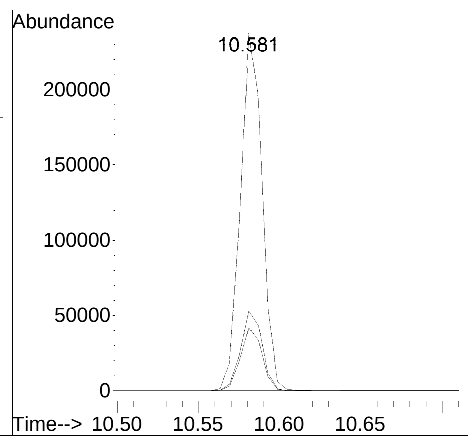


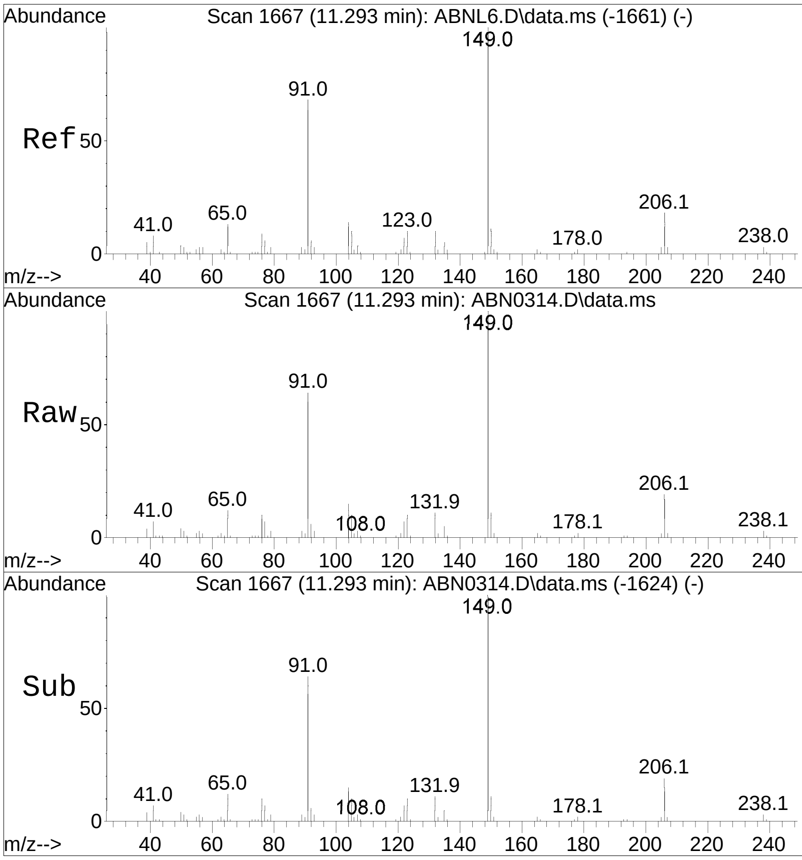


#95
Pyrene
Concen: 5.27 ug/ml
RT: 10.581 min Scan# 1546
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:202 Resp: 220163

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	17.4	14.3	21.5

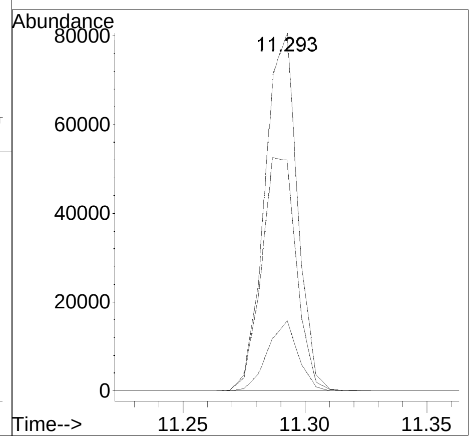


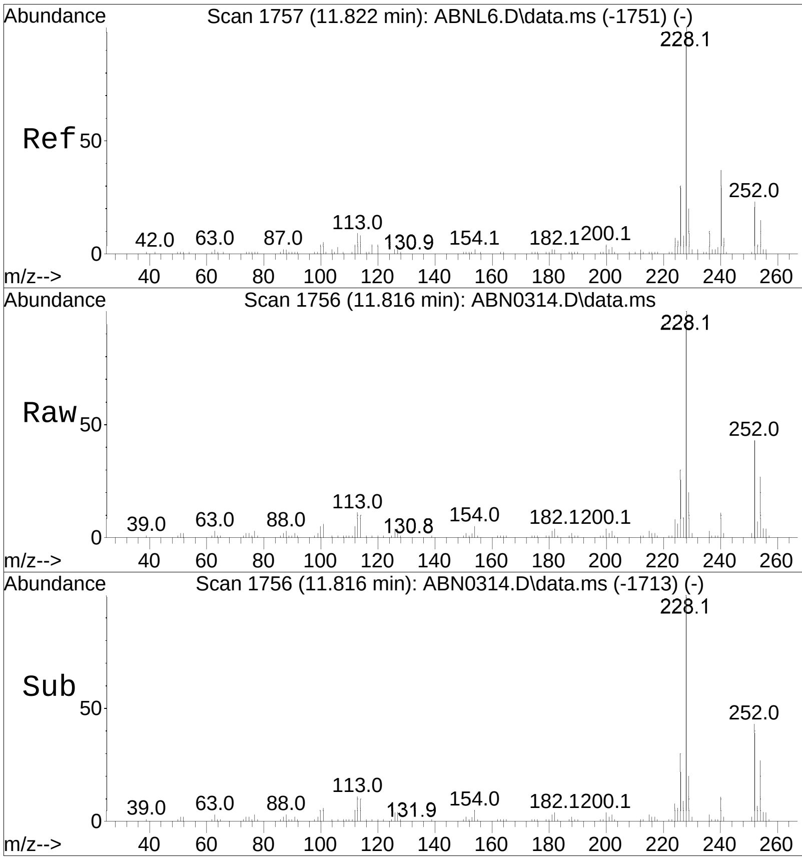


#97
Butyl benzyl phthalate
Concen: 5.02 ug/ml
RT: 11.293 min Scan# 1667
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:149 Resp: 74542

Ion	Ratio	Lower	Upper
149	100		
91	69.9	57.9	86.9
206	18.3	11.9	17.9#

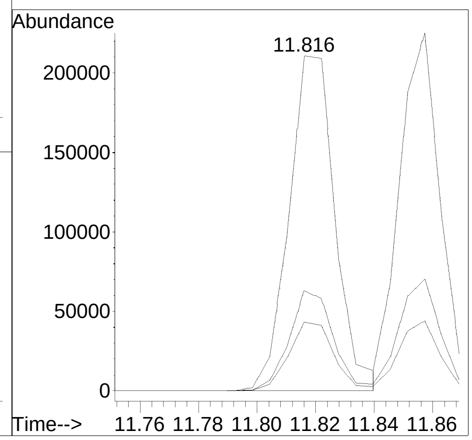


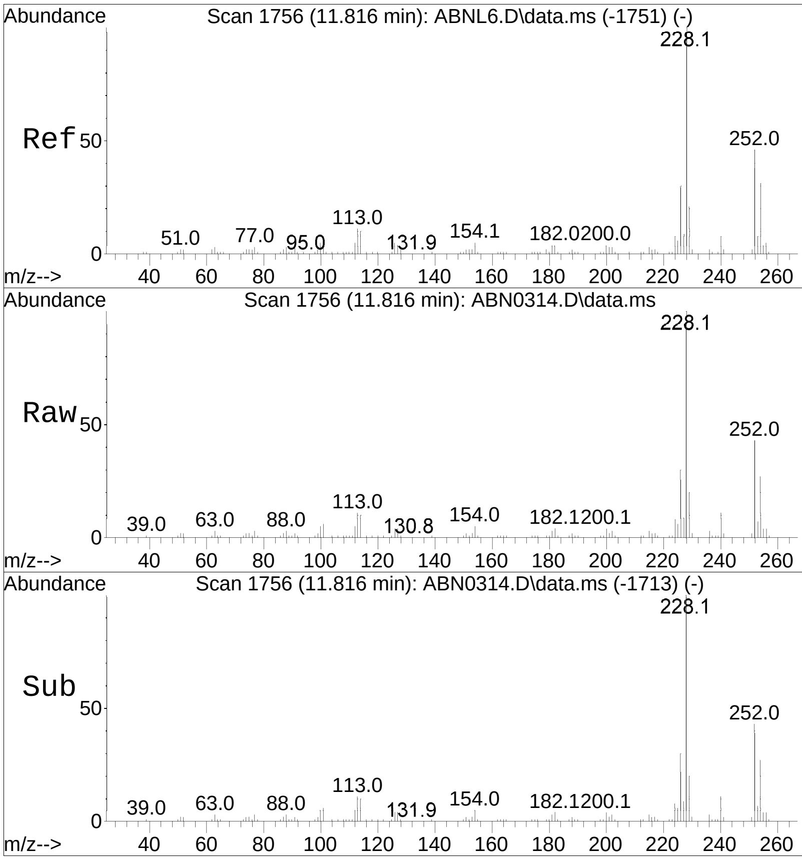


#105
Benzo(a)anthracene
Concen: 5.00 ug/ml
RT: 11.816 min Scan# 1756
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:228 Resp: 230478

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	20.3	15.8	23.6

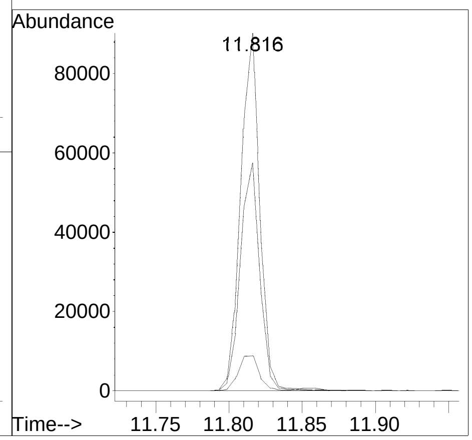


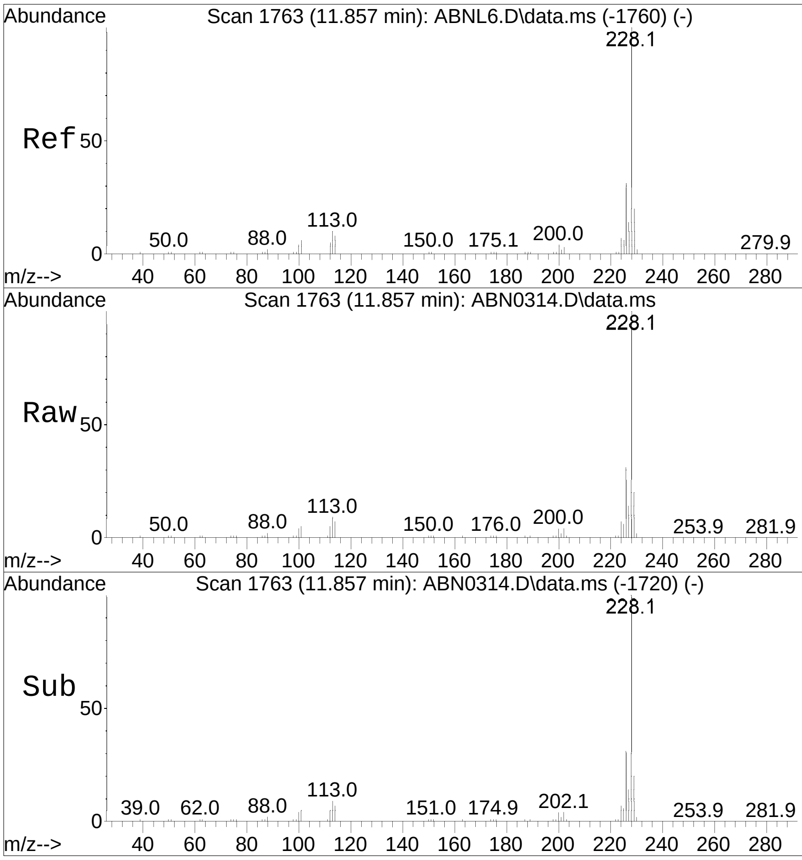


#106
3,3'-Dichlorobenzidine
Concen: 4.97 ug/ml
RT: 11.816 min Scan# 1756
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:252 Resp: 82082

Ion	Ratio	Lower	Upper
252	100		
126	10.9	12.6	19.0#
254	64.7	51.1	76.7

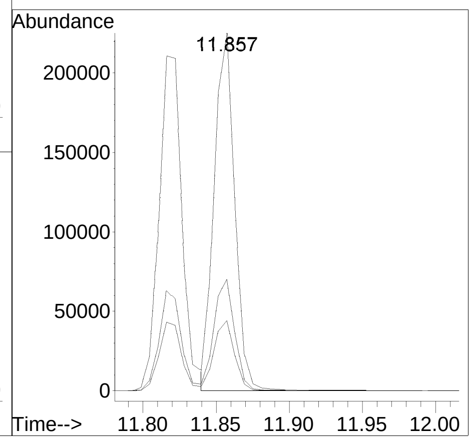


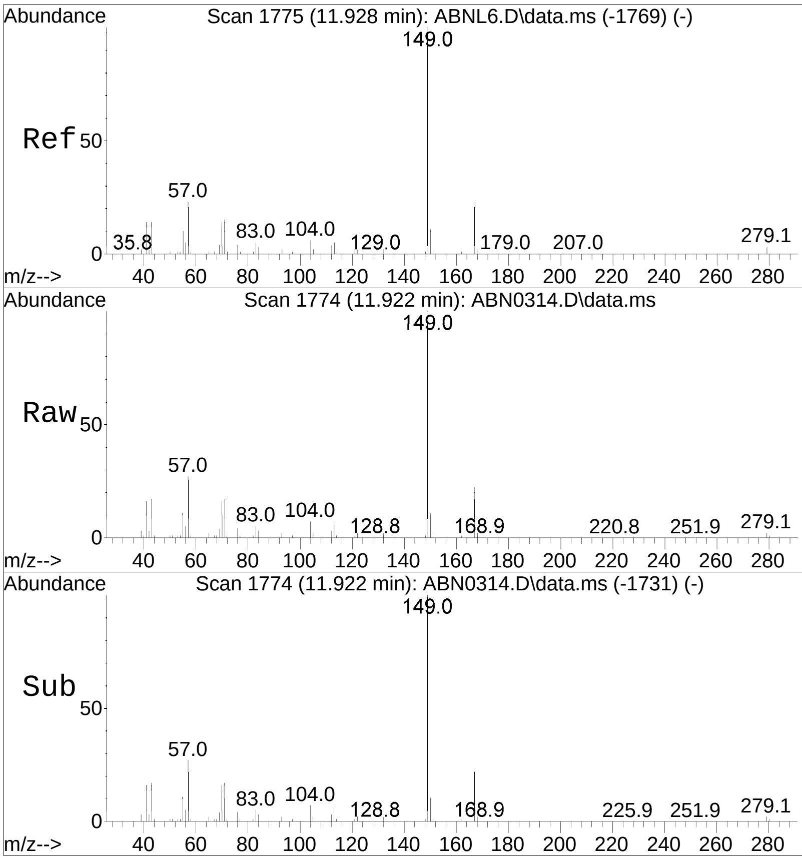


#107
Chrysene
Concen: 4.99 ug/ml
RT: 11.857 min Scan# 1763
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:228 Resp: 220113

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	19.6	15.5	23.3

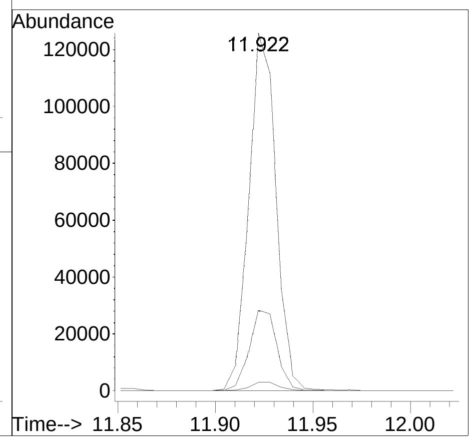


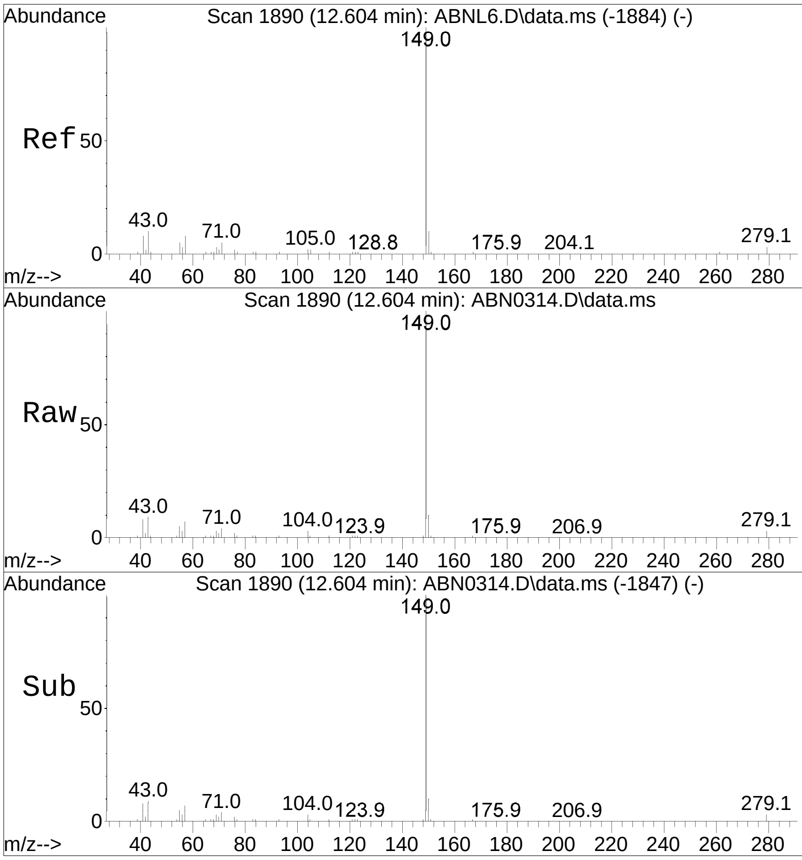


#108
Bis(2-ethylhexyl)phthalate
Concen: 5.26 ug/ml
RT: 11.922 min Scan# 1774
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:149 Resp: 121058

Ion	Ratio	Lower	Upper
149	100		
167	22.9	18.4	27.6
279	2.4	1.7	2.5

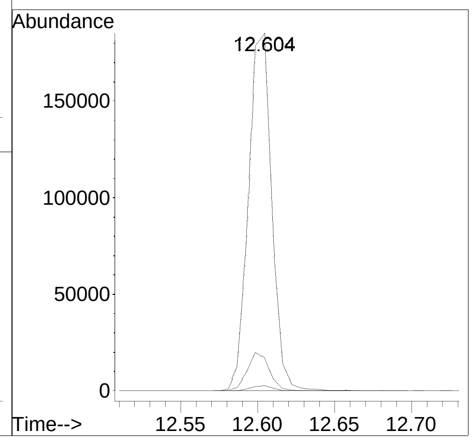


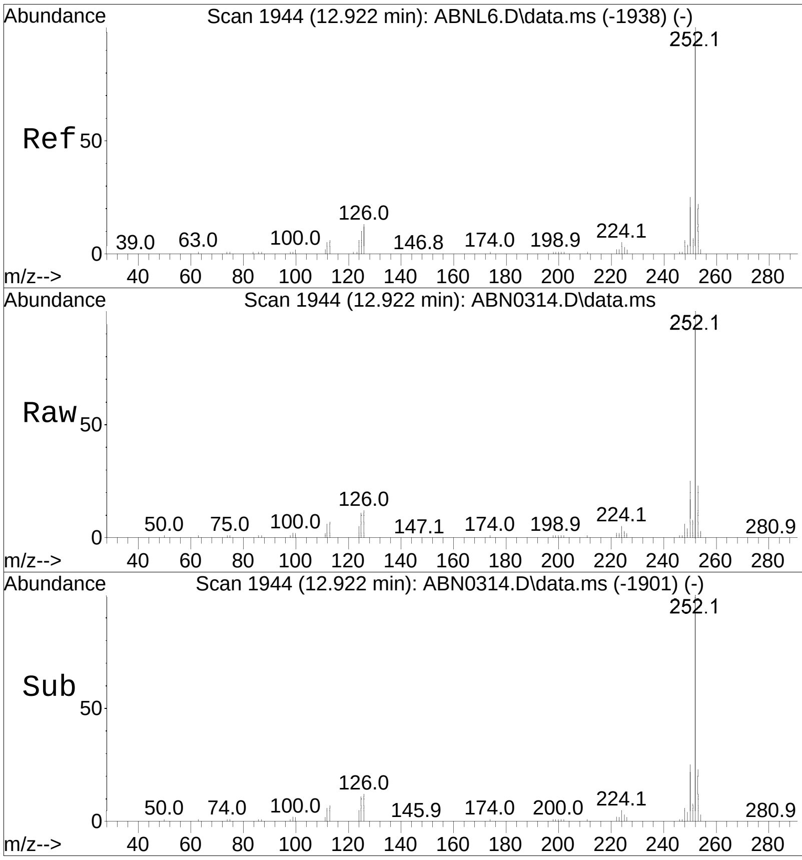


#109
Di-n-octylphthalate
Concen: 5.27 ug/ml
RT: 12.604 min Scan# 1890
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:149 Resp: 193851

Ion	Ratio	Lower	Upper
149	100		
43	10.4	8.2	12.2
167	1.4	1.1	1.7

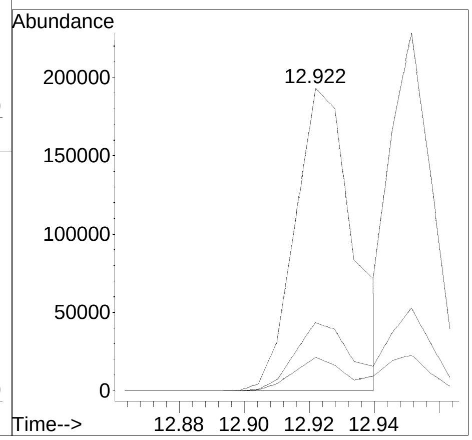


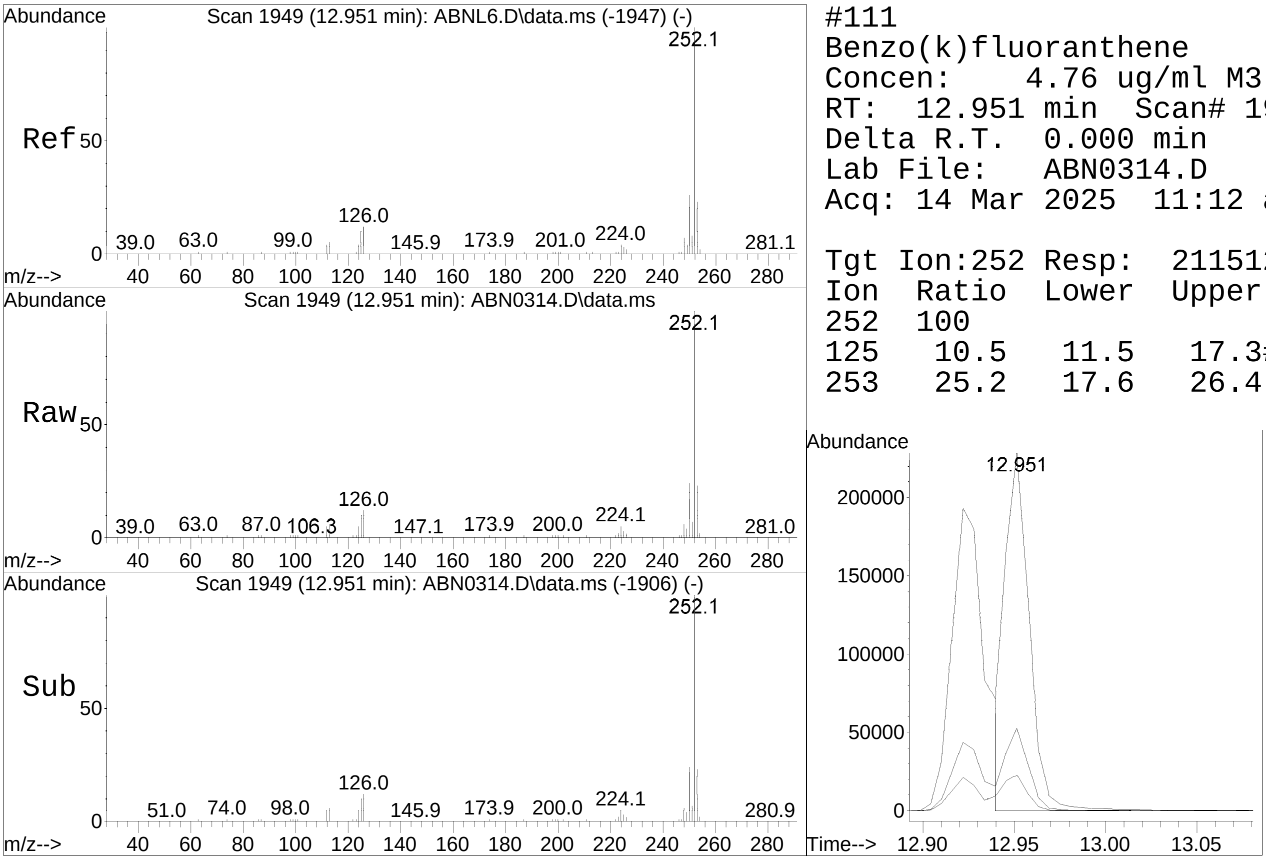


#110
Benzo(b)fluoranthene
Concen: 5.38 ug/ml
RT: 12.922 min Scan# 1944
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:252 Resp: 239222

Ion	Ratio	Lower	Upper
252	100		
125	9.2	11.3	16.9#
253	22.3	17.8	26.8

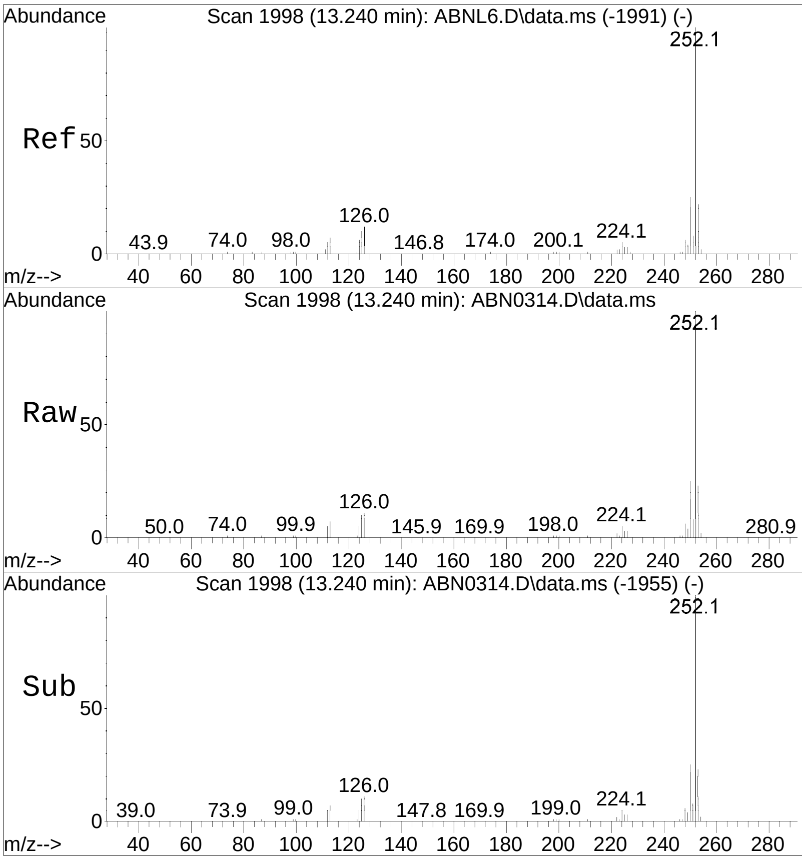




#111
Benzo(k)fluoranthene
Concen: 4.76 ug/ml M3
RT: 12.951 min Scan# 1949
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:252 Resp: 211512

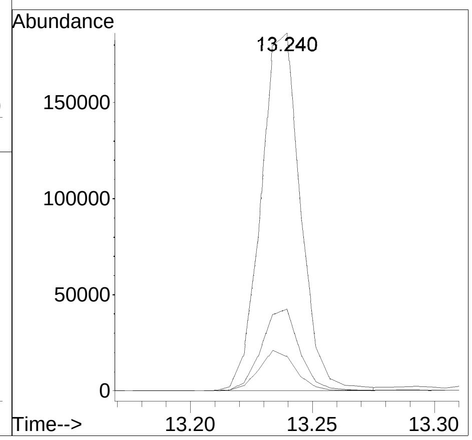
Ion	Ratio	Lower	Upper
252	100		
125	10.5	11.5	17.3#
253	25.2	17.6	26.4

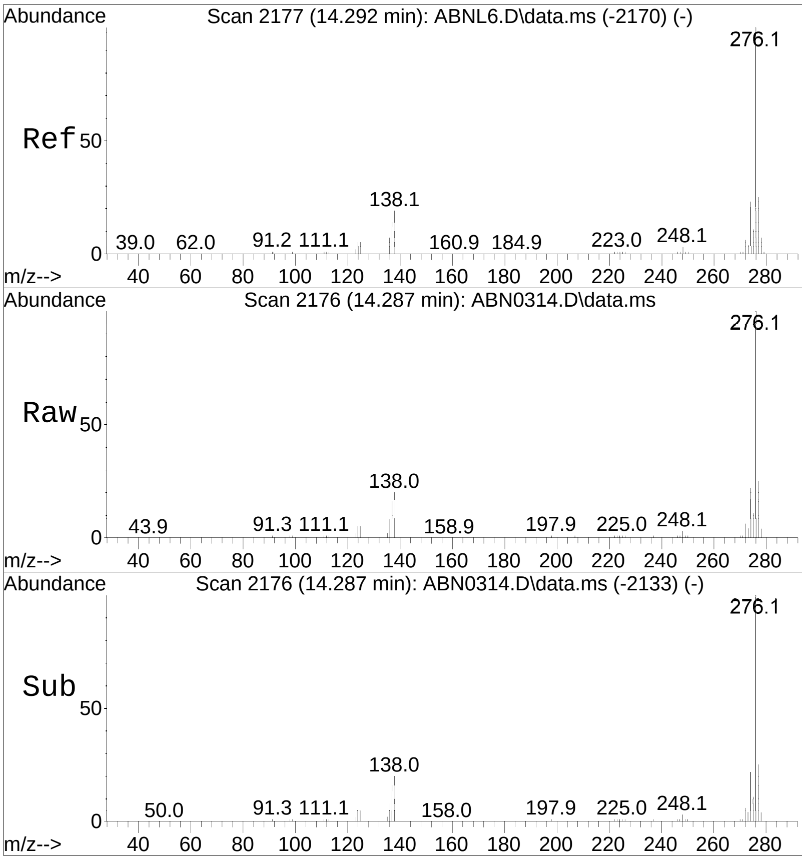


#112
Benzo(a)pyrene
Concen: 5.01 ug/ml
RT: 13.240 min Scan# 1998
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:252 Resp: 208990

Ion	Ratio	Lower	Upper
252	100		
125	10.7	12.6	18.8#
253	22.3	17.5	26.3

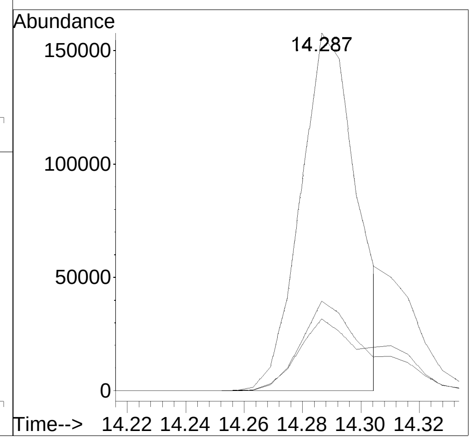


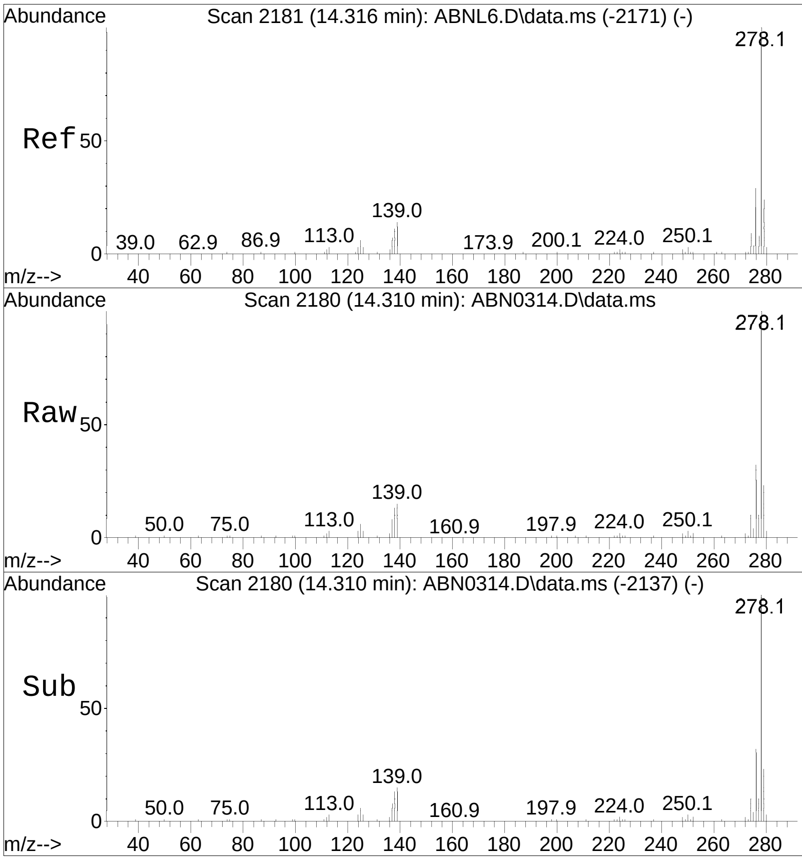


#114
Indeno(1,2,3-cd)pyrene
Concen: 4.83 ug/mL M6
RT: 14.287 min Scan# 2176
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:276 Resp: 211227

Ion	Ratio	Lower	Upper
276	100		
138	30.0	22.1	33.1
277	31.7	19.0	28.6#

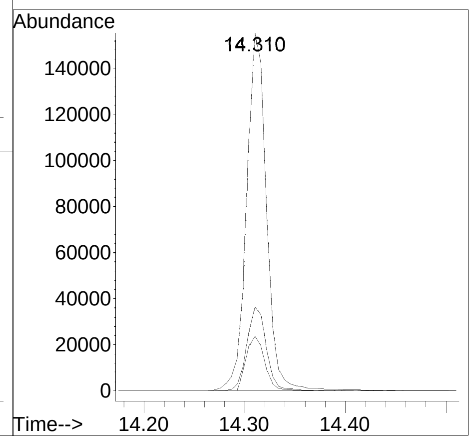


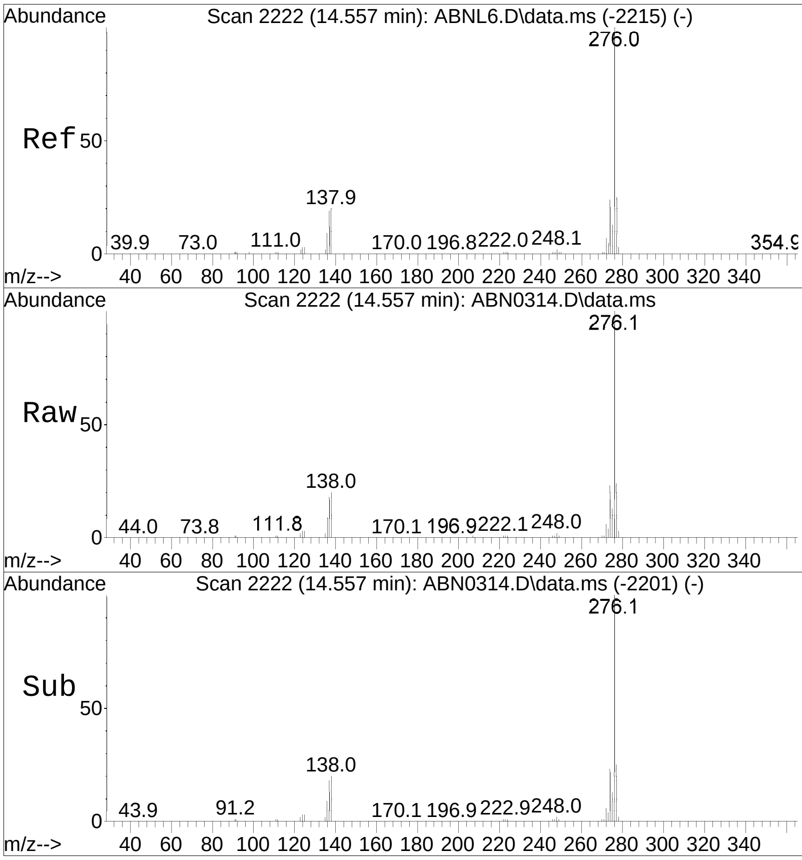


#115
Dibenzo(a,h)anthracene
Concen: 5.03 ug/ml
RT: 14.310 min Scan# 2180
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:278 Resp: 213519

Ion	Ratio	Lower	Upper
278	100		
139	14.4	17.8	26.8#
279	23.2	19.2	28.8

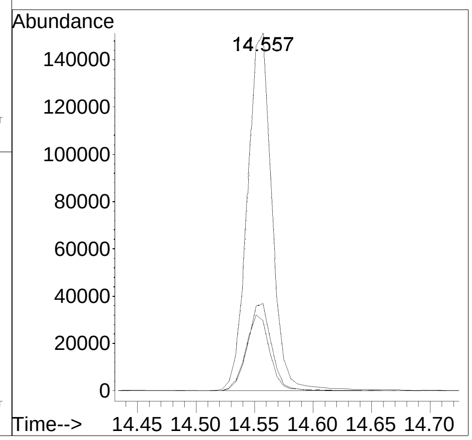




#116
Benzo(ghi)perylene
Concen: 4.98 ug/ml
RT: 14.557 min Scan# 2222
Delta R.T. 0.000 min
Lab File: ABN0314.D
Acq: 14 Mar 2025 11:12 am

Tgt Ion:276 Resp: 218631

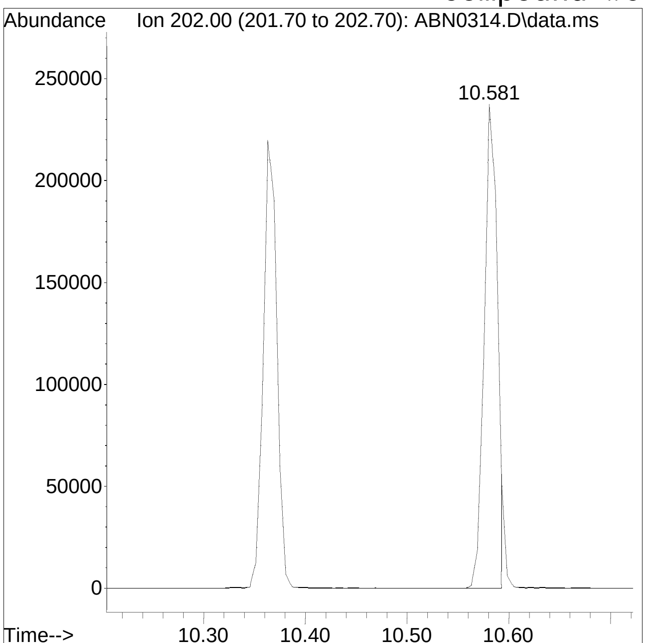
Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.9	32.9#
277	24.0	18.4	27.6

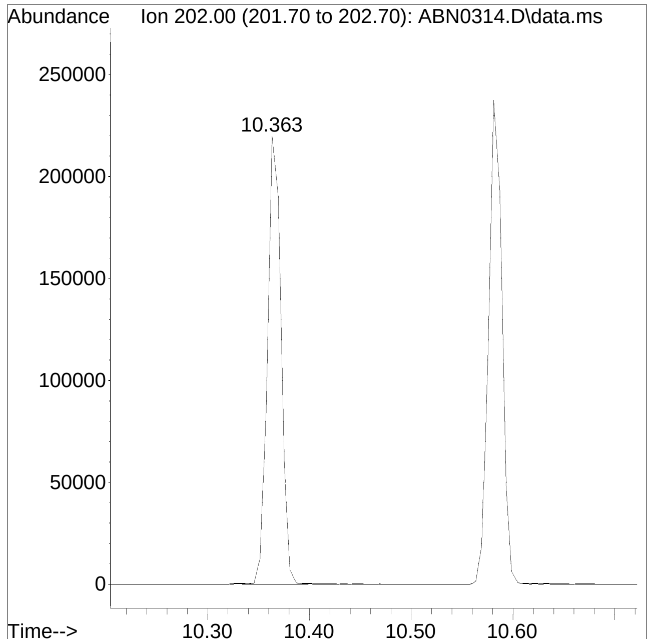


Manual Integration Report

Data Path	: I:\8270\SV112\250314RVT\	QMethod	: FS250313SV112RVT.m
Data File	: ABN0314.D	Operator	: SV112:jg
Date Inj'd	: 3/14/2025 11:12 am	Instrument	: SV112
Sample	: WG2040646-3,32,,ABN 11297	Quant Date	: 3/14/2025 11:38 am

Compound #93: Fluoranthene





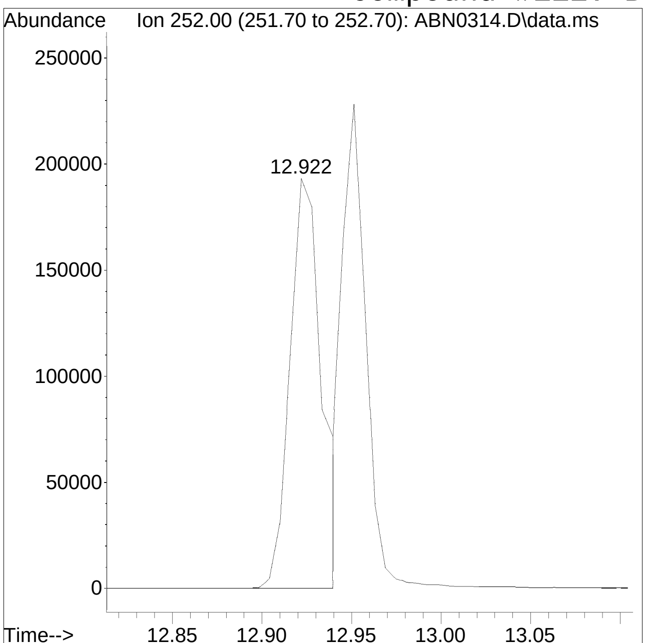
Original Peak Response = 217000   Manual Peak Response = 204596 M3

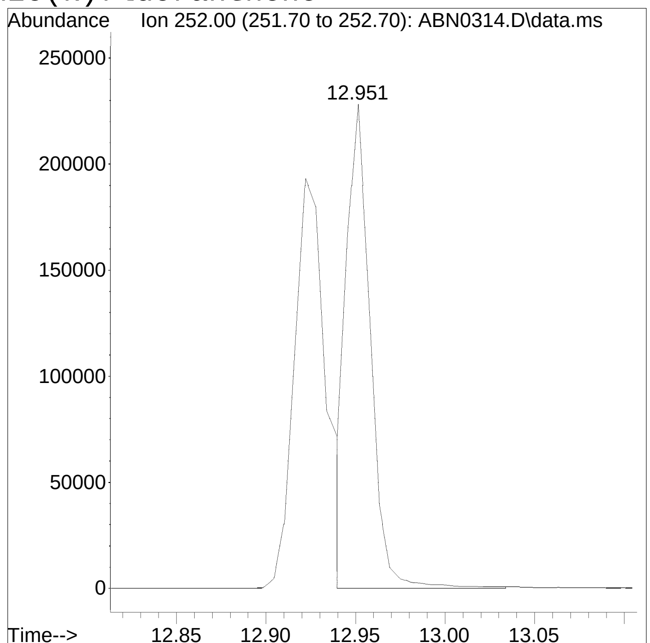
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\SV112\250314RVT\	QMethod	: FS250313SV112RVT.m
Data File	: ABN0314.D	Operator	: SV112:jg
Date Inj'd	: 3/14/2025 11:12 am	Instrument	: SV112
Sample	: WG2040646-3,32,,ABN 11297	Quant Date	: 3/14/2025 11:38 am

Compound #111: Benzo(k)fluoranthene





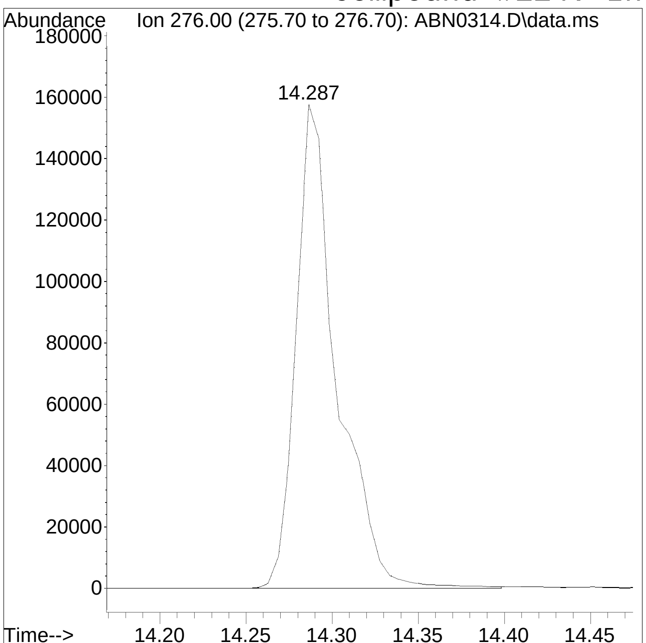
Original Peak Response = 239222   Manual Peak Response = 211512 M3

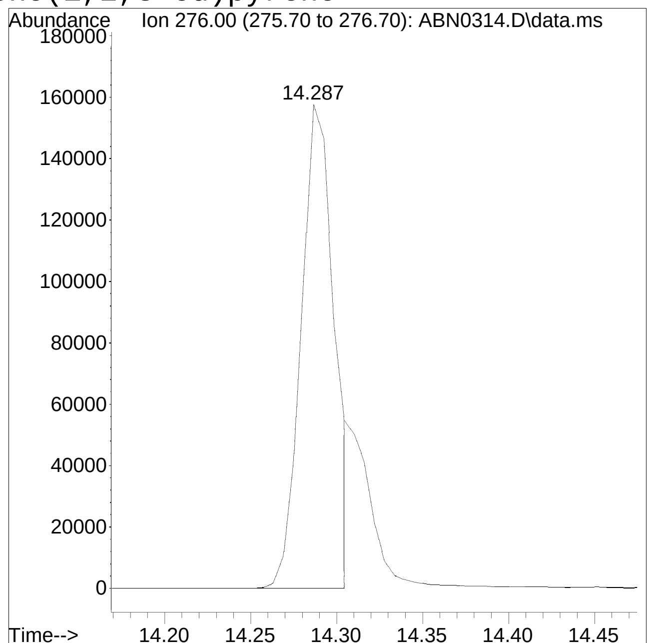
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: I:\8270\SV112\250314RVT\	QMethod	: FS250313SV112RVT.m
Data File	: ABN0314.D	Operator	: SV112:jg
Date Inj'd	: 3/14/2025 11:12 am	Instrument	: SV112
Sample	: WG2040646-3,32,,ABN 11297	Quant Date	: 3/14/2025 11:38 am

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 260054 Manual Peak Response = 211227 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250314RVT\
Data File : AP90314.D
Acq On : 14 Mar 2025 11:34 am
Operator : SV112:jg
Sample : WG2040646-4,32,,AP9 11152 gmr0304C
Misc : WG2040646,,ical22084
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Mar 14 11:57:14 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:58:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	101	0.00
28	T	Benzaldehyde		0.954	0.840	11.9	88	0.00
29	T	Acetophenone		1.731	1.691	2.3	103	0.00
30	T	m-Toluidine		1.562	1.487	4.8	94	0.00
31	T	2-Chloroaniline		1.509	1.540	-2.1	103	0.00
55	I	IS2_Naphthalene-d8		1.000	1.000	0.0	98	0.00
56	T	a-Terpineol		0.253	0.273	-7.9	108	0.00
57	T	3-Chloroaniline		0.130	0.142	-9.2	96	0.00
58	T	2,6-Dichlorophenol		0.285	0.302	-6.0	107	0.00
59	T	1-chloro-2-nitrobenzene		0.138	0.137	0.7	100	0.00
60	T	Caprolactam	*	5.000	4.436	11.3	103	0.00
61	T	1,2,4,5-Tetrachlorobenzene		0.438	0.442	-0.9	100	0.00
62	T	Biphenyl		0.890	0.934	-4.9	105	0.00
83	I	IS2_Acenaphthene-d10		1.000	1.000	0.0	99	0.00
84	T	Dichloran		0.183	0.175	4.4	103	0.00
85	T	Pentachloronitrobenzene		0.195	0.208	-6.7	105	0.00
98	I	IS2_Phenanthrene-d10		1.000	1.000	0.0	97	0.00
99	T	Diphenamid		0.446	0.475	-6.5	106	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV112\250314RVT\
Data File : AP90314.D
Acq On    : 14 Mar 2025  11:34 am
Operator  : SV112:jg
Sample    : WG2040646-4,32,,AP9 11152 gmr0304C
Misc      : WG2040646,,ical22084
ALS Vial  : 143   Sample Multiplier: 1

Quant Time: Mar 14 11:57:14 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:58:05 2025
Response via : Initial Calibration

Sub List     : AP9ical - AP9 ical sublist
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.828	152	22376	4.000	ug/ml	0.00
55) IS2_Naphthalene-d8	6.057	136	80810	4.000	ug/ml	0.00
83) IS2_Acenaphthene-d10	7.757	164	51230	4.000	ug/ml	0.00
98) IS2_Phenanthrene-d10	9.187	188	113237	4.000	ug/ml	# 0.00
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.393	105	23494	4.405	ug/ml	93
29) Acetophenone	5.222	105	47306	4.885	ug/ml	98
30) m-Toluidine	5.305	106	41582	4.758	ug/ml	98
31) 2-Chloroaniline	5.663	127	43083	5.102	ug/ml	100
56) a-Terpineol	6.110	59	27617	5.407	ug/ml	96
57) 3-Chloroaniline	6.122	65	14298	5.425	ug/ml	98
58) 2,6-Dichlorophenol	6.152	162	30498	5.299	ug/ml	94
59) 1-chloro-2-nitrobenzene	6.404	111	13867	4.989	ug/ml	96
60) Caprolactam	6.440	55	13967	4.436	ug/ml	97
61) 1,2,4,5-Tetrachloroben...	6.922	216	44624	5.041	ug/ml	97
62) Biphenyl	7.216	154	94308	5.245	ug/ml	99
84) Dichloran	8.881	206	11178	4.758	ug/ml#	71
85) Pentachloronitrobenzene	9.034	237	13337	5.350	ug/ml#	81
99) Diphenamid	10.087	167	67205	5.327	ug/ml	86

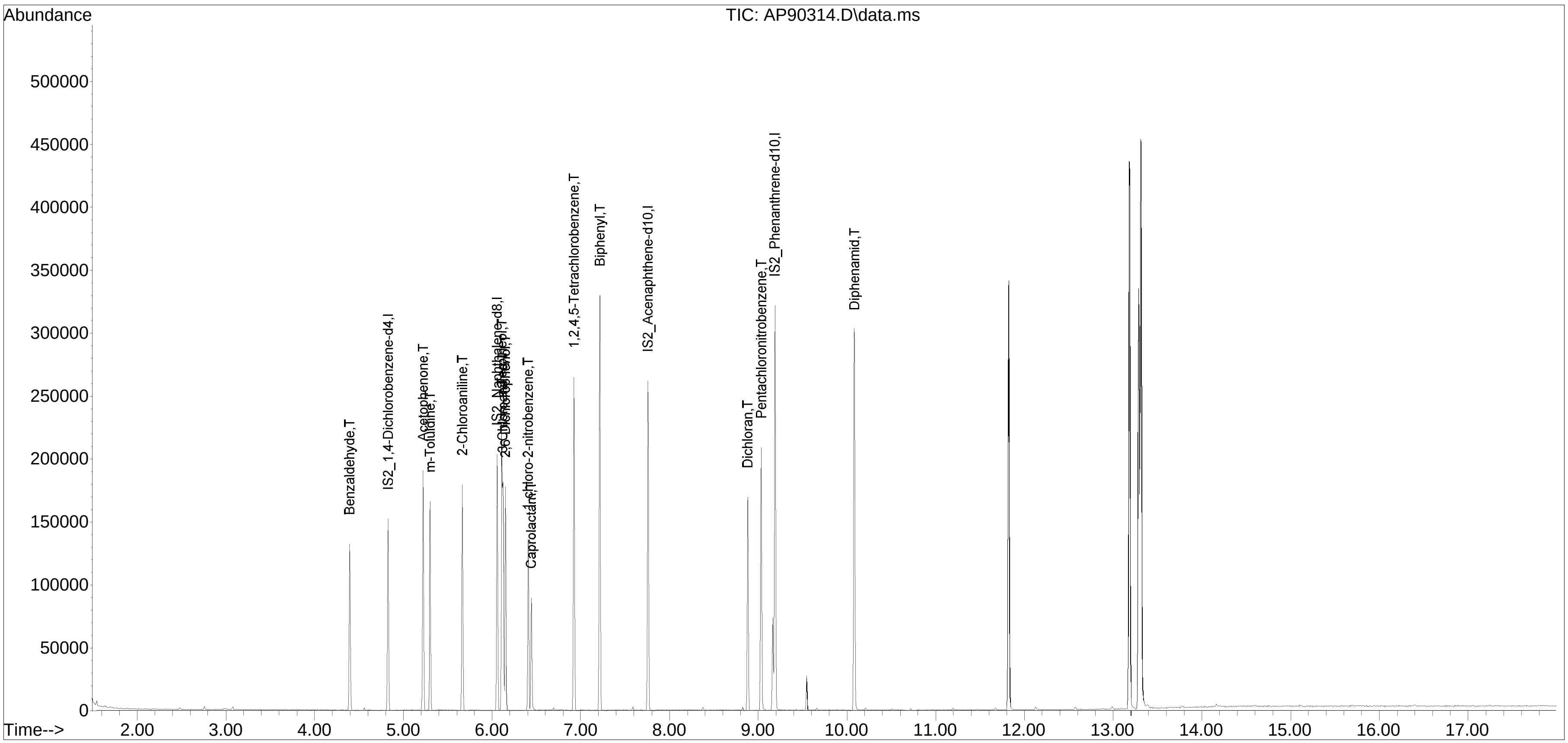
(#) = qualifier out of range (m) = manual integration (+) = signals summed

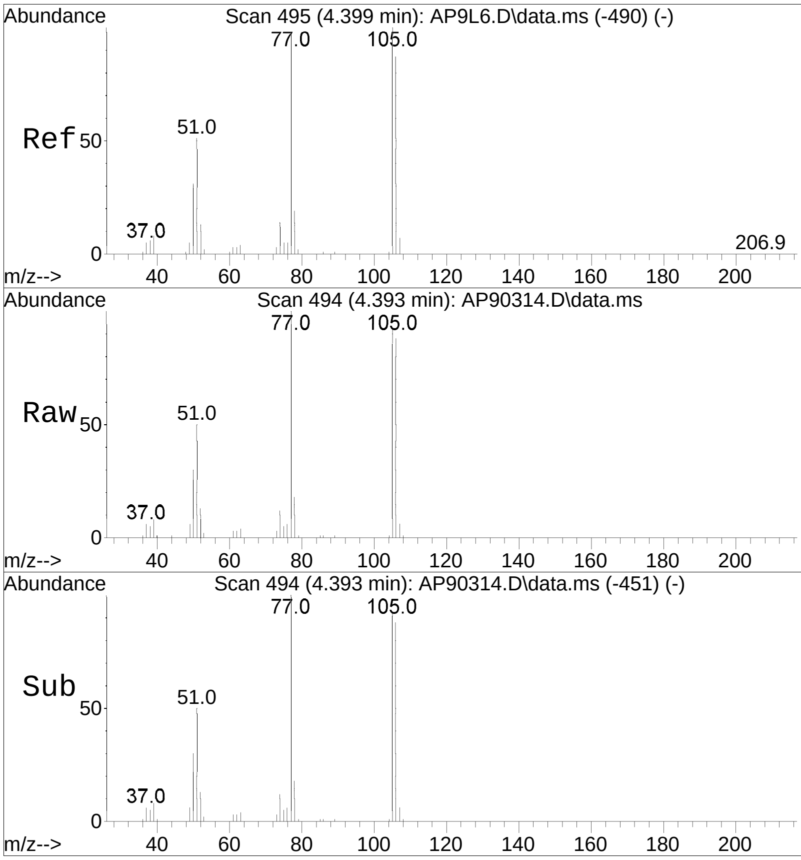
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : AP90314.D
Acq On : 14 Mar 2025 11:34 am
Operator : SV112:jg
Sample : WG2040646-4,32,,AP9 11152 gmr0304C
Misc : WG2040646,,ical22084
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Mar 14 11:57:14 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:58:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

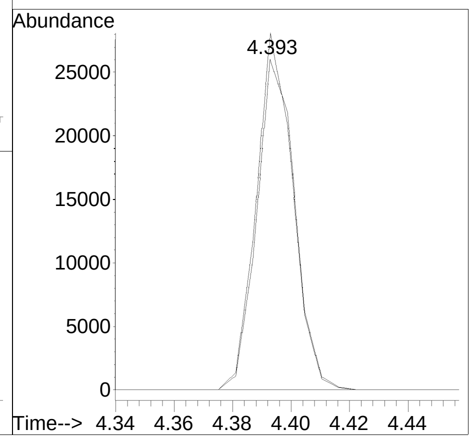


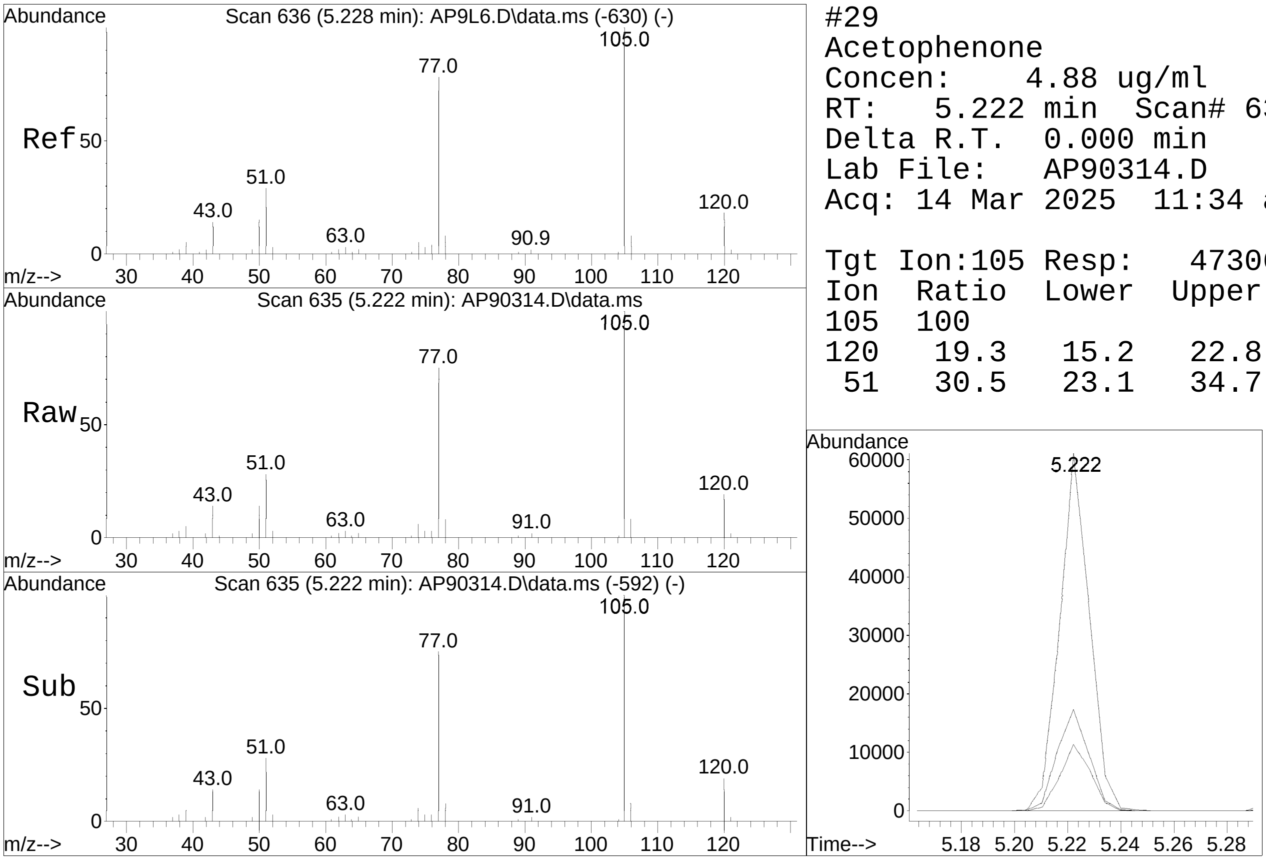


#28
Benzaldehyde
Concen: 4.40 ug/ml
RT: 4.393 min Scan# 494
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion:105 Resp: 23494

Ion	Ratio	Lower	Upper
105	100		
77	103.5	77.0	115.6

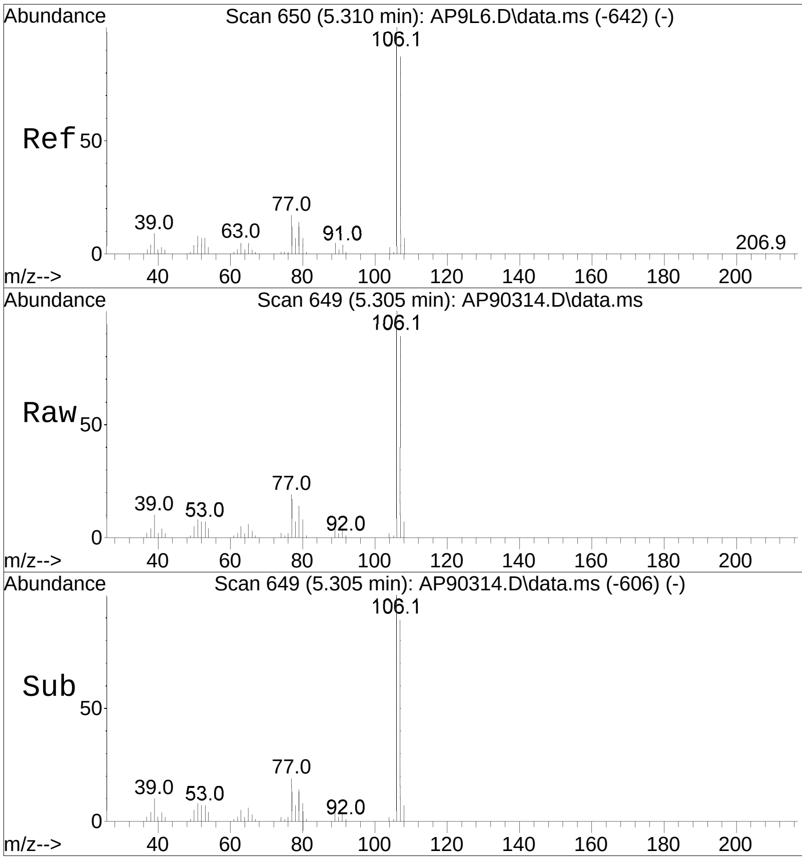




#29
Acetophenone
Concen: 4.88 ug/ml
RT: 5.222 min Scan# 635
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion:105 Resp: 47306

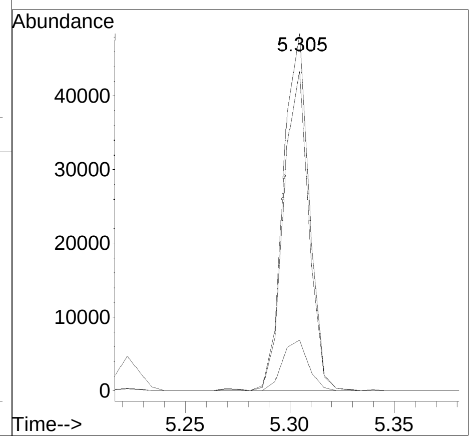
Ion	Ratio	Lower	Upper
105	100		
120	19.3	15.2	22.8
51	30.5	23.1	34.7

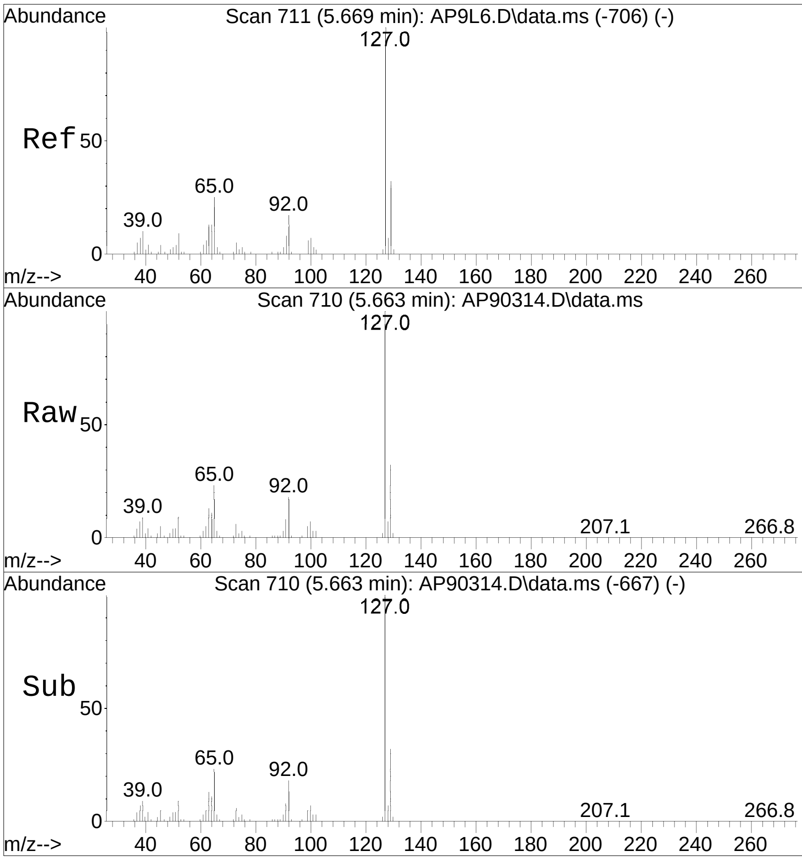


#30
m-Toluidine
Concen: 4.76 ug/ml
RT: 5.305 min Scan# 649
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion:106 Resp: 41582

Ion	Ratio	Lower	Upper
106	100		
107	88.1	72.3	108.5
79	14.2	12.2	18.2

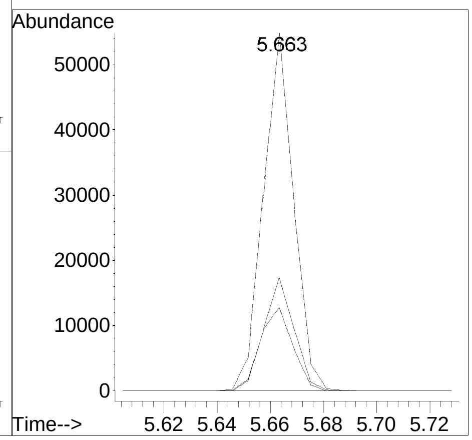


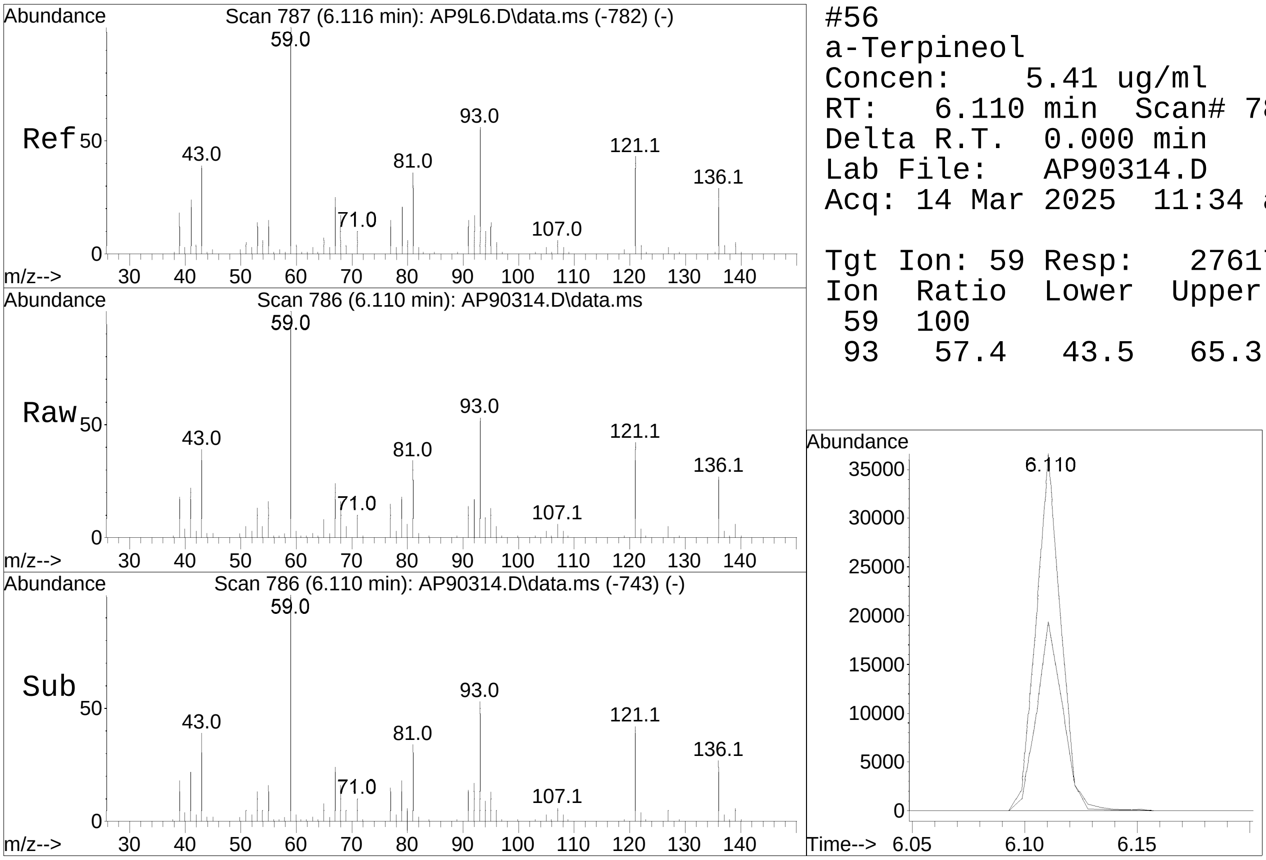


#31
2-Chloroaniline
Concen: 5.10 ug/ml
RT: 5.663 min Scan# 710
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion:127 Resp: 43083

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	25.3	20.5	30.7

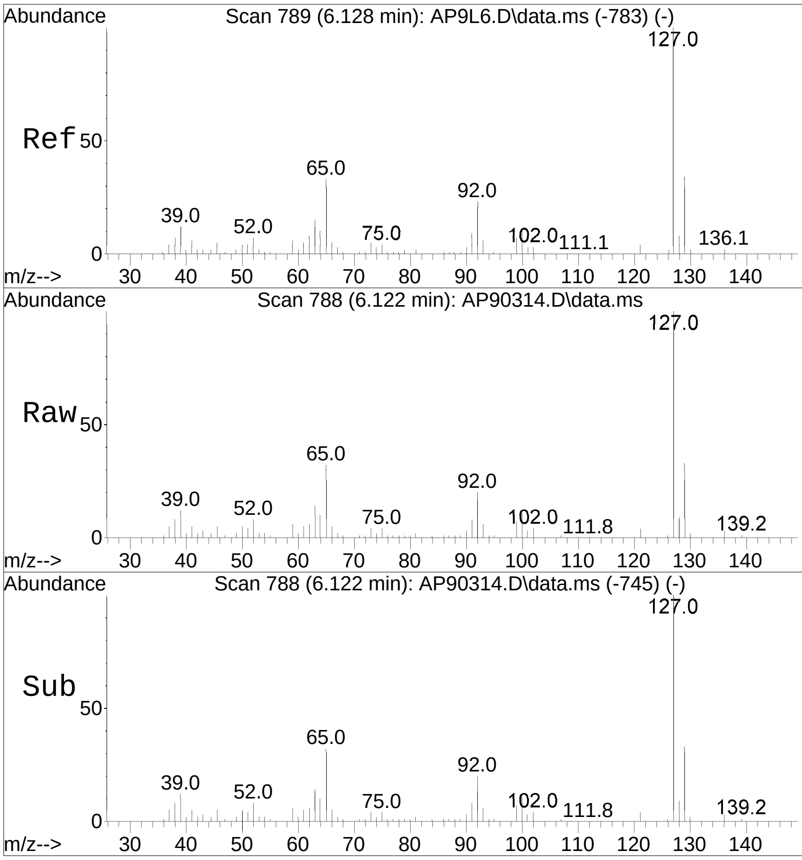




#56
a-Terpineol
Concen: 5.41 ug/ml
RT: 6.110 min Scan# 786
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion: 59 Resp: 27617

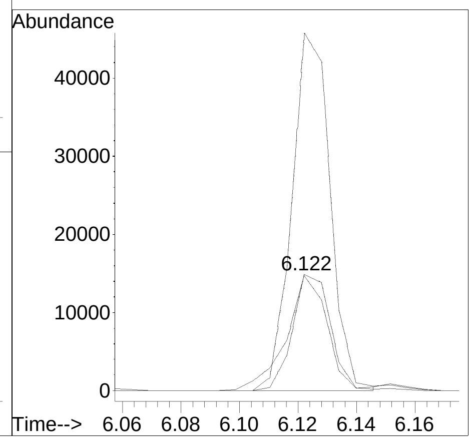
Ion	Ratio	Lower	Upper
59	100		
93	57.4	43.5	65.3

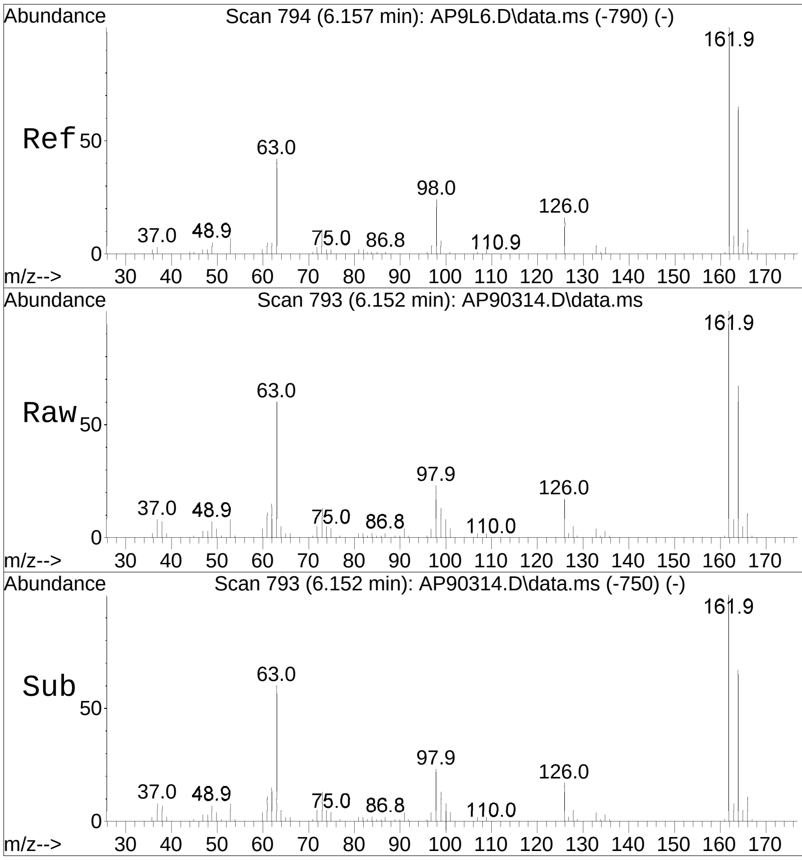


#57
3-Chloroaniline
Concen: 5.42 ug/ml
RT: 6.122 min Scan# 788
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion: 65 Resp: 14298

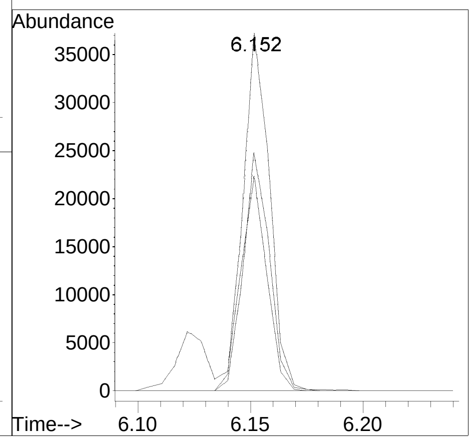
Ion	Ratio	Lower	Upper
65	100		
127	291.4	236.6	355.0
129	94.4	76.6	115.0

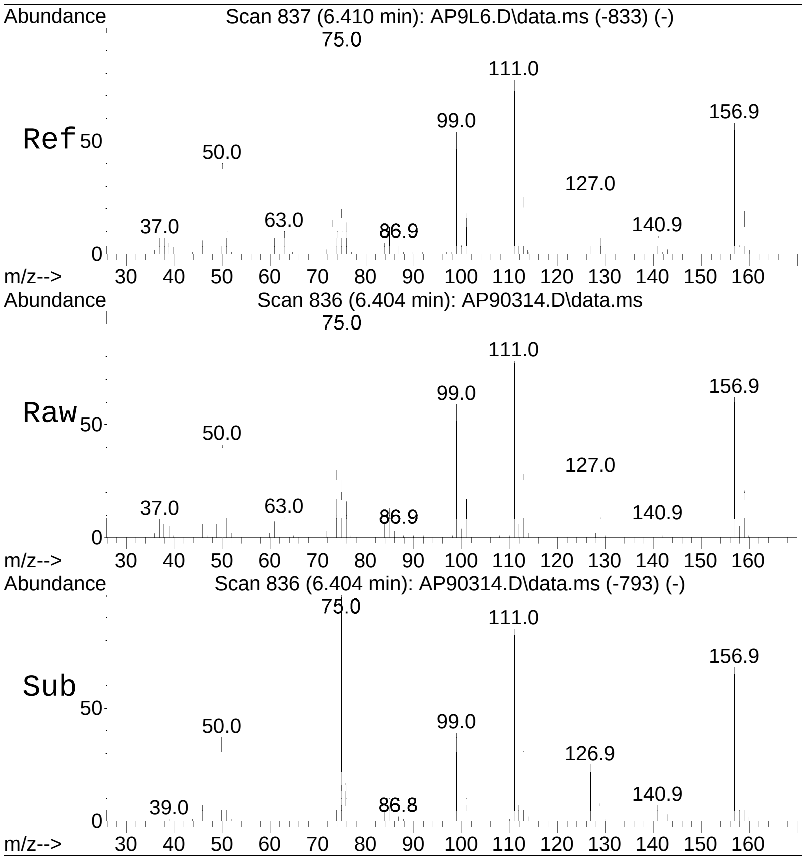





```
#58
2,6-Dichlorophenol
Concen:    5.30 ug/ml
RT:   6.152 min  Scan# 793
Delta R.T.  0.000 min
Lab File:   AP90314.D
Acq: 14 Mar 2025  11:34 am

Tgt Ion:162 Resp:   30498
Ion  Ratio  Lower  Upper
162  100
164   65.3   50.8   76.2
 63   58.8   53.6   80.4
```

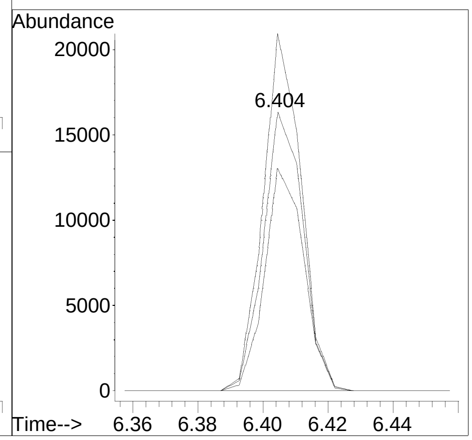


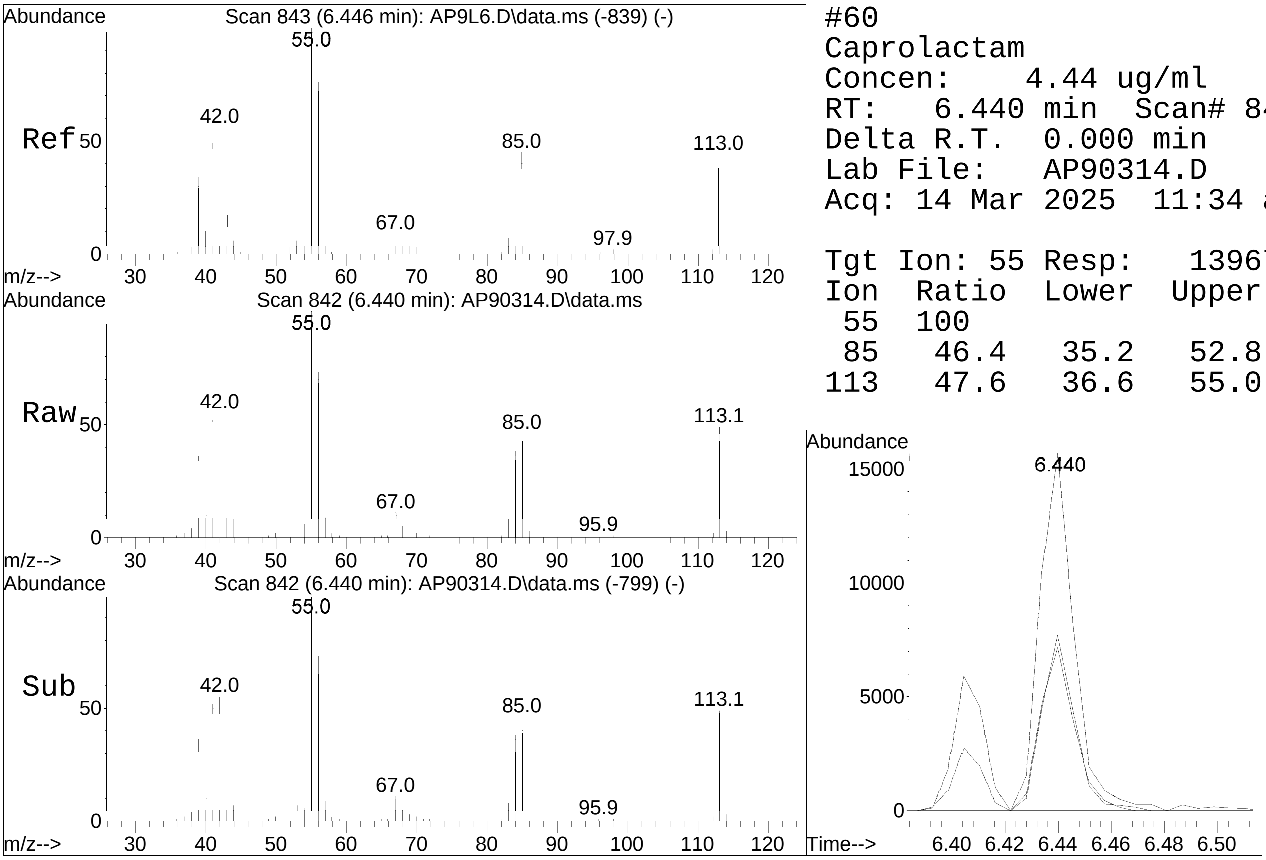


#59
1-chloro-2-nitrobenzene
Concen: 4.99 ug/ml
RT: 6.404 min Scan# 836
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion:111 Resp: 13867

Ion	Ratio	Lower	Upper
111	100		
157	78.8	56.2	84.2
75	122.4	97.8	146.6

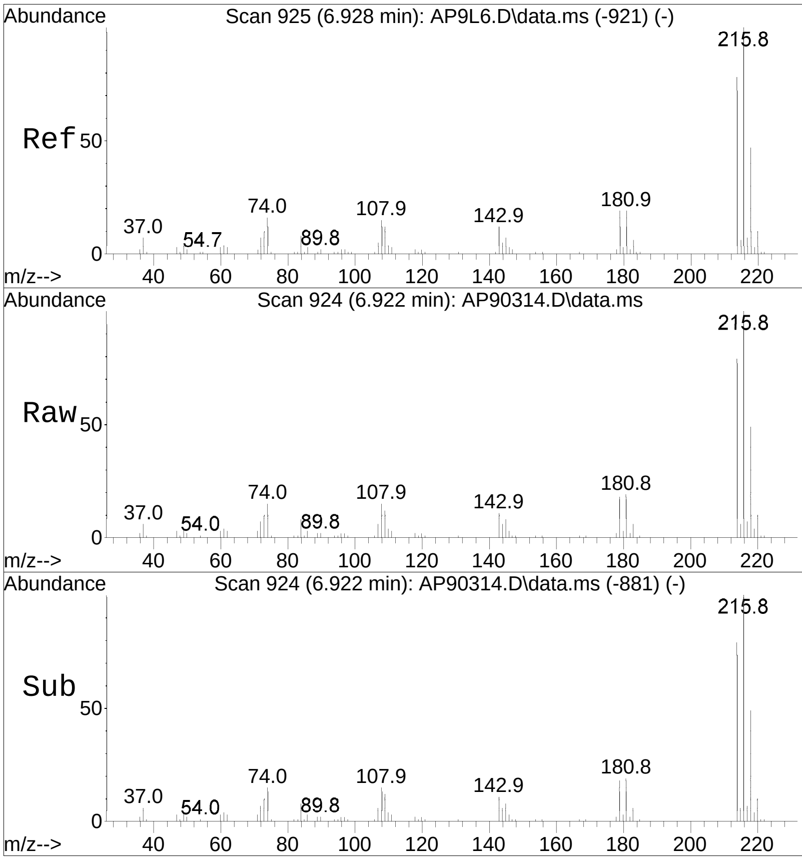




#60
Caprolactam
Concen: 4.44 ug/ml
RT: 6.440 min Scan# 842
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion: 55 Resp: 13967

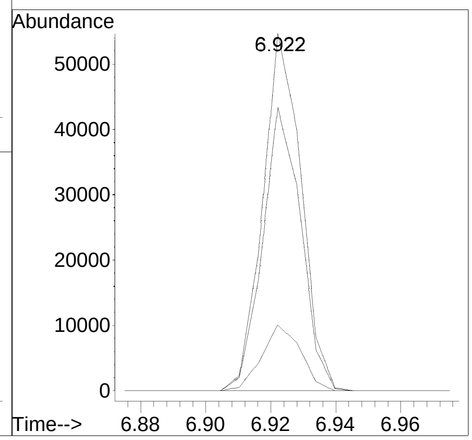
Ion	Ratio	Lower	Upper
55	100		
85	46.4	35.2	52.8
113	47.6	36.6	55.0

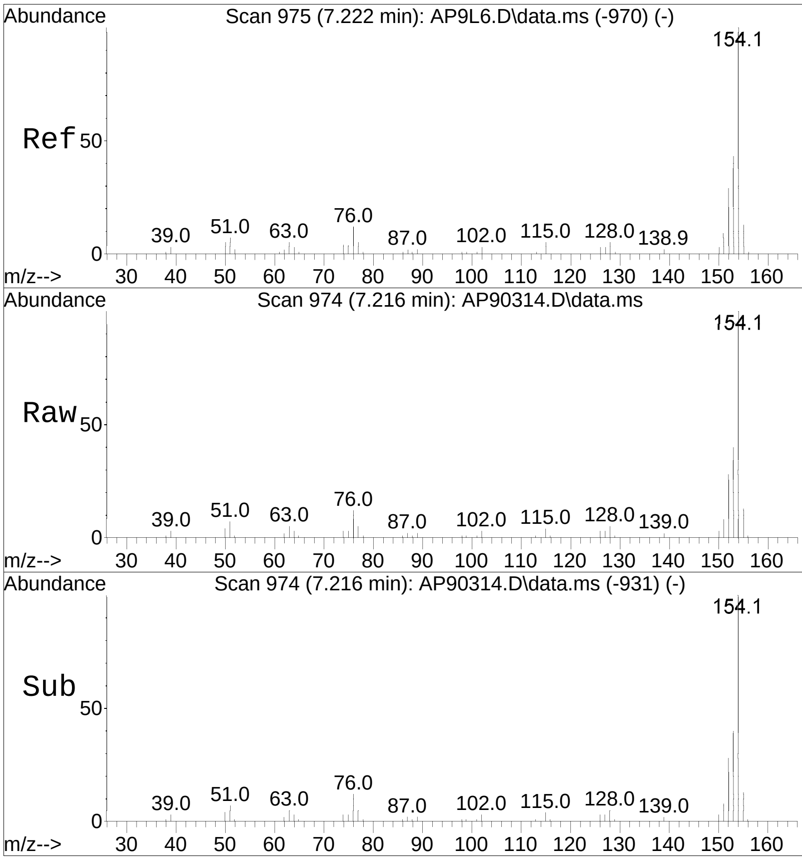


#61
1,2,4,5-Tetrachlorobenzene
Concen: 5.04 ug/ml
RT: 6.922 min Scan# 924
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion:216 Resp: 44624

Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.0	96.0
179	18.8	18.7	28.1

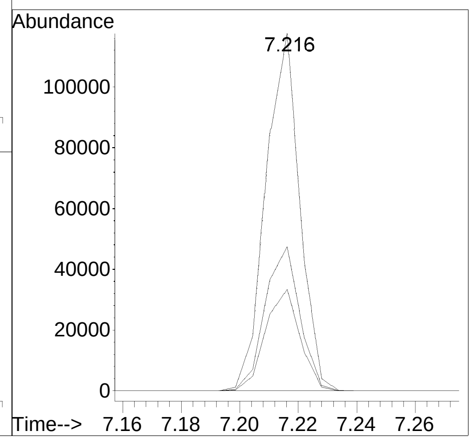


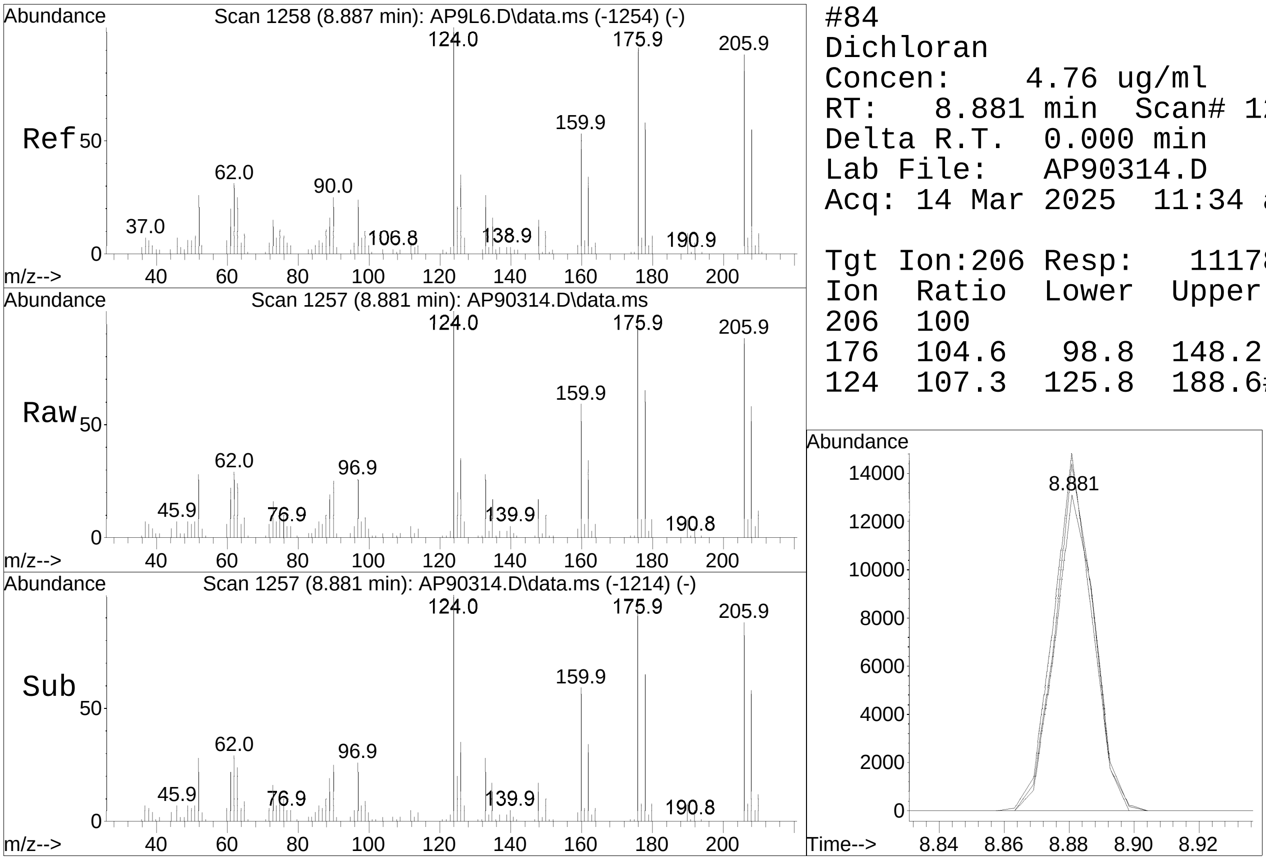


#62
Biphenyl
Concen: 5.25 ug/ml
RT: 7.216 min Scan# 974
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion:154 Resp: 94308

Ion	Ratio	Lower	Upper
154	100		
153	41.5	32.5	48.7
152	29.1	22.6	34.0

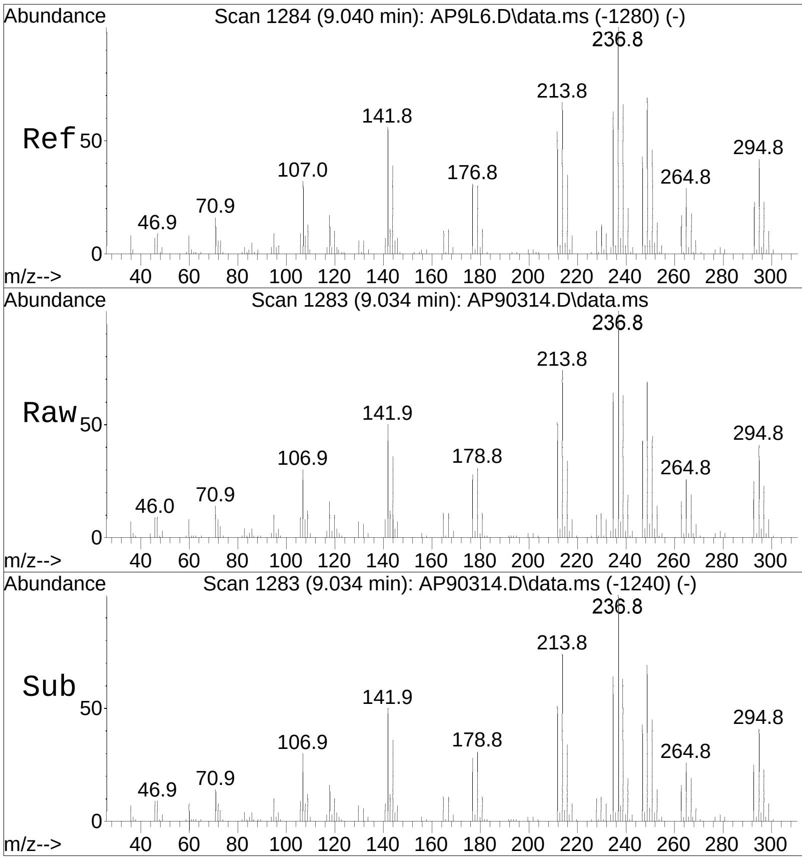




#84
Dichloran
Concen: 4.76 ug/ml
RT: 8.881 min Scan# 1257
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

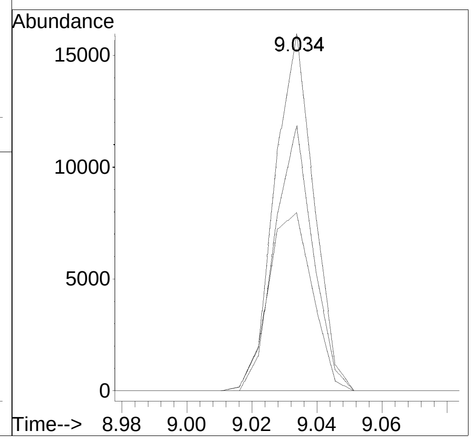
Tgt Ion:206 Resp: 11178

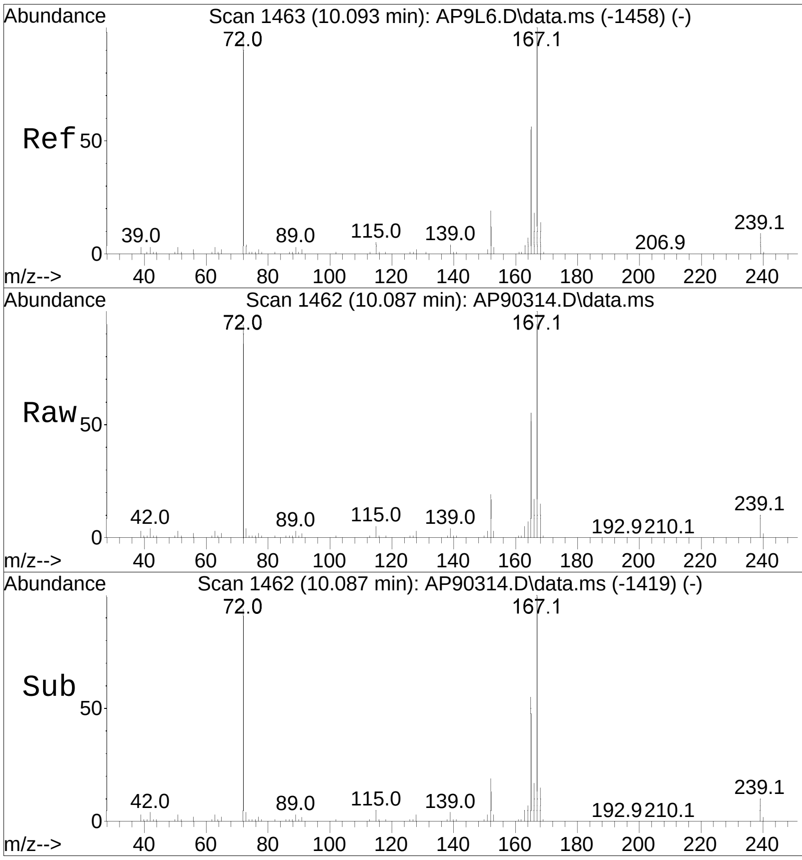
Ion	Ratio	Lower	Upper
206	100		
176	104.6	98.8	148.2
124	107.3	125.8	188.6#



#85
Pentachloronitrobenzene
Concen: 5.35 ug/ml
RT: 9.034 min Scan# 1283
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt	Ion:237	Resp:	13337
Ion	Ratio	Lower	Upper
237	100		
142	56.9	70.3	105.5#
214	72.9	59.4	89.2

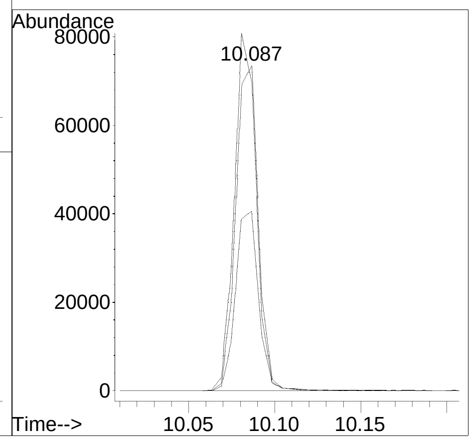




#99
Diphenamid
Concen: 5.33 ug/ml
RT: 10.087 min Scan# 1462
Delta R.T. 0.000 min
Lab File: AP90314.D
Acq: 14 Mar 2025 11:34 am

Tgt Ion:167 Resp: 67205

Ion	Ratio	Lower	Upper
167	100		
72	105.7	98.9	148.3
165	56.9	40.4	60.6



Manual Integration Report

```
Data Path   : I:\8270\SV112\250314RVT\  QMethod     : FS250313SV112RVT.m
Data File   : AP90314.D                 Operator    : SV112:jg
Date Inj'd  : 3/14/2025 11:34 am        Instrument  : SV112
Sample      : WG2040646-4,32,,AP9 11152 Quant Date  : 3/14/2025 11:58 am
```

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250314RVT\
Data File : ADP0314.D
Acq On : 14 Mar 2025 11:57 am
Operator : SV112:jg
Sample : WG2040646-5,32,,ADP 11153 gmr0304C
Misc : WG2040646,,ical22084
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Mar 14 12:30:07 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	99	0.00
33	T	1,4-Dioxane		0.481	0.469	2.5	107	0.00
34	T	n-Decane		1.328	1.241	6.6	100	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	101	0.00
87	T	Atrazine		0.470	0.400	14.9	94	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	104	0.00
101	T	n-Octadecane		0.389	0.361	7.2	105	0.00
102	T	Parathion	*	5.000	4.815	3.7	98	0.00
103	T	3,3'-Dimethylbenzidine	*	5.000	4.271	14.6	101	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : ADP0314.D
Acq On   : 14 Mar 2025 11:57 am
Operator : SV112:jg
Sample   : WG2040646-5,32,,ADP 11153 gmr0304C
Misc   : WG2040646,,ical22084
ALS Vial : 144   Sample Multiplier: 1

Quant Time: Mar 14 12:30:07 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:59 2025
Response via : Initial Calibration

Sub List   : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.828	152	22246	4.000	ug/ml	0.00
86) IS3_Acenaphthene-d10	7.757	164	49798	4.000	ug/ml	0.00
100) IS3_Phenanthrene-d10	9.187	188	116394	4.000	ug/ml	# 0.00
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.928	88	13044	4.872	ug/ml#	83
34) n-Decane	4.711	57	34514	4.672	ug/ml#	88
87) Atrazine	8.952	200	24887	4.256	ug/ml	97
101) n-Octadecane	9.157	57	52502	4.644	ug/ml	92
102) Parathion	9.963	109	11892	4.815	ug/ml#	84
103) 3,3'-Dimethylbenzidine	11.251	212	95155	4.271	ug/ml	100

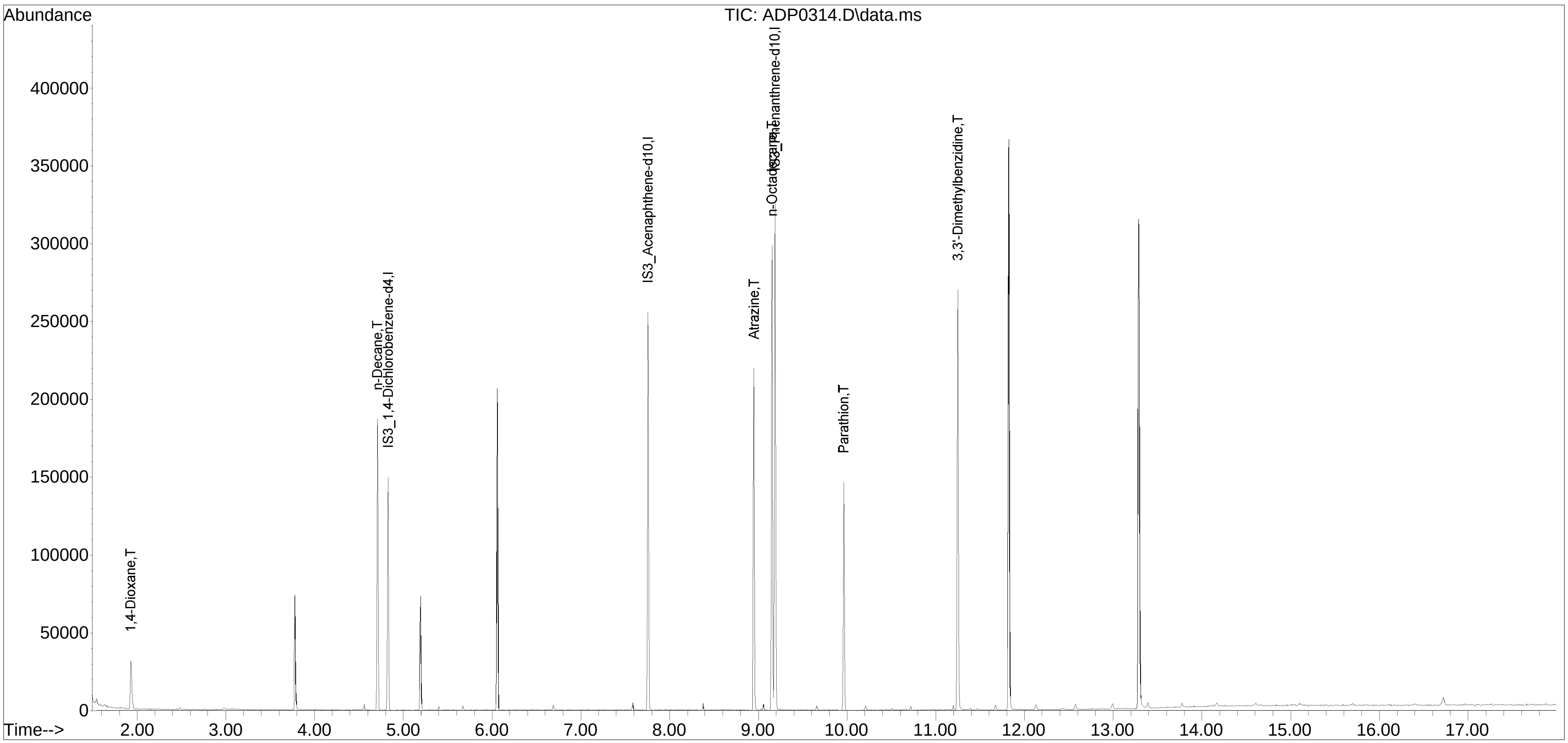
(#) = qualifier out of range (m) = manual integration (+) = signals summed

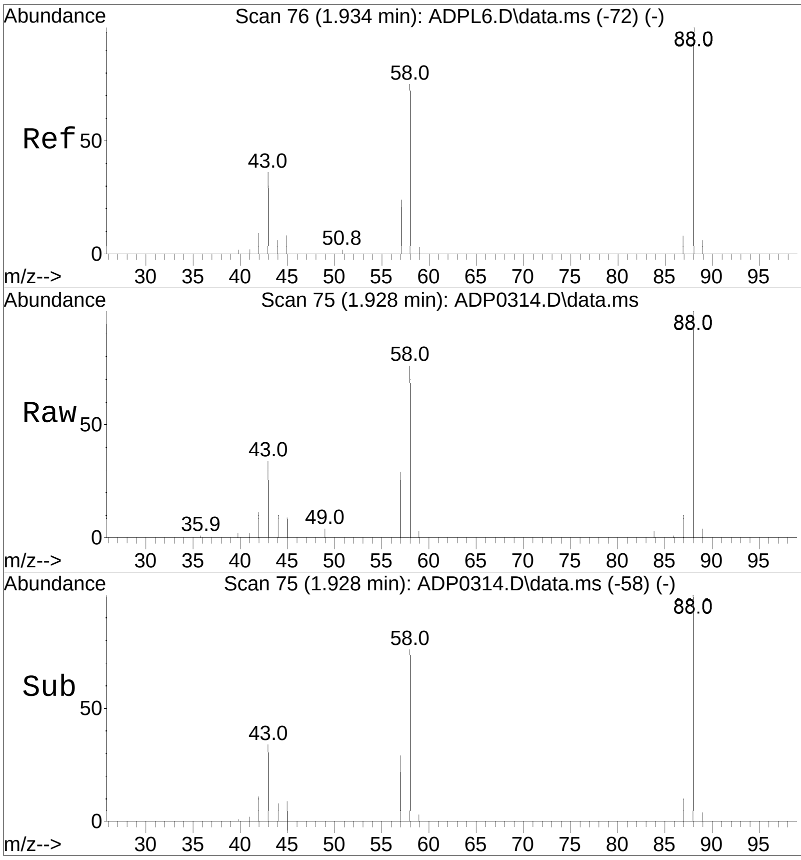
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\250314RVT\
Data File : ADP0314.D
Acq On : 14 Mar 2025 11:57 am
Operator : SV112:jg
Sample : WG2040646-5,32,,ADP 11153 gmr0304C
Misc : WG2040646,,ical22084
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Mar 14 12:30:07 2025
Quant Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 12:30:59 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

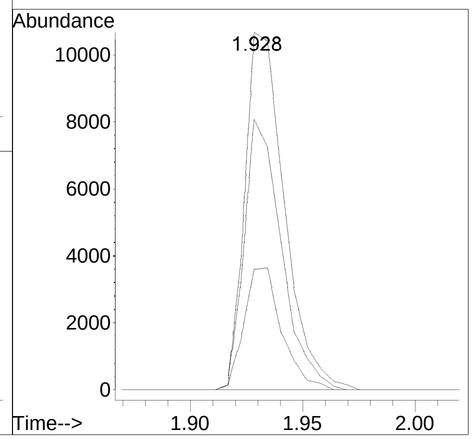


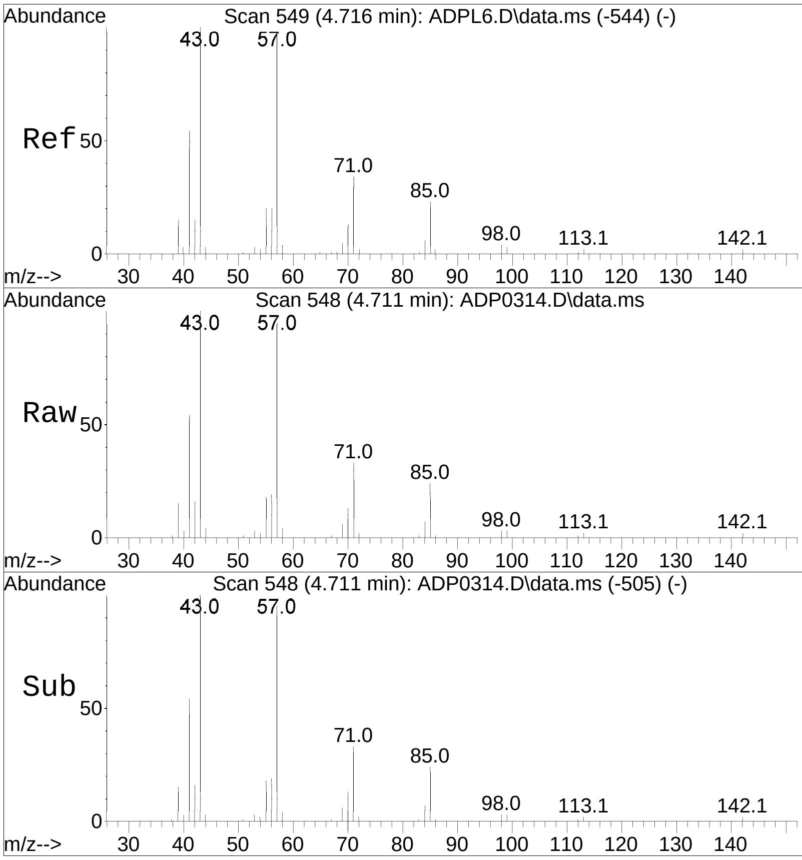


#33
1,4-Dioxane
Concen: 4.87 ug/ml
RT: 1.928 min Scan# 75
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 11:57 am

Tgt Ion: 88 Resp: 13044

Ion	Ratio	Lower	Upper
88	100		
58	71.3	44.8	67.2#
43	32.5	22.4	33.6

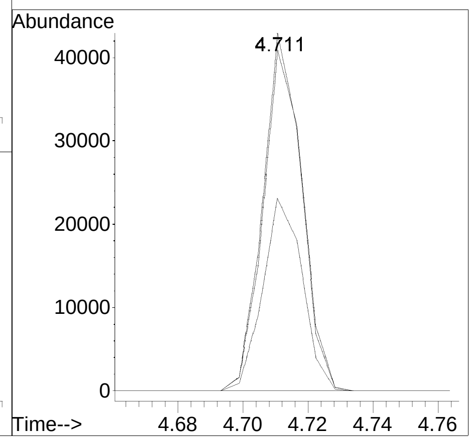


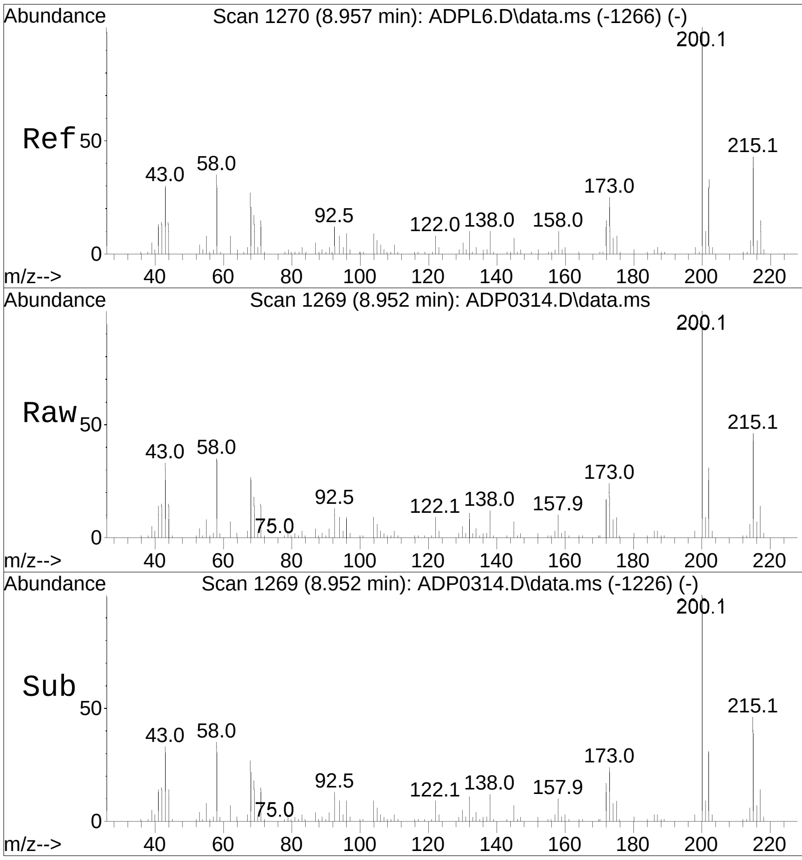


#34
n-Decane
Concen: 4.67 ug/ml
RT: 4.711 min Scan# 548
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 11:57 am

Tgt Ion: 57 Resp: 34514

Ion	Ratio	Lower	Upper
57	100		
43	102.2	75.4	113.2
41	56.5	35.0	52.6#

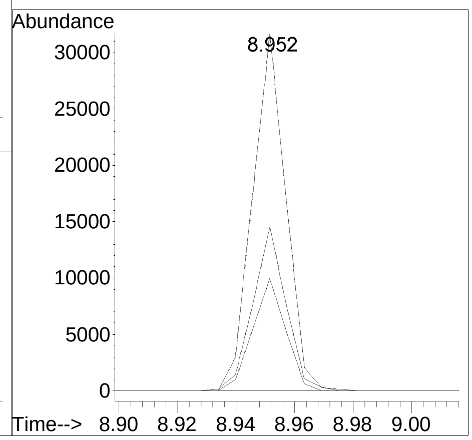


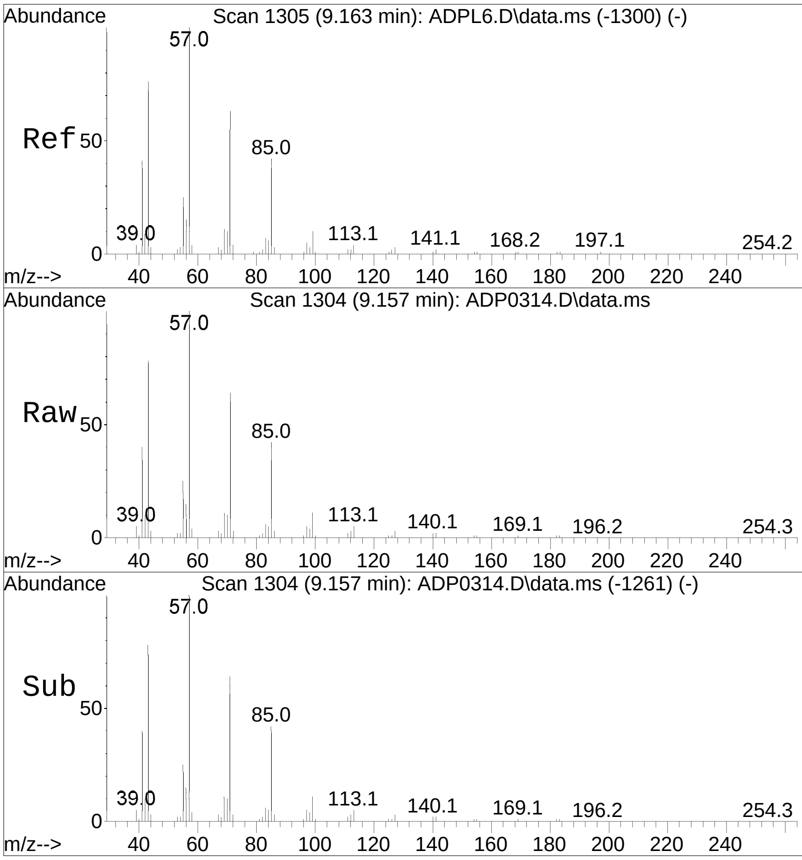


#87
Atrazine
Concen: 4.26 ug/ml
RT: 8.952 min Scan# 1269
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 11:57 am

Tgt Ion:200 Resp: 24887

Ion	Ratio	Lower	Upper
200	100		
202	31.2	25.0	37.6
215	45.8	34.5	51.7

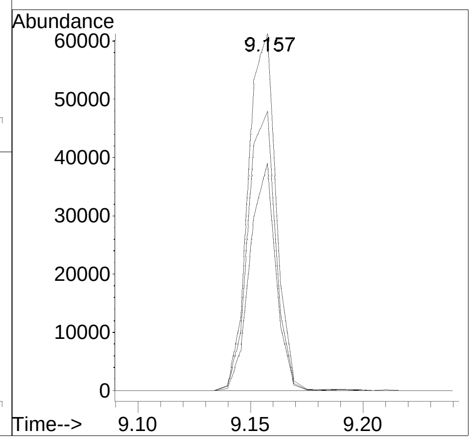


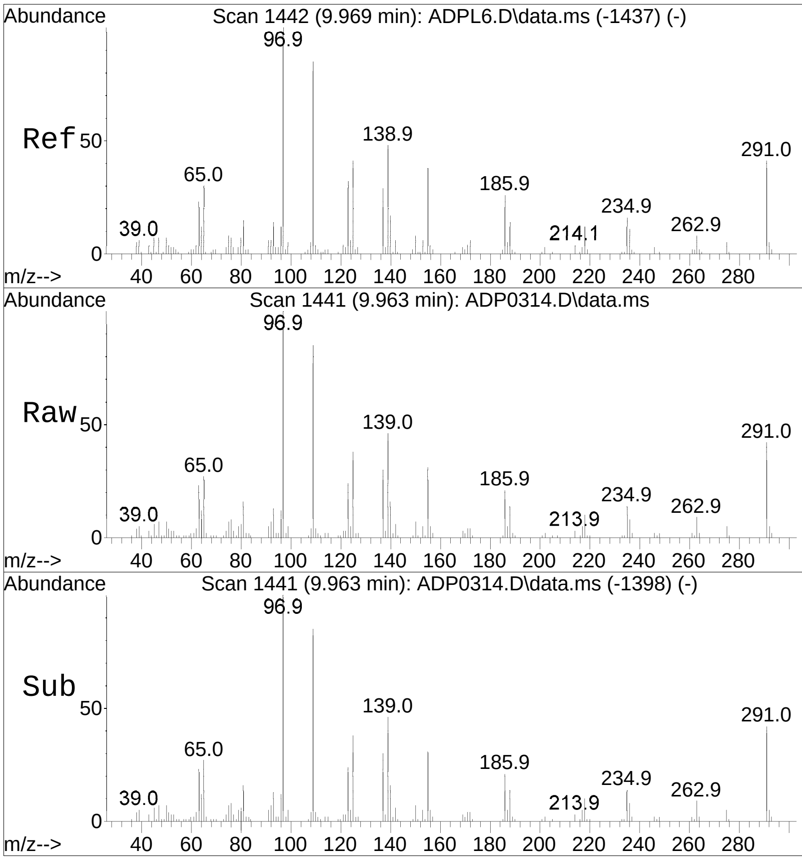


#101
n-Octadecane
Concen: 4.64 ug/ml
RT: 9.157 min Scan# 1304
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 11:57 am

Tgt Ion: 57 Resp: 52502

Ion	Ratio	Lower	Upper
57	100		
43	77.7	54.3	81.5
71	59.2	45.1	67.7

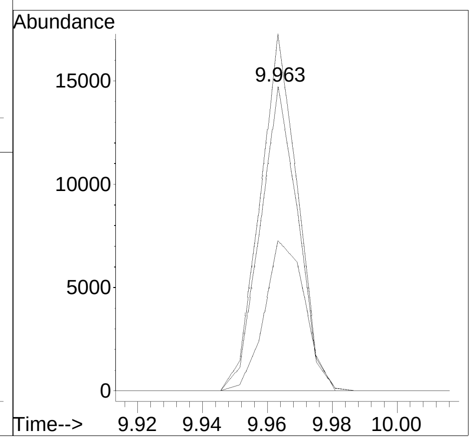


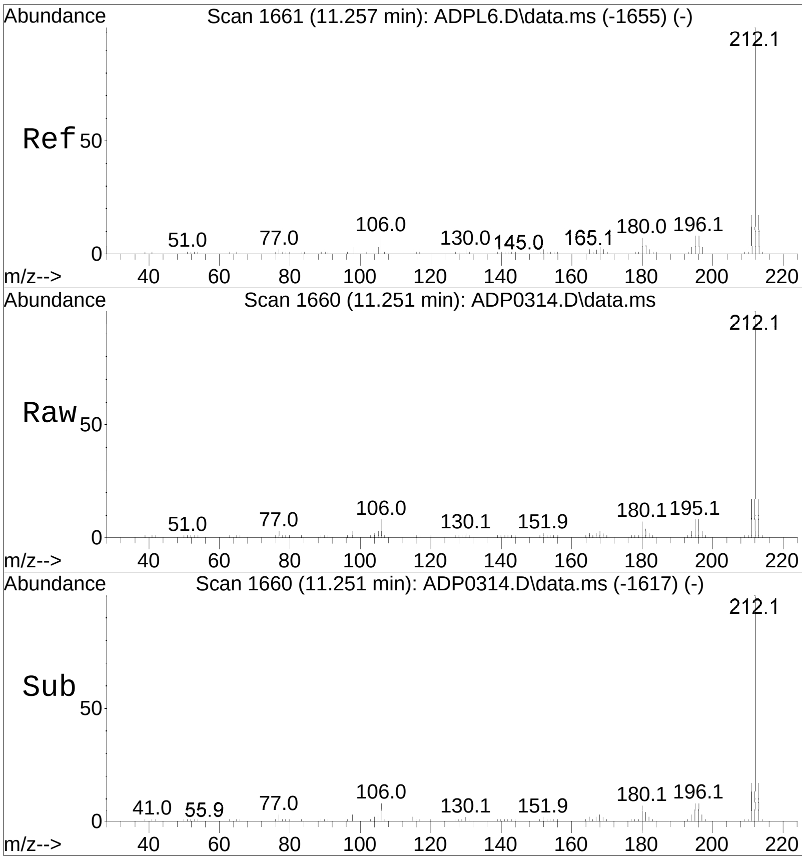


#102
Parathion
Concen: 4.82 ug/ml
RT: 9.963 min Scan# 1441
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 11:57 am

Tgt Ion:109 Resp: 11892

Ion	Ratio	Lower	Upper
109	100		
97	116.1	85.4	128.2
291	53.0	25.4	38.2#

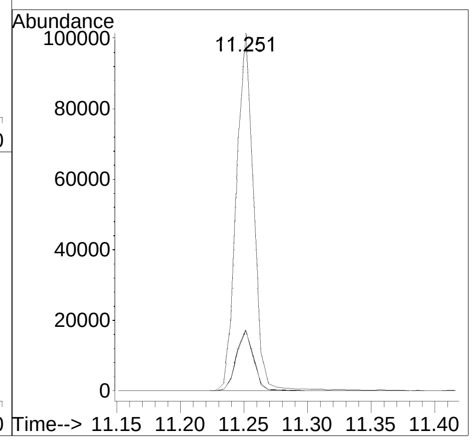




#103
3,3'-Dimethylbenzidine
Concen: 4.27 ug/ml
RT: 11.251 min Scan# 1660
Delta R.T. 0.000 min
Lab File: ADP0314.D
Acq: 14 Mar 2025 11:57 am

Tgt Ion:212 Resp: 95155

Ion	Ratio	Lower	Upper
212	100		
211	16.8	13.3	19.9
213	17.0	13.4	20.2



Manual Integration Report

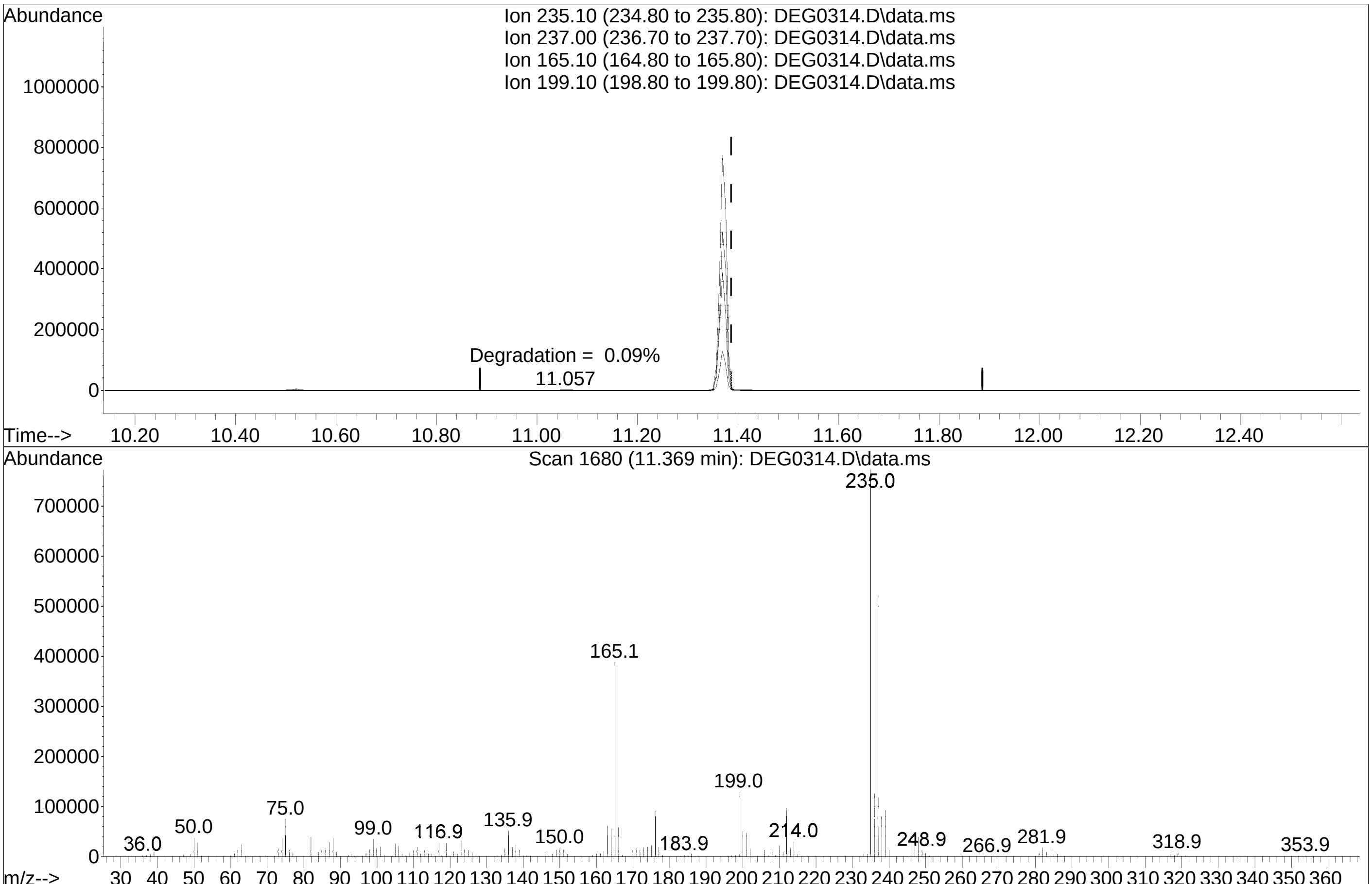
Data Path	: I:\8270\SV112\250314RVT\	QMethod	: FS250313SV112RVT.m
Data File	: ADP0314.D	Operator	: SV112:jg
Date Inj'd	: 3/14/2025 11:57 am	Instrument	: SV112
Sample	: WG2040646-5,32,,ADP 11153	Quant Date	: 3/14/2025 12:31 pm

There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\250314RVT\
Data File : DEG0314.D
Acq On : 14 Mar 2025 10:49 am
Operator : SV112:jg
Sample : WG2040646-2,32,,Degdftpp SV112 Lot#11459
Misc : WG2040646,,ical22084
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Mar 14 11:14:33 2025
Quant Method : I:\8270\SV112\250314RVT\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration



CHROMtools™[WG2040646-2,32,,Degdftpp SV112 Lot#11459]

(6) DDT (T)

11.369min (-0.018) 0.00

response 683134

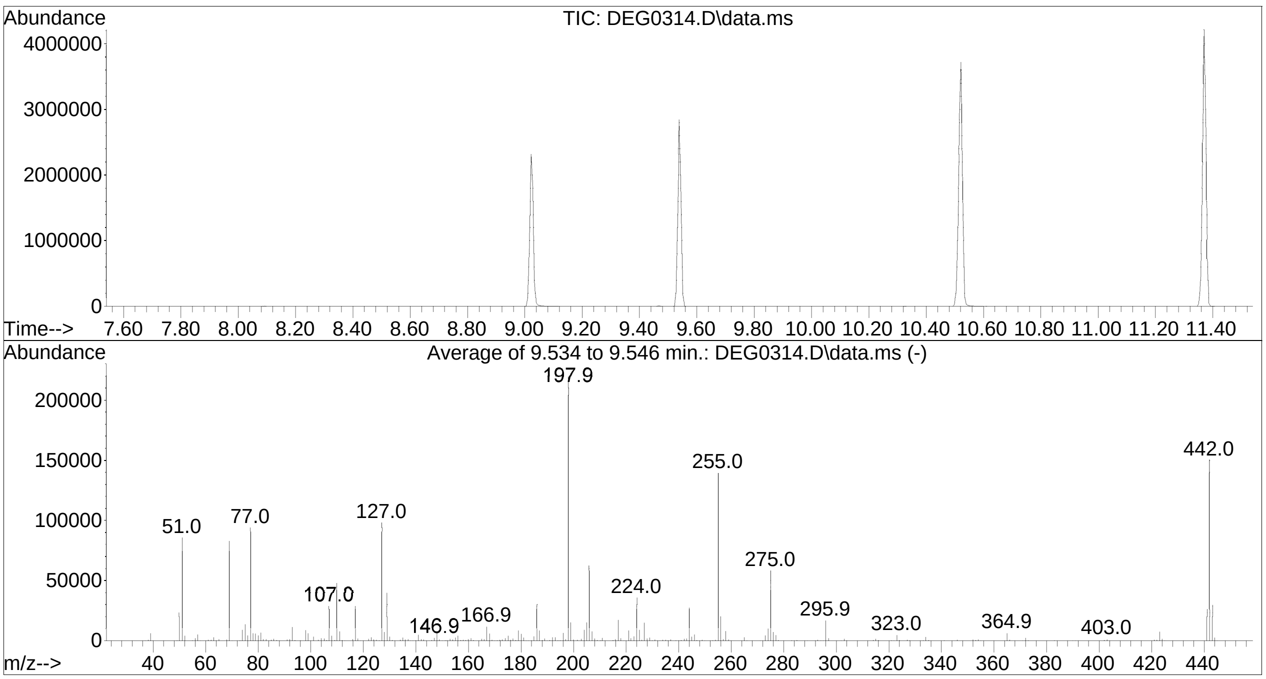
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	71.30	66.62
165.10	47.10	47.68
199.10	16.40	15.87

DFTPP

Data Path : I:\8270\SV112\250314RVT\
Data File : DEG0314.D
Acq On : 14 Mar 2025 10:49 am
Operator : SV112:jg
Sample : WG2040646-1,32,,Degdftpp SV112 Lot#11459
Misc : WG2040646,,ical22084
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV112\250314RVT\FS250313SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Mar 14 12:30:57 2025



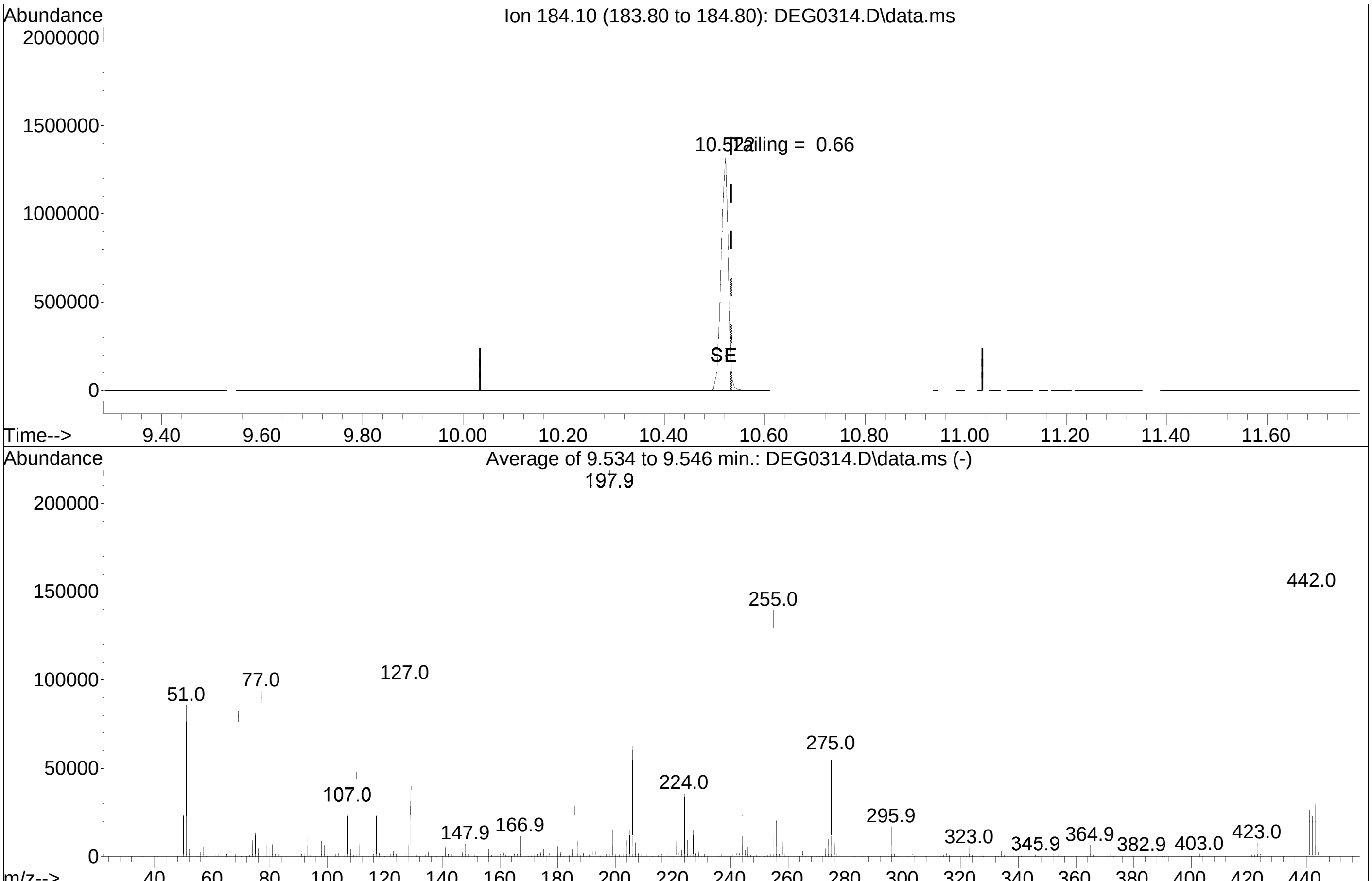
Spectrum Information: Average of 9.534 to 9.546 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.0	85539	PASS
68	69	0.00	2	1.6	1281	PASS
69	69	100	100	100.0	82528	PASS
70	69	0.00	2	0.4	365	PASS
127	198	10	80	44.7	97952	PASS
197	198	0.00	2	0.7	1555	PASS
198	198	100	100	100.0	219072	PASS
199	198	5	9	7.0	15304	PASS
275	198	10	60	26.5	58056	PASS
365	198	1	100	2.9	6386	PASS
441	442	0.01	24	17.5	26314	PASS
442	198	50	100	68.5	150085	PASS
443	442	15	24	19.7	29559	PASS

Quantitation Report (Qedit)

```
Data Path : I:\8270\SV112\250314RVT\
Data File : DEG0314.D
Acq On    : 14 Mar 2025  10:49 am
Operator  : SV112:jg
Sample    : WG2040646-6,32,,Degdftpp SV112 Lot#11459
Misc      : WG2040646,,ical22084
ALS Vial  : 141   Sample Multiplier: 1

Quant Time: Mar 14 11:14:33 2025
Quant Method : I:\8270\SV112\250314RVT\DftppSV112.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration
```



CHROMtools™[WG2040646-7,32,,Degdftpp SV112 Lot#11459]

(3) Benzidine (T)

10.522min (-0.012) 0.00

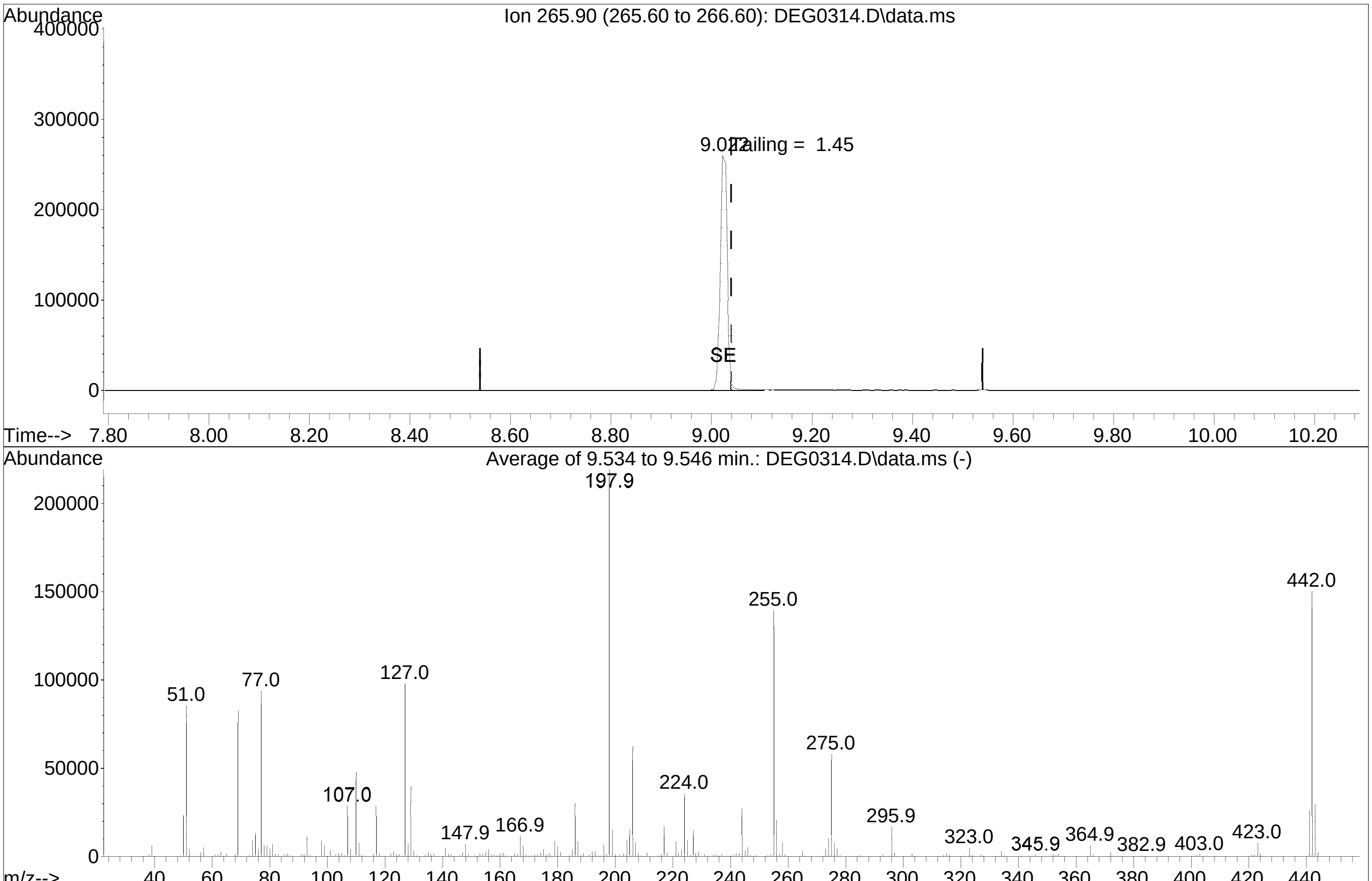
response 1279653

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : I:\8270\SV112\250314RVT\
Data File : DEG0314.D
Acq On    : 14 Mar 2025  10:49 am
Operator  : SV112:jg
Sample    : WG2040646-7,32,,Degdftpp SV112 Lot#11459
Misc      : WG2040646,,ical22084
ALS Vial  : 141   Sample Multiplier: 1

Quant Time: Mar 14 11:14:33 2025
Quant Method : I:\8270\SV112\250314RVT\DftppSV112.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration
```



CHROMtools™ [WG2040646-2,32,,Degdftpp SV112 Lot#11459]

(1) Pentachlorophenol (T)

9.022min (-0.018) 0.00

response 242668

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Duplicate Retention Times

(5) DDD 235.00

Semivolatiles Raw QC Data

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-1.D
Acq On    : 13 Mar 2025   1:27 pm
Operator  : SV106:jg
Sample    : WG2038207-1,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 13 17:47:08 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
             : 2 - I:\8270\SV106\250313RVT\ADP0313.D
             : 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA

        Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 -----------------------------------------------------------------------------
 Internal Standards
  1) IS1_1,4-Dichlorobenzen...   6.351  152     65082     4.000 ug/ml    0.00
    Standard Area 1 = 59871                 Recovery   =  108.70%
 27) IS2_1,4-Dichlorobenzen...   6.351  152     65082     4.000 ug/ml    0.00
    Standard Area 3 = 57135                 Recovery   =  113.91%
 32) IS3_1,4-Dichlorobenzen...   6.351  152     65082     4.000 ug/ml    0.00
    Standard Area 2 = 59091                 Recovery   =  110.14%
 35) IS1_Naphthalene-d8          7.783  136    242428     4.000 ug/ml  # 0.00
    Standard Area 1 = 230532                 Recovery   =  105.16%
 55) IS2_Naphthalene-d8          7.783  136    242428     4.000 ug/ml  # 0.00
    Standard Area 3 = 214914                 Recovery   =  112.80%
 63) IS1_Acenaphthene-d10        9.551  164    148669     4.000 ug/ml    0.00
    Standard Area 1 = 140631                 Recovery   =  105.72%
 83) IS2_Acenaphthene-d10        9.551  164    148669     4.000 ug/ml    0.00
    Standard Area 3 = 134336                 Recovery   =  110.67%
 86) IS3_Acenaphthene-d10        9.551  164    148669     4.000 ug/ml    0.00
    Standard Area 2 = 132555                 Recovery   =  112.16%
 88) IS1_Phenanthrene-d10       10.988  188    296186     4.000 ug/ml  # 0.00
    Standard Area 1 = 279147                 Recovery   =  106.10%
100) IS3_Phenanthrene-d10       10.988  188    296186     4.000 ug/ml  # 0.00
    Standard Area 2 = 278241                 Recovery   =  106.45%
104) IS1_Chrysene-d12           13.610  240    293756     4.000 ug/ml    0.00
    Standard Area 1 = 296814                 Recovery   =   98.97%
113) IS1_Perylene-d12           15.072  264    309941     4.000 ug/ml    0.00
    Standard Area 1 = 301762                 Recovery   =  102.71%

 System Monitoring Compounds
  4) 2-Fluorophenol              4.384  112     11043     0.602 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   30.10%
  7) Phenol-d6                   5.986   99     10243     0.476 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   23.80%
 19) Nitrobenzene-d5             7.018   82     13007     0.730 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   73.00%
 46) 2-Fluorobiphenyl            8.911  172     40207     0.719 ug/ml   0.00
    Spiked Amount      1.000   Range  30 - 130    Recovery   =   71.90%
 79) 2,4,6-Tribromophenol       10.322  330      7708     1.008 ug/ml   0.00
    Spiked Amount      2.000   Range  15 - 110    Recovery   =   50.40%
```

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-1.D
Acq On    : 13 Mar 2025   1:27 pm
Operator  : SV106:jg
Sample    : WG2038207-1,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 13 17:47:08 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
             : 2 - I:\8270\SV106\250313RVT\ADP0313.D
             : 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
96) 4-Terphenyl-d14	12.567	244	57100	0.743 ug/ml	0.00

Spiked Amount 1.000 Range 30 - 130 Recovery = 74.30%

Target Compounds	R.T.	Response	Conc	Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
10) 1,3-Dichlorobenzene	0.000	0	N.D.	
11) 1,4-Dichlorobenzene	0.000	0	N.D.	
12) 1,2-Dichlorobenzene	0.000	0	N.D.	
13) Benzyl alcohol	0.000	0	N.D. d	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D. d	
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
26) 1,2,4-Trichlorobenzene	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
36) Naphthalene	0.000	0	N.D.	
37) Benzoic Acid	0.000	0	N.D.	
38) 4-Chloroaniline	0.000	0	N.D.	
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	
52) Acenaphthylene	0.000	0	N.D.	

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-1.D
Acq On    : 13 Mar 2025   1:27 pm
Operator  : SV106:jg
Sample    : WG2038207-1,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 13 17:47:08 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
             : 2 - I:\8270\SV106\250313RVT\ADP0313.D
             : 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 2,6-Dinitrotoluene	0.000		0	N.D. d	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
65) Acenaphthene	0.000		0	N.D.	
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	0.000		0	N.D.	
68) 2,4-Dinitrotoluene	0.000		0	N.D. d	
69) 4-Nitrophenol	0.000		0	N.D. d	
72) Diethyl phthalate	0.000		0	N.D.	
73) Fluorene	0.000		0	N.D.	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
81) Hexachlorobenzene	0.000		0	N.D.	
82) Pentachlorophenol	0.000		0	N.D.	
89) Phenanthrene	0.000		0	N.D.	
90) Anthracene	0.000		0	N.D.	
91) Carbazole	0.000		0	N.D.	
92) Di-n-butylphthalate	0.000		0	N.D. d	
93) Fluoranthene	0.000		0	N.D.	
95) Pyrene	0.000		0	N.D.	
97) Butyl benzyl phthalate	0.000		0	N.D.	
105) Benzo(a)anthracene	0.000		0	N.D. d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
107) Chrysene	0.000		0	N.D. d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d	
109) Di-n-octylphthalate	0.000		0	N.D. d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	
111) Benzo(k)fluoranthene	0.000		0	N.D.	
112) Benzo(a)pyrene	0.000		0	N.D. d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.	
116) Benzo(ghi)perylene	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-1.D
Acq On    : 13 Mar 2025   1:27 pm
Operator  : SV106:jg
Sample    : WG2038207-1,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 13 17:47:08 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
             : 2 - I:\8270\SV106\250313RVT\ADP0313.D
             : 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

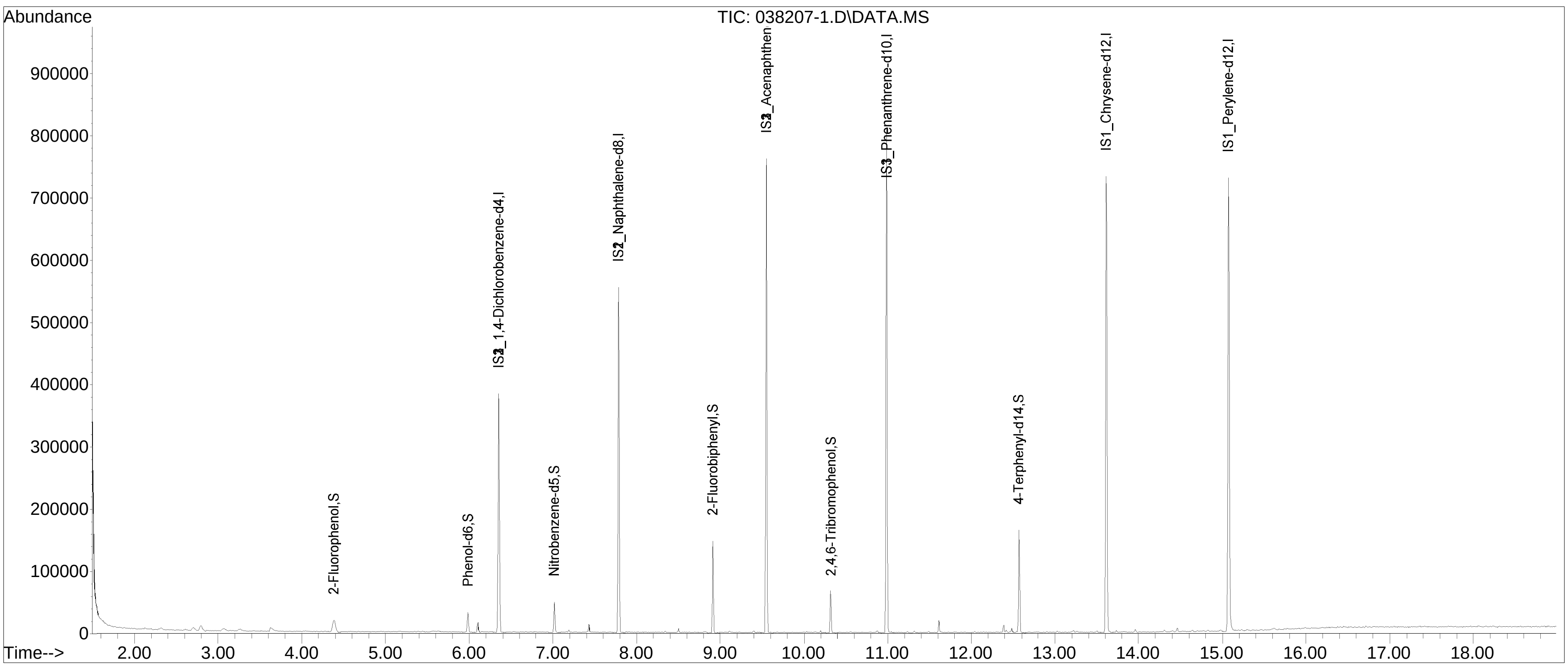
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-1.D
Acq On    : 13 Mar 2025   1:27 pm
Operator  : SV106:jg
Sample    : WG2038207-1,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 13 17:47:08 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

Sub List     : 8270TCL_REV2 - TCL/CT/MARVT\AP90313.D•
```



Manual Integration Report

Data Path	: I:\8270\SV106\250313RVT\	QMethod	: FS250311SV106.m
Data File	: 038207-1.D	Operator	: SV106:jg
Date Inj'd	: 3/13/2025 1:27 pm	Instrument	: SV 106
Sample	: WG2038207-1,32,,gmr	Quant Date	: 3/13/2025 4:37 pm

There are no manual integrations or false positives in this file.

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-2.D
Acq On    : 13 Mar 2025   1:50 pm
Operator  : SV106:jg
Sample    : WG2038207-2,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Mar 13 17:47:50 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
             : 2 - I:\8270\SV106\250313RVT\ADP0313.D
             : 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
--------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   6.351  152     67857     4.000 ug/ml    0.00
   Standard Area 1 = 59871                 Recovery   =  113.34%
 27) IS2_1,4-Dichlorobenzen...   6.351  152     67857     4.000 ug/ml    0.00
   Standard Area 3 = 57135                 Recovery   =  118.77%
 32) IS3_1,4-Dichlorobenzen...   6.351  152     67857     4.000 ug/ml    0.00
   Standard Area 2 = 59091                 Recovery   =  114.83%
 35) IS1_Naphthalene-d8         7.783  136    254419     4.000 ug/ml  # 0.00
   Standard Area 1 = 230532                 Recovery   =  110.36%
 55) IS2_Naphthalene-d8         7.783  136    254419     4.000 ug/ml  # 0.00
   Standard Area 3 = 214914                 Recovery   =  118.38%
 63) IS1_Acenaphthene-d10       9.550  164    158088     4.000 ug/ml    0.00
   Standard Area 1 = 140631                 Recovery   =  112.41%
 83) IS2_Acenaphthene-d10       9.550  164    158088     4.000 ug/ml    0.00
   Standard Area 3 = 134336                 Recovery   =  117.68%
 86) IS3_Acenaphthene-d10       9.550  164    158088     4.000 ug/ml    0.00
   Standard Area 2 = 132555                 Recovery   =  119.26%
 88) IS1_Phenanthrene-d10      10.988  188    316714     4.000 ug/ml  # 0.00
   Standard Area 1 = 279147                 Recovery   =  113.46%
100) IS3_Phenanthrene-d10      10.988  188    316714     4.000 ug/ml  # 0.00
   Standard Area 2 = 278241                 Recovery   =  113.83%
104) IS1_Chrysene-d12          13.617  240    313755     4.000 ug/ml    0.00
   Standard Area 1 = 296814                 Recovery   =  105.71%
113) IS1_Perylene-d12          15.079  264    327342     4.000 ug/ml    0.00
   Standard Area 1 = 301762                 Recovery   =  108.48%

 System Monitoring Compounds
 4) 2-Fluorophenol              4.391  112     17799     0.930 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   46.50%
 7) Phenol-d6                   5.985   99     15071     0.672 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   33.60%
 19) Nitrobenzene-d5             7.017   82     17293     0.930 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   93.00%
 46) 2-Fluorobiphenyl            8.911  172     51424     0.876 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   87.60%
 79) 2,4,6-Tribromophenol       10.321  330     13115     1.614 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   80.70%
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-2.D
Acq On : 13 Mar 2025 1:50 pm
Operator : SV106:jg
Sample : WG2038207-2,32,,gmr
Misc : WG2040166,WG2038207,ical22075
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:47:50 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
: 2 - I:\8270\SV106\250313RVT\ADP0313.D
: 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	12.576	244	73430	0.894	ug/ml	0.00

Spiked Amount 1.000 Range 30 - 130 Recovery = 89.40%

Target Compounds						Qvalue
6) 2-Chlorophenol	6.087	128	29425	1.424	ug/ml	96
8) Phenol	6.002	94	17019	0.688	ug/ml	95
9) Bis(2-chloroethyl)ether	6.079	93	35089	1.784	ug/ml#	79
10) 1,3-Dichlorobenzene	6.274	146	34964	1.338	ug/ml	96
11) 1,4-Dichlorobenzene	6.376	146	36278	1.358	ug/ml	98
12) 1,2-Dichlorobenzene	6.555	146	35949	1.422	ug/ml	97
13) Benzyl alcohol	6.572	79	21726	1.407	ug/ml	98
14) Bis(2-chloroisopropyl)...	6.755	45	85308	1.860	ug/ml#	78
15) 2-Methylphenol	6.739	108	28021	1.288	ug/ml	97
16) Hexachloroethane	6.942	117	11258	1.215	ug/ml#	53
17) n-Nitrosodi-n-propylamine	6.897	70	26622	1.836	ug/ml	92
18) 3-Methylphenol/4-Methy...	6.927	108	25188	1.338	ug/ml	95
20) Nitrobenzene	7.040	77	33816	1.783	ug/ml	99
21) Isophorone	7.318	82	68752	1.765	ug/ml	99
22) 2-Nitrophenol	7.400	139	13811	1.600	ug/ml	92
23) 2,4-Dimethylphenol	7.506	107	20622	1.014	ug/ml	98
24) Bis(2-chloroethoxy)met...	7.595	93	47933	1.724	ug/ml#	98
25) 2,4-Dichlorophenol	7.660	162	31186	1.617	ug/ml#	94
26) 1,2,4-Trichlorobenzene	7.739	180	34812	1.408	ug/ml	96
29) Acetophenone	6.860	105	54738	1.961	ug/ml#	93
36) Naphthalene	7.804	128	104058	1.534	ug/ml	100
37) Benzoic Acid	7.558	105	3539	0.568	ug/ml	91
38) 4-Chloroaniline	7.898	65	12314M3	1.471	ug/ml	
39) Hexachlorobutadiene	7.977	225	18496	1.193	ug/ml	98
40) p-Chloro-m-cresol	8.424	107	31533	1.525	ug/ml#	93
41) 2-Methylnaphthalene	8.529	142	63233	1.559	ug/ml	95
43) Hexachlorocyclopentadiene	8.708	237	15751	0.826	ug/ml	96
44) 2,4,6-Trichlorophenol	8.828	196	23826	1.491	ug/ml	98
45) 2,4,5-Trichlorophenol	8.858	196	26918	1.661	ug/ml	96
47) 2-Chloronaphthalene	9.008	162	73034	1.518	ug/ml	99
48) 2-Nitroaniline	9.120	138	18808	1.779	ug/ml	91
51) Dimethyl phthalate	9.329	163	102114	1.767	ug/ml#	98
52) Acenaphthylene	9.403	152	120900	1.582	ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-2.D
Acq On : 13 Mar 2025 1:50 pm
Operator : SV106:jg
Sample : WG2038207-2,32,,gmr
Misc : WG2040166,WG2038207,ical22075
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:47:50 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
: 2 - I:\8270\SV106\250313RVT\ADP0313.D
: 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 2,6-Dinitrotoluene	9.371	165	17204	1.794 ug/ml#	81
61) 1,2,4,5-Tetrachloroben...	8.701	216	38606	1.512 ug/ml	98
62) Biphenyl	9.001	154	93832	1.666 ug/ml	99
64) 3-Nitroaniline	9.519	138	16775	1.682 ug/ml#	93
65) Acenaphthene	9.582	154	67574	1.552 ug/ml	89
66) 2,4-Dinitrophenol	9.624	184	6966	1.457 ug/ml	96
67) Dibenzofuran	9.751	168	119900	1.585 ug/ml	97
68) 2,4-Dinitrotoluene	9.761	165	22335	1.716 ug/ml#	82
69) 4-Nitrophenol	9.719	65	7065	0.929 ug/ml#	33
72) Diethyl phthalate	10.025	149	94511	1.760 ug/ml	100
73) Fluorene	10.089	166	93651	1.681 ug/ml	95
74) 4-Chlorophenyl phenyl ...	10.110	204	47393	1.626 ug/ml#	86
75) 4-Nitroaniline	10.110	138	18791	1.937 ug/ml	86
76) 4,6-Dinitro-o-cresol	10.152	198	11094	1.650 ug/ml#	68
77) NDPA/DPA	10.223	169	80206	1.726 ug/ml	93
80) 4-Bromophenyl phenyl e...	10.579	248	29156	1.593 ug/ml#	83
81) Hexachlorobenzene	10.624	284	35832	1.670 ug/ml#	82
82) Pentachlorophenol	10.821	266	16029	1.436 ug/ml	97
89) Phenanthrene	11.010	178	154812	1.722 ug/ml	99
90) Anthracene	11.056	178	152247	1.736 ug/ml	99
91) Carbazole	11.230	167	142766	1.823 ug/ml	100
92) Di-n-butylphthalate	11.624	149	151730	1.716 ug/ml	99
93) Fluoranthene	12.163	202	182966	1.781 ug/ml#	93
95) Pyrene	12.379	202	192383	1.788 ug/ml	100
97) Butyl benzyl phthalate	13.101	149	56497	1.674 ug/ml	88
105) Benzo(a)anthracene	13.609	228	187240	1.868 ug/ml	99
106) 3,3'-Dichlorobenzidine	13.609	252	57979	1.723 ug/ml#	97
107) Chrysene	13.641	228	183221	1.844 ug/ml	99
108) Bis(2-ethylhexyl)phtha...	13.736	149	88317	1.673 ug/ml#	95
109) Di-n-octylphthalate	14.418	149	129205	1.657 ug/ml#	79
110) Benzo(b)fluoranthene	14.713	252	184788	1.793 ug/ml#	94
111) Benzo(k)fluoranthene	14.736	252	185062	1.930 ug/ml#	93
112) Benzo(a)pyrene	15.024	252	164775M3	1.816 ug/ml	
114) Indeno(1,2,3-cd)pyrene	16.046	276	162152M6	1.856 ug/mL	
115) Dibenzo(a,h)anthracene	16.069	278	165268	1.901 ug/ml#	90
116) Benzo(ghi)perylene	16.283	276	158859	1.853 ug/ml#	88

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-2.D
Acq On    : 13 Mar 2025   1:50 pm
Operator  : SV106:jg
Sample    : WG2038207-2,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Mar 13 17:47:50 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
             : 2 - I:\8270\SV106\250313RVT\ADP0313.D
             : 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA

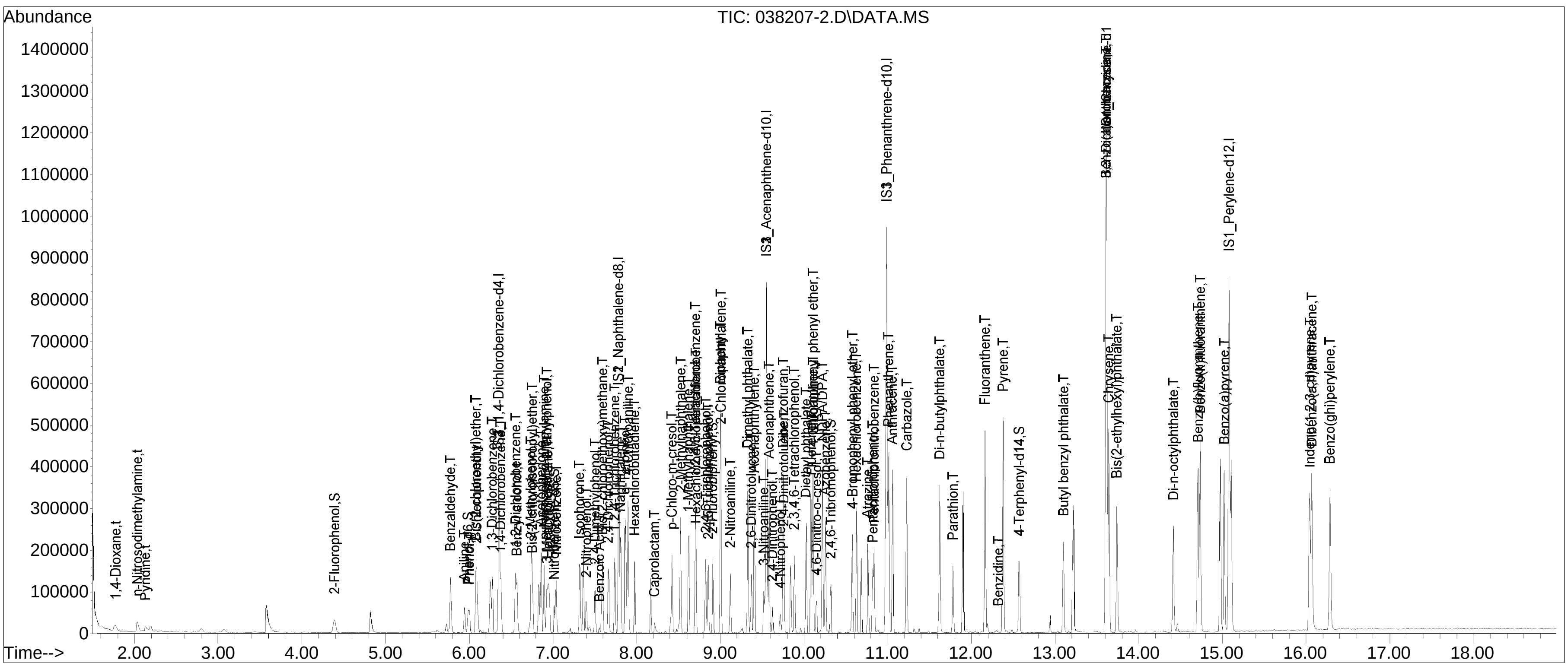
        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

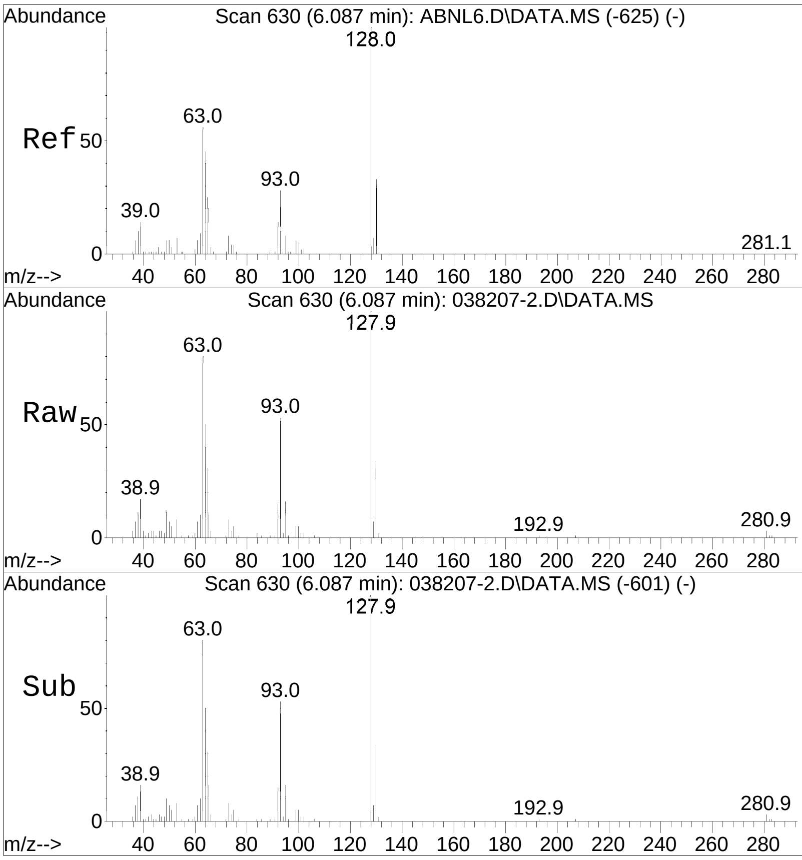
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-2.D
Acq On   : 13 Mar 2025   1:50 pm
Operator : SV106:jg
Sample   : WG2038207-2,32,,gmr
Misc   : WG2040166,WG2038207,ical22075
ALS Vial : 5   Sample Multiplier: 1

Quant Time: Mar 13 17:47:50 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

Sub List   : 8270TCL_REV2 - TCL/CT/MARVT\AP90313.D•

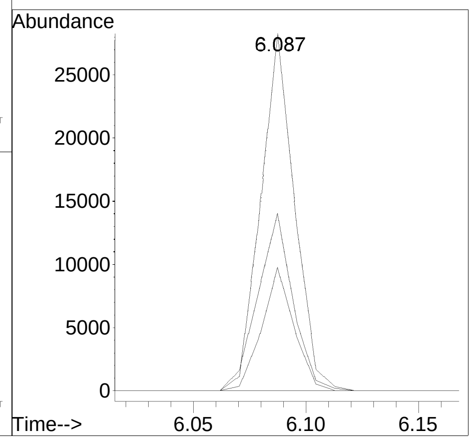


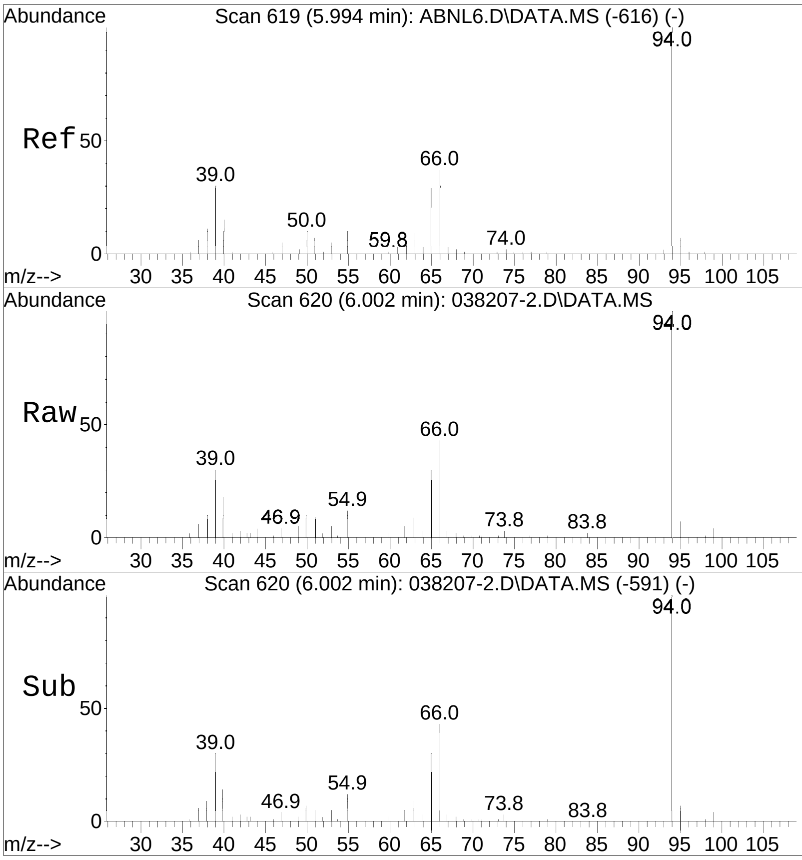


#6
2-Chlorophenol
Concen: 1.42 ug/ml
RT: 6.087 min Scan# 630
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:128 Resp: 29425

Ion	Ratio	Lower	Upper
128	100		
64	51.7	45.1	67.7
130	32.8	26.2	39.4

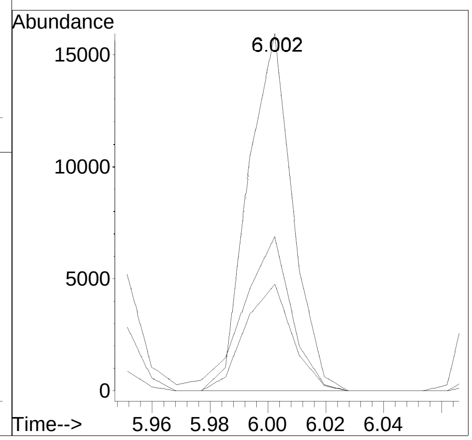


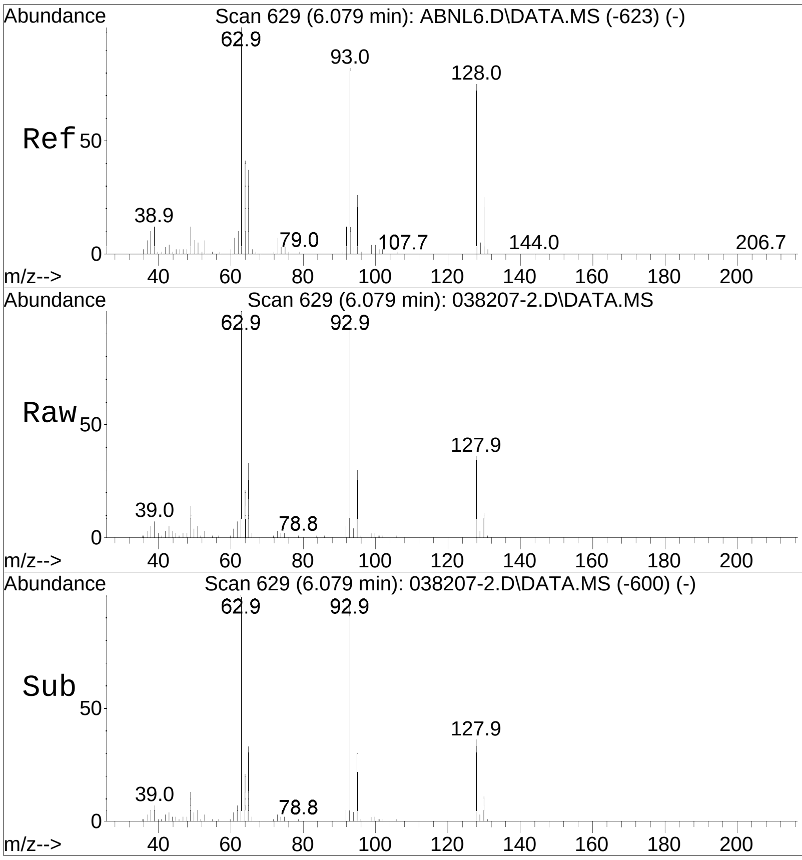


#8
Phenol
Concen: 0.69 ug/ml
RT: 6.002 min Scan# 620
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion: 94 Resp: 17019

Ion	Ratio	Lower	Upper
94	100		
65	31.9	26.0	39.0
66	47.0	33.8	50.8

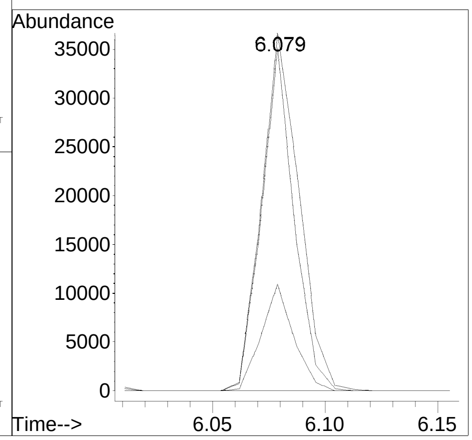


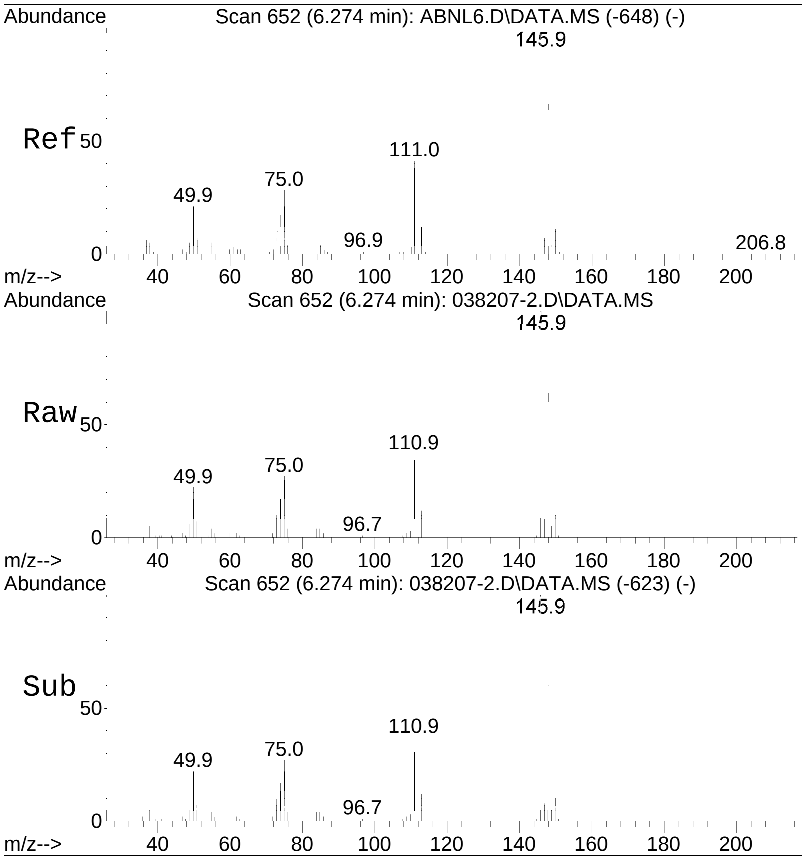


#9
Bis(2-chloroethyl)ether
Concen: 1.78 ug/ml
RT: 6.079 min Scan# 629
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion: 93 Resp: 35089

Ion	Ratio	Lower	Upper
93	100		
63	119.5	74.6	111.8#
95	31.0	25.9	38.9

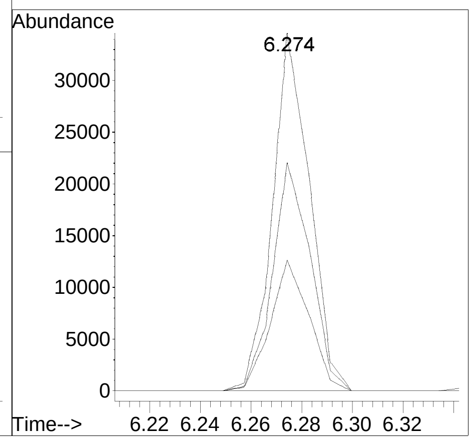


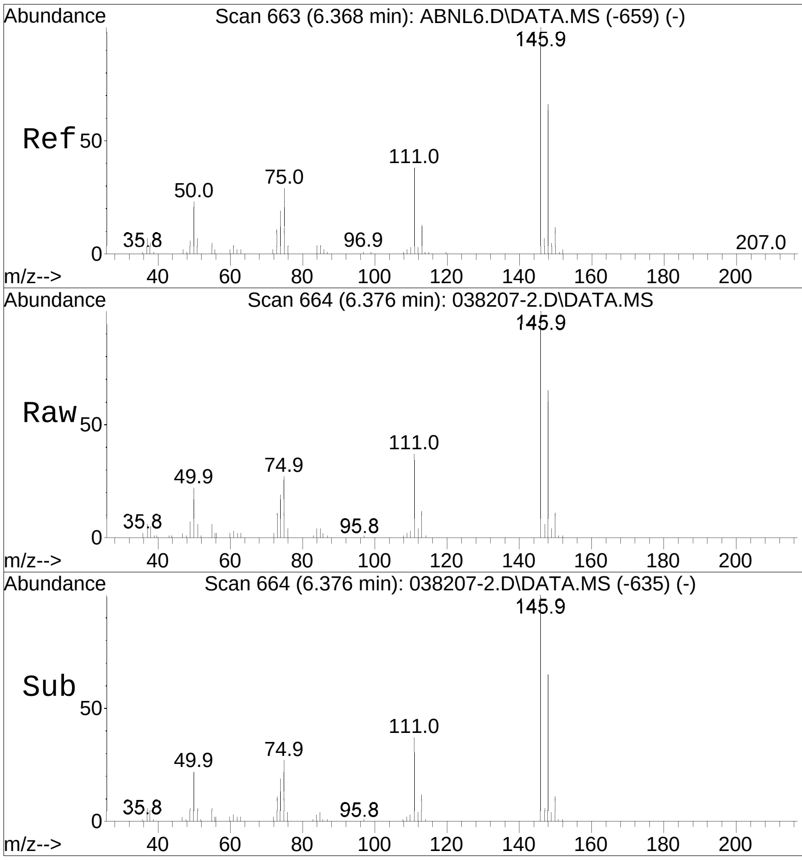


#10
1,3-Dichlorobenzene
Concen: 1.34 ug/ml
RT: 6.274 min Scan# 652
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025   1:50 pm

Tgt Ion:146 Resp: 34964

Ion	Ratio	Lower	Upper
146	100		
111	38.2	34.3	51.5
148	65.3	50.8	76.2

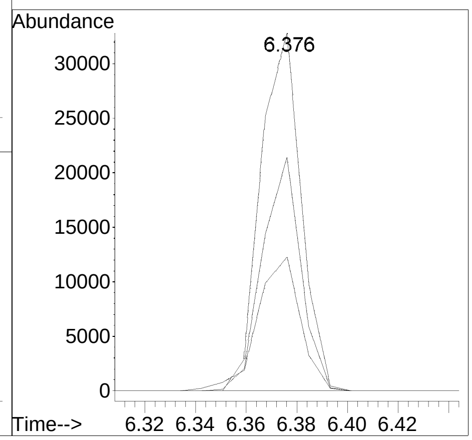


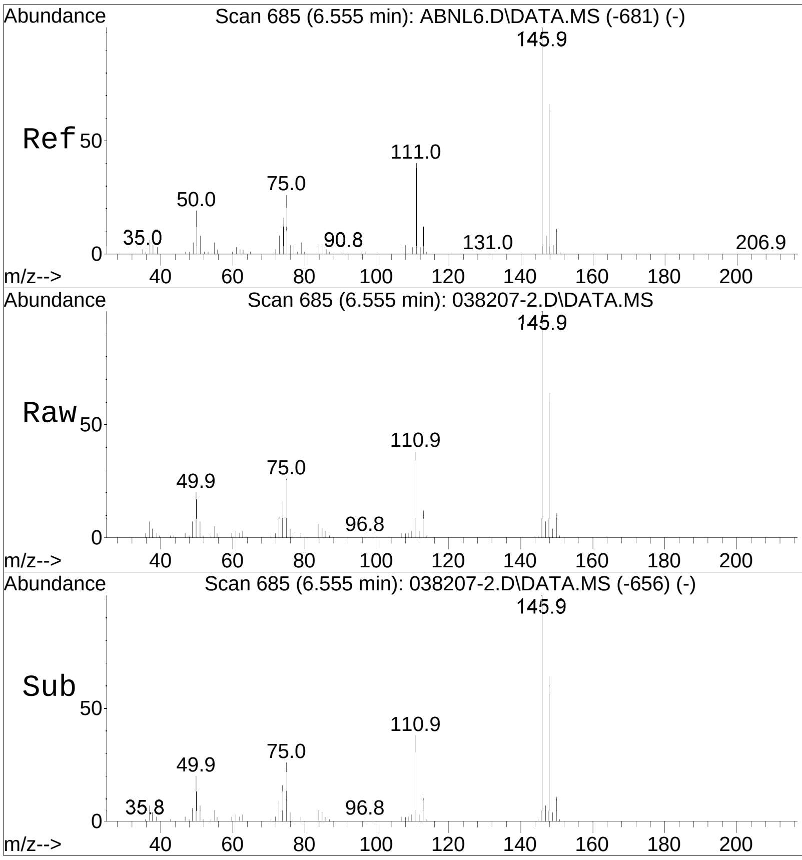


#11
1,4-Dichlorobenzene
Concen: 1.36 ug/ml
RT: 6.376 min Scan# 664
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:146 Resp: 36278

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.7	76.1
111	40.1	33.4	50.0

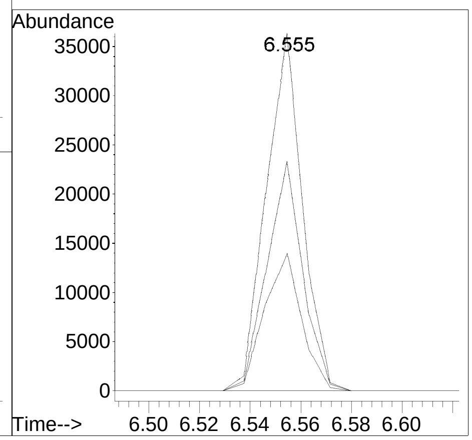


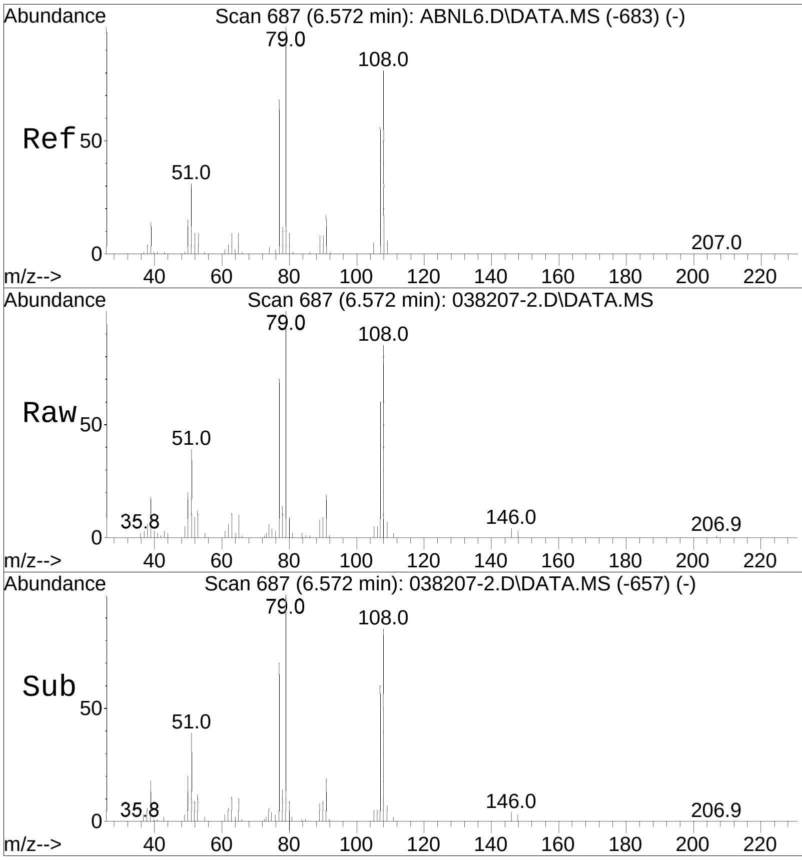


#12
1,2-Dichlorobenzene
Concen: 1.42 ug/ml
RT: 6.555 min Scan# 685
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:146 Resp: 35949

Ion	Ratio	Lower	Upper
146	100		
111	39.7	34.6	52.0
148	63.6	50.2	75.4

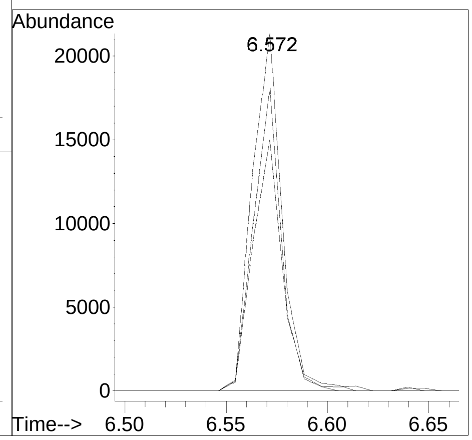


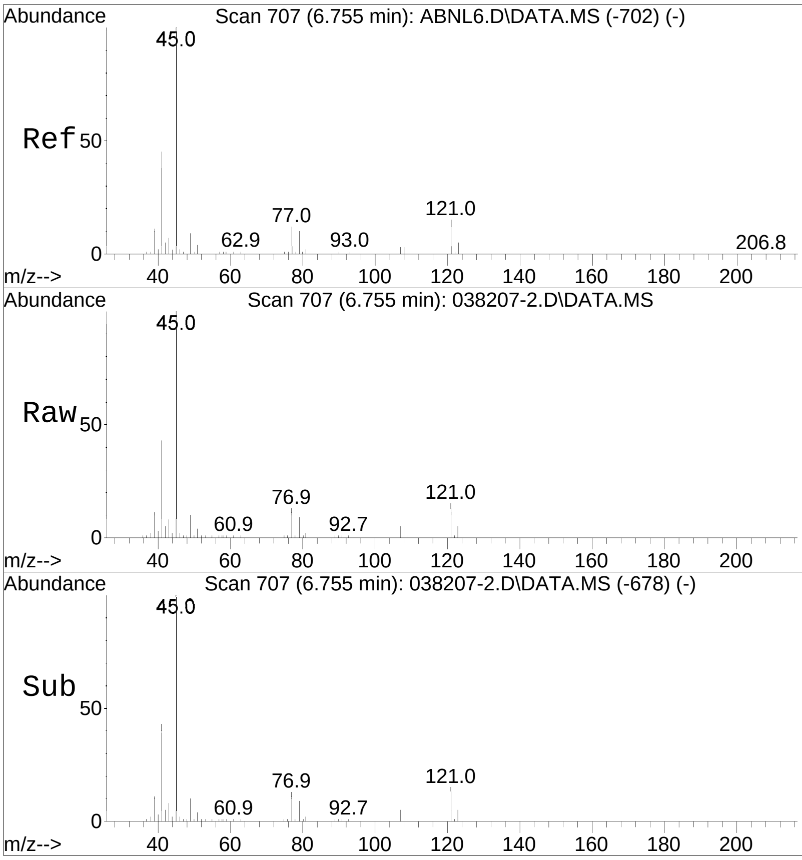


#13
Benzyl alcohol
Concen: 1.41 ug/ml
RT: 6.572 min Scan# 687
Delta R.T. 0.009 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion: 79 Resp: 21726

Ion	Ratio	Lower	Upper
79	100		
77	71.1	54.9	82.3
108	79.7	63.1	94.7

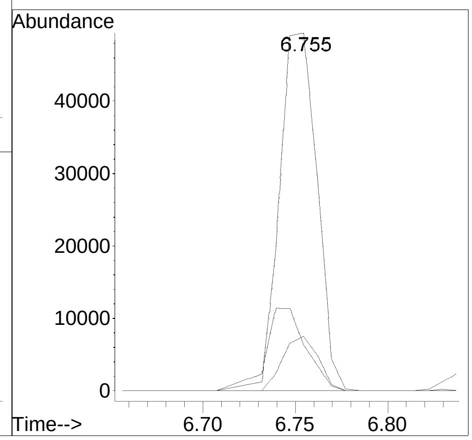


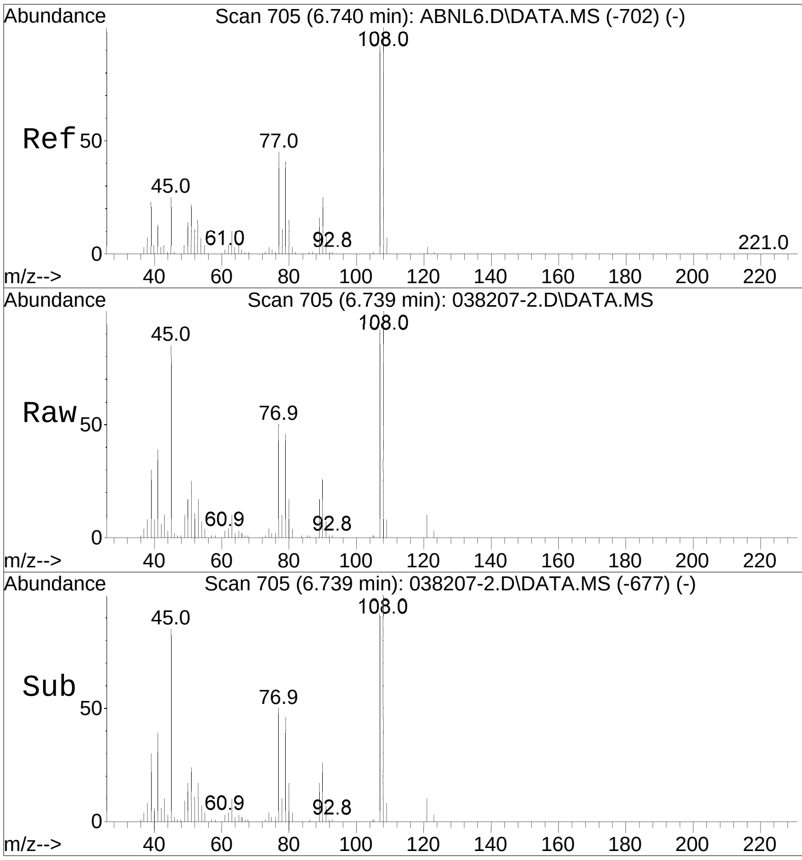


#14
Bis(2-chloroisopropyl)ether
Concen: 1.86 ug/ml
RT: 6.755 min Scan# 707
Delta R.T. 0.008 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion: 45 Resp: 85308

Ion	Ratio	Lower	Upper
45	100		
121	15.0	9.8	14.6#
77	23.8	6.1	9.1#

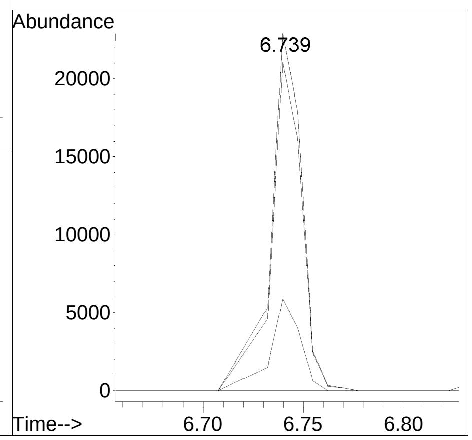


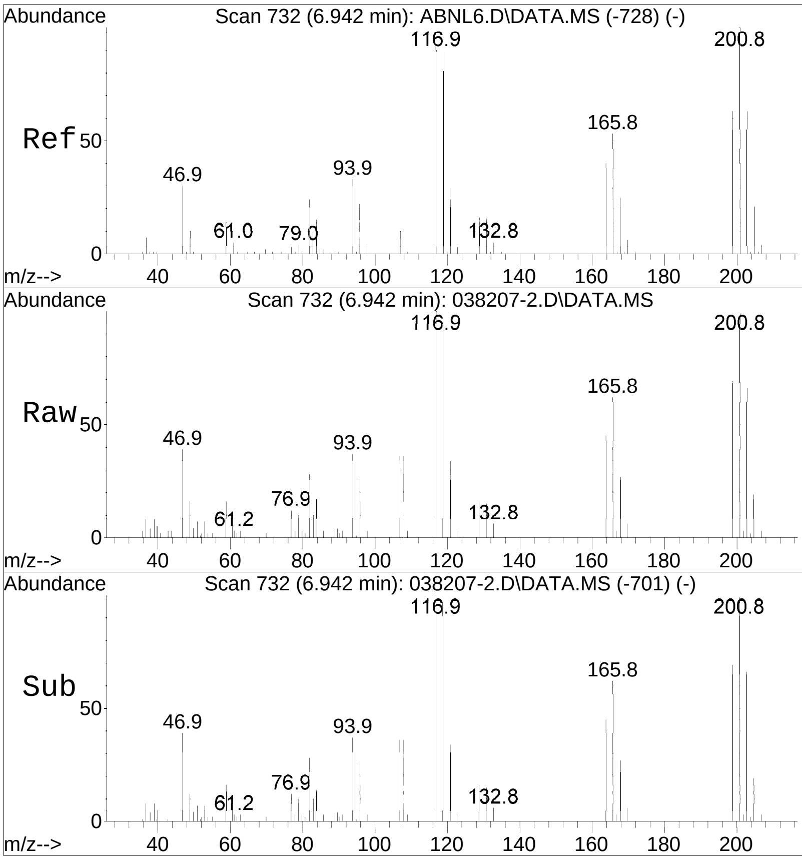


#15
2-Methylphenol
Concen: 1.29 ug/ml
RT: 6.739 min Scan# 705
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:108 Resp: 28021

Ion	Ratio	Lower	Upper
108	100		
107	90.8	70.7	106.1
90	25.9	18.7	28.1

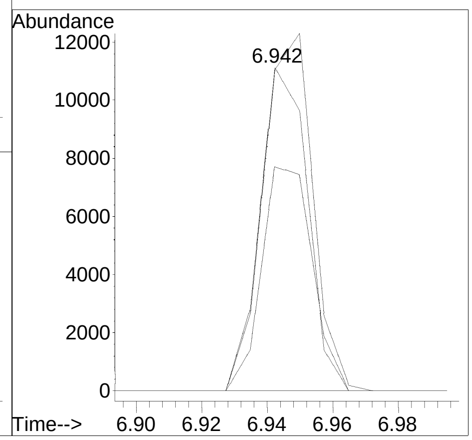


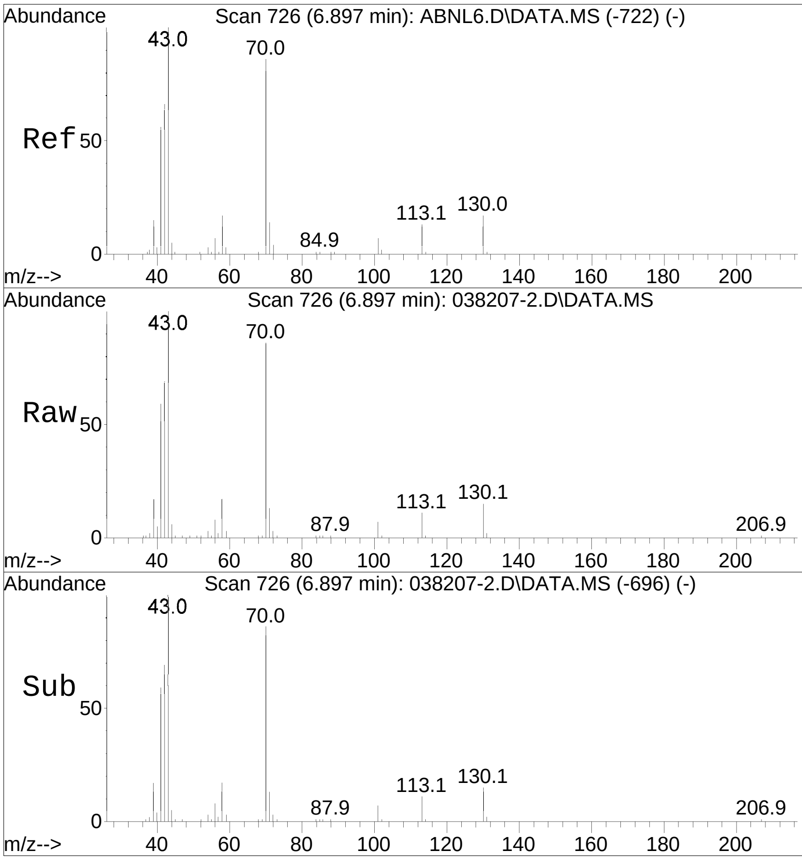


#16
Hexachloroethane
Concen: 1.22 ug/ml
RT: 6.942 min Scan# 732
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:117 Resp: 11258

Ion	Ratio	Lower	Upper
117	100		
201	115.2	58.6	87.8#
199	73.8	36.9	55.3#

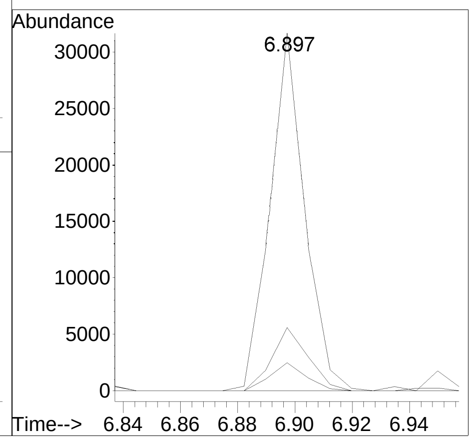


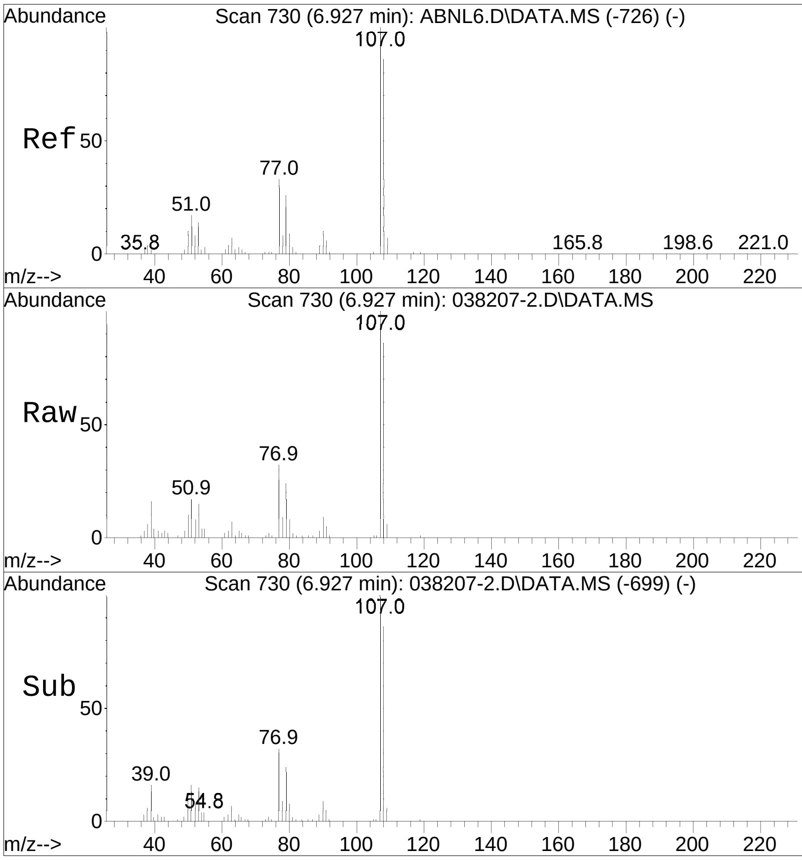


#17
n-Nitrosodi-n-propylamine
Concen: 1.84 ug/ml
RT: 6.897 min Scan# 726
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion: 70 Resp: 26622

Ion	Ratio	Lower	Upper
70	100		
130	18.4	18.2	27.4
101	8.1	7.8	11.8

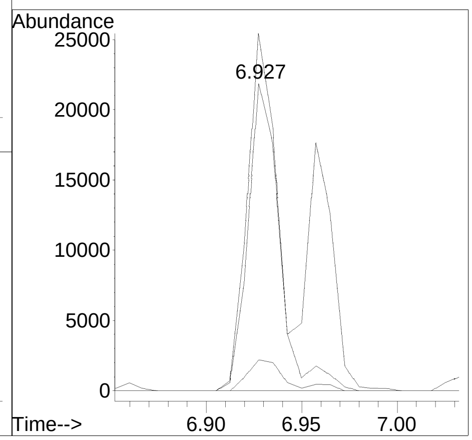


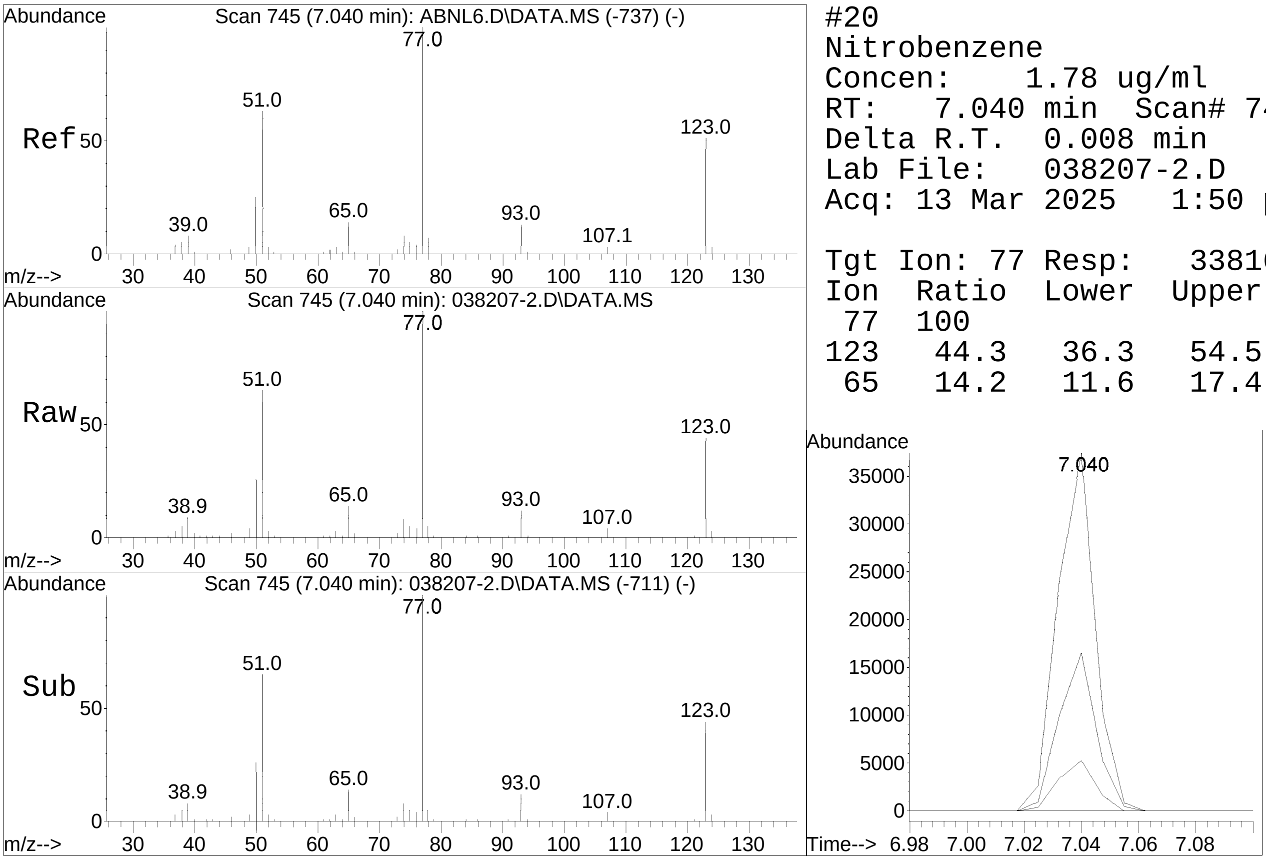


#18
3-Methylphenol/4-Methylphenol
Concen: 1.34 ug/ml
RT: 6.927 min Scan# 730
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:108 Resp: 25188

Ion	Ratio	Lower	Upper
108	100		
107	105.7	88.6	132.8
90	12.3	8.8	13.2

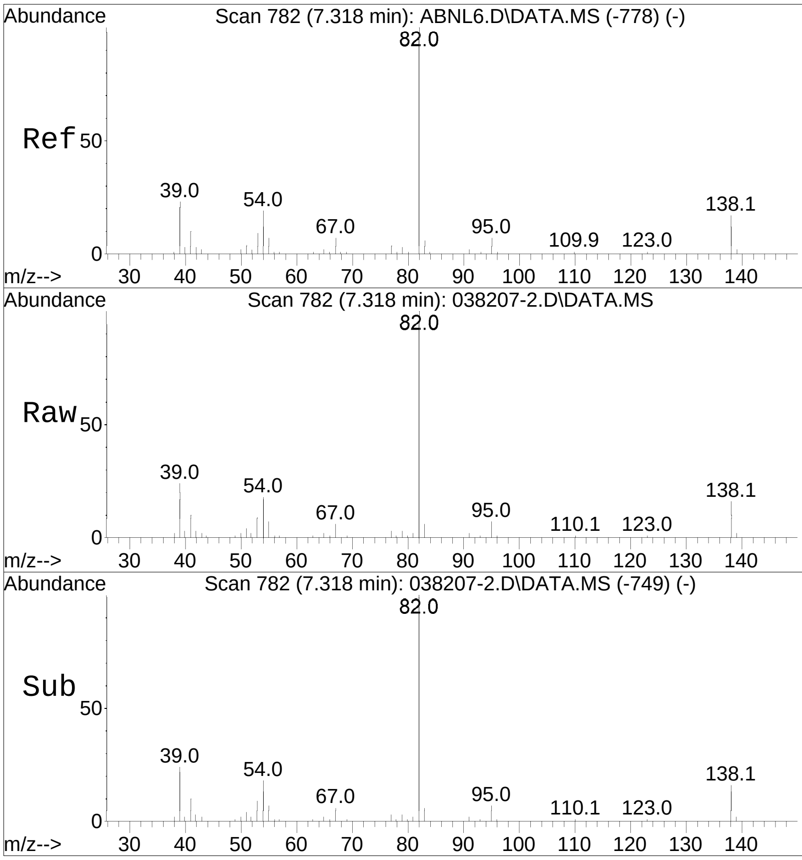




#20
Nitrobenzene
Concen: 1.78 ug/ml
RT: 7.040 min Scan# 745
Delta R.T. 0.008 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion: 77 Resp: 33816

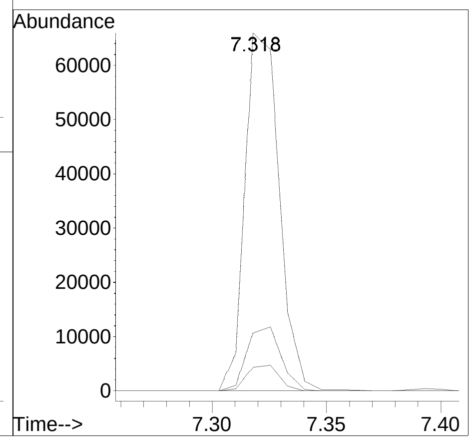
Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.3	54.5
65	14.2	11.6	17.4

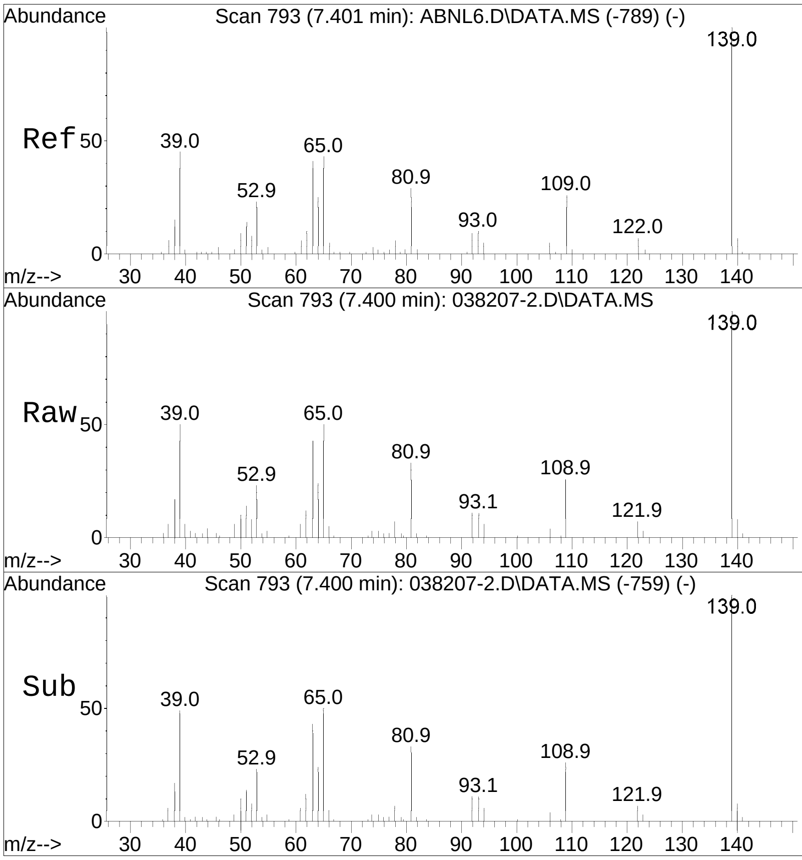


#21
Isophorone
Concen: 1.77 ug/ml
RT: 7.318 min Scan# 782
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion: 82 Resp: 68752

Ion	Ratio	Lower	Upper
82	100		
138	17.7	14.7	22.1
95	6.8	5.2	7.8

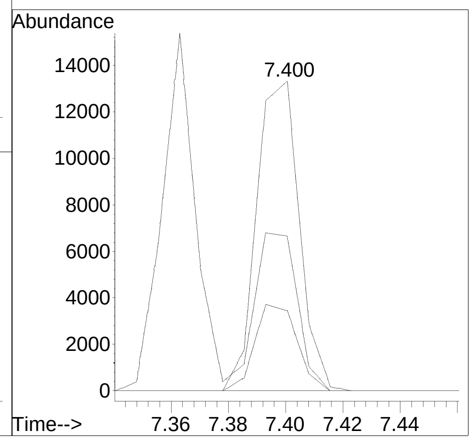


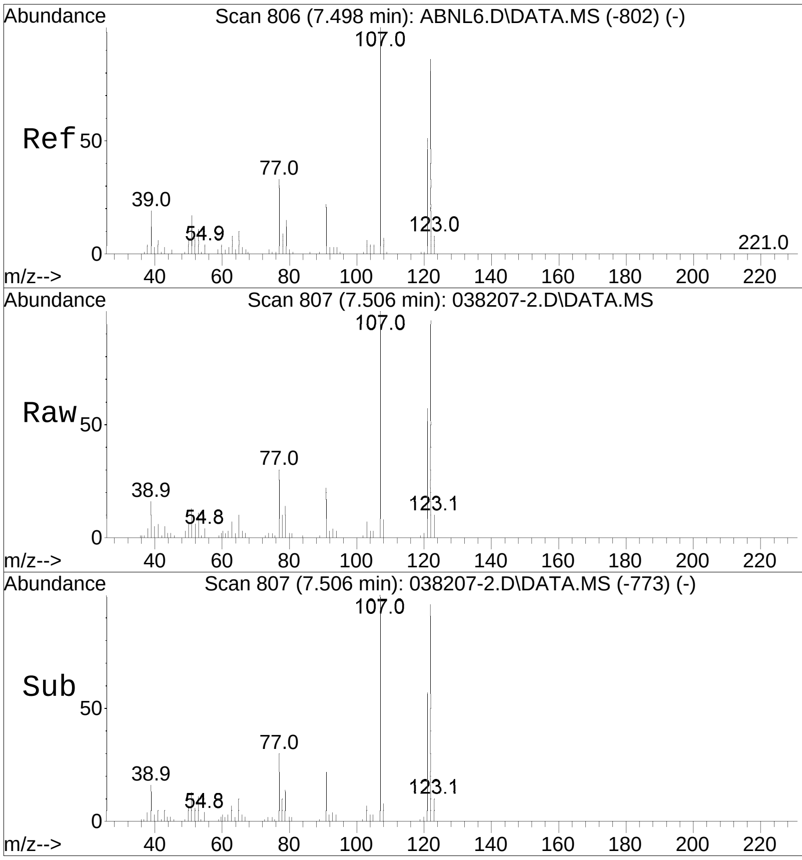


#22
2-Nitrophenol
Concen: 1.60 ug/ml
RT: 7.400 min Scan# 793
Delta R.T. 0.008 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:139 Resp: 13811

Ion	Ratio	Lower	Upper
139	100		
109	27.5	19.4	29.0
65	51.1	46.1	69.1

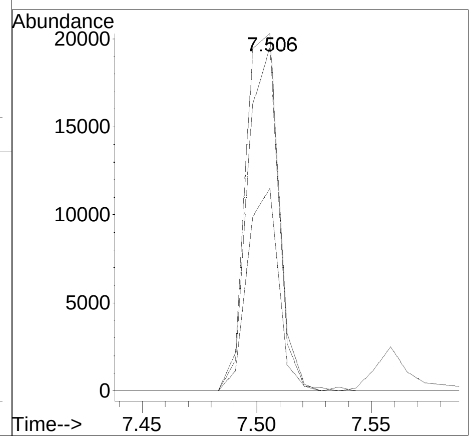


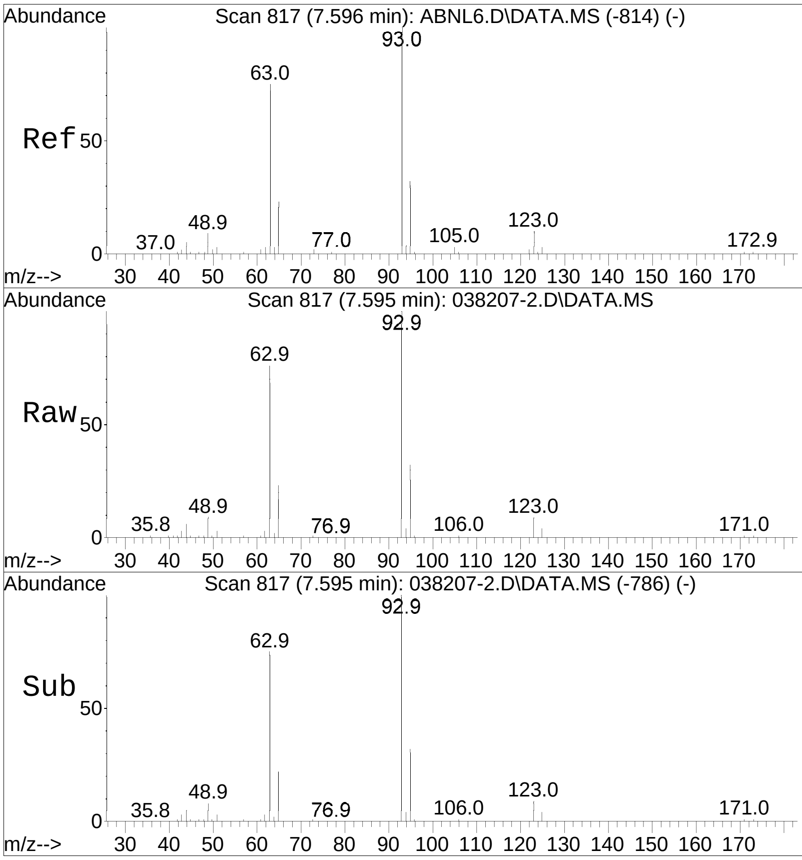


#23
2,4-Dimethylphenol
Concen: 1.01 ug/ml
RT: 7.506 min Scan# 807
Delta R.T. 0.008 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:107 Resp: 20622

Ion	Ratio	Lower	Upper
107	100		
121	53.0	40.0	60.0
122	88.8	70.2	105.4

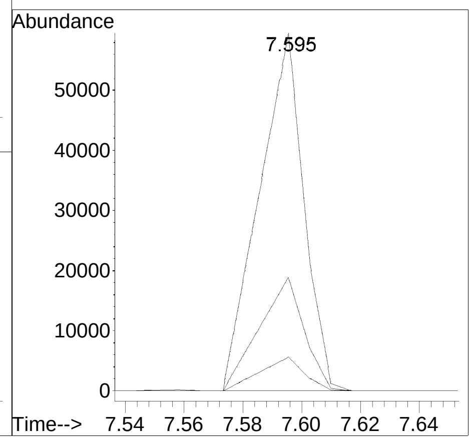


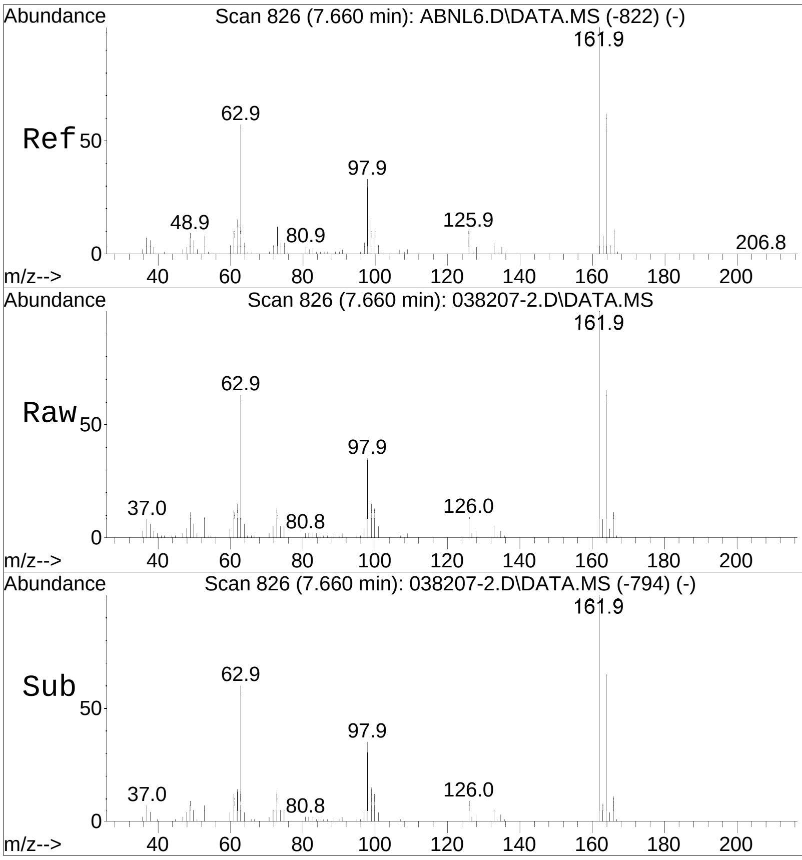


#24
Bis(2-chloroethoxy)methane
Concen: 1.72 ug/ml
RT: 7.595 min Scan# 817
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion: 93 Resp: 47933

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.8
123	9.6	10.1	15.1#

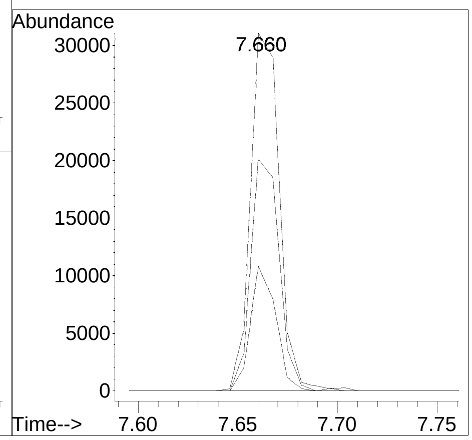


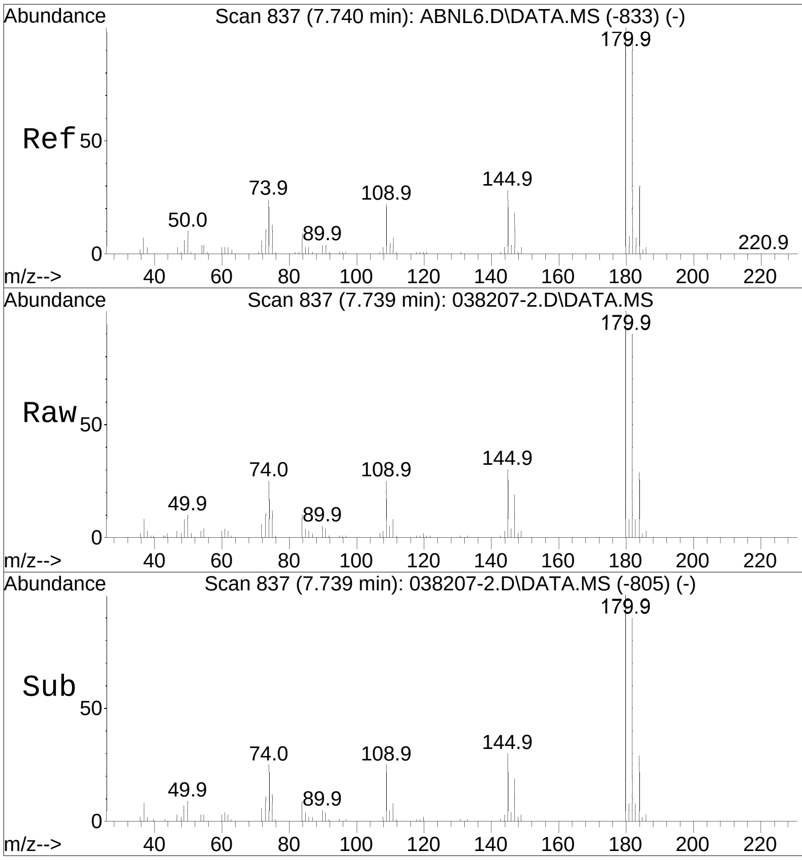


#25
2,4-Dichlorophenol
Concen: 1.62 ug/ml
RT: 7.660 min Scan# 826
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:162 Resp: 31186

Ion	Ratio	Lower	Upper
162	100		
164	64.0	51.0	76.4
98	30.7	32.2	48.2#

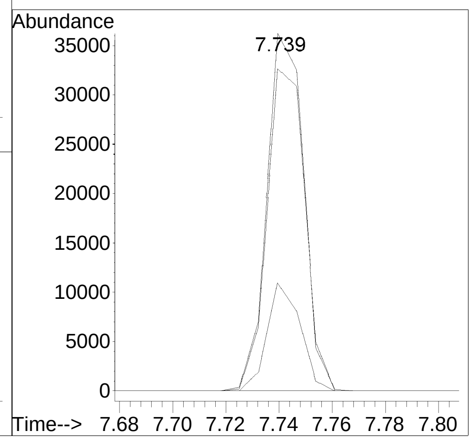


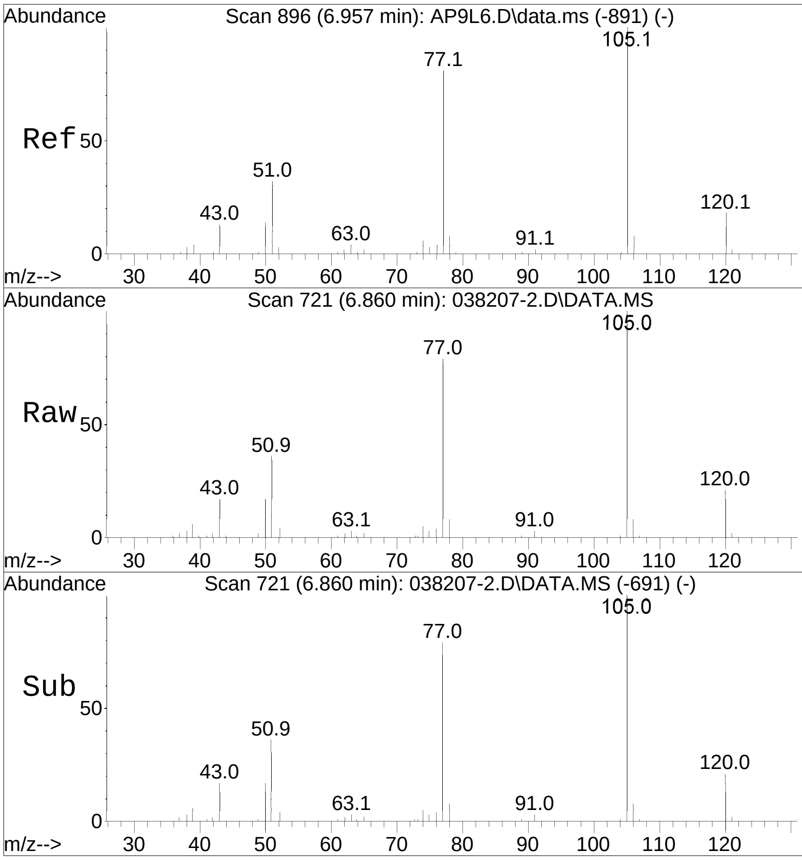


#26
1,2,4-Trichlorobenzene
Concen: 1.41 ug/ml
RT: 7.739 min Scan# 837
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:180 Resp: 34812

Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.0	114.0
145	27.2	25.7	38.5

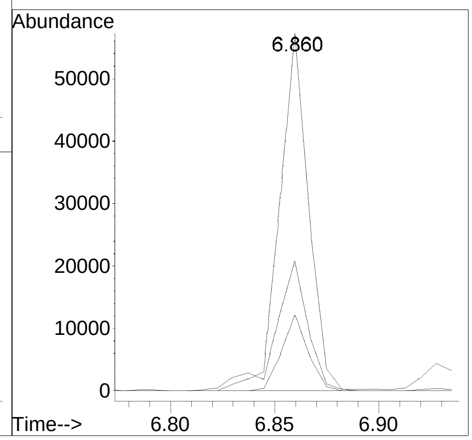


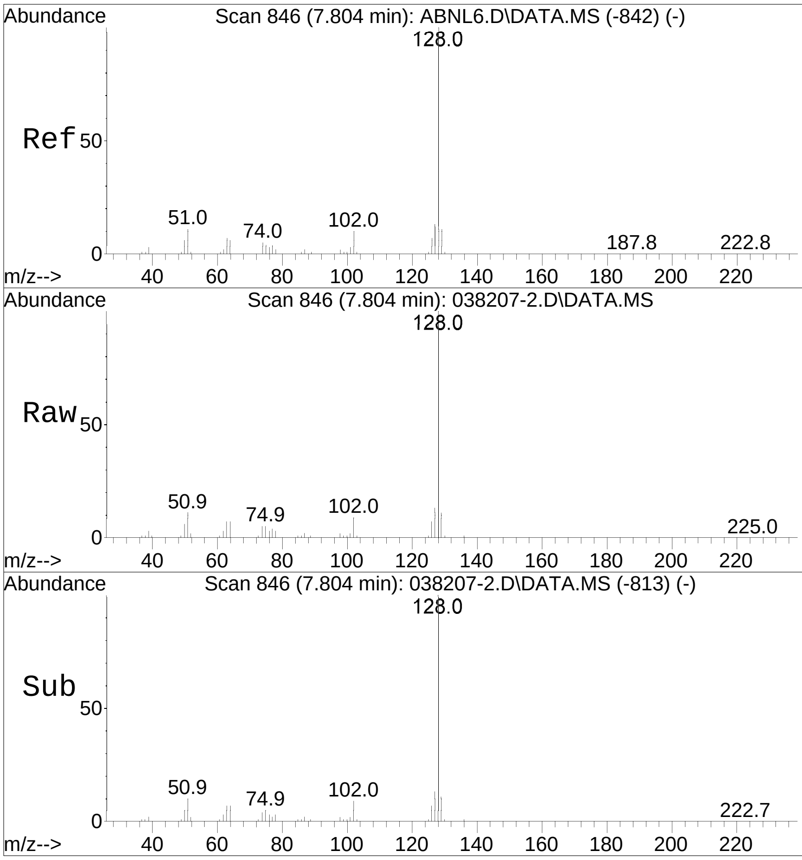


#29
Acetophenone
Concen: 1.96 ug/ml
RT: 6.860 min Scan# 721
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:105 Resp: 54738

Ion	Ratio	Lower	Upper
105	100		
120	19.6	20.5	30.7#
51	41.2	34.9	52.3

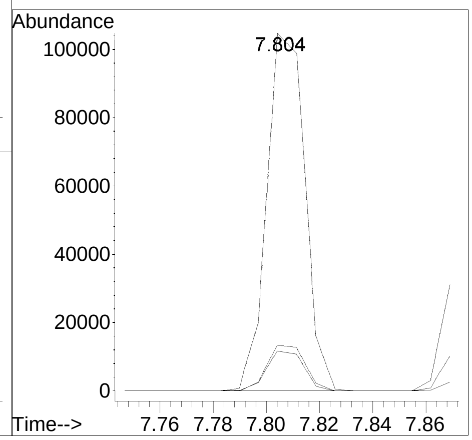


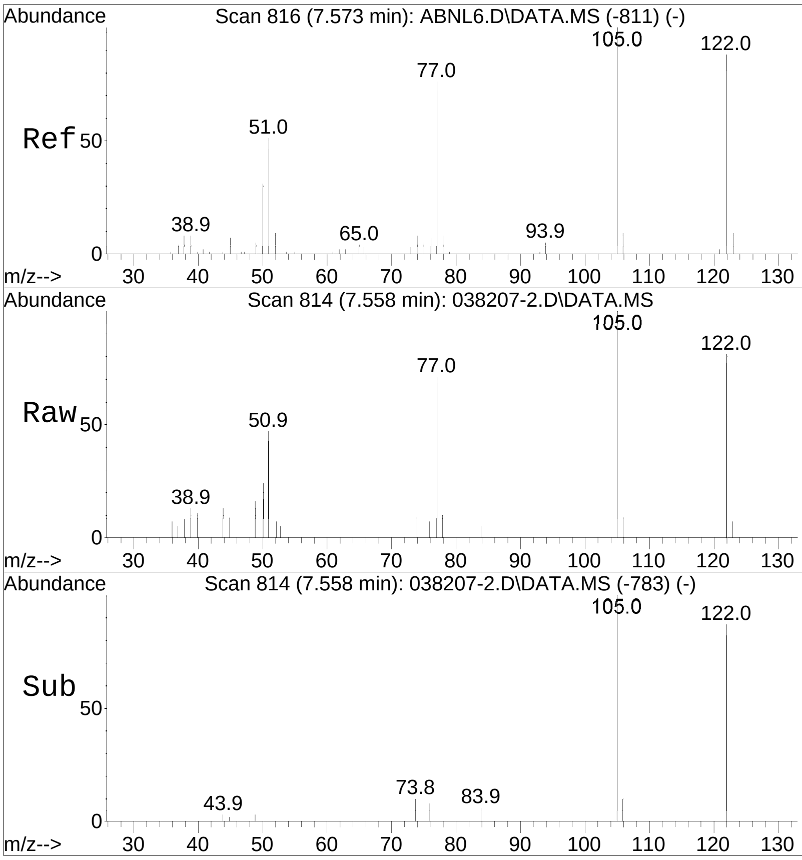


#36
Naphthalene
Concen: 1.53 ug/ml
RT: 7.804 min Scan# 846
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:128 Resp: 104058

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.8	10.3	15.5

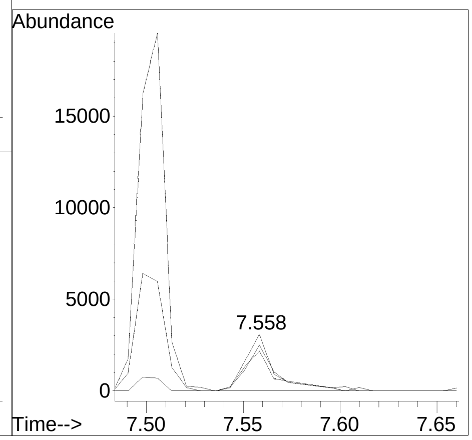


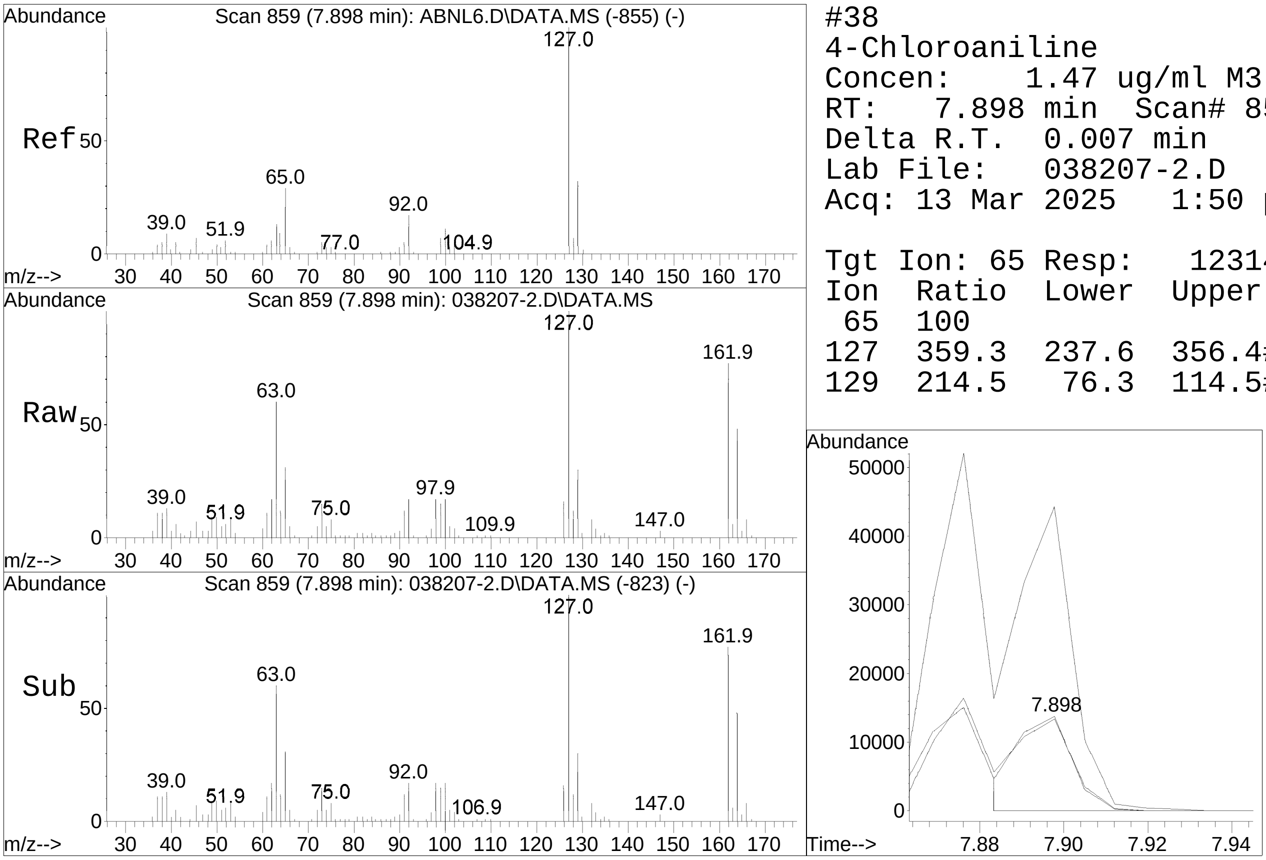


#37
Benzoic Acid
Concen: 0.57 ug/ml
RT: 7.558 min Scan# 814
Delta R.T. -0.015 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:105 Resp: 3539

Ion	Ratio	Lower	Upper
105	100		
122	86.3	59.9	89.9
77	79.0	60.1	90.1

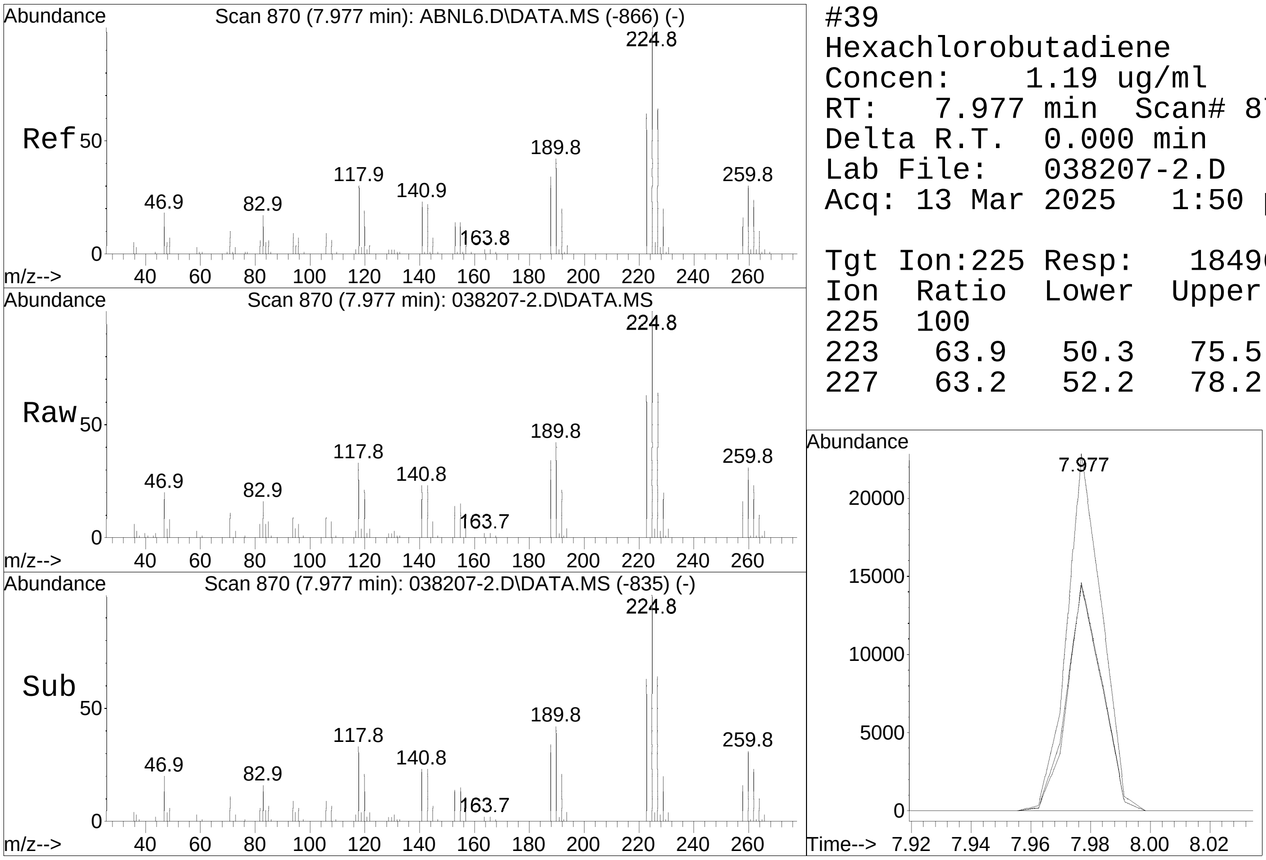




#38
4-Chloroaniline
Concen: 1.47 ug/ml M3
RT: 7.898 min Scan# 859
Delta R.T. 0.007 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion: 65 Resp: 12314

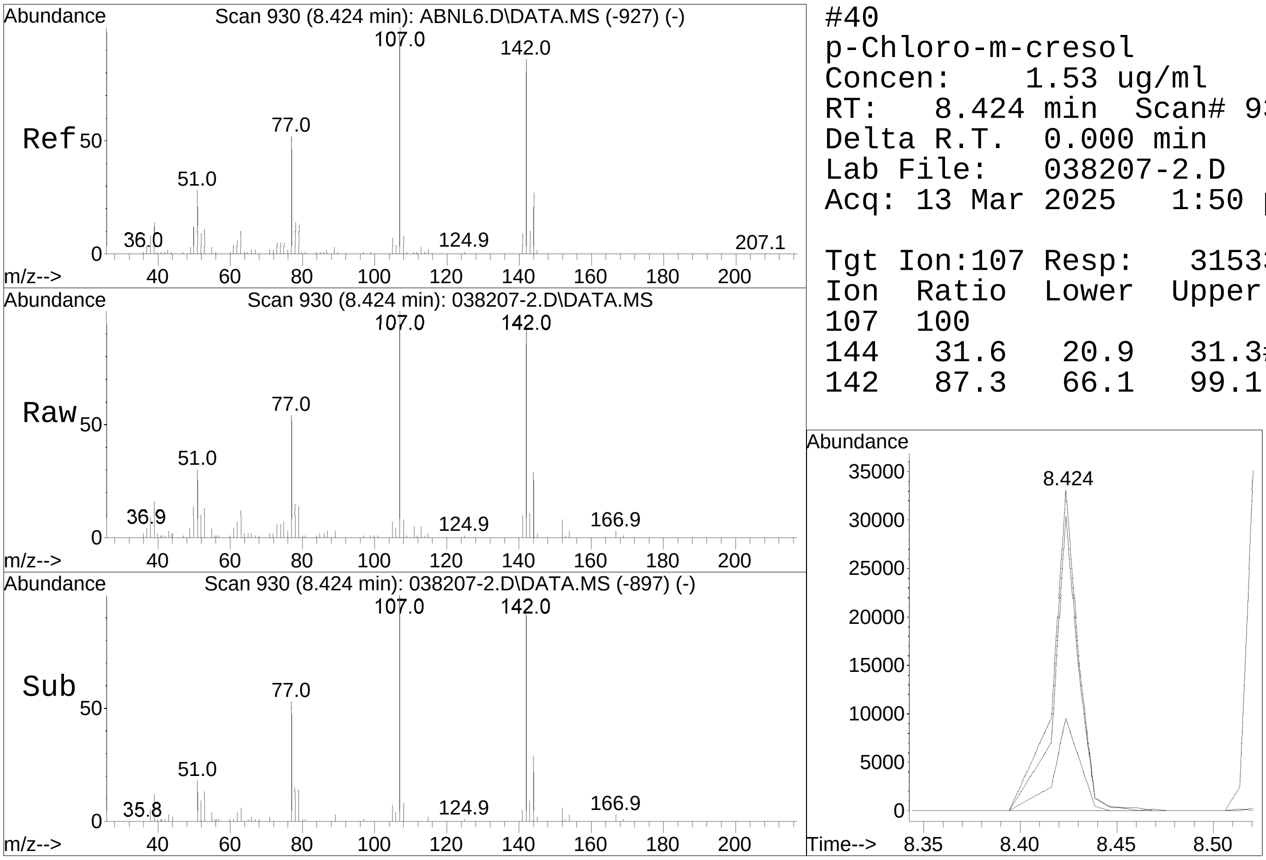
Ion	Ratio	Lower	Upper
65	100		
127	359.3	237.6	356.4#
129	214.5	76.3	114.5#



#39
Hexachlorobutadiene
Concen: 1.19 ug/ml
RT: 7.977 min Scan# 870
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:225 Resp: 18496

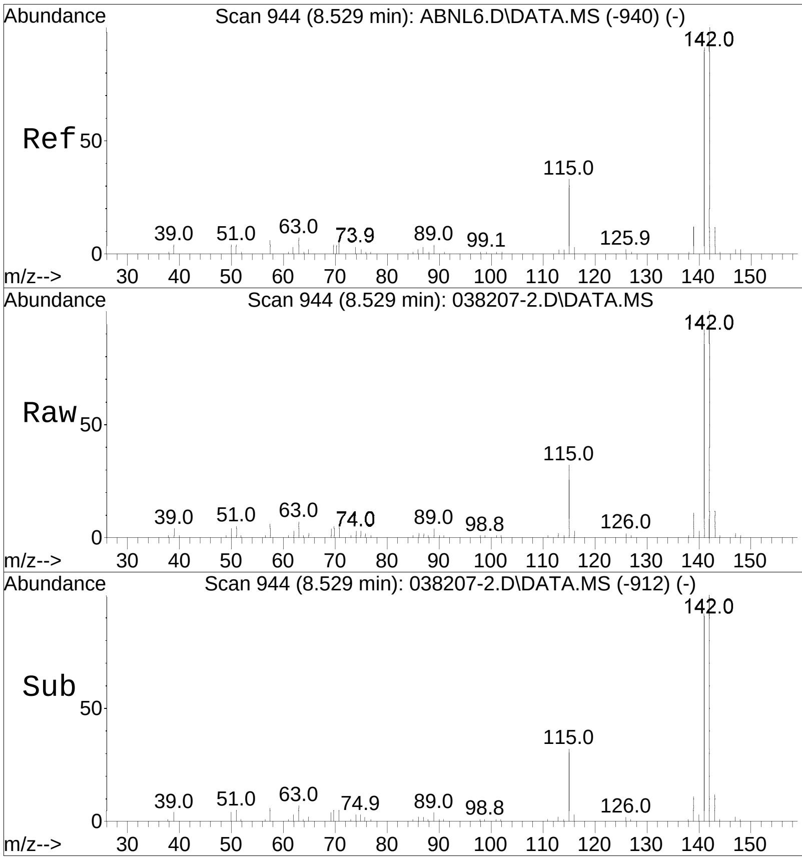
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.3	75.5
227	63.2	52.2	78.2



#40
p-Chloro-m-cresol
Concen: 1.53 ug/ml
RT: 8.424 min Scan# 930
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:107 Resp: 31533

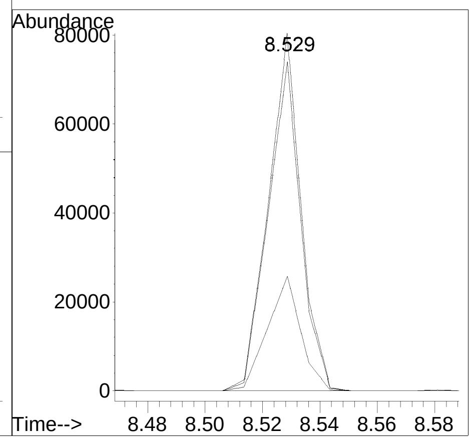
Ion	Ratio	Lower	Upper
107	100		
144	31.6	20.9	31.3#
142	87.3	66.1	99.1

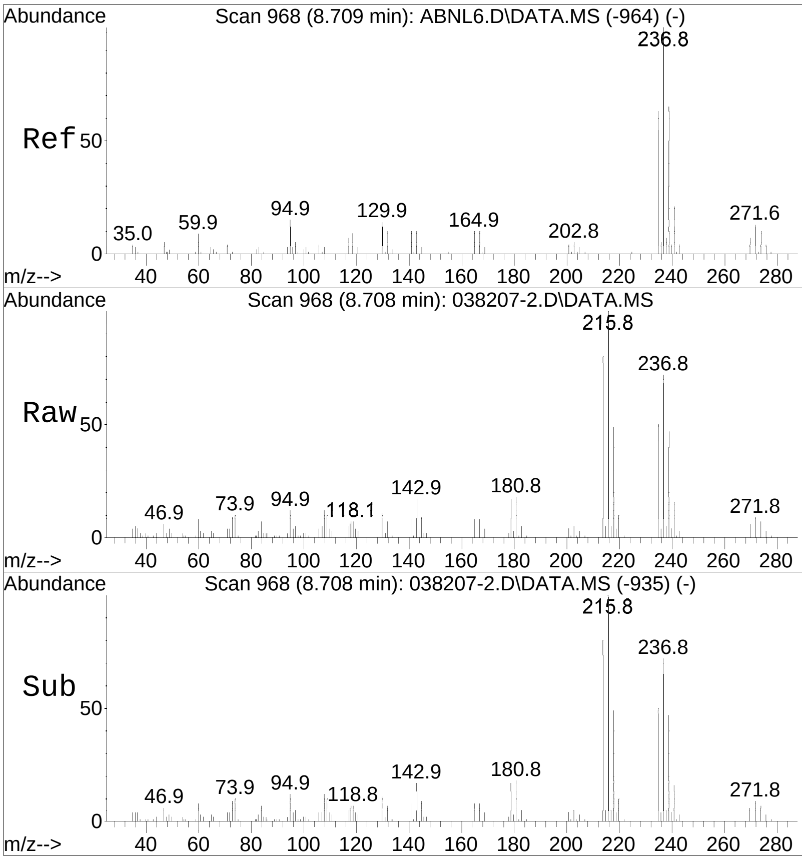


#41
2-Methylnaphthalene
Concen: 1.56 ug/ml
RT: 8.529 min Scan# 944
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:142 Resp: 63233

Ion	Ratio	Lower	Upper
142	100		
141	92.5	69.6	104.4
115	32.8	26.6	40.0

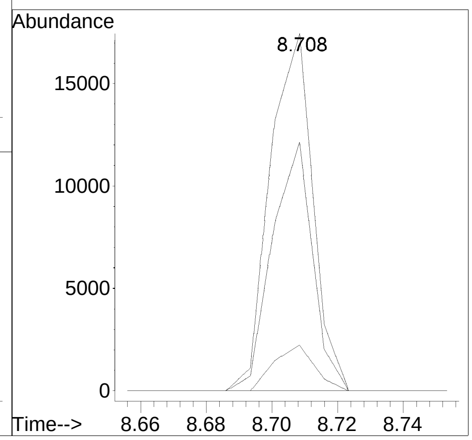


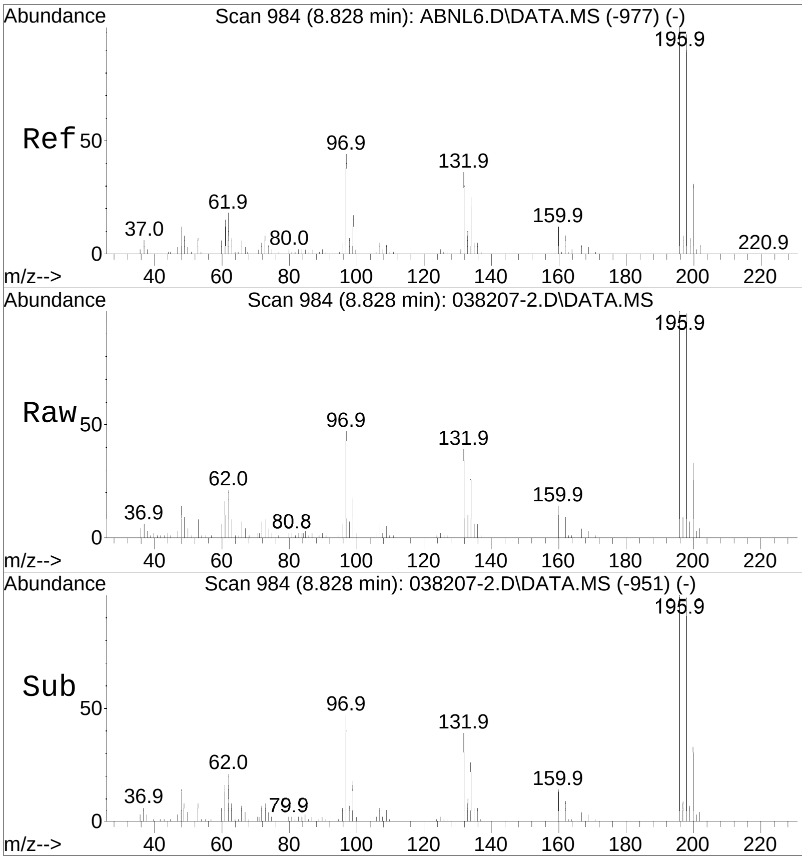


#43
Hexachlorocyclopentadiene
Concen: 0.83 ug/ml
RT: 8.708 min Scan# 968
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:237 Resp: 15751

Ion	Ratio	Lower	Upper
237	100		
235	65.9	49.7	74.5
272	12.2	9.8	14.6

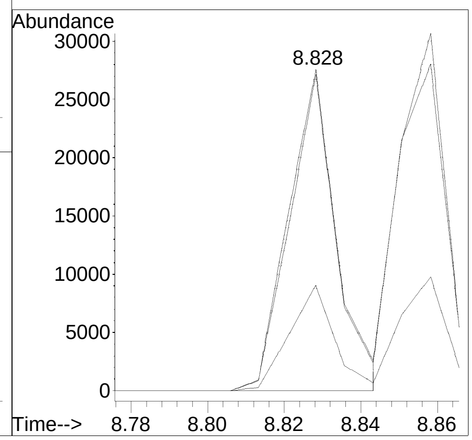


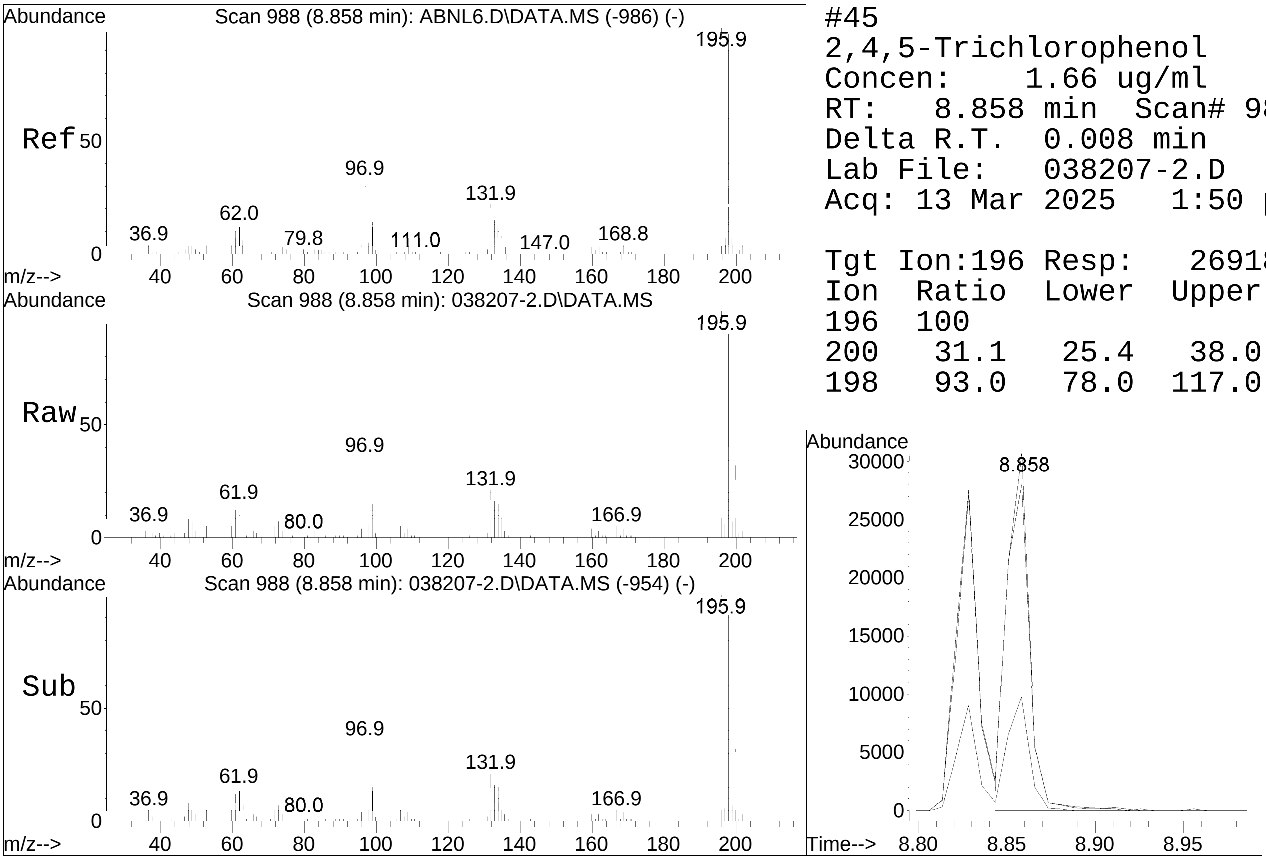


#44
2,4,6-Trichlorophenol
Concen: 1.49 ug/ml
RT: 8.828 min Scan# 984
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:196 Resp: 23826

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.5	116.3
200	31.5	23.8	35.6

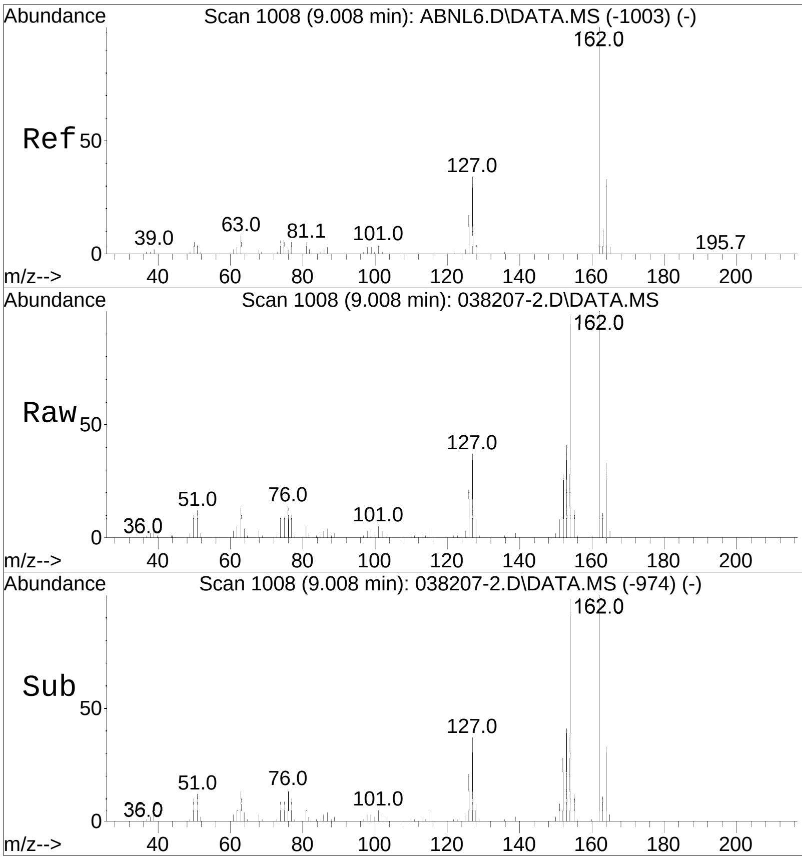




#45
2,4,5-Trichlorophenol
Concen: 1.66 ug/ml
RT: 8.858 min Scan# 988
Delta R.T. 0.008 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:196 Resp: 26918

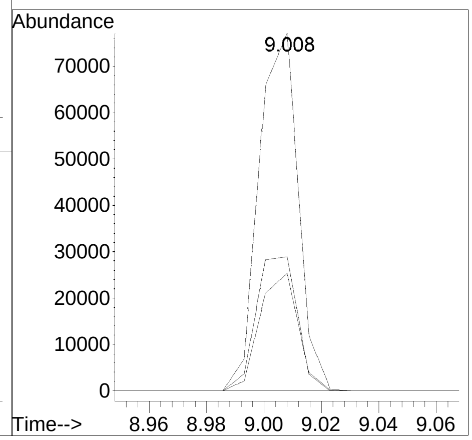
Ion	Ratio	Lower	Upper
196	100		
200	31.1	25.4	38.0
198	93.0	78.0	117.0

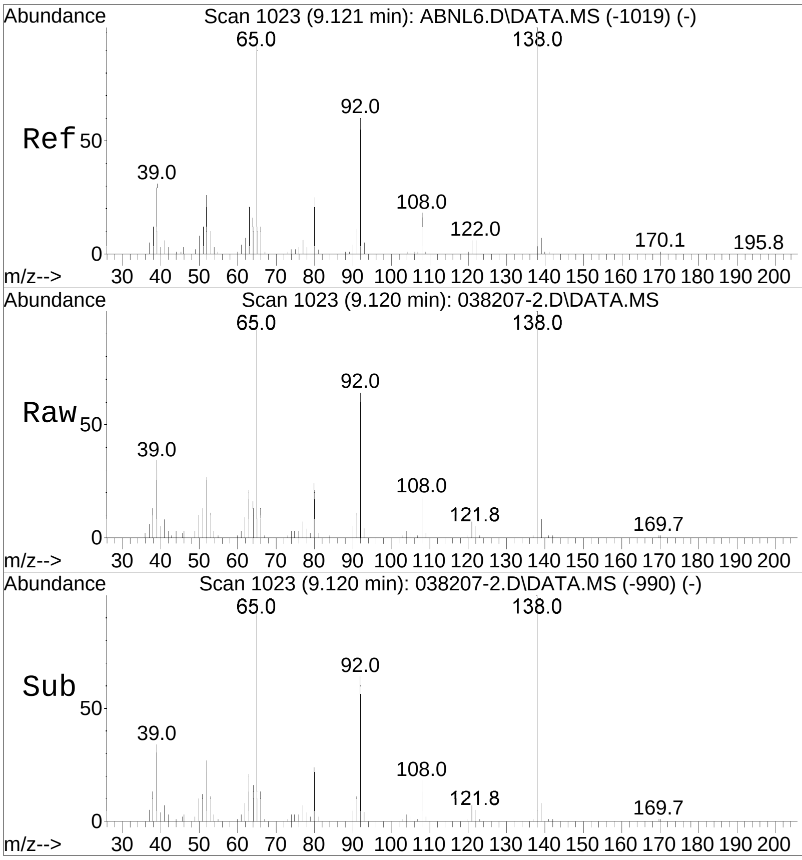


#47
2-Chloronaphthalene
Concen: 1.52 ug/ml
RT: 9.008 min Scan# 1008
Delta R.T. 0.008 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:162 Resp: 73034

Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.2	48.4
164	32.4	25.7	38.5

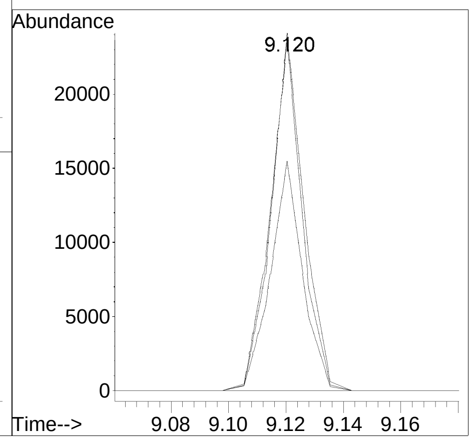


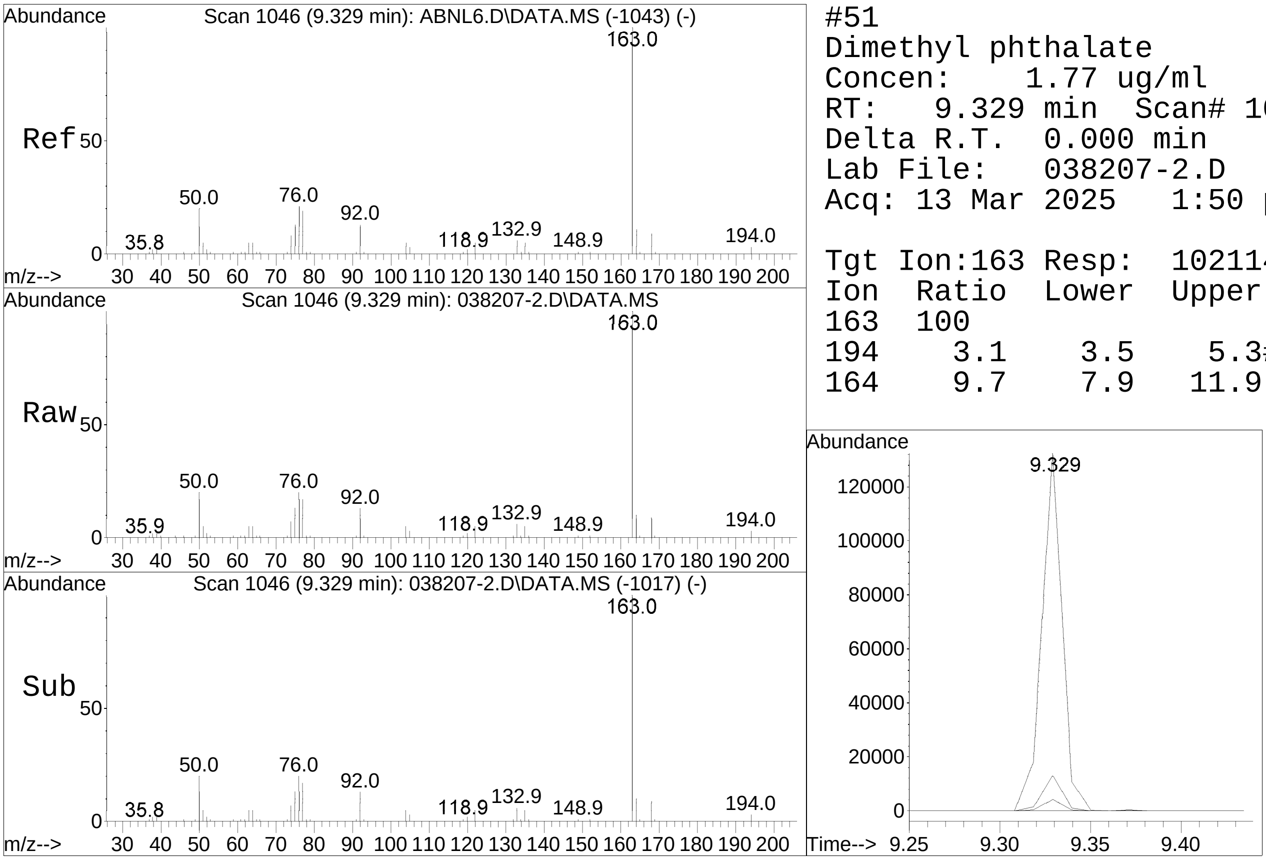


#48
2-Nitroaniline
Concen: 1.78 ug/ml
RT: 9.120 min Scan# 1023
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:138 Resp: 18808

Ion	Ratio	Lower	Upper
138	100		
92	63.8	53.5	80.3
65	95.9	86.3	129.5

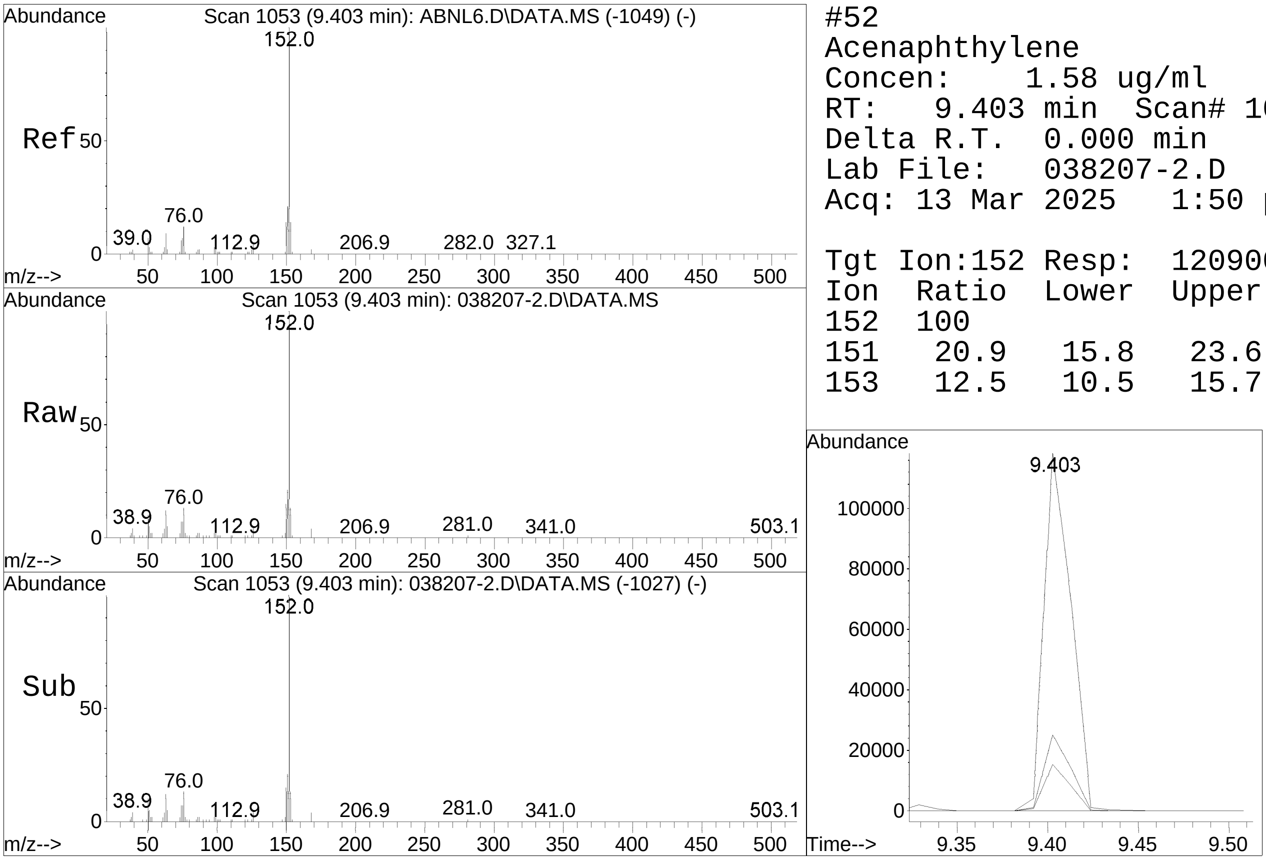




#51
Dimethyl phthalate
Concen: 1.77 ug/ml
RT: 9.329 min Scan# 1046
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:163 Resp: 102114

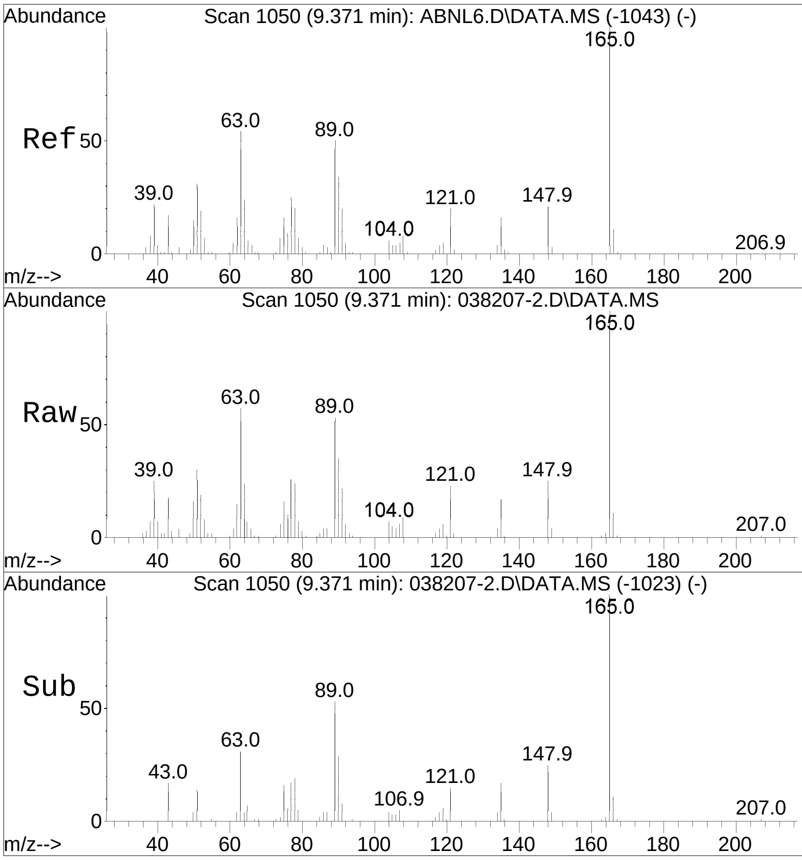
Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.5	5.3#
164	9.7	7.9	11.9



#52
Acenaphthylene
Concen: 1.58 ug/ml
RT: 9.403 min Scan# 1053
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:152 Resp: 120900

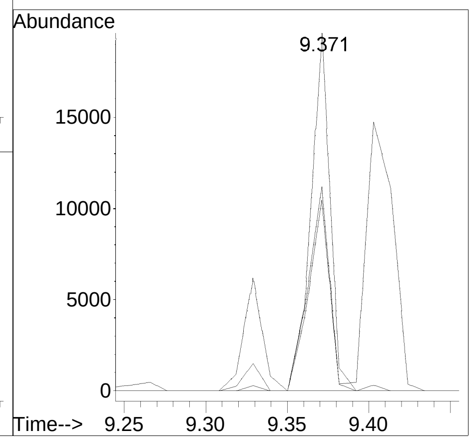
Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.6
153	12.5	10.5	15.7

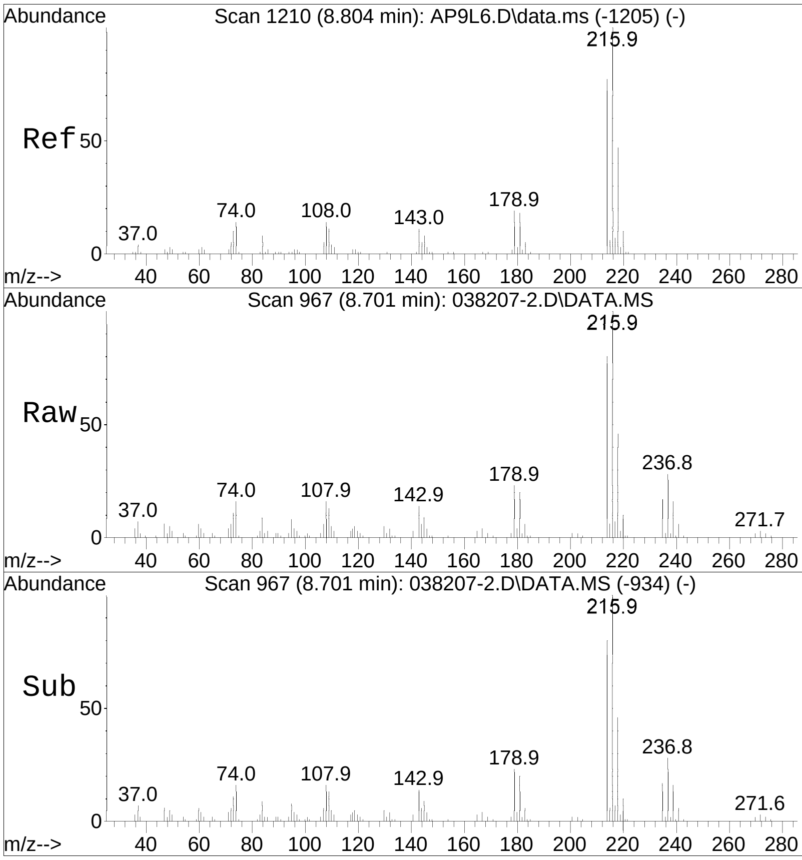


#53
2,6-Dinitrotoluene
Concen: 1.79 ug/ml
RT: 9.371 min Scan# 1050
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:165 Resp: 17204

Ion	Ratio	Lower	Upper
165	100		
89	56.5	54.2	81.2
63	58.9	64.2	96.2#

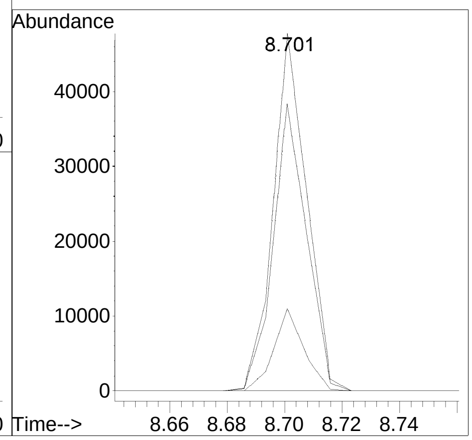


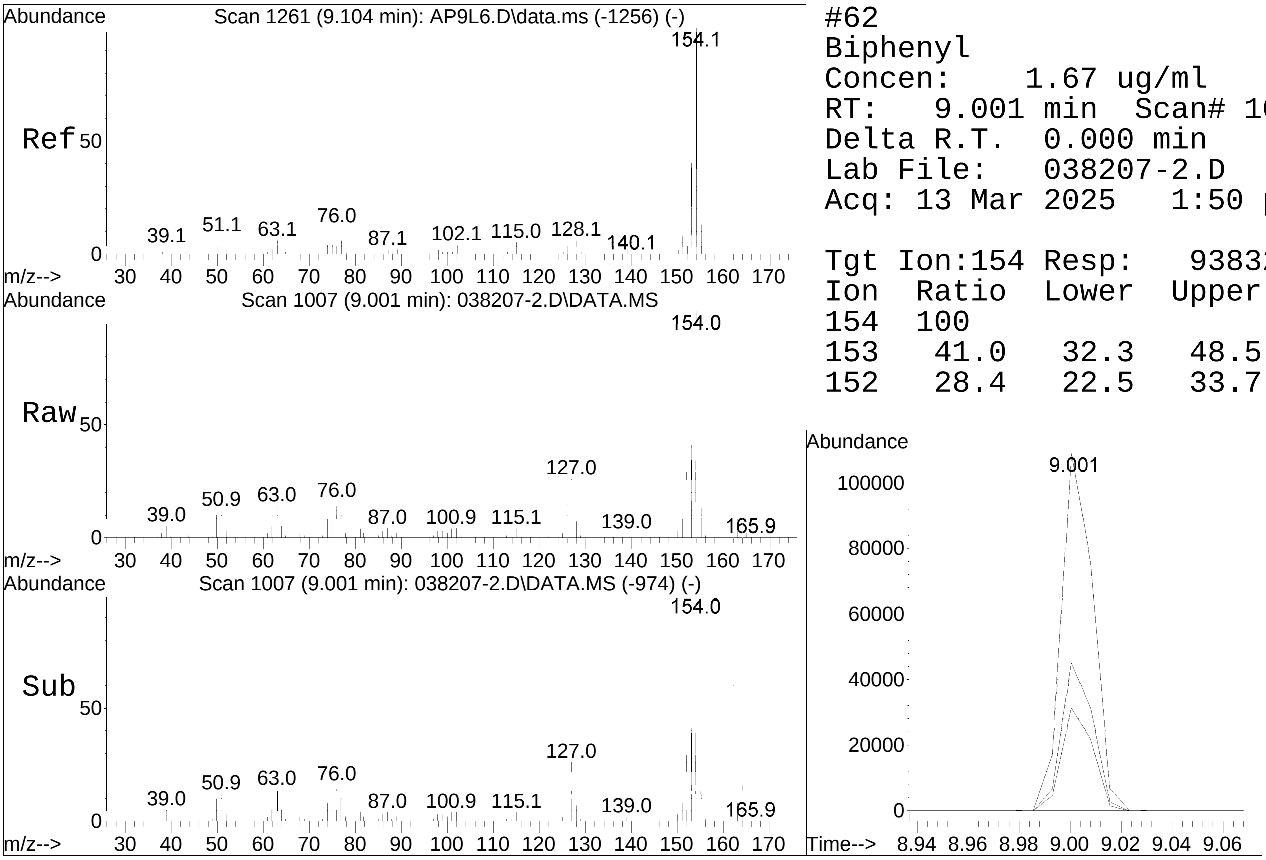


#61
1,2,4,5-Tetrachlorobenzene
Concen: 1.51 ug/ml
RT: 8.701 min Scan# 967
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:216 Resp: 38606

Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.7	95.5
179	20.7	19.0	28.6

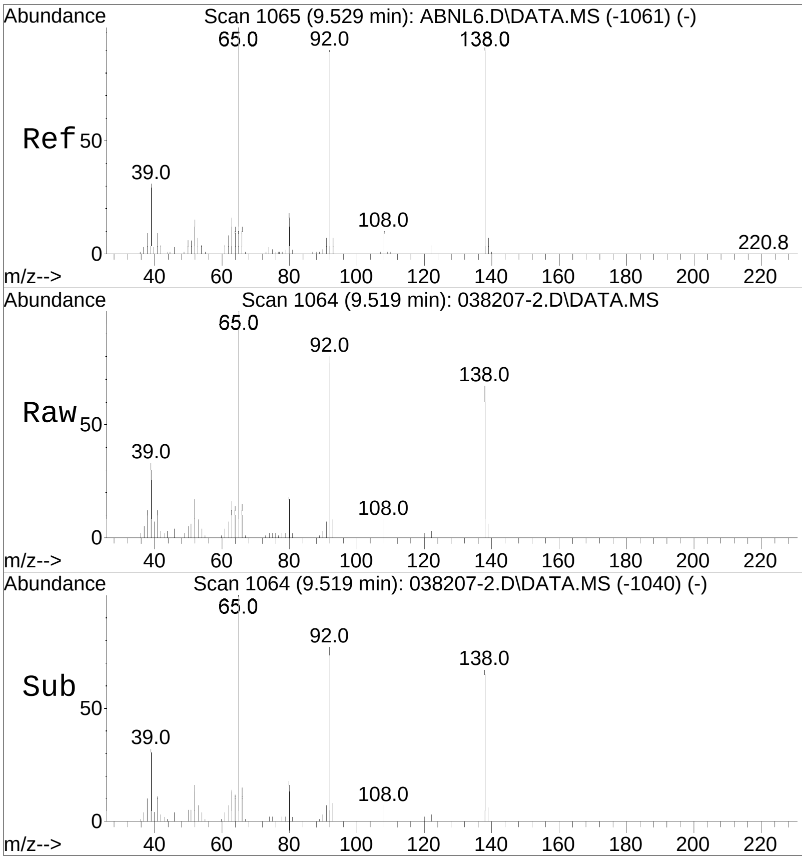




#62
Biphenyl
Concen: 1.67 ug/ml
RT: 9.001 min Scan# 1007
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:154 Resp: 93832

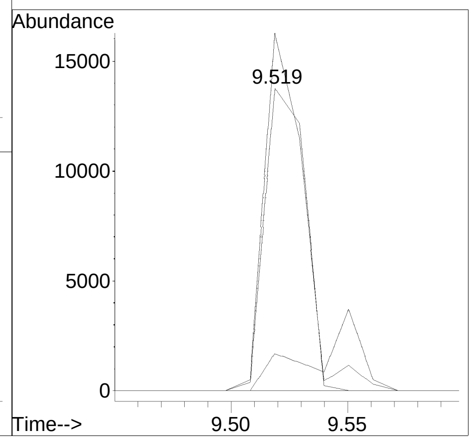
Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.3	48.5
152	28.4	22.5	33.7

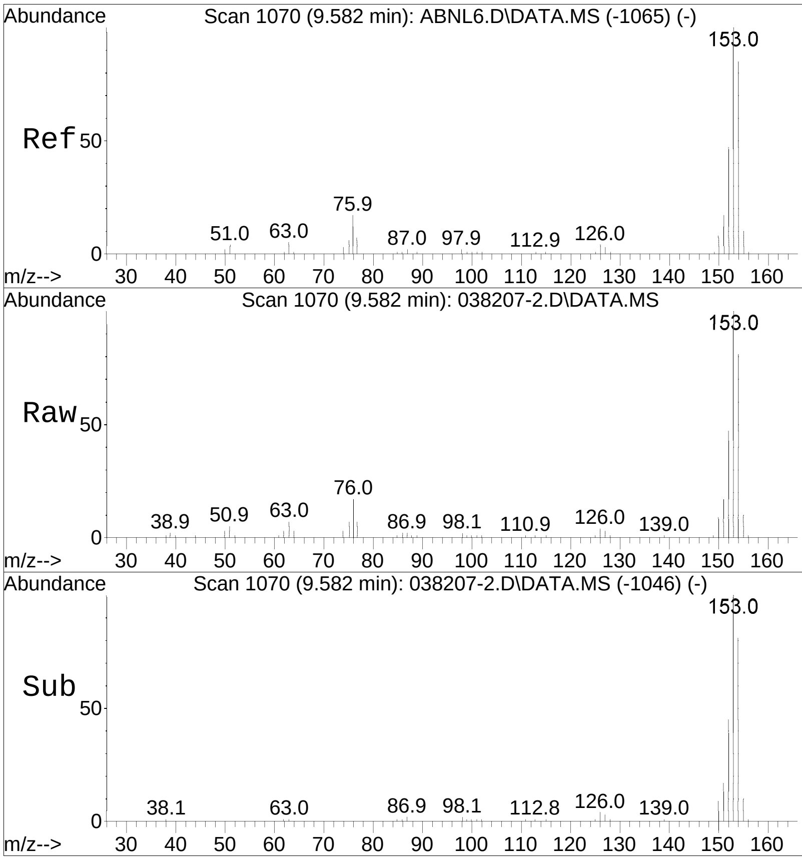


#64
3-Nitroaniline
Concen: 1.68 ug/ml
RT: 9.519 min Scan# 1064
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:138 Resp: 16775

Ion	Ratio	Lower	Upper
138	100		
92	113.6	93.4	140.2
108	30.4	9.5	14.3#

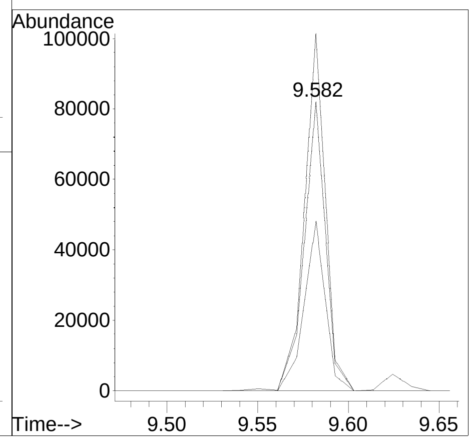


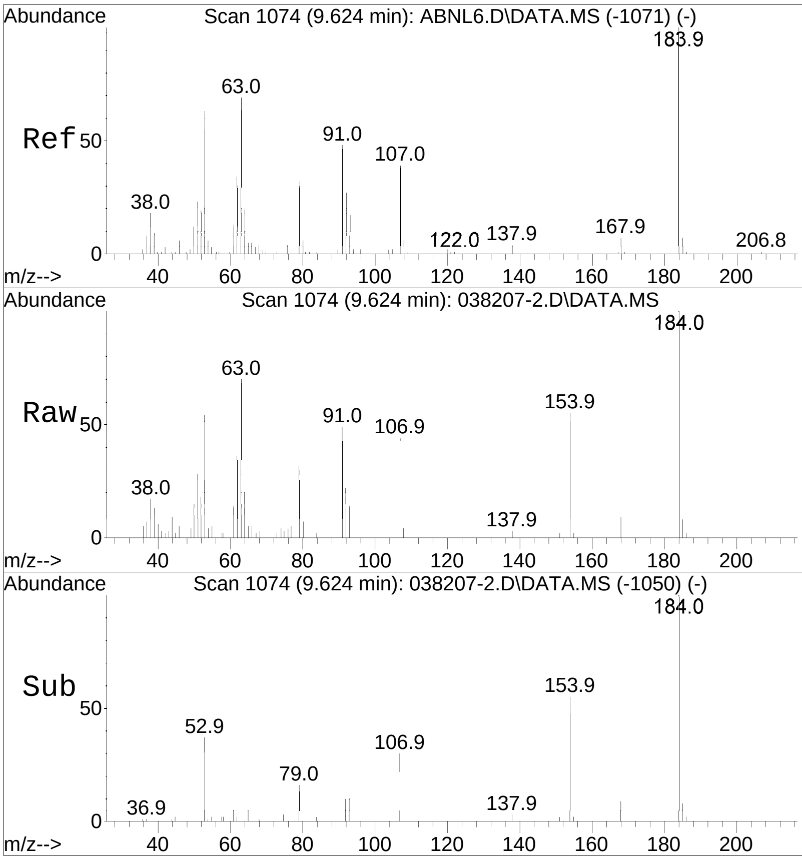


#65
Acenaphthene
Concen: 1.55 ug/ml
RT: 9.582 min Scan# 1070
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:154 Resp: 67574

Ion	Ratio	Lower	Upper
154	100		
153	119.7	85.3	127.9
152	57.8	41.4	62.0

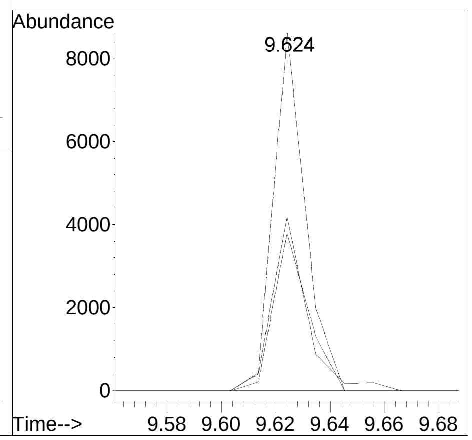




#66
2,4-Dinitrophenol
Concen: 1.46 ug/ml
RT: 9.624 min Scan# 1074
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:184 Resp: 6966

Ion	Ratio	Lower	Upper
184	100		
107	48.1	37.7	56.5
91	52.9	46.3	69.5



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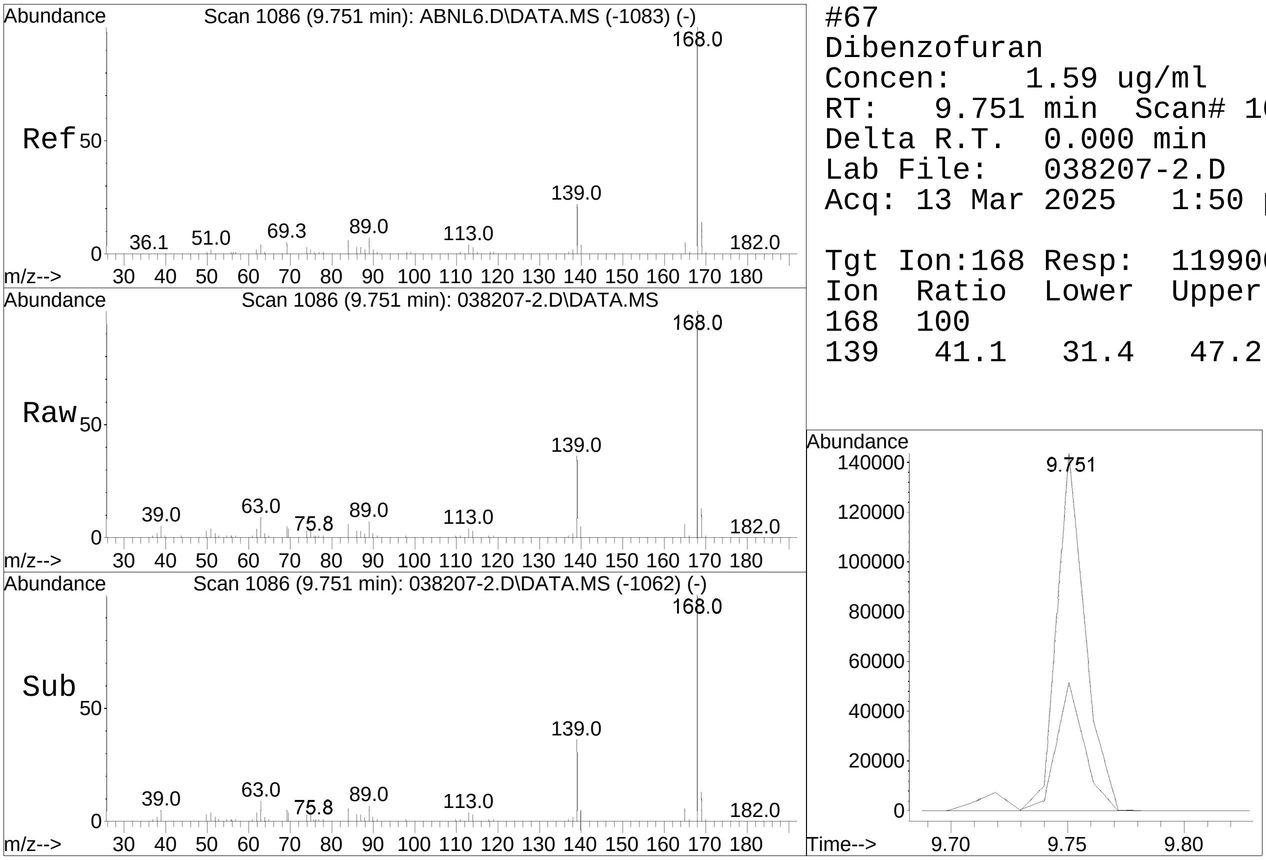
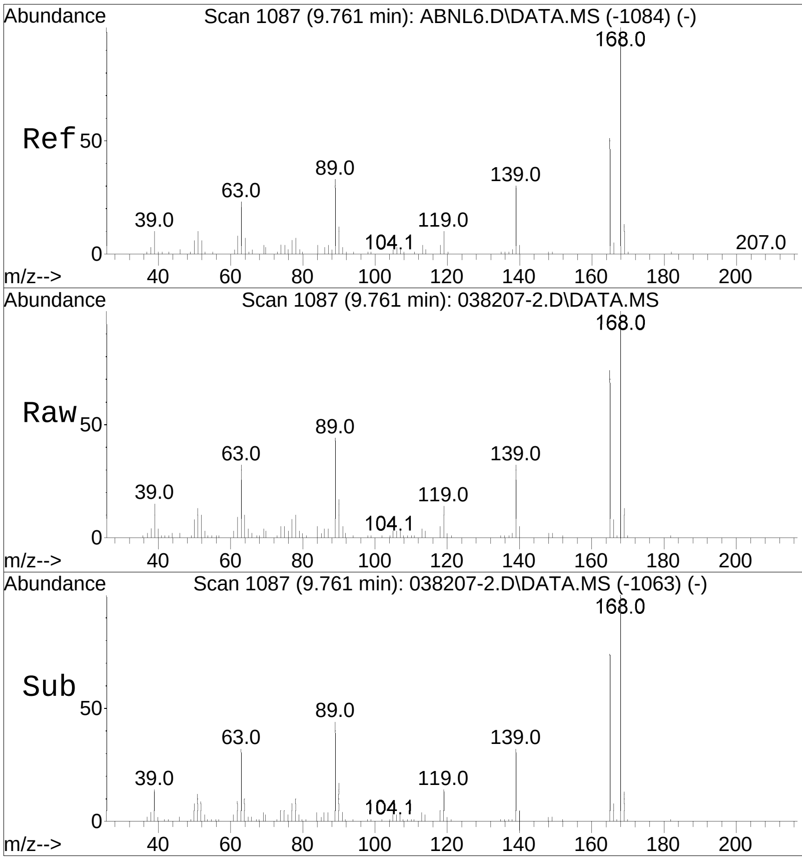


#67
Dibenzofuran
Concen: 1.59 ug/ml
RT: 9.751 min Scan# 1086
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:168 Resp: 119900

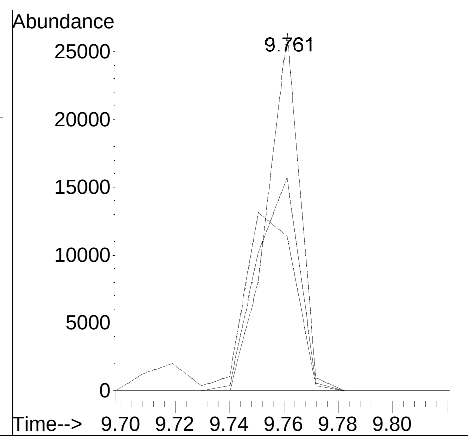
Ion	Ratio	Lower	Upper
168	100		
139	41.1	31.4	47.2

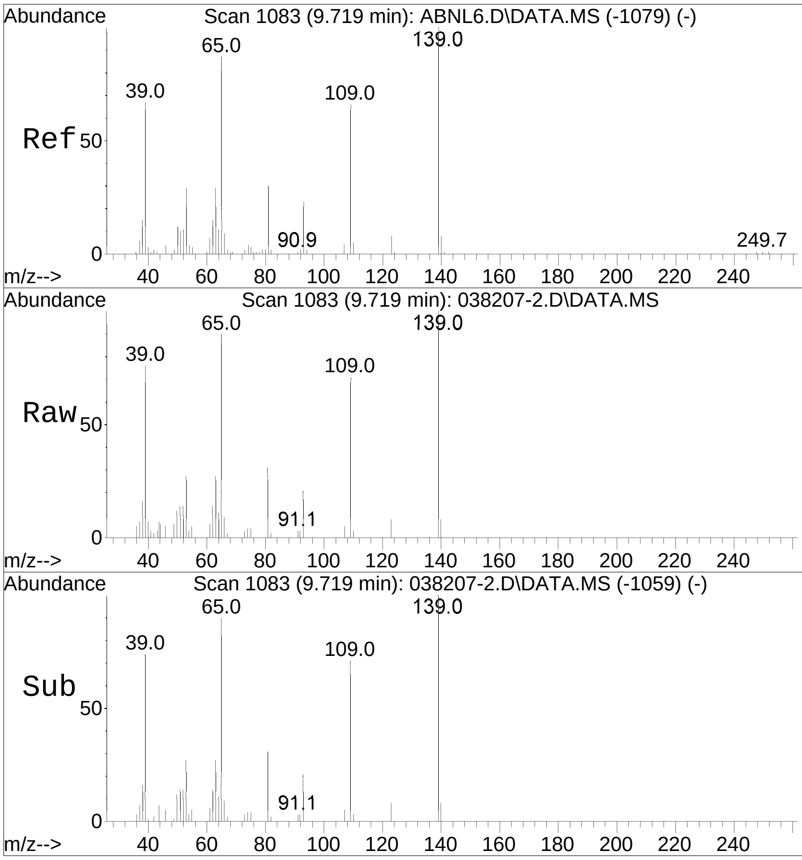


#68
2,4-Dinitrotoluene
Concen: 1.72 ug/ml
RT: 9.761 min Scan# 1087
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:165 Resp: 22335

Ion	Ratio	Lower	Upper
165	100		
89	75.8	72.0	108.0
63	83.6	52.7	79.1#

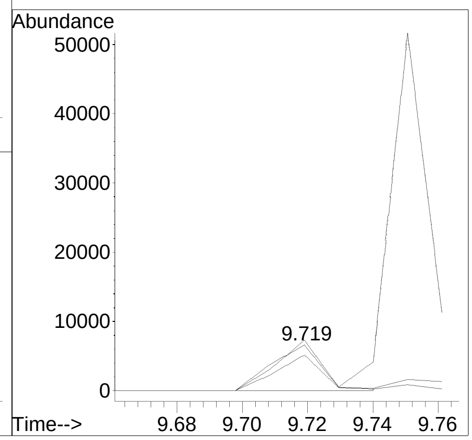


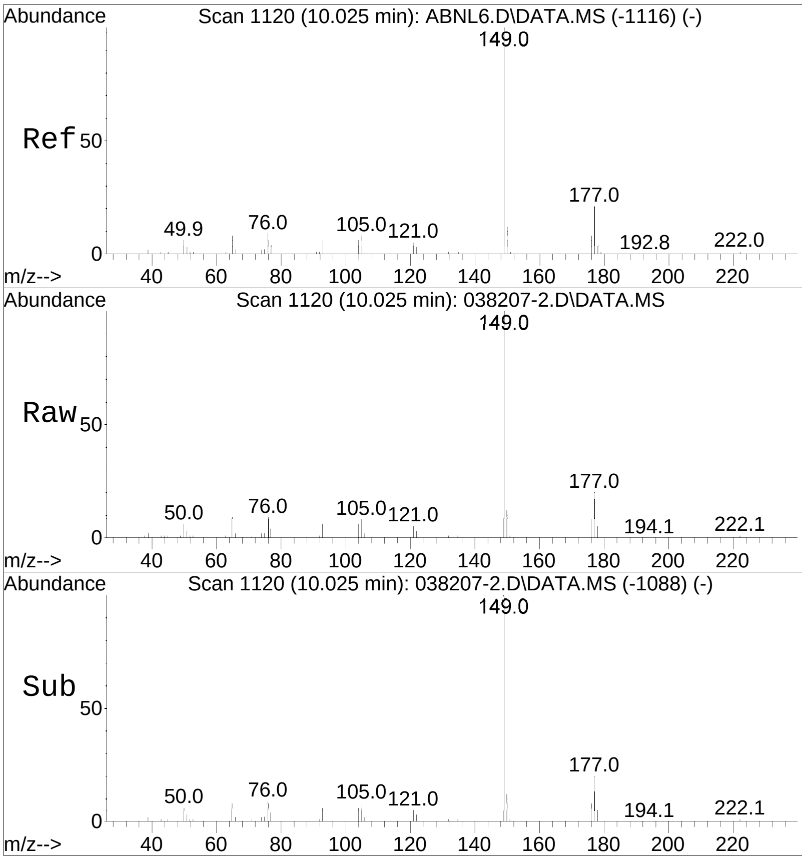


#69
4-Nitrophenol
Concen: 0.93 ug/ml
RT: 9.719 min Scan# 1083
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025   1:50 pm

Tgt Ion: 65 Resp: 7065

Ion	Ratio	Lower	Upper
65	100		
109	71.9	47.4	71.2#
139	0.0	76.6	115.0#

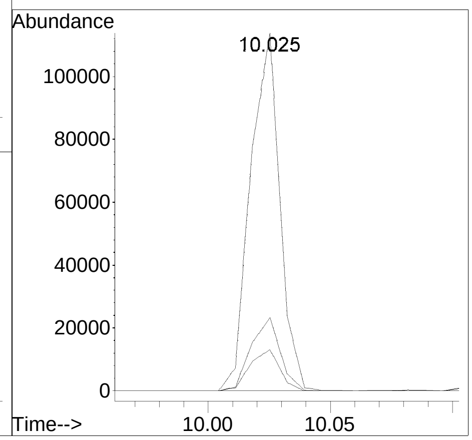


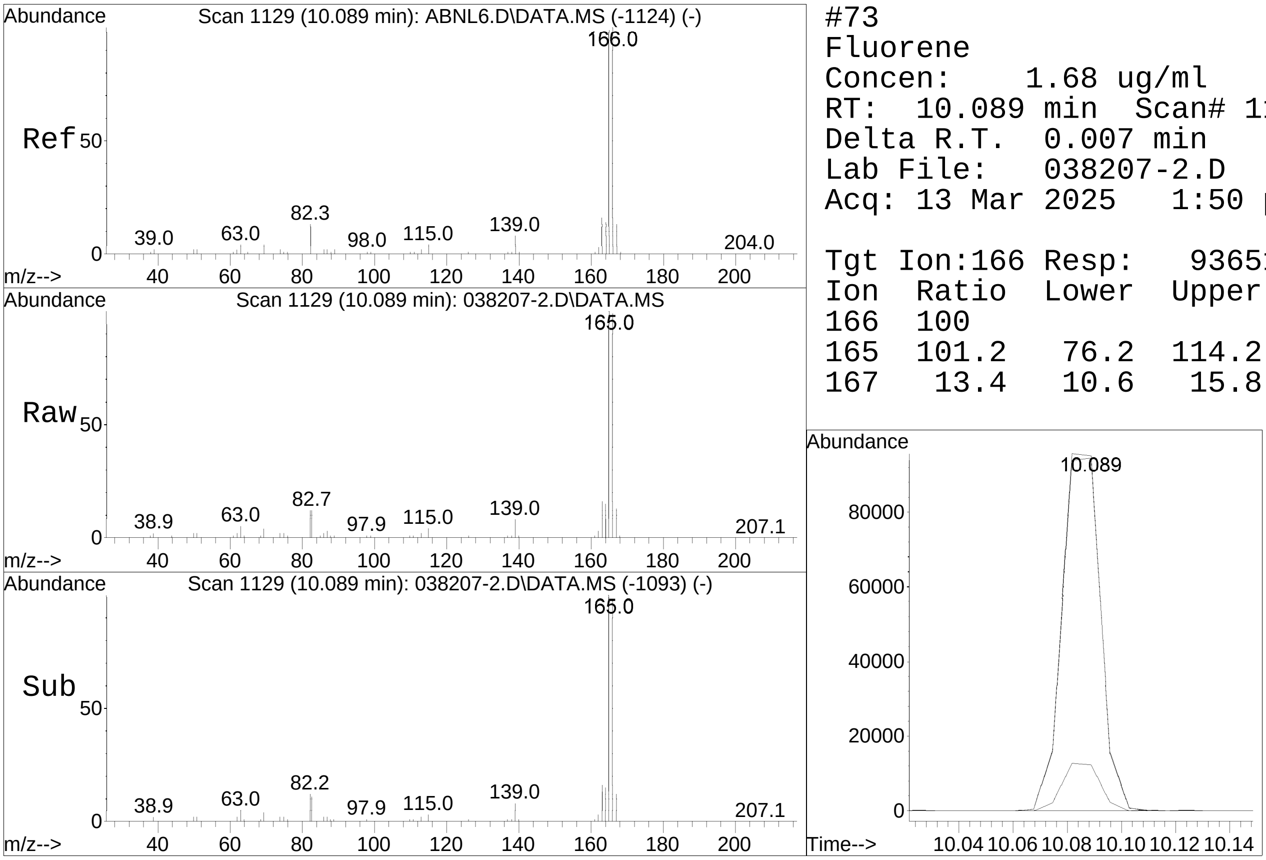


#72
Diethyl phthalate
Concen: 1.76 ug/ml
RT: 10.025 min Scan# 1120
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:149 Resp: 94511

Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	11.8	9.4	14.2

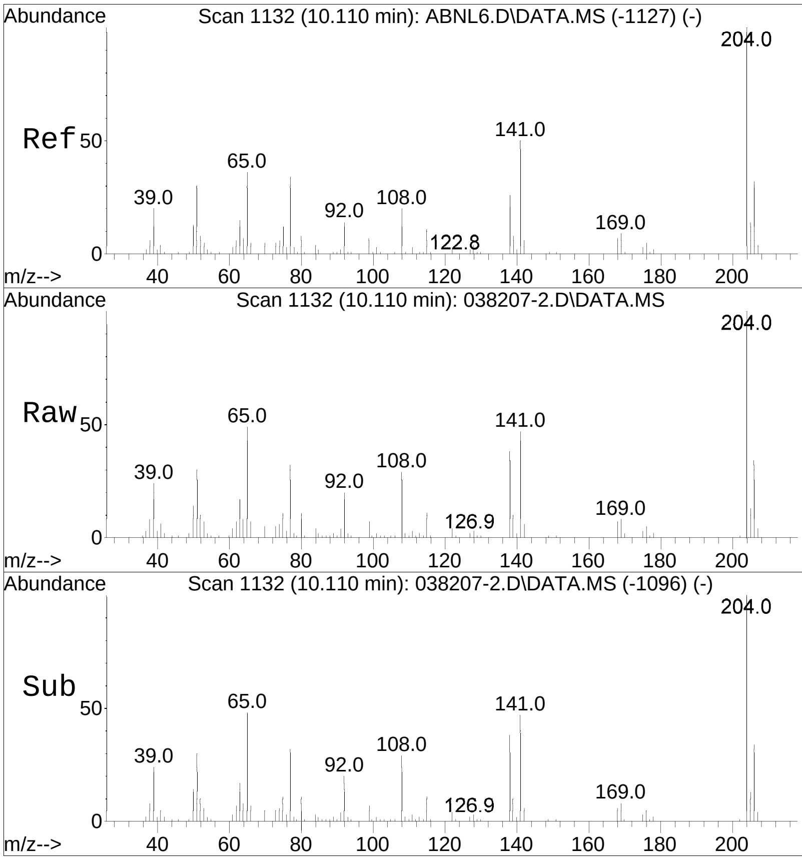




#73
Fluorene
Concen: 1.68 ug/ml
RT: 10.089 min Scan# 1129
Delta R.T. 0.007 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:166 Resp: 93651

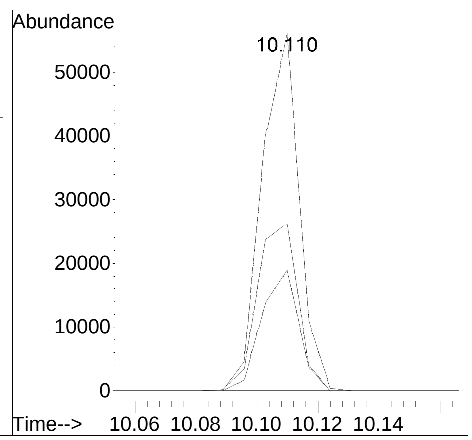
Ion	Ratio	Lower	Upper
166	100		
165	101.2	76.2	114.2
167	13.4	10.6	15.8

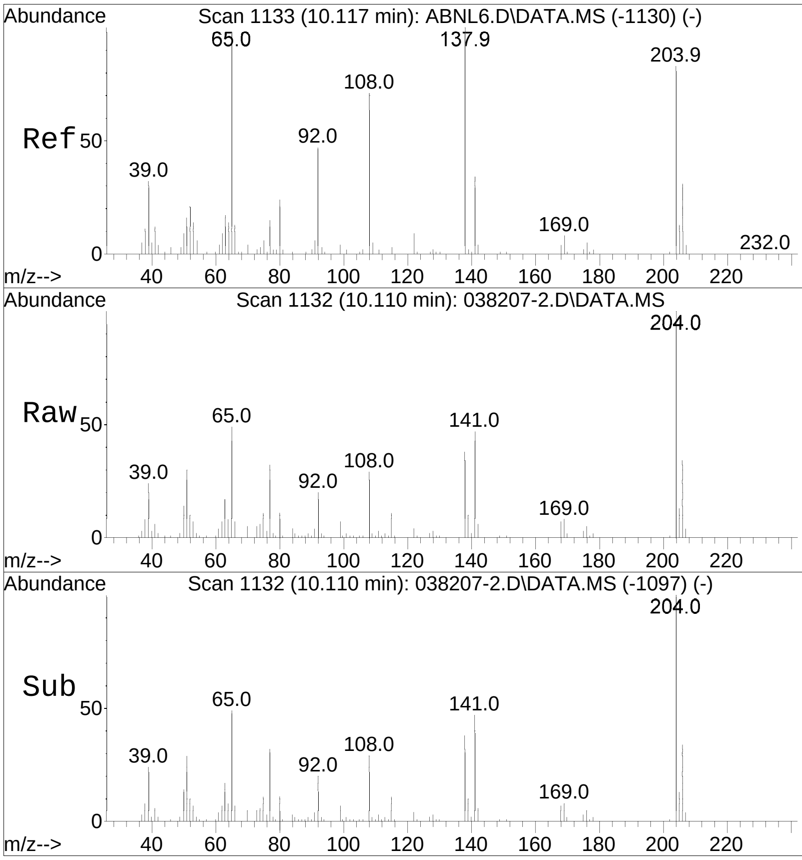


#74
4-Chlorophenyl phenyl ether
Concen: 1.63 ug/ml
RT: 10.110 min Scan# 1132
Delta R.T. 0.007 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:204 Resp: 47393

Ion	Ratio	Lower	Upper
204	100		
206	34.0	25.8	38.6
141	51.4	53.6	80.4#

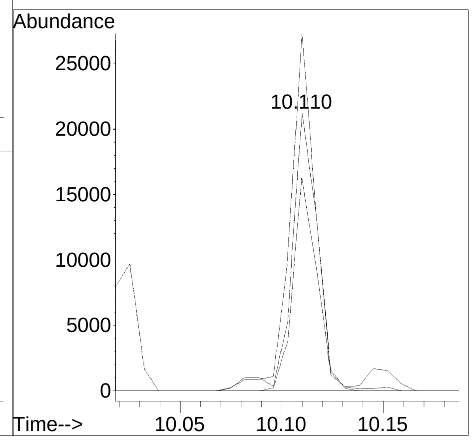


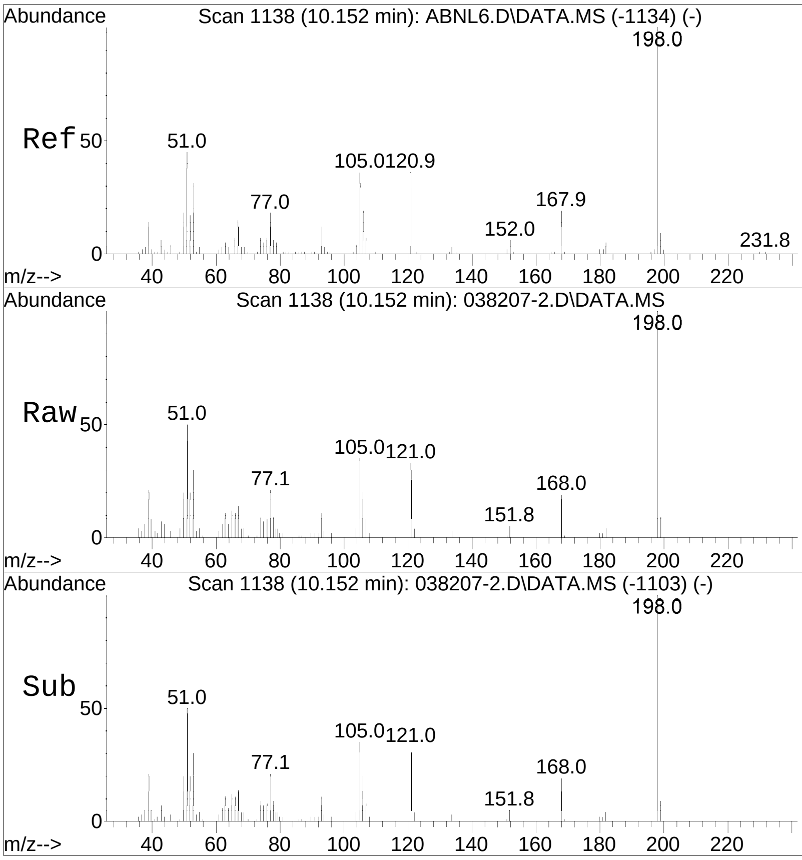


#75
4-Nitroaniline
Concen: 1.94 ug/ml
RT: 10.110 min Scan# 1132
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:138 Resp: 18791

Ion	Ratio	Lower	Upper
138	100		
108	72.3	52.1	78.1
65	124.6	115.0	172.6

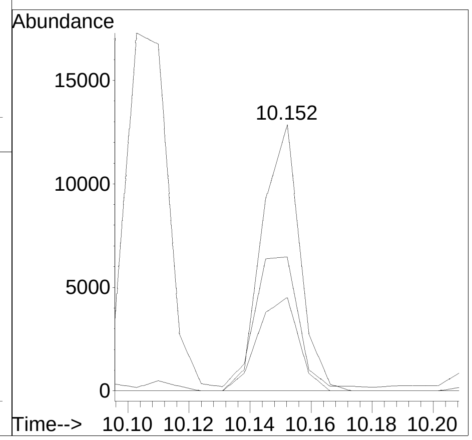


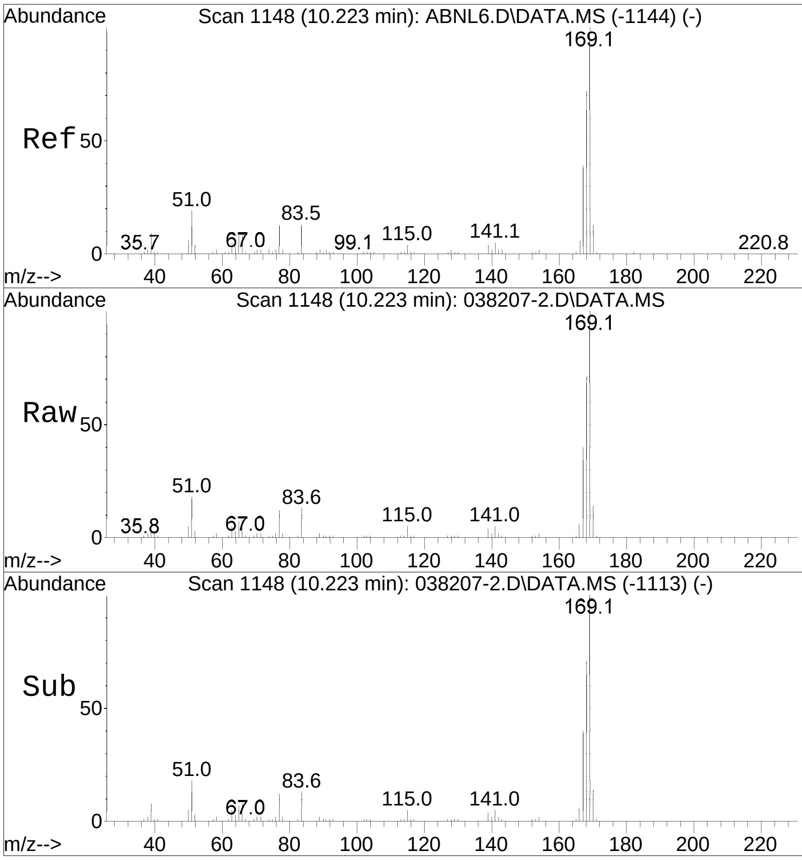


#76
4,6-Dinitro-o-cresol
Concen: 1.65 ug/ml
RT: 10.152 min Scan# 1138
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:198 Resp: 11094

Ion	Ratio	Lower	Upper
198	100		
51	60.2	76.0	114.0#
105	38.0	45.6	68.4#

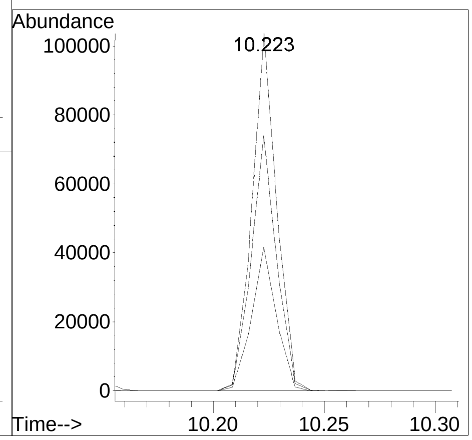


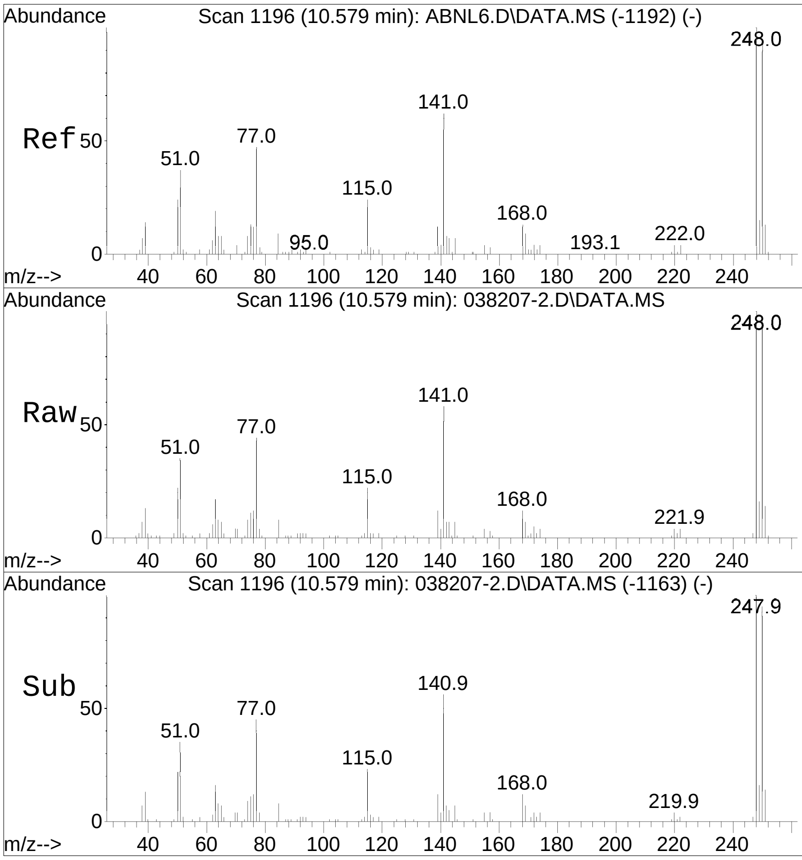


#77
NDPA/DPA
Concen: 1.73 ug/ml
RT: 10.223 min Scan# 1148
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:169 Resp: 80206

Ion	Ratio	Lower	Upper
169	100		
168	73.0	54.0	81.0
167	40.5	28.6	42.8

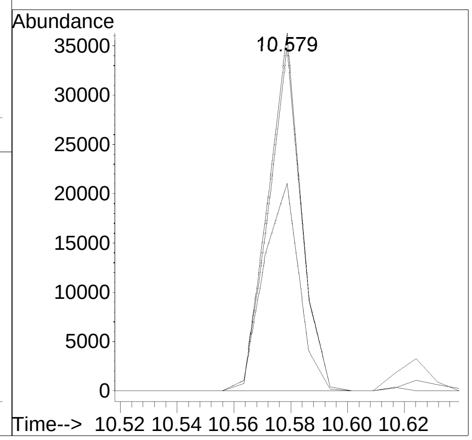


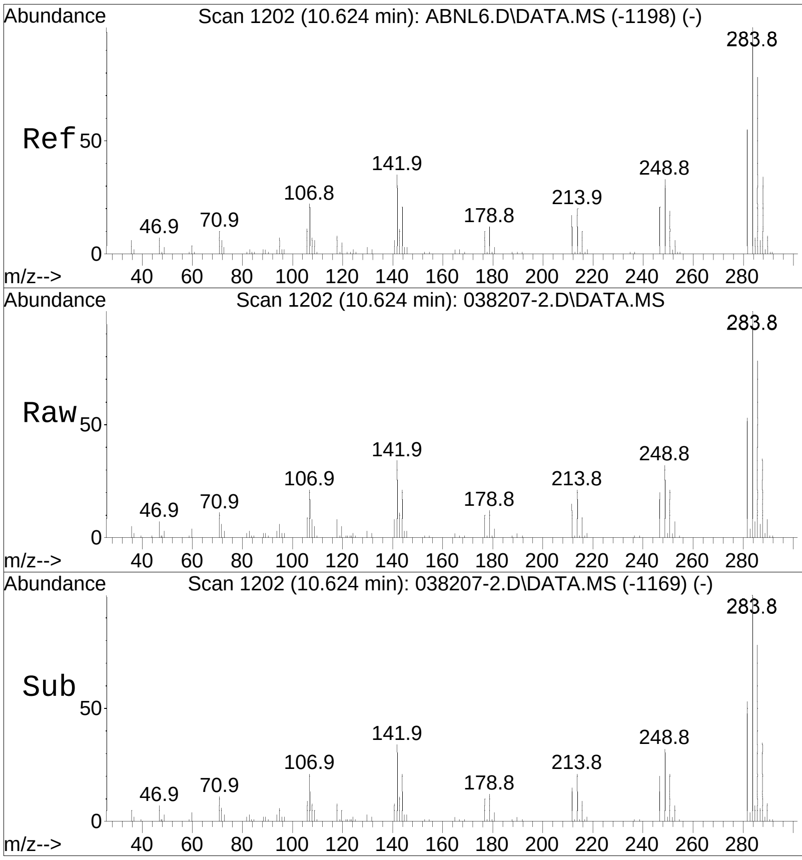


#80
4-Bromophenyl phenyl ether
Concen: 1.59 ug/ml
RT: 10.579 min Scan# 1196
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:248 Resp: 29156

Ion	Ratio	Lower	Upper
248	100		
141	62.5	76.6	114.8#
250	95.6	77.3	115.9

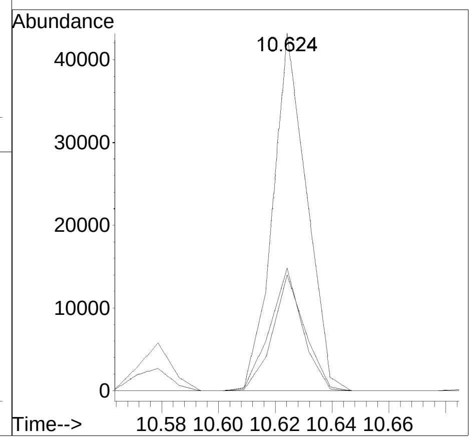


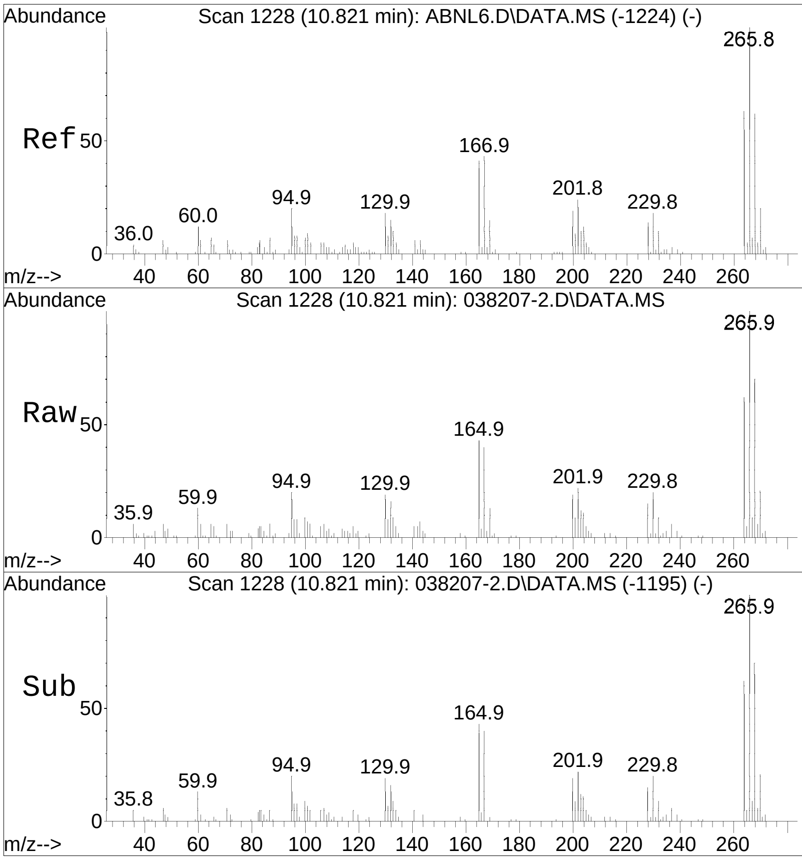


#81
Hexachlorobenzene
Concen: 1.67 ug/ml
RT: 10.624 min Scan# 1202
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:284 Resp: 35832

Ion	Ratio	Lower	Upper
284	100		
142	33.1	41.9	62.9#
249	31.1	24.1	36.1

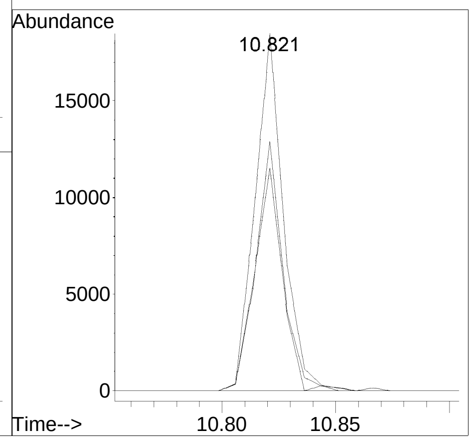


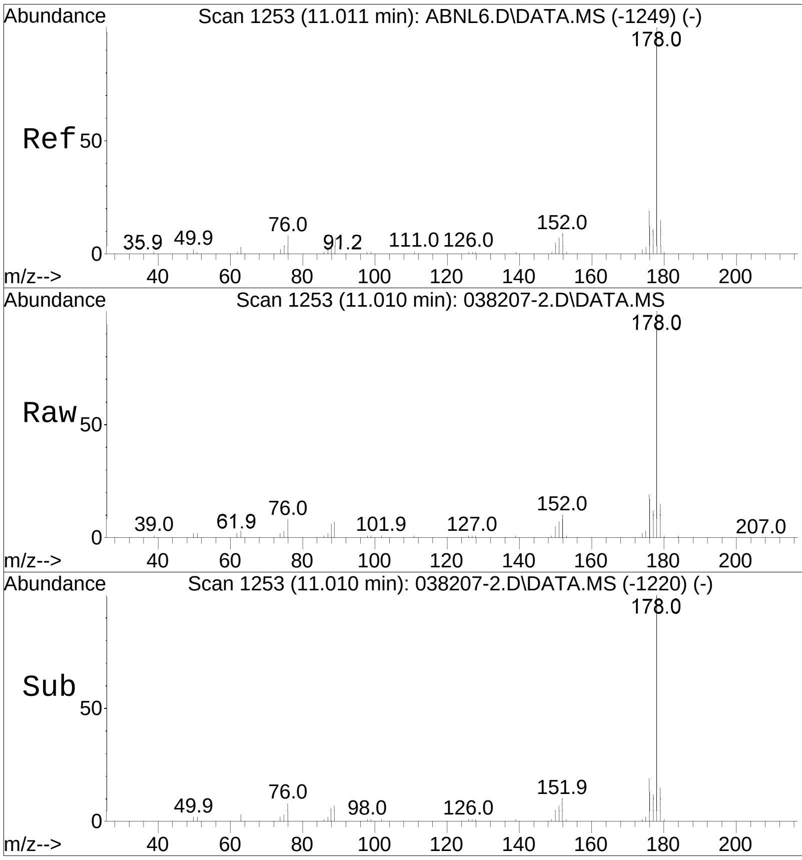


#82
Pentachlorophenol
Concen: 1.44 ug/ml
RT: 10.821 min Scan# 1228
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:266 Resp: 16029

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.7	74.5
268	67.2	50.5	75.7

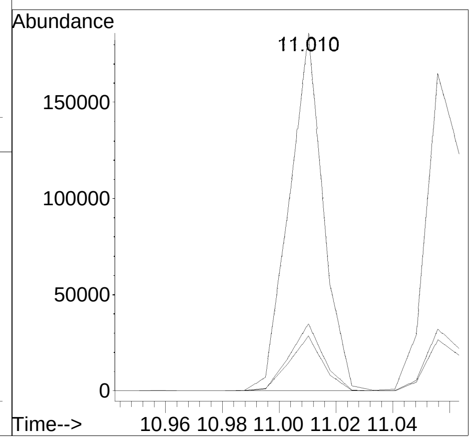


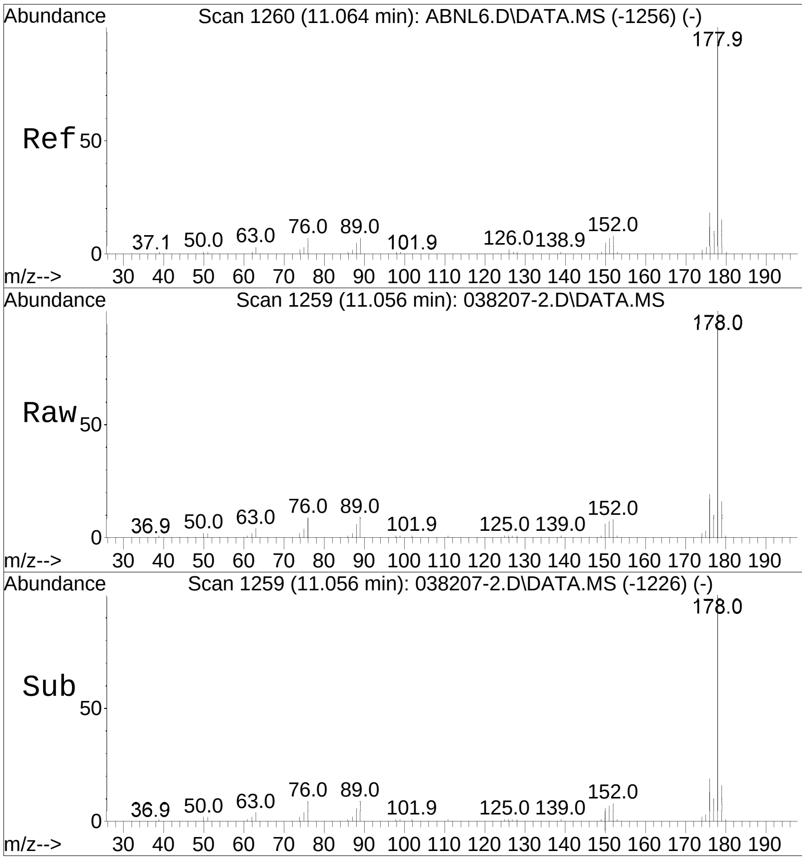


#89
Phenanthrene
Concen: 1.72 ug/ml
RT: 11.010 min Scan# 1253
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:178 Resp: 154812

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.6	15.4	23.2

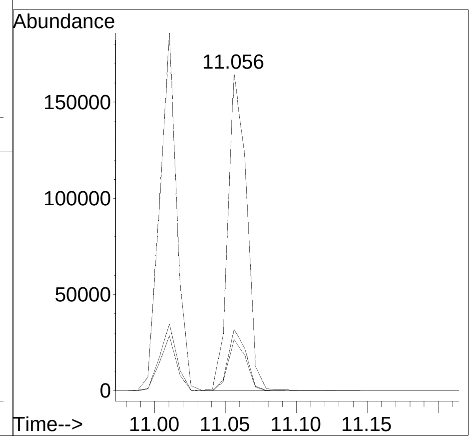


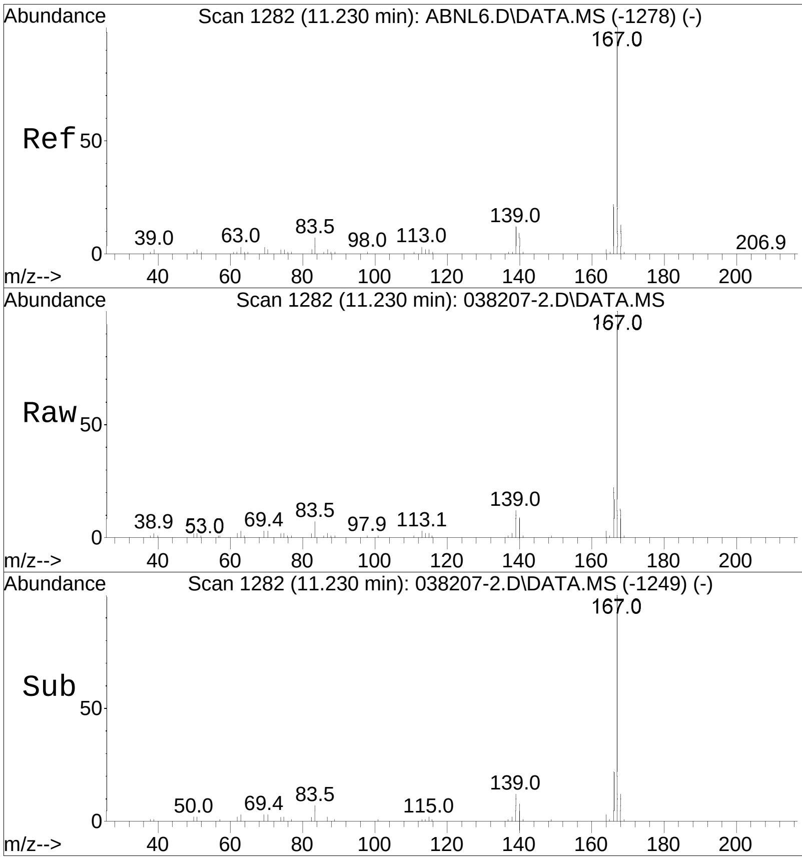


#90
Anthracene
Concen: 1.74 ug/ml
RT: 11.056 min Scan# 1259
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:178 Resp: 152247

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.0	18.0
176	18.7	14.6	22.0

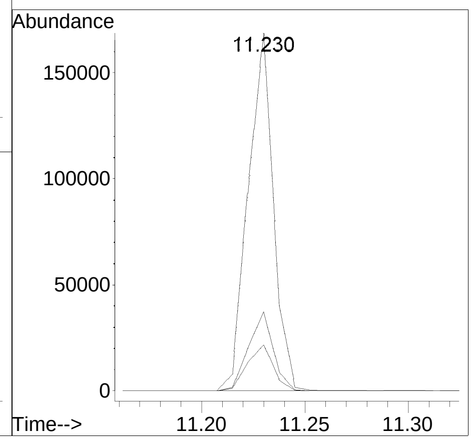


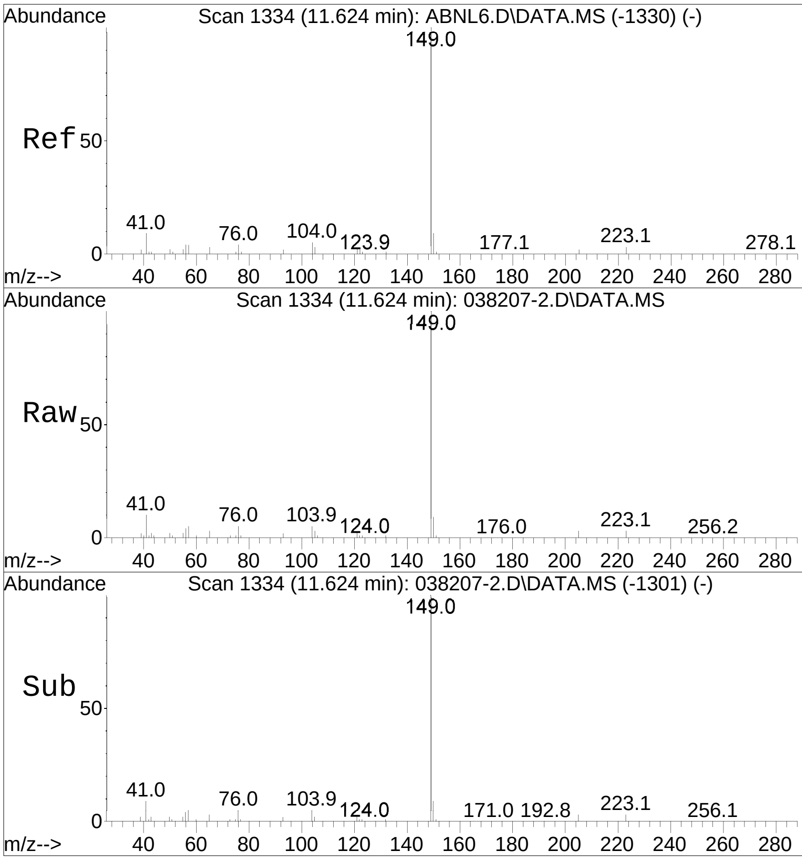


#91
Carbazole
Concen: 1.82 ug/ml
RT: 11.230 min Scan# 1282
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:167 Resp: 142766

Ion	Ratio	Lower	Upper
167	100		
168	13.3	10.6	15.8
166	21.7	17.4	26.0

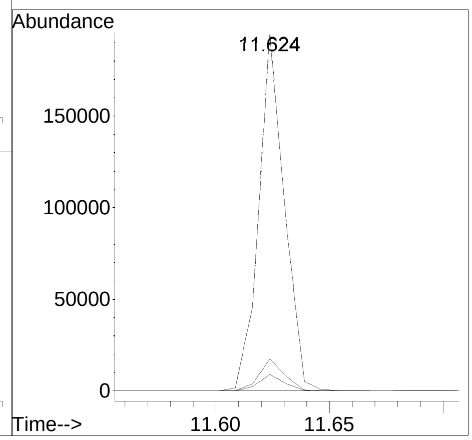


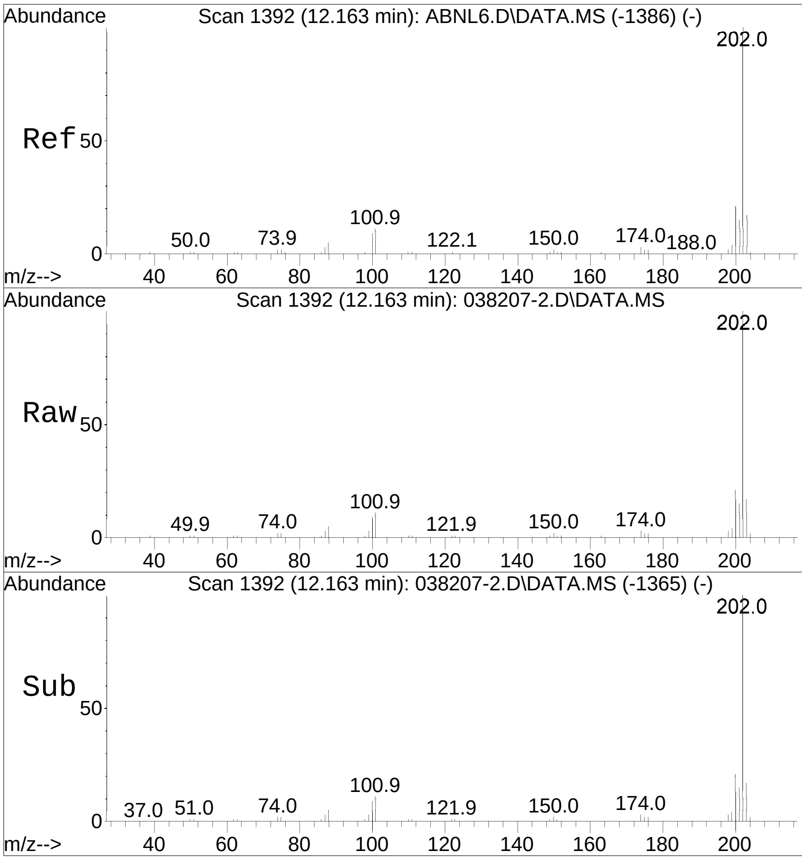


#92
Di-n-butylphthalate
Concen: 1.72 ug/ml
RT: 11.624 min Scan# 1334
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:149 Resp: 151730

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	4.7	4.5	6.7

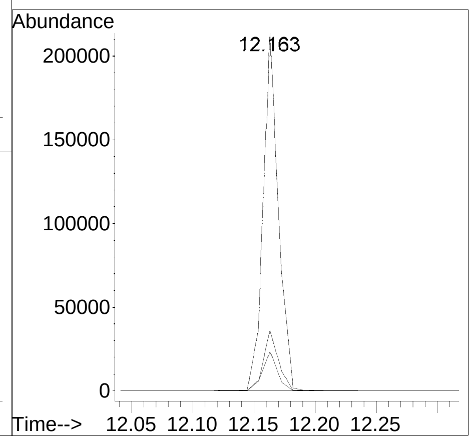


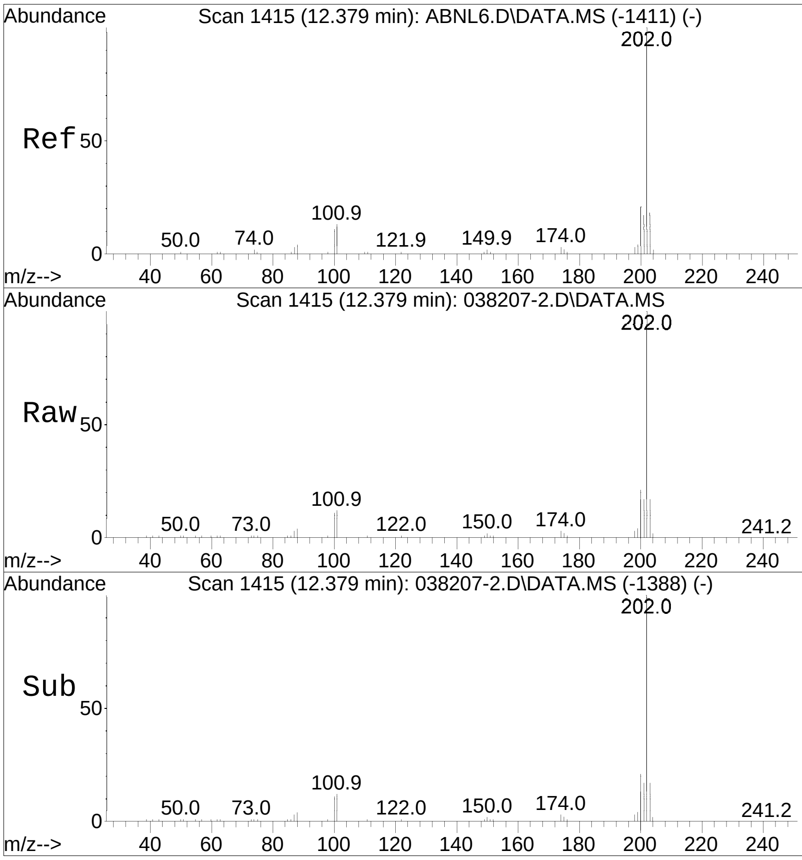


#93
Fluoranthene
Concen: 1.78 ug/ml
RT: 12.163 min Scan# 1392
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:202 Resp: 182966

Ion	Ratio	Lower	Upper
202	100		
101	11.1	13.5	20.3#
203	16.9	13.6	20.4

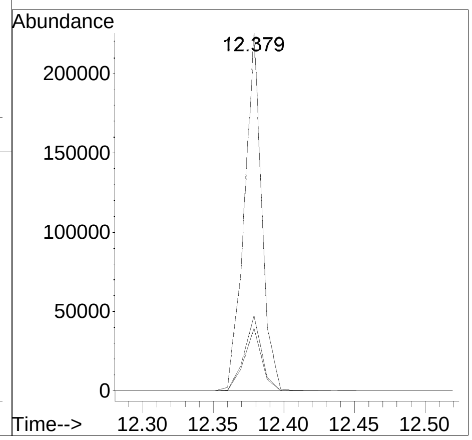


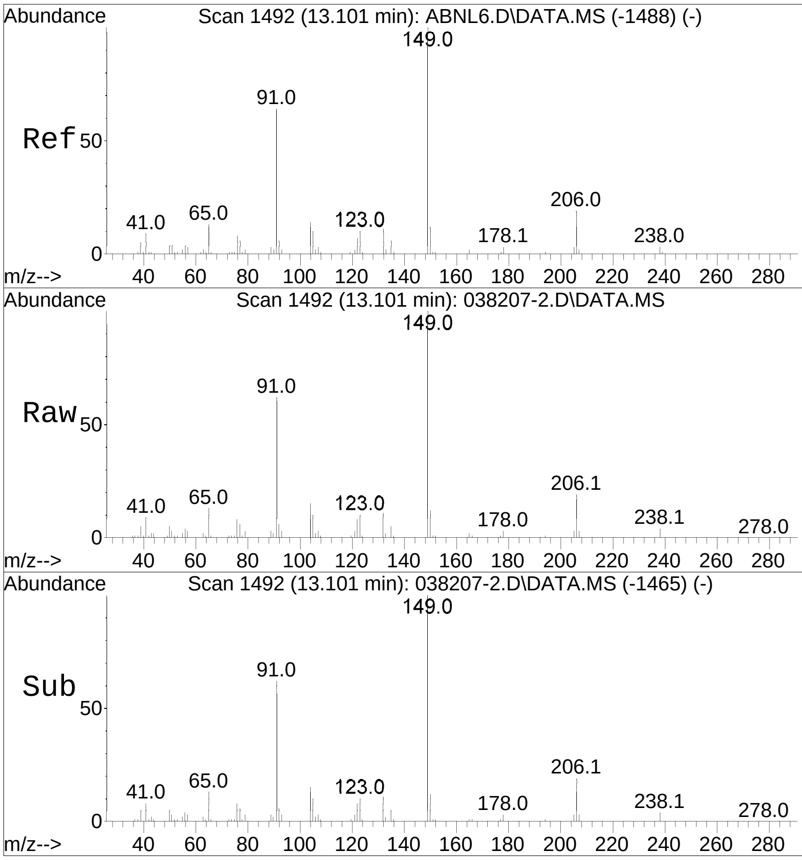


#95
Pyrene
Concen: 1.79 ug/ml
RT: 12.379 min Scan# 1415
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:202 Resp: 192383

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.7	14.2	21.4

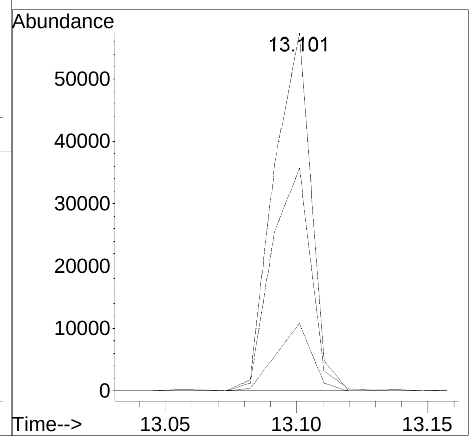


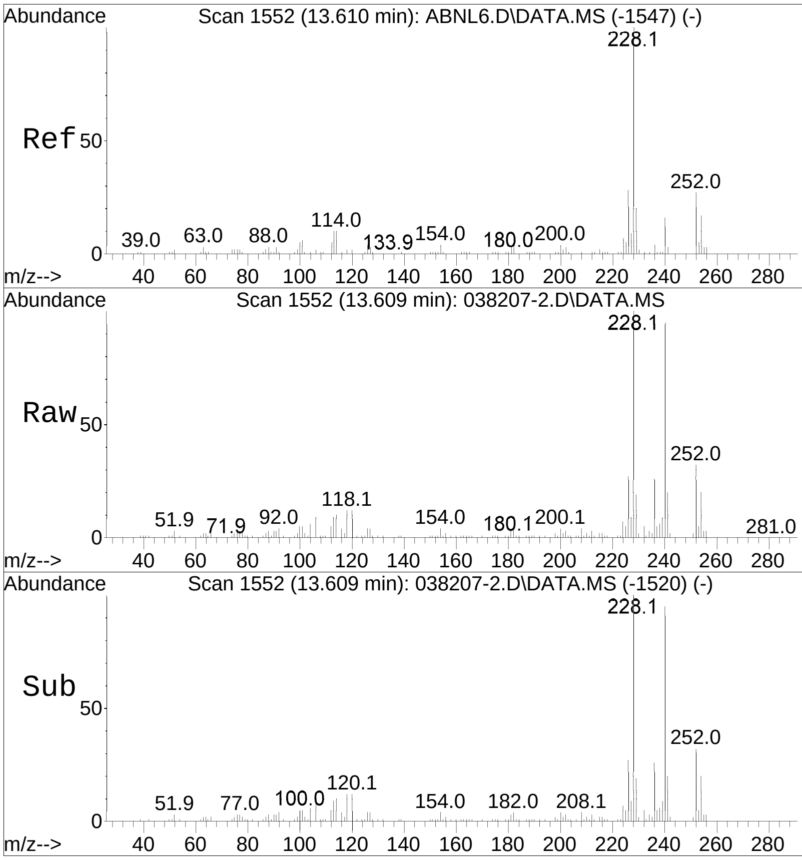


#97
Butyl benzyl phthalate
Concen: 1.67 ug/ml
RT: 13.101 min Scan# 1492
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:149 Resp: 56497

Ion	Ratio	Lower	Upper
149	100		
91	66.3	63.3	94.9
206	18.4	13.9	20.9

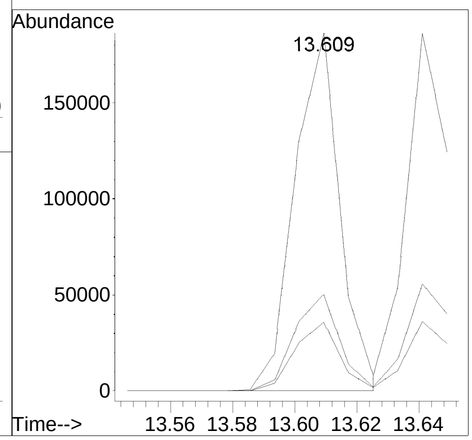


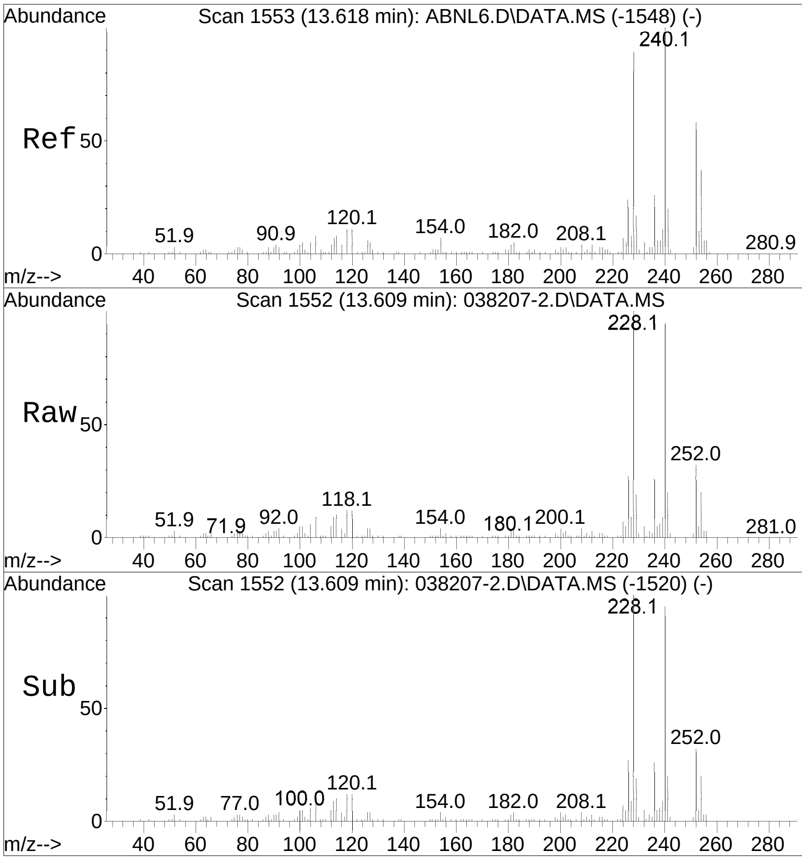


#105
Benzo(a)anthracene
Concen: 1.87 ug/ml
RT: 13.609 min Scan# 1552
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:228 Resp: 187240

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	19.3	15.6	23.4

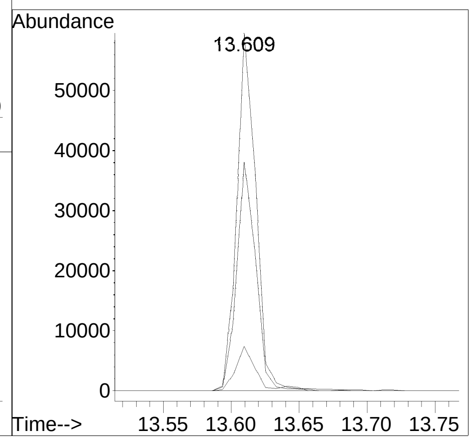


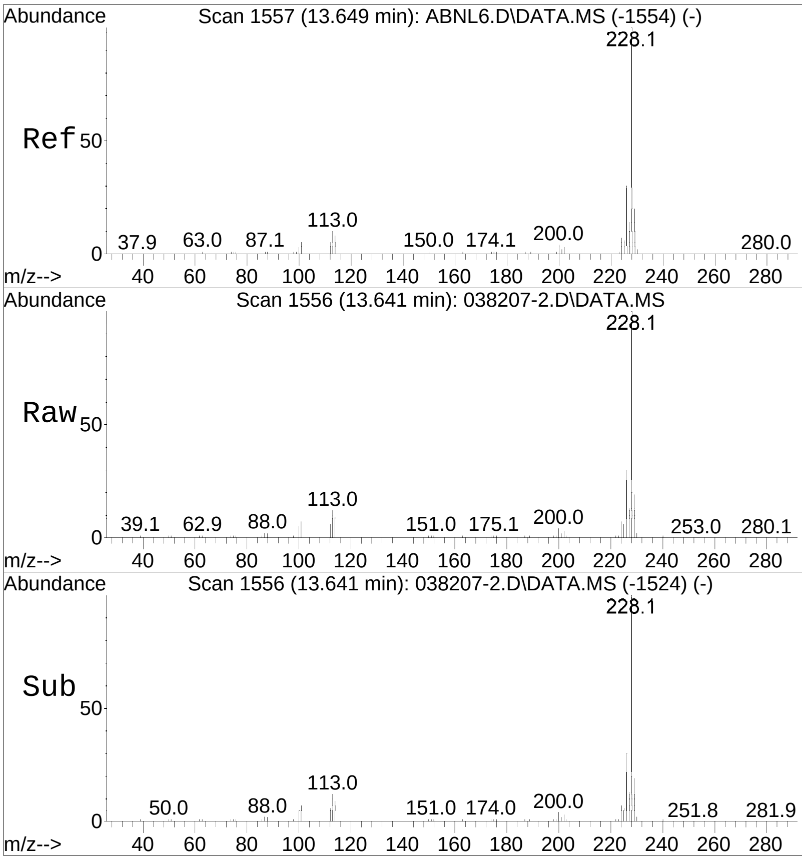


#106
3,3'-Dichlorobenzidine
Concen: 1.72 ug/ml
RT: 13.609 min Scan# 1552
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:252 Resp: 57979

Ion	Ratio	Lower	Upper
252	100		
126	12.4	14.5	21.7#
254	64.0	51.2	76.8

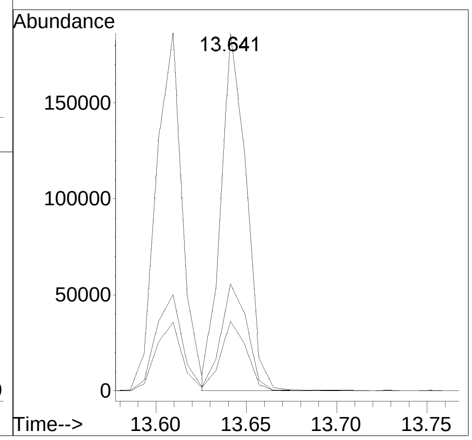


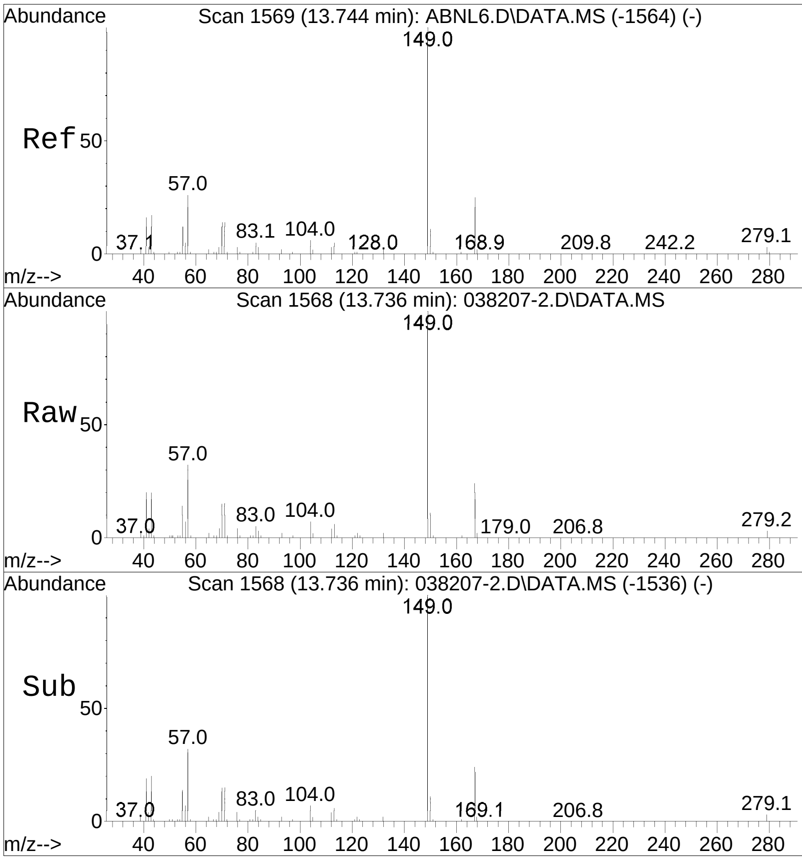


#107
Chrysene
Concen: 1.84 ug/ml
RT: 13.641 min Scan# 1556
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:228 Resp: 183221

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.5	15.8	23.8

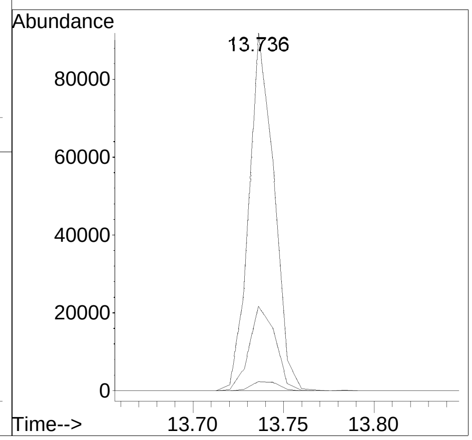


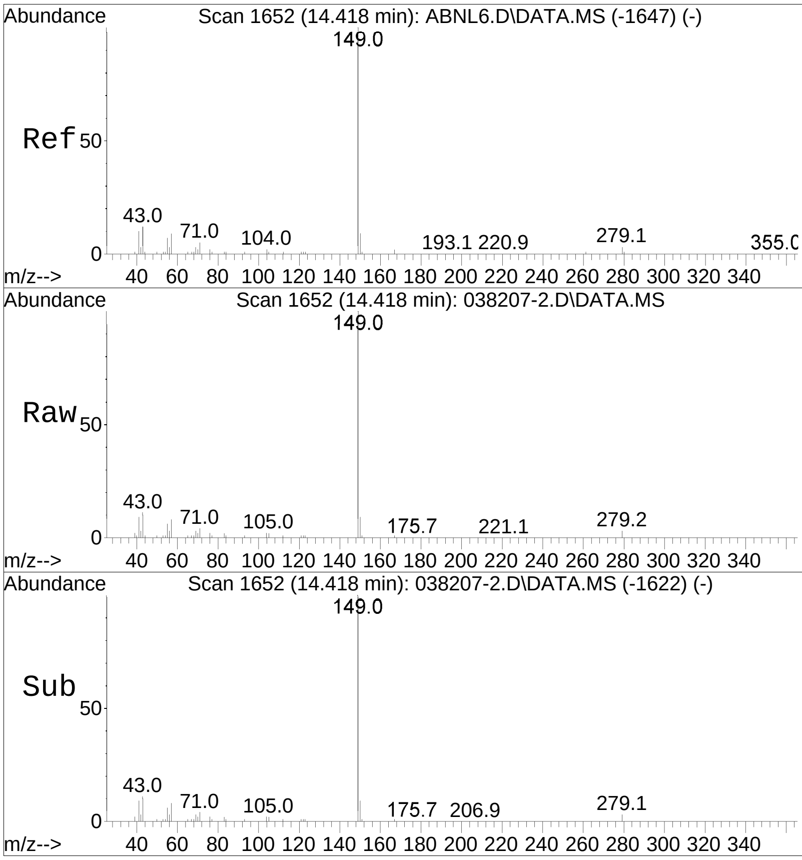


#108
Bis(2-ethylhexyl)phthalate
Concen: 1.67 ug/ml
RT: 13.736 min Scan# 1568
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:149 Resp: 88317

Ion	Ratio	Lower	Upper
149	100		
167	24.7	22.1	33.1
279	2.9	3.0	4.4#

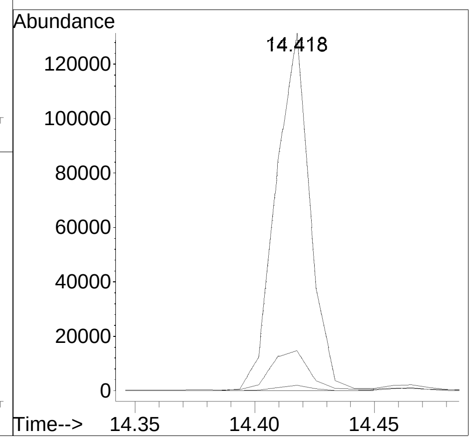


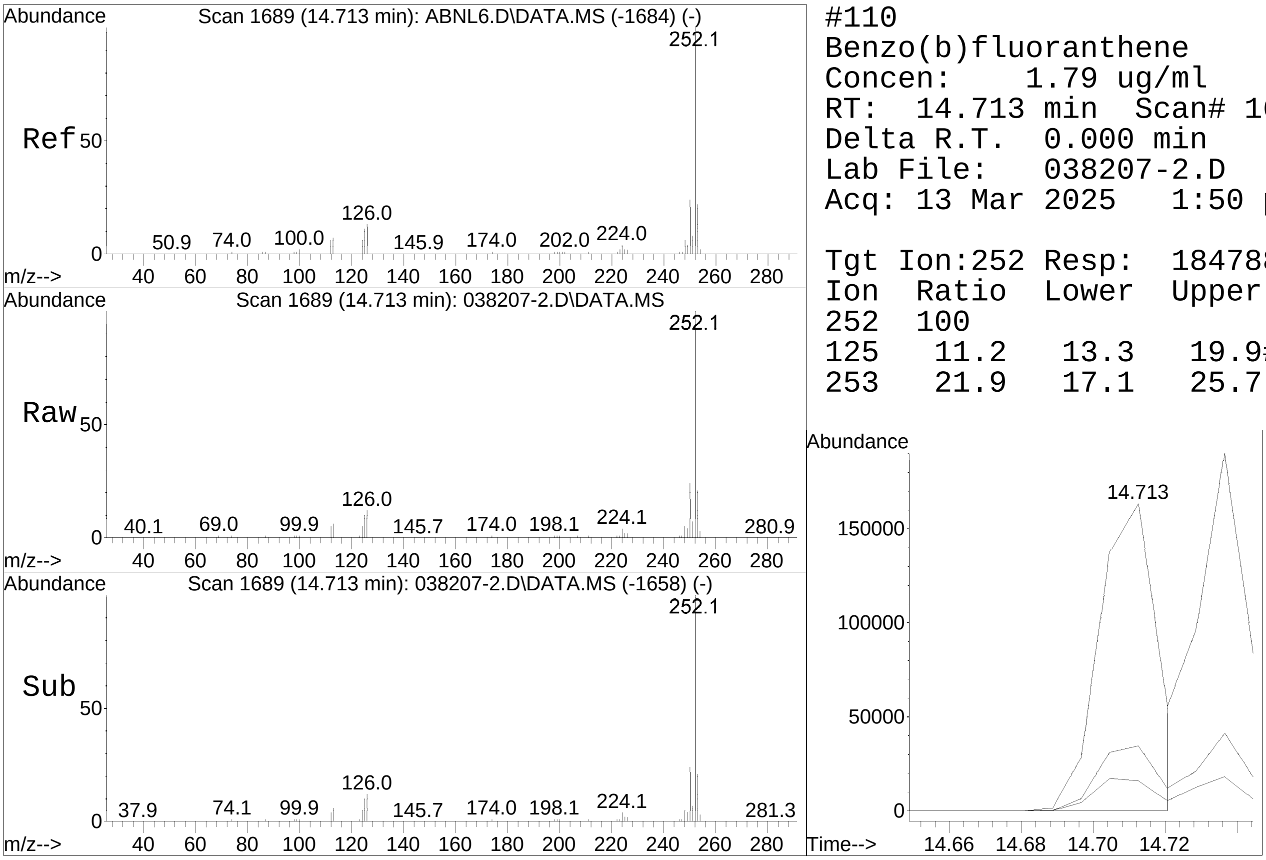


#109
Di-n-octylphthalate
Concen: 1.66 ug/ml
RT: 14.418 min Scan# 1652
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:149 Resp: 129205

Ion	Ratio	Lower	Upper
149	100		
43	12.7	18.8	28.2#
167	1.4	1.3	1.9

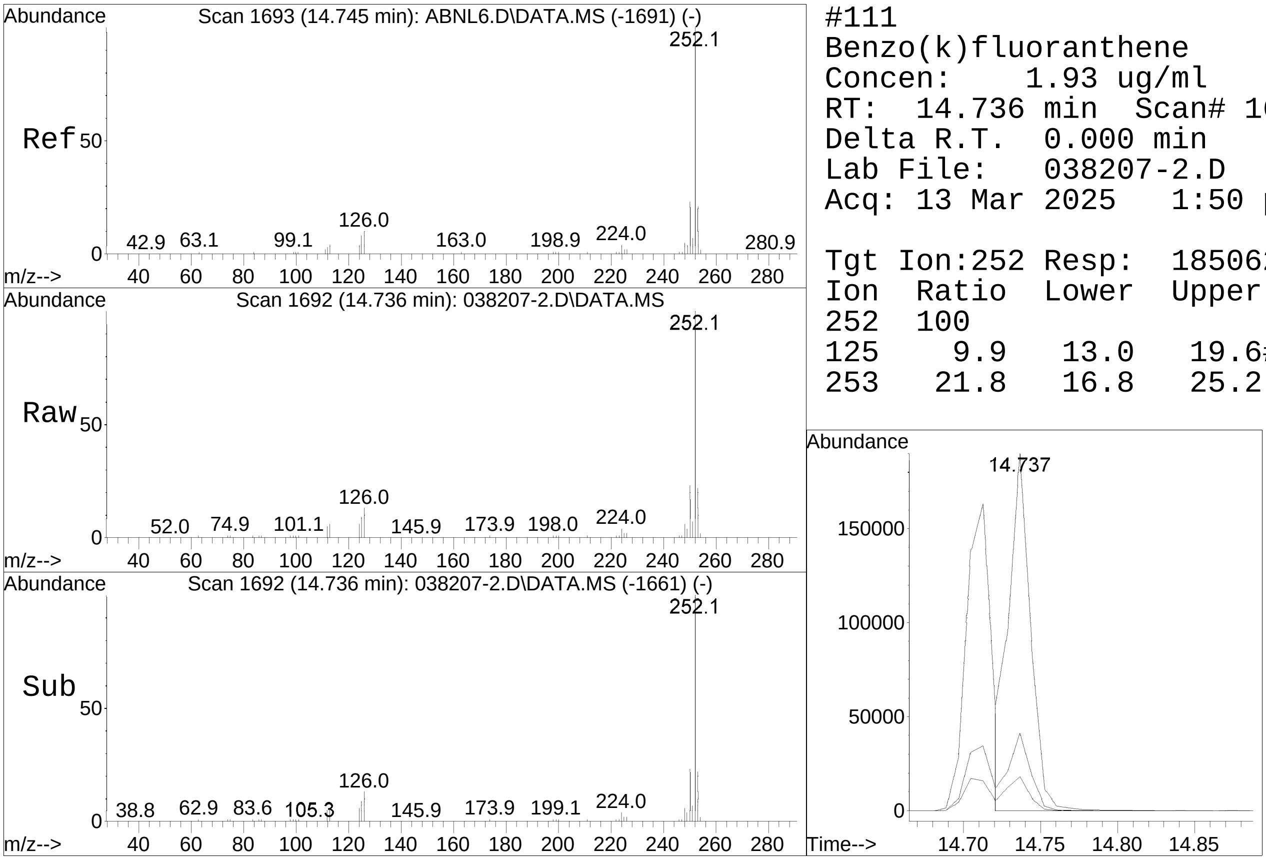




#110
Benzo(b)fluoranthene
Concen: 1.79 ug/ml
RT: 14.713 min Scan# 1689
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:252 Resp: 184788

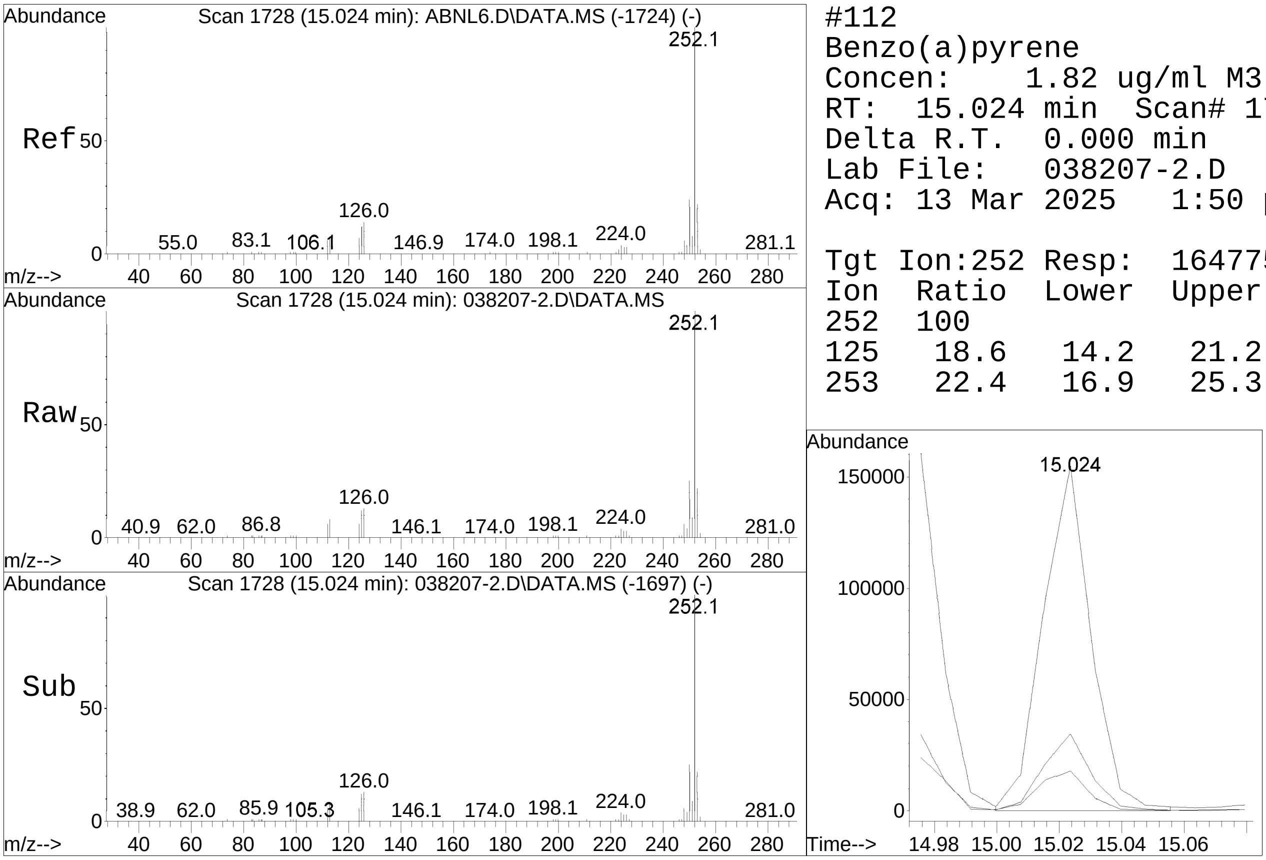
Ion	Ratio	Lower	Upper
252	100		
125	11.2	13.3	19.9#
253	21.9	17.1	25.7



#111
Benzo(k)fluoranthene
Concen: 1.93 ug/ml
RT: 14.736 min Scan# 1692
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:252 Resp: 185062

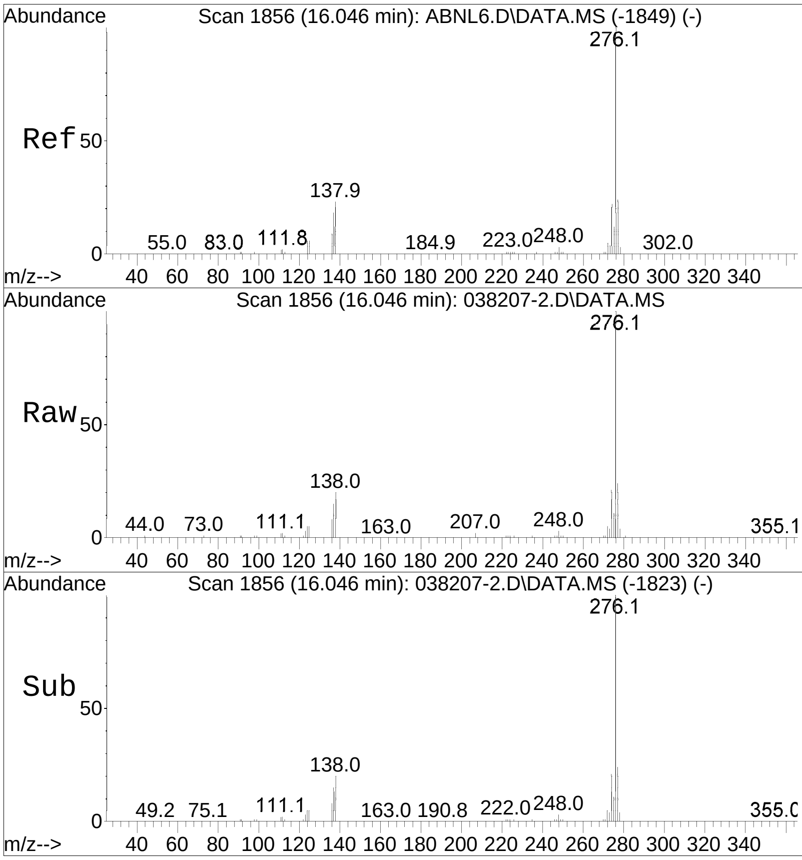
Ion	Ratio	Lower	Upper
252	100		
125	9.9	13.0	19.6#
253	21.8	16.8	25.2



#112
Benzo(a)pyrene
Concen: 1.82 ug/ml M3
RT: 15.024 min Scan# 1728
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:252 Resp: 164775

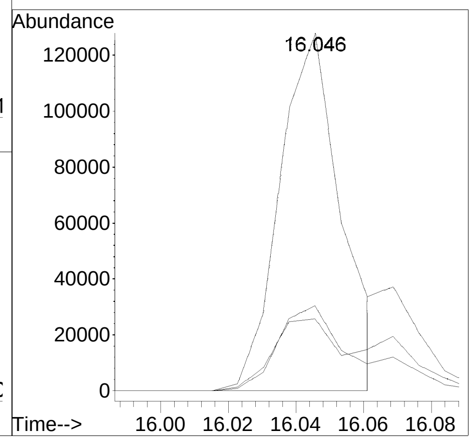
Ion	Ratio	Lower	Upper
252	100		
125	18.6	14.2	21.2
253	22.4	16.9	25.3

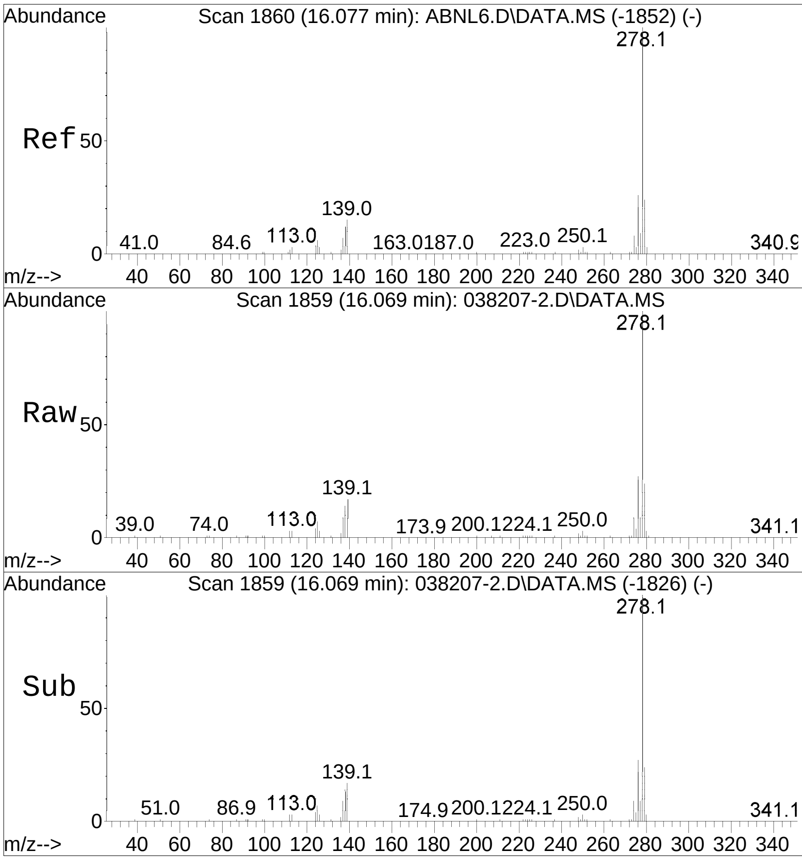


#114
Indeno(1,2,3-cd)pyrene
Concen: 1.86 ug/mL M6
RT: 16.046 min Scan# 1856
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:276 Resp: 162152

Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.1	37.7
277	31.4	18.6	28.0#

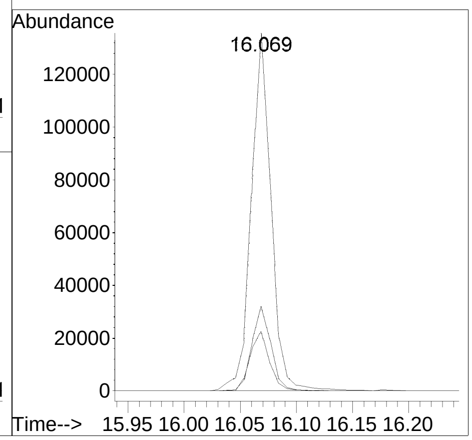


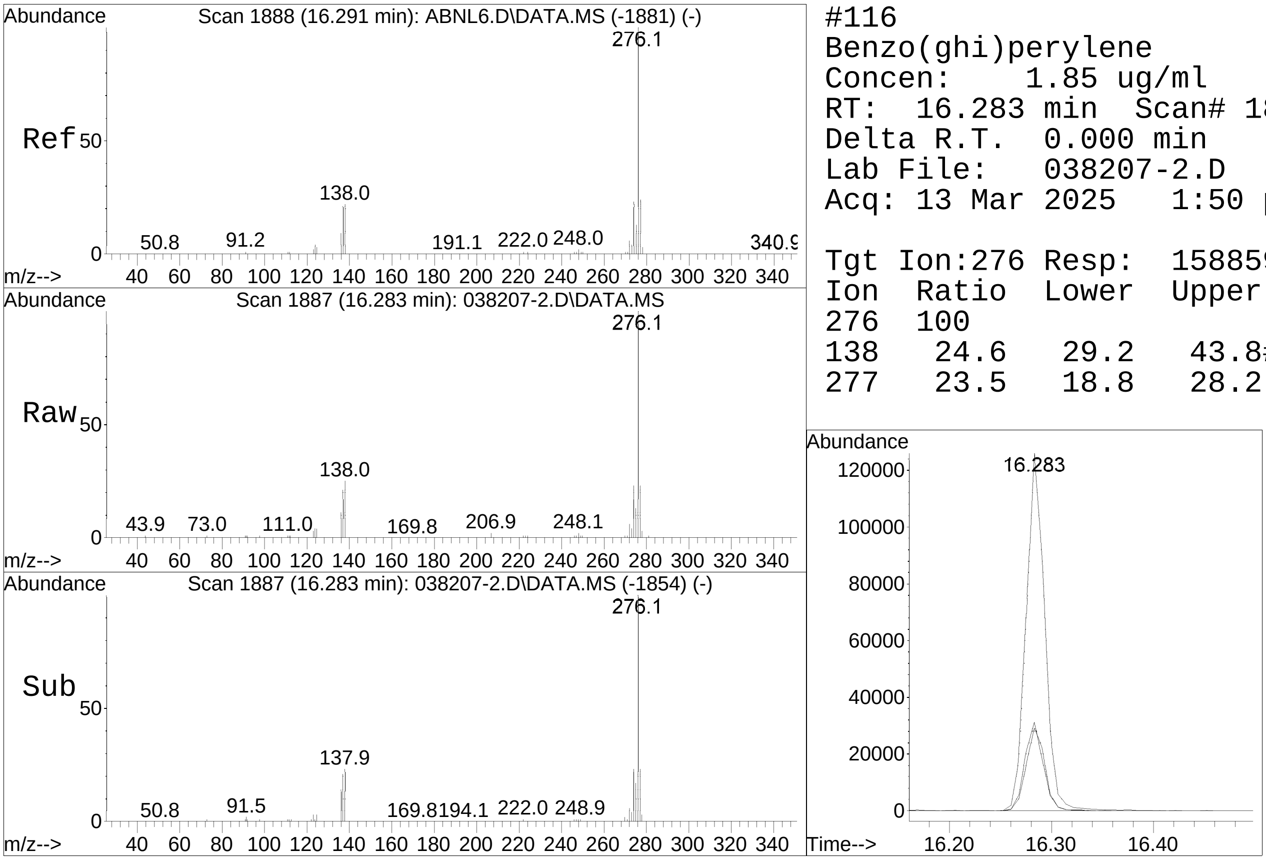


#115
Dibenzo(a,h)anthracene
Concen: 1.90 ug/ml
RT: 16.069 min Scan# 1859
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

Tgt Ion:278 Resp: 165268

Ion	Ratio	Lower	Upper
278	100		
139	16.6	20.8	31.2#
279	22.9	18.3	27.5





#116
Benzo(ghi)perylene
Concen: 1.85 ug/ml
RT: 16.283 min Scan# 1887
Delta R.T. 0.000 min
Lab File: 038207-2.D
Acq: 13 Mar 2025 1:50 pm

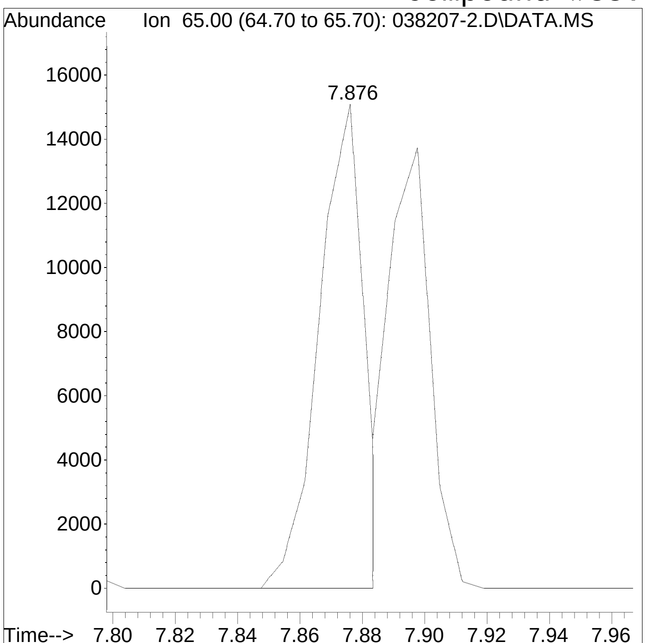
Tgt Ion:276 Resp: 158859

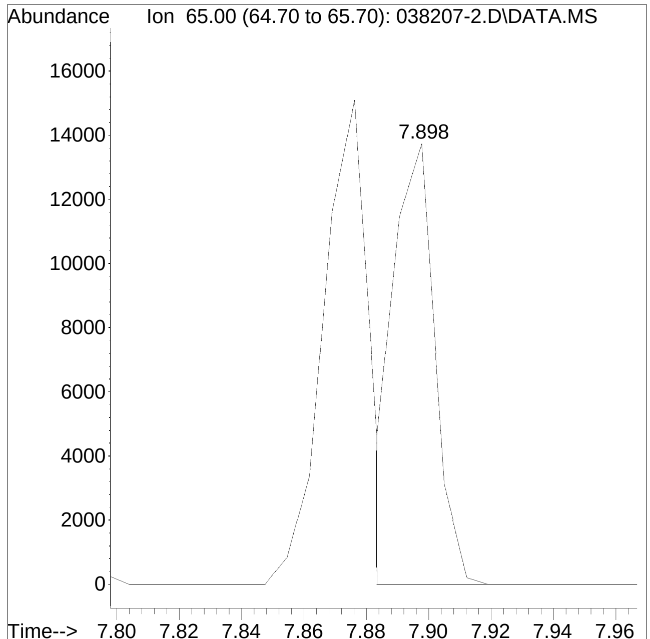
Ion	Ratio	Lower	Upper
276	100		
138	24.6	29.2	43.8#
277	23.5	18.8	28.2

Manual Integration Report

Data Path	: I:\8270\SV106\250313RVT\	QMethod	: FS250311SV106.m
Data File	: 038207-2.D	Operator	: SV106:jg
Date Inj'd	: 3/13/2025 1:50 pm	Instrument	: SV 106
Sample	: WG2038207-2,32,,gmr	Quant Date	: 3/13/2025 4:37 pm

Compound #38: 4-Chloroaniline





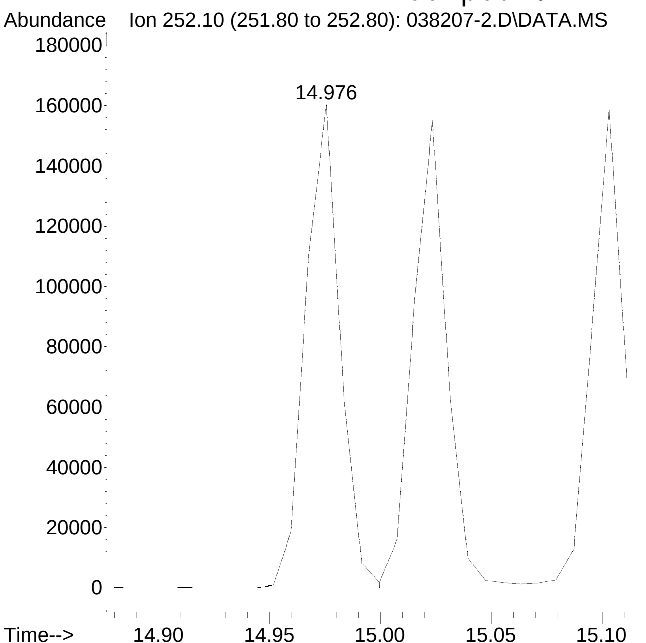
Original Peak Response = 15345 Manual Peak Response = 12314 M3

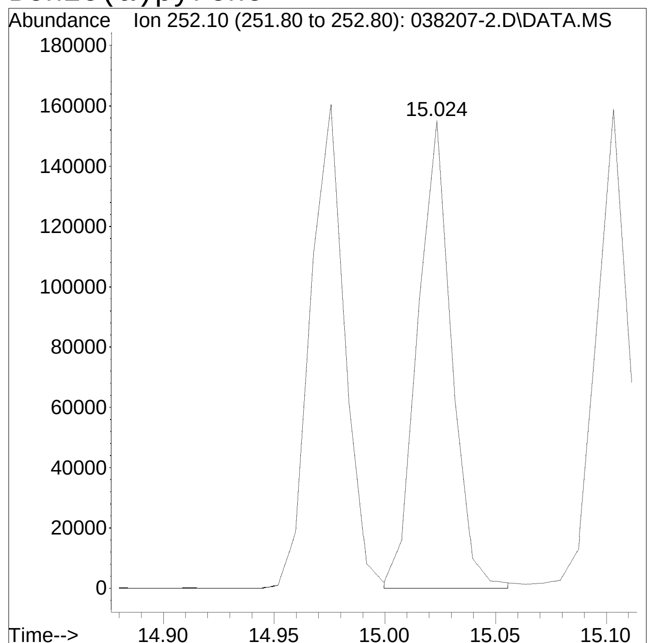
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV106\250313RVT\ QMethod : FS250311SV106.m
Data File : 038207-2.D Operator : SV106:jg
Date Inj'd : 3/13/2025 1:50 pm Instrument : SV 106
Sample : WG2038207-2,32,,gmr Quant Date : 3/13/2025 4:37 pm

Compound #112: Benzo(a)pyrene



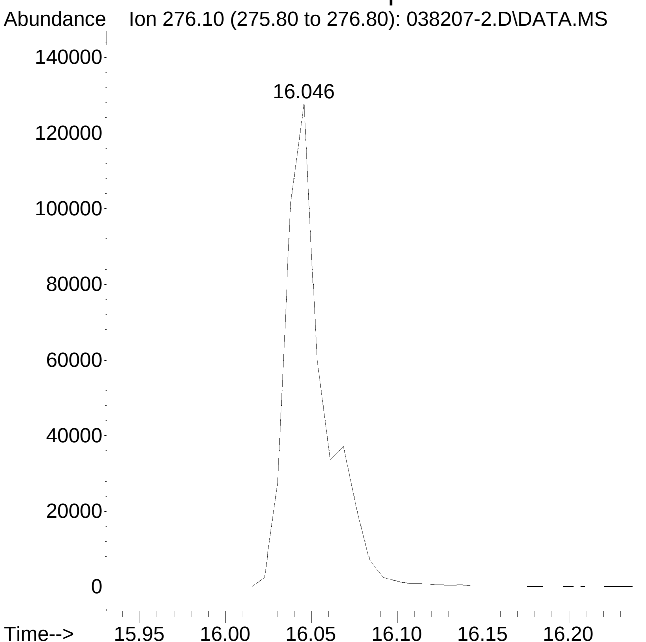


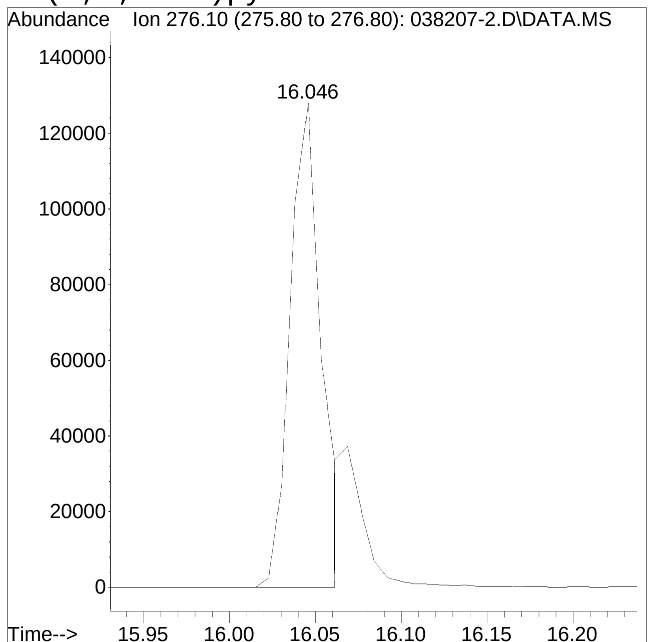
Original Peak Response = 173555 Manual Peak Response = 164775 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250313RVT\  QMethod     : FS250311SV106.m
Data File   : 038207-2.D                Operator    : SV106:jg
Date Inj'd  : 3/13/2025  1:50 pm        Instrument  : SV 106
Sample      : WG2038207-2,32,,gmr       Quant Date  : 3/13/2025  4:37 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 195996 Manual Peak Response = 162152 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-3.D
Acq On : 13 Mar 2025 2:13 pm
Operator : SV106:jg
Sample : WG2038207-3,32,,gmr
Misc : WG2040166,WG2038207,ical22075
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:48:48 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
: 2 - I:\8270\SV106\250313RVT\ADP0313.D
: 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	6.351	152	97575	4.000 ug/ml	0.00
Standard Area 1 = 59871			Recovery =	162.98%	
27) IS2_1,4-Dichlorobenzen...	6.351	152	97575	4.000 ug/ml	0.00
Standard Area 3 = 57135			Recovery =	170.78%	
32) IS3_1,4-Dichlorobenzen...	6.351	152	97575	4.000 ug/ml	0.00
Standard Area 2 = 59091			Recovery =	165.13%	
35) IS1_Naphthalene-d8	7.790	136	367413	4.000 ug/ml	# 0.00
Standard Area 1 = 230532			Recovery =	159.38%	
55) IS2_Naphthalene-d8	7.790	136	367413	4.000 ug/ml	# 0.00
Standard Area 3 = 214914			Recovery =	170.96%	
63) IS1_Acenaphthene-d10	9.550	164	227741	4.000 ug/ml	0.00
Standard Area 1 = 140631			Recovery =	161.94%	
83) IS2_Acenaphthene-d10	9.550	164	227741	4.000 ug/ml	0.00
Standard Area 3 = 134336			Recovery =	169.53%	
86) IS3_Acenaphthene-d10	9.550	164	227741	4.000 ug/ml	0.00
Standard Area 2 = 132555			Recovery =	171.81%	
88) IS1_Phenanthrene-d10	10.988	188	453536	4.000 ug/ml	# 0.00
Standard Area 1 = 279147			Recovery =	162.47%	
100) IS3_Phenanthrene-d10	10.988	188	453536	4.000 ug/ml	# 0.00
Standard Area 2 = 278241			Recovery =	163.00%	
104) IS1_Chrysene-d12	13.617	240	464174	4.000 ug/ml	0.00
Standard Area 1 = 296814			Recovery =	156.39%	
113) IS1_Perylene-d12	15.079	264	488339	4.000 ug/ml	0.00
Standard Area 1 = 301762			Recovery =	161.83%	

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
4) 2-Fluorophenol	4.377	112	25351	0.921 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	46.05%	
7) Phenol-d6	5.985	99	22289	0.691 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	34.55%	
19) Nitrobenzene-d5	7.017	82	25685	0.961 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	96.10%	
46) 2-Fluorobiphenyl	8.911	172	75803	0.894 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery =	89.40%	
79) 2,4,6-Tribromophenol	10.321	330	19610	1.675 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery =	83.75%	

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-3.D
Acq On    : 13 Mar 2025   2:13 pm
Operator  : SV106:jg
Sample    : WG2038207-3,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 13 17:48:48 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
             : 2 - I:\8270\SV106\250313RVT\ADP0313.D
             : 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
96) 4-Terphenyl-d14	12.576	244	104904	0.892 ug/ml	0.00

Spiked Amount 1.000 Range 30 - 130 Recovery = 89.20%

Target Compounds

Compound	R.T.	QIon	Response	Conc Units	Qvalue
6) 2-Chlorophenol	6.087	128	44660	1.503 ug/ml	93
8) Phenol	6.002	94	25205	0.708 ug/ml	99
9) Bis(2-chloroethyl)ether	6.079	93	50629	1.790 ug/ml#	80
10) 1,3-Dichlorobenzene	6.274	146	48798	1.299 ug/ml	97
11) 1,4-Dichlorobenzene	6.376	146	50989	1.328 ug/ml	99
12) 1,2-Dichlorobenzene	6.554	146	50073	1.377 ug/ml	96
13) Benzyl alcohol	6.571	79	33499	1.509 ug/ml	97
14) Bis(2-chloroisopropyl)...	6.747	45	127935	1.940 ug/ml#	81
15) 2-Methylphenol	6.739	108	41118	1.314 ug/ml	92
16) Hexachloroethane	6.942	117	16552	1.242 ug/ml#	60
17) n-Nitrosodi-n-propylamine	6.897	70	39251	1.883 ug/ml	94
18) 3-Methylphenol/4-Methy...	6.927	108	36622	1.352 ug/ml	97
20) Nitrobenzene	7.040	77	48844	1.791 ug/ml	99
21) Isophorone	7.318	82	101652	1.815 ug/ml	99
22) 2-Nitrophenol	7.393	139	21596	1.739 ug/ml	89
23) 2,4-Dimethylphenol	7.498	107	34632	1.185 ug/ml	96
24) Bis(2-chloroethoxy)met...	7.595	93	67572	1.690 ug/ml	99
25) 2,4-Dichlorophenol	7.660	162	46376	1.672 ug/ml#	94
26) 1,2,4-Trichlorobenzene	7.739	180	47257	1.329 ug/ml	98
29) Acetophenone	6.860	105	80656	2.009 ug/ml#	90
36) Naphthalene	7.804	128	147314	1.504 ug/ml	99
37) Benzoic Acid	7.558	105	3186	0.398 ug/ml	91
38) 4-Chloroaniline	7.898	65	19614M3	1.623 ug/ml	
39) Hexachlorobutadiene	7.977	225	25306	1.130 ug/ml	98
40) p-Chloro-m-cresol	8.424	107	47089	1.577 ug/ml	96
41) 2-Methylnaphthalene	8.528	142	89759	1.532 ug/ml	95
43) Hexachlorocyclopentadiene	8.708	237	21936	0.796 ug/ml	97
44) 2,4,6-Trichlorophenol	8.828	196	37567	1.628 ug/ml	98
45) 2,4,5-Trichlorophenol	8.858	196	40360	1.724 ug/ml	99
47) 2-Chloronaphthalene	9.008	162	107744	1.551 ug/ml	98
48) 2-Nitroaniline	9.120	138	29774	1.950 ug/ml	88
51) Dimethyl phthalate	9.329	163	150450	1.803 ug/ml#	99
52) Acenaphthylene	9.403	152	181406	1.644 ug/ml	98

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-3.D
Acq On    : 13 Mar 2025   2:13 pm
Operator  : SV106:jg
Sample    : WG2038207-3,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 13 17:48:48 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
             : 2 - I:\8270\SV106\250313RVT\ADP0313.D
             : 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2,6-Dinitrotoluene	9.371	165	28205	2.037	ug/ml#	78
61) 1,2,4,5-Tetrachloroben...	8.701	216	54504	1.478	ug/ml	98
62) Biphenyl	9.000	154	134839	1.658	ug/ml	97
64) 3-Nitroaniline	9.519	138	27178	1.892	ug/ml#	91
65) Acenaphthene	9.582	154	99801	1.591	ug/ml	89
66) 2,4-Dinitrophenol	9.624	184	7234	1.082	ug/ml	90
67) Dibenzofuran	9.751	168	176103	1.616	ug/ml	97
68) 2,4-Dinitrotoluene	9.761	165	33488	1.782	ug/ml#	85
69) 4-Nitrophenol	9.719	65	10660	0.973	ug/ml#	35
72) Diethyl phthalate	10.025	149	144435	1.867	ug/ml	99
73) Fluorene	10.082	166	138635	1.727	ug/ml	95
74) 4-Chlorophenyl phenyl ...	10.110	204	69474	1.654	ug/ml#	87
75) 4-Nitroaniline	10.110	138	28734	2.056	ug/ml	87
76) 4,6-Dinitro-o-cresol	10.152	198	15885	1.643	ug/ml#	67
77) NDPA/DPA	10.223	169	119198	1.781	ug/ml	93
80) 4-Bromophenyl phenyl e...	10.579	248	42751	1.621	ug/ml#	84
81) Hexachlorobenzene	10.624	284	52703	1.705	ug/ml#	82
82) Pentachlorophenol	10.821	266	25882	1.610	ug/ml	97
89) Phenanthrene	11.010	178	229062	1.779	ug/ml	98
90) Anthracene	11.056	178	225865	1.799	ug/ml	100
91) Carbazole	11.230	167	209455	1.868	ug/ml	98
92) Di-n-butylphthalate	11.624	149	270092	2.134	ug/ml#	96
93) Fluoranthene	12.163	202	272900	1.855	ug/ml#	93
95) Pyrene	12.379	202	280533	1.821	ug/ml	100
97) Butyl benzyl phthalate	13.101	149	92863	1.865	ug/ml	91
105) Benzo(a)anthracene	13.609	228	277672	1.872	ug/ml	99
106) 3,3'-Dichlorobenzidine	13.609	252	94277	1.894	ug/ml#	97
107) Chrysene	13.641	228	266759	1.814	ug/ml	99
108) Bis(2-ethylhexyl)phtha...	13.736	149	140807	1.789	ug/ml#	94
109) Di-n-octylphthalate	14.418	149	216192	1.817	ug/ml#	78
110) Benzo(b)fluoranthene	14.713	252	273750	1.795	ug/ml#	94
111) Benzo(k)fluoranthene	14.736	252	280214	1.976	ug/ml#	94
112) Benzo(a)pyrene	15.023	252	250891M3	1.869	ug/ml	
114) Indeno(1,2,3-cd)pyrene	16.046	276	251342M6	1.928	ug/mL	
115) Dibenzo(a,h)anthracene	16.069	278	251731	1.941	ug/ml#	89
116) Benzo(ghi)perylene	16.283	276	245308	1.918	ug/ml#	87

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-3.D
Acq On    : 13 Mar 2025   2:13 pm
Operator  : SV106:jg
Sample    : WG2038207-3,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 13 17:48:48 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\250313RVT\ABN0313.D
             : 2 - I:\8270\SV106\250313RVT\ADP0313.D
             : 3 - I:\8270\SV106\250313RVT\AP90313.D
Sub List     : 8270TCL_REV2 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-3.D
Acq On    : 13 Mar 2025   2:13 pm
Operator  : SV106:jg
Sample    : WG2038207-3,32,,gmr
Misc      : WG2040166,WG2038207,ical22075
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 13 17:48:48 2025
Quant Method : I:\8270\SV106\250313RVT\FS250311SV106.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 13 16:35:56 2025
Response via : Initial Calibration

Sub List     : 8270TCL_REV2 - TCL/CT/MARVT\AP90313.D•
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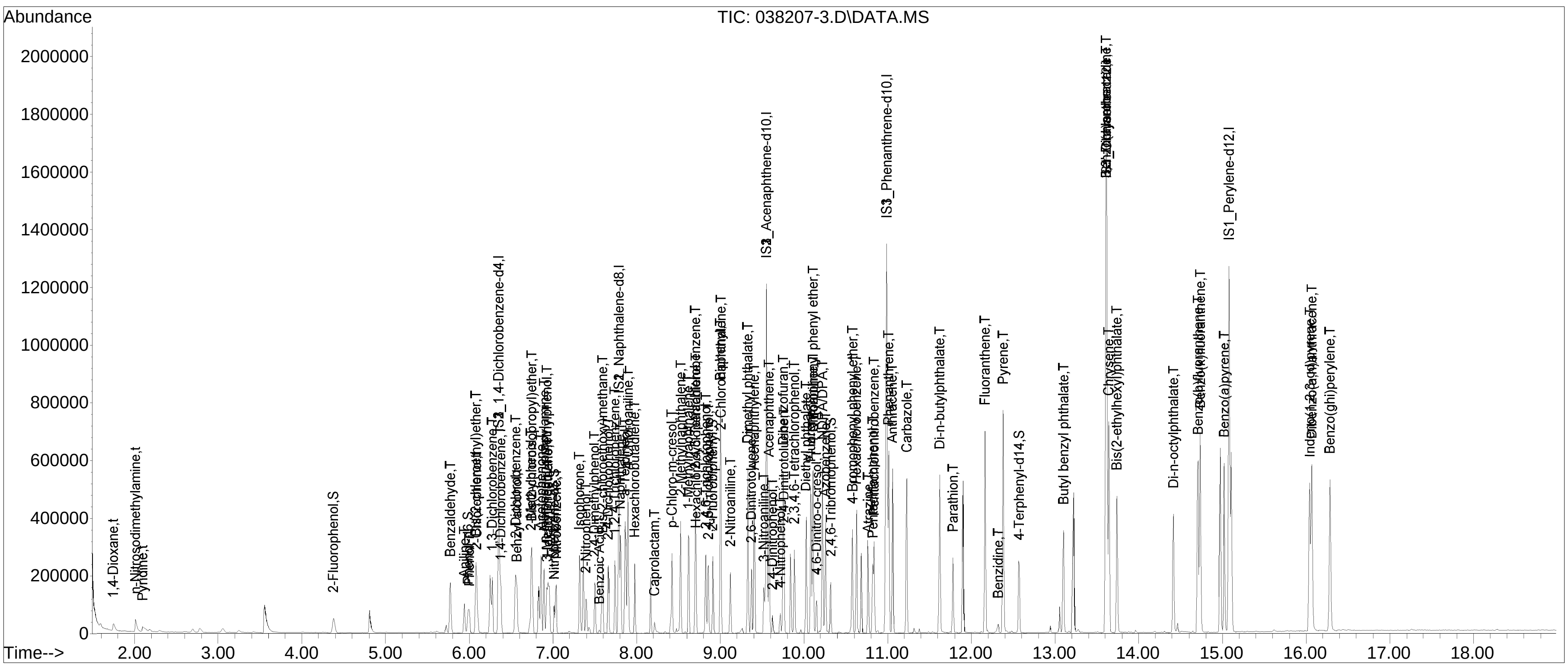
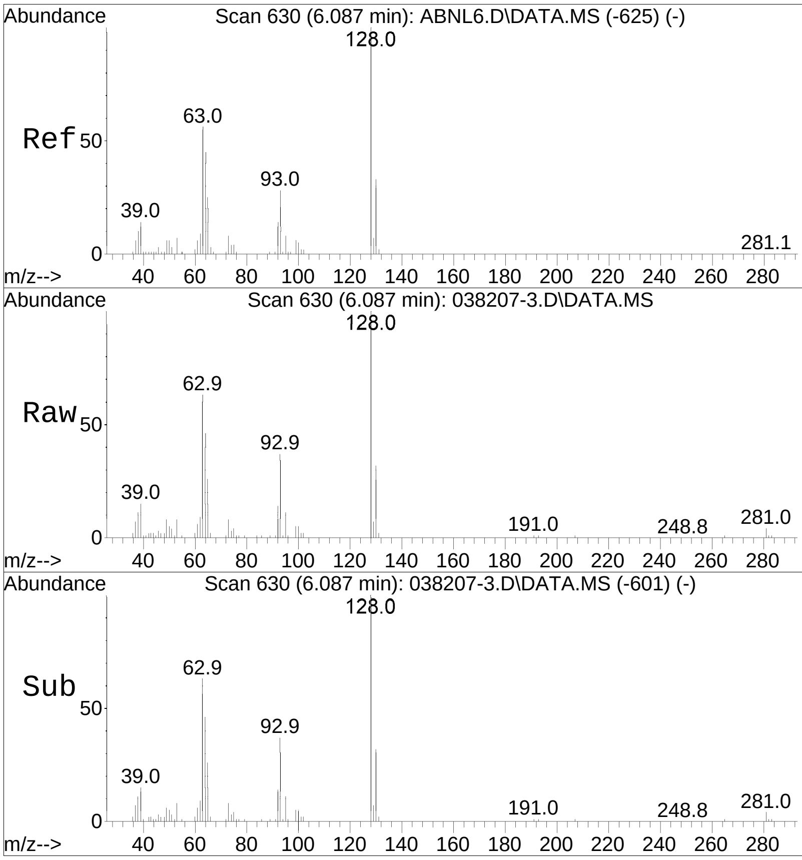
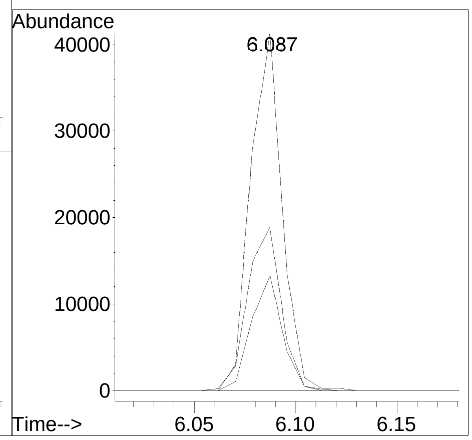


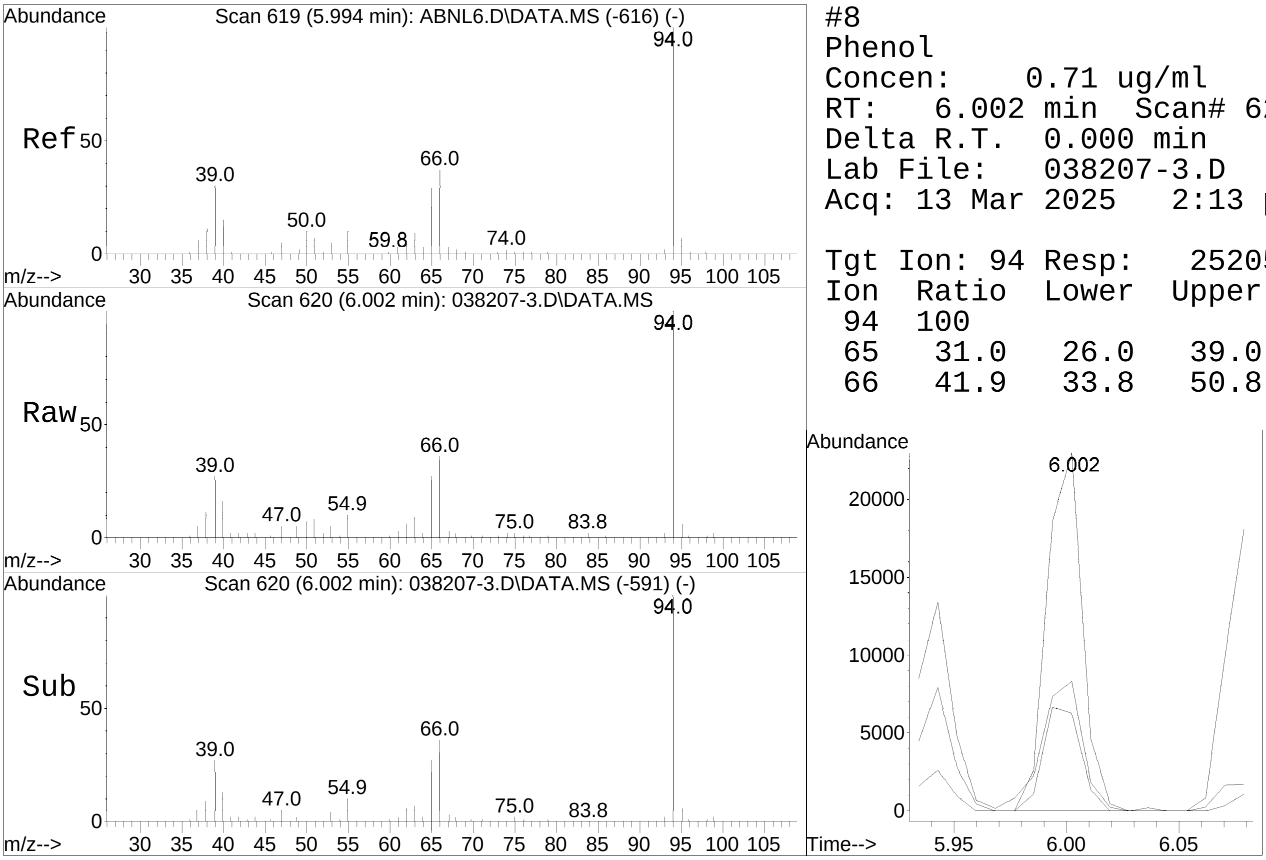


#6
2-Chlorophenol
Concen: 1.50 ug/ml
RT: 6.087 min Scan# 630
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:128 Resp: 44660

Ion	Ratio	Lower	Upper
128	100		
64	49.2	45.1	67.7
130	31.8	26.2	39.4

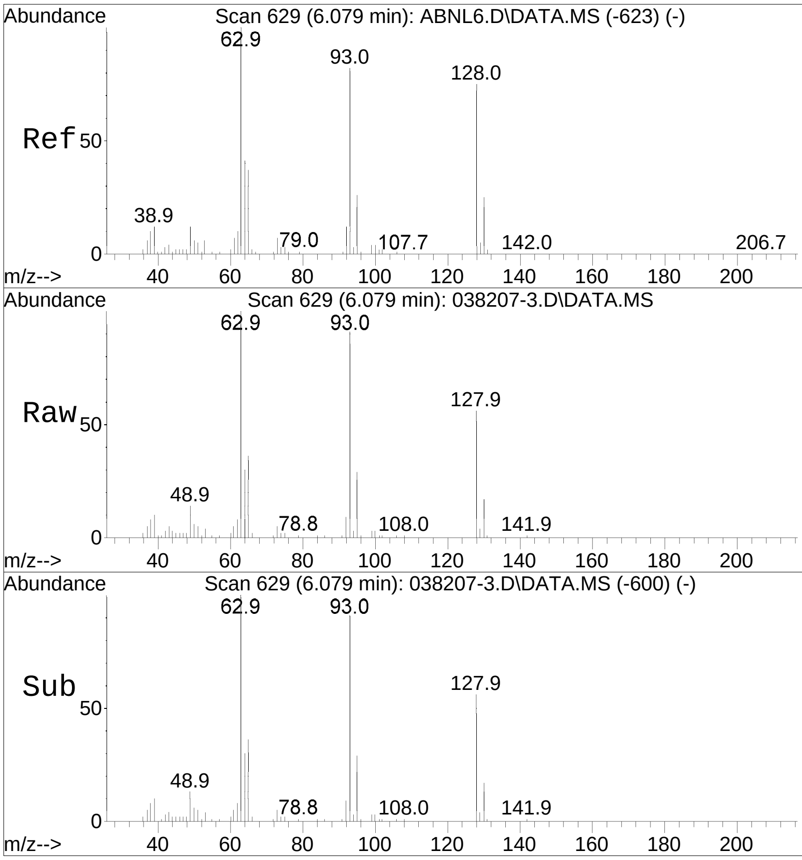




#8
Phenol
Concen: 0.71 ug/ml
RT: 6.002 min Scan# 620
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion: 94 Resp: 25205

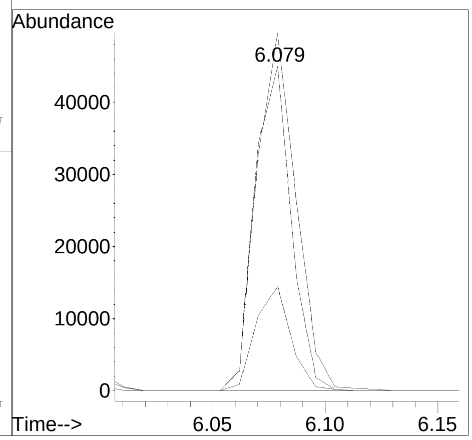
Ion	Ratio	Lower	Upper
94	100		
65	31.0	26.0	39.0
66	41.9	33.8	50.8

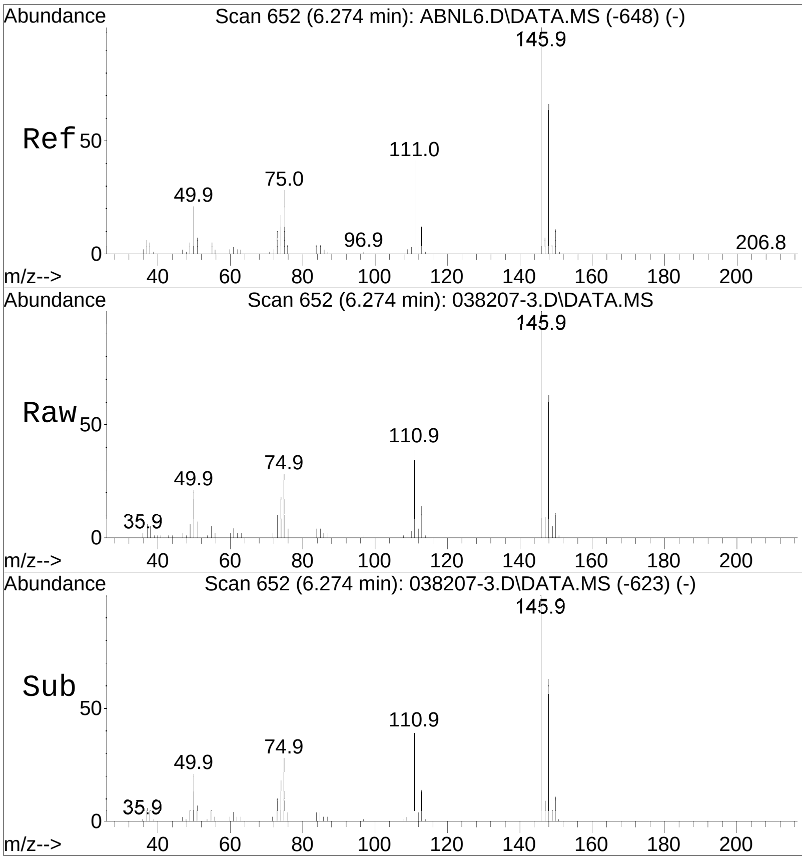


#9
Bis(2-chloroethyl)ether
Concen: 1.79 ug/ml
RT: 6.079 min Scan# 629
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion: 93 Resp: 50629

Ion	Ratio	Lower	Upper
93	100		
63	118.3	74.6	111.8#
95	31.2	25.9	38.9

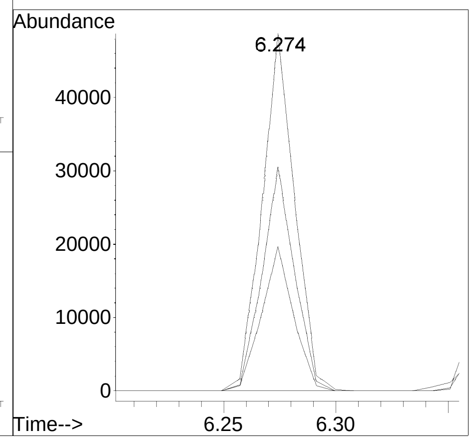


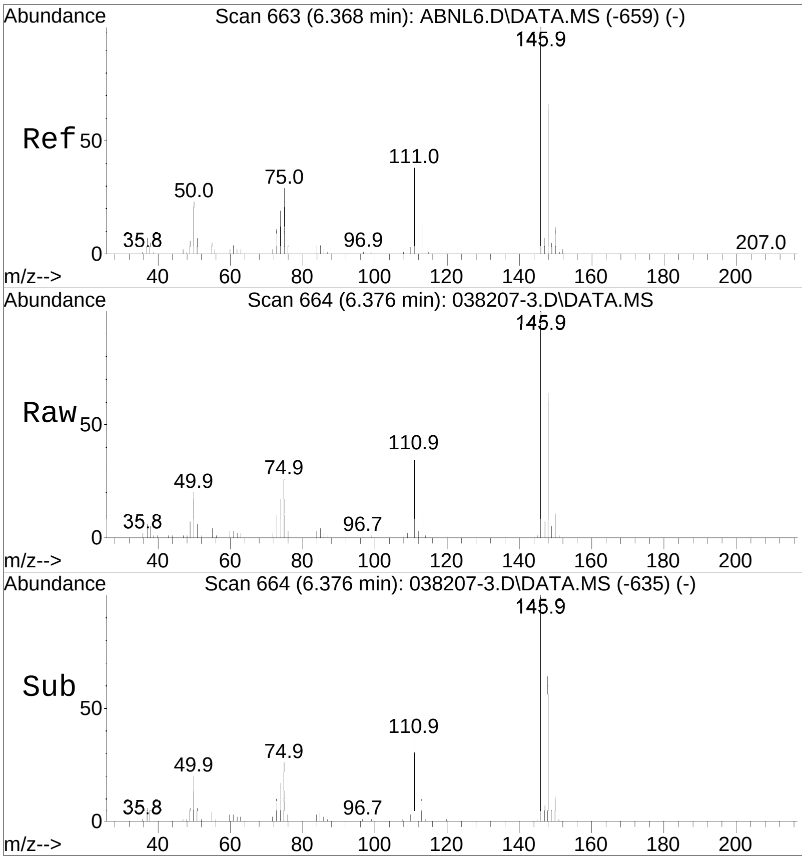


#10
1,3-Dichlorobenzene
Concen: 1.30 ug/ml
RT: 6.274 min Scan# 652
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:146 Resp: 48798

Ion	Ratio	Lower	Upper
146	100		
111	39.8	34.3	51.5
148	62.2	50.8	76.2

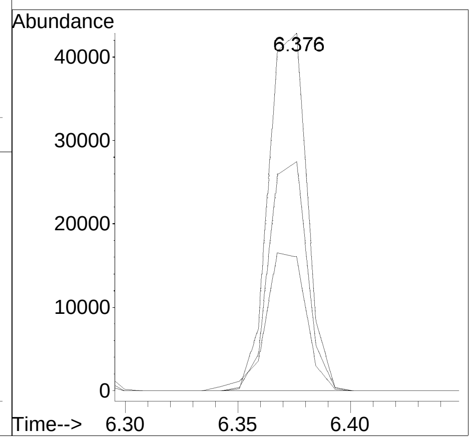


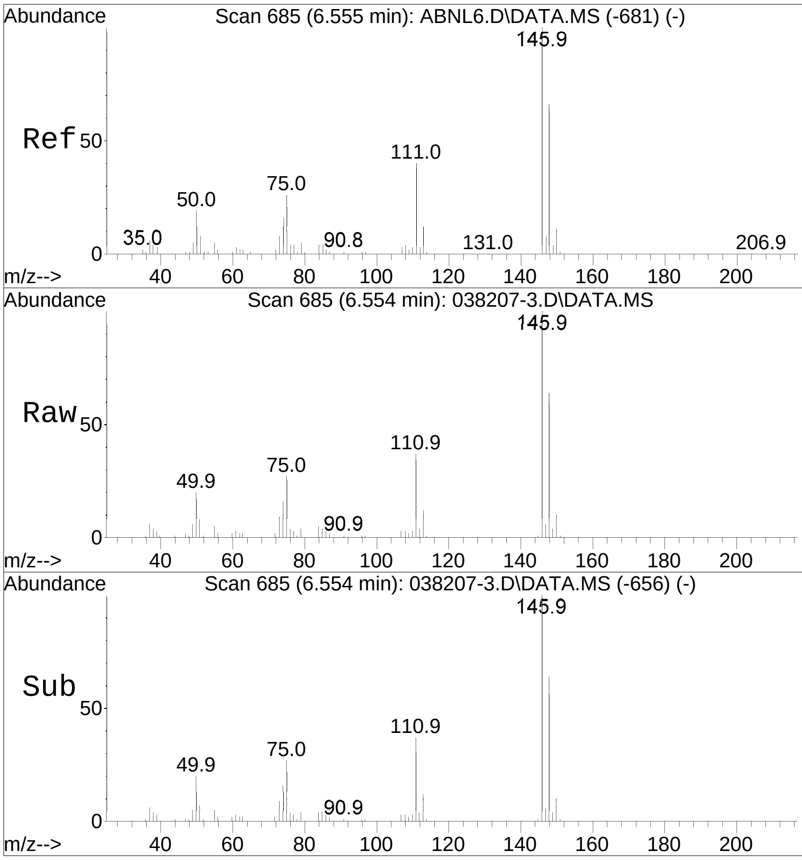


#11
1,4-Dichlorobenzene
Concen: 1.33 ug/ml
RT: 6.376 min Scan# 664
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:146 Resp: 50989

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
111	41.0	33.4	50.0

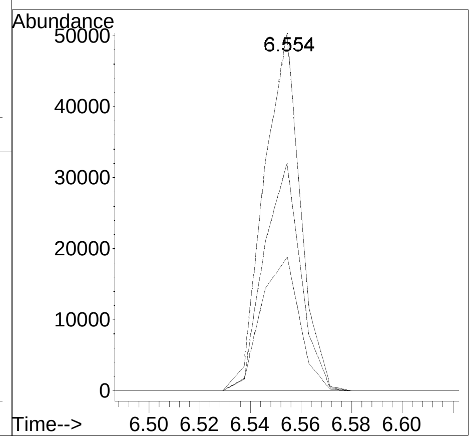


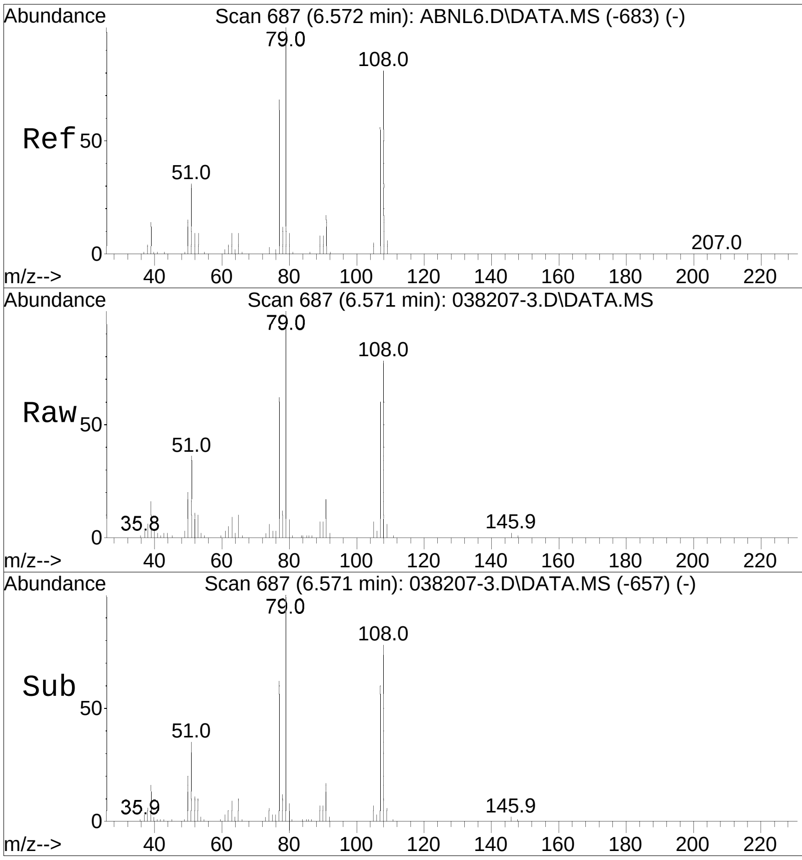


#12
1,2-Dichlorobenzene
Concen: 1.38 ug/ml
RT: 6.554 min Scan# 685
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:146 Resp: 50073

Ion	Ratio	Lower	Upper
146	100		
111	39.7	34.6	52.0
148	64.4	50.2	75.4

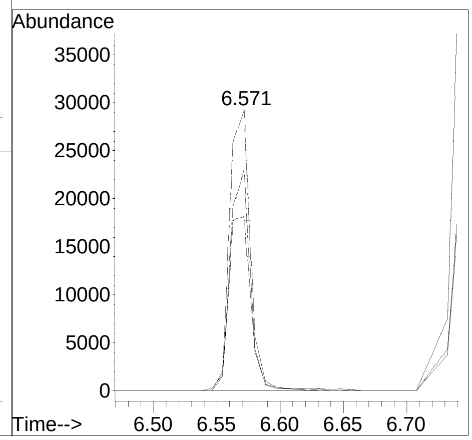


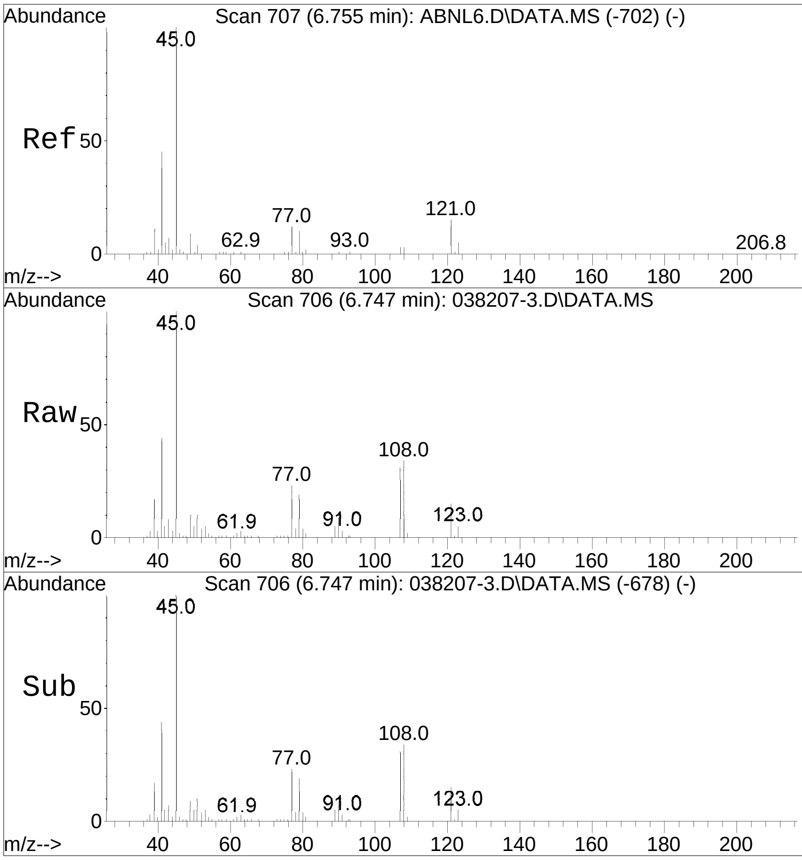


#13
Benzyl alcohol
Concen: 1.51 ug/ml
RT: 6.571 min Scan# 687
Delta R.T. 0.009 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion: 79 Resp: 33499

Ion	Ratio	Lower	Upper
79	100		
77	65.8	54.9	82.3
108	75.9	63.1	94.7

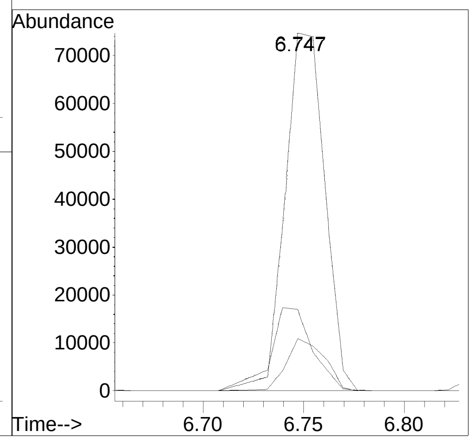


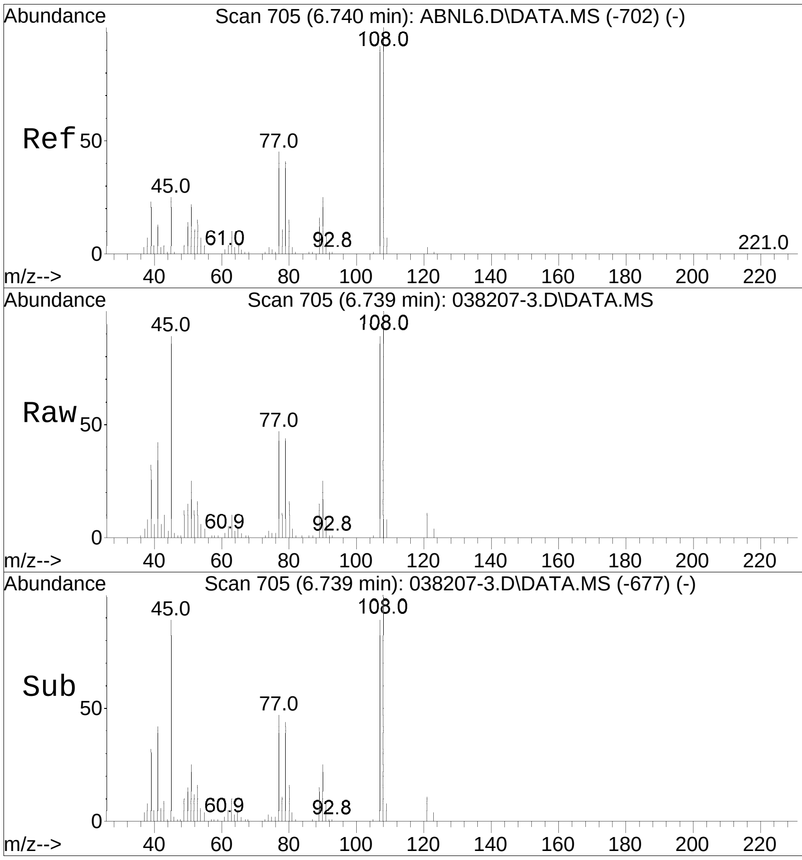


#14
Bis(2-chloroisopropyl)ether
Concen: 1.94 ug/ml
RT: 6.747 min Scan# 706
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion: 45 Resp: 127935

Ion	Ratio	Lower	Upper
45	100		
121	14.2	9.8	14.6
77	22.5	6.1	9.1#

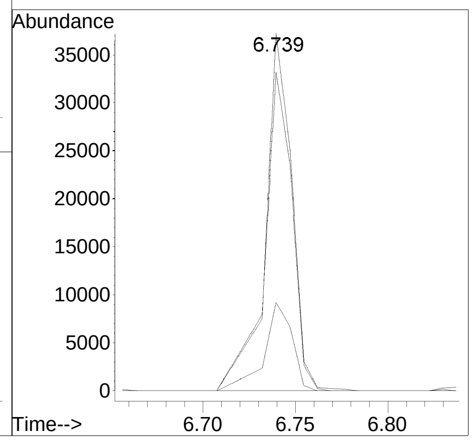


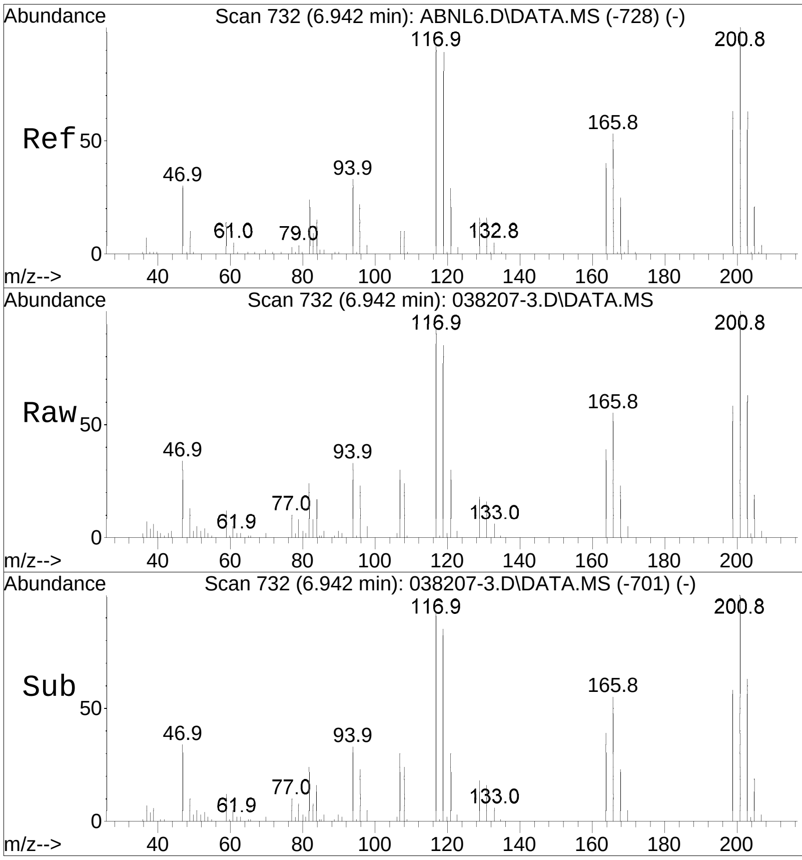


#15
2-Methylphenol
Concen: 1.31 ug/ml
RT: 6.739 min Scan# 705
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:108 Resp: 41118

Ion	Ratio	Lower	Upper
108	100		
107	96.2	70.7	106.1
90	27.7	18.7	28.1

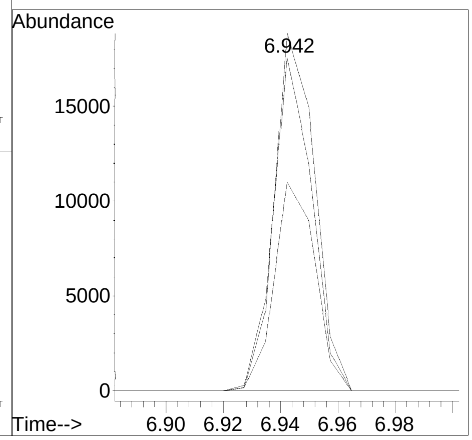


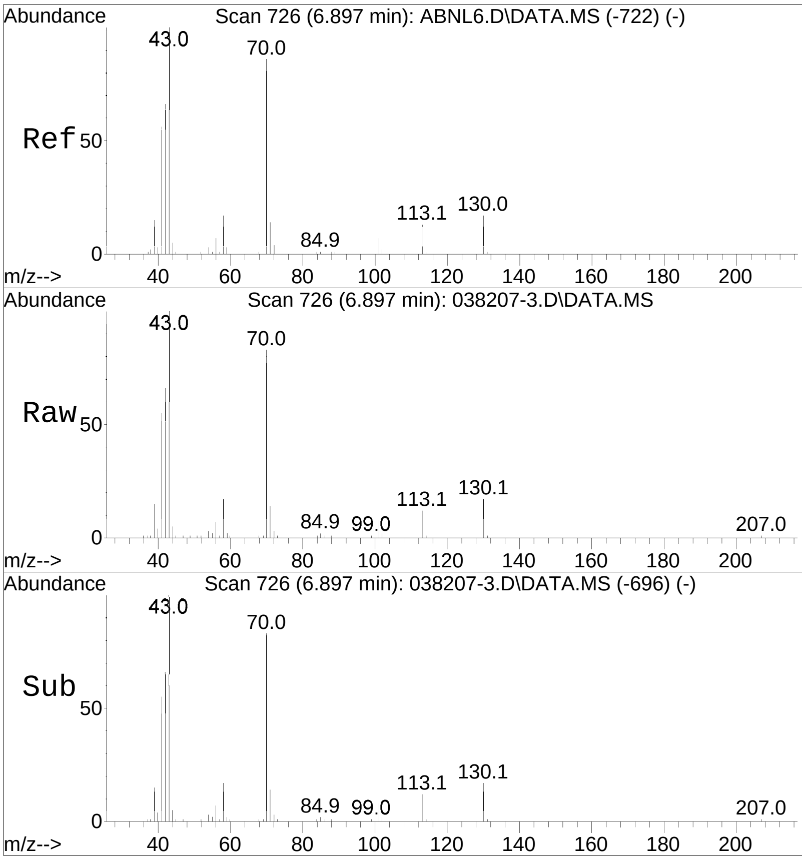


#16
Hexachloroethane
Concen: 1.24 ug/ml
RT: 6.942 min Scan# 732
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:117 Resp: 16552

Ion	Ratio	Lower	Upper
117	100		
201	111.7	58.6	87.8#
199	66.3	36.9	55.3#

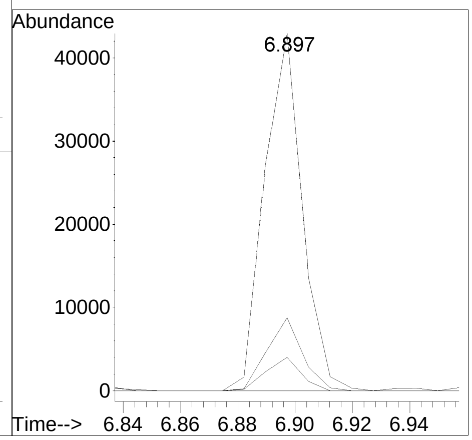


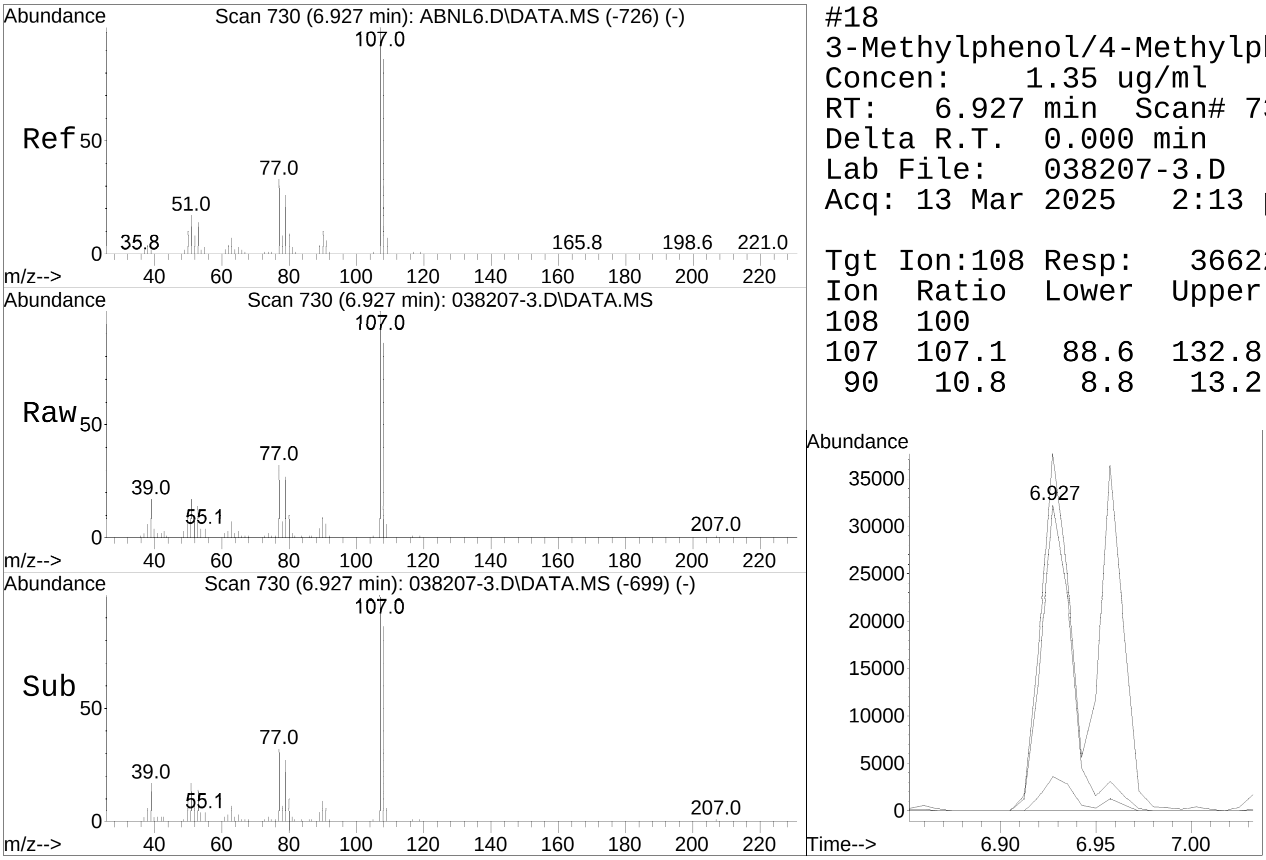


#17
n-Nitrosodi-n-propylamine
Concen: 1.88 ug/ml
RT: 6.897 min Scan# 726
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion: 70 Resp: 39251

Ion	Ratio	Lower	Upper
70	100		
130	19.3	18.2	27.4
101	8.7	7.8	11.8

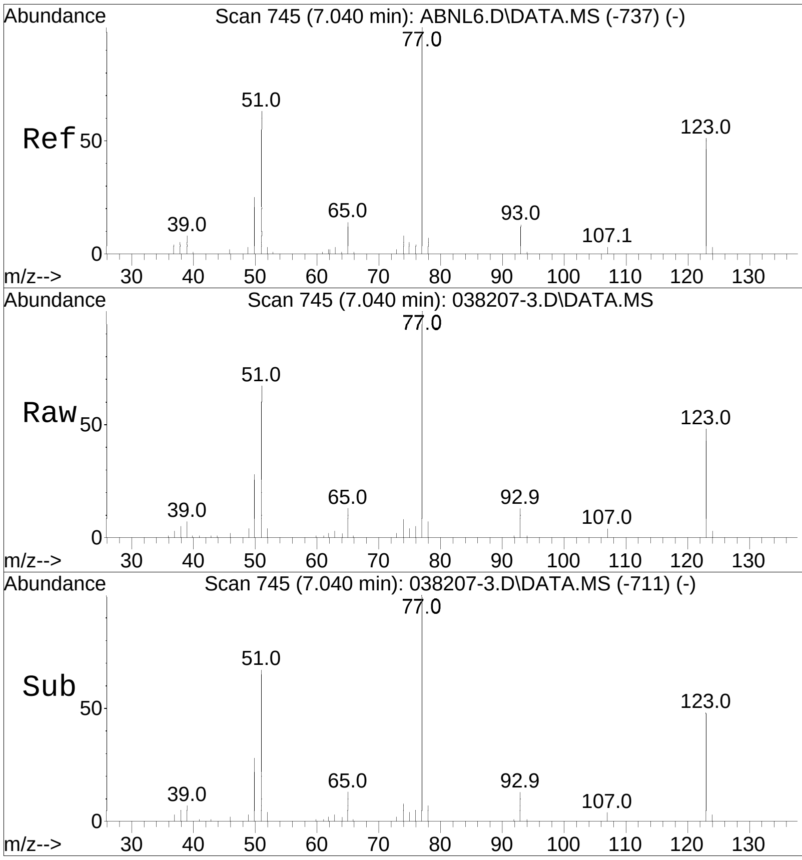




#18
3-Methylphenol/4-Methylphenol
Concen: 1.35 ug/ml
RT: 6.927 min Scan# 730
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:108 Resp: 36622

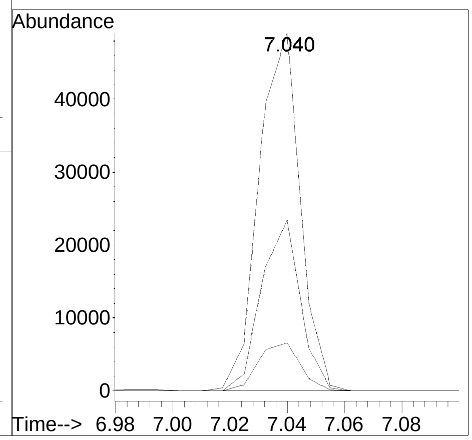
Ion	Ratio	Lower	Upper
108	100		
107	107.1	88.6	132.8
90	10.8	8.8	13.2

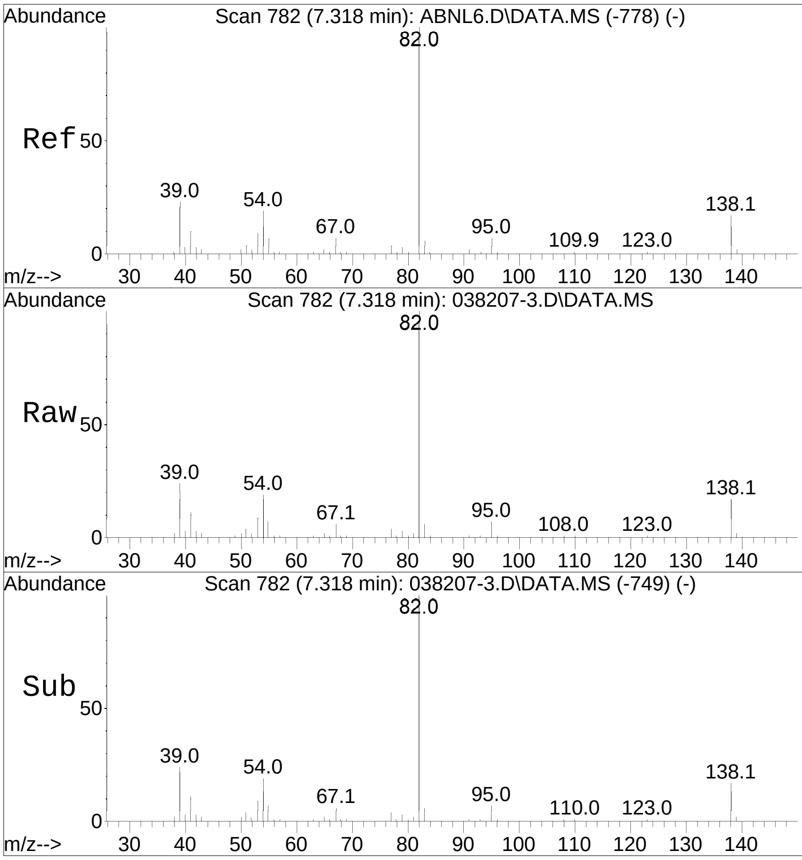


#20
Nitrobenzene
Concen: 1.79 ug/ml
RT: 7.040 min Scan# 745
Delta R.T. 0.008 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion: 77 Resp: 48844

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.3	54.5
65	13.8	11.6	17.4

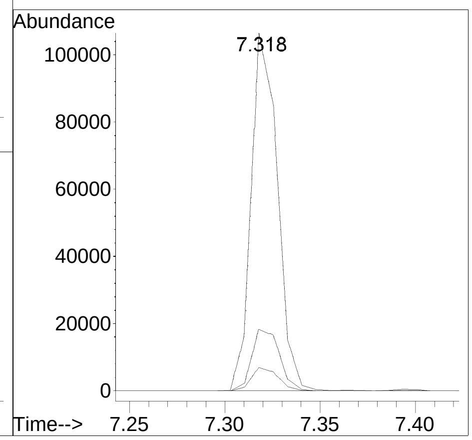


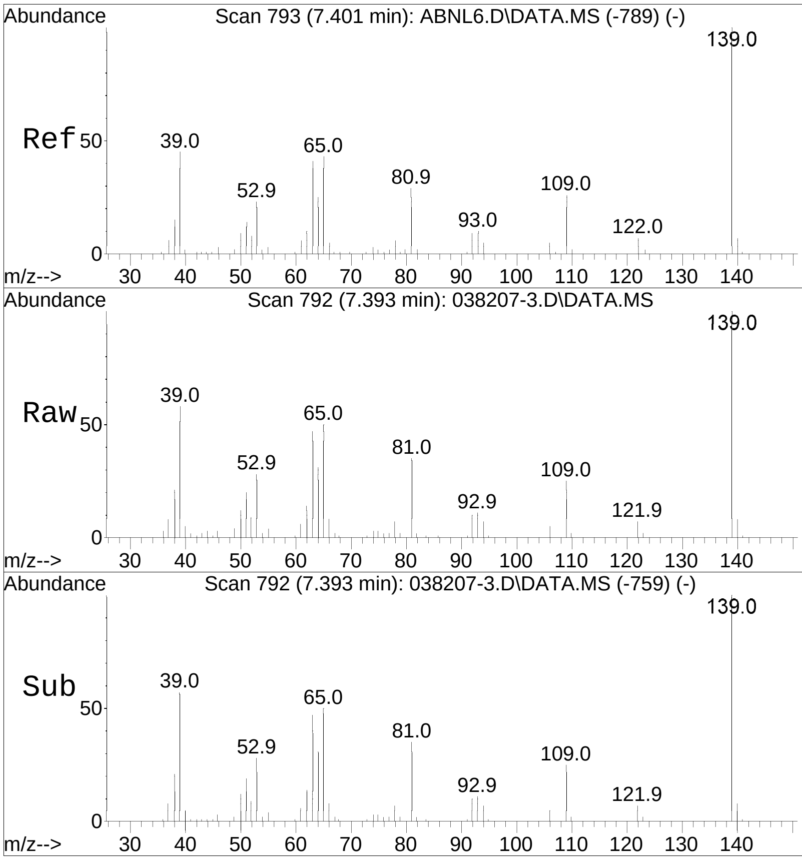


#21
Isophorone
Concen: 1.82 ug/ml
RT: 7.318 min Scan# 782
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion: 82 Resp: 101652

Ion	Ratio	Lower	Upper
82	100		
138	18.2	14.7	22.1
95	6.7	5.2	7.8

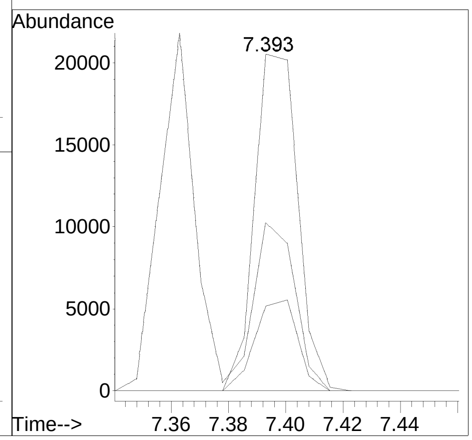


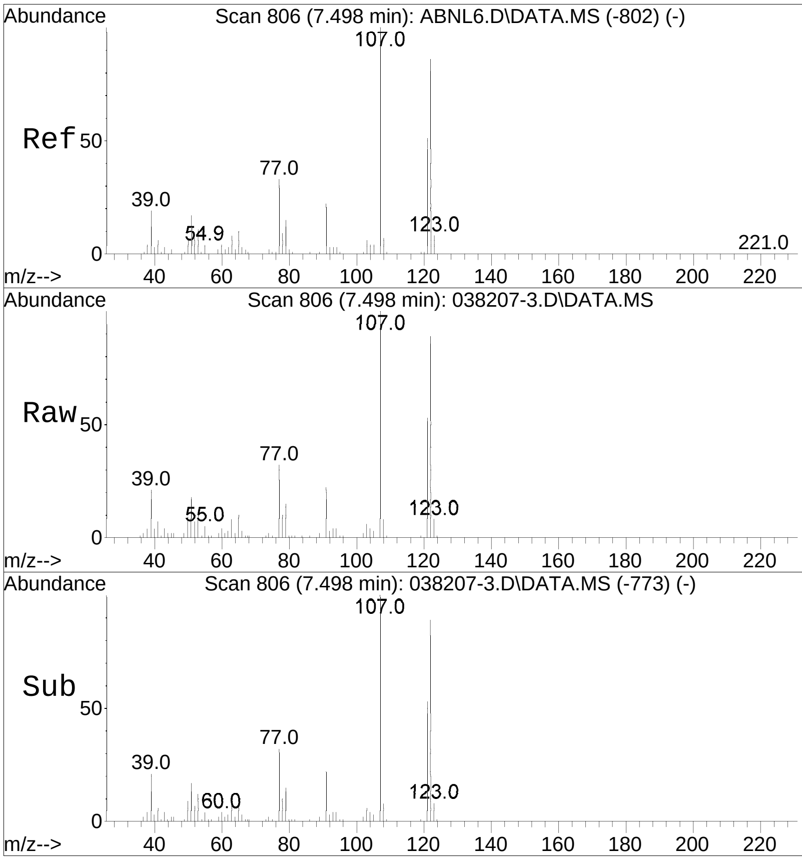


#22
2-Nitrophenol
Concen: 1.74 ug/ml
RT: 7.393 min Scan# 792
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:139 Resp: 21596

Ion	Ratio	Lower	Upper
139	100		
109	26.9	19.4	29.0
65	47.8	46.1	69.1

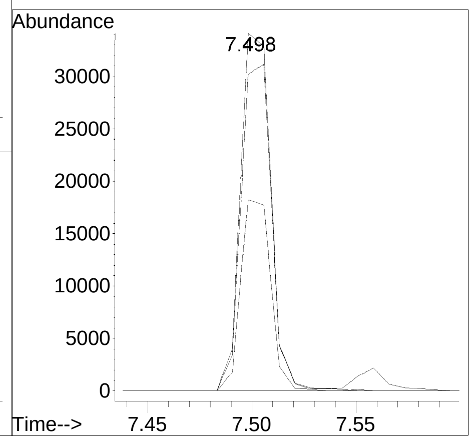


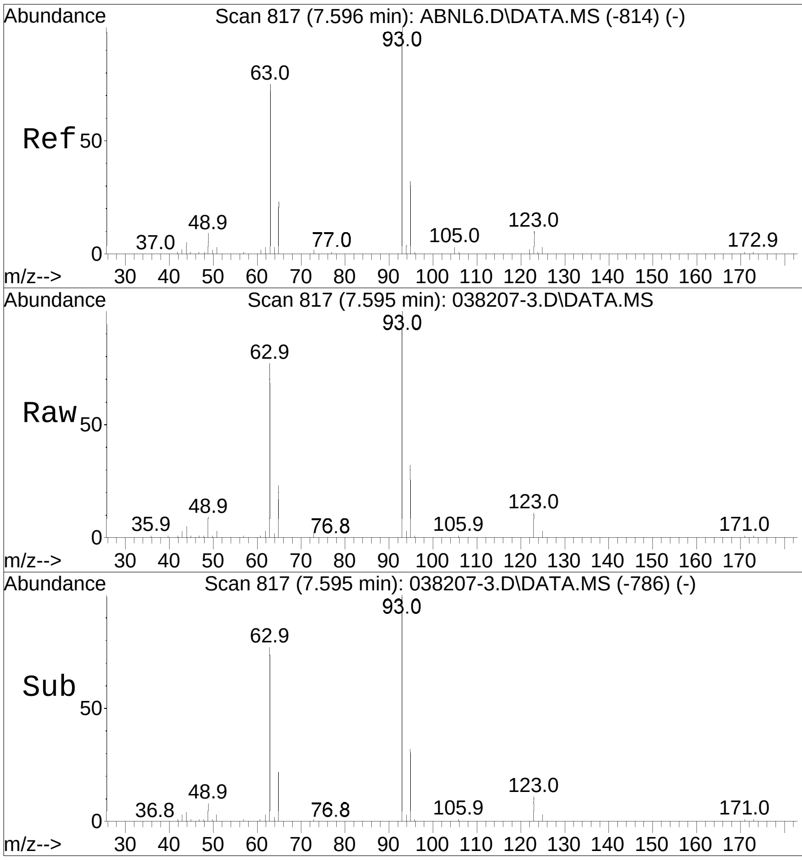


#23
2,4-Dimethylphenol
Concen: 1.18 ug/ml
RT: 7.498 min Scan# 806
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:107 Resp: 34632

Ion	Ratio	Lower	Upper
107	100		
121	52.6	40.0	60.0
122	91.3	70.2	105.4

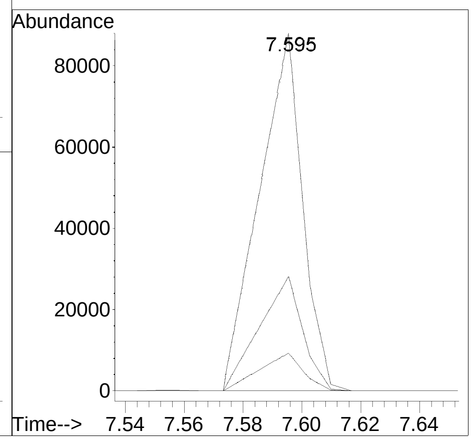


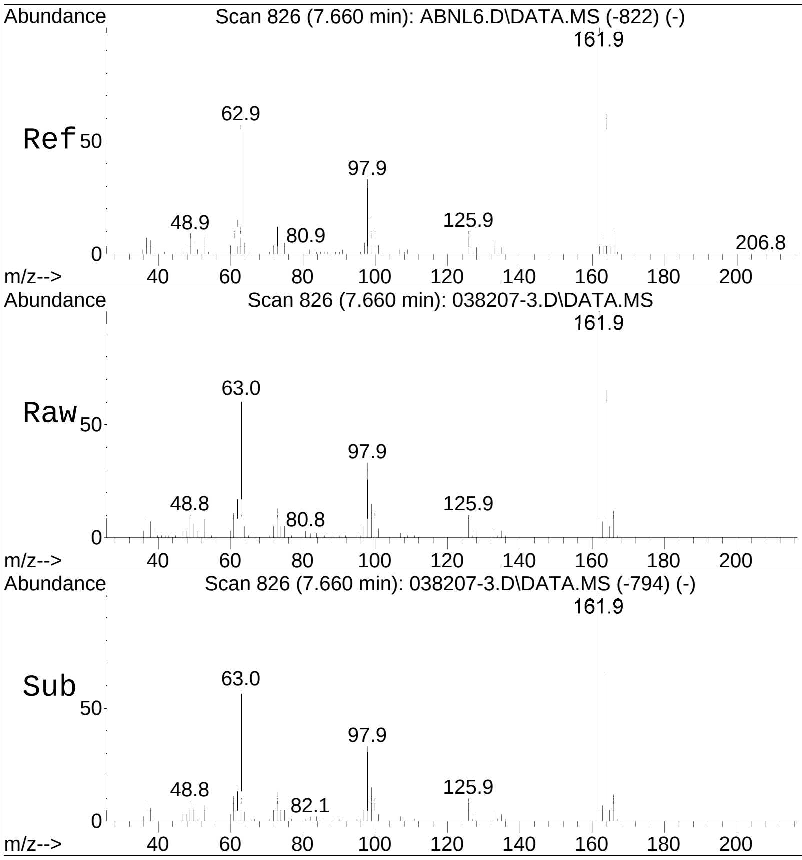


#24
Bis(2-chloroethoxy)methane
Concen: 1.69 ug/ml
RT: 7.595 min Scan# 817
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion: 93 Resp: 67572

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.8
123	10.9	10.1	15.1

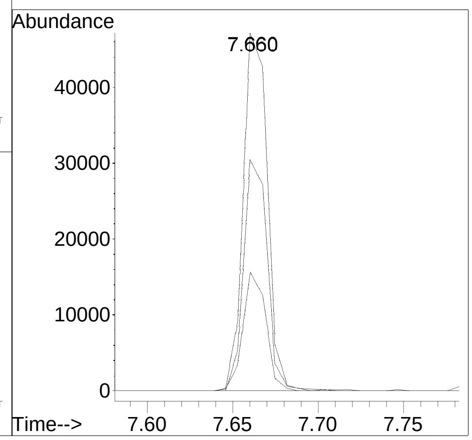


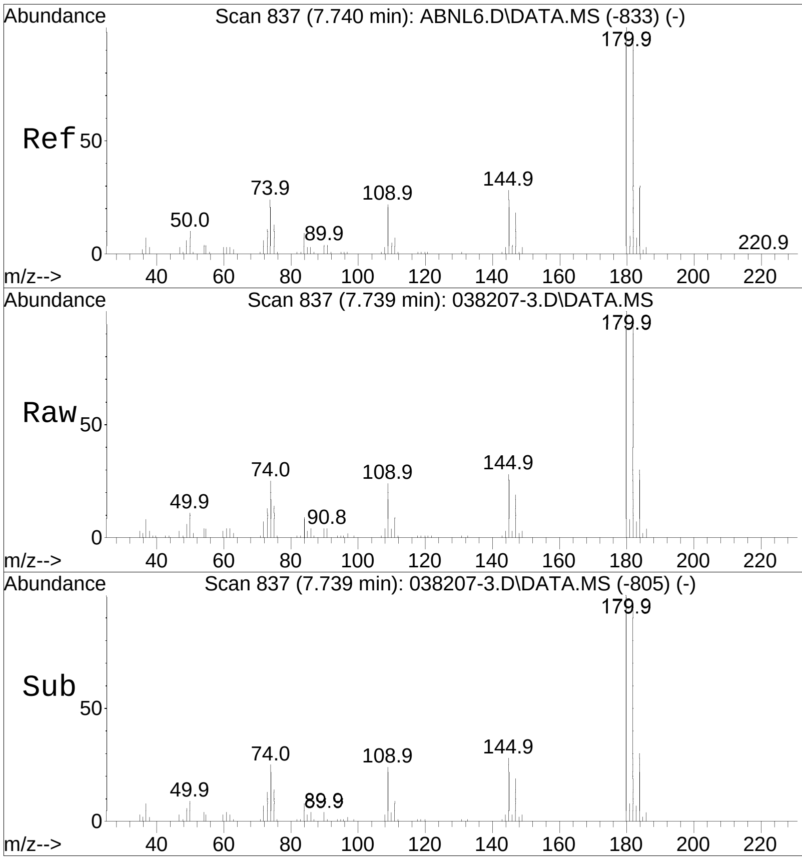


#25
2,4-Dichlorophenol
Concen: 1.67 ug/ml
RT: 7.660 min Scan# 826
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:162 Resp: 46376

Ion	Ratio	Lower	Upper
162	100		
164	63.1	51.0	76.4
98	31.6	32.2	48.2#

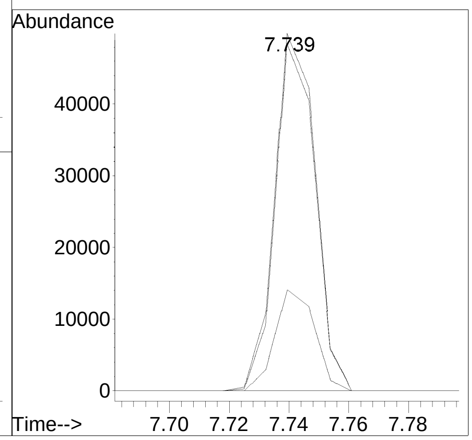


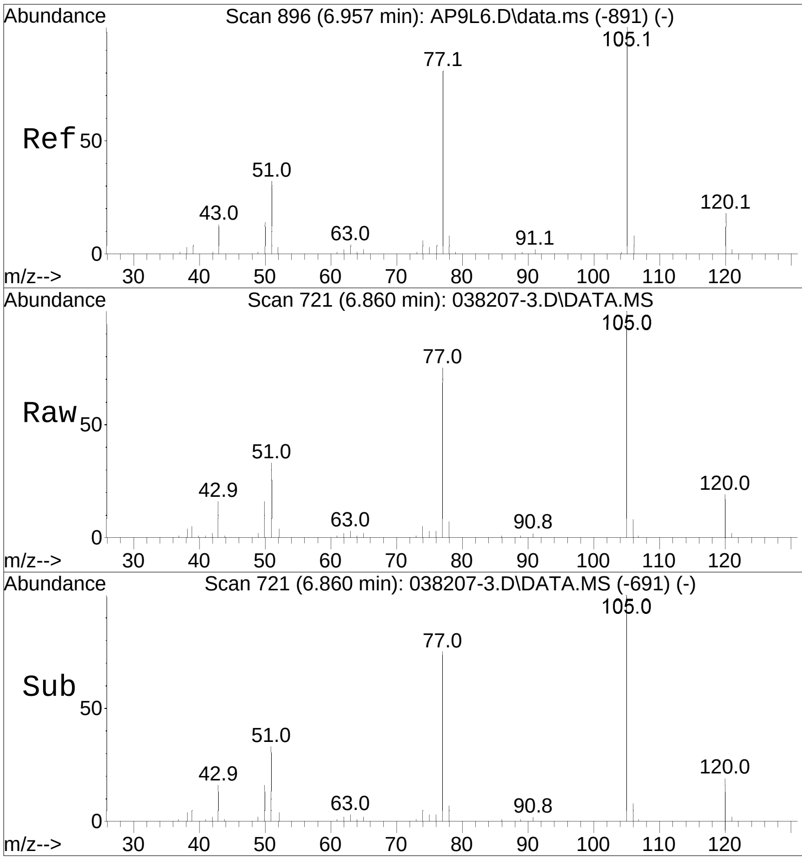


#26
1,2,4-Trichlorobenzene
Concen: 1.33 ug/ml
RT: 7.739 min Scan# 837
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:180 Resp: 47257

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.0	114.0
145	27.7	25.7	38.5

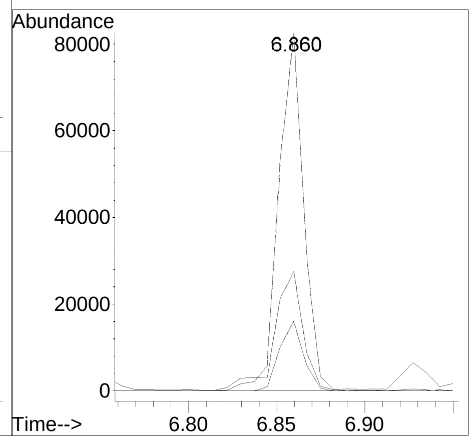


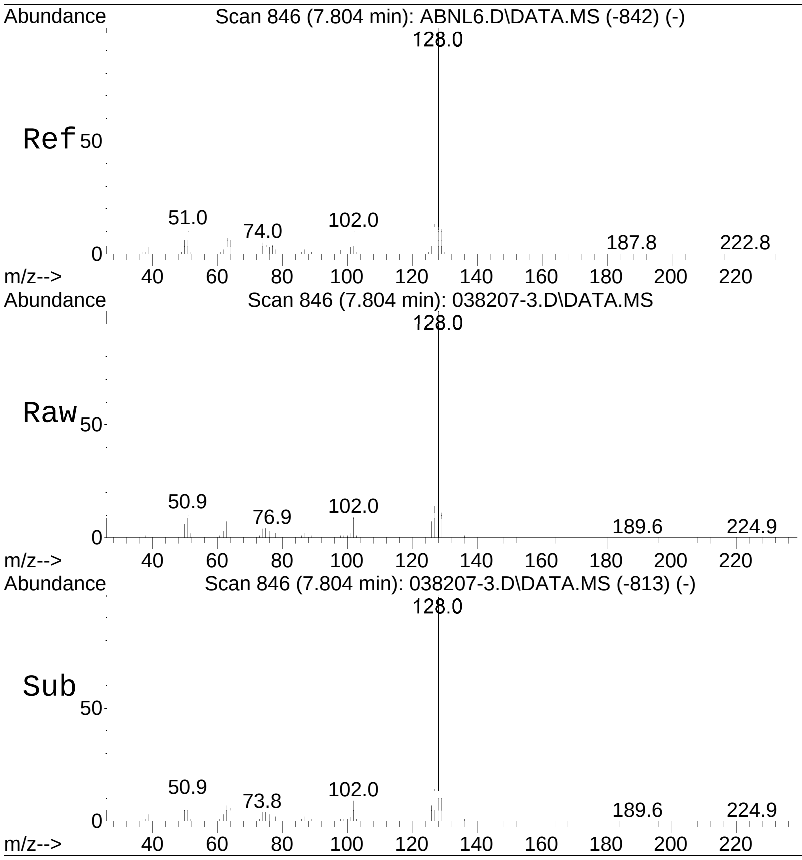


#29
Acetophenone
Concen: 2.01 ug/ml
RT: 6.860 min Scan# 721
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:105 Resp: 80656

Ion	Ratio	Lower	Upper
105	100		
120	18.8	20.5	30.7#
51	38.6	34.9	52.3

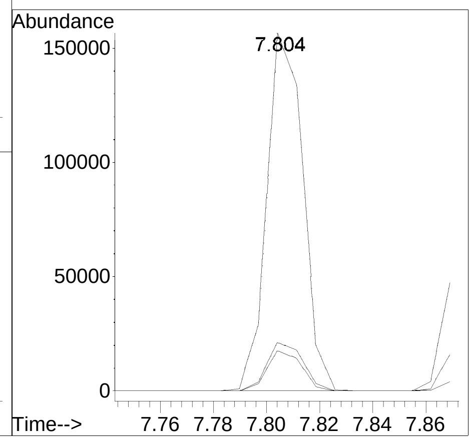


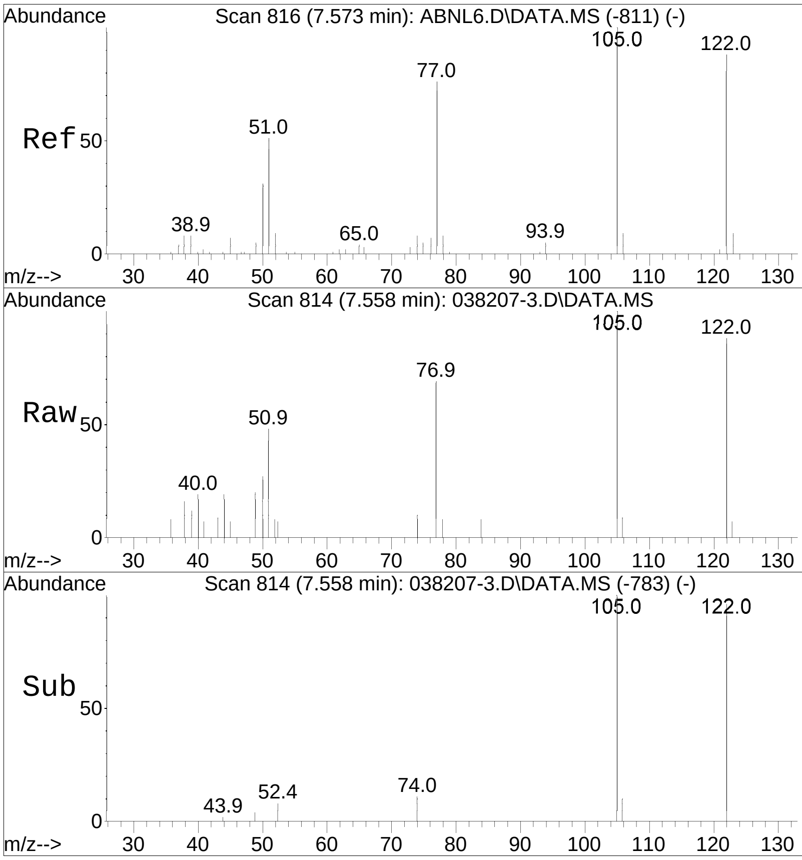


#36
Naphthalene
Concen: 1.50 ug/ml
RT: 7.804 min Scan# 846
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:128 Resp: 147314

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.6	10.3	15.5

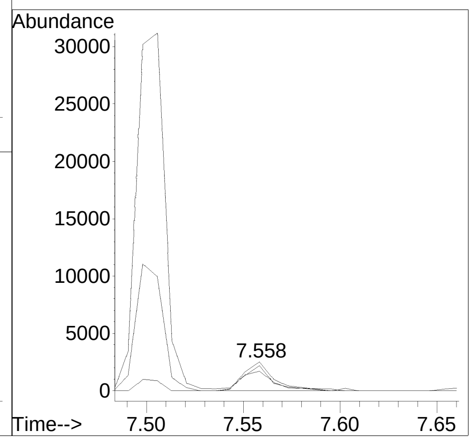


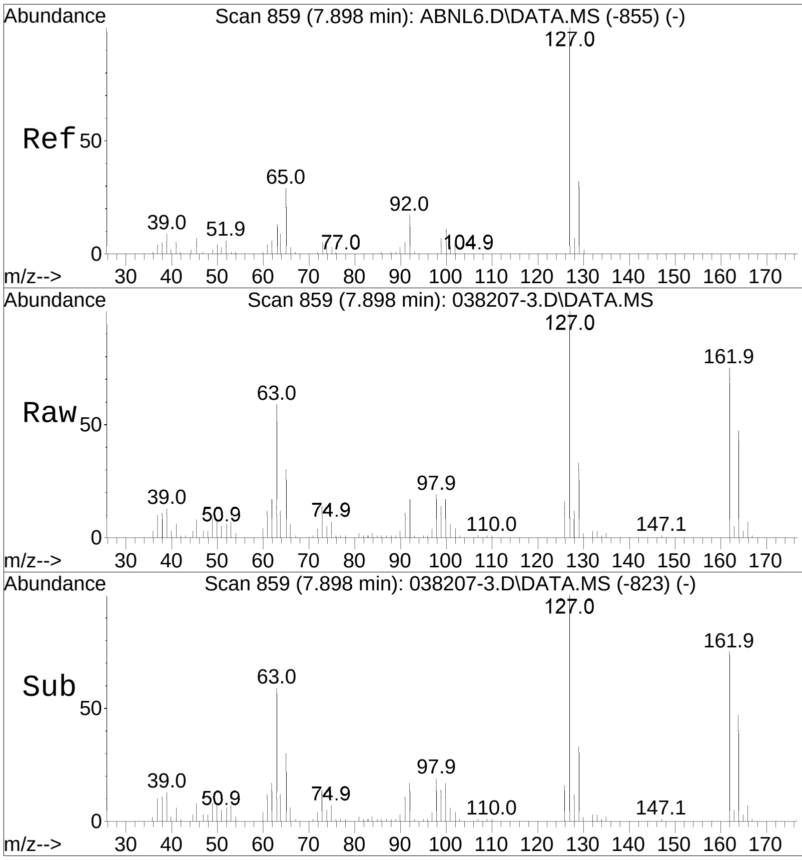


#37
Benzoic Acid
Concen: 0.40 ug/ml
RT: 7.558 min Scan# 814
Delta R.T. -0.015 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:105 Resp: 3186

Ion	Ratio	Lower	Upper
105	100		
122	86.6	59.9	89.9
77	78.6	60.1	90.1

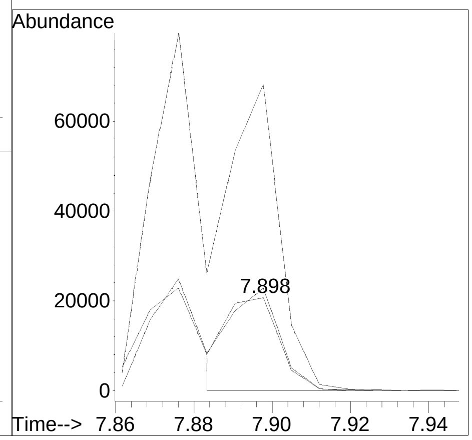


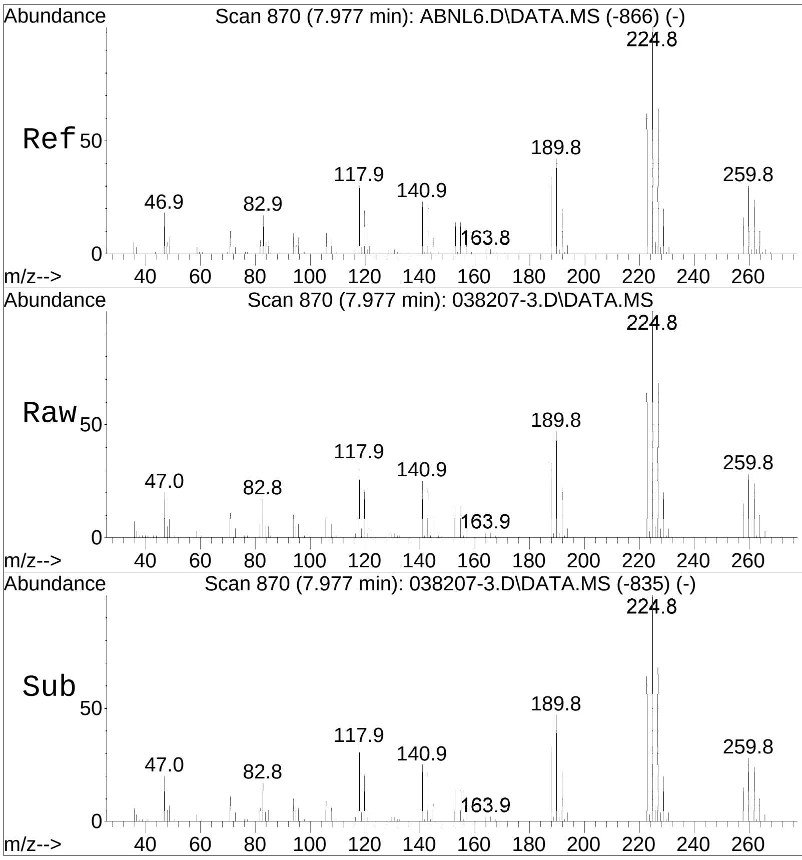


#38
4-Chloroaniline
Concen: 1.62 ug/ml M3
RT: 7.898 min Scan# 859
Delta R.T. 0.007 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion: 65 Resp: 19614

Ion	Ratio	Lower	Upper
65	100		
127	345.9	237.6	356.4
129	110.3	76.3	114.5

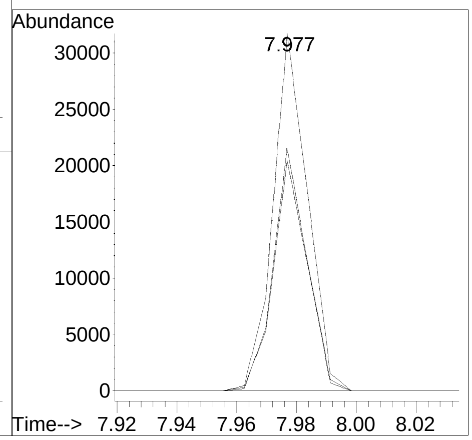


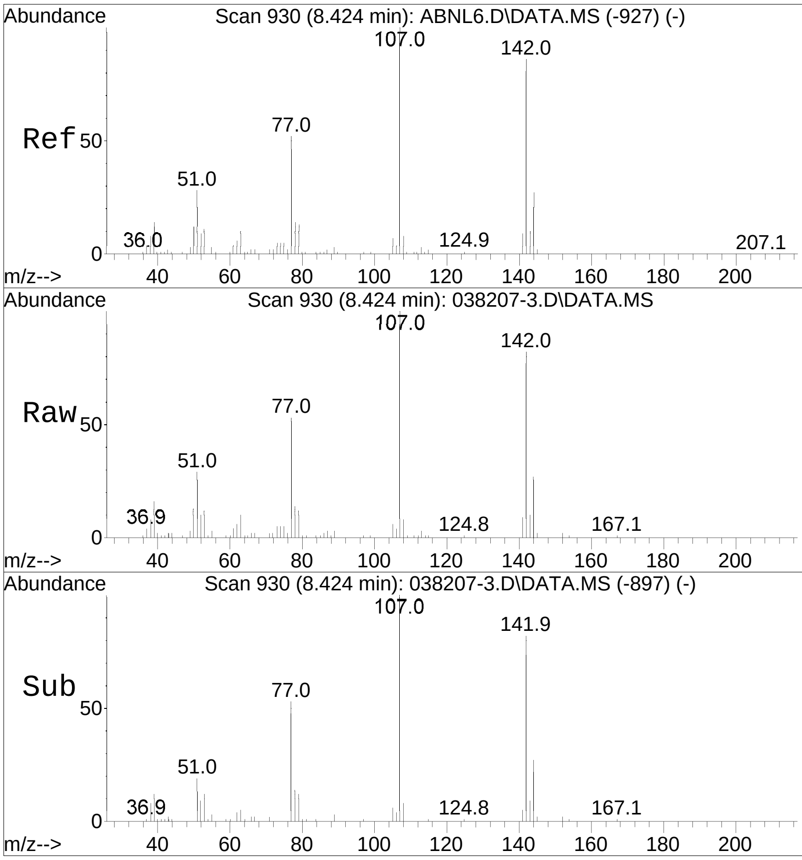


#39
Hexachlorobutadiene
Concen: 1.13 ug/ml
RT: 7.977 min Scan# 870
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:225 Resp: 25306

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.3	75.5
227	66.8	52.2	78.2

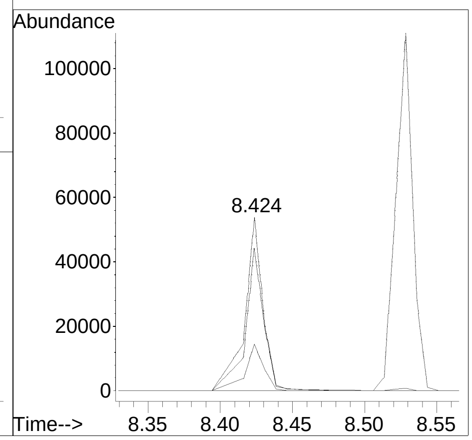


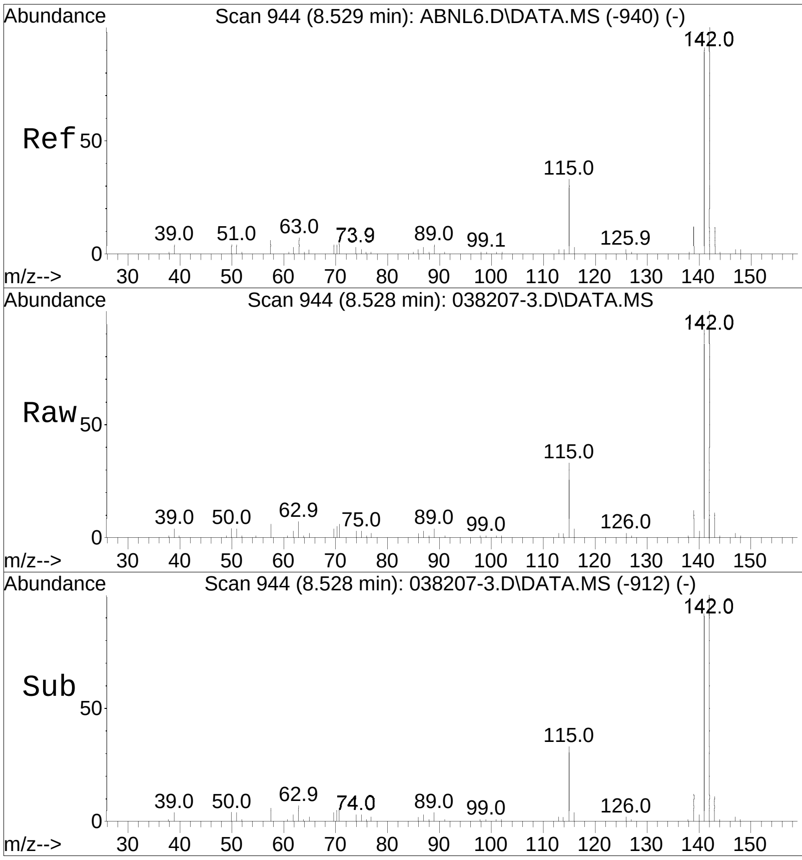


#40
p-Chloro-m-cresol
Concen: 1.58 ug/ml
RT: 8.424 min Scan# 930
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:107 Resp: 47089

Ion	Ratio	Lower	Upper
107	100		
144	30.2	20.9	31.3
142	85.6	66.1	99.1

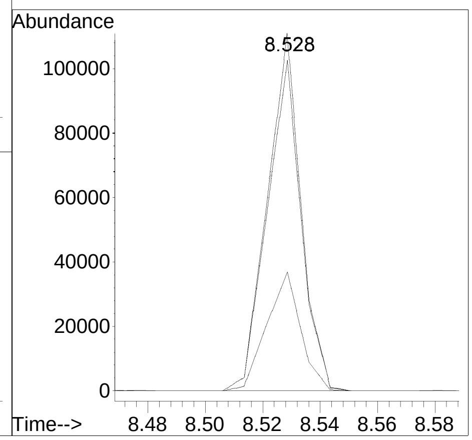


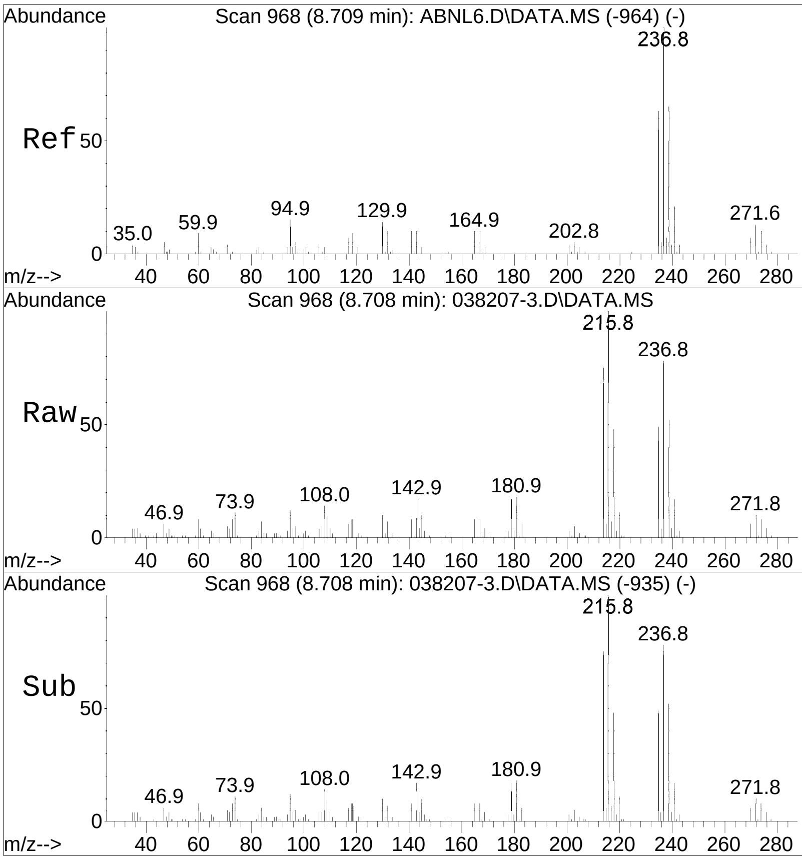


#41
2-Methylnaphthalene
Concen: 1.53 ug/ml
RT: 8.528 min Scan# 944
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:142 Resp: 89759

Ion	Ratio	Lower	Upper
142	100		
141	93.8	69.6	104.4
115	33.7	26.6	40.0

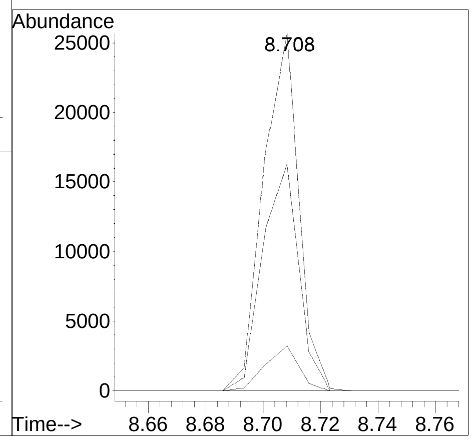


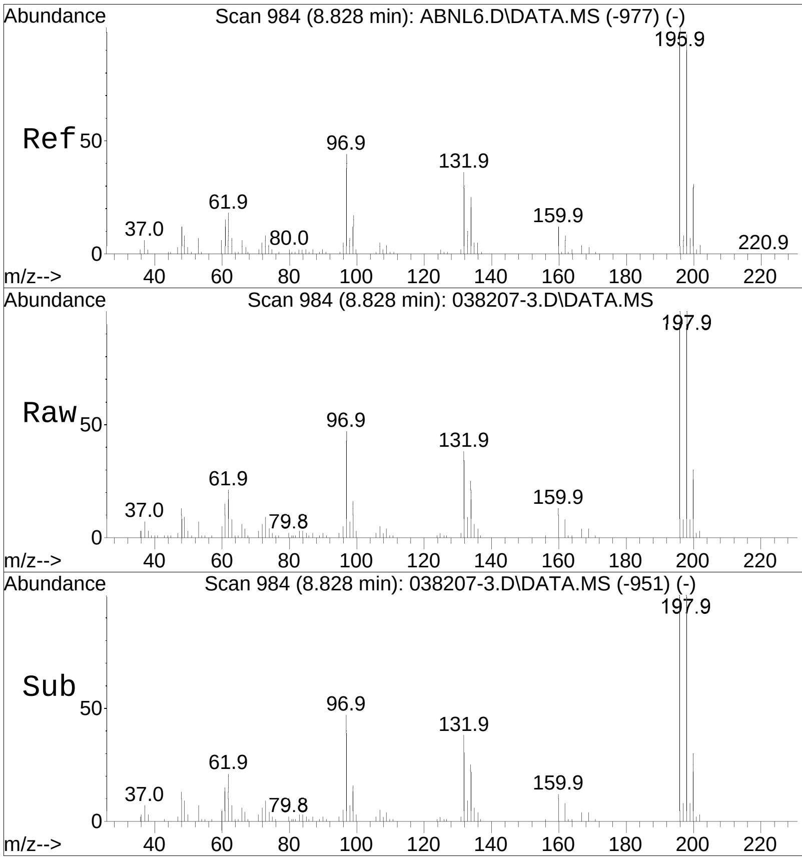


#43
Hexachlorocyclopentadiene
Concen: 0.80 ug/ml
RT: 8.708 min Scan# 968
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:237 Resp: 21936

Ion	Ratio	Lower	Upper
237	100		
235	65.0	49.7	74.5
272	12.1	9.8	14.6

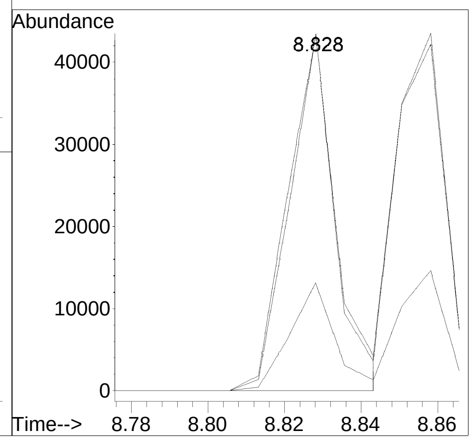


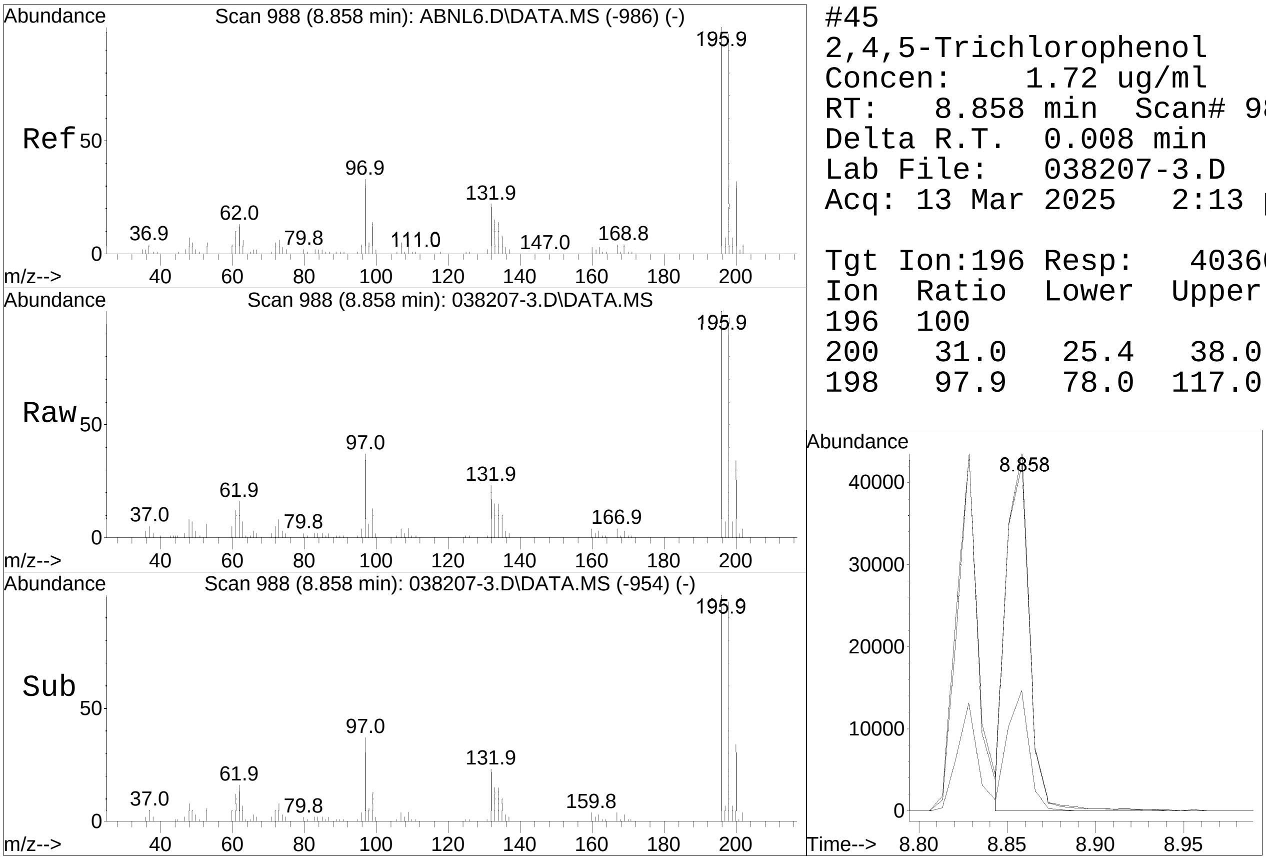


#44
2,4,6-Trichlorophenol
Concen: 1.63 ug/ml
RT: 8.828 min Scan# 984
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:196 Resp: 37567

Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.5	116.3
200	29.0	23.8	35.6

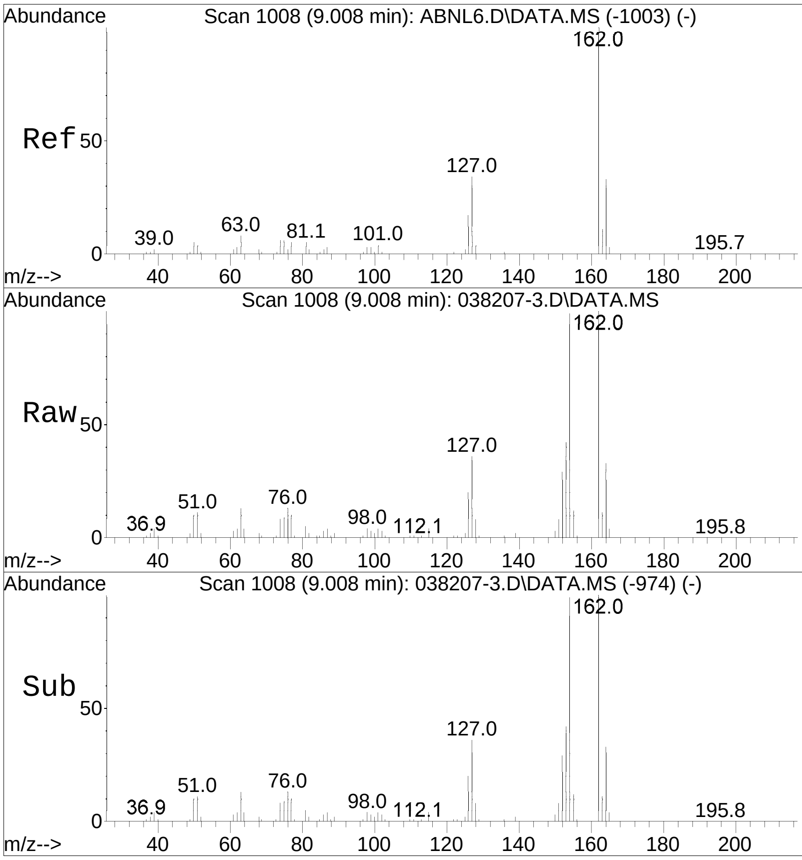




#45
2,4,5-Trichlorophenol
Concen: 1.72 ug/ml
RT: 8.858 min Scan# 988
Delta R.T. 0.008 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:196 Resp: 40360

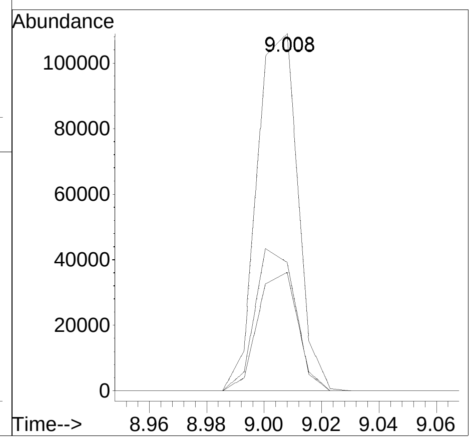
Ion	Ratio	Lower	Upper
196	100		
200	31.0	25.4	38.0
198	97.9	78.0	117.0

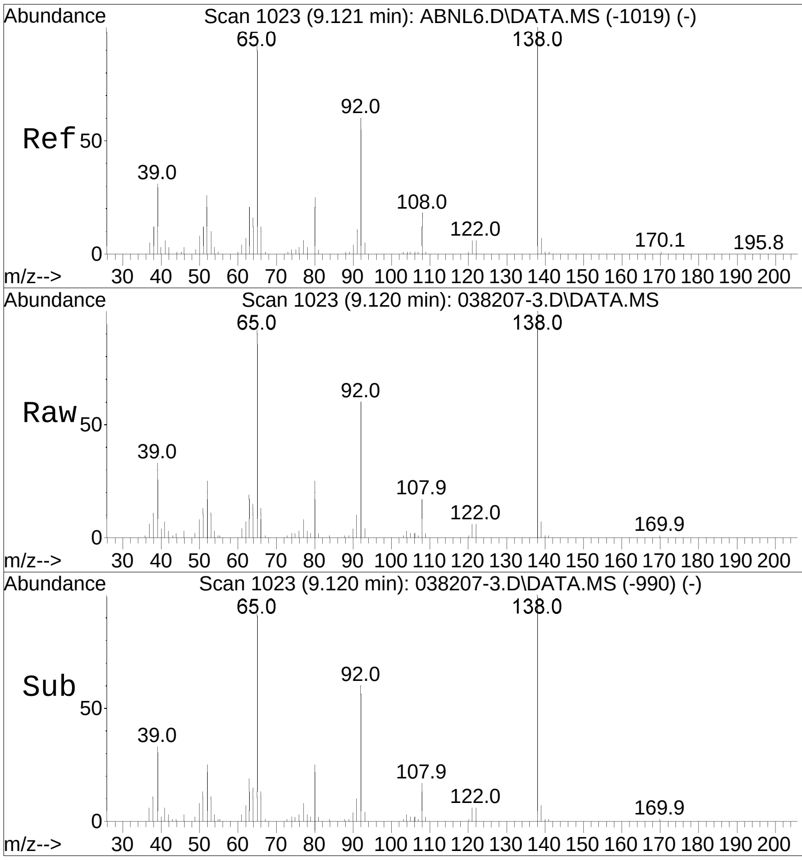


#47
2-Chloronaphthalene
Concen: 1.55 ug/ml
RT: 9.008 min Scan# 1008
Delta R.T. 0.008 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:162 Resp: 107744

Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.2	48.4
164	32.7	25.7	38.5

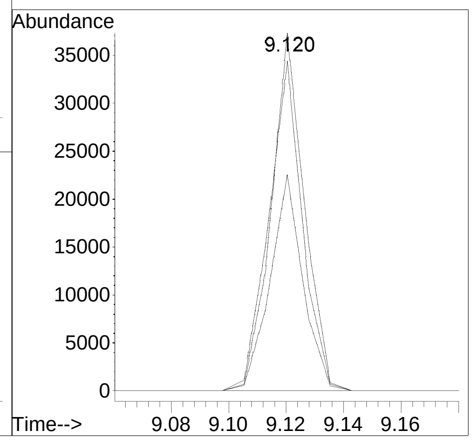


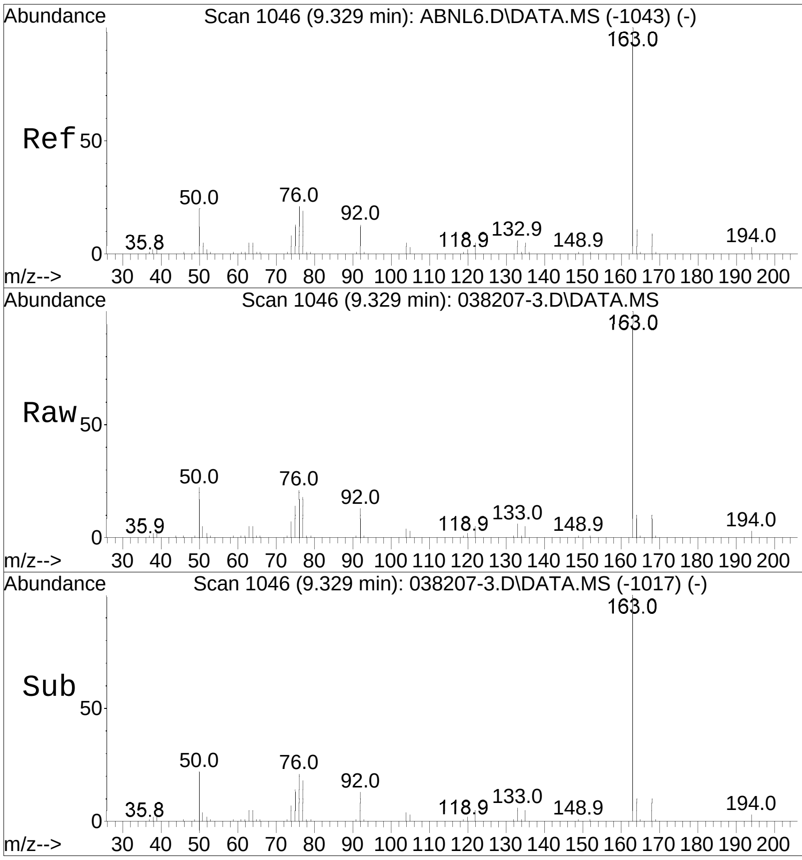


#48
2-Nitroaniline
Concen: 1.95 ug/ml
RT: 9.120 min Scan# 1023
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:138 Resp: 29774

Ion	Ratio	Lower	Upper
138	100		
92	59.7	53.5	80.3
65	93.4	86.3	129.5

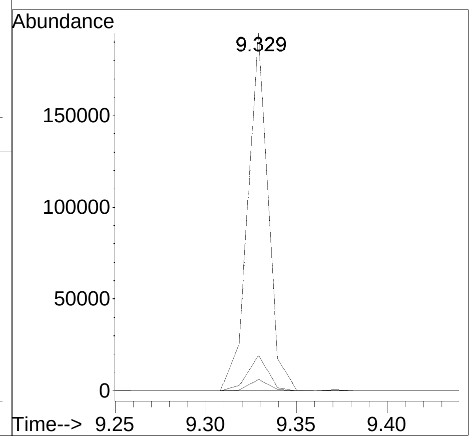


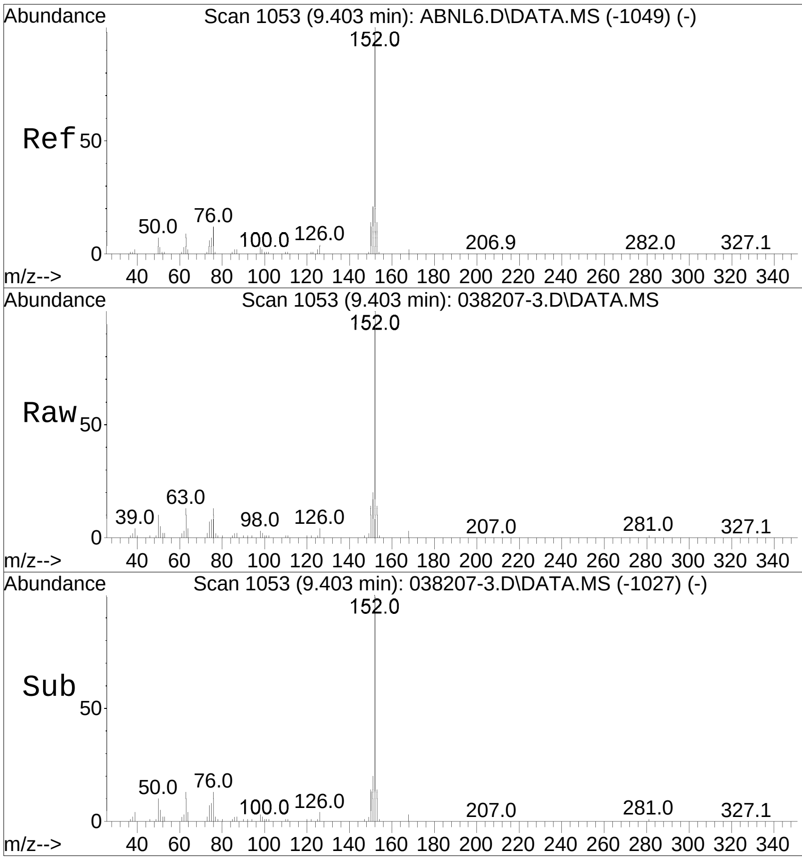


#51
Dimethyl phthalate
Concen: 1.80 ug/ml
RT: 9.329 min Scan# 1046
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:163 Resp: 150450

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.5	5.3#
164	10.0	7.9	11.9

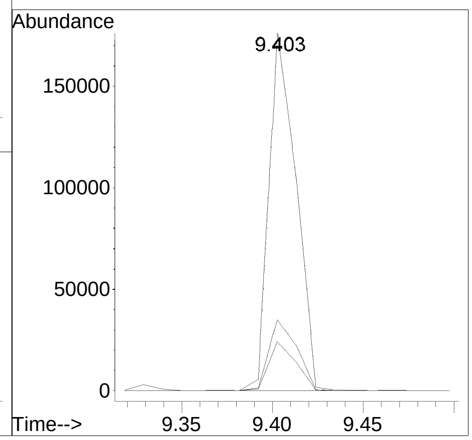


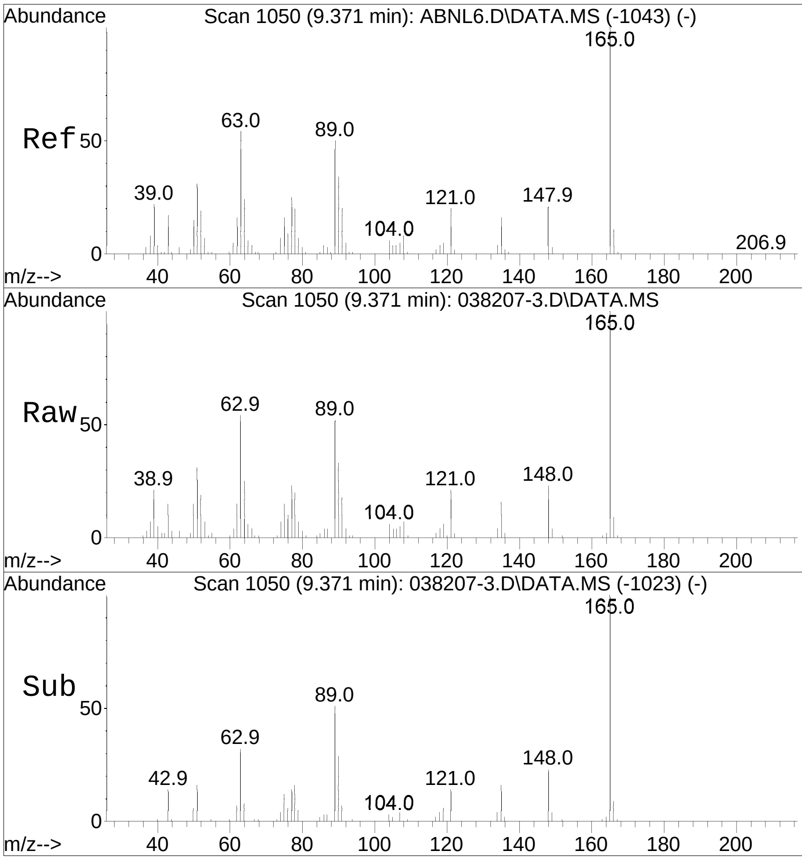


#52
Acenaphthylene
Concen: 1.64 ug/ml
RT: 9.403 min Scan# 1053
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:152 Resp: 181406

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.6
153	13.7	10.5	15.7

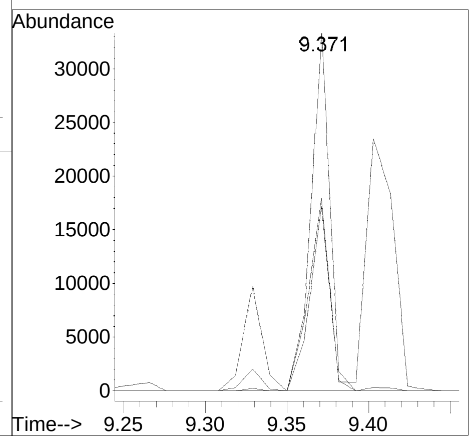


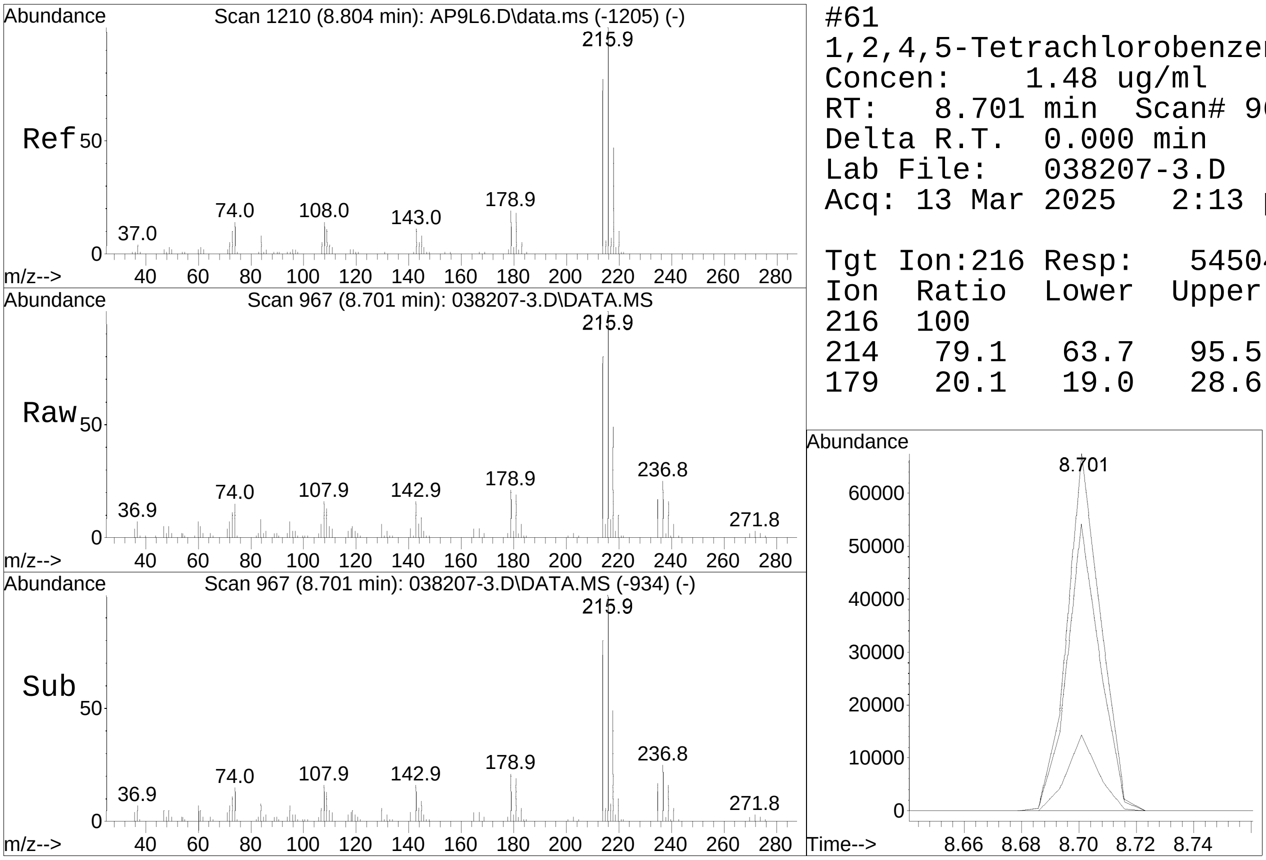


#53
2,6-Dinitrotoluene
Concen: 2.04 ug/ml
RT: 9.371 min Scan# 1050
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:165 Resp: 28205

Ion	Ratio	Lower	Upper
165	100		
89	53.3	54.2	81.2#
63	58.2	64.2	96.2#

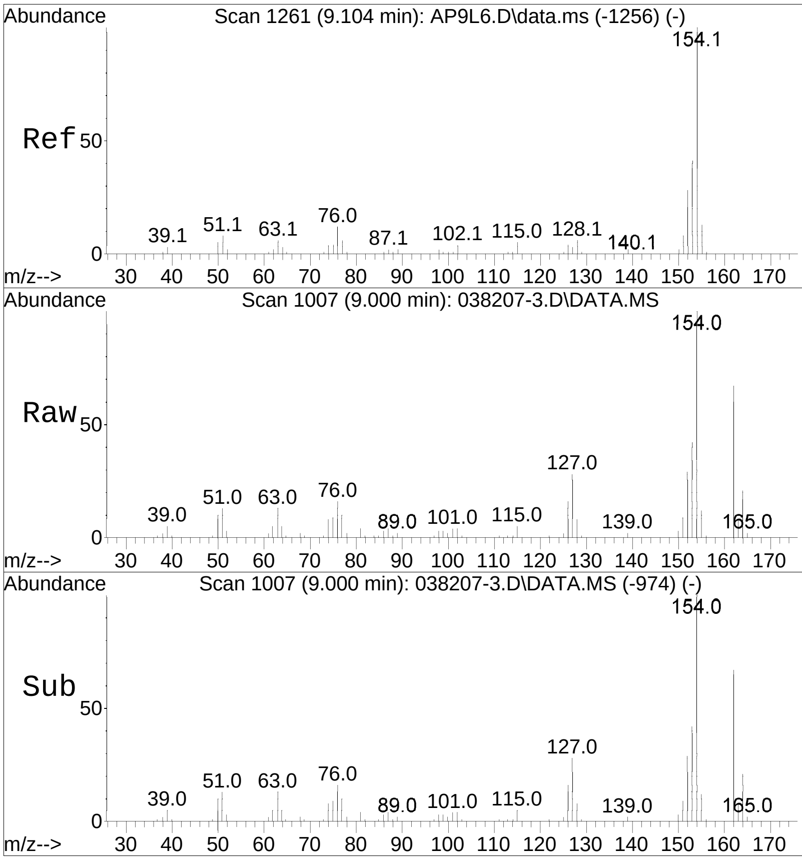




#61
1,2,4,5-Tetrachlorobenzene
Concen: 1.48 ug/ml
RT: 8.701 min Scan# 967
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:216 Resp: 54504

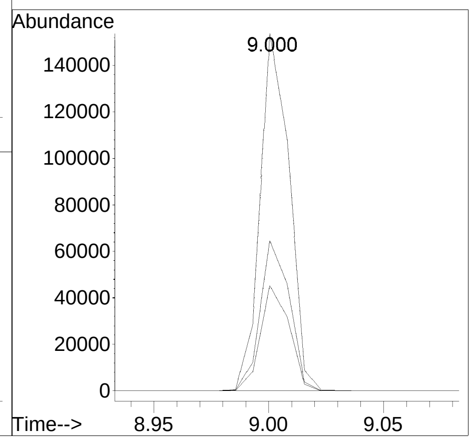
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.7	95.5
179	20.1	19.0	28.6

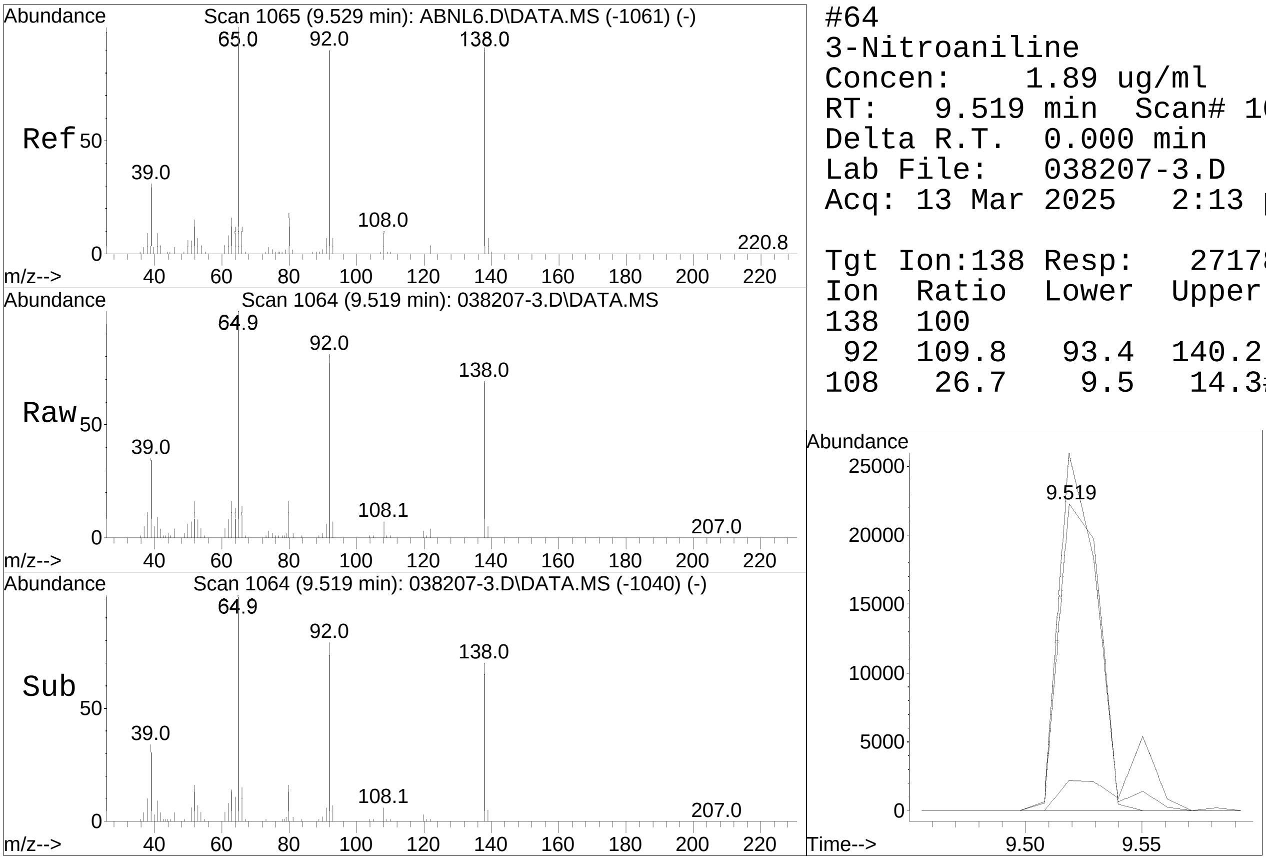


#62
Biphenyl
Concen: 1.66 ug/ml
RT: 9.000 min Scan# 1007
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:154 Resp: 134839

Ion	Ratio	Lower	Upper
154	100		
153	42.4	32.3	48.5
152	29.4	22.5	33.7

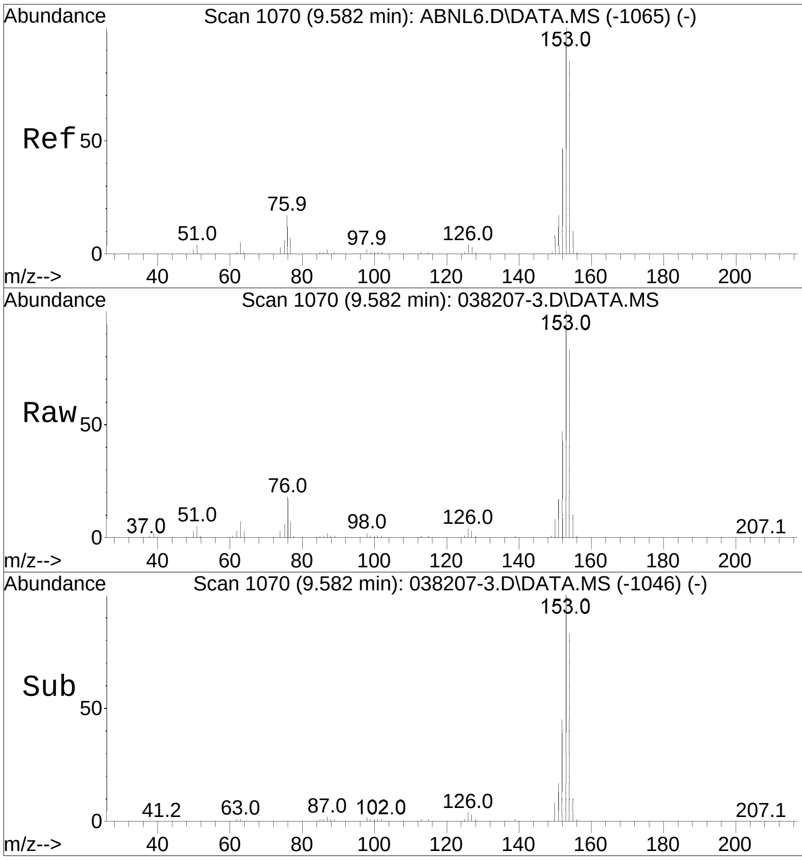




#64
3-Nitroaniline
Concen: 1.89 ug/ml
RT: 9.519 min Scan# 1064
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:138 Resp: 27178

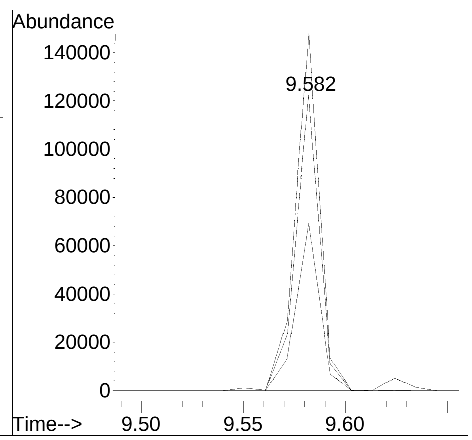
Ion	Ratio	Lower	Upper
138	100		
92	109.8	93.4	140.2
108	26.7	9.5	14.3#

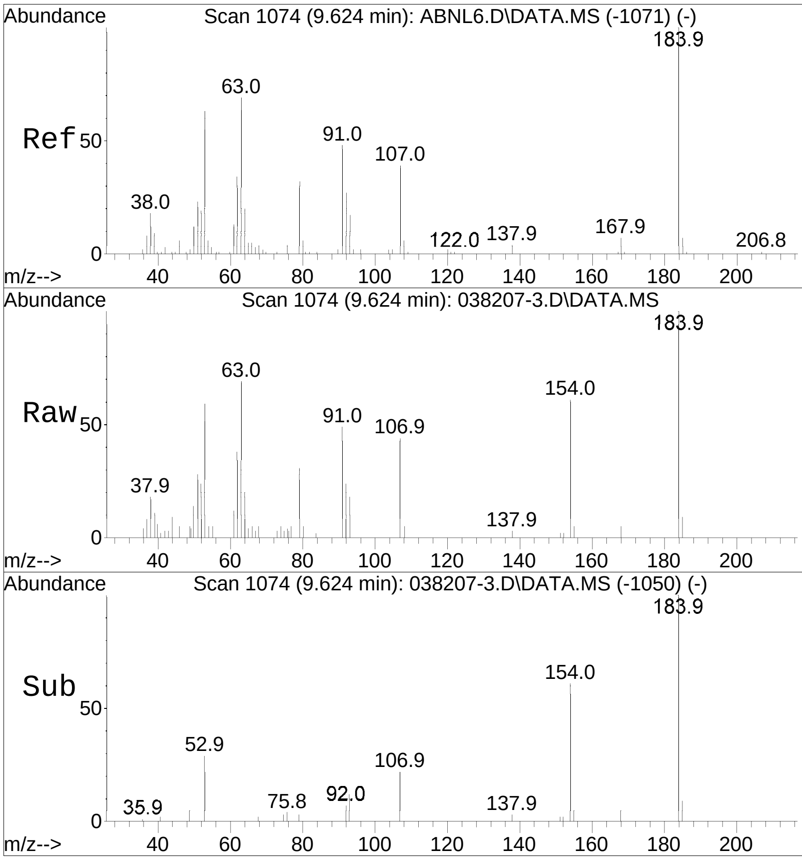


#65
Acenaphthene
Concen: 1.59 ug/ml
RT: 9.582 min Scan# 1070
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:154 Resp: 99801

Ion	Ratio	Lower	Upper
154	100		
153	120.6	85.3	127.9
152	56.7	41.4	62.0

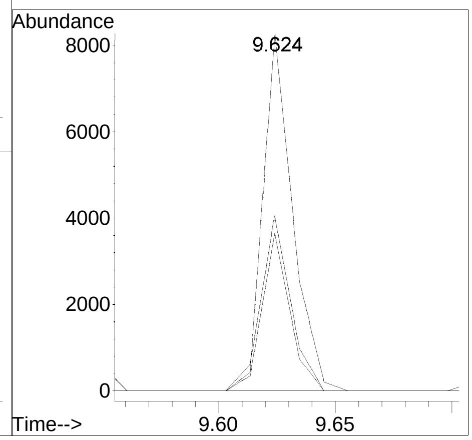


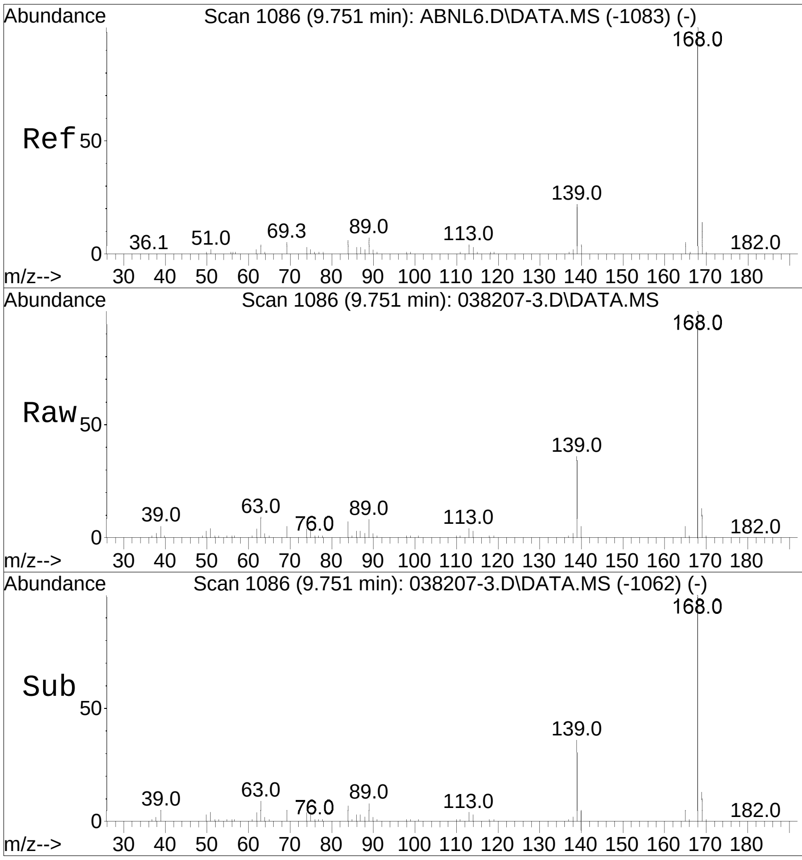


#66
2,4-Dinitrophenol
Concen: 1.08 ug/ml
RT: 9.624 min Scan# 1074
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:184 Resp: 7234

Ion	Ratio	Lower	Upper
184	100		
107	41.4	37.7	56.5
91	49.4	46.3	69.5

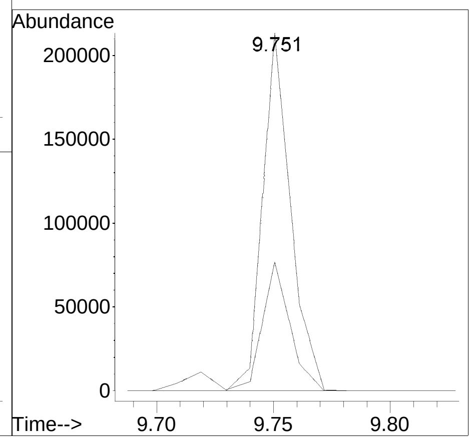


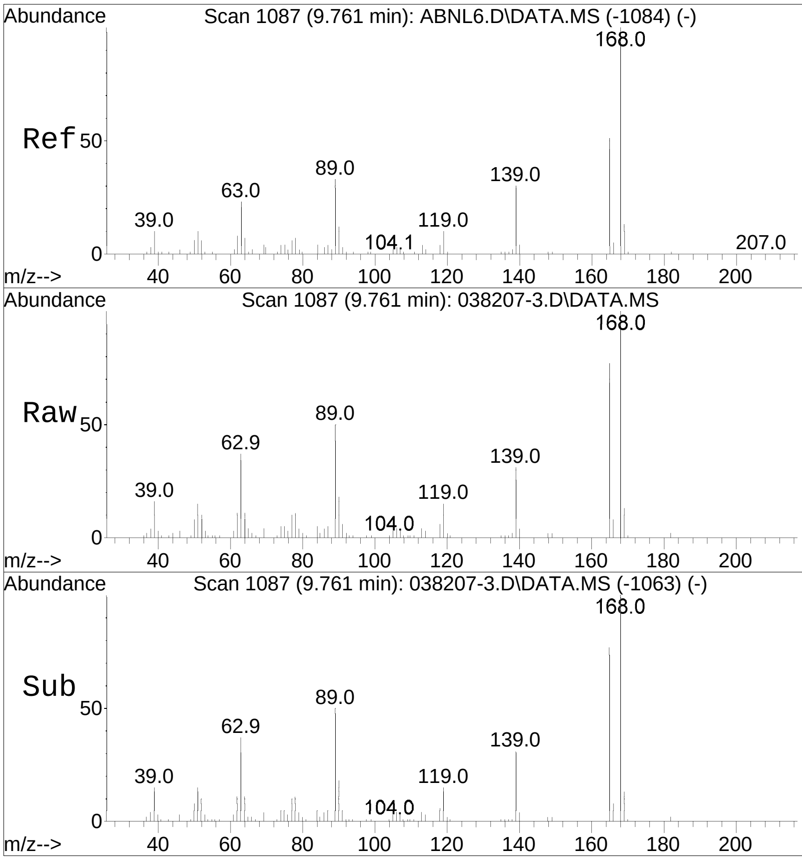


#67
Dibenzofuran
Concen: 1.62 ug/ml
RT: 9.751 min Scan# 1086
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:168 Resp: 176103

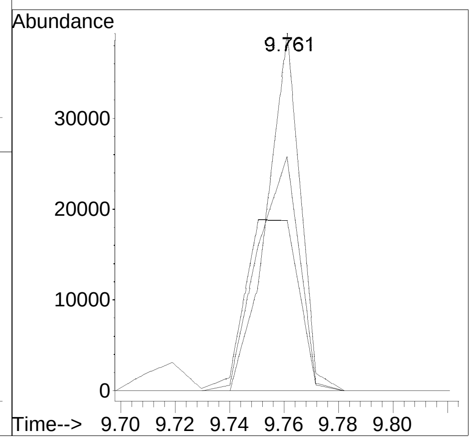
Ion	Ratio	Lower	Upper
168	100		
139	41.2	31.4	47.2

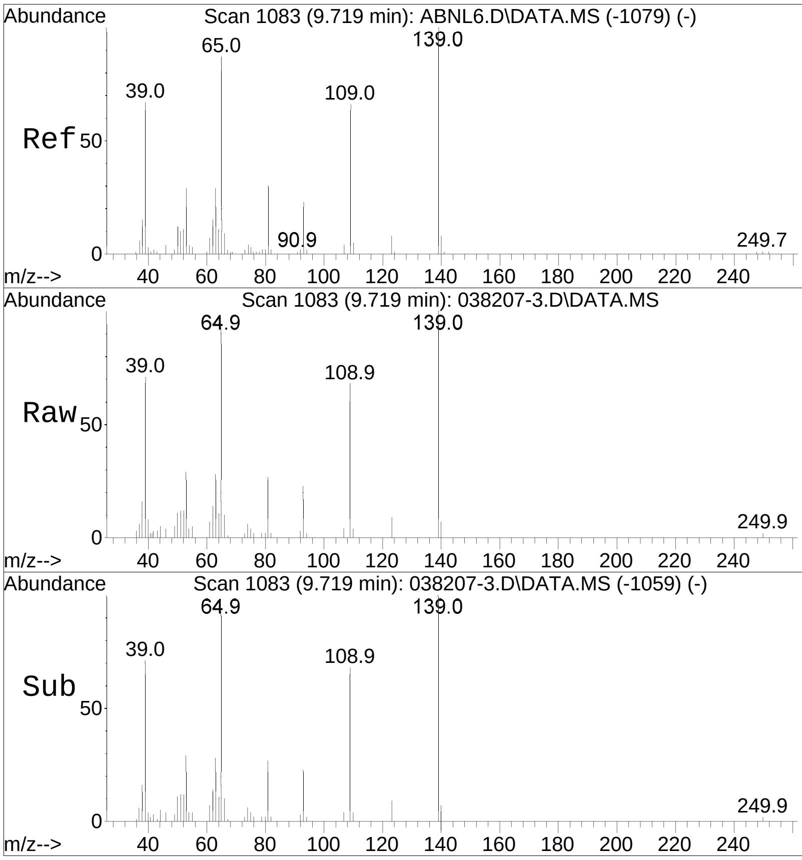




#68
2,4-Dinitrotoluene
Concen: 1.78 ug/ml
RT: 9.761 min Scan# 1087
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:165	Resp:		33488
Ion	Ratio	Lower	Upper
165	100		
89	81.7	72.0	108.0
63	84.8	52.7	79.1#

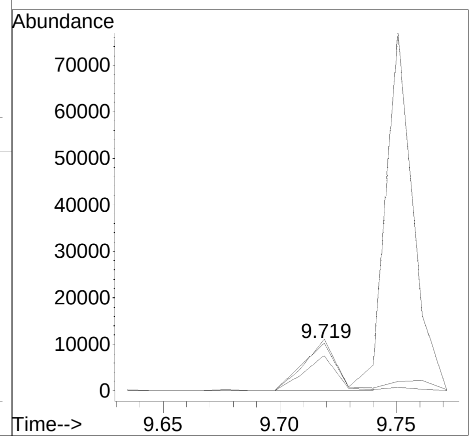


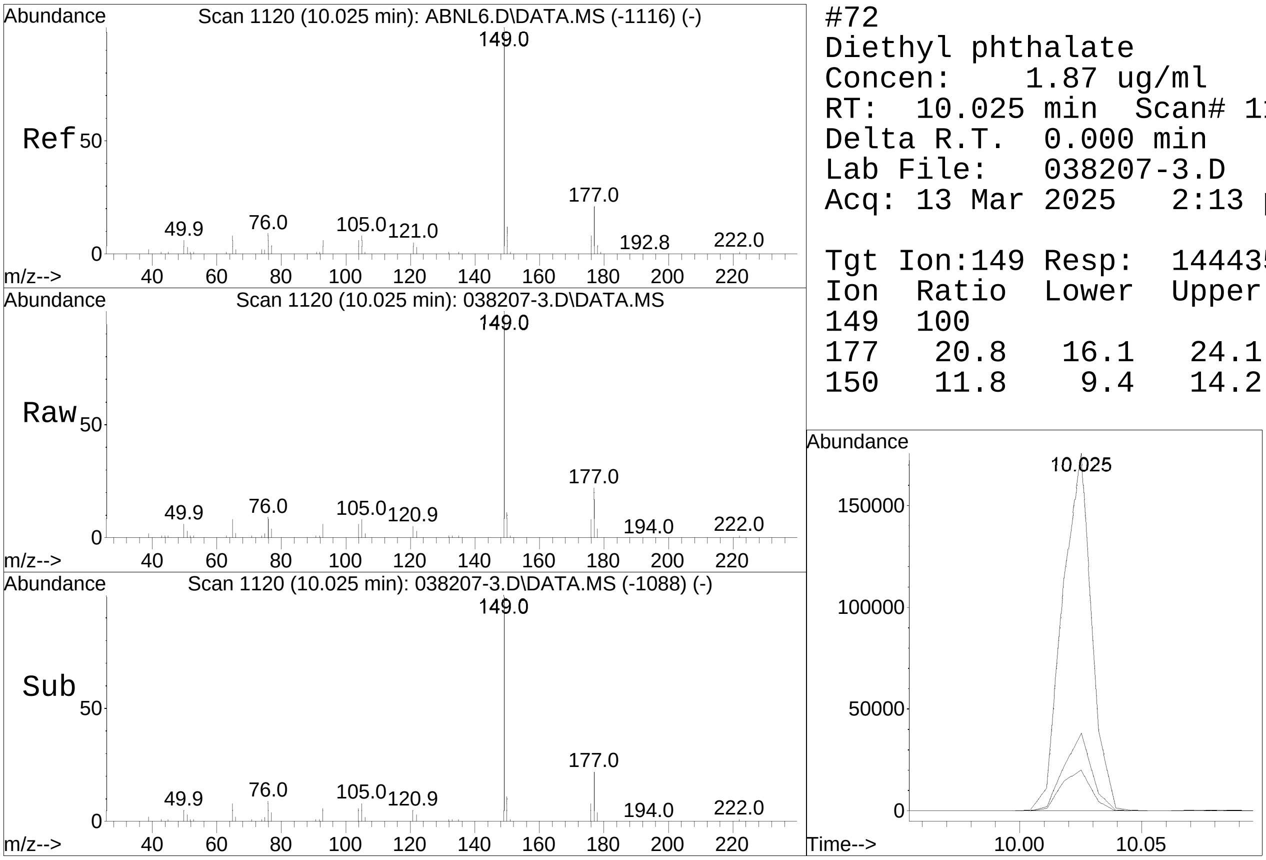


#69
4-Nitrophenol
Concen: 0.97 ug/ml
RT: 9.719 min Scan# 1083
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion: 65 Resp: 10660

Ion	Ratio	Lower	Upper
65	100		
109	67.4	47.4	71.2
139	0.0	76.6	115.0#

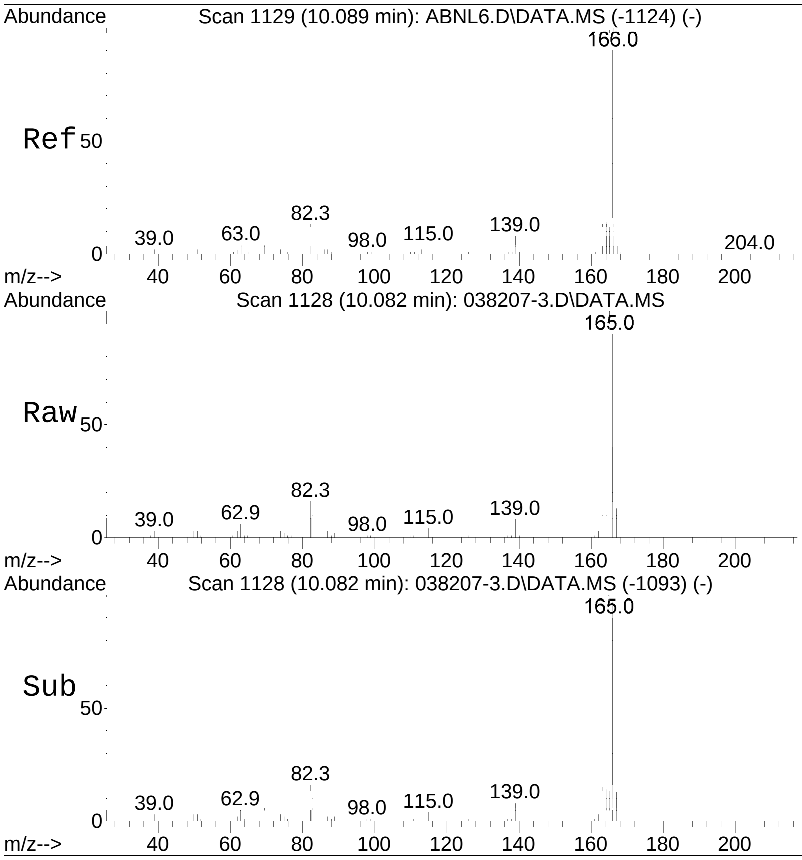




#72
Diethyl phthalate
Concen: 1.87 ug/ml
RT: 10.025 min Scan# 1120
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:149 Resp: 144435

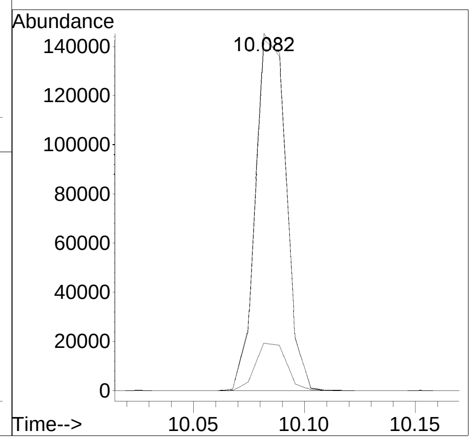
Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	11.8	9.4	14.2

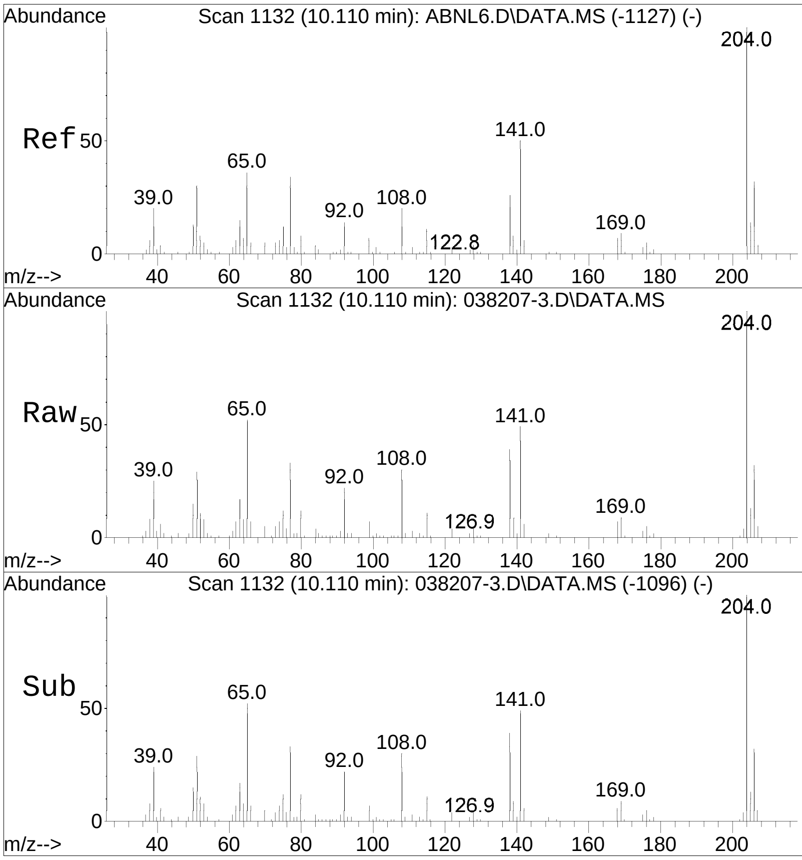


#73
Fluorene
Concen: 1.73 ug/ml
RT: 10.082 min Scan# 1128
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:166 Resp: 138635

Ion	Ratio	Lower	Upper
166	100		
165	100.5	76.2	114.2
167	13.8	10.6	15.8

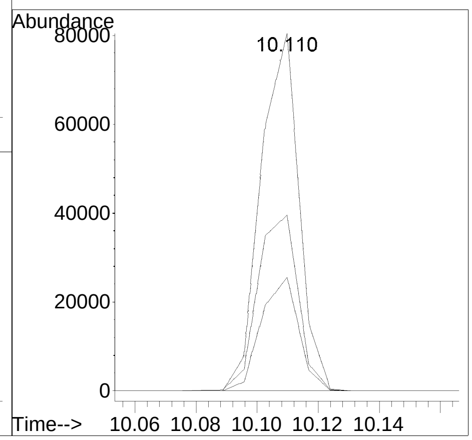


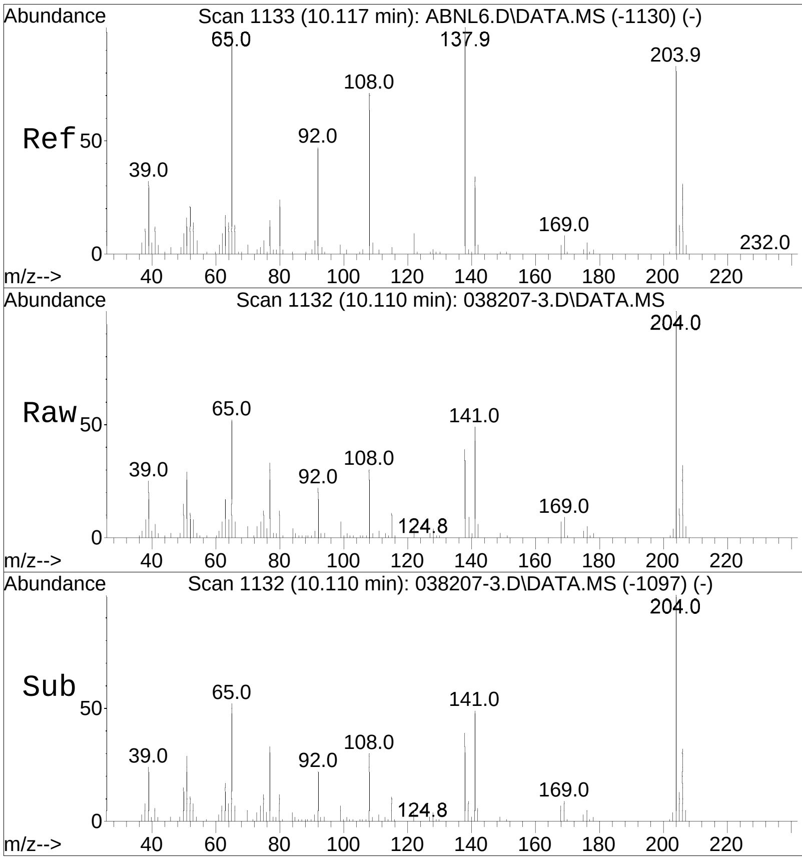


#74
4-Chlorophenyl phenyl ether
Concen: 1.65 ug/ml
RT: 10.110 min Scan# 1132
Delta R.T. 0.007 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:204 Resp: 69474

Ion	Ratio	Lower	Upper
204	100		
206	31.5	25.8	38.6
141	52.4	53.6	80.4#

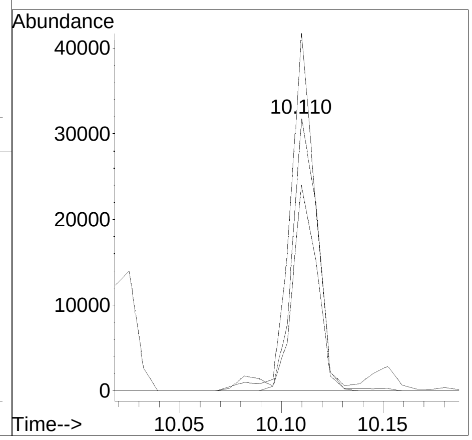


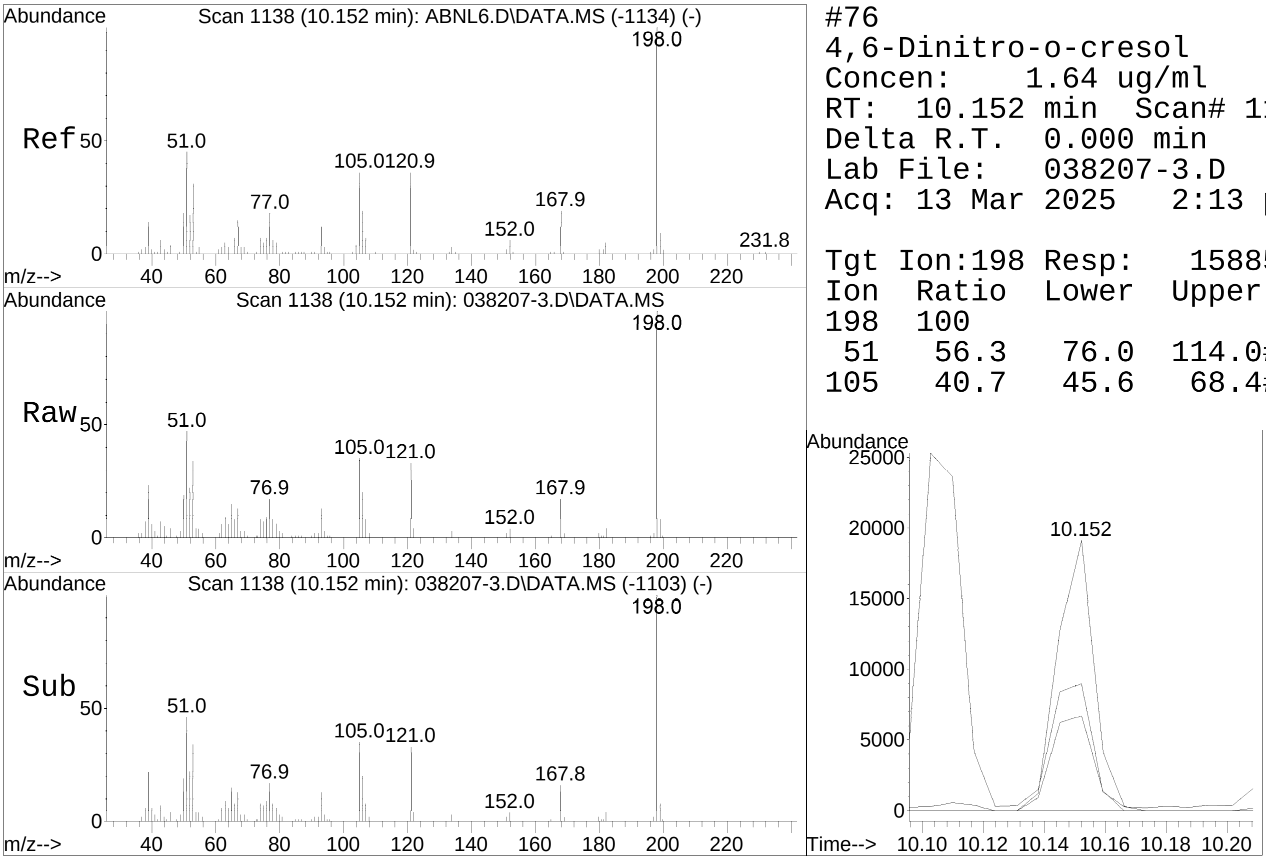


#75
4-Nitroaniline
Concen: 2.06 ug/ml
RT: 10.110 min Scan# 1132
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:138 Resp: 28734

Ion	Ratio	Lower	Upper
138	100		
108	71.1	52.1	78.1
65	125.2	115.0	172.6

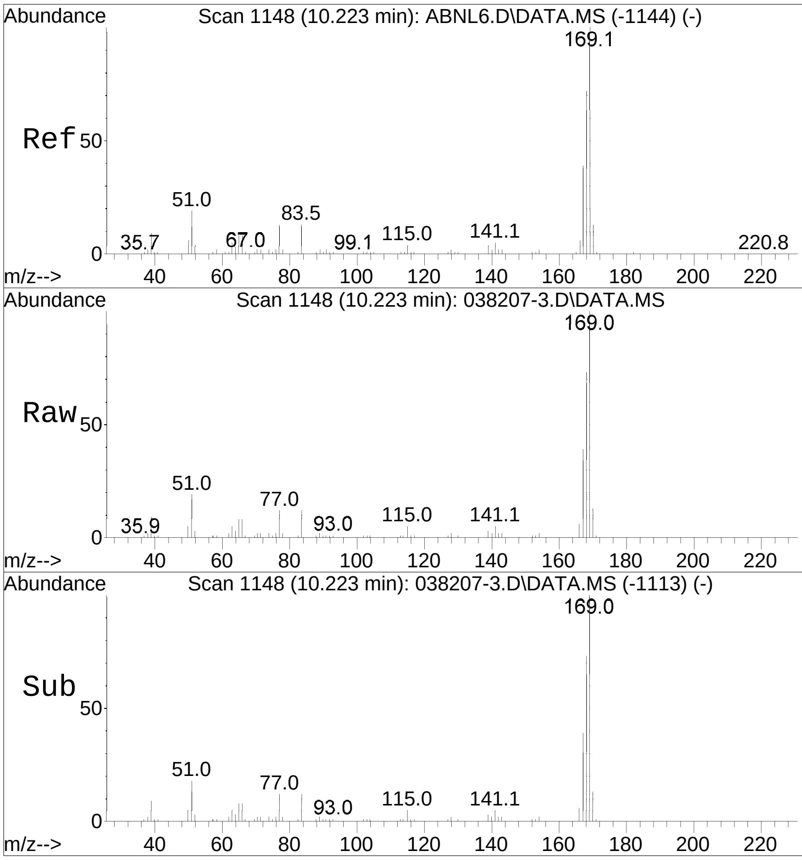




#76
4,6-Dinitro-o-cresol
Concen: 1.64 ug/ml
RT: 10.152 min Scan# 1138
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:198 Resp: 15885

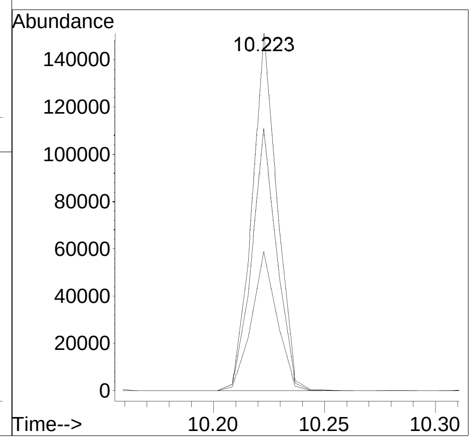
Ion	Ratio	Lower	Upper
198	100		
51	56.3	76.0	114.0#
105	40.7	45.6	68.4#

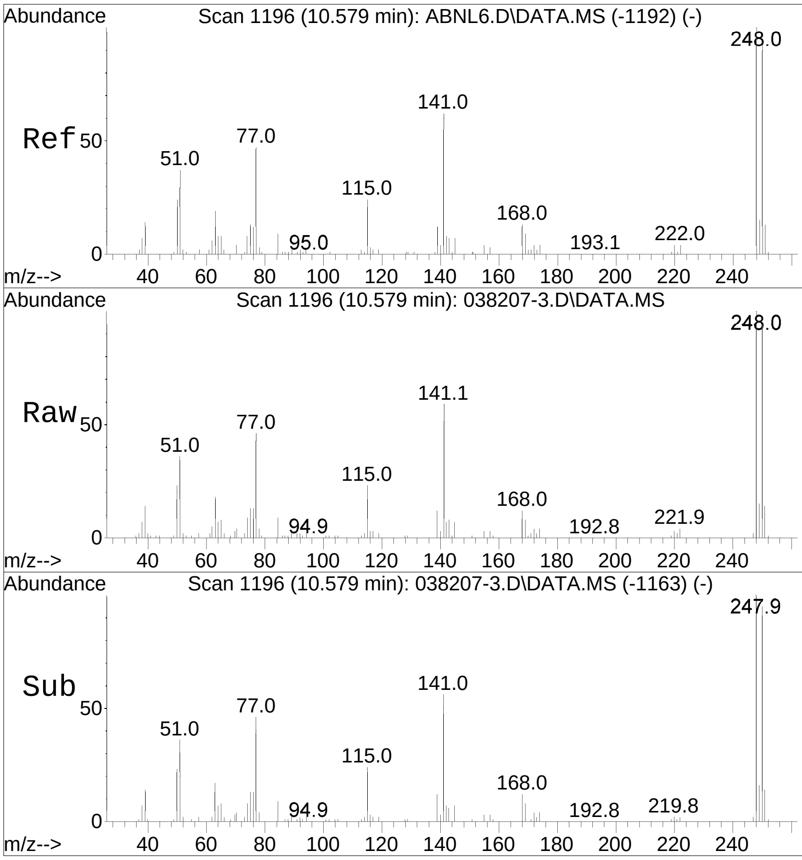


#77
NDPA/DPA
Concen: 1.78 ug/ml
RT: 10.223 min Scan# 1148
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:169 Resp: 119198

Ion	Ratio	Lower	Upper
169	100		
168	73.0	54.0	81.0
167	39.4	28.6	42.8

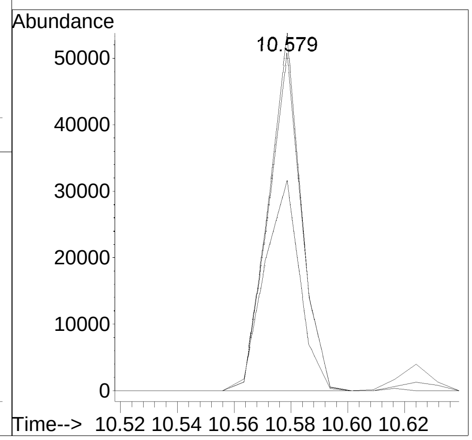


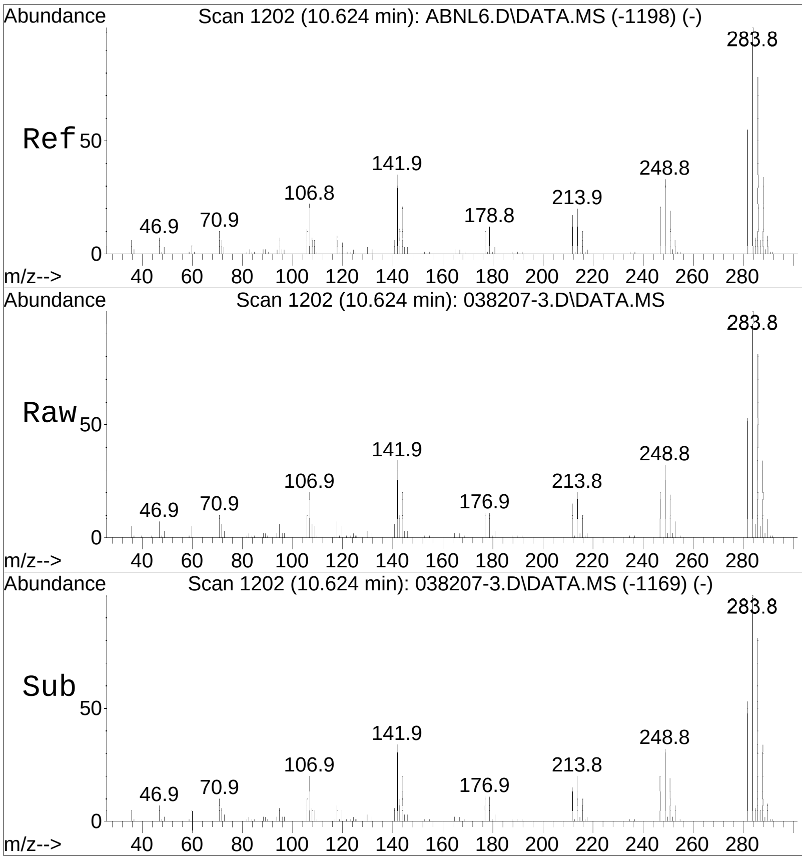


#80
4-Bromophenyl phenyl ether
Concen: 1.62 ug/ml
RT: 10.579 min Scan# 1196
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:248 Resp: 42751

Ion	Ratio	Lower	Upper
248	100		
141	64.1	76.6	114.8#
250	96.0	77.3	115.9

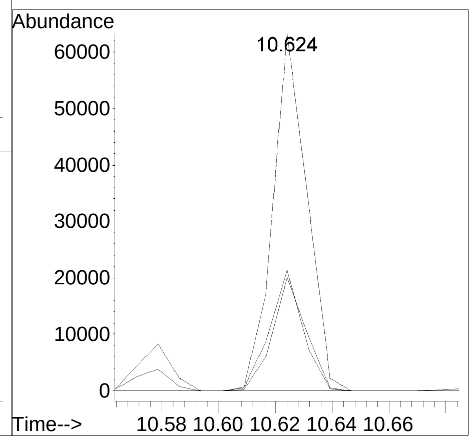


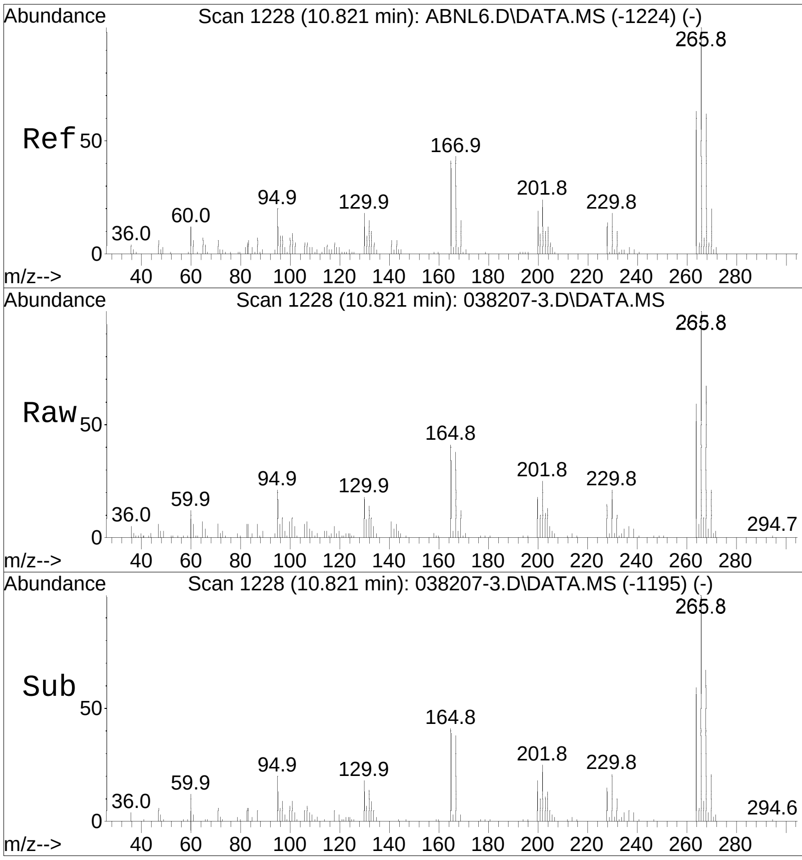


#81
Hexachlorobenzene
Concen: 1.70 ug/ml
RT: 10.624 min Scan# 1202
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:284 Resp: 52703

Ion	Ratio	Lower	Upper
284	100		
142	33.0	41.9	62.9#
249	31.2	24.1	36.1

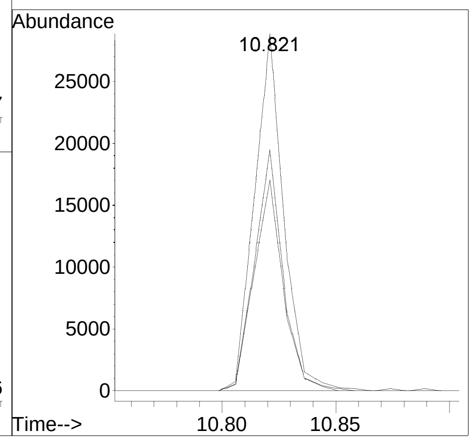


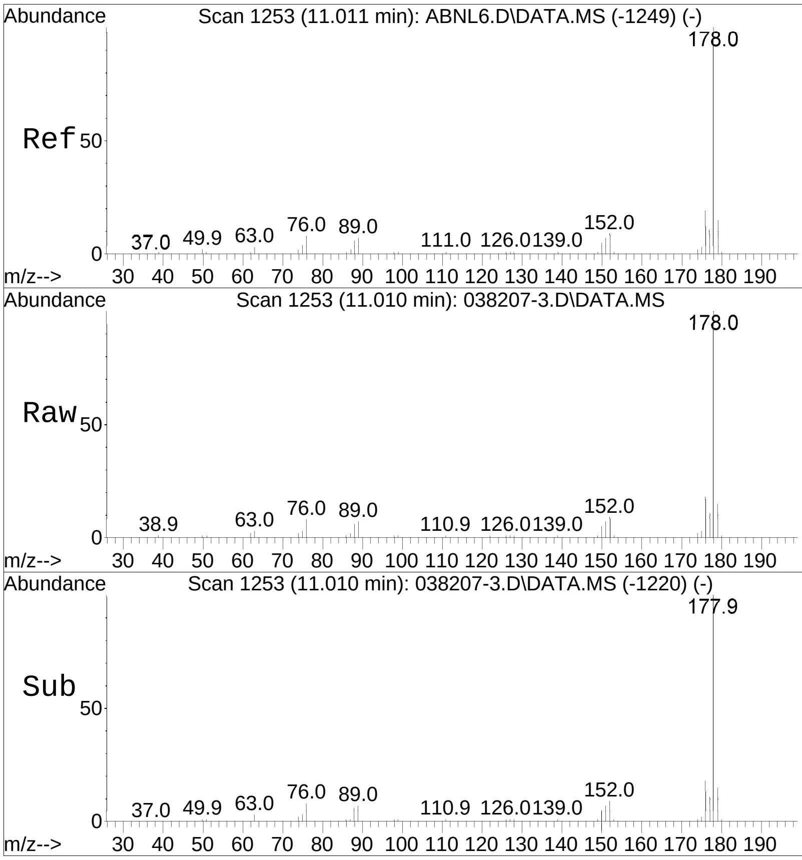


#82
Pentachlorophenol
Concen: 1.61 ug/ml
RT: 10.821 min Scan# 1228
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:266 Resp: 25882

Ion	Ratio	Lower	Upper
266	100		
264	59.5	49.7	74.5
268	65.1	50.5	75.7

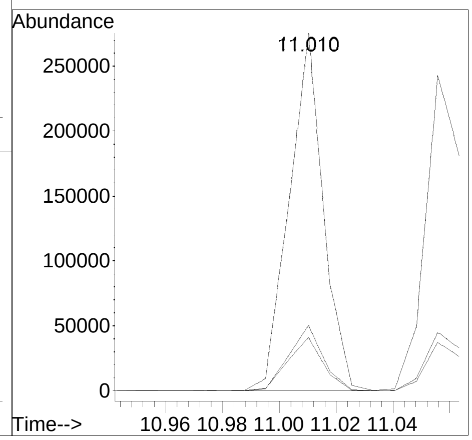


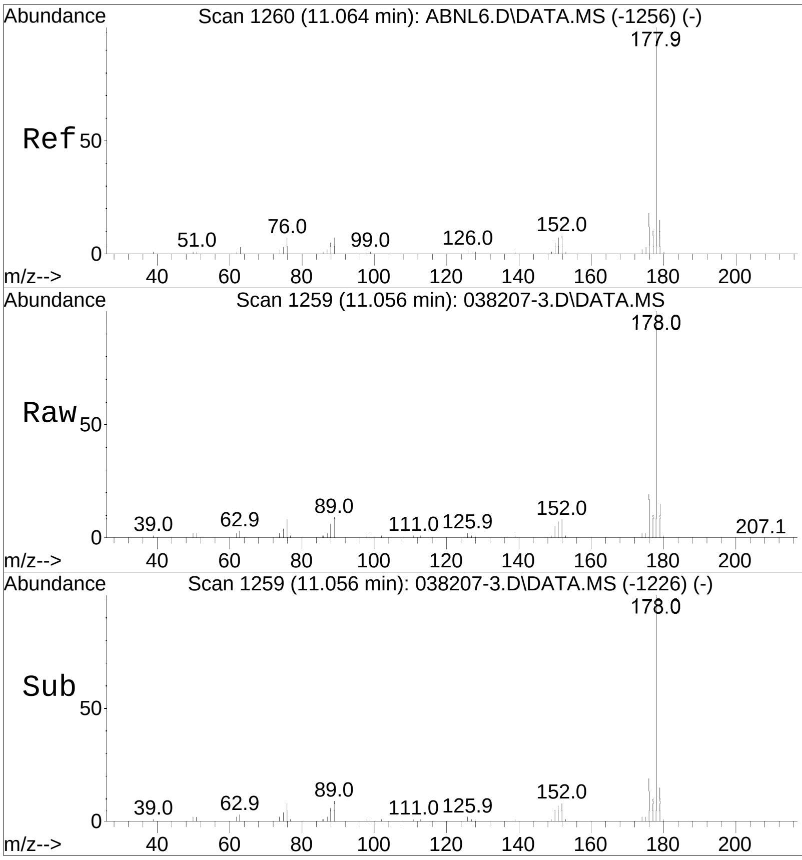


#89
Phenanthrene
Concen: 1.78 ug/ml
RT: 11.010 min Scan# 1253
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:178 Resp: 229062

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	18.5	15.4	23.2

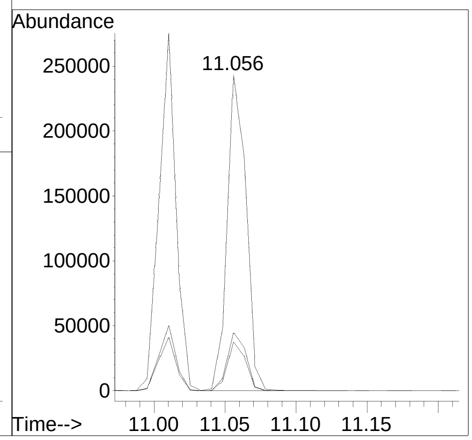


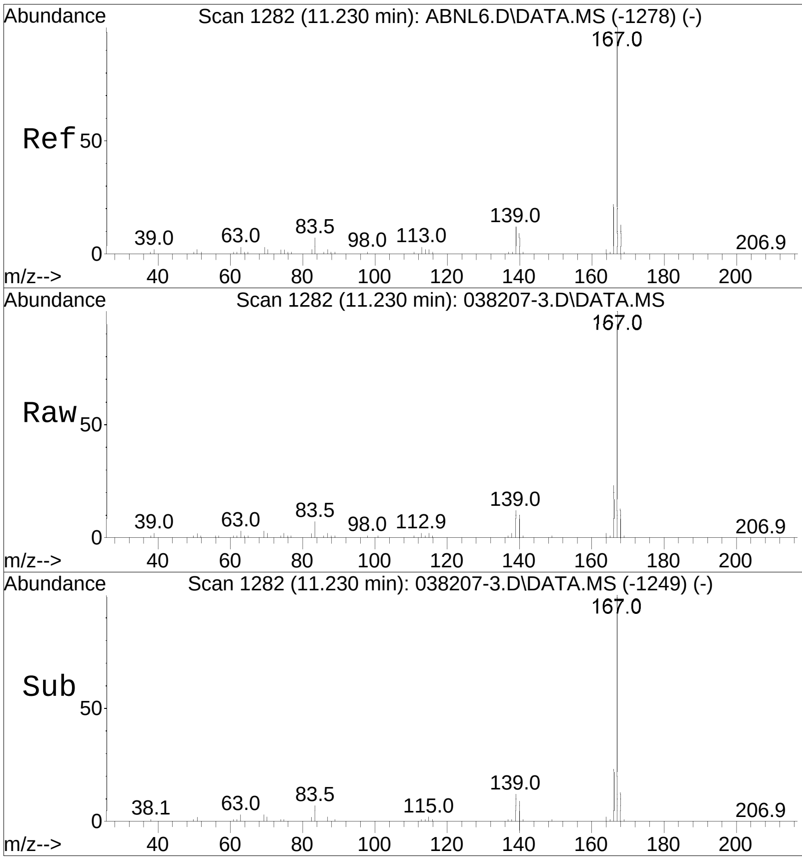


#90
Anthracene
Concen: 1.80 ug/ml
RT: 11.056 min Scan# 1259
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:178 Resp: 225865

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.0	18.0
176	18.5	14.6	22.0

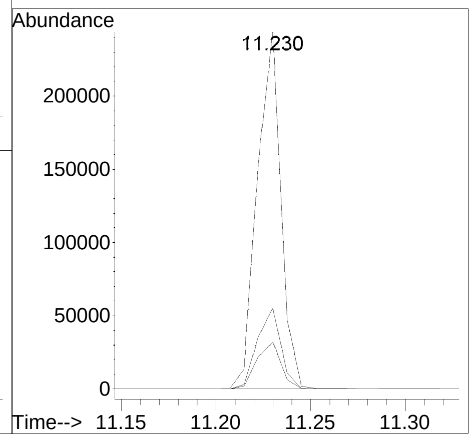


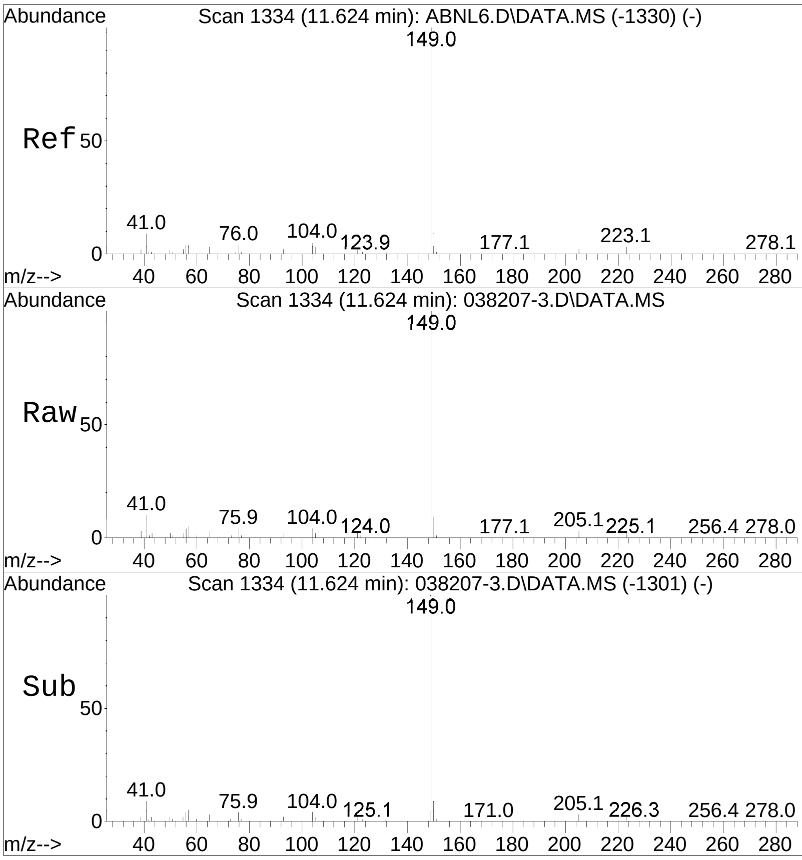


#91
Carbazole
Concen: 1.87 ug/ml
RT: 11.230 min Scan# 1282
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:167 Resp: 209455

Ion	Ratio	Lower	Upper
167	100		
168	13.6	10.6	15.8
166	22.7	17.4	26.0

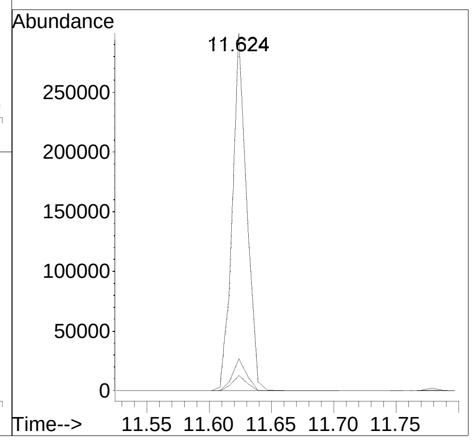


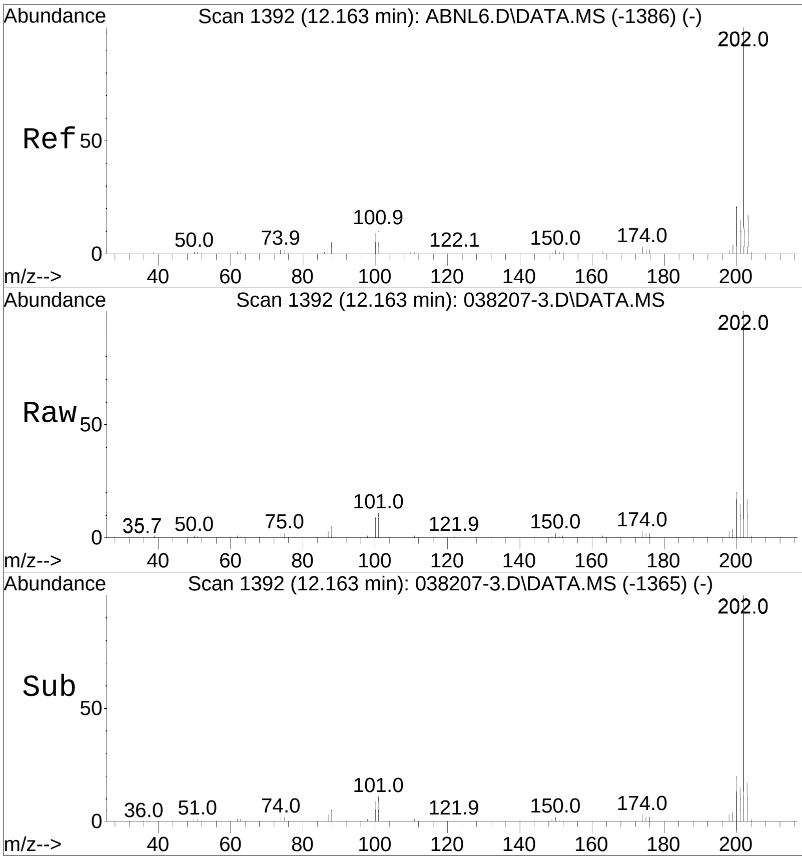


#92
Di-n-butylphthalate
Concen: 2.13 ug/ml
RT: 11.624 min Scan# 1334
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:149 Resp: 270092

Ion	Ratio	Lower	Upper
149	100		
150	7.8	7.0	10.6
104	4.0	4.5	6.7#

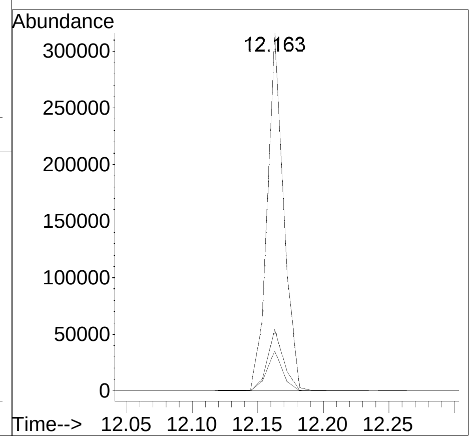


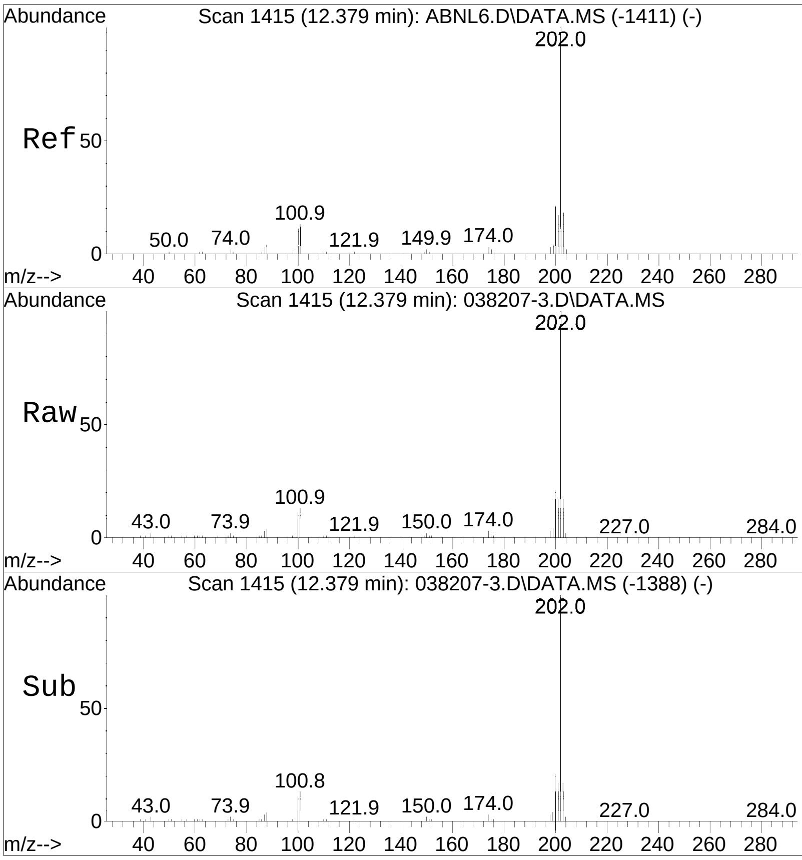


#93
Fluoranthene
Concen: 1.85 ug/ml
RT: 12.163 min Scan# 1392
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:202 Resp: 272900

Ion	Ratio	Lower	Upper
202	100		
101	11.0	13.5	20.3#
203	17.3	13.6	20.4

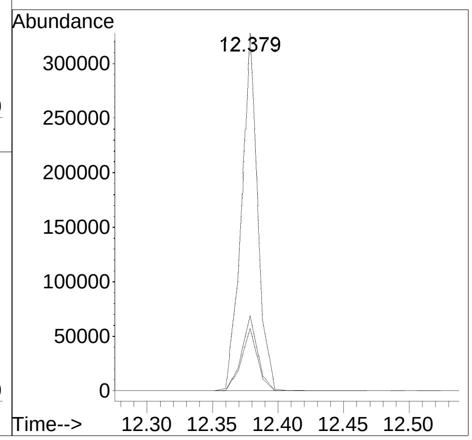


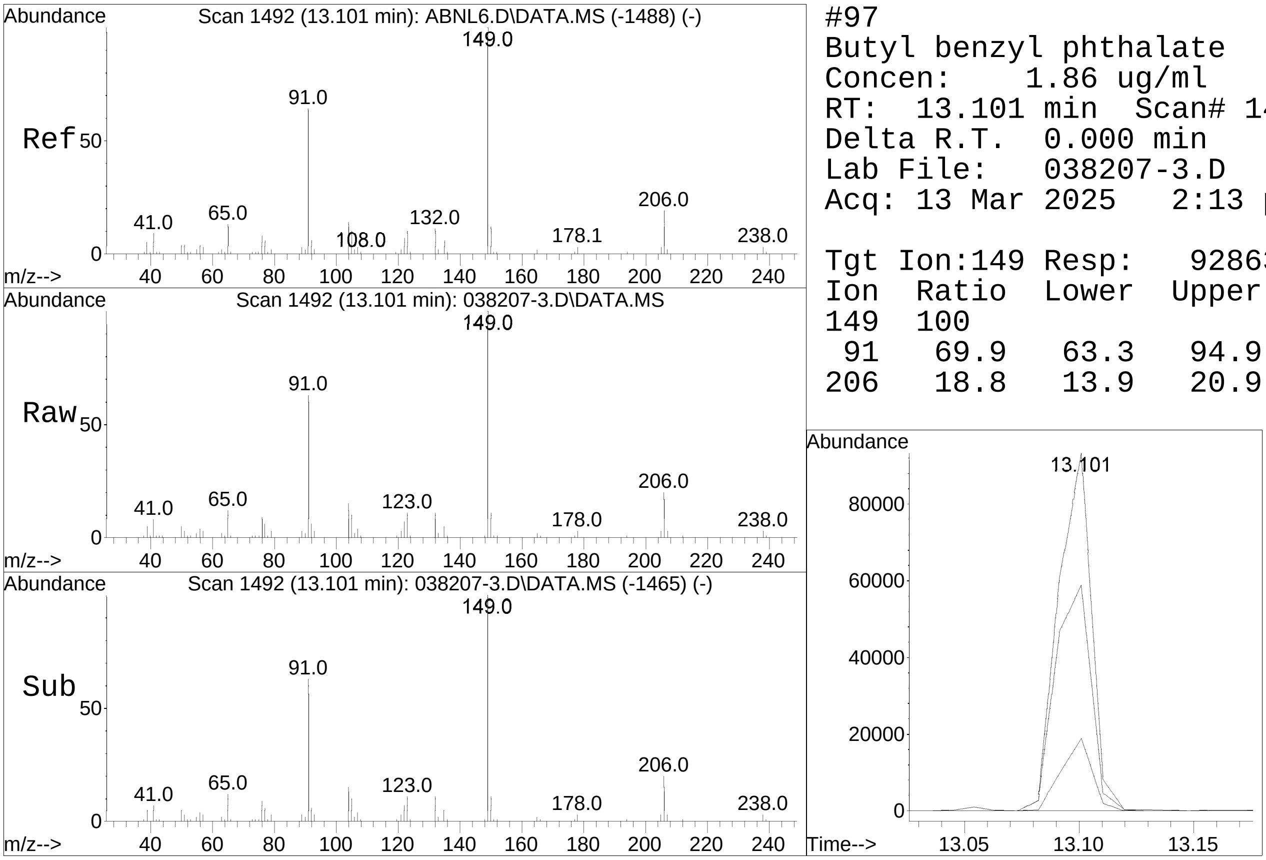


#95
Pyrene
Concen: 1.82 ug/ml
RT: 12.379 min Scan# 1415
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:202 Resp: 280533

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.4	14.2	21.4

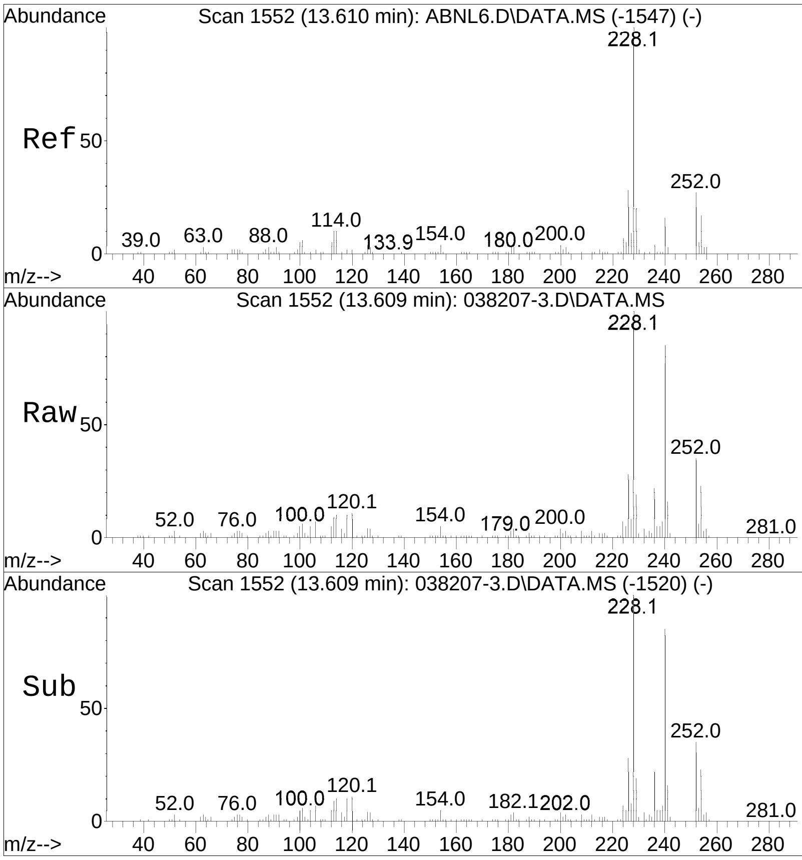




#97
Butyl benzyl phthalate
Concen: 1.86 ug/ml
RT: 13.101 min Scan# 1492
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:149 Resp: 92863

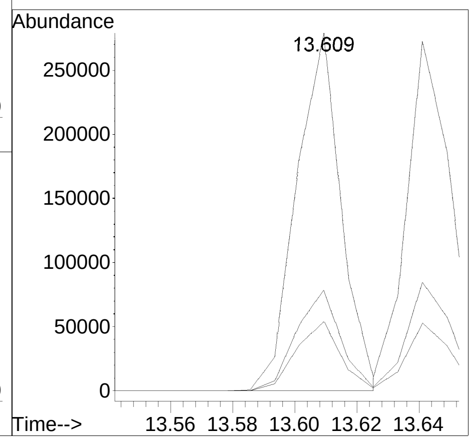
Ion	Ratio	Lower	Upper
149	100		
91	69.9	63.3	94.9
206	18.8	13.9	20.9

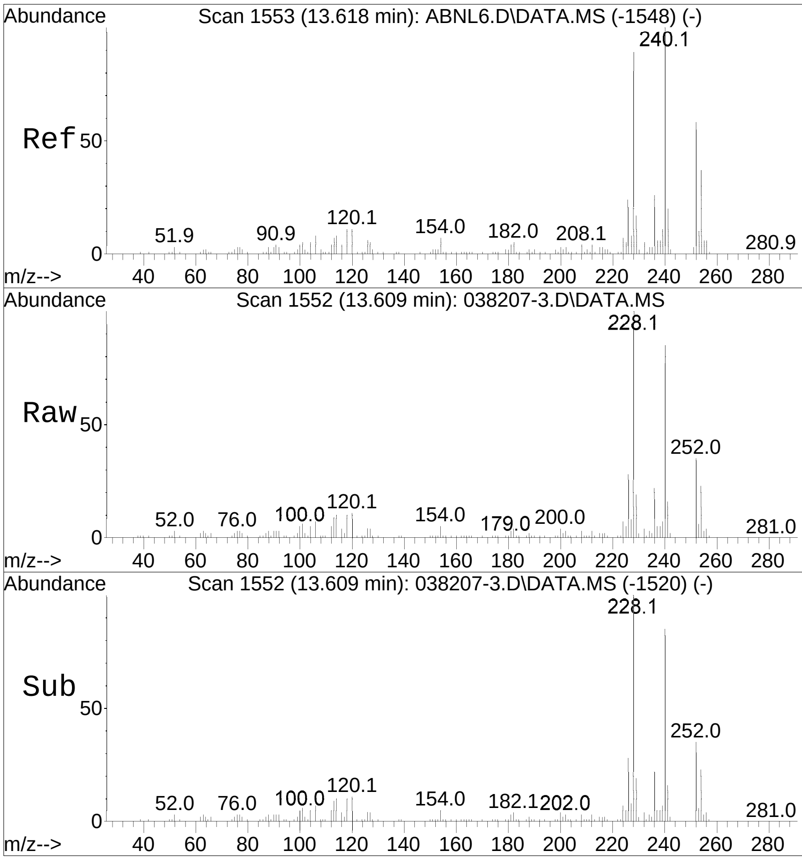


#105
Benzo(a)anthracene
Concen: 1.87 ug/ml
RT: 13.609 min Scan# 1552
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:228 Resp: 277672

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.4
229	19.5	15.6	23.4

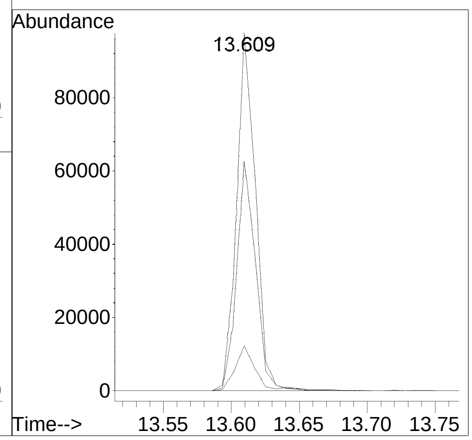


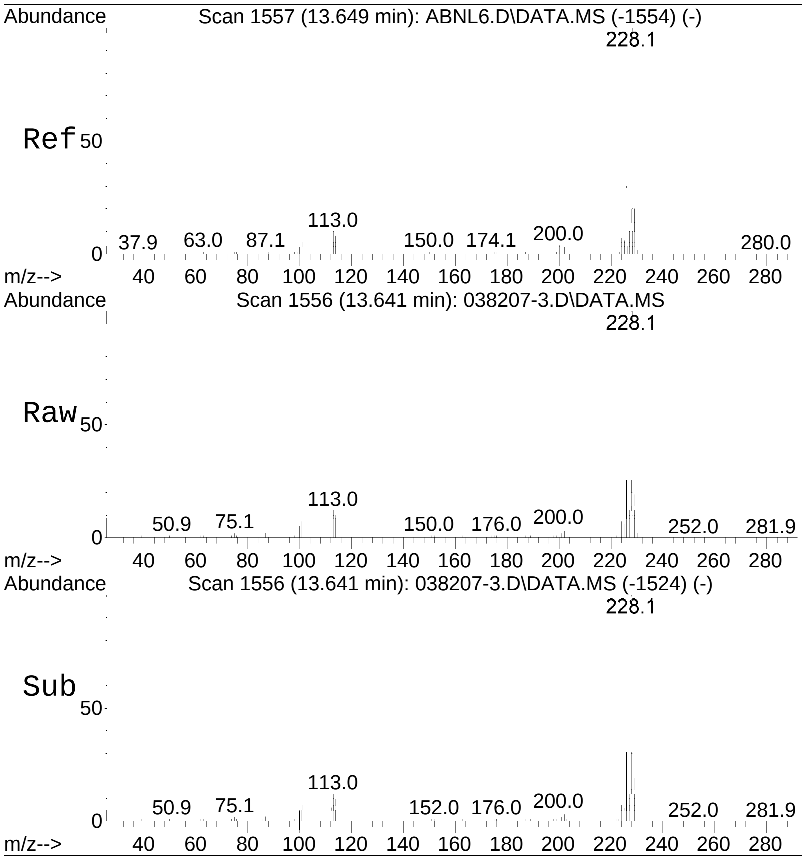


#106
3,3'-Dichlorobenzidine
Concen: 1.89 ug/ml
RT: 13.609 min Scan# 1552
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:252 Resp: 94277

Ion	Ratio	Lower	Upper
252	100		
126	13.6	14.5	21.7#
254	64.6	51.2	76.8

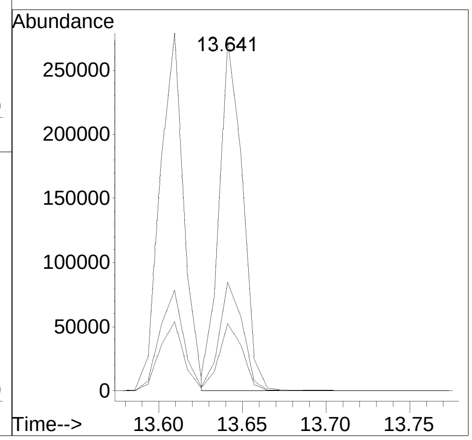


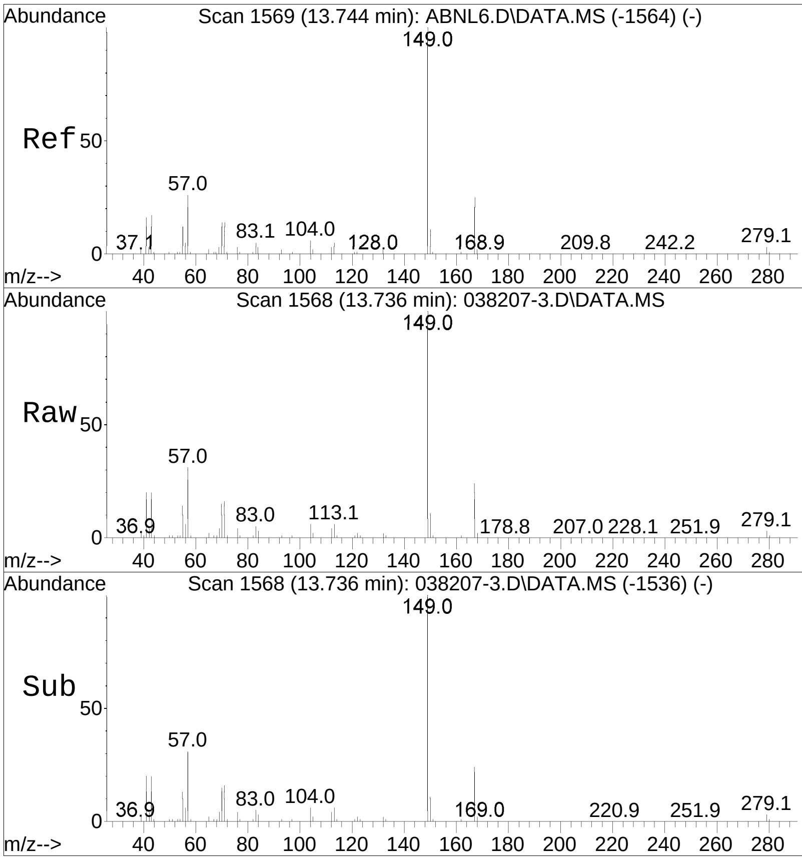


#107
Chrysene
Concen: 1.81 ug/ml
RT: 13.641 min Scan# 1556
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:228 Resp: 266759

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	19.3	15.8	23.8

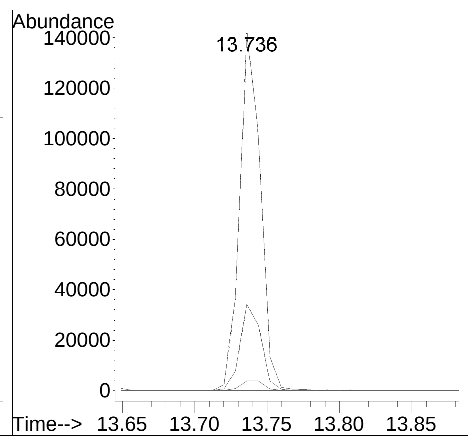


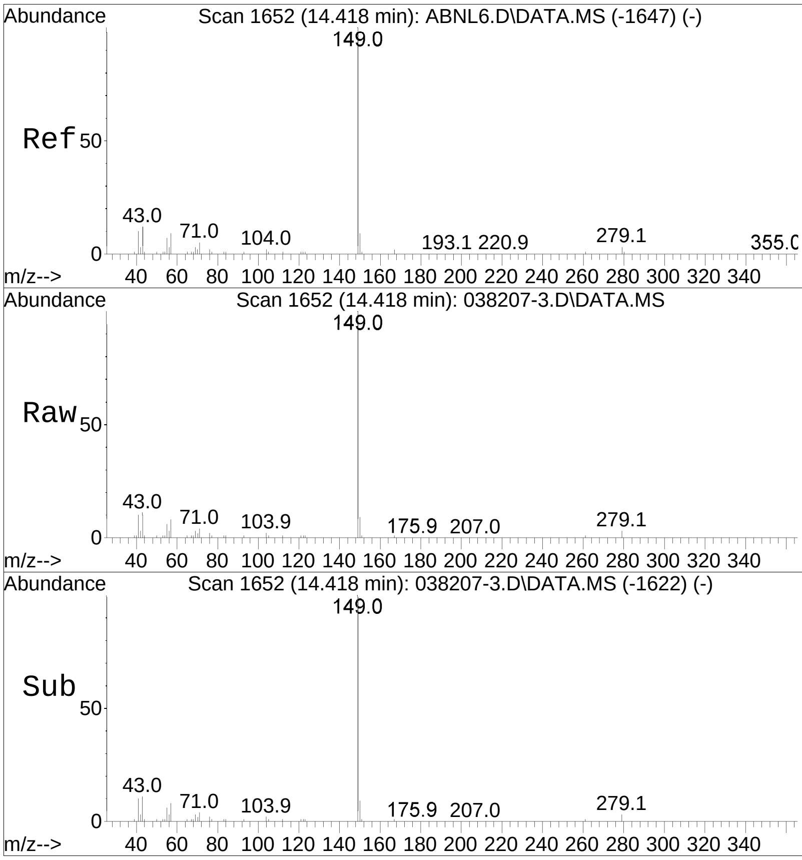


#108
Bis(2-ethylhexyl)phthalate
Concen: 1.79 ug/ml
RT: 13.736 min Scan# 1568
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:149 Resp: 140807

Ion	Ratio	Lower	Upper
149	100		
167	24.5	22.1	33.1
279	2.9	3.0	4.4#

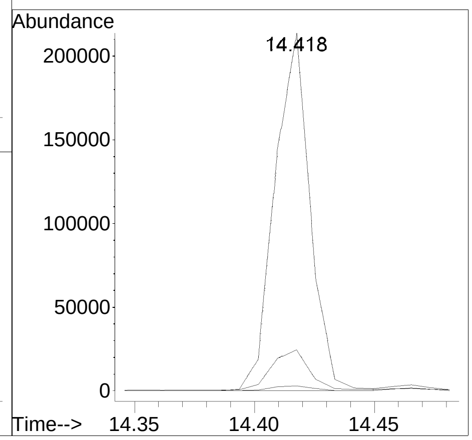


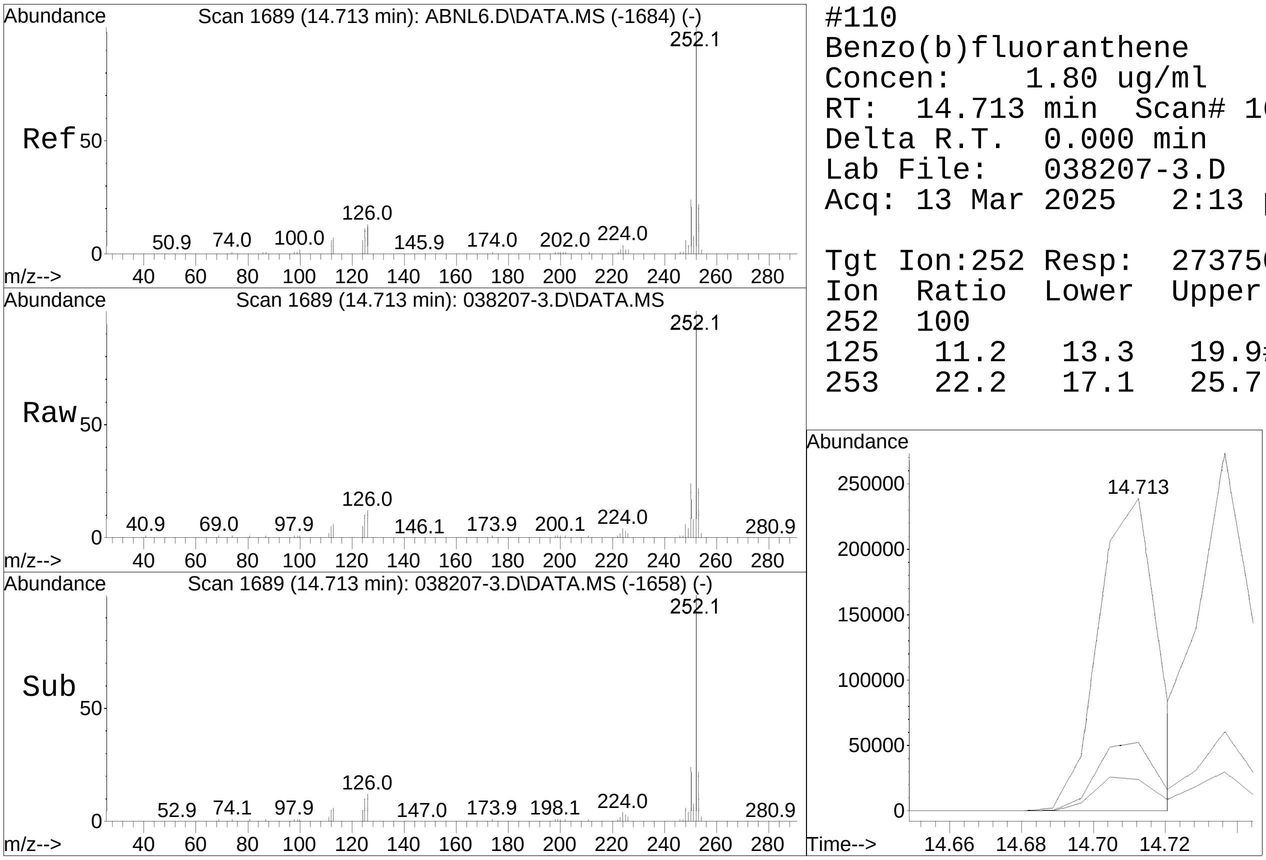


#109
Di-n-octylphthalate
Concen: 1.82 ug/ml
RT: 14.418 min Scan# 1652
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:149 Resp: 216192

Ion	Ratio	Lower	Upper
149	100		
43	12.2	18.8	28.2#
167	1.4	1.3	1.9

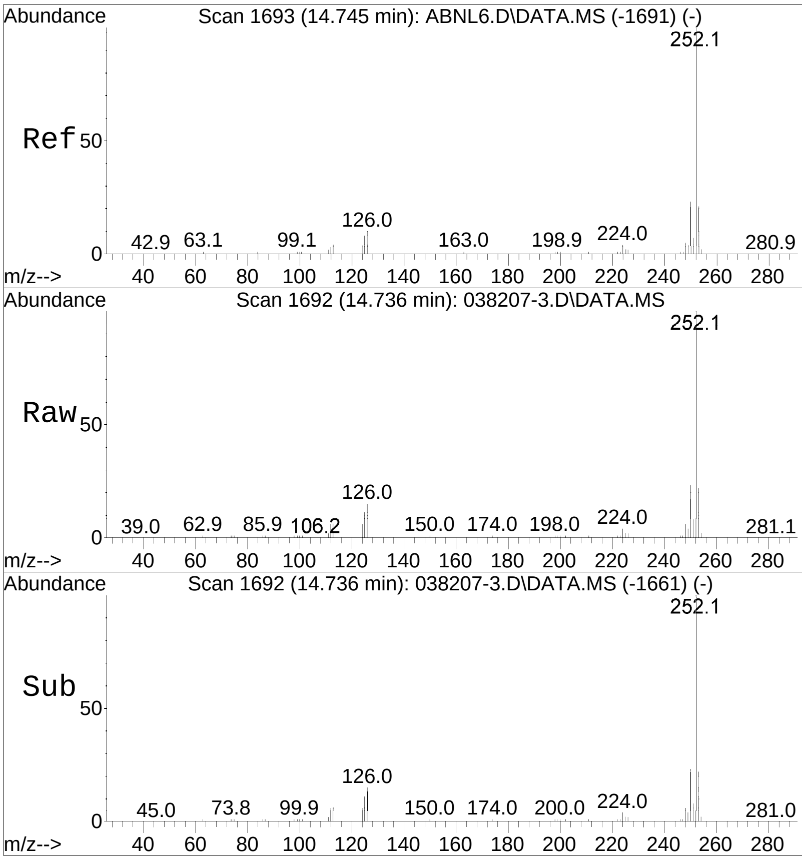




#110
Benzo(b)fluoranthene
Concen: 1.80 ug/ml
RT: 14.713 min Scan# 1689
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:252 Resp: 273750

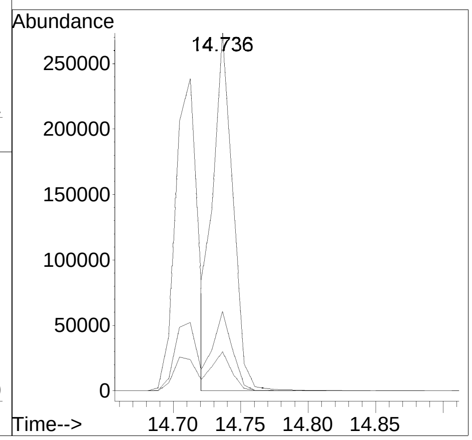
Ion	Ratio	Lower	Upper
252	100		
125	11.2	13.3	19.9#
253	22.2	17.1	25.7

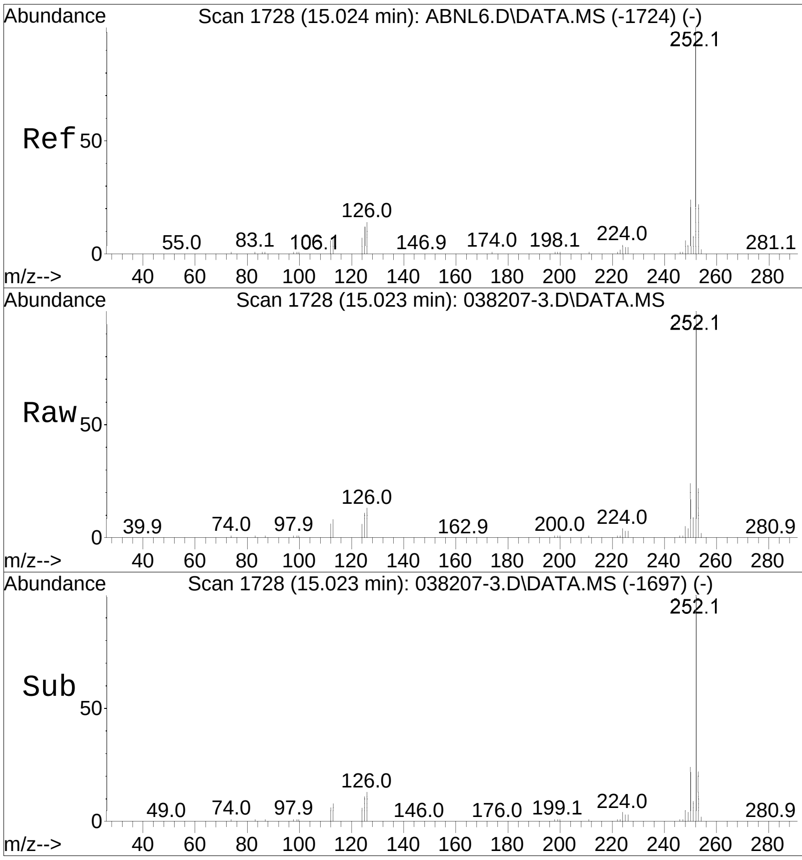


#111
Benzo(k)fluoranthene
Concen: 1.98 ug/ml
RT: 14.736 min Scan# 1692
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:252 Resp: 280214

Ion	Ratio	Lower	Upper
252	100		
125	10.8	13.0	19.6#
253	21.7	16.8	25.2

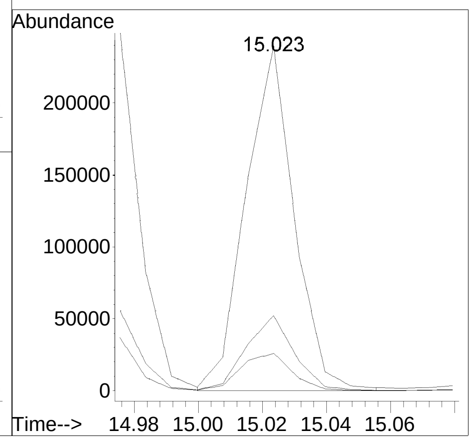


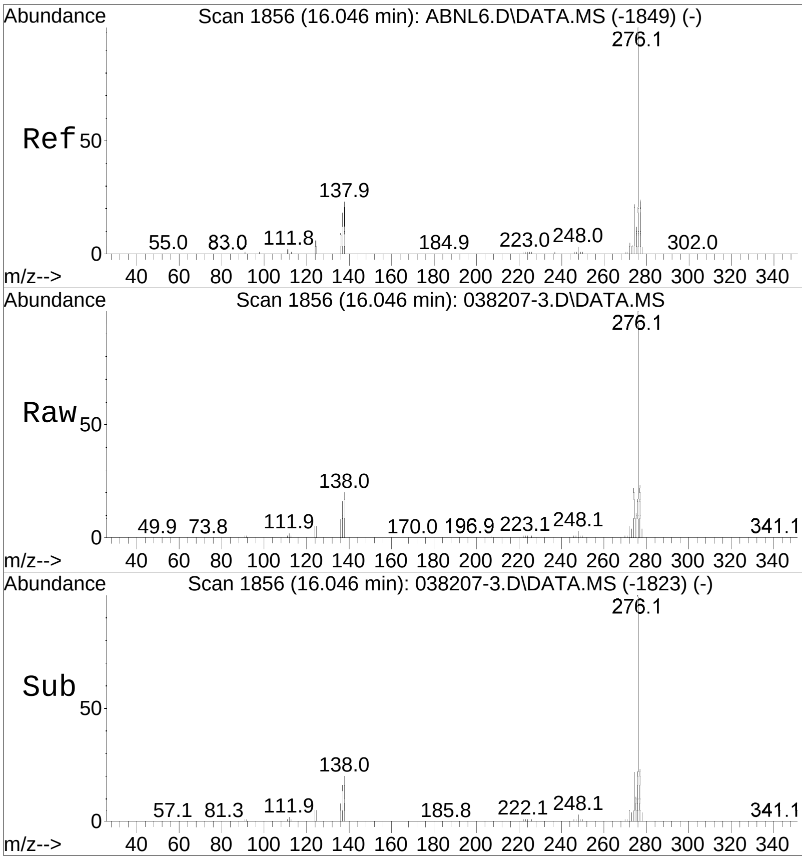


#112
Benzo(a)pyrene
Concen: 1.87 ug/ml M3
RT: 15.023 min Scan# 1728
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:252 Resp: 250891

Ion	Ratio	Lower	Upper
252	100		
125	16.6	14.2	21.2
253	23.3	16.9	25.3

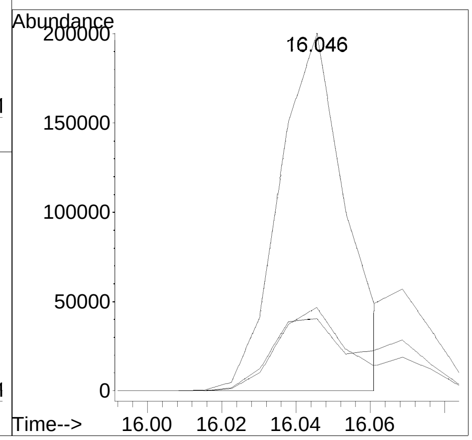


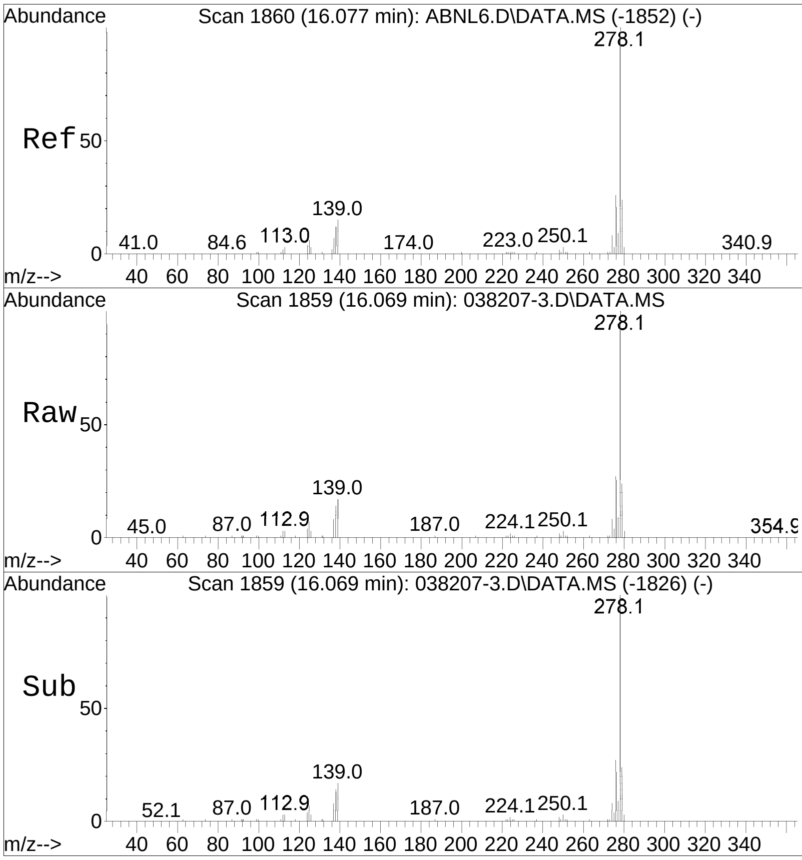


#114
Indeno(1,2,3-cd)pyrene
Concen: 1.93 ug/mL M6
RT: 16.046 min Scan# 1856
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:276 Resp: 251342

Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.1	37.7
277	30.6	18.6	28.0#

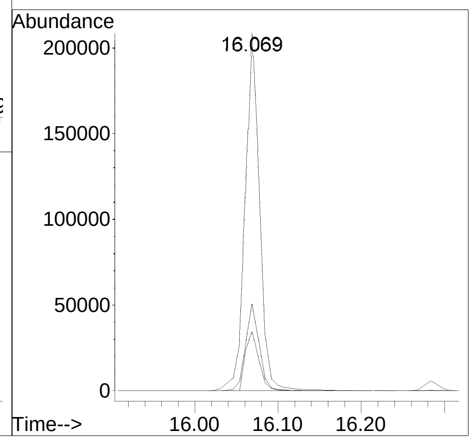


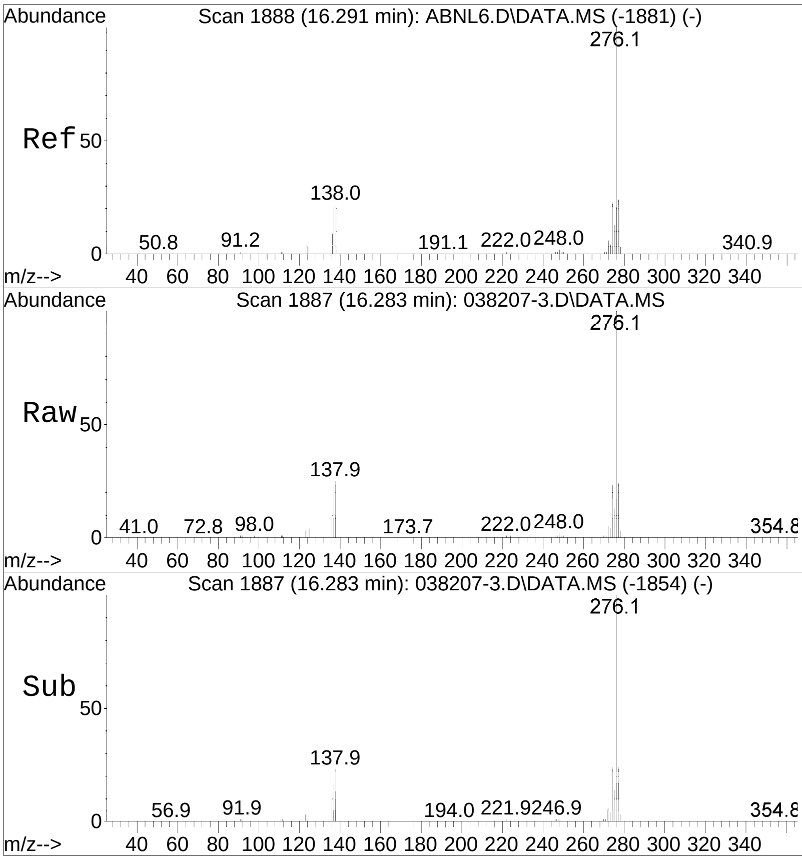


#115
Dibenzo(a,h)anthracene
Concen: 1.94 ug/ml
RT: 16.069 min Scan# 1859
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:278 Resp: 251731

Ion	Ratio	Lower	Upper
278	100		
139	15.6	20.8	31.2#
279	23.2	18.3	27.5

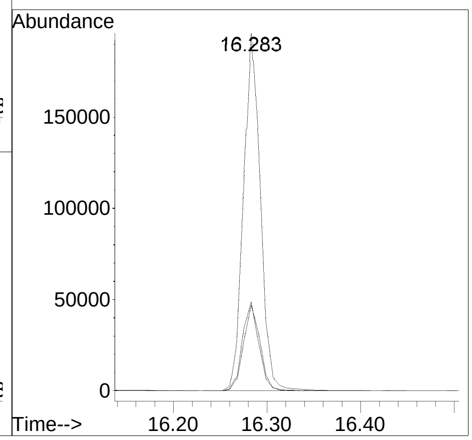




#116
Benzo(ghi)perylene
Concen: 1.92 ug/ml
RT: 16.283 min Scan# 1887
Delta R.T. 0.000 min
Lab File: 038207-3.D
Acq: 13 Mar 2025 2:13 pm

Tgt Ion:276 Resp: 245308

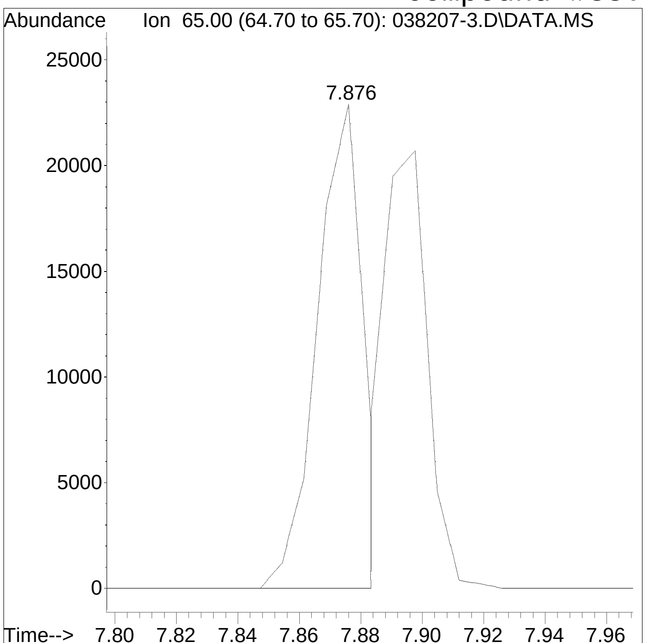
Ion	Ratio	Lower	Upper
276	100		
138	24.4	29.2	43.8#
277	23.7	18.8	28.2

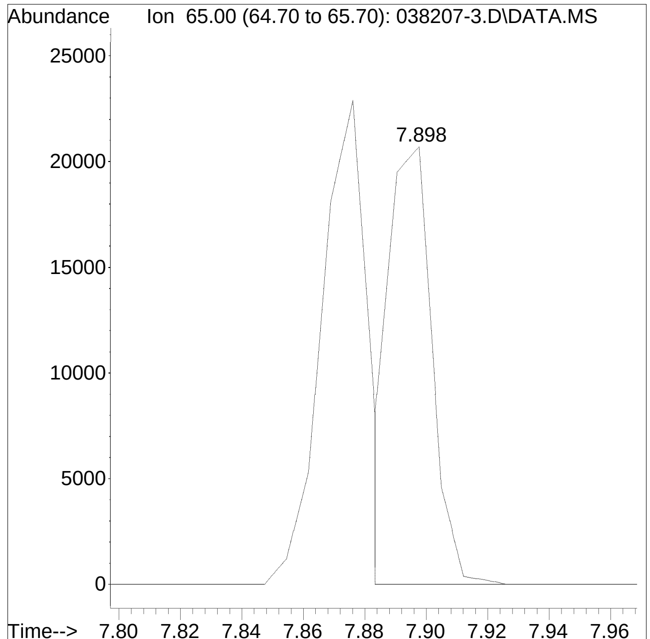


Manual Integration Report

Data Path	: I:\8270\SV106\250313RVT\	QMethod	: FS250311SV106.m
Data File	: 038207-3.D	Operator	: SV106:jg
Date Inj'd	: 3/13/2025 2:13 pm	Instrument	: SV 106
Sample	: WG2038207-3,32,,gmr	Quant Date	: 3/13/2025 4:37 pm

Compound #38: 4-Chloroaniline





Original Peak Response = 24021 Manual Peak Response = 19614 M3

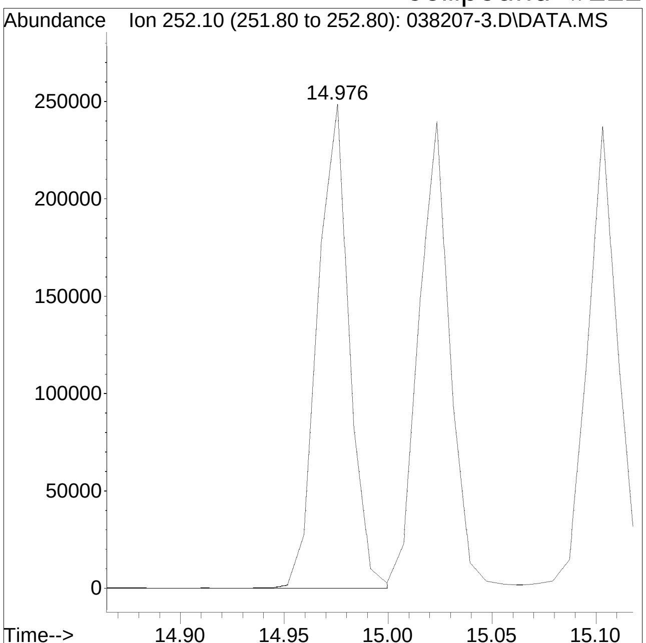
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

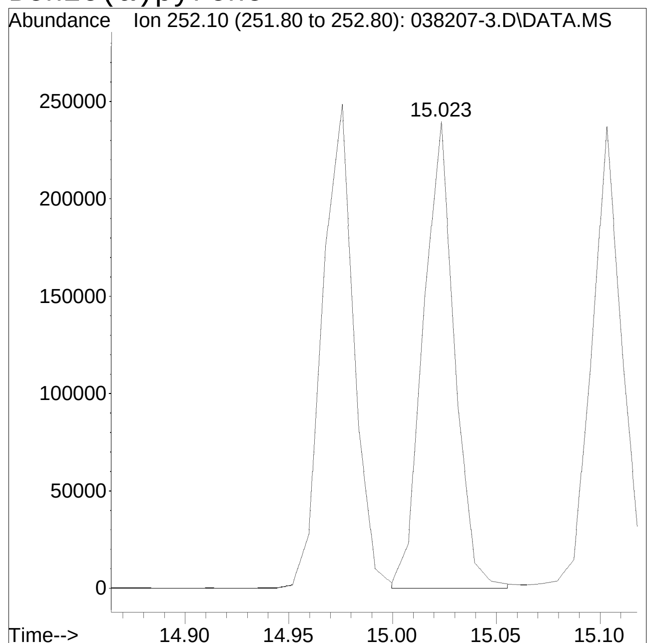
Manual Integration Report

Data Path : I:\8270\SV106\250313RVT\
Data File : 038207-3.D
Date Inj'd : 3/13/2025 2:13 pm
Sample : WG2038207-3,32,,gmr

QMethod : FS250311SV106.m
Operator : SV106:jg
Instrument : SV 106
Quant Date : 3/13/2025 4:37 pm

Compound #112: Benzo(a)pyrene





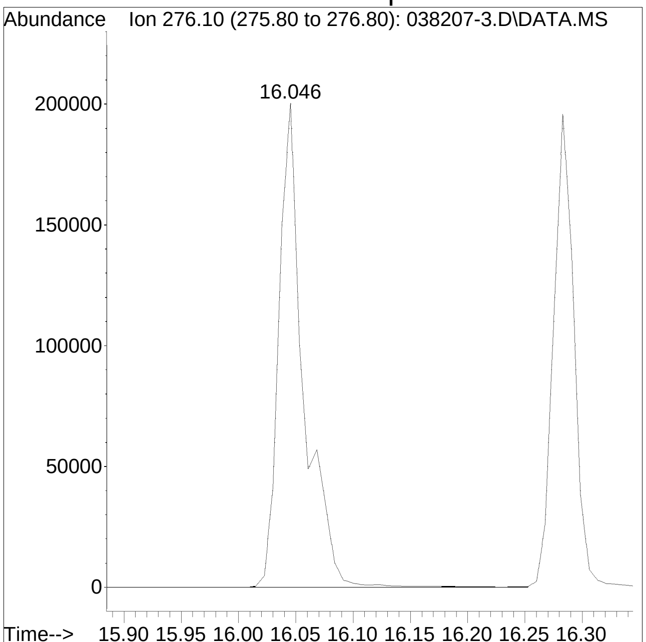
Original Peak Response = 262318   Manual Peak Response = 250891 M3

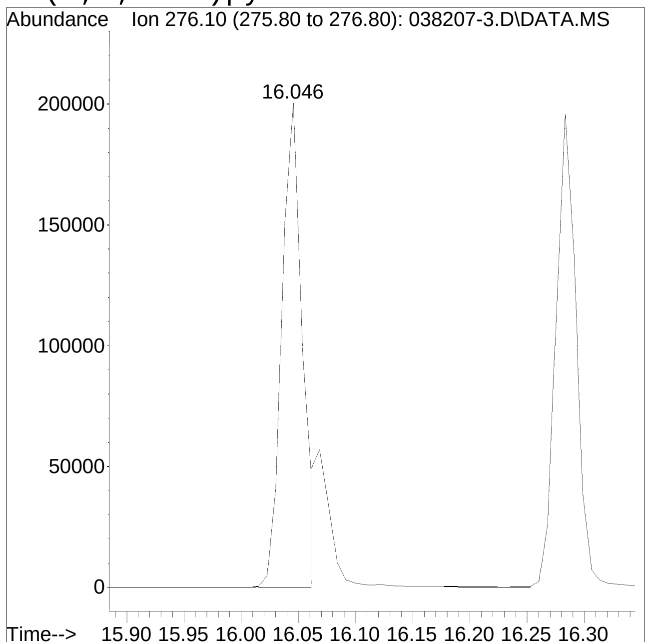
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270\SV106\250313RVT\  QMethod     : FS250311SV106.m
Data File   : 038207-3.D                Operator    : SV106:jg
Date Inj'd  : 3/13/2025  2:13 pm        Instrument  : SV 106
Sample      : WG2038207-3,32,,gmr       Quant Date  : 3/13/2025  4:37 pm
```

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 303844   Manual Peak Response = 251342 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 038207-4.D
Acq On    : 14 Mar 2025  12:12 pm
Operator  : Dakota:smz
Sample    : WG2038207-4,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 14 12:37:35 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.280  152     23776     4.000 ug/ml    0.00
   Standard Area 1 = 21719                 Recovery   =  109.47%
27) IS2_1,4-Dichlorobenzen...   4.280  152     23776     4.000 ug/ml    0.00
   Standard Area 3 = 21435                 Recovery   =  110.92%
37) IS1_Naphthalene-d8          5.520  136     93125     4.000 ug/ml  # 0.00
   Standard Area 1 = 84947                 Recovery   =  109.63%
57) IS2_Naphthalene-d8          5.520  136     93125     4.000 ug/ml  # 0.00
   Standard Area 3 = 81068                 Recovery   =  114.87%
65) IS1_Acenaphthene-d10        7.211  164     60782     4.000 ug/ml    0.00
   Standard Area 1 = 58301                 Recovery   =  104.26%
85) IS2_Acenaphthene-d10        7.211  164     60782     4.000 ug/ml    0.00
   Standard Area 3 = 54251                 Recovery   =  112.04%
88) IS3_Acenaphthene-d10        7.211  164     60782     4.000 ug/ml    0.00
   Standard Area 2 = 54233                 Recovery   =  112.08%
90) IS1_Phenanthrene-d10        8.628  188    133531     4.000 ug/ml    0.00
   Standard Area 1 = 128488                 Recovery   =  103.92%
102) IS3_Phenanthrene-d10       8.628  188    133531     4.000 ug/ml    0.00
   Standard Area 2 = 123626                 Recovery   =  108.01%
106) IS1_Chrysene-d12          11.199  240    157103     4.000 ug/ml    0.00
   Standard Area 1 = 158360                 Recovery   =   99.21%
115) IS1_Perylene-d12          12.622  264    197861     4.000 ug/ml    0.00
   Standard Area 1 = 188902                 Recovery   =  104.74%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.006  112      4528     0.741 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   37.05%
 7) Phenol-d6                   3.997   99      4361     0.557 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   27.85%
19) Nitrobenzene-d5             4.836   82      7085     0.997 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   99.70%
48) 2-Fluorobiphenyl            6.592  172     18965     0.823 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   82.30%
81) 2,4,6-Tribromophenol        7.972  330      5137     1.182 ug/ml   0.00
   Spiked Amount      2.000   Range  15 - 110    Recovery   =   59.10%
98) 4-Terphenyl-d14            10.195  244     32650     0.845 ug/ml   0.00
   Spiked Amount      1.000   Range  30 - 130    Recovery   =   84.50%
```

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 038207-4.D
Acq On    : 14 Mar 2025  12:12 pm
Operator  : Dakota:smz
Sample    : WG2038207-4,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Mar 14 12:37:35 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	4.081	128	9045	1.242 ug/ml#	88
8) Phenol	4.013	94	5313	0.629 ug/ml	96
9) Bis(2-chloroethyl)ether	4.056	93	10686	1.767 ug/ml	98
10) 1,3-Dichlorobenzene	4.221	146	11974	1.278 ug/ml	94
11) 1,4-Dichlorobenzene	4.295	146	13130	1.372 ug/ml	95
12) 1,2-Dichlorobenzene	4.445	146	12512	1.372 ug/ml	89
13) Benzyl alcohol	4.454	79	8643	1.563 ug/ml	98
14) Bis(2-chloroisopropyl)...	4.597	45	19951	1.871 ug/ml#	72
15) 2-Methylphenol	4.597	108	7794	1.215 ug/ml	96
17) n-Nitrosodi-n-propylamine	4.721	70	9399	1.833 ug/ml#	87
18) 3-Methylphenol/4-Methy...	4.759	108	8524	1.213 ug/ml	99
20) Nitrobenzene	4.852	77	13859	1.908 ug/ml	94
21) Isophorone	5.094	82	23765	1.779 ug/ml#	91
22) 2-Nitrophenol	5.166	139	5381	1.463 ug/ml#	86
23) 2,4-Dimethylphenol	5.265	107	6524	0.997 ug/ml	96
24) Bis(2-chloroethoxy)met...	5.340	93	15348	1.845 ug/ml#	94
25) 2,4-Dichlorophenol	5.414	162	10614	1.390 ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.480	180	12672	1.371 ug/ml	97
29) Acetophenone	4.696	105	17801	2.134 ug/ml#	85
39) Benzoic Acid	5.334	105	834	0.157 ug/ml#	84
40) 4-Chloroaniline	5.626	65	4709	1.673 ug/ml	95
42) p-Chloro-m-cresol	6.139	107	10680	1.583 ug/ml	92
45) Hexachlorocyclopentadiene	6.390	237	5545	0.875 ug/ml	97
46) 2,4,6-Trichlorophenol	6.515	196	8213	1.231 ug/ml	97
47) 2,4,5-Trichlorophenol	6.549	196	9486	1.272 ug/ml	98
50) 2-Nitroaniline	6.801	138	9219	1.815 ug/ml	83
53) Dimethyl phthalate	7.006	163	38192	1.656 ug/ml#	98
55) 2,6-Dinitrotoluene	7.046	165	7610	1.767 ug/ml	85
63) 1,2,4,5-Tetrachloroben...	6.387	216	14729	1.532 ug/ml	96
64) Biphenyl	6.679	154	34589	1.765 ug/ml	96
66) 3-Nitroaniline	7.198	138	8101	1.726 ug/ml	92
68) 2,4-Dinitrophenol	7.301	184	1195	1.001 ug/ml#	58
69) Dibenzofuran	7.410	168	48575	1.594 ug/ml	99
70) 2,4-Dinitrotoluene	7.432	165	10354	1.760 ug/ml#	79
71) 4-Nitrophenol	7.416	65	3319	0.949 ug/ml#	1
74) Diethyl phthalate	7.693	149	38097	1.592 ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 038207-4.D
Acq On : 14 Mar 2025 12:12 pm
Operator : Dakota:smz
Sample : WG2038207-4,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 12:37:35 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76)	4-Chlorophenyl phenyl ...	7.764	204	18451	1.534 ug/ml#	86
77)	4-Nitroaniline	7.780	138	8167	1.800 ug/ml#	81
78)	4,6-Dinitro-o-cresol	7.817	198	3823	1.075 ug/ml#	60
79)	NDPA/DPA	7.882	169	33376	1.643 ug/ml	93
82)	4-Bromophenyl phenyl e...	8.227	248	12332	1.556 ug/ml#	82
93)	Carbazole	8.874	167	64064	1.803 ug/ml	97
94)	Di-n-butylphthalate	9.275	149	66319	1.646 ug/ml	99
99)	Butyl benzyl phthalate	10.714	149	30675	1.778 ug/ml#	84
108)	3,3'-Dichlorobenzidine	11.205	252	31334	1.580 ug/ml#	95
110)	Bis(2-ethylhexyl)phtha...	11.342	149	49965	1.751 ug/ml#	88
111)	Di-n-octylphthalate	12.000	149	80875	1.699 ug/ml#	76

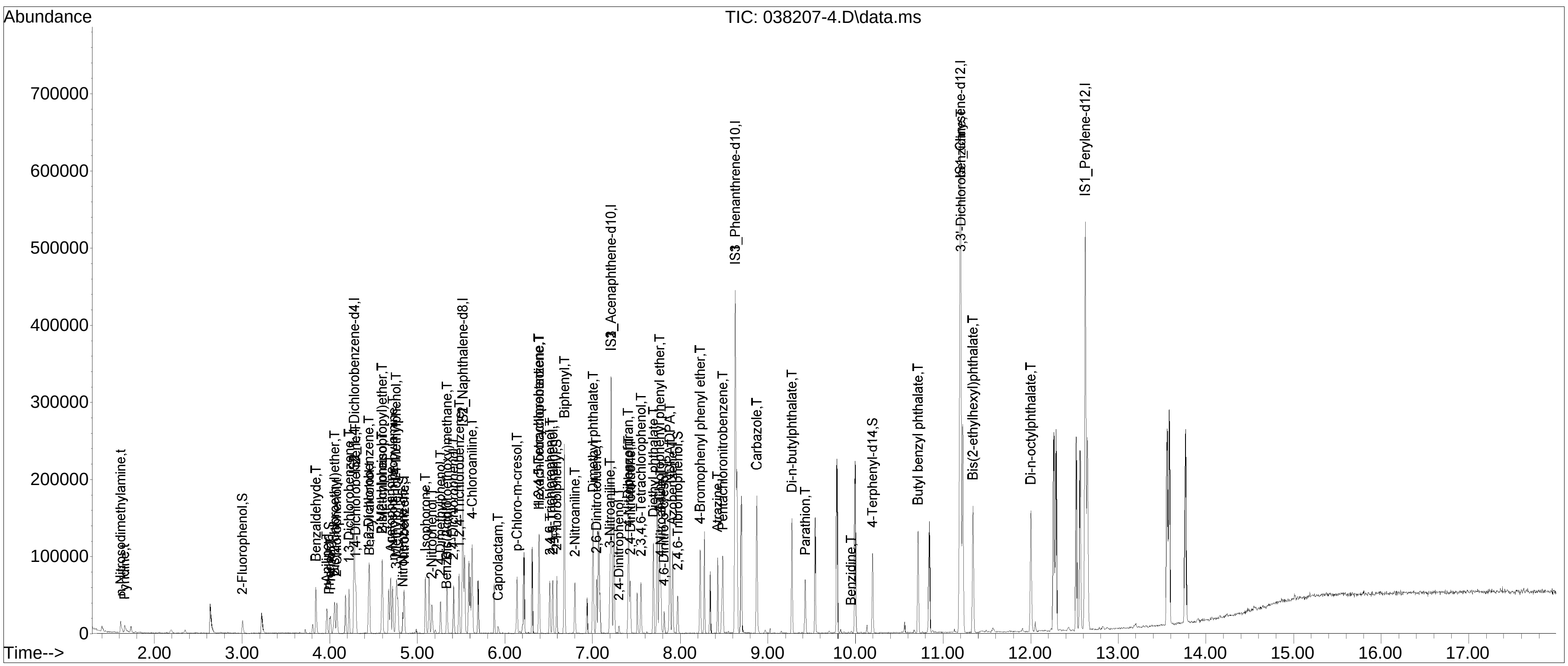
(#) = qualifier out of range (m) = manual integration (+) = signals summed

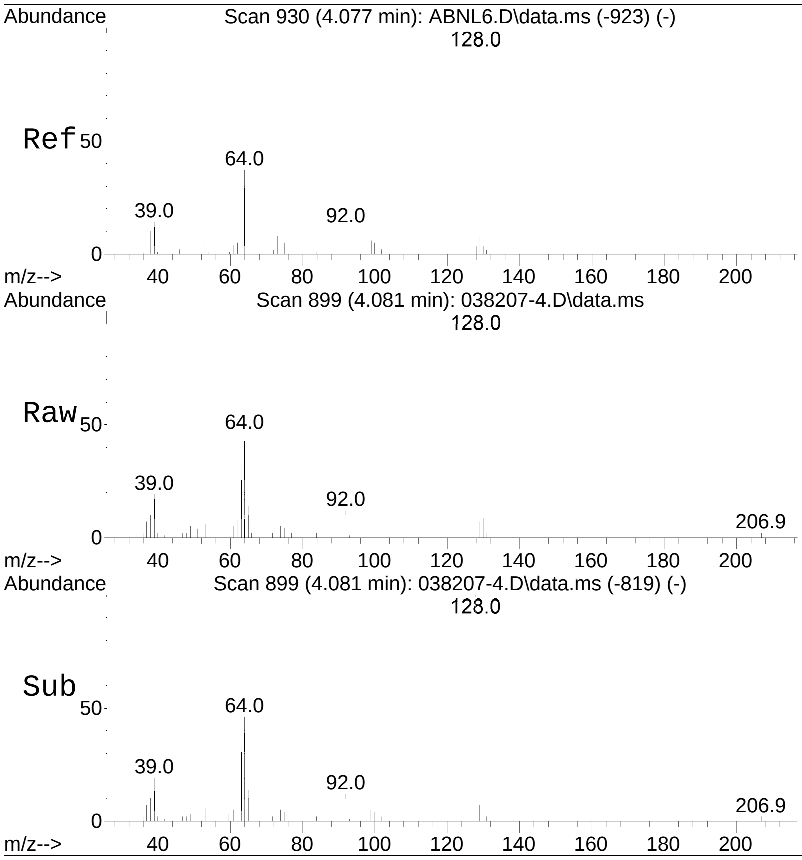
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 038207-4.D
Acq On : 14 Mar 2025 12:12 pm
Operator : Dakota:smz
Sample : WG2038207-4,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 12:37:35 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MAP90314.D•

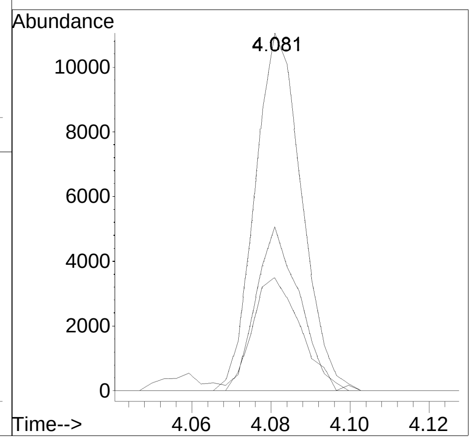


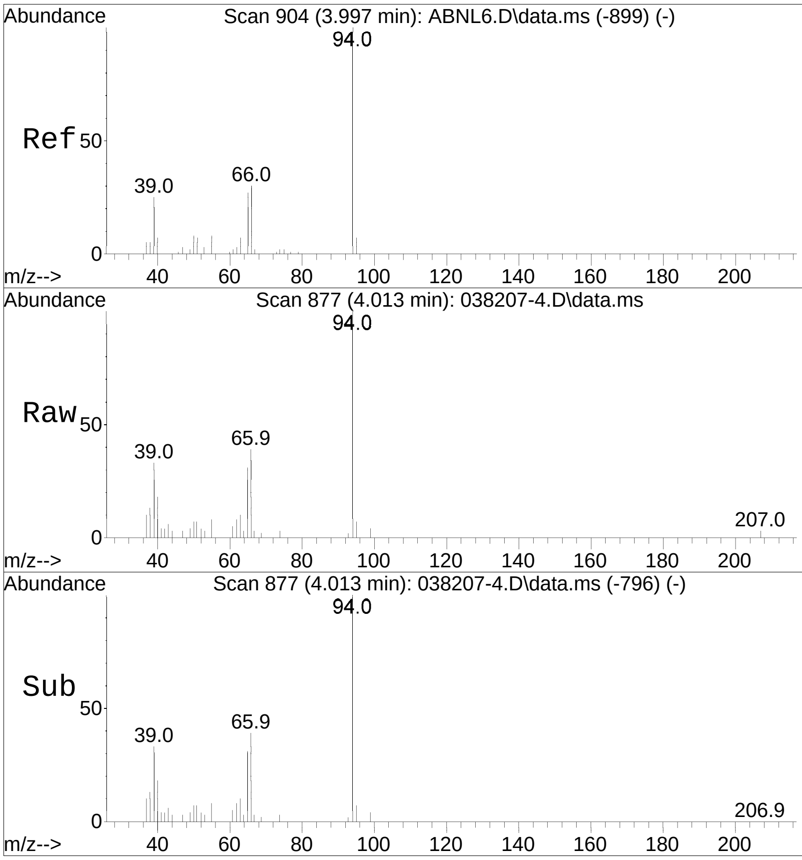


#6
2-Chlorophenol
Concen: 1.24 ug/ml
RT: 4.081 min Scan# 899
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:128 Resp: 9045

Ion	Ratio	Lower	Upper
128	100		
64	42.5	45.1	67.7#
130	32.5	26.2	39.4

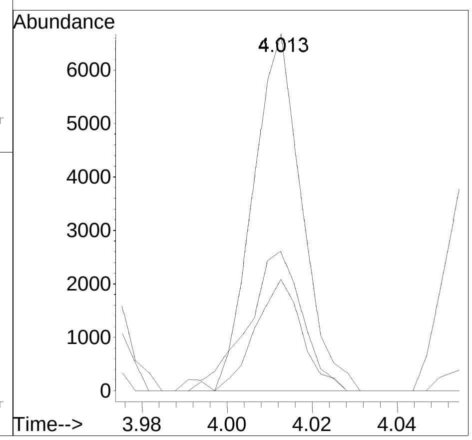


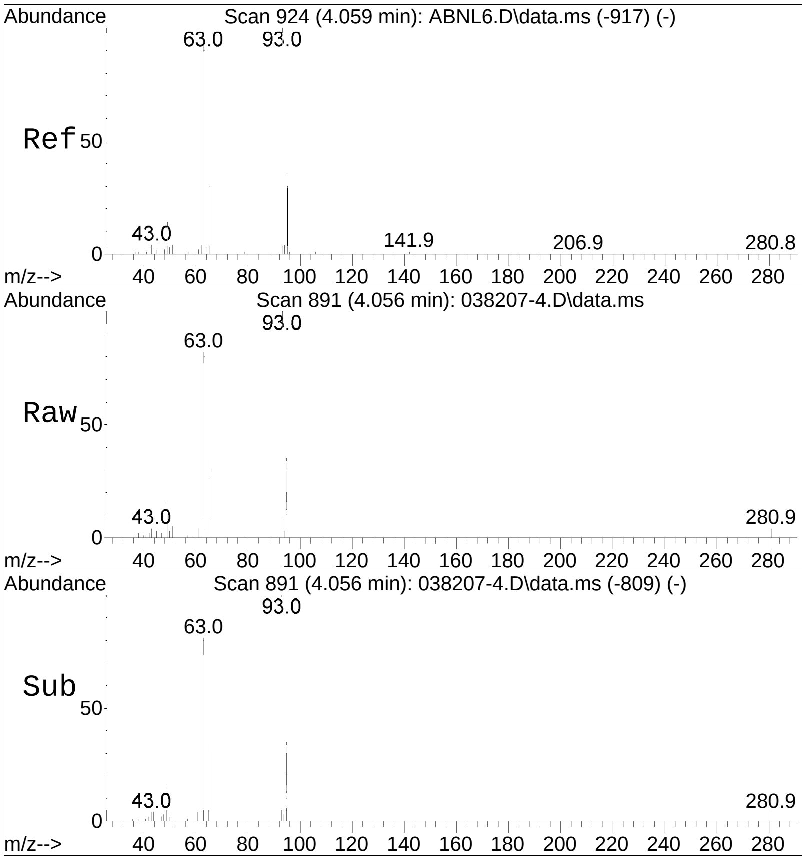


#8
Phenol
Concen: 0.63 ug/ml
RT: 4.013 min Scan# 877
Delta R.T. 0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion: 94 Resp: 5313

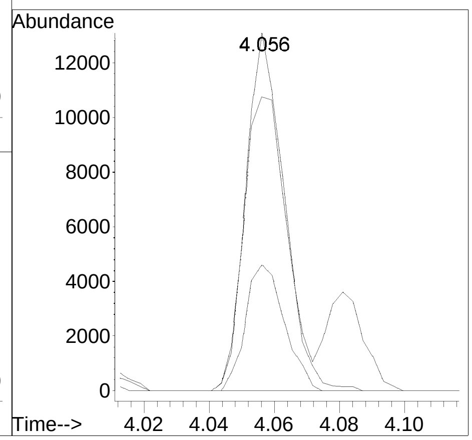
Ion	Ratio	Lower	Upper
94	100		
65	30.5	26.0	39.0
66	44.5	33.8	50.8

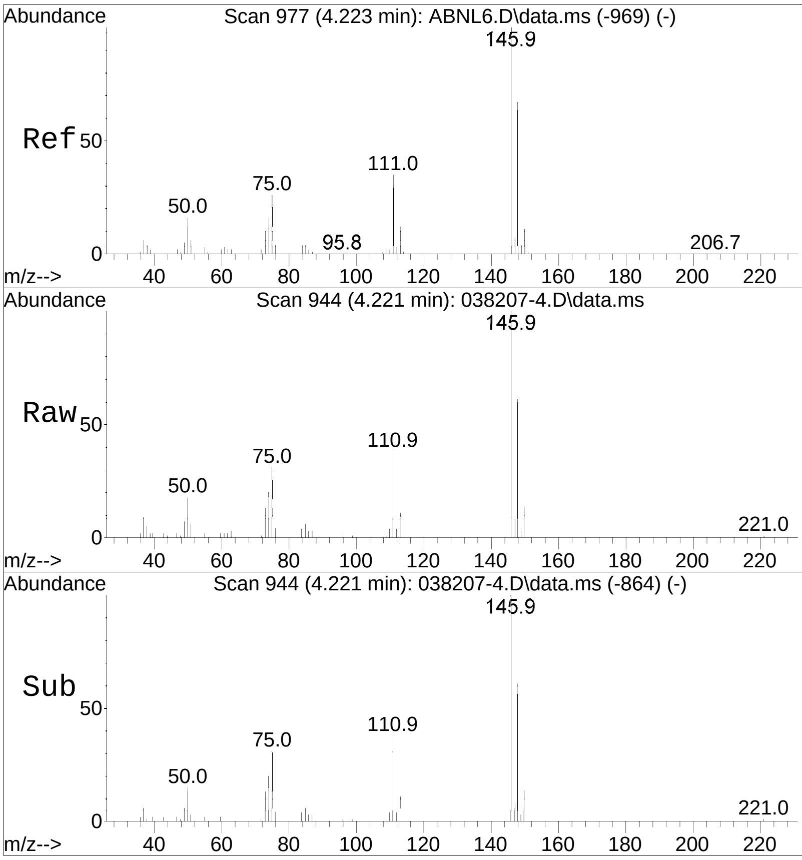





```
#9
Bis(2-chloroethyl)ether
Concen:    1.77 ug/ml
RT:   4.056 min  Scan# 891
Delta R.T.  0.003 min
Lab File:   038207-4.D
Acq: 14 Mar 2025  12:12 pm

Tgt Ion: 93 Resp:   10686
Ion  Ratio  Lower  Upper
 93  100
 63   92.7   74.6  111.8
 95   36.0   25.9   38.9
```

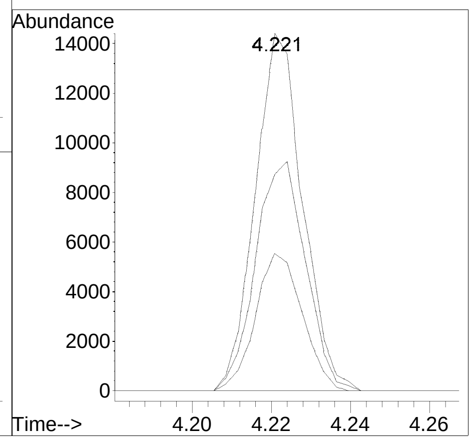


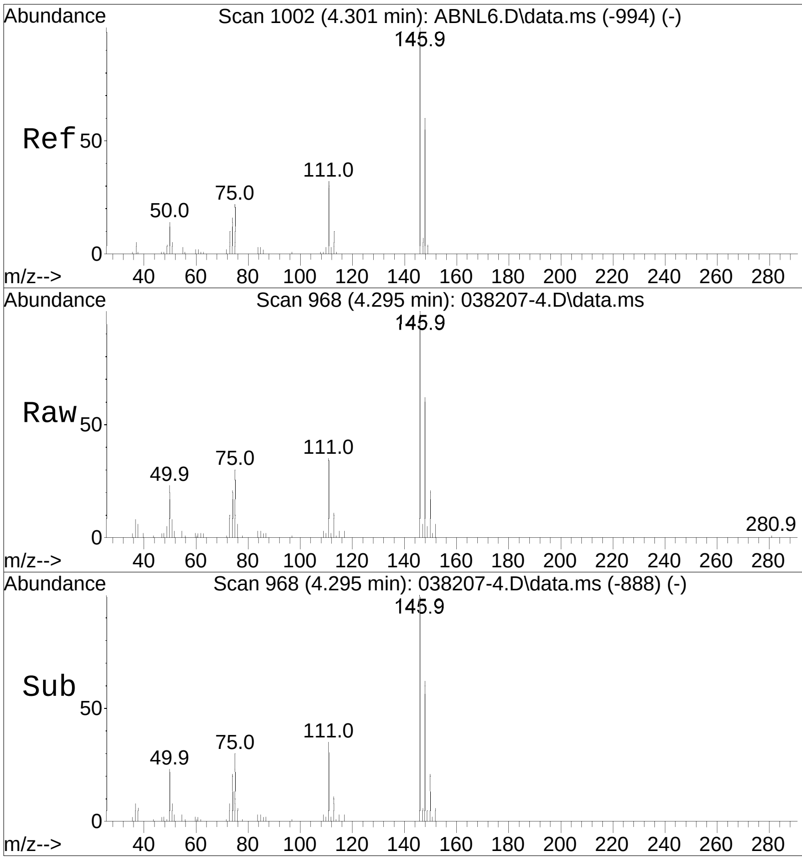


#10
1,3-Dichlorobenzene
Concen: 1.28 ug/ml
RT: 4.221 min Scan# 944
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:146 Resp: 11974

Ion	Ratio	Lower	Upper
146	100		
111	38.1	34.3	51.5
148	67.9	50.8	76.2

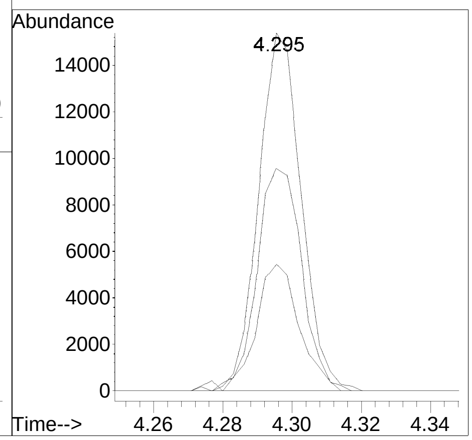


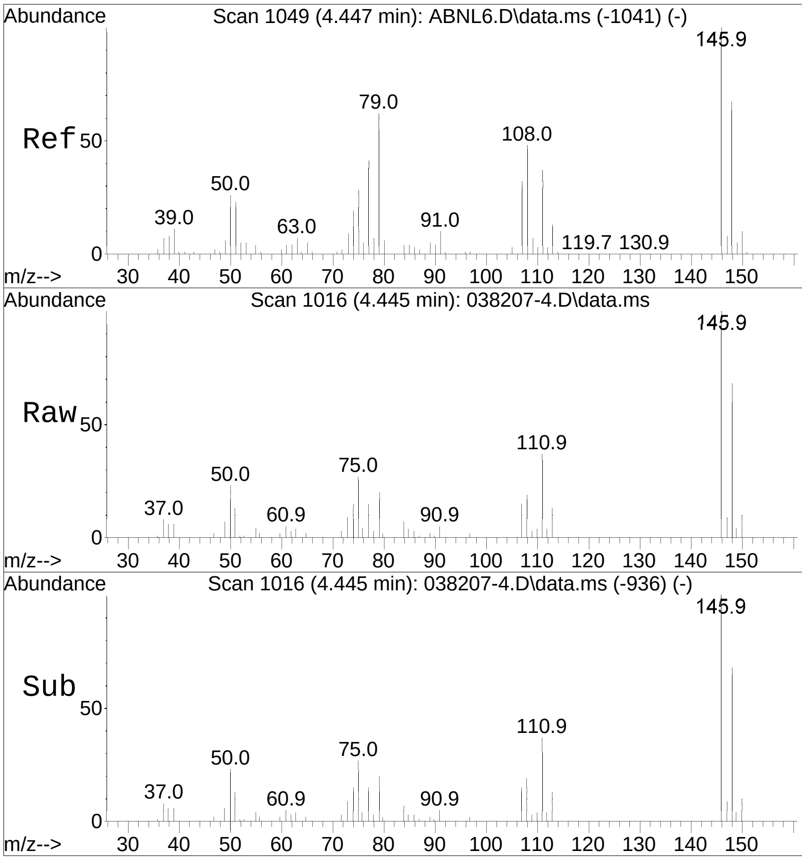


#11
1,4-Dichlorobenzene
Concen: 1.37 ug/ml
RT: 4.295 min Scan# 968
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:146 Resp: 13130

Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.7	76.1
111	36.6	33.4	50.0

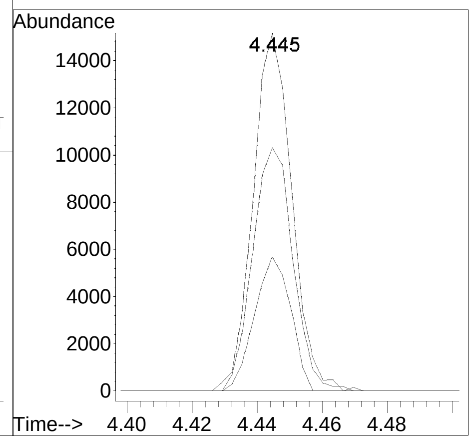


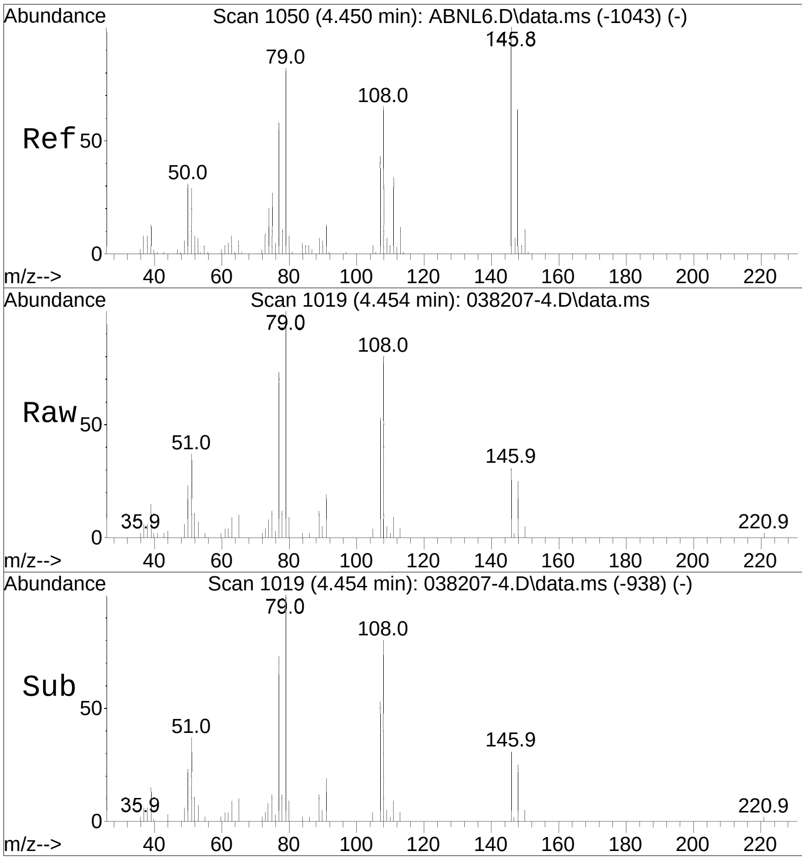


#12
1,2-Dichlorobenzene
Concen: 1.37 ug/ml
RT: 4.445 min Scan# 1016
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:146 Resp: 12512

Ion	Ratio	Lower	Upper
146	100		
111	35.1	34.6	52.0
148	71.0	50.2	75.4

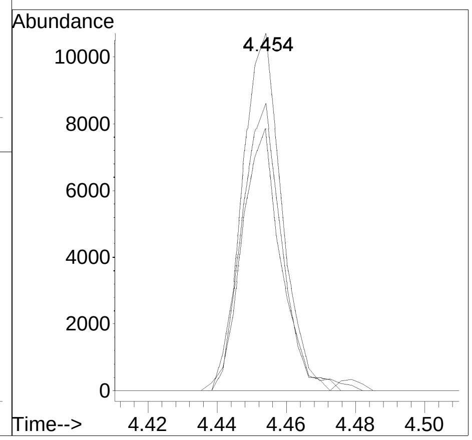


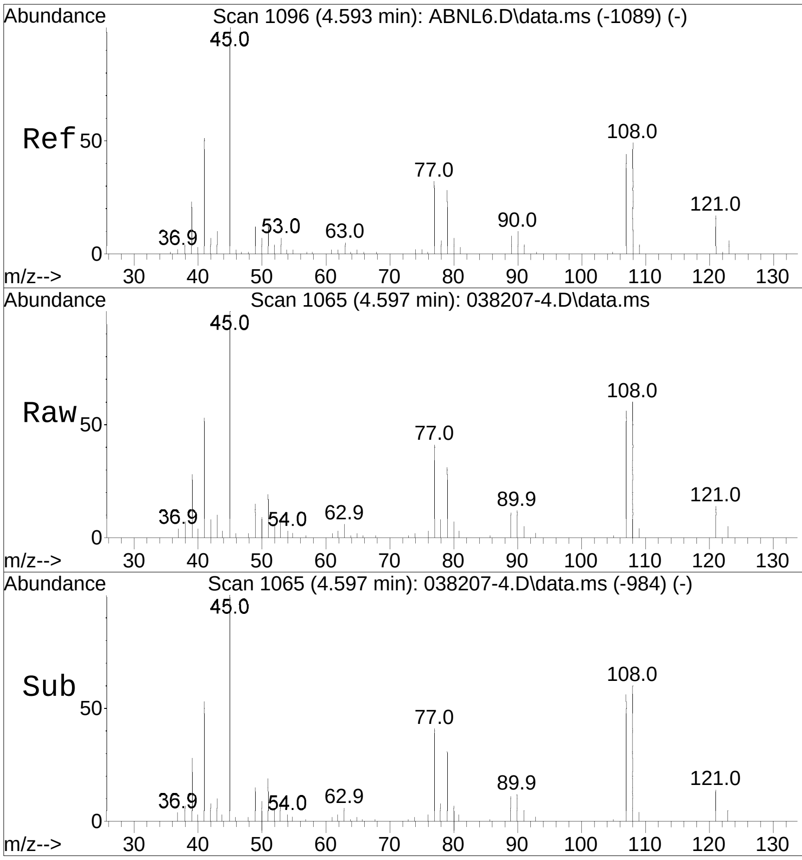


#13
Benzyl alcohol
Concen: 1.56 ug/ml
RT: 4.454 min Scan# 1019
Delta R.T. 0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion: 79 Resp: 8643

Ion	Ratio	Lower	Upper
79	100		
77	71.2	54.9	82.3
108	79.4	63.1	94.7

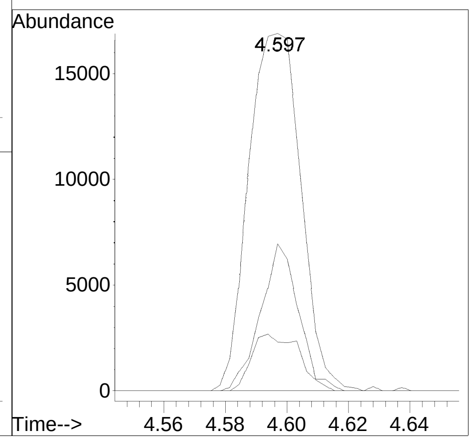


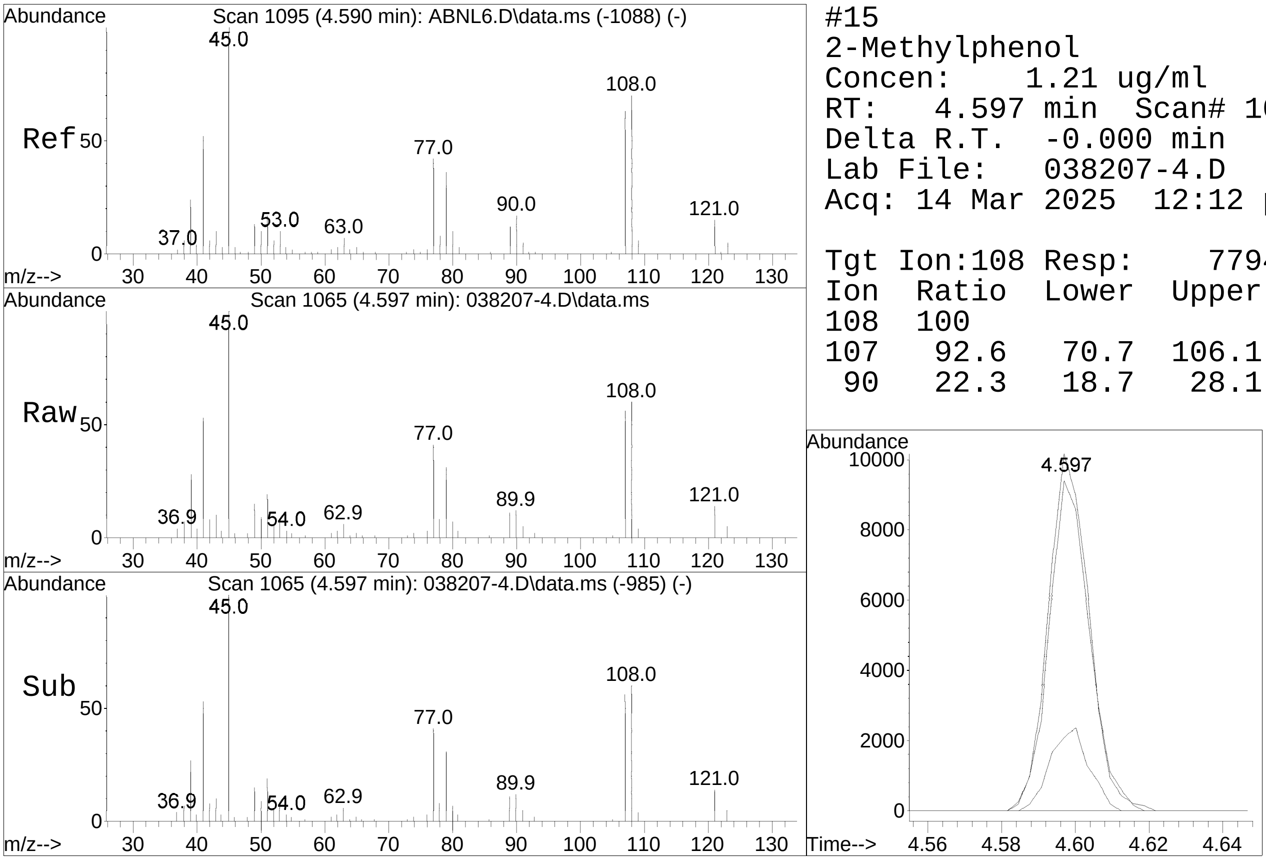


#14
Bis(2-chloroisopropyl)ether
Concen: 1.87 ug/ml
RT: 4.597 min Scan# 1065
Delta R.T. 0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion: 45 Resp: 19951

Ion	Ratio	Lower	Upper
45	100		
121	14.4	9.8	14.6
77	29.9	6.1	9.1#

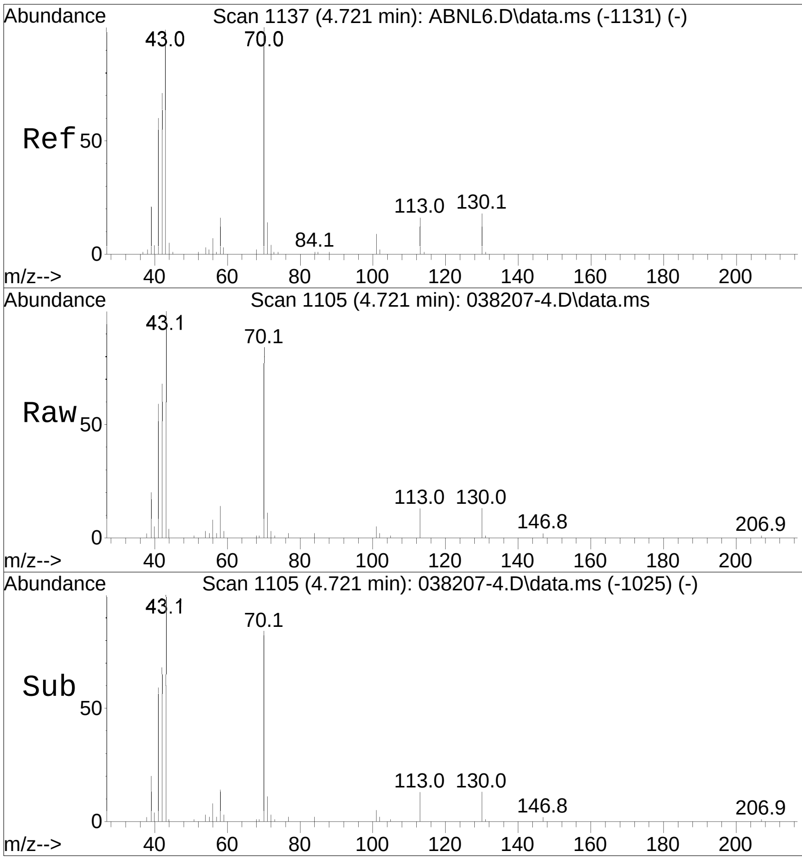




#15
2-Methylphenol
Concen: 1.21 ug/ml
RT: 4.597 min Scan# 1065
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:108 Resp: 7794

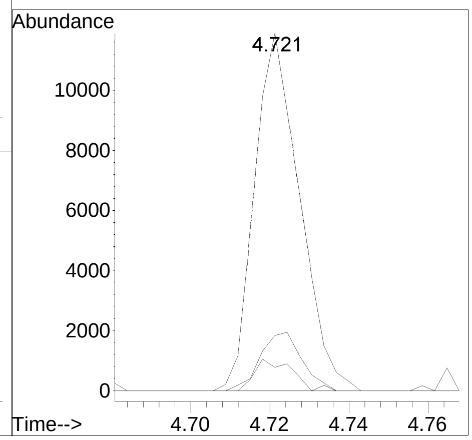
Ion	Ratio	Lower	Upper
108	100		
107	92.6	70.7	106.1
90	22.3	18.7	28.1

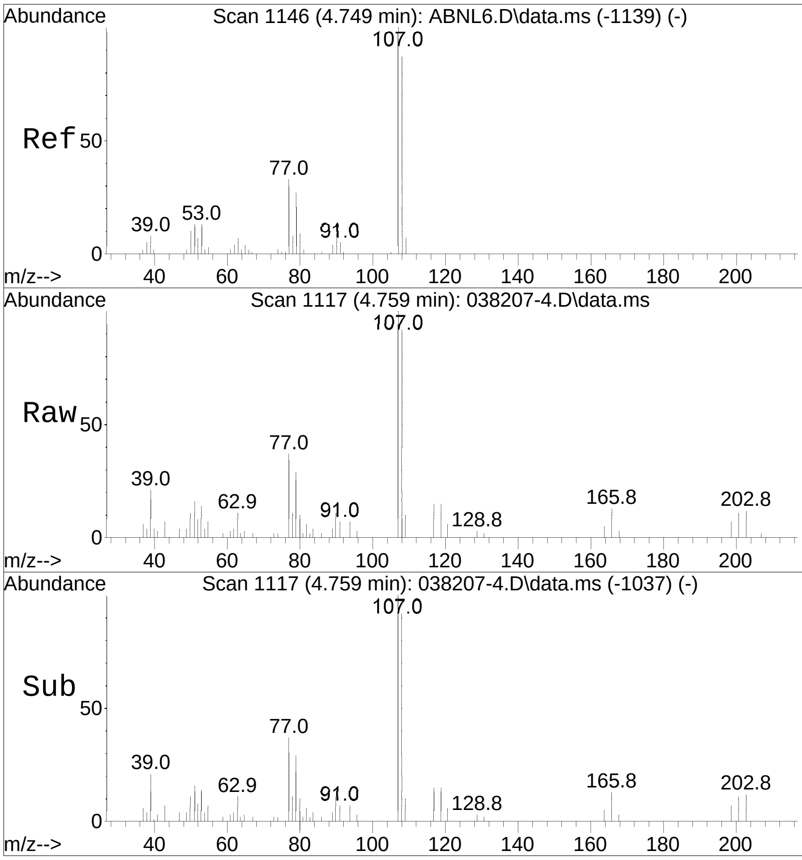


#17
n-Nitrosodi-n-propylamine
Concen: 1.83 ug/ml
RT: 4.721 min Scan# 1105
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion: 70 Resp: 9399

Ion	Ratio	Lower	Upper
70	100		
130	15.2	18.2	27.4#
101	7.4	7.8	11.8#

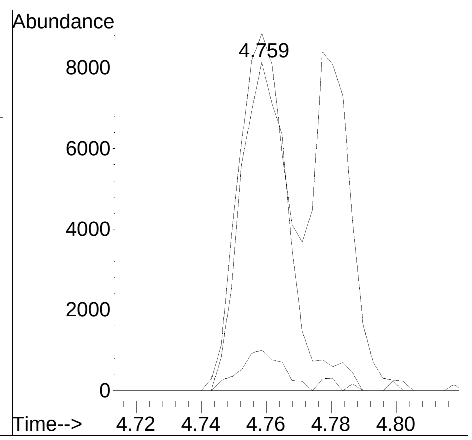


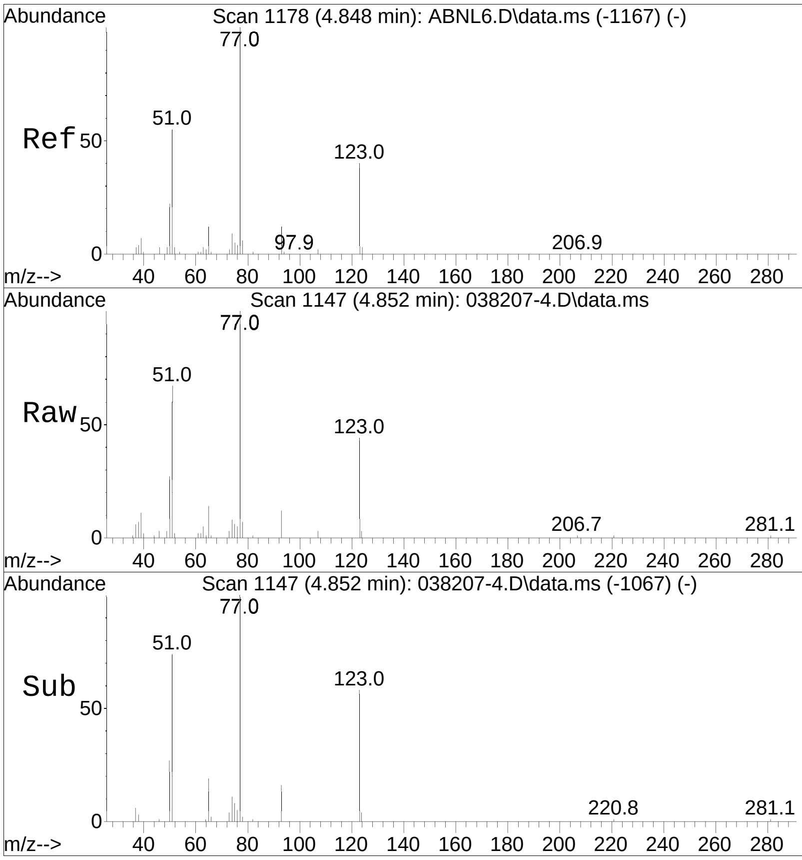


#18
3-Methylphenol/4-Methylphenol
Concen: 1.21 ug/ml
RT: 4.759 min Scan# 1117
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:108 Resp: 8524

Ion	Ratio	Lower	Upper
108	100		
107	110.0	88.6	132.8
90	10.9	8.8	13.2

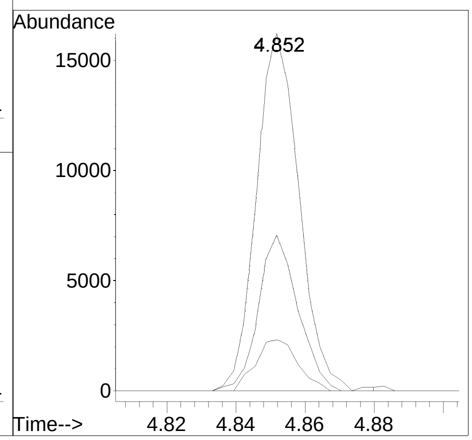


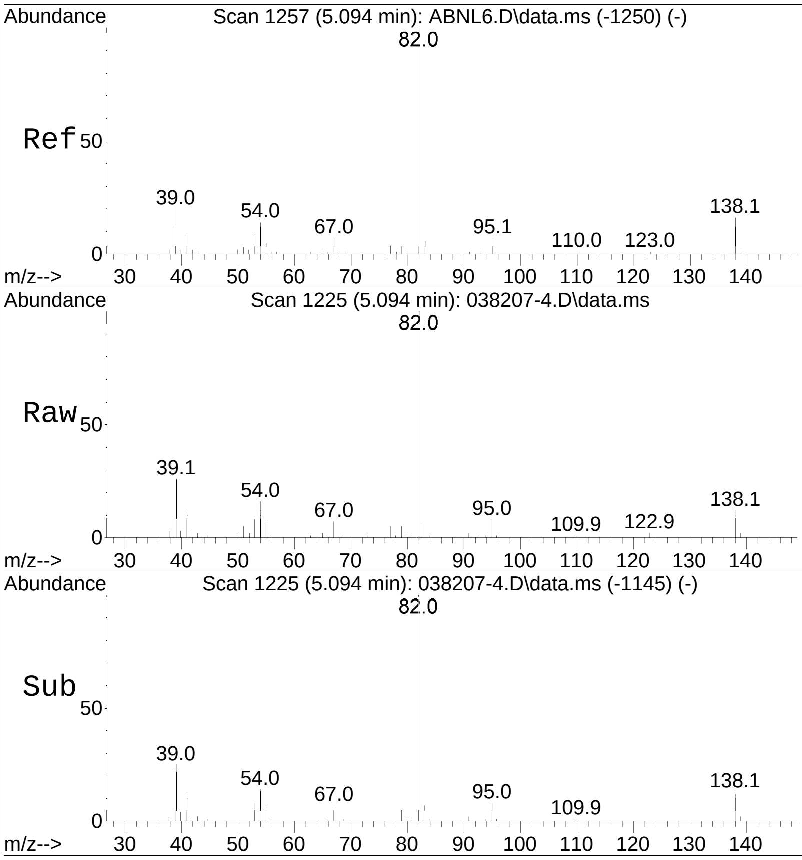


#20
Nitrobenzene
Concen: 1.91 ug/ml
RT: 4.852 min Scan# 1147
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion: 77 Resp: 13859

Ion	Ratio	Lower	Upper
77	100		
123	40.4	36.3	54.5
65	14.3	11.6	17.4

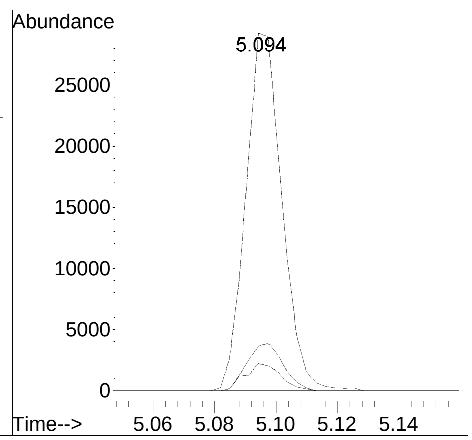


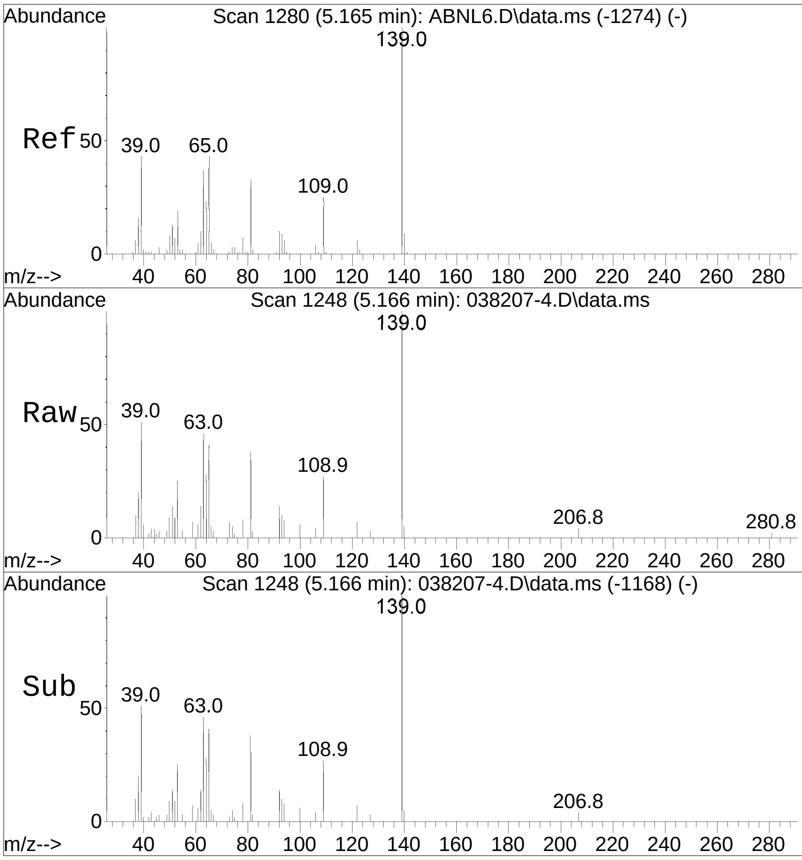


#21
Isophorone
Concen: 1.78 ug/ml
RT: 5.094 min Scan# 1225
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion: 82 Resp: 23765

Ion	Ratio	Lower	Upper
82	100		
138	13.2	14.7	22.1#
95	7.5	5.2	7.8

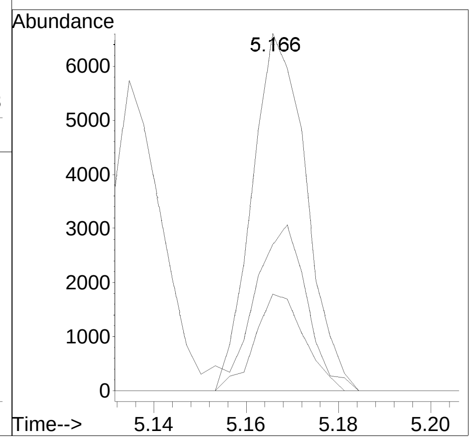


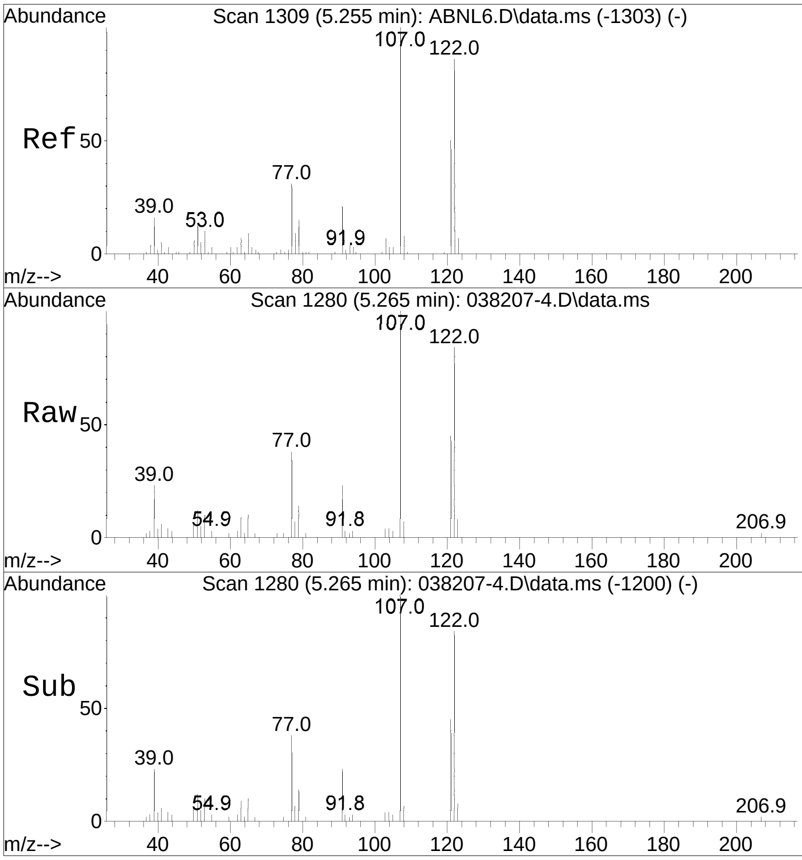


#22
2-Nitrophenol
Concen: 1.46 ug/ml
RT: 5.166 min Scan# 1248
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:139 Resp: 5381

Ion	Ratio	Lower	Upper
139	100		
109	24.8	19.4	29.0
65	43.2	46.1	69.1#

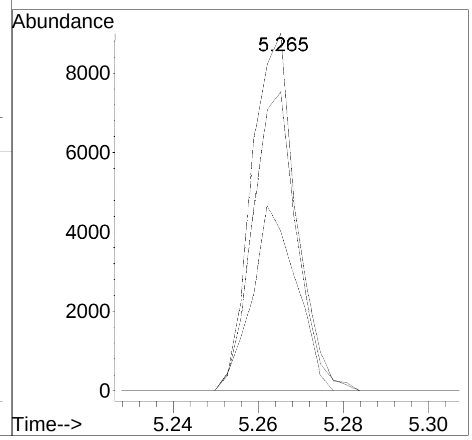


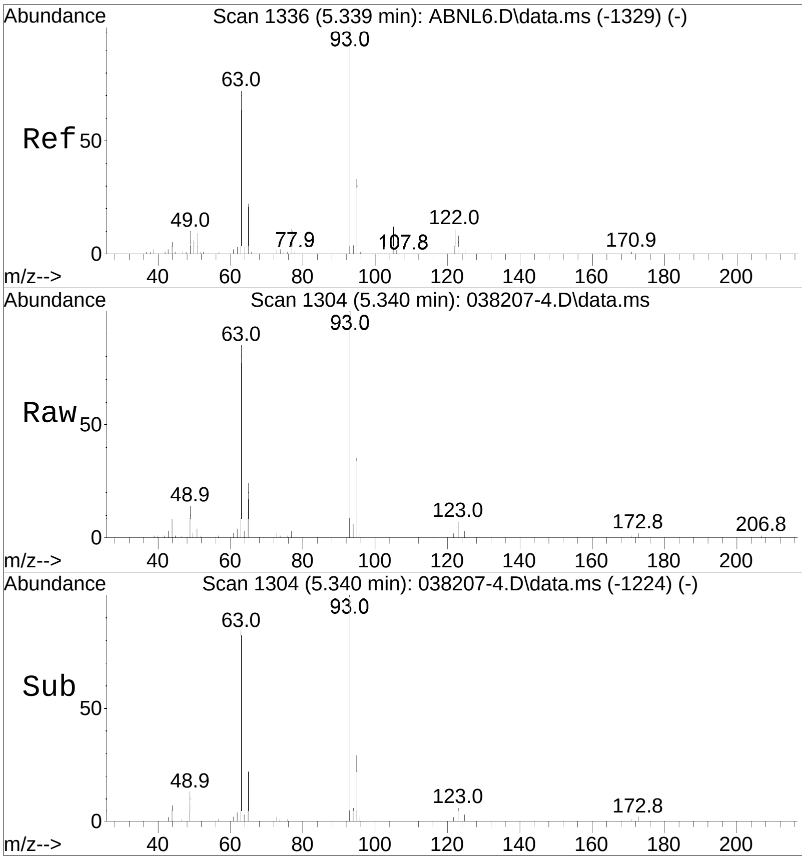


#23
2,4-Dimethylphenol
Concen: 1.00 ug/ml
RT: 5.265 min Scan# 1280
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:107 Resp: 6524

Ion	Ratio	Lower	Upper
107	100		
121	52.0	40.0	60.0
122	83.2	70.2	105.4

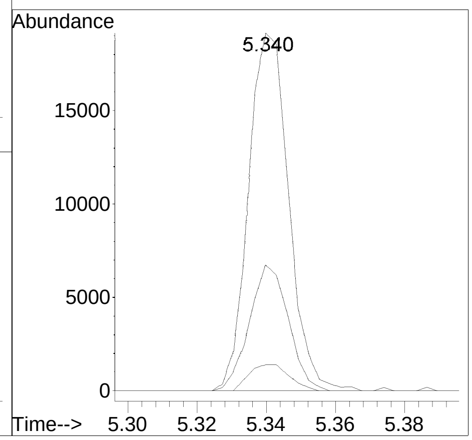


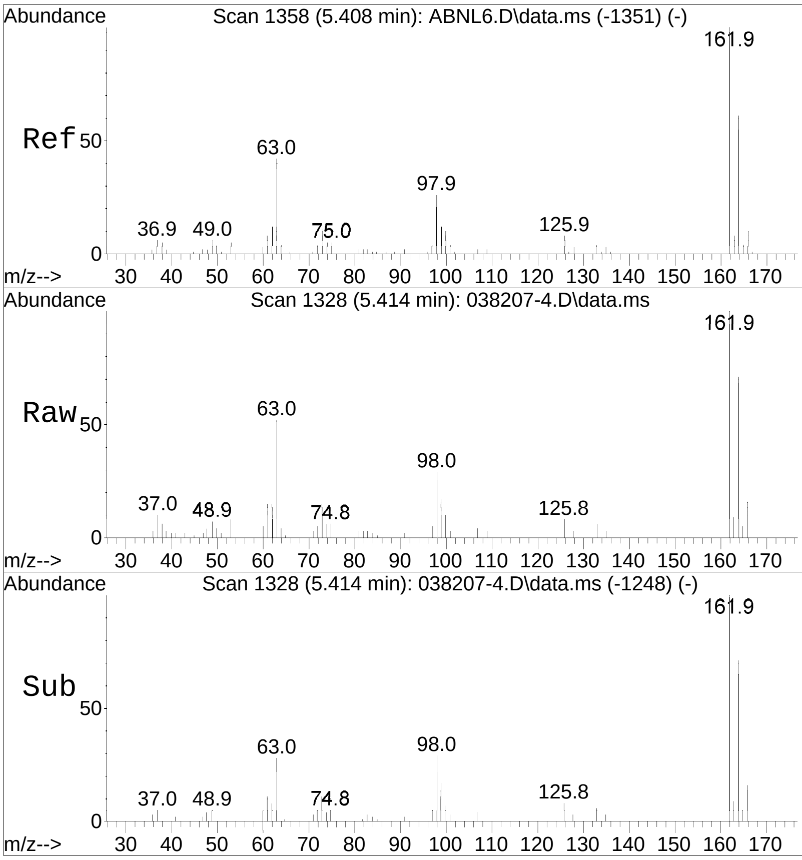


#24
Bis(2-chloroethoxy)methane
Concen: 1.84 ug/ml
RT: 5.340 min Scan# 1304
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion: 93 Resp: 15348

Ion	Ratio	Lower	Upper
93	100		
95	34.3	25.8	38.8
123	7.4	10.1	15.1#

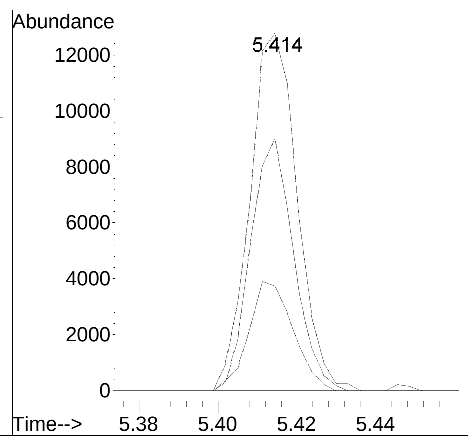


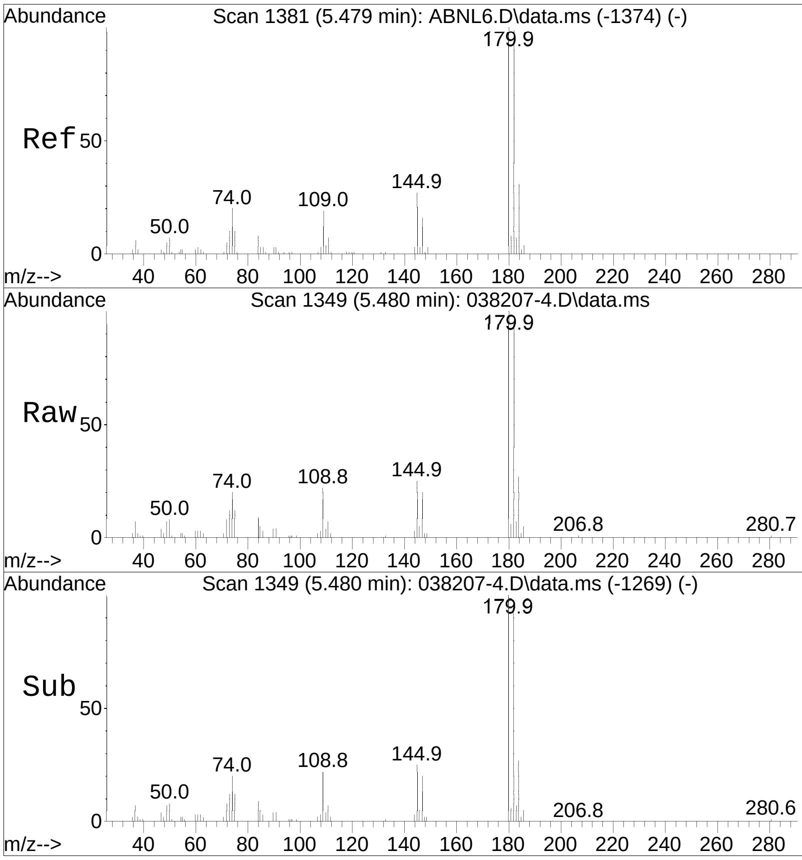


#25
2,4-Dichlorophenol
Concen: 1.39 ug/ml
RT: 5.414 min Scan# 1328
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:162 Resp: 10614

Ion	Ratio	Lower	Upper
162	100		
164	64.4	51.0	76.4
98	28.7	32.2	48.2#

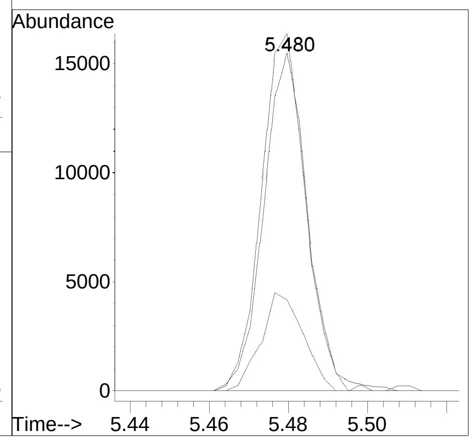


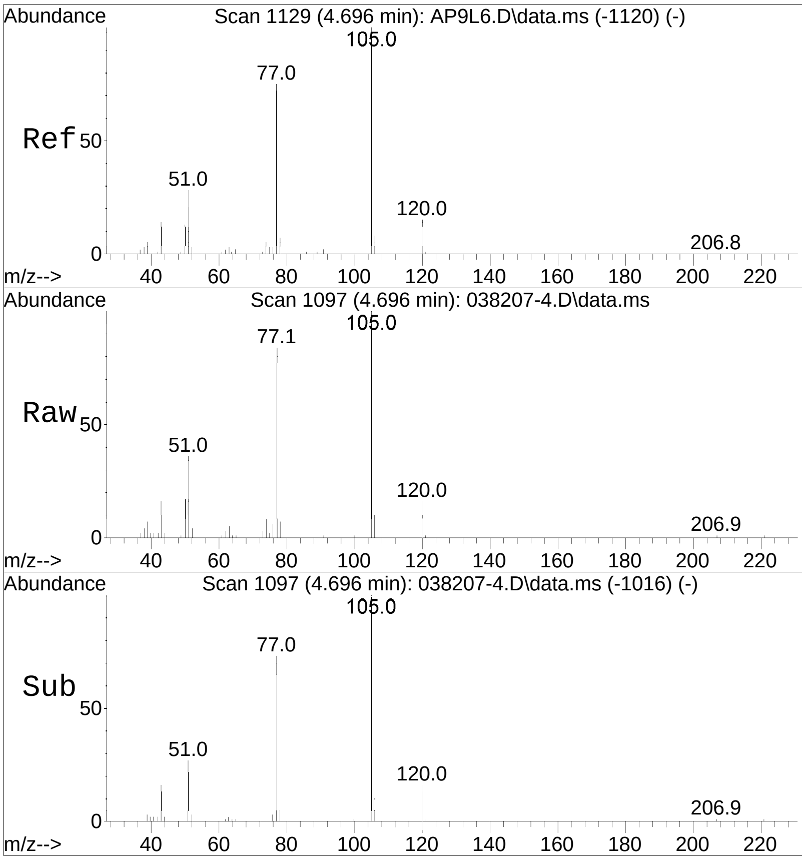


#26
1,2,4-Trichlorobenzene
Concen: 1.37 ug/ml
RT: 5.480 min Scan# 1349
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:180 Resp: 12672

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.0	114.0
145	26.2	25.7	38.5

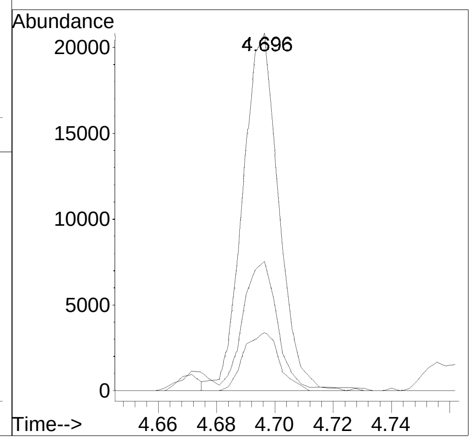


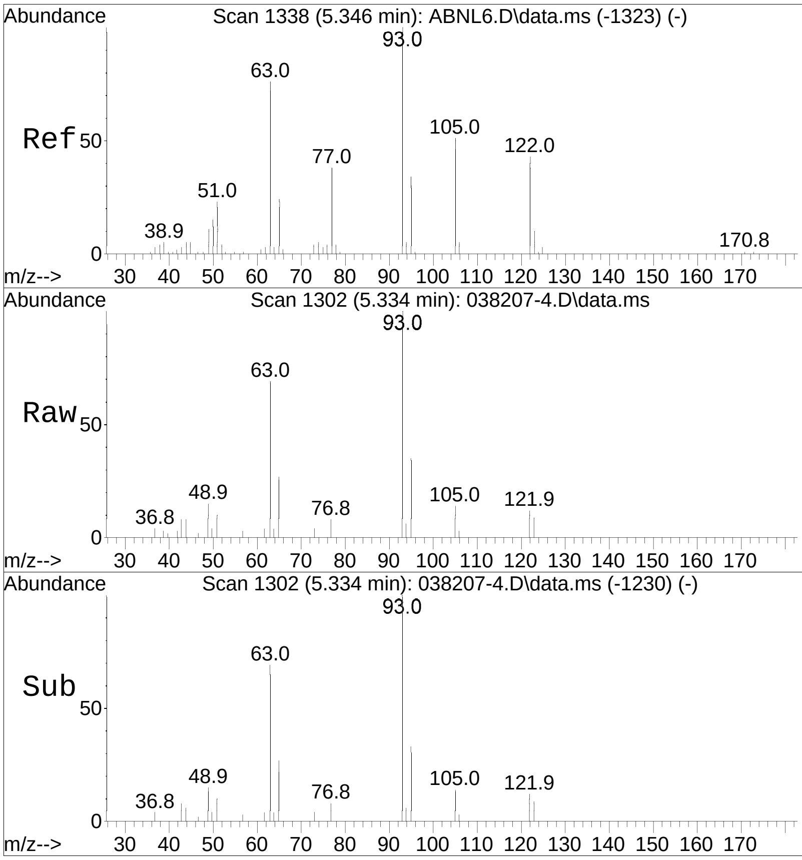


#29
Acetophenone
Concen: 2.13 ug/ml
RT: 4.696 min Scan# 1097
Delta R.T. 0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:105 Resp: 17801

Ion	Ratio	Lower	Upper
105	100		
120	16.1	20.5	30.7#
51	35.5	34.9	52.3

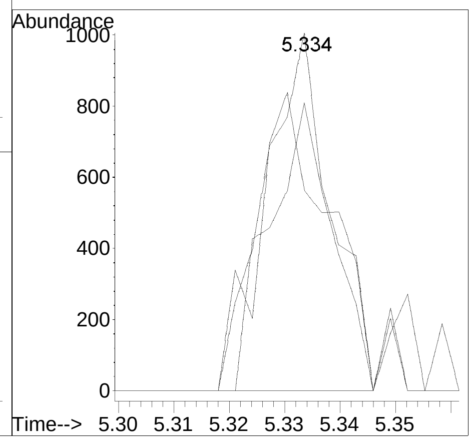


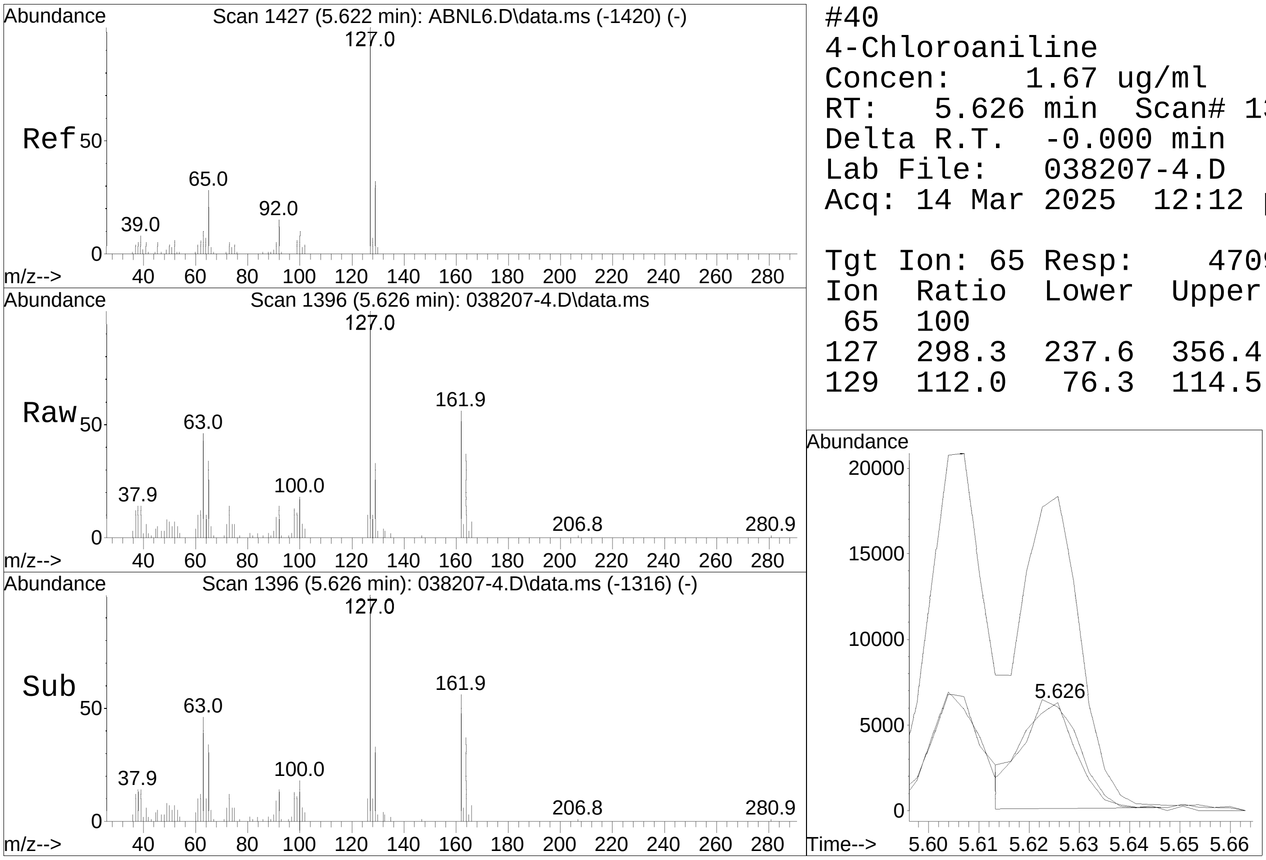


#39
Benzoic Acid
Concen: 0.16 ug/ml
RT: 5.334 min Scan# 1302
Delta R.T. -0.025 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:105 Resp: 834

Ion	Ratio	Lower	Upper
105	100		
122	81.7	59.9	89.9
77	94.8	60.1	90.1#

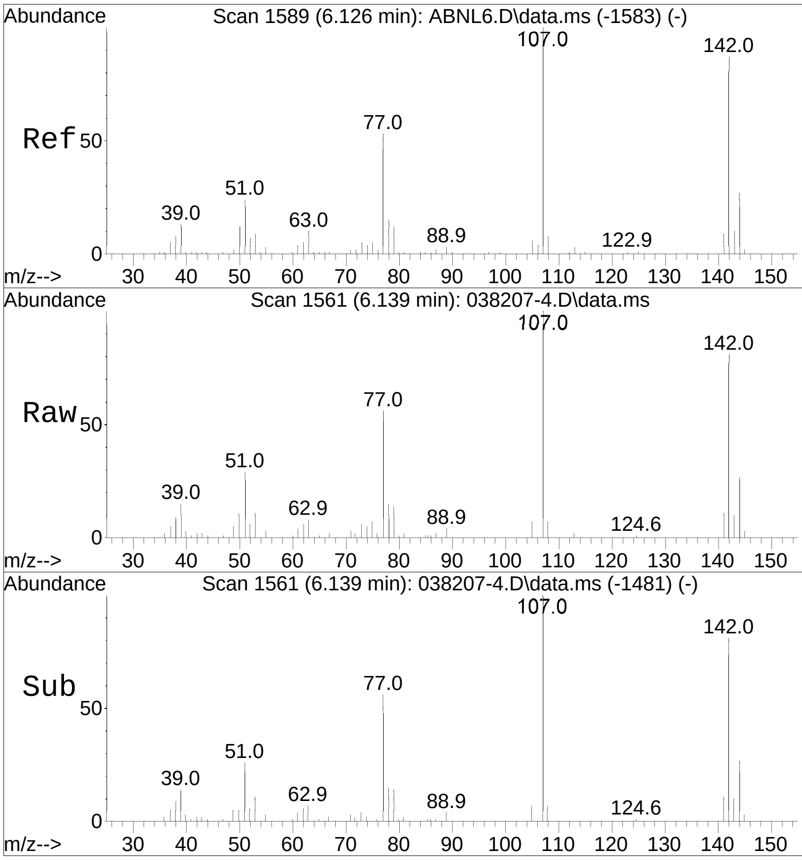




#40
4-Chloroaniline
Concen: 1.67 ug/ml
RT: 5.626 min Scan# 1396
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion: 65 Resp: 4709

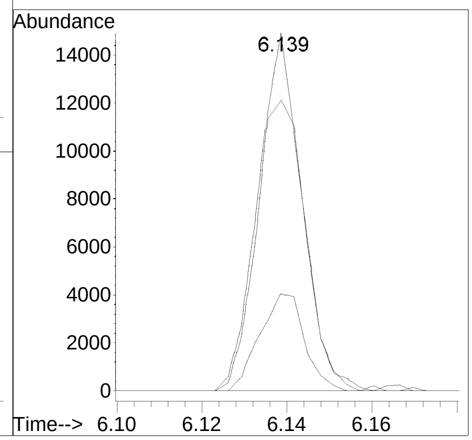
Ion	Ratio	Lower	Upper
65	100		
127	298.3	237.6	356.4
129	112.0	76.3	114.5

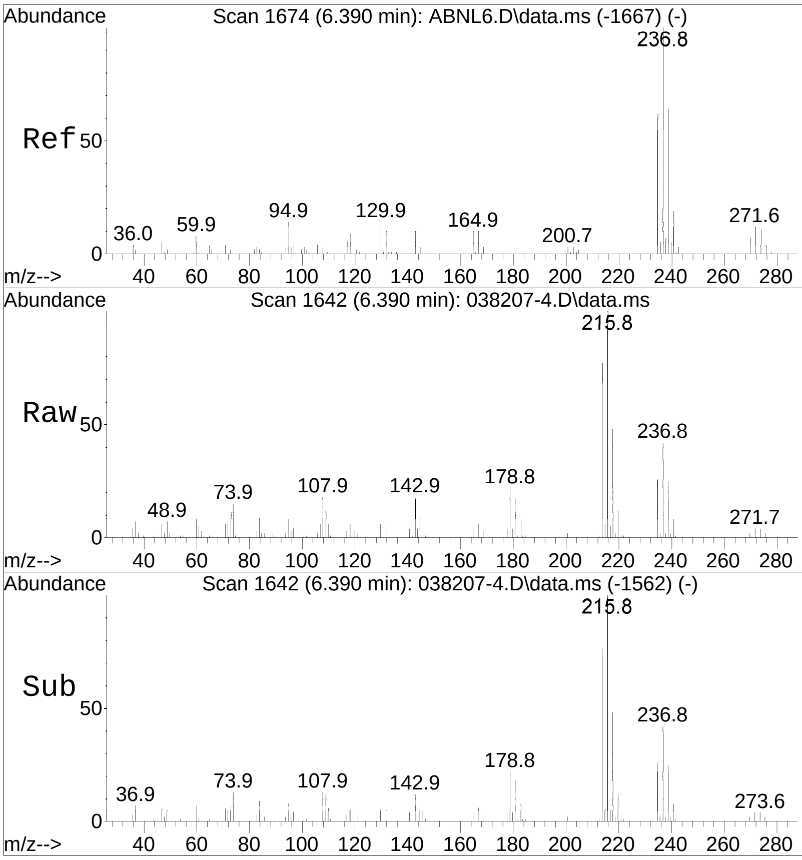


#42
p-Chloro-m-cresol
Concen: 1.58 ug/ml
RT: 6.139 min Scan# 1561
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:107 Resp: 10680

Ion	Ratio	Lower	Upper
107	100		
144	27.7	20.9	31.3
142	91.6	66.1	99.1

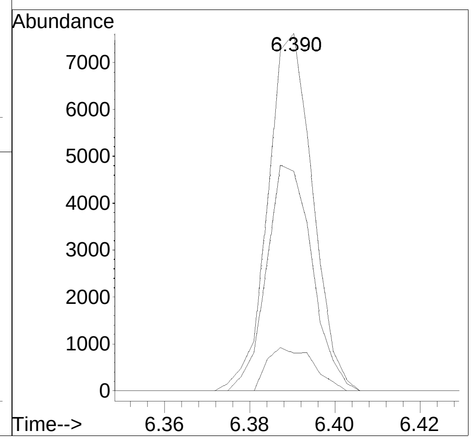


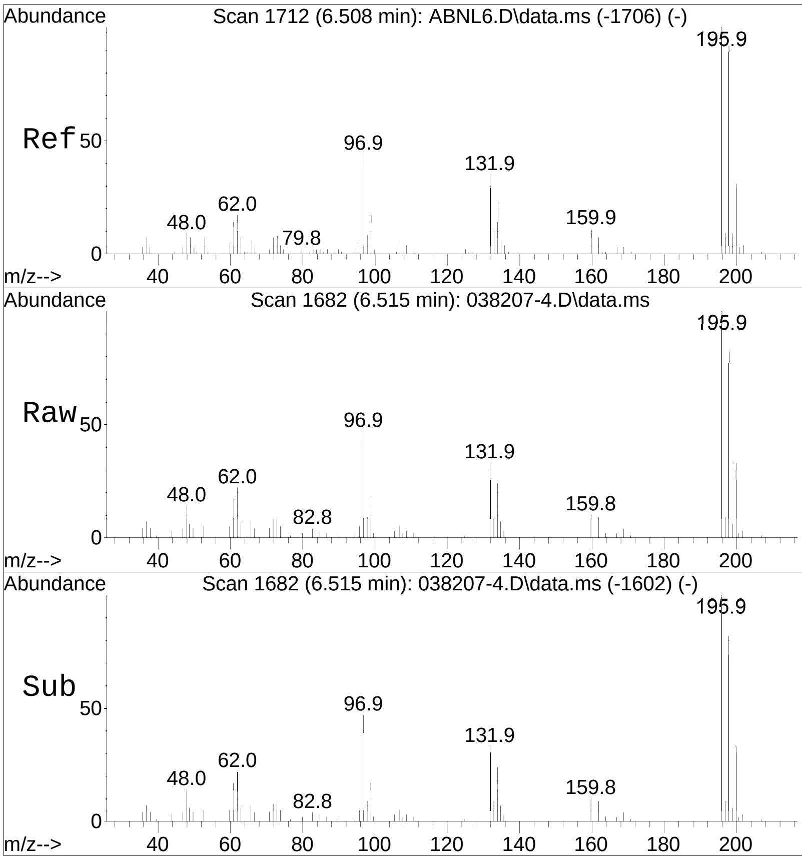


#45
Hexachlorocyclopentadiene
Concen: 0.87 ug/ml
RT: 6.390 min Scan# 1642
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:237 Resp: 5545

Ion	Ratio	Lower	Upper
237	100		
235	64.4	49.7	74.5
272	12.6	9.8	14.6

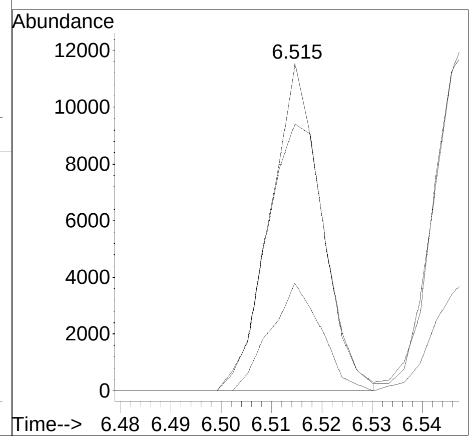


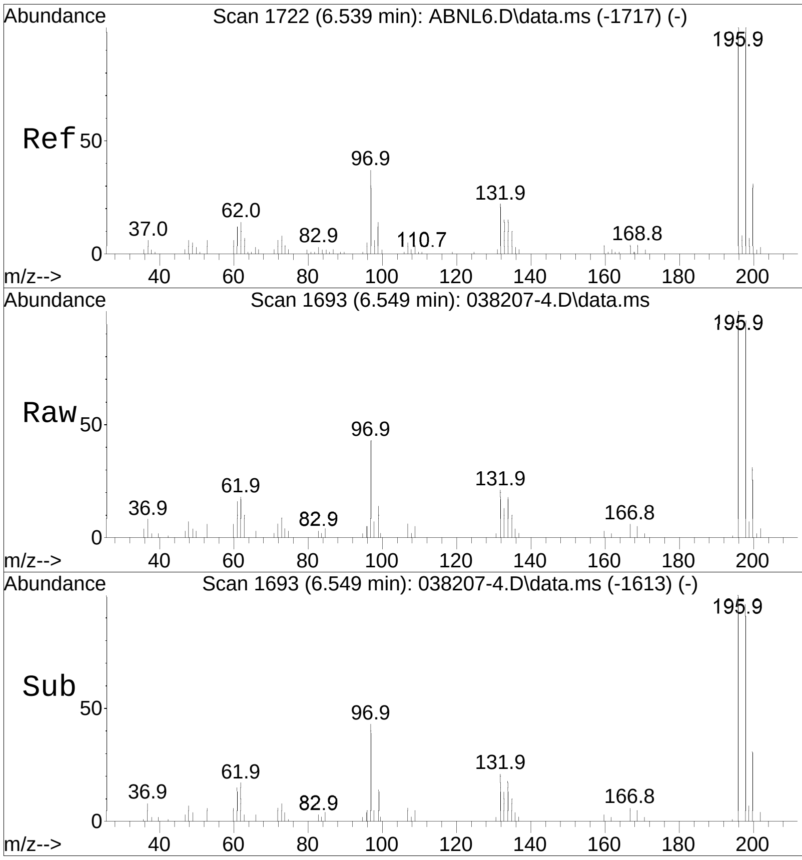


#46
2,4,6-Trichlorophenol
Concen: 1.23 ug/ml
RT: 6.515 min Scan# 1682
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:196 Resp: 8213

Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.5	116.3
200	32.4	23.8	35.6

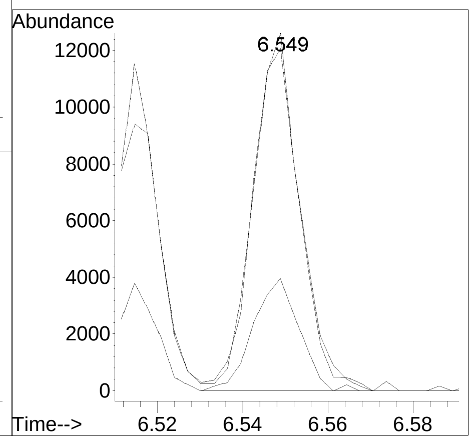


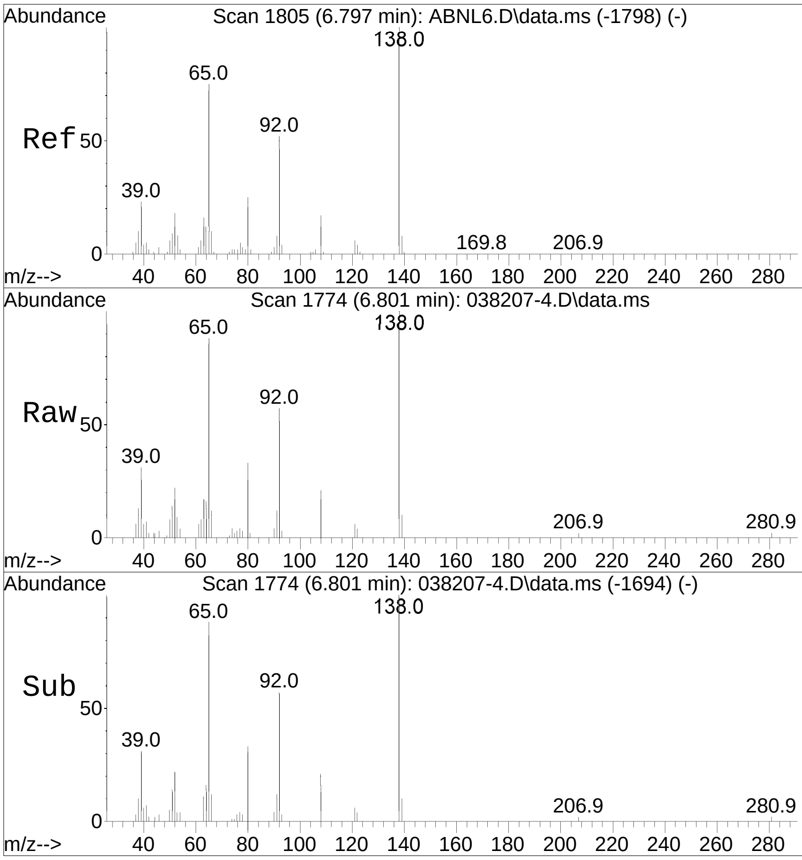


#47
2,4,5-Trichlorophenol
Concen: 1.27 ug/ml
RT: 6.549 min Scan# 1693
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:196 Resp: 9486

Ion	Ratio	Lower	Upper
196	100		
200	31.6	25.4	38.0
198	100.7	78.0	117.0

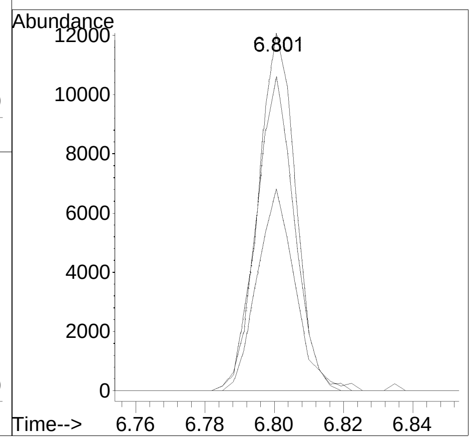


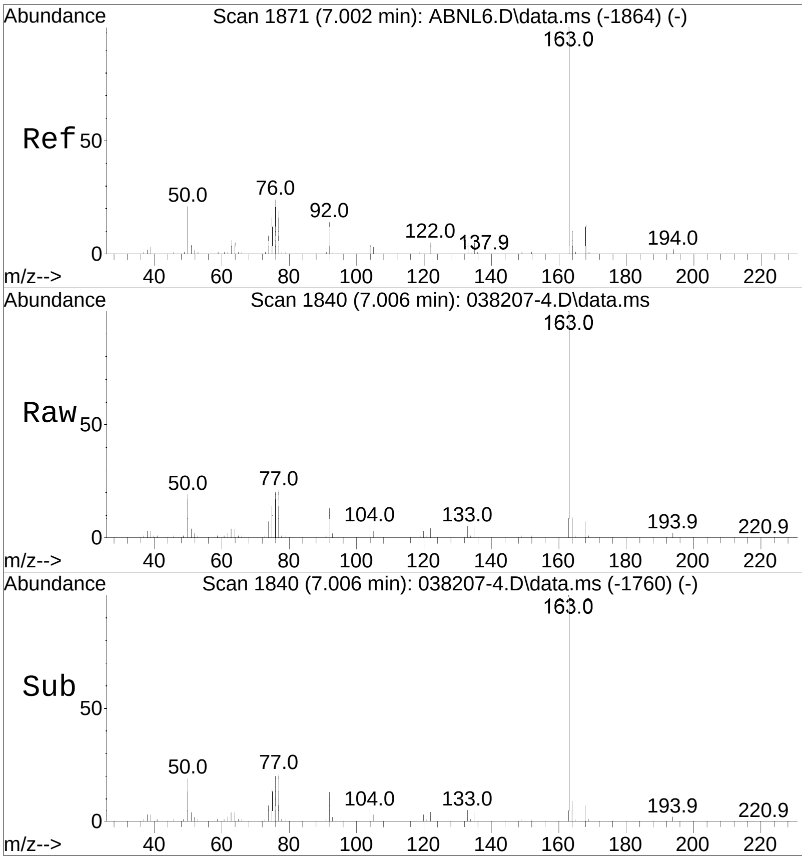


#50
2-Nitroaniline
Concen: 1.82 ug/ml
RT: 6.801 min Scan# 1774
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:138 Resp: 9219

Ion	Ratio	Lower	Upper
138	100		
92	55.5	53.5	80.3
65	87.5	86.3	129.5

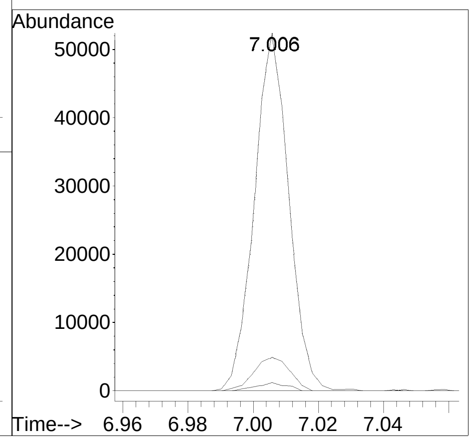


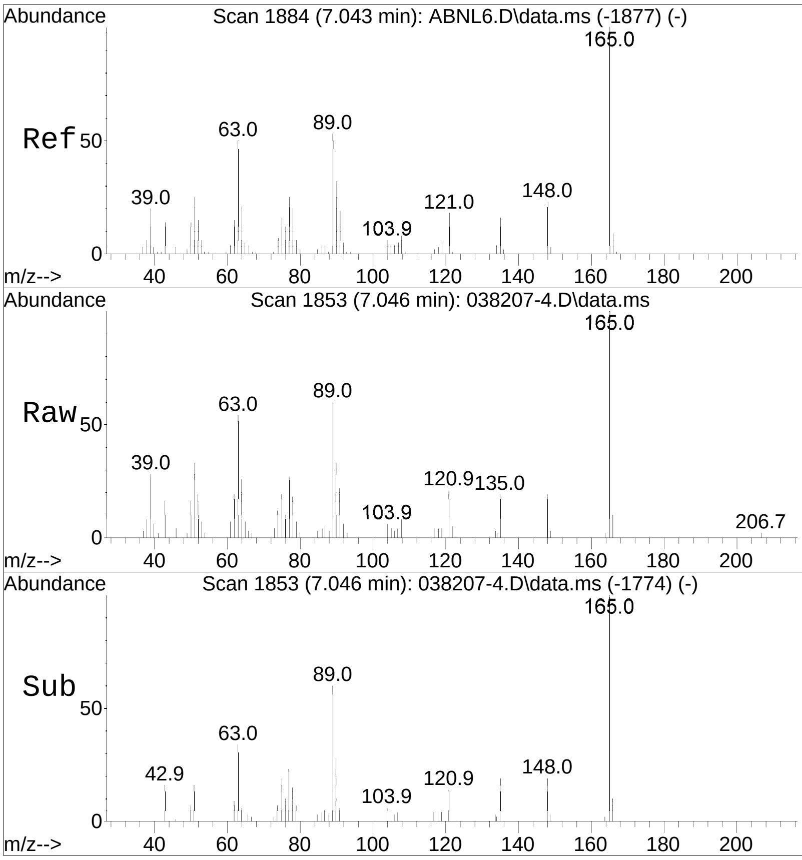


#53
Dimethyl phthalate
Concen: 1.66 ug/ml
RT: 7.006 min Scan# 1840
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:163 Resp: 38192

Ion	Ratio	Lower	Upper
163	100		
194	2.1	3.5	5.3#
164	9.9	7.9	11.9

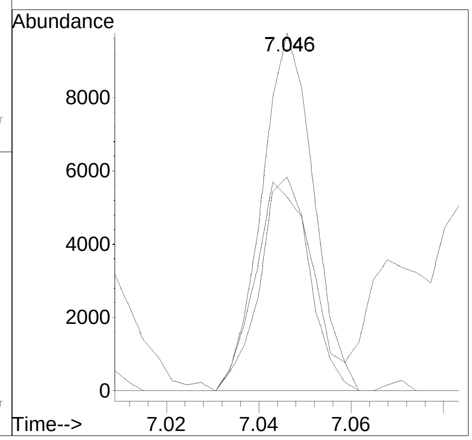


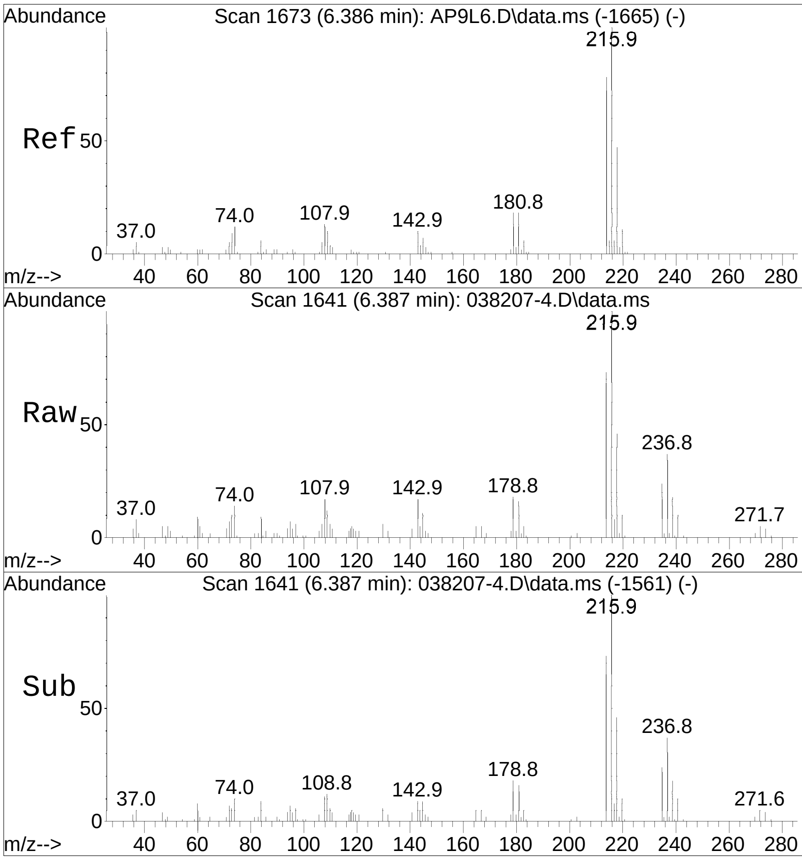


#55
2,6-Dinitrotoluene
Concen: 1.77 ug/ml
RT: 7.046 min Scan# 1853
Delta R.T. -0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:165 Resp: 7610

Ion	Ratio	Lower	Upper
165	100		
89	58.0	54.2	81.2
63	64.9	64.2	96.2

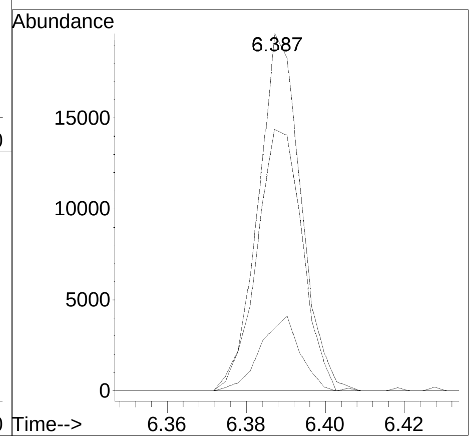


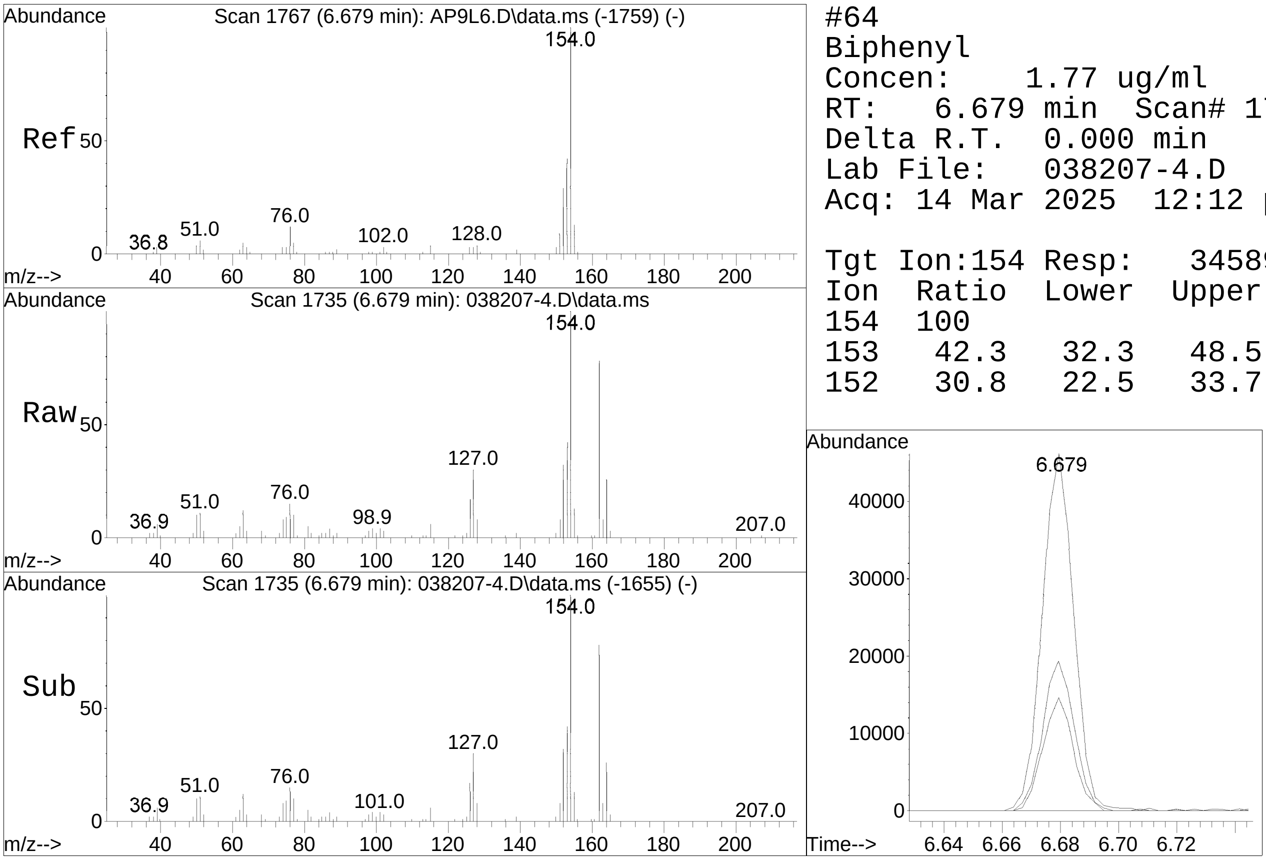


#63
1,2,4,5-Tetrachlorobenzene
Concen: 1.53 ug/ml
RT: 6.387 min Scan# 1641
Delta R.T. 0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:216 Resp: 14729

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.7	95.5
179	19.5	19.0	28.6

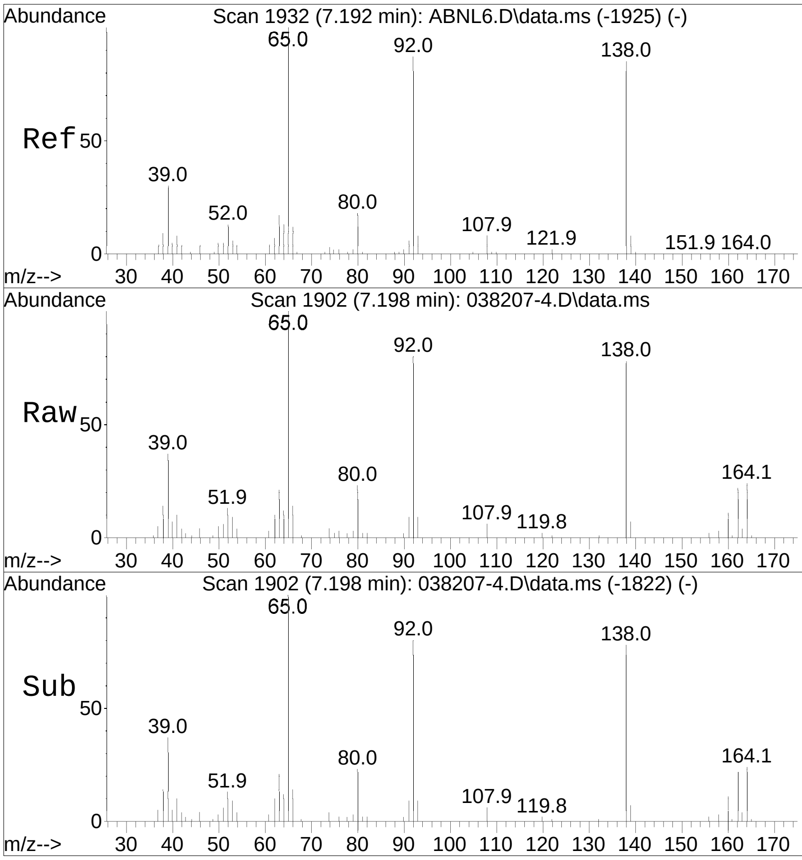




#64
Biphenyl
Concen: 1.77 ug/ml
RT: 6.679 min Scan# 1735
Delta R.T. 0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:154 Resp: 34589

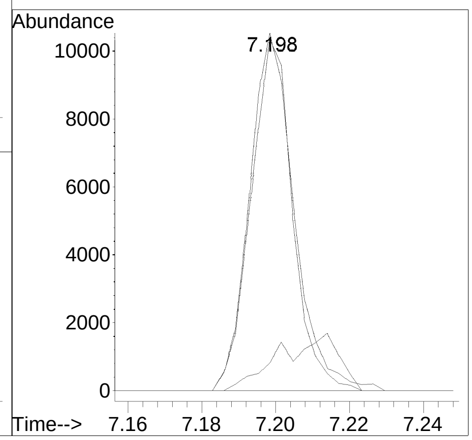
Ion	Ratio	Lower	Upper
154	100		
153	42.3	32.3	48.5
152	30.8	22.5	33.7

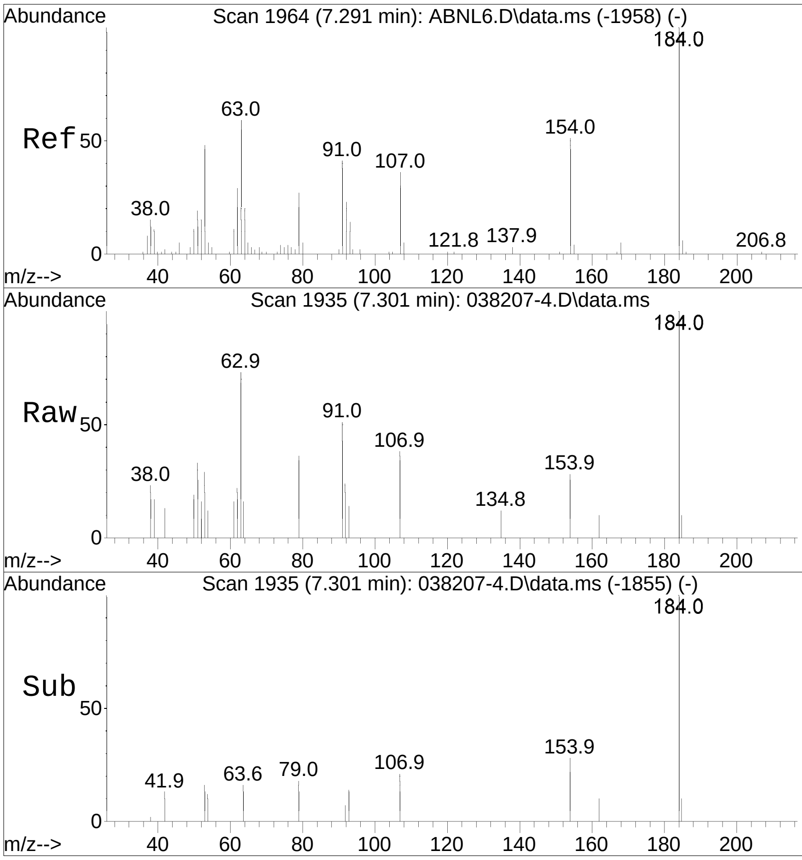


#66
3-Nitroaniline
Concen: 1.73 ug/ml
RT: 7.198 min Scan# 1902
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:138 Resp: 8101

Ion	Ratio	Lower	Upper
138	100		
92	108.4	93.4	140.2
108	9.8	9.5	14.3

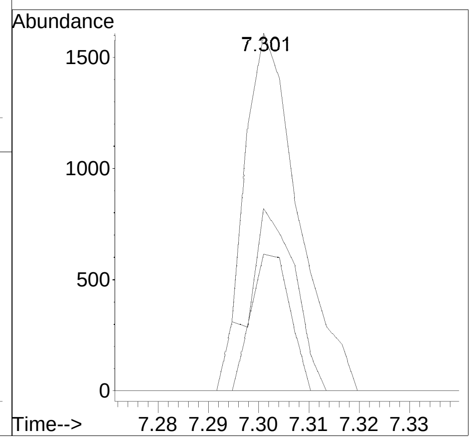


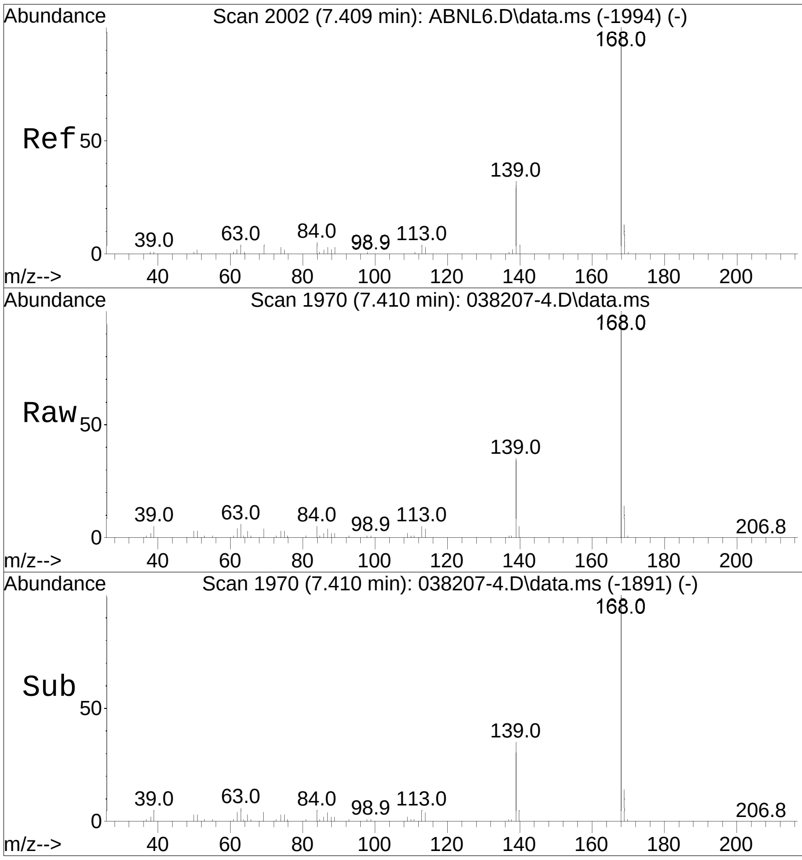


#68
2,4-Dinitrophenol
Concen: 1.00 ug/ml
RT: 7.301 min Scan# 1935
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:184 Resp: 1195

Ion	Ratio	Lower	Upper
184	100		
107	0.0	37.7	56.5#
91	44.5	46.3	69.5#

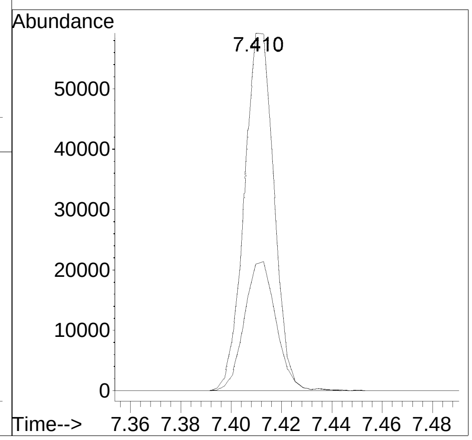


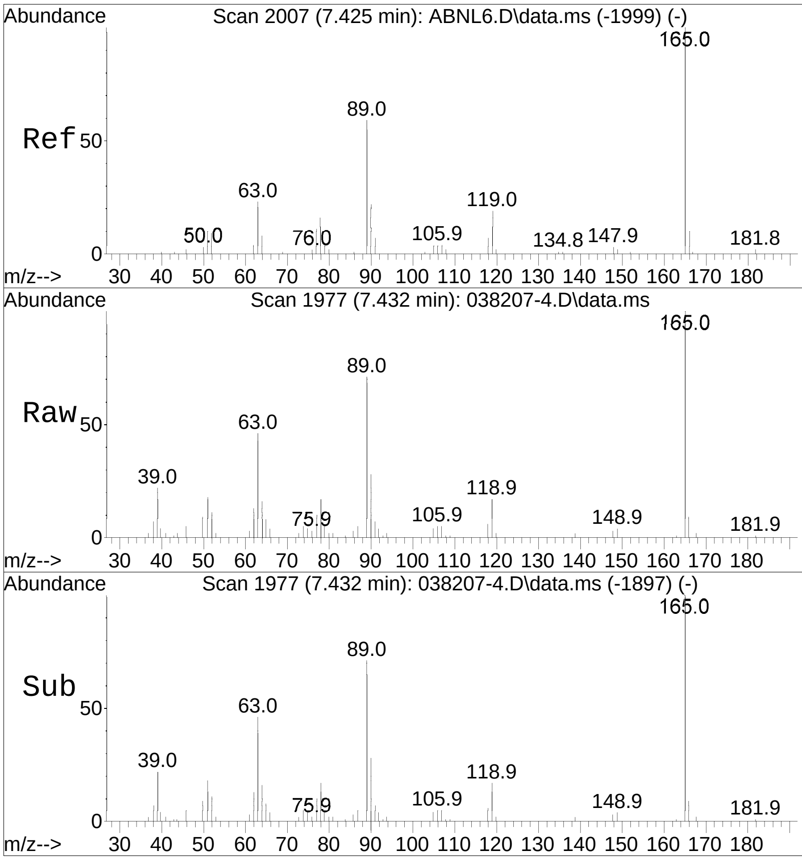


#69
Dibenzofuran
Concen: 1.59 ug/ml
RT: 7.410 min Scan# 1970
Delta R.T. -0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:168 Resp: 48575

Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.4	47.2

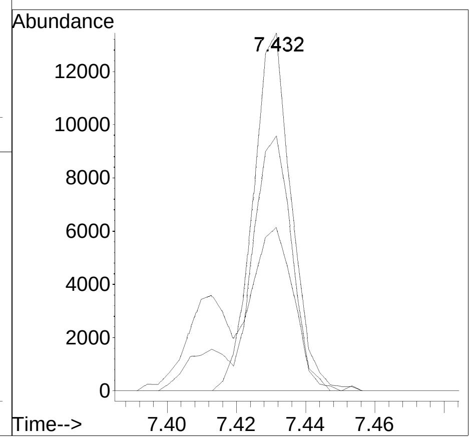


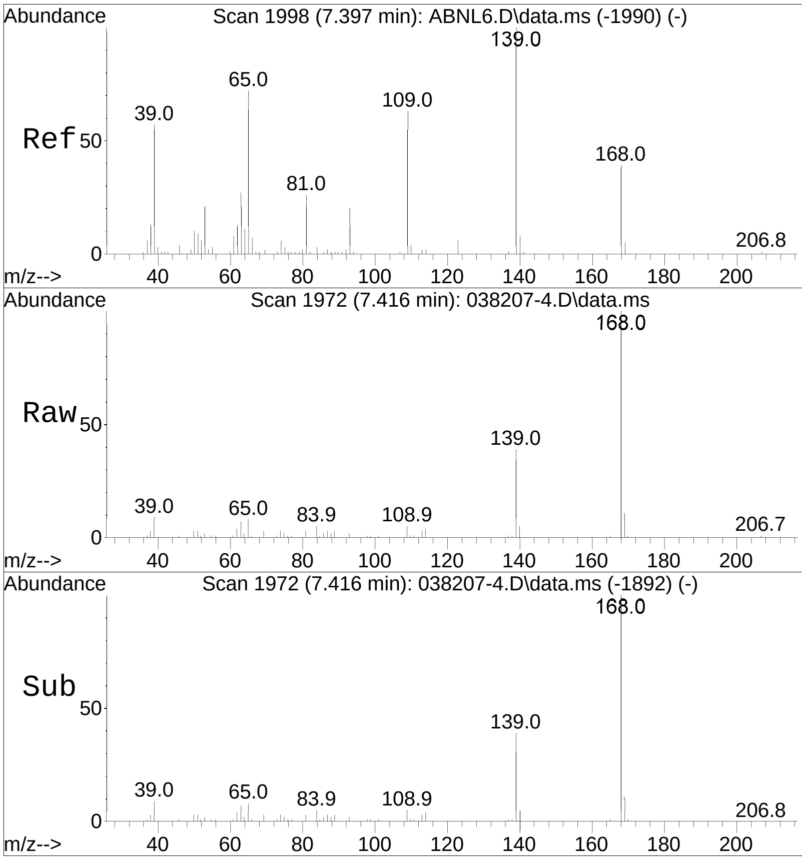


#70
2,4-Dinitrotoluene
Concen: 1.76 ug/ml
RT: 7.432 min Scan# 1977
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:165 Resp: 10354

Ion	Ratio	Lower	Upper
165	100		
89	70.0	72.0	108.0#
63	49.5	52.7	79.1#

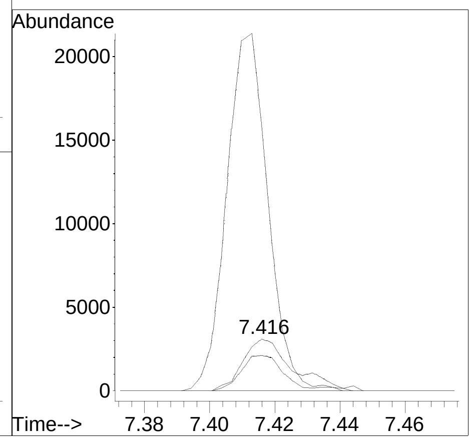


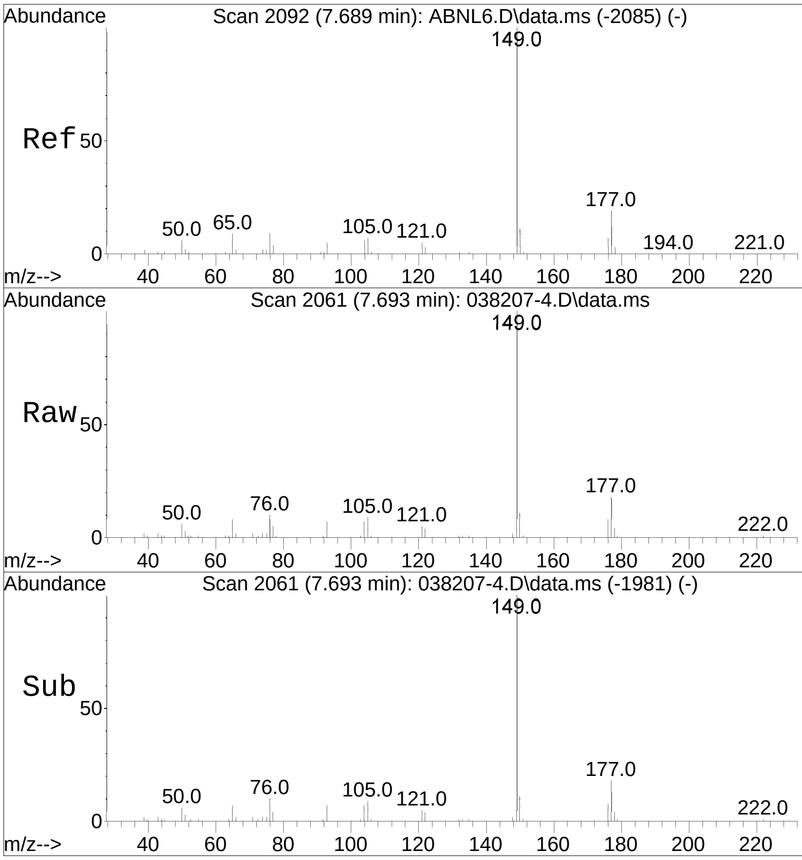


#71
4-Nitrophenol
Concen: 0.95 ug/ml
RT: 7.416 min Scan# 1972
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion: 65 Resp: 3319

Ion	Ratio	Lower	Upper
65	100		
109	59.5	47.4	71.2
139	564.4	76.6	115.0#

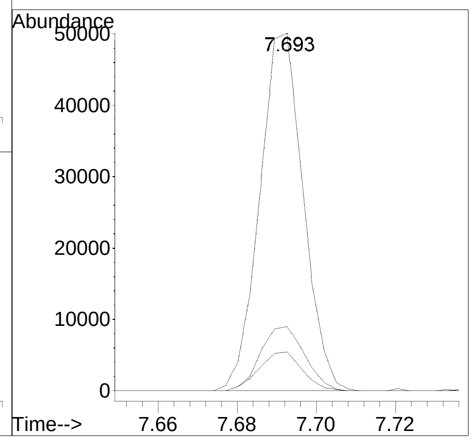


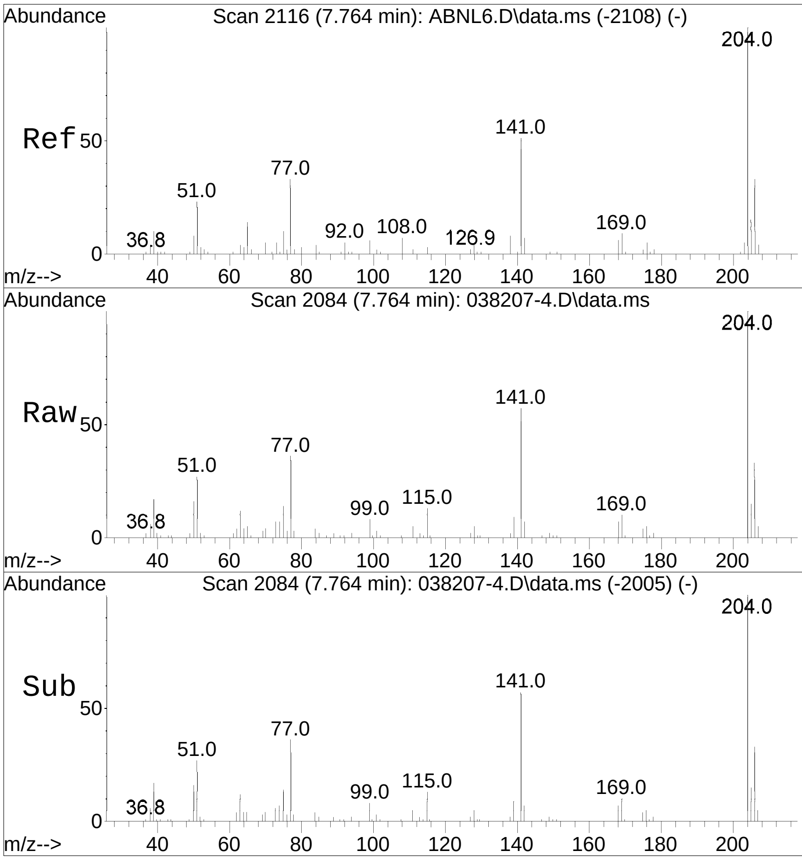


#74
Diethyl phthalate
Concen: 1.59 ug/ml
RT: 7.693 min Scan# 2061
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:149 Resp: 38097

Ion	Ratio	Lower	Upper
149	100		
177	18.4	16.1	24.1
150	10.9	9.4	14.2

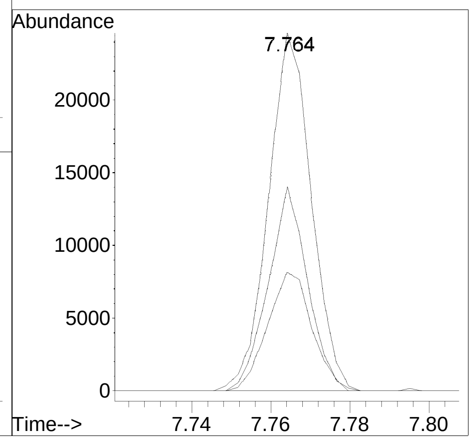


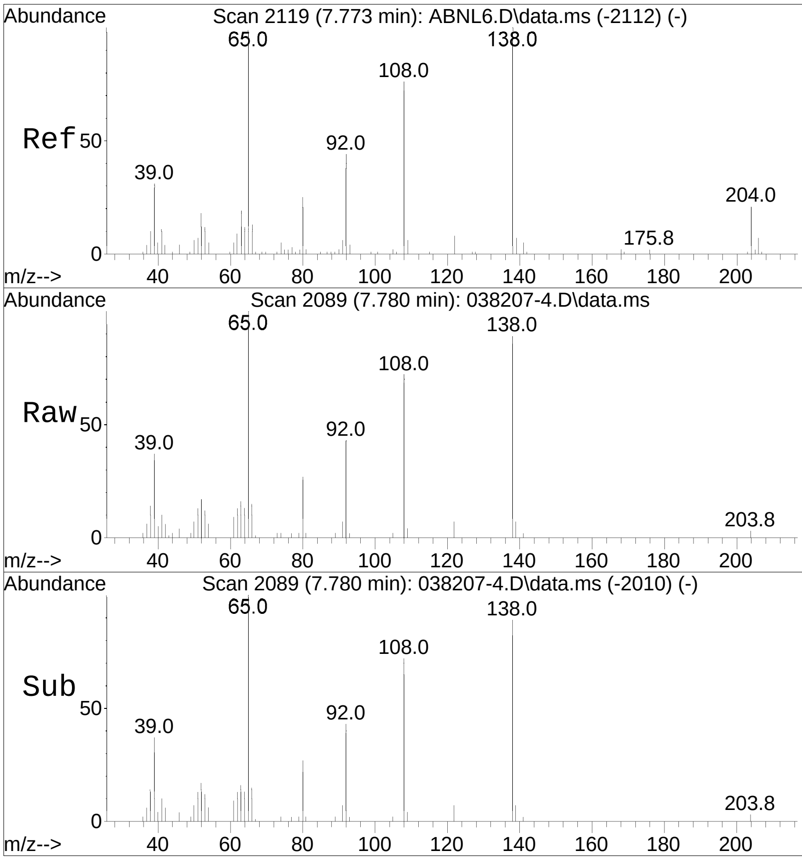


#76
4-Chlorophenyl phenyl ether
Concen: 1.53 ug/ml
RT: 7.764 min Scan# 2084
Delta R.T. -0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:204 Resp: 18451

Ion	Ratio	Lower	Upper
204	100		
206	34.3	25.8	38.6
141	52.4	53.6	80.4#

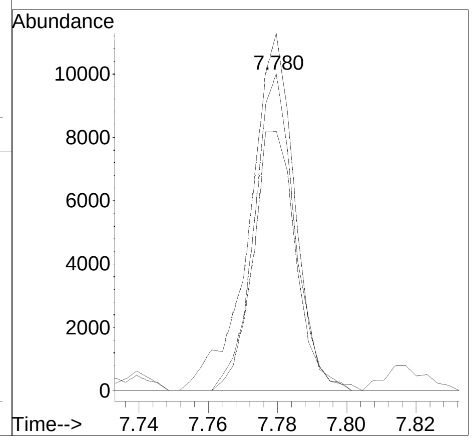


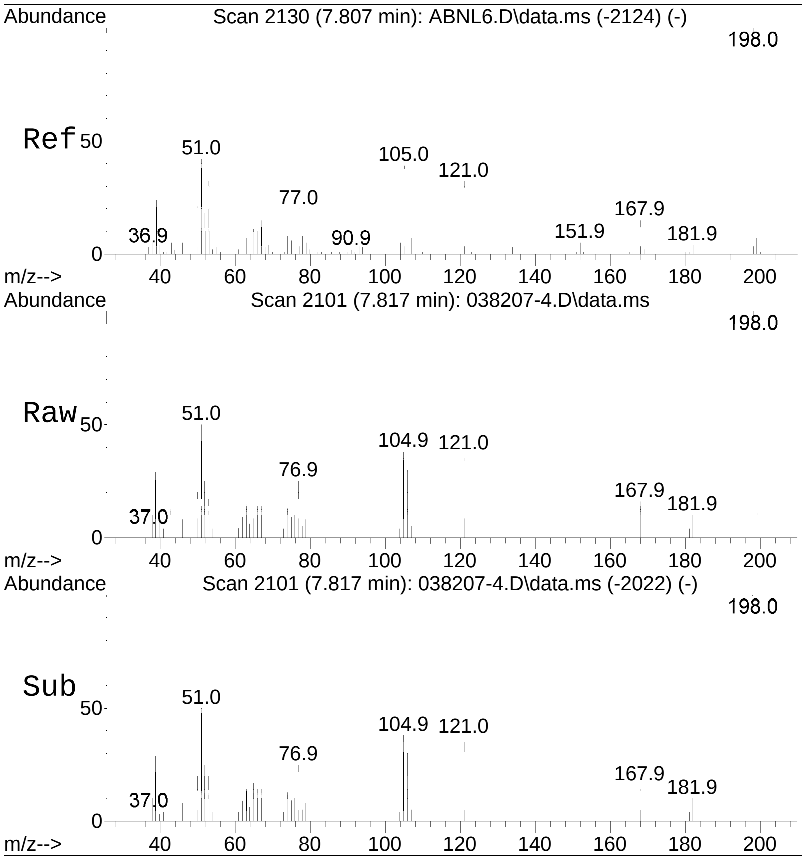


#77
4-Nitroaniline
Concen: 1.80 ug/ml
RT: 7.780 min Scan# 2089
Delta R.T. -0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:138 Resp: 8167

Ion	Ratio	Lower	Upper
138	100		
108	86.0	52.1	78.1#
65	125.2	115.0	172.6

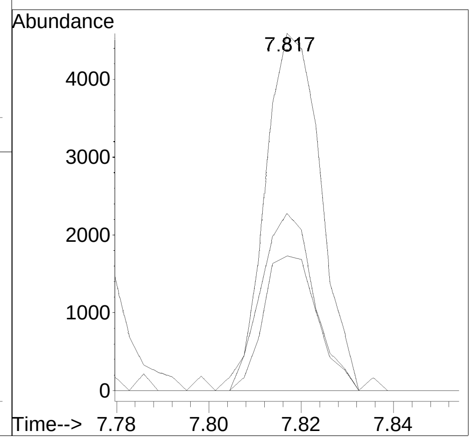


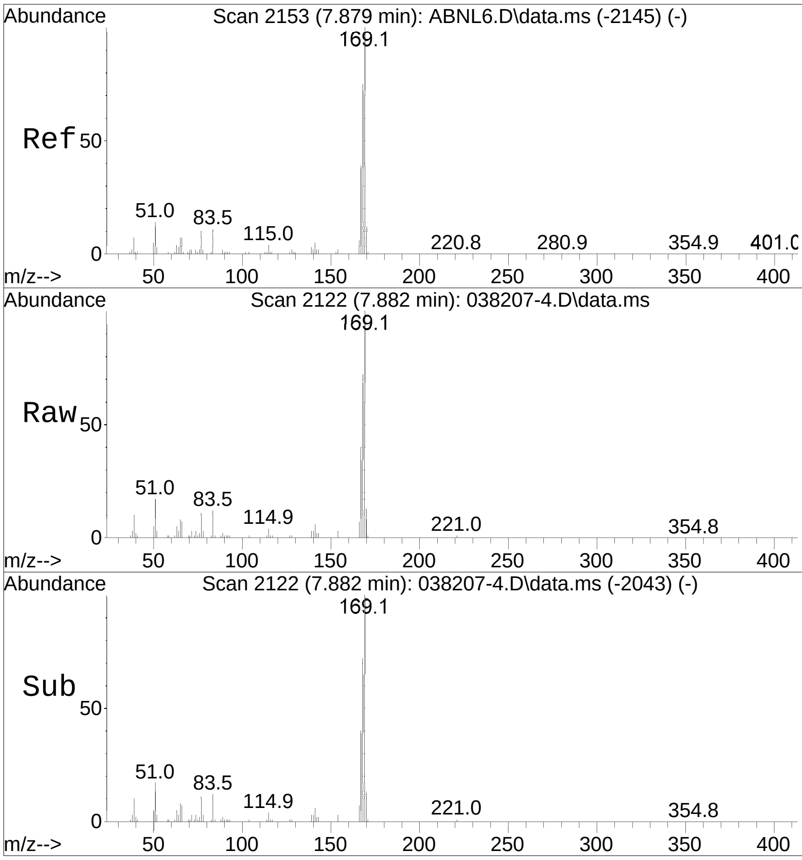


#78
4,6-Dinitro-o-cresol
Concen: 1.08 ug/ml
RT: 7.817 min Scan# 2101
Delta R.T. -0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:198 Resp: 3823

Ion	Ratio	Lower	Upper
198	100		
51	48.5	76.0	114.0#
105	37.0	45.6	68.4#

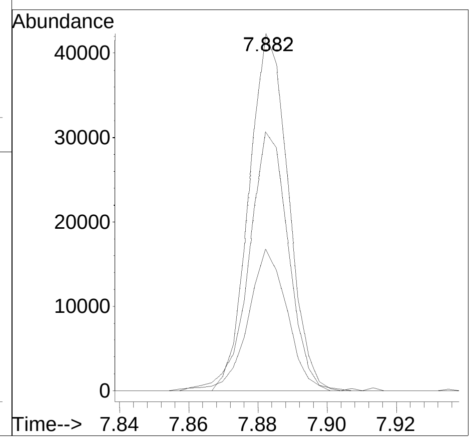


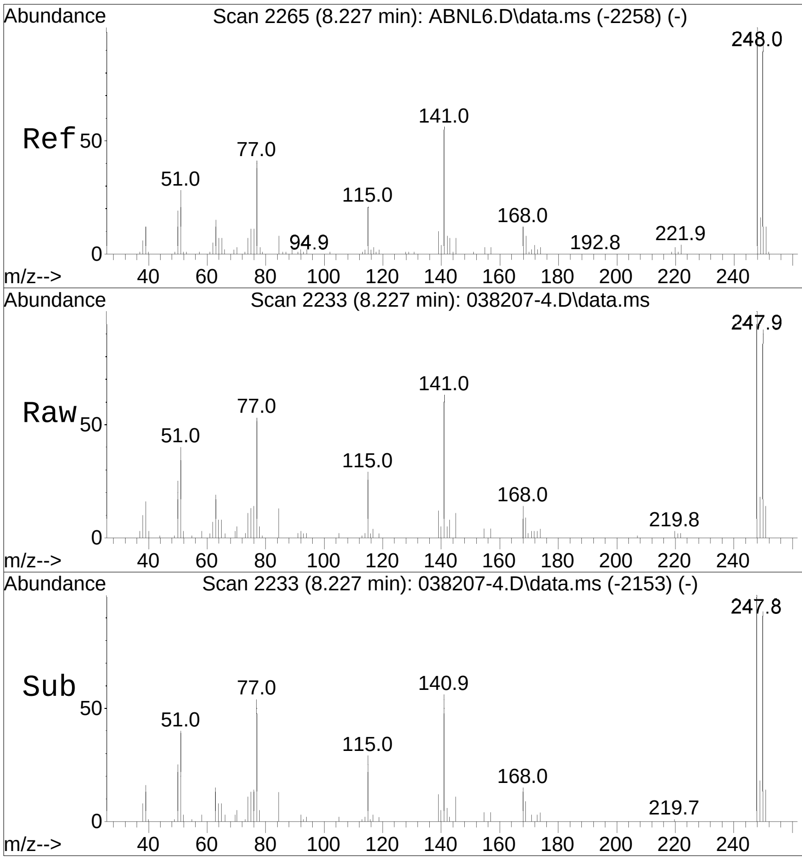


#79
NDPA/DPA
Concen: 1.64 ug/ml
RT: 7.882 min Scan# 2122
Delta R.T. -0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:169 Resp: 33376

Ion	Ratio	Lower	Upper
169	100		
168	72.9	54.0	81.0
167	39.5	28.6	42.8

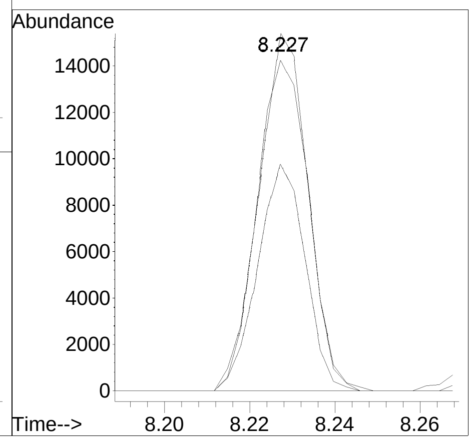


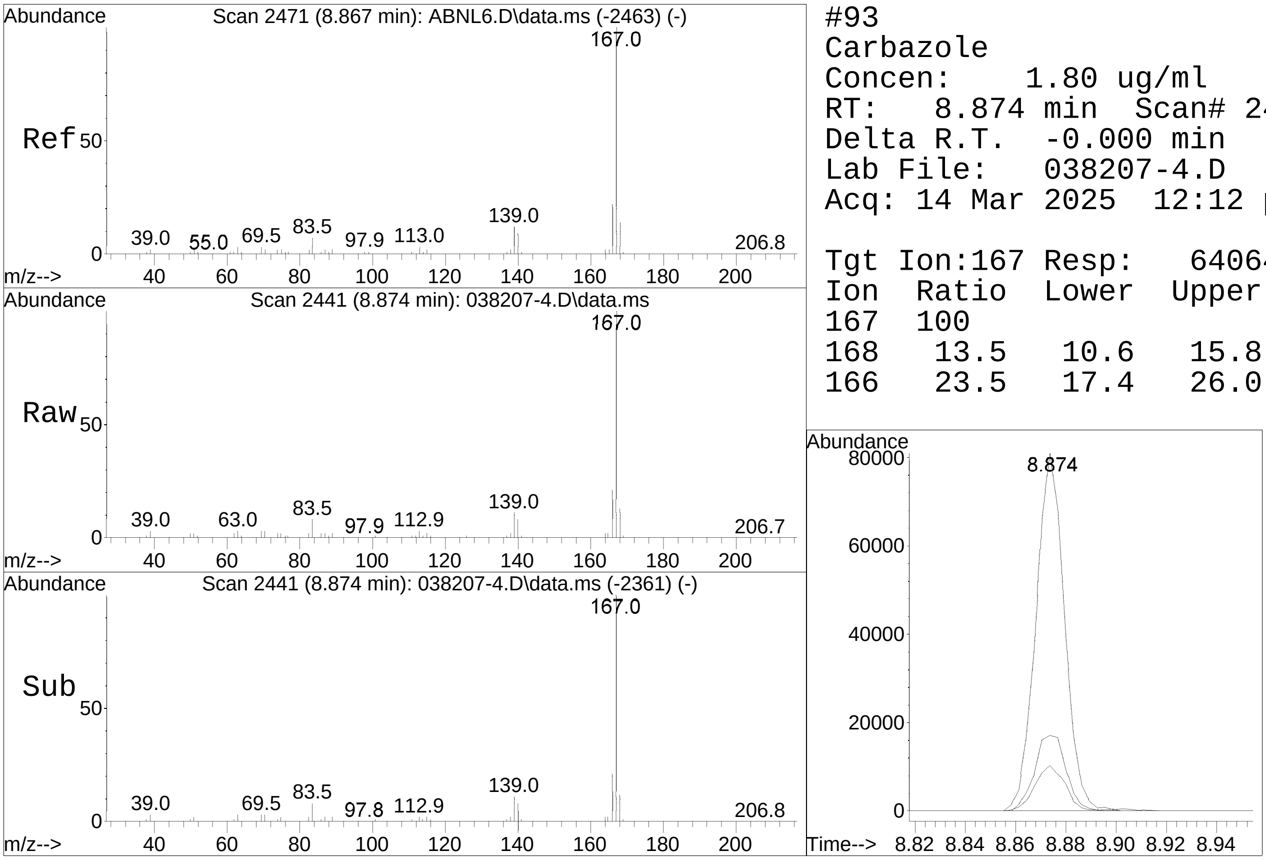


#82
4-Bromophenyl phenyl ether
Concen: 1.56 ug/ml
RT: 8.227 min Scan# 2233
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:248 Resp: 12332

Ion	Ratio	Lower	Upper
248	100		
141	61.4	76.6	114.8#
250	97.4	77.3	115.9

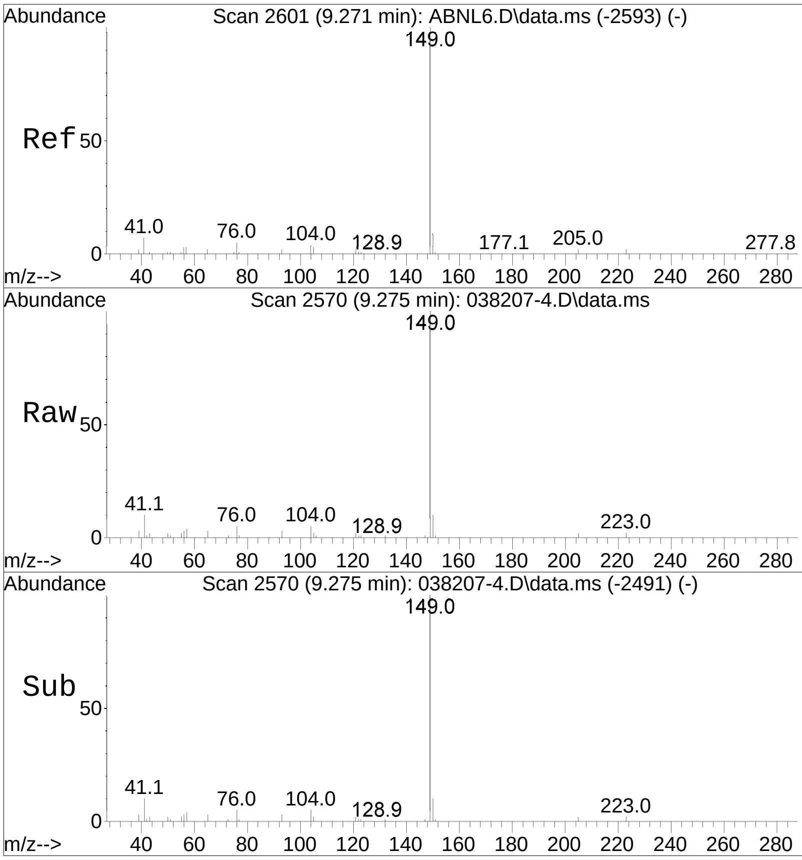




#93
Carbazole
Concen: 1.80 ug/ml
RT: 8.874 min Scan# 2441
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:167 Resp: 64064

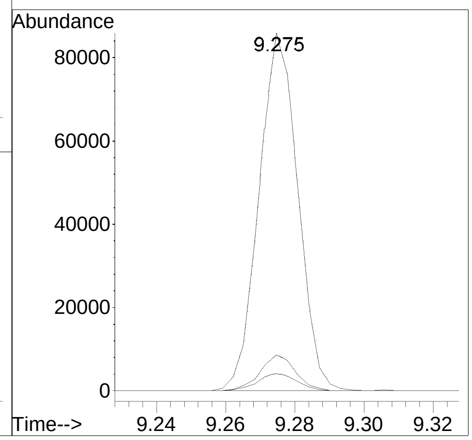
Ion	Ratio	Lower	Upper
167	100		
168	13.5	10.6	15.8
166	23.5	17.4	26.0

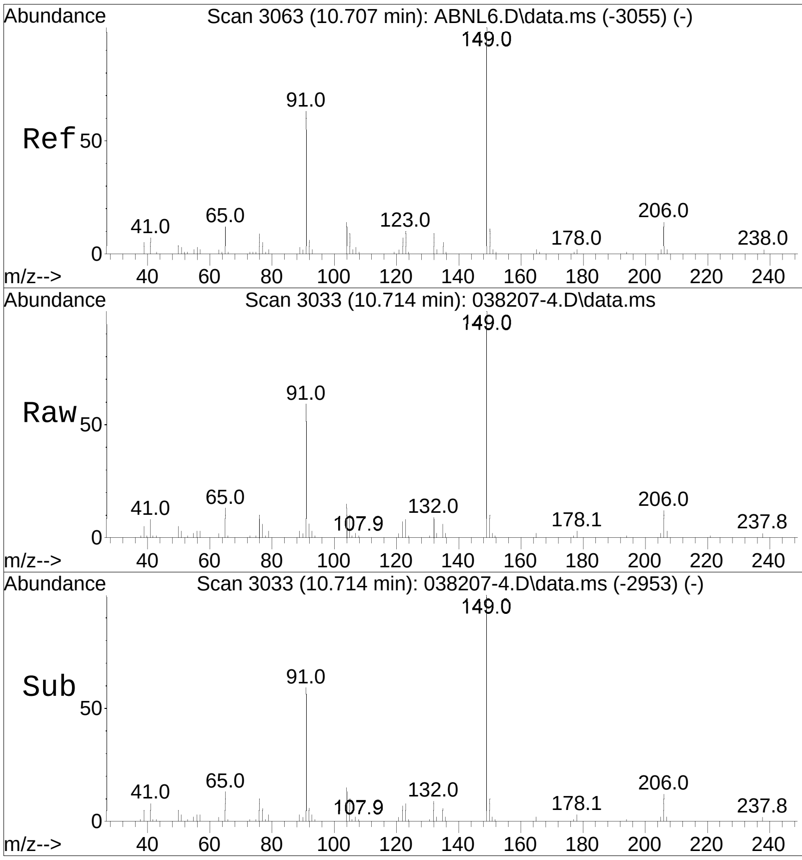


#94
Di-n-butylphthalate
Concen: 1.65 ug/ml
RT: 9.275 min Scan# 2570
Delta R.T. -0.003 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:149 Resp: 66319

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	4.8	4.5	6.7

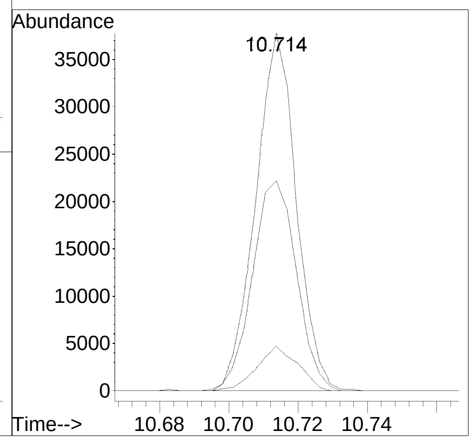


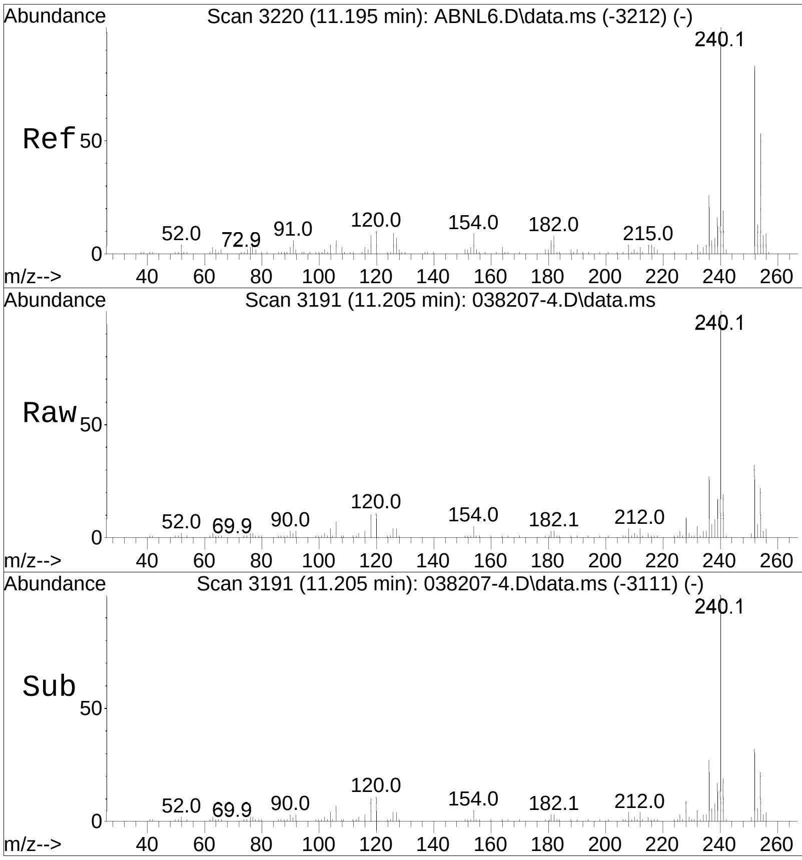


#99
Butyl benzyl phthalate
Concen: 1.78 ug/ml
RT: 10.714 min Scan# 3033
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:149 Resp: 30675

Ion	Ratio	Lower	Upper
149	100		
91	63.8	63.3	94.9
206	12.6	13.9	20.9#

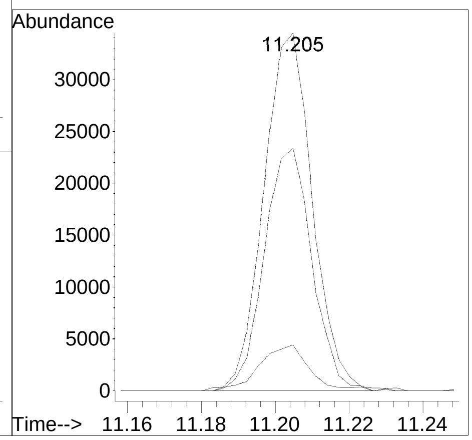


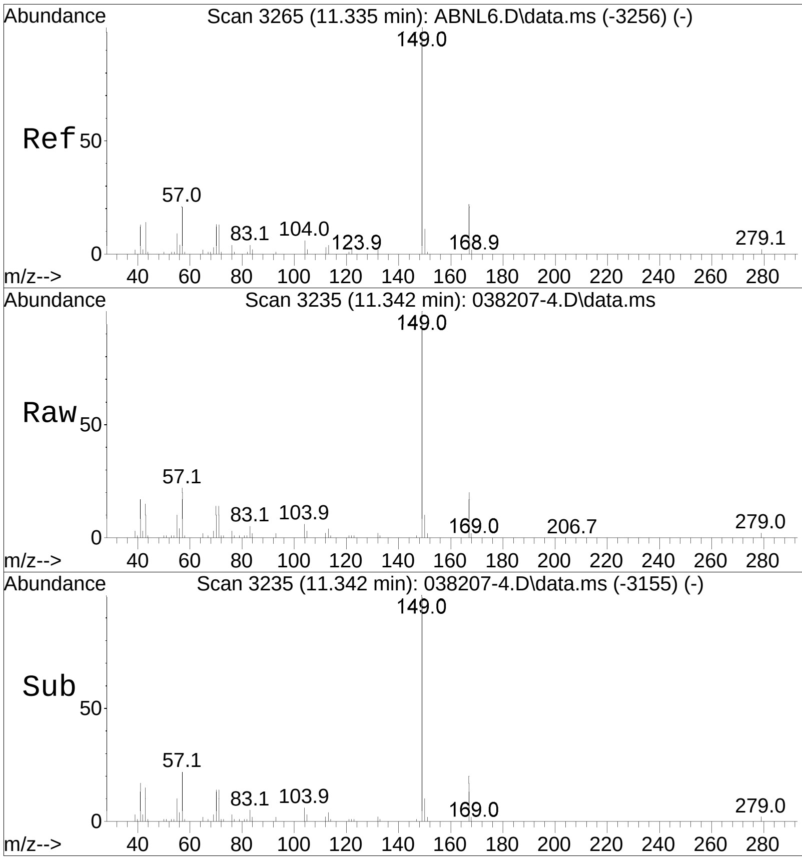


#108
3,3'-Dichlorobenzidine
Concen: 1.58 ug/ml
RT: 11.205 min Scan# 3191
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:252 Resp: 31334

Ion	Ratio	Lower	Upper
252	100		
126	13.1	14.5	21.7#
254	66.9	51.2	76.8

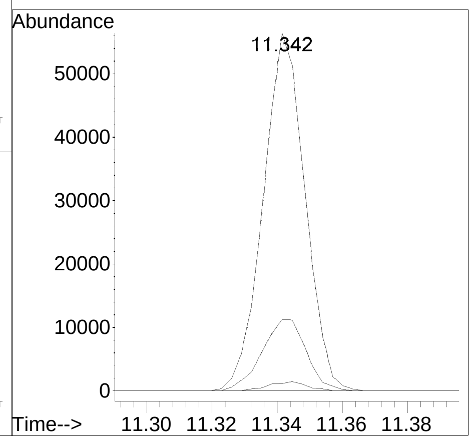


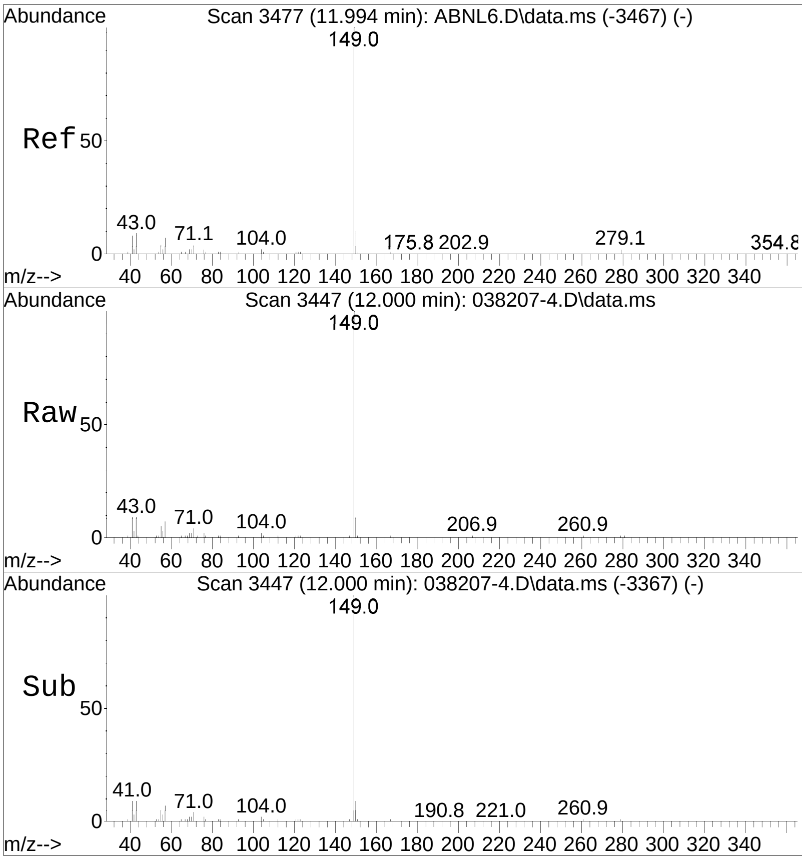


#110
Bis(2-ethylhexyl)phthalate
Concen: 1.75 ug/ml
RT: 11.342 min Scan# 3235
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:149 Resp: 49965

Ion	Ratio	Lower	Upper
149	100		
167	21.1	22.1	33.1#
279	2.2	3.0	4.4#

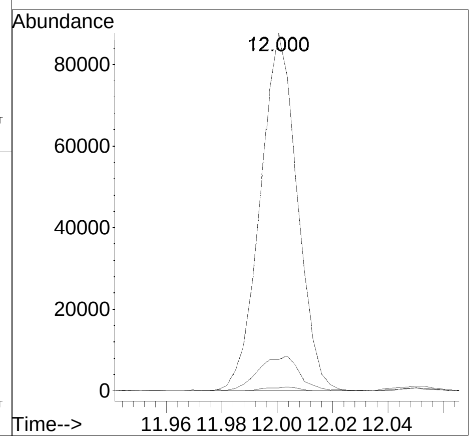




#111
Di-n-octylphthalate
Concen: 1.70 ug/ml
RT: 12.000 min Scan# 3447
Delta R.T. -0.000 min
Lab File: 038207-4.D
Acq: 14 Mar 2025 12:12 pm

Tgt Ion:149 Resp: 80875

Ion	Ratio	Lower	Upper
149	100		
43	11.0	18.8	28.2#
167	1.0	1.3	1.9#



Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 038207-5.D
Acq On    : 14 Mar 2025  12:35 pm
Operator  : Dakota:smz
Sample    : WG2038207-5,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Mar 14 12:52:31 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) IS1_1,4-Dichlorobenzen...   4.280  152     24406     4.000 ug/ml    0.00
   Standard Area 1 = 21719                 Recovery   =  112.37%
27) IS2_1,4-Dichlorobenzen...   4.280  152     24406     4.000 ug/ml    0.00
   Standard Area 3 = 21435                 Recovery   =  113.86%
37) IS1_Naphthalene-d8          5.520  136     93408     4.000 ug/ml  # 0.00
   Standard Area 1 = 84947                 Recovery   =  109.96%
57) IS2_Naphthalene-d8          5.520  136     93408     4.000 ug/ml  # 0.00
   Standard Area 3 = 81068                 Recovery   =  115.22%
65) IS1_Acenaphthene-d10        7.211  164     60589     4.000 ug/ml    0.00
   Standard Area 1 = 58301                 Recovery   =  103.92%
85) IS2_Acenaphthene-d10        7.211  164     60589     4.000 ug/ml    0.00
   Standard Area 3 = 54251                 Recovery   =  111.68%
88) IS3_Acenaphthene-d10        7.211  164     60589     4.000 ug/ml    0.00
   Standard Area 2 = 54233                 Recovery   =  111.72%
90) IS1_Phenanthrene-d10        8.625  188    139011     4.000 ug/ml    0.00
   Standard Area 1 = 128488                 Recovery   =  108.19%
102) IS3_Phenanthrene-d10       8.625  188    139011     4.000 ug/ml    0.00
   Standard Area 2 = 123626                 Recovery   =  112.44%
106) IS1_Chrysene-d12          11.199  240    166351     4.000 ug/ml    0.00
   Standard Area 1 = 158360                 Recovery   =  105.05%
115) IS1_Perylene-d12          12.622  264    195409     4.000 ug/ml    0.00
   Standard Area 1 = 188902                 Recovery   =  103.44%

 System Monitoring Compounds
 4) 2-Fluorophenol              3.003  112      4996     0.796 ug/ml   0.00
   Spiked Amount     2.000   Range  15 - 110    Recovery   =   39.80%
 7) Phenol-d6                   3.997   99      5343     0.665 ug/ml   0.00
   Spiked Amount     2.000   Range  15 - 110    Recovery   =   33.25%
19) Nitrobenzene-d5             4.833   82      7936     1.088 ug/ml   0.00
   Spiked Amount     1.000   Range  30 - 130    Recovery   =  108.80%
48) 2-Fluorobiphenyl            6.593  172     20483     0.886 ug/ml   0.00
   Spiked Amount     1.000   Range  30 - 130    Recovery   =   88.60%
81) 2,4,6-Tribromophenol        7.973  330      6315     1.458 ug/ml   0.00
   Spiked Amount     2.000   Range  15 - 110    Recovery   =   72.90%
98) 4-Terphenyl-d14            10.195  244     37673     0.937 ug/ml   0.00
   Spiked Amount     1.000   Range  30 - 130    Recovery   =   93.70%
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 038207-5.D
Acq On : 14 Mar 2025 12:35 pm
Operator : Dakota:smz
Sample : WG2038207-5,32,,gmr
Misc : WG2040571,WG2038207,ical21680
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 14 12:52:31 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
: 2 - I:\8270\Dakota\250314RVT\ADP0314.D
: 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Target Compounds					Qvalue
6) 2-Chlorophenol	4.081	128	10060	1.346 ug/ml	90
8) Phenol	4.010	94	6366	0.734 ug/ml	96
9) Bis(2-chloroethyl)ether	4.056	93	11621	1.872 ug/ml	99
10) 1,3-Dichlorobenzene	4.221	146	13125	1.364 ug/ml	96
11) 1,4-Dichlorobenzene	4.296	146	13799	1.405 ug/ml	97
12) 1,2-Dichlorobenzene	4.445	146	13477	1.440 ug/ml	96
13) Benzyl alcohol	4.451	79	9734	1.715 ug/ml	95
14) Bis(2-chloroisopropyl)...	4.594	45	22017	2.011 ug/ml#	73
15) 2-Methylphenol	4.597	108	8448	1.283 ug/ml	98
17) n-Nitrosodi-n-propylamine	4.721	70	10526	2.000 ug/ml#	86
18) 3-Methylphenol/4-Methy...	4.759	108	9515	1.319 ug/ml	91
20) Nitrobenzene	4.849	77	14556	1.952 ug/ml	96
21) Isophorone	5.094	82	26117	1.905 ug/ml	95
22) 2-Nitrophenol	5.166	139	5922	1.568 ug/ml#	90
23) 2,4-Dimethylphenol	5.262	107	8522	1.269 ug/ml	94
24) Bis(2-chloroethoxy)met...	5.340	93	16574	1.941 ug/ml#	92
25) 2,4-Dichlorophenol	5.415	162	12597	1.607 ug/ml#	91
26) 1,2,4-Trichlorobenzene	5.480	180	14255	1.502 ug/ml#	94
29) Acetophenone	4.693	105	19892	2.323 ug/ml#	84
39) Benzoic Acid	5.331	105	855	0.161 ug/ml#	65
40) 4-Chloroaniline	5.623	65	5134	1.818 ug/ml	86
42) p-Chloro-m-cresol	6.139	107	11869	1.754 ug/ml	95
45) Hexachlorocyclopentadiene	6.387	237	6136	0.965 ug/ml	99
46) 2,4,6-Trichlorophenol	6.515	196	9002	1.345 ug/ml	96
47) 2,4,5-Trichlorophenol	6.549	196	11350	1.517 ug/ml	100
50) 2-Nitroaniline	6.801	138	10098	1.982 ug/ml#	84
53) Dimethyl phthalate	7.006	163	42988	1.858 ug/ml#	98
55) 2,6-Dinitrotoluene	7.046	165	8279	1.917 ug/ml#	85
63) 1,2,4,5-Tetrachloroben...	6.387	216	15871	1.646 ug/ml#	97
64) Biphenyl	6.680	154	37993	1.933 ug/ml	96
66) 3-Nitroaniline	7.199	138	8703	1.860 ug/ml#	93
68) 2,4-Dinitrophenol	7.301	184	1264	1.023 ug/ml#	86
69) Dibenzofuran	7.410	168	51809	1.705 ug/ml	97
70) 2,4-Dinitrotoluene	7.432	165	11253	1.919 ug/ml#	82
71) 4-Nitrophenol	7.413	65	3649	1.046 ug/ml#	1
74) Diethyl phthalate	7.690	149	43057	1.805 ug/ml	98

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270\Dakota\250314RVT\
Data File : 038207-5.D
Acq On    : 14 Mar 2025  12:35 pm
Operator  : Dakota:smz
Sample    : WG2038207-5,32,,gmr
Misc      : WG2040571,WG2038207,ical21680
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Mar 14 12:52:31 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\250314RVT\ABN0314.D
             : 2 - I:\8270\Dakota\250314RVT\ADP0314.D
             : 3 - I:\8270\Dakota\250314RVT\AP90314.D
Sub List     : 8270TCL_combo_REV1 - TCL/CT/MA
```

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76)	4-Chlorophenyl phenyl ...	7.764	204	20498	1.709 ug/ml#	88
77)	4-Nitroaniline	7.780	138	9369	2.072 ug/ml#	83
78)	4,6-Dinitro-o-cresol	7.817	198	4337	1.223 ug/ml#	68
79)	NDPA/DPA	7.882	169	36437	1.800 ug/ml	90
82)	4-Bromophenyl phenyl e...	8.227	248	13322	1.686 ug/ml#	84
93)	Carbazole	8.874	167	72611	1.963 ug/ml	99
94)	Di-n-butylphthalate	9.275	149	76910	1.834 ug/ml	99
99)	Butyl benzyl phthalate	10.714	149	36001	2.004 ug/ml	86
108)	3,3'-Dichlorobenzidine	11.202	252	36342	1.731 ug/ml#	98
110)	Bis(2-ethylhexyl)phtha...	11.342	149	56260	1.862 ug/ml#	89
111)	Di-n-octylphthalate	12.001	149	94246	1.870 ug/ml#	76

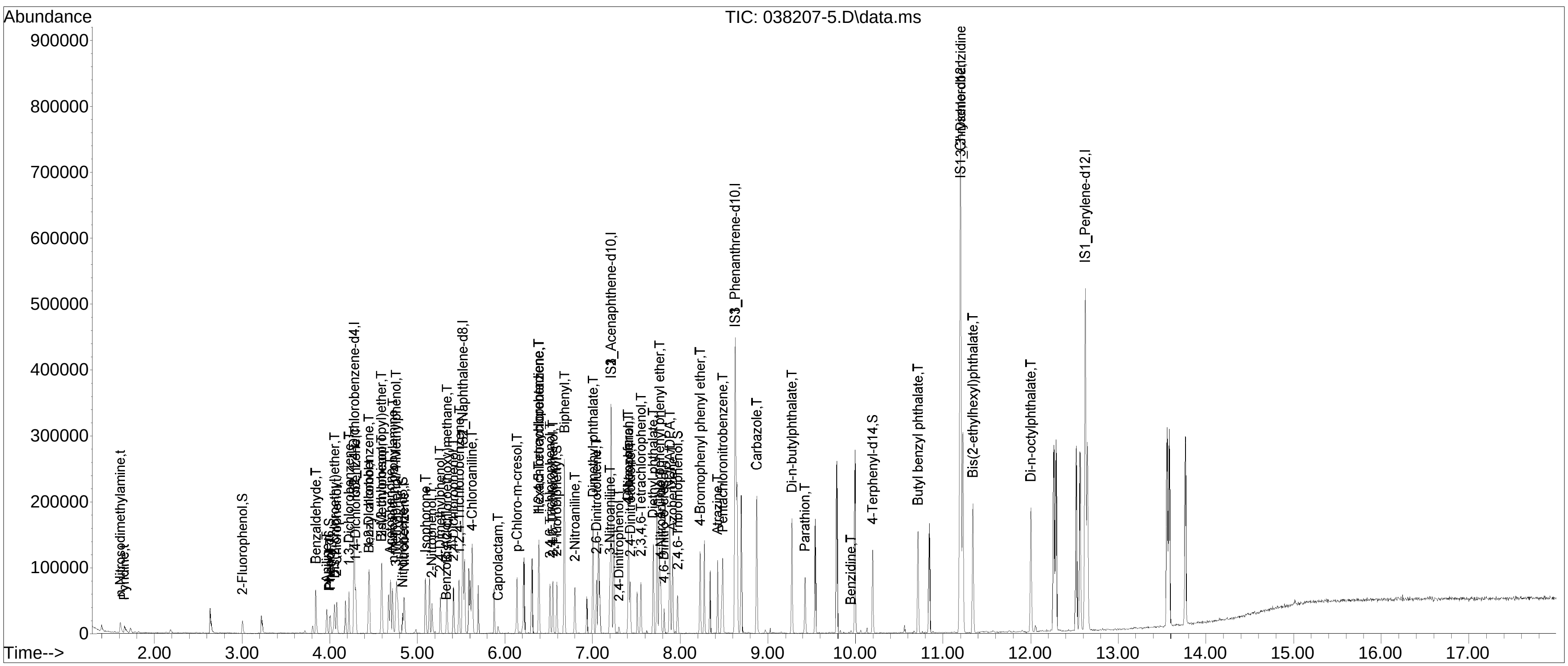
(#) = qualifier out of range (m) = manual integration (+) = signals summed

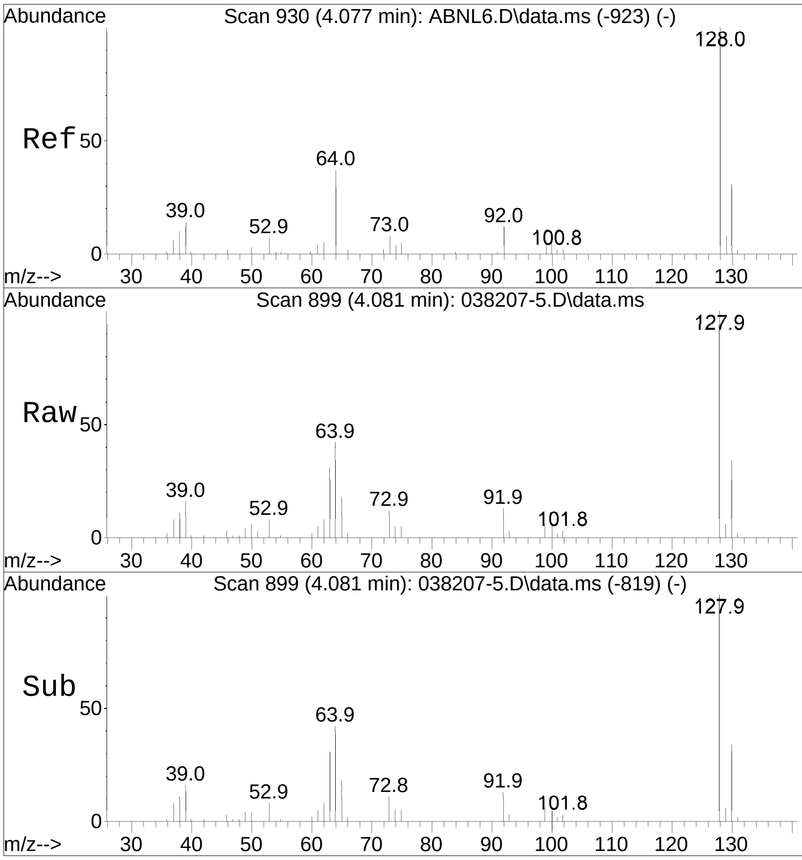
Quantitation Report   (QT Reviewed)

Data Path : I:\8270\Dakota\250314RVT\
Data File : 038207-5.D
Acq On   : 14 Mar 2025 12:35 pm
Operator : Dakota:smz
Sample   : WG2038207-5,32,,gmr
Misc   : WG2040571,WG2038207,ical21680
ALS Vial : 7   Sample Multiplier: 1

Quant Time: Mar 14 12:52:31 2025
Quant Method : I:\8270\Dakota\250314RVT\FS241105RVT_Dakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 14 11:59:17 2025
Response via : Initial Calibration

Sub List   : 8270TCL_combo_REV1 - TCL/CT/MAP90314.D•

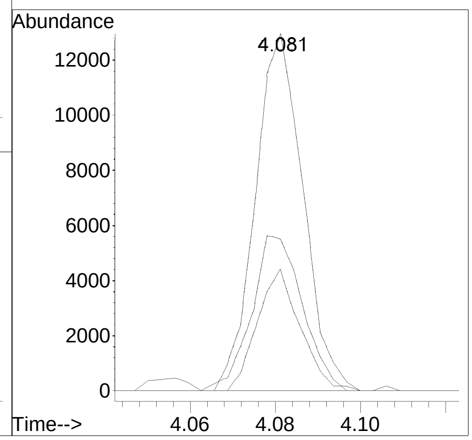


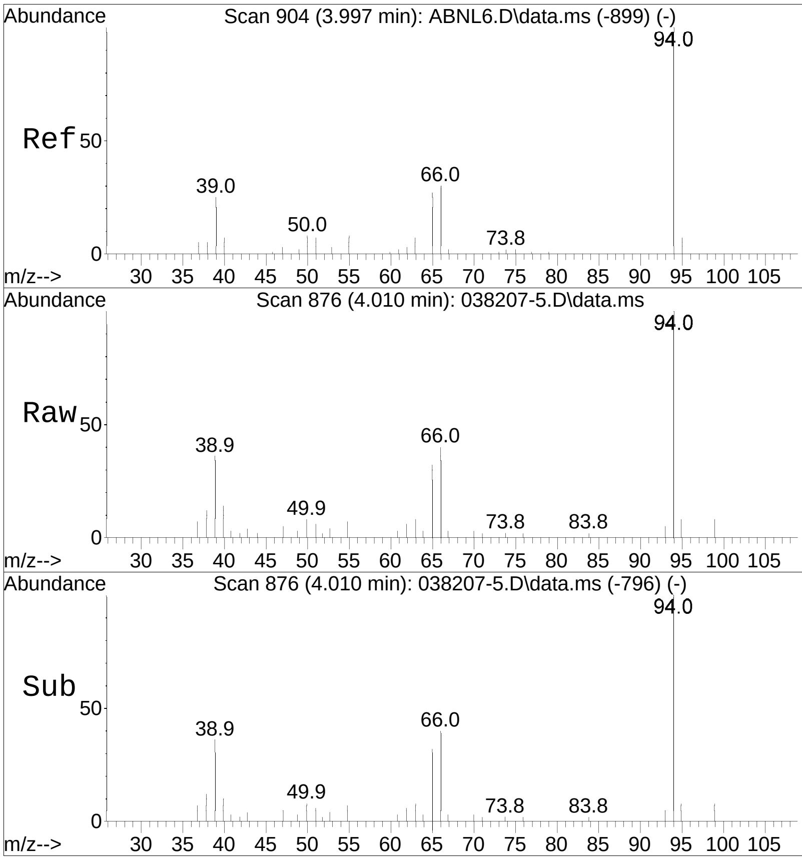


#6
2-Chlorophenol
Concen: 1.35 ug/ml
RT: 4.081 min Scan# 899
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:128 Resp: 10060

Ion	Ratio	Lower	Upper
128	100		
64	46.3	45.1	67.7
130	30.6	26.2	39.4

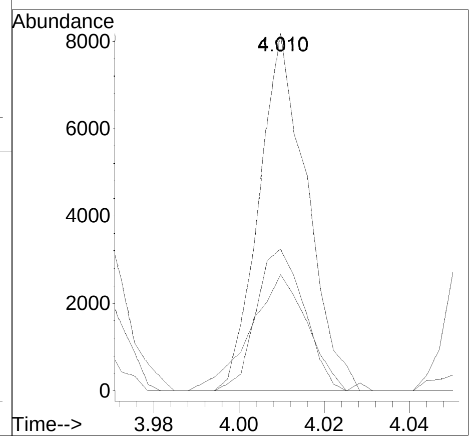


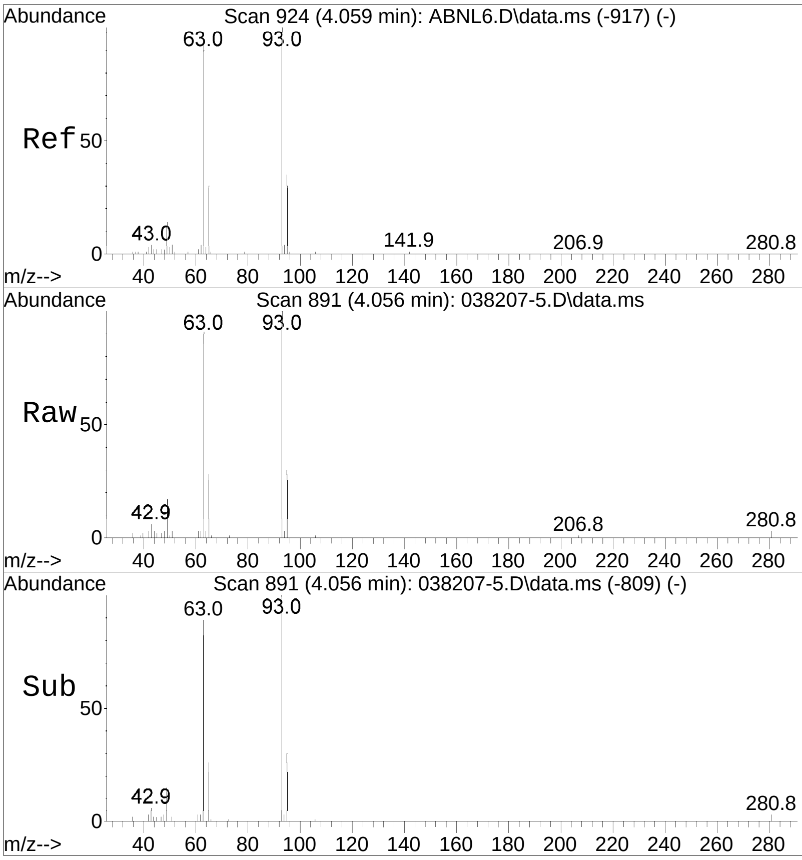


#8
Phenol
Concen: 0.73 ug/ml
RT: 4.010 min Scan# 876
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion: 94 Resp: 6366

Ion	Ratio	Lower	Upper
94	100		
65	35.3	26.0	39.0
66	43.9	33.8	50.8

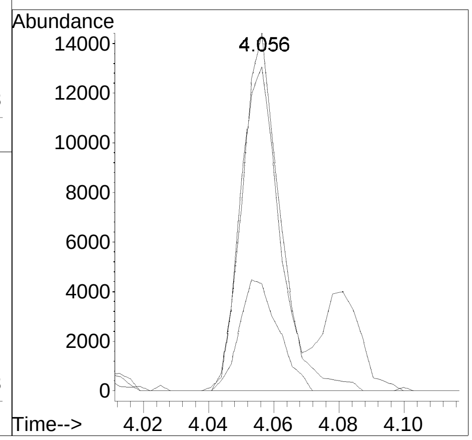


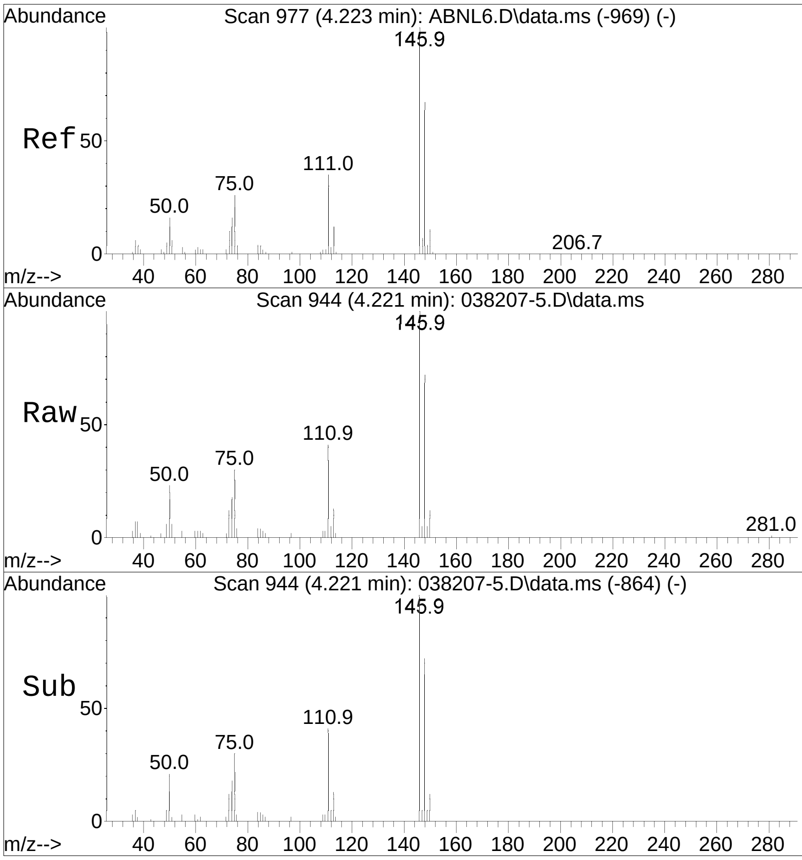


#9
Bis(2-chloroethyl)ether
Concen: 1.87 ug/ml
RT: 4.056 min Scan# 891
Delta R.T. 0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion: 93 Resp: 11621

Ion	Ratio	Lower	Upper
93	100		
63	91.5	74.6	111.8
95	32.2	25.9	38.9

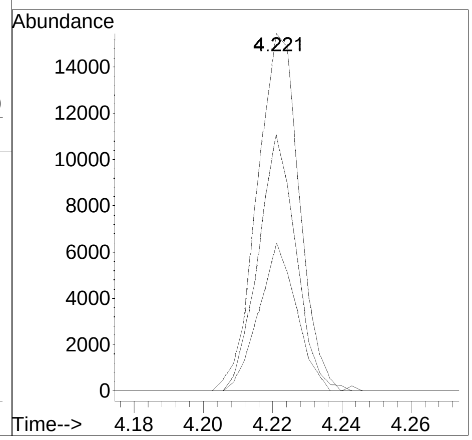


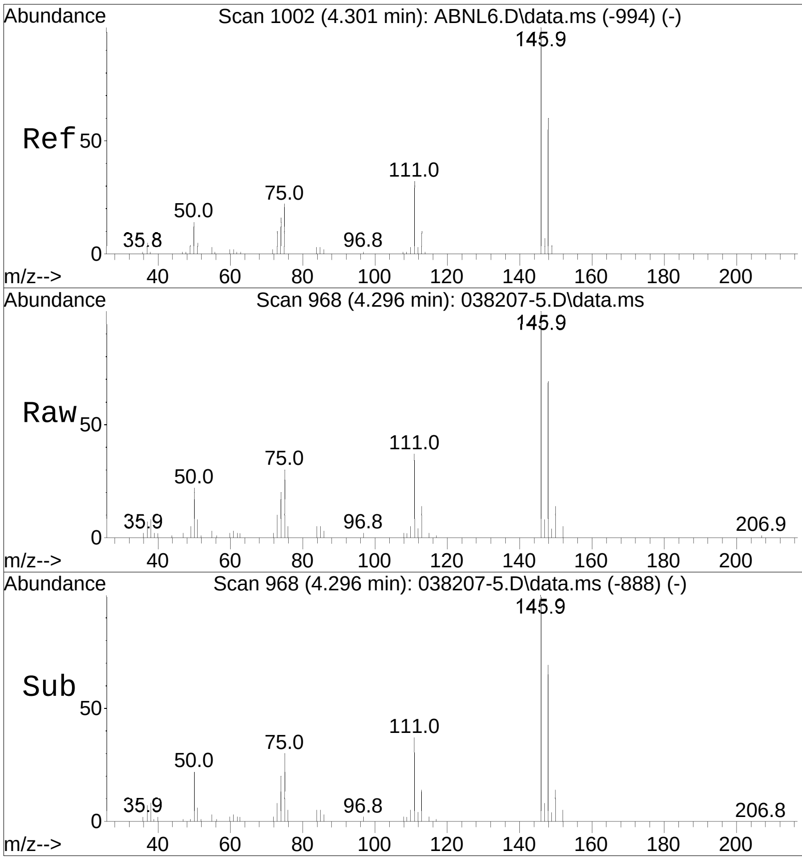


#10
1,3-Dichlorobenzene
Concen: 1.36 ug/ml
RT: 4.221 min Scan# 944
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:146 Resp: 13125

Ion	Ratio	Lower	Upper
146	100		
111	36.8	34.3	51.5
148	64.0	50.8	76.2

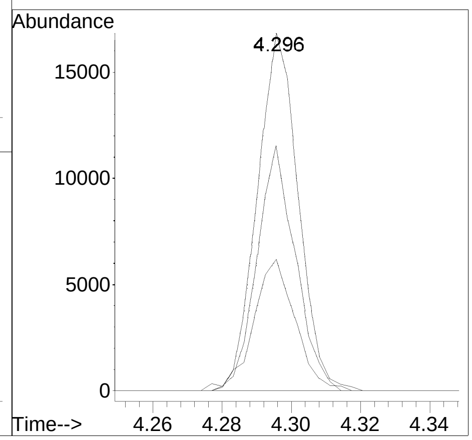


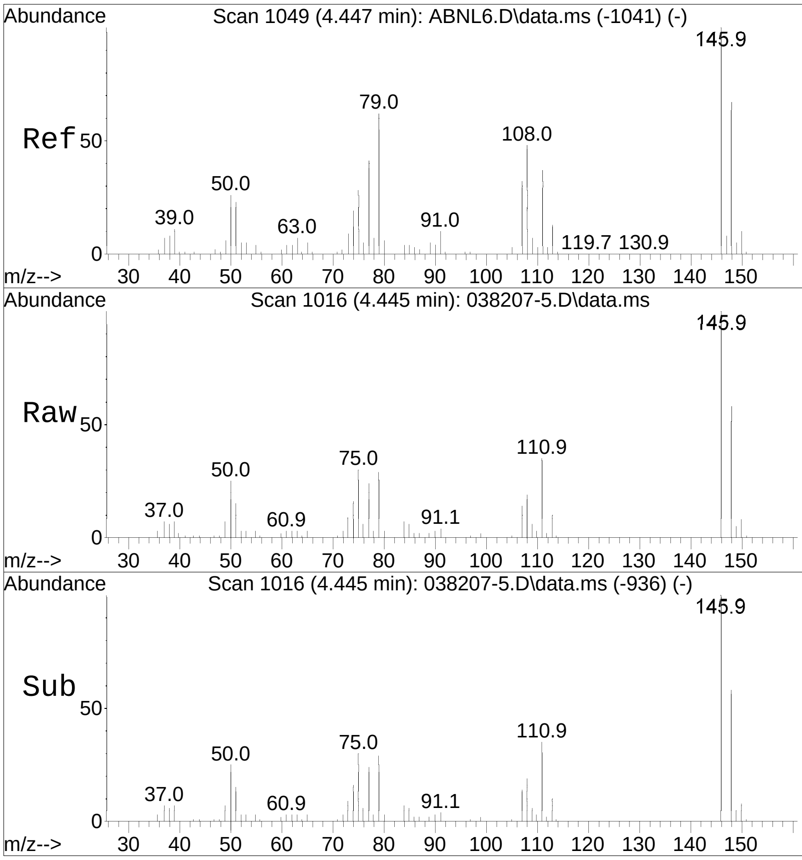


#11
1,4-Dichlorobenzene
Concen: 1.40 ug/ml
RT: 4.296 min Scan# 968
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:146 Resp: 13799

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.7	76.1
111	37.6	33.4	50.0

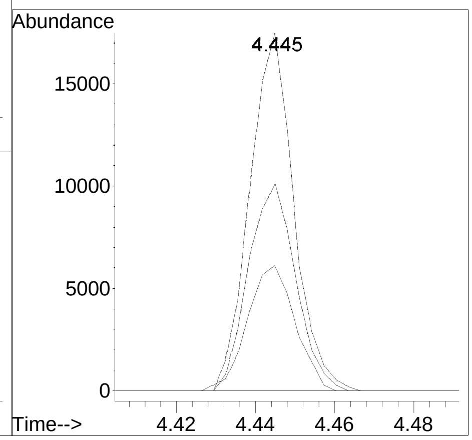


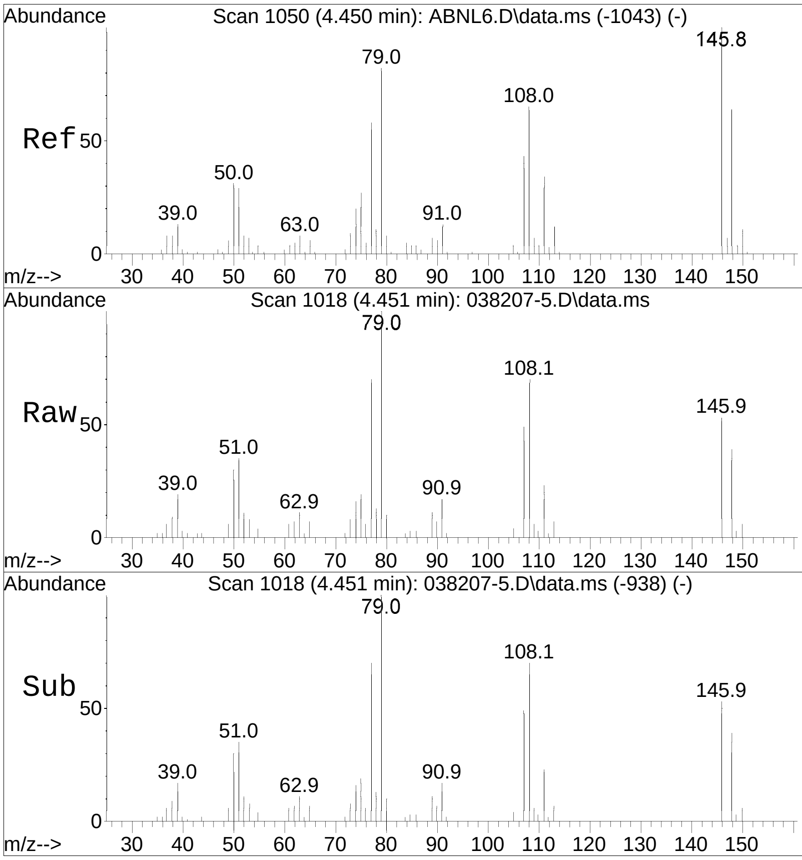


#12
1,2-Dichlorobenzene
Concen: 1.44 ug/ml
RT: 4.445 min Scan# 1016
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:146 Resp: 13477

Ion	Ratio	Lower	Upper
146	100		
111	38.0	34.6	52.0
148	62.3	50.2	75.4

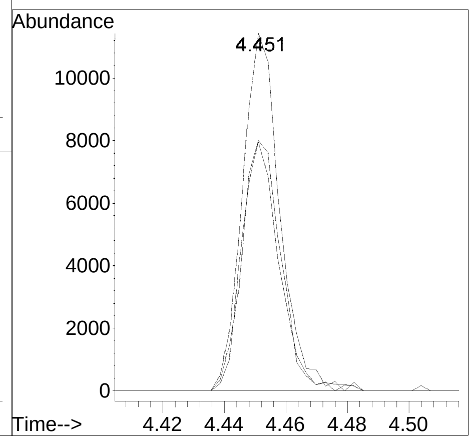


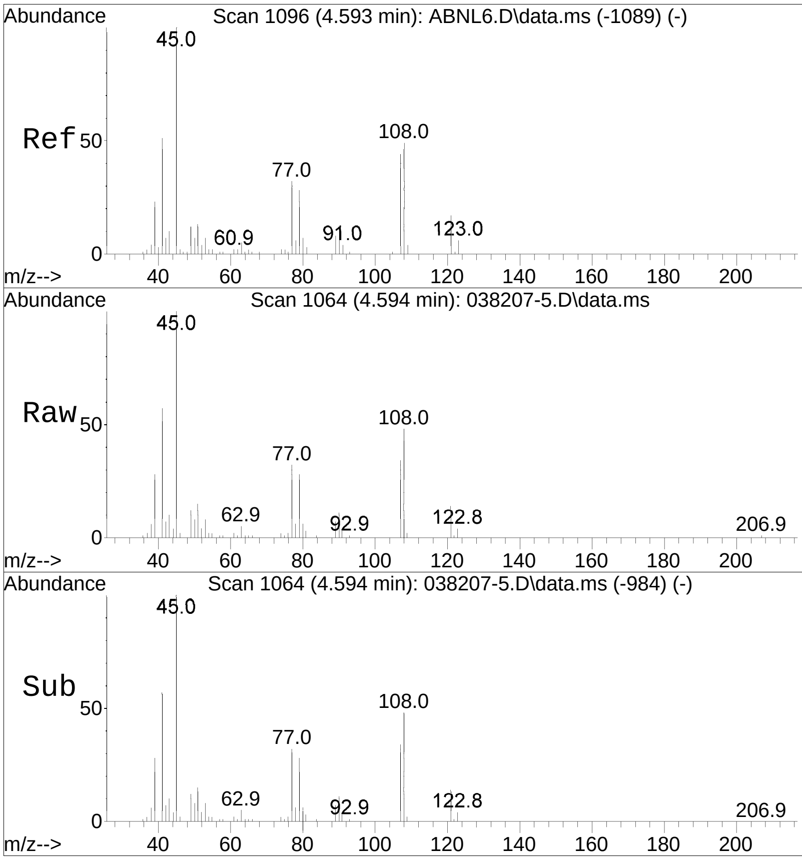


#13
Benzyl alcohol
Concen: 1.72 ug/ml
RT: 4.451 min Scan# 1018
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion: 79 Resp: 9734

Ion	Ratio	Lower	Upper
79	100		
77	69.8	54.9	82.3
108	71.9	63.1	94.7

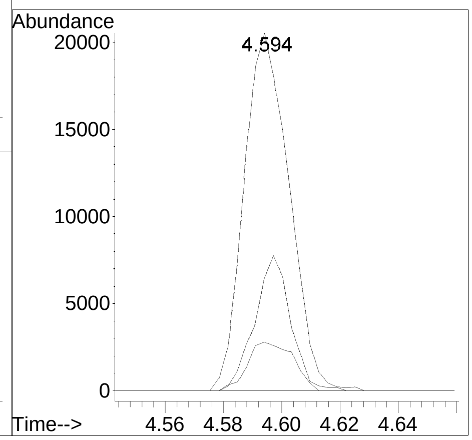


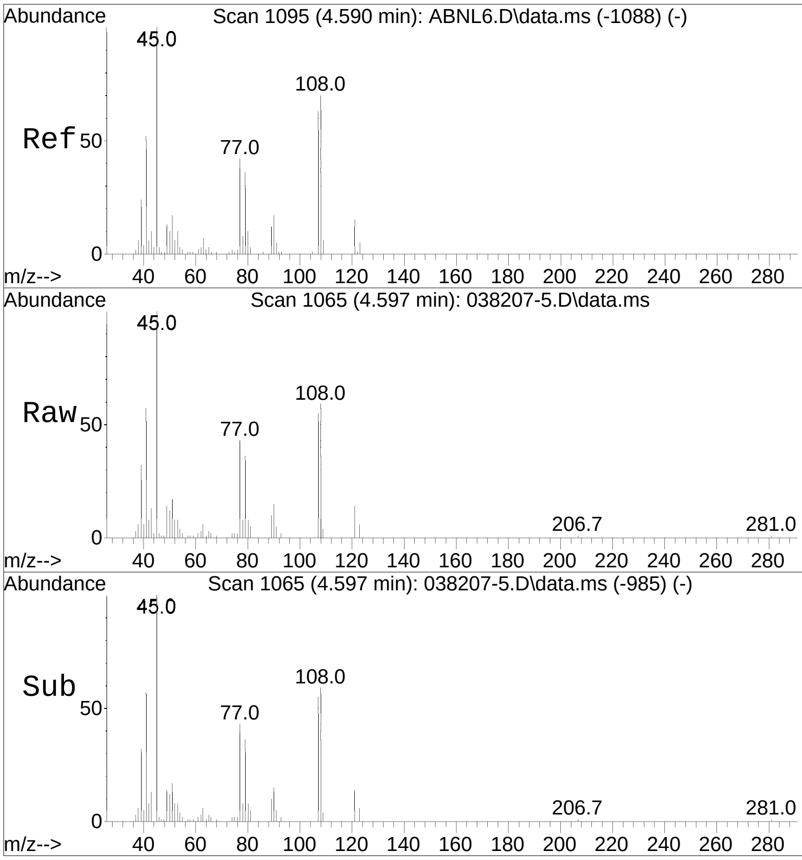


#14
Bis(2-chloroisopropyl)ether
Concen: 2.01 ug/ml
RT: 4.594 min Scan# 1064
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion: 45 Resp: 22017

Ion	Ratio	Lower	Upper
45	100		
121	13.8	9.8	14.6
77	30.1	6.1	9.1#

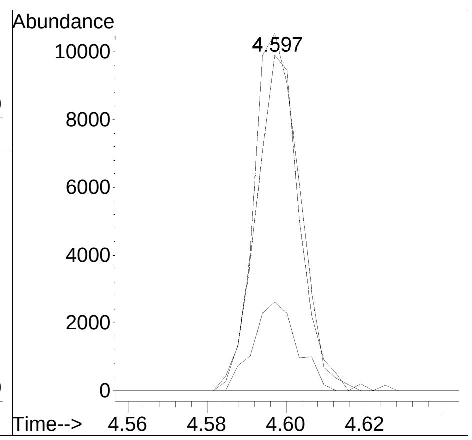


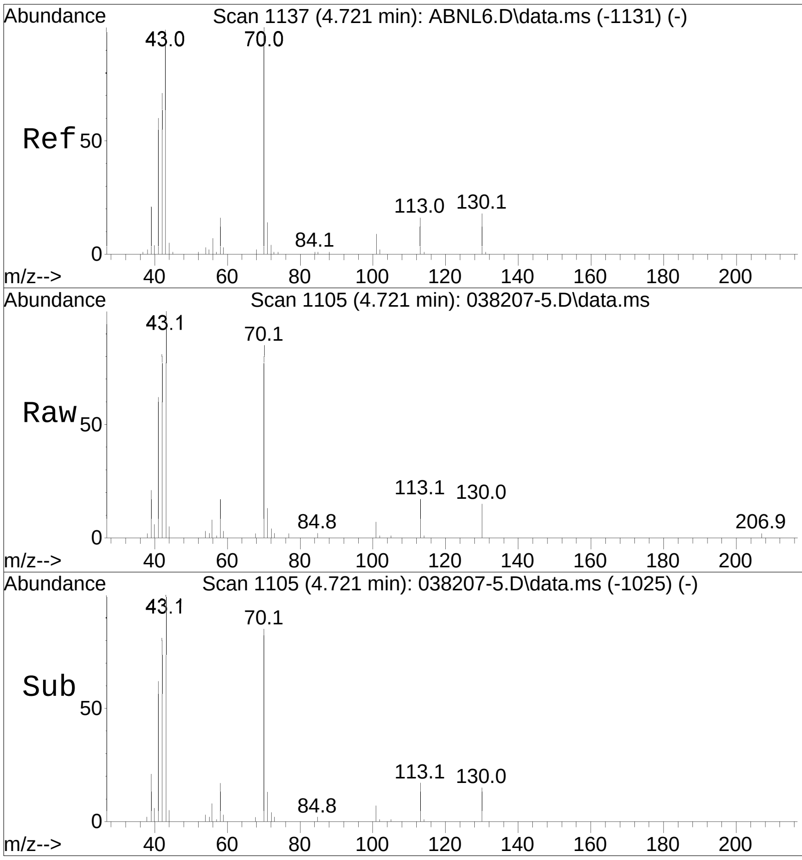


#15
2-Methylphenol
Concen: 1.28 ug/ml
RT: 4.597 min Scan# 1065
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:108 Resp: 8448

Ion	Ratio	Lower	Upper
108	100		
107	90.0	70.7	106.1
90	24.4	18.7	28.1

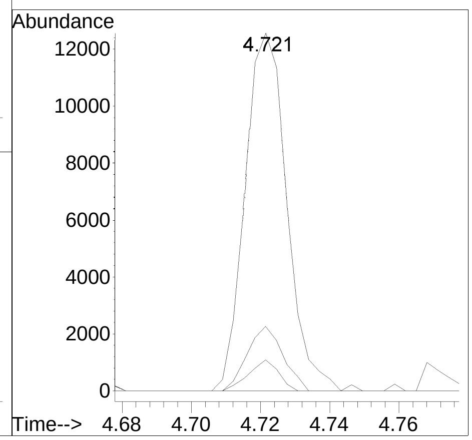


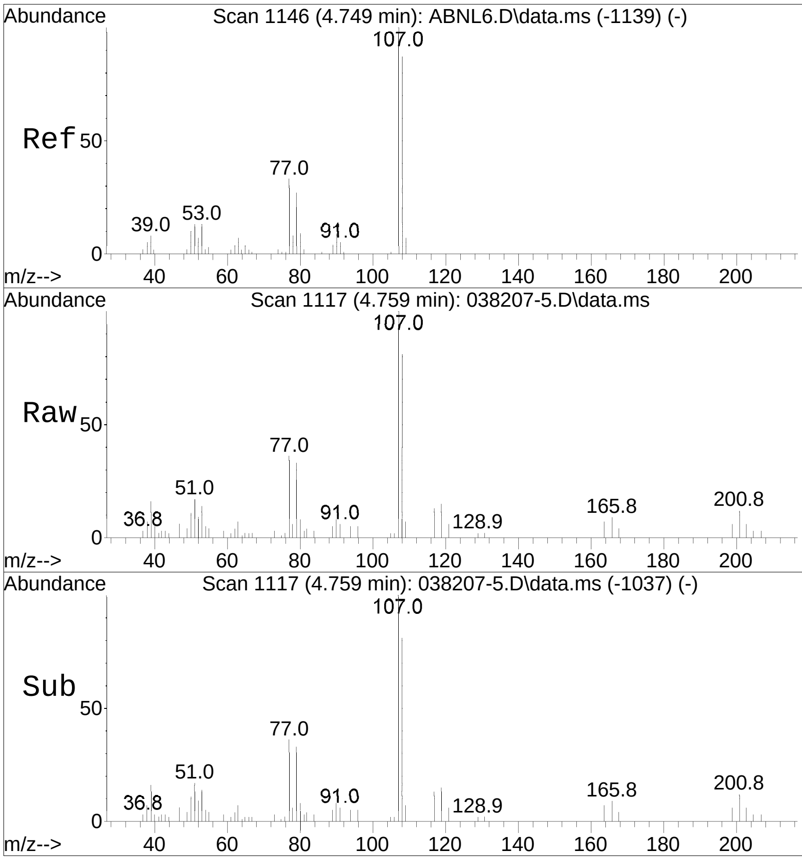


#17
n-Nitrosodi-n-propylamine
Concen: 2.00 ug/ml
RT: 4.721 min Scan# 1105
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion: 70 Resp: 10526

Ion	Ratio	Lower	Upper
70	100		
130	15.4	18.2	27.4#
101	6.2	7.8	11.8#

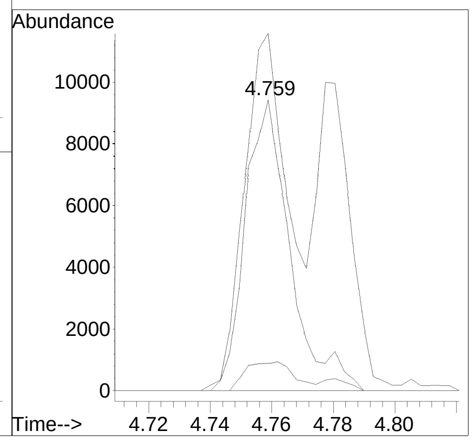


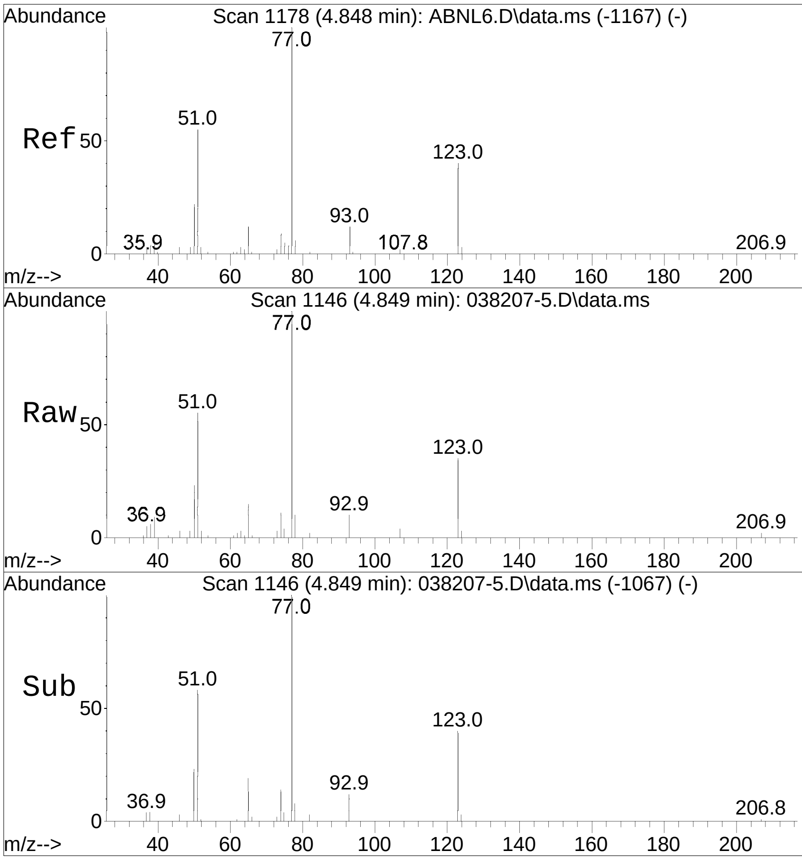


#18
3-Methylphenol/4-Methylphenol
Concen: 1.32 ug/ml
RT: 4.759 min Scan# 1117
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:108 Resp: 9515

Ion	Ratio	Lower	Upper
108	100		
107	120.8	88.6	132.8
90	10.8	8.8	13.2

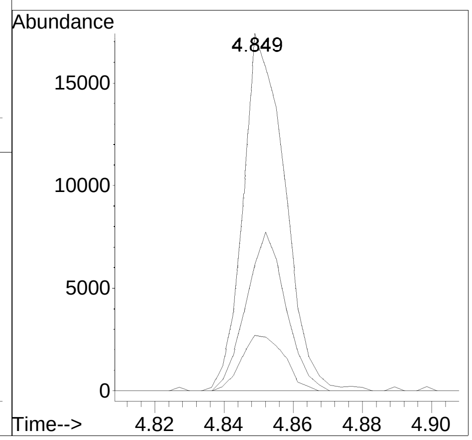


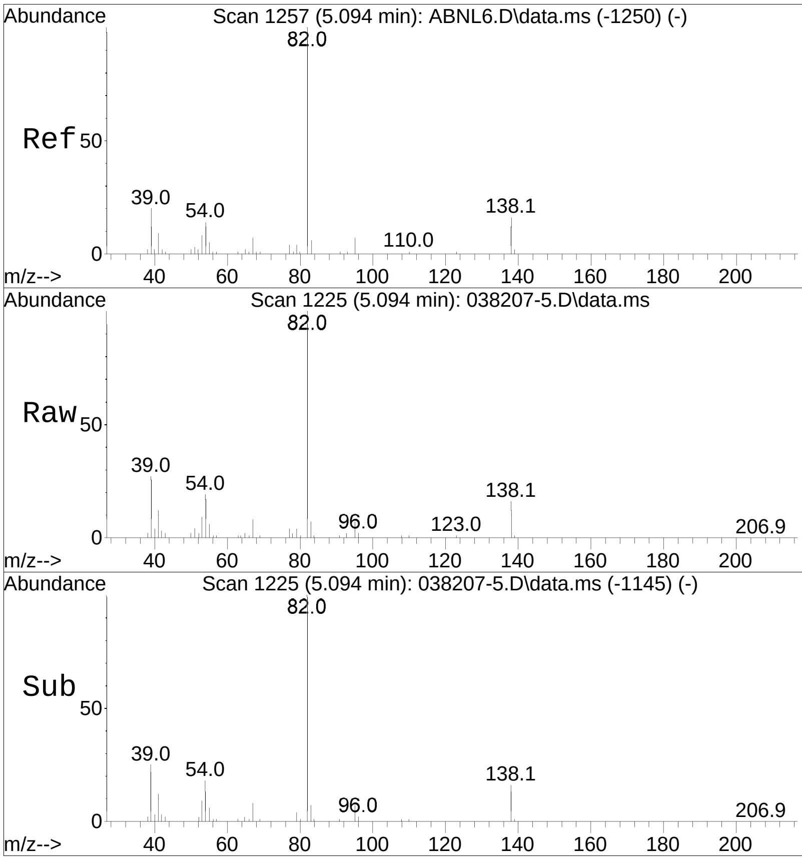


#20
Nitrobenzene
Concen: 1.95 ug/ml
RT: 4.849 min Scan# 1146
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion: 77 Resp: 14556

Ion	Ratio	Lower	Upper
77	100		
123	42.3	36.3	54.5
65	16.0	11.6	17.4

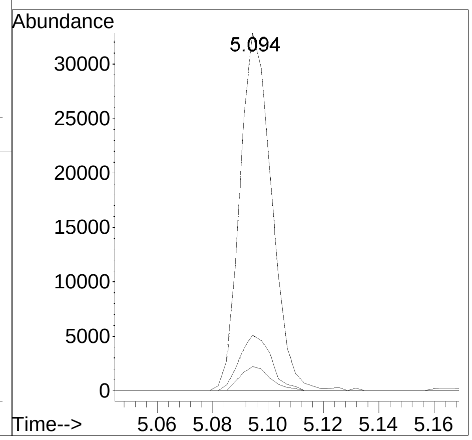


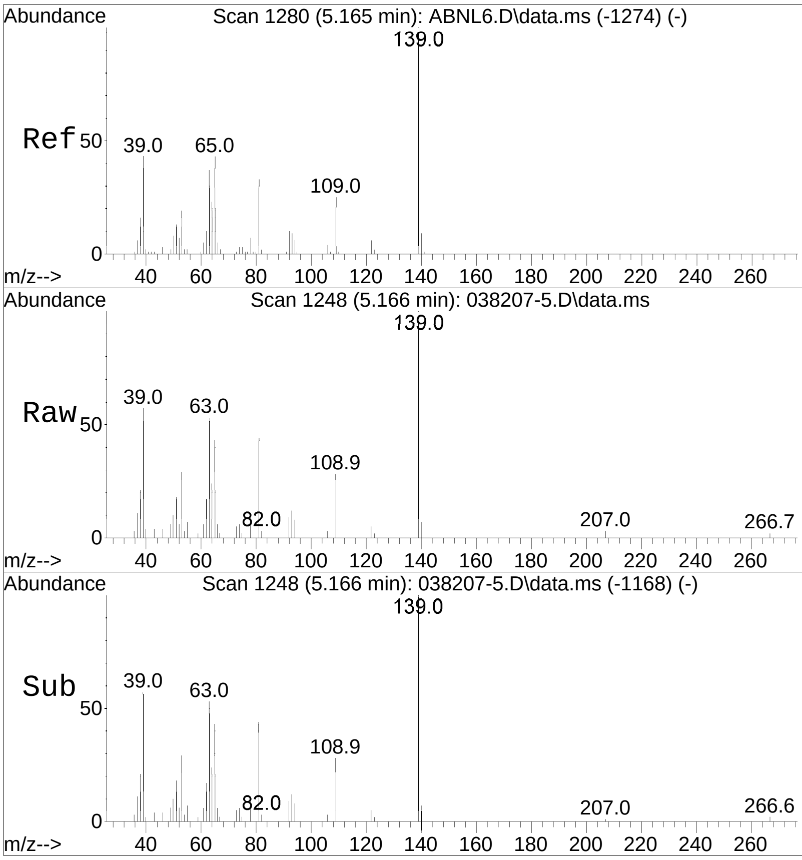


#21
Isophorone
Concen: 1.90 ug/ml
RT: 5.094 min Scan# 1225
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion: 82 Resp: 26117

Ion	Ratio	Lower	Upper
82	100		
138	15.4	14.7	22.1
95	6.4	5.2	7.8

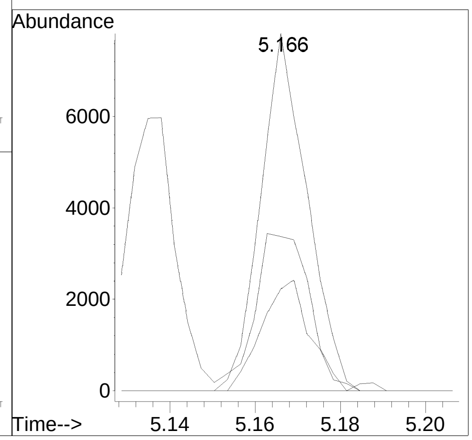


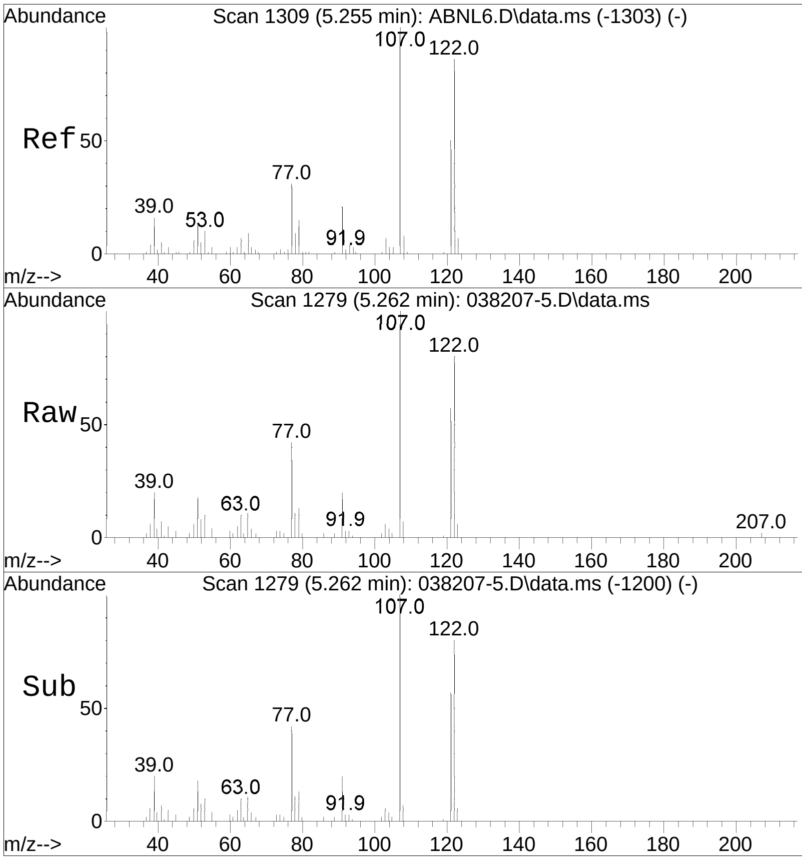


#22
2-Nitrophenol
Concen: 1.57 ug/ml
RT: 5.166 min Scan# 1248
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:139 Resp: 5922

Ion	Ratio	Lower	Upper
139	100		
109	32.4	19.4	29.0#
65	52.7	46.1	69.1

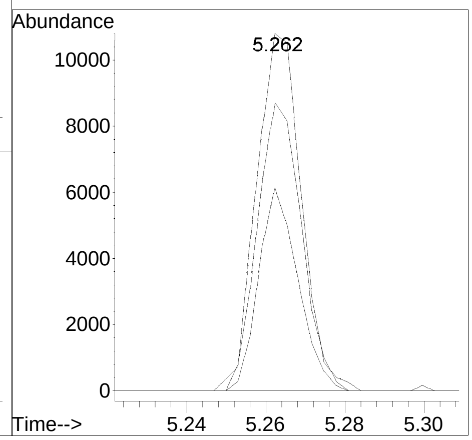


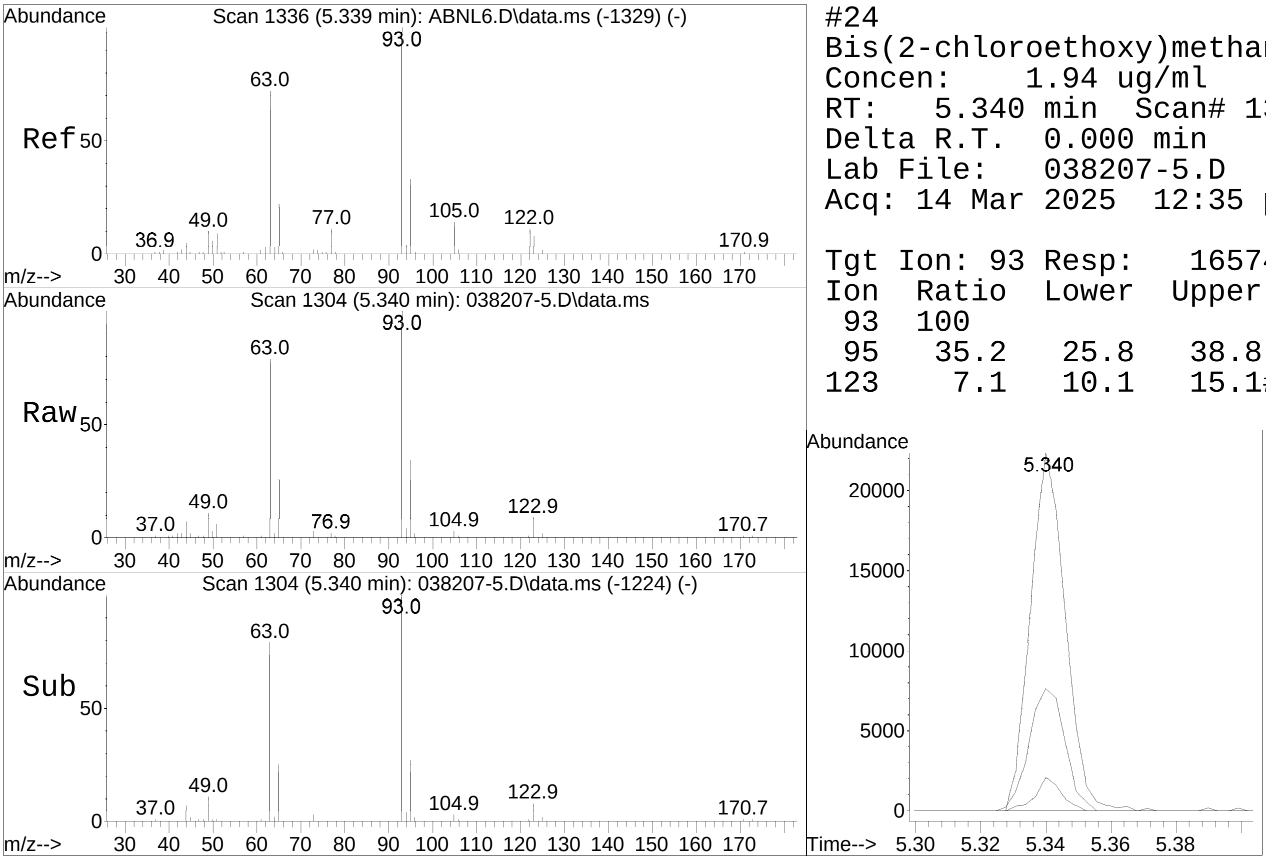


#23
2,4-Dimethylphenol
Concen: 1.27 ug/ml
RT: 5.262 min Scan# 1279
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:107 Resp: 8522

Ion	Ratio	Lower	Upper
107	100		
121	49.9	40.0	60.0
122	79.6	70.2	105.4

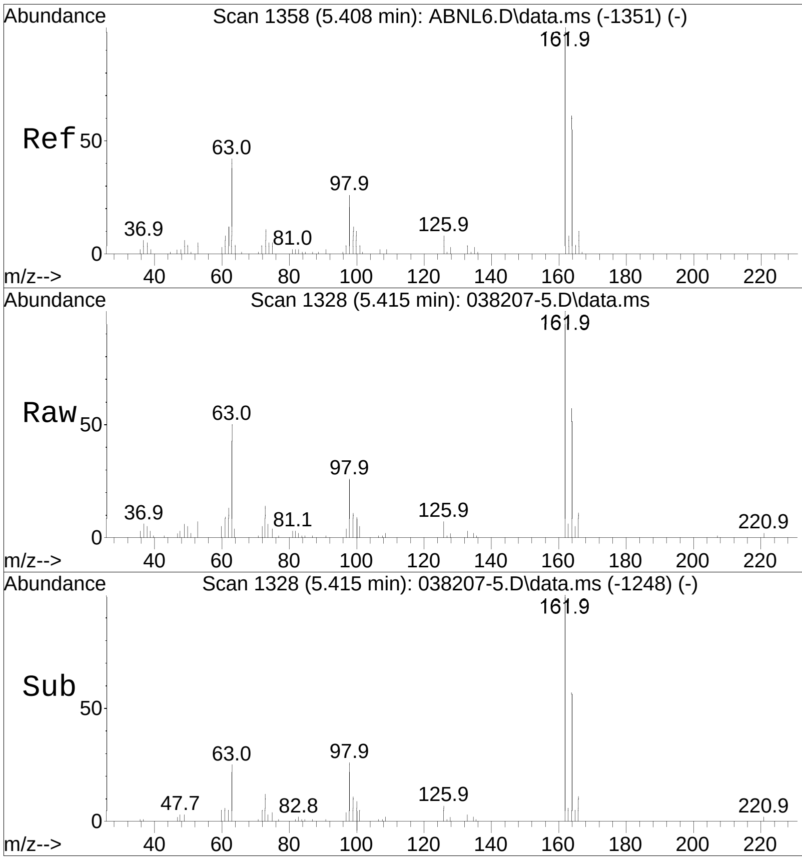




#24
Bis(2-chloroethoxy)methane
Concen: 1.94 ug/ml
RT: 5.340 min Scan# 1304
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion: 93 Resp: 16574

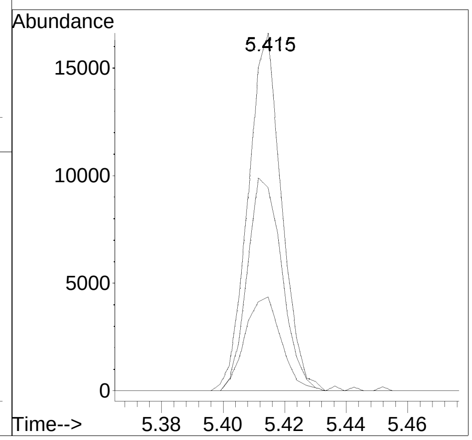
Ion	Ratio	Lower	Upper
93	100		
95	35.2	25.8	38.8
123	7.1	10.1	15.1#

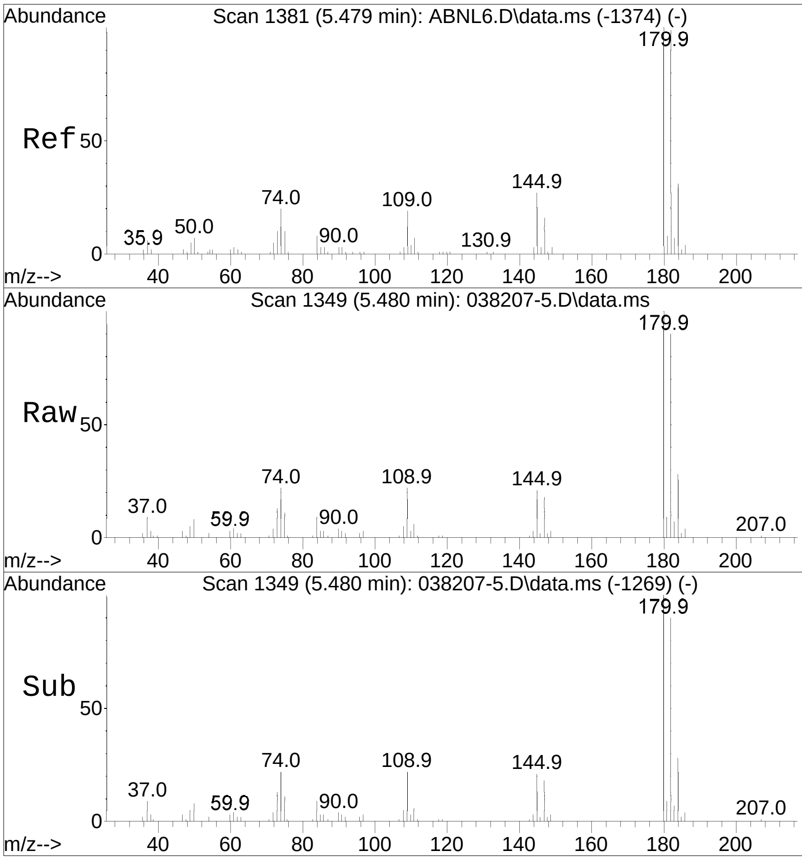


#25
2,4-Dichlorophenol
Concen: 1.61 ug/ml
RT: 5.415 min Scan# 1328
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:162 Resp: 12597

Ion	Ratio	Lower	Upper
162	100		
164	61.5	51.0	76.4
98	28.3	32.2	48.2#

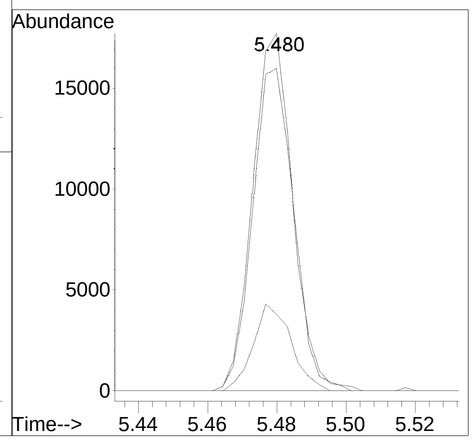


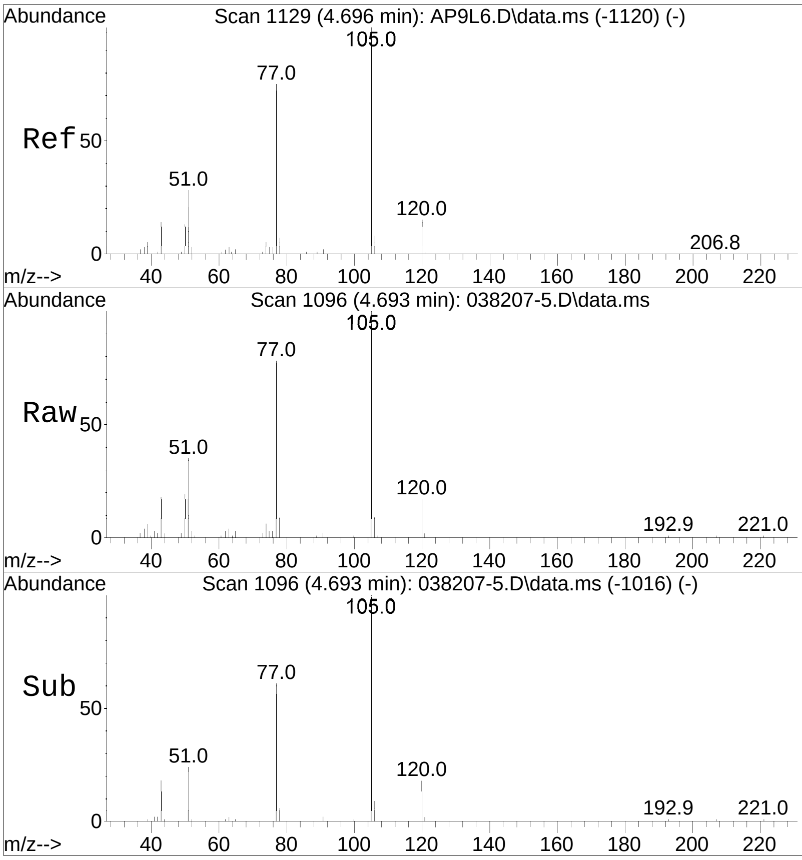


#26
1,2,4-Trichlorobenzene
Concen: 1.50 ug/ml
RT: 5.480 min Scan# 1349
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:180 Resp: 14255

Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.0	114.0
145	23.0	25.7	38.5#

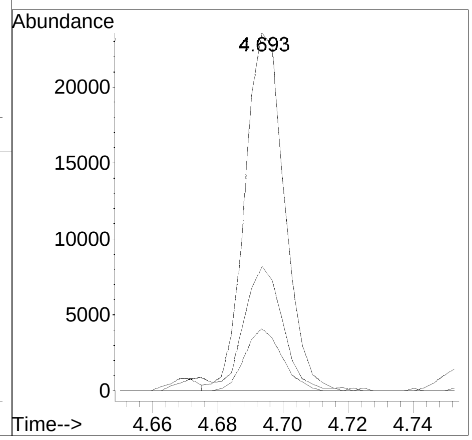


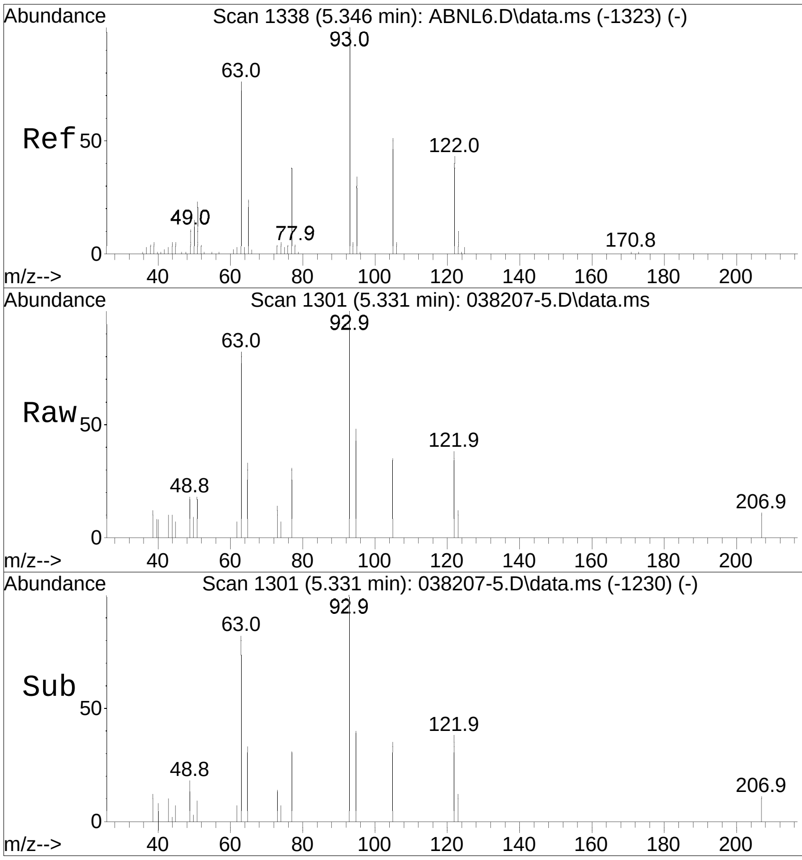


#29
Acetophenone
Concen: 2.32 ug/ml
RT: 4.693 min Scan# 1096
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:105 Resp: 19892

Ion	Ratio	Lower	Upper
105	100		
120	16.4	20.5	30.7#
51	34.4	34.9	52.3#

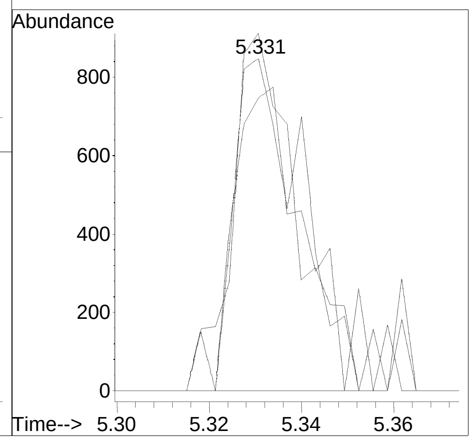


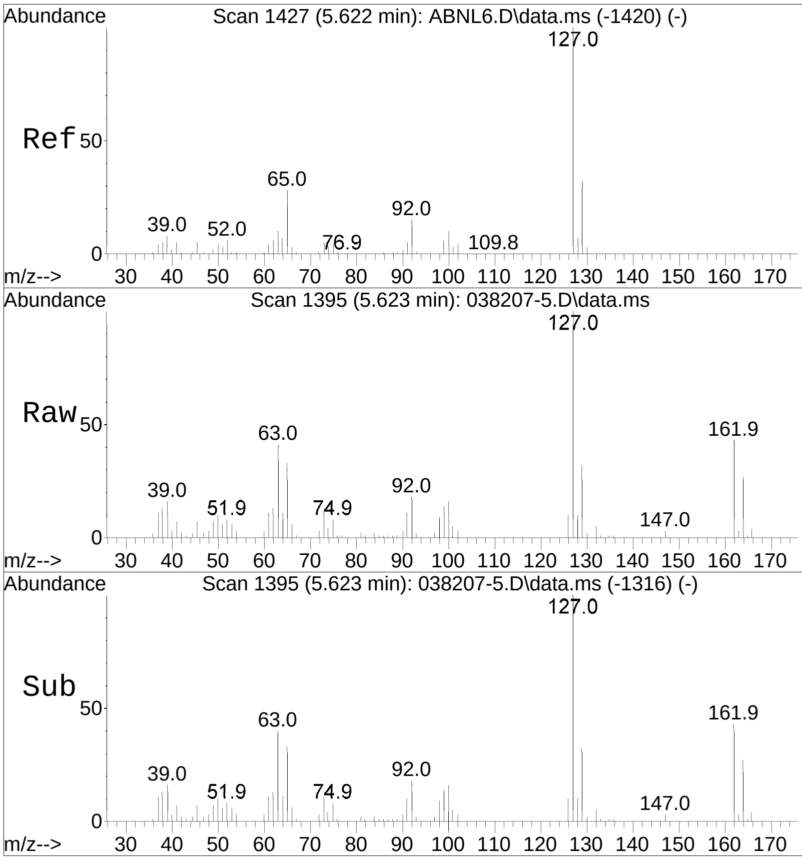


#39
Benzoic Acid
Concen: 0.16 ug/ml
RT: 5.331 min Scan# 1301
Delta R.T. -0.028 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:105 Resp: 855

Ion	Ratio	Lower	Upper
105	100		
122	104.9	59.9	89.9#
77	104.2	60.1	90.1#

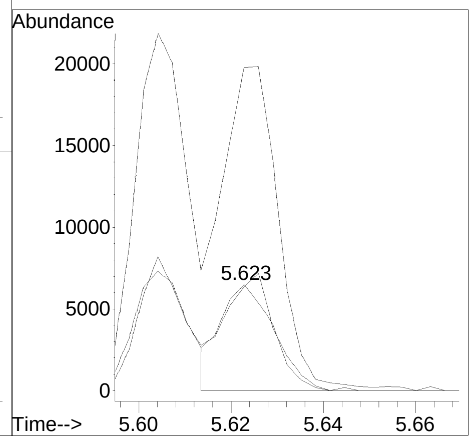


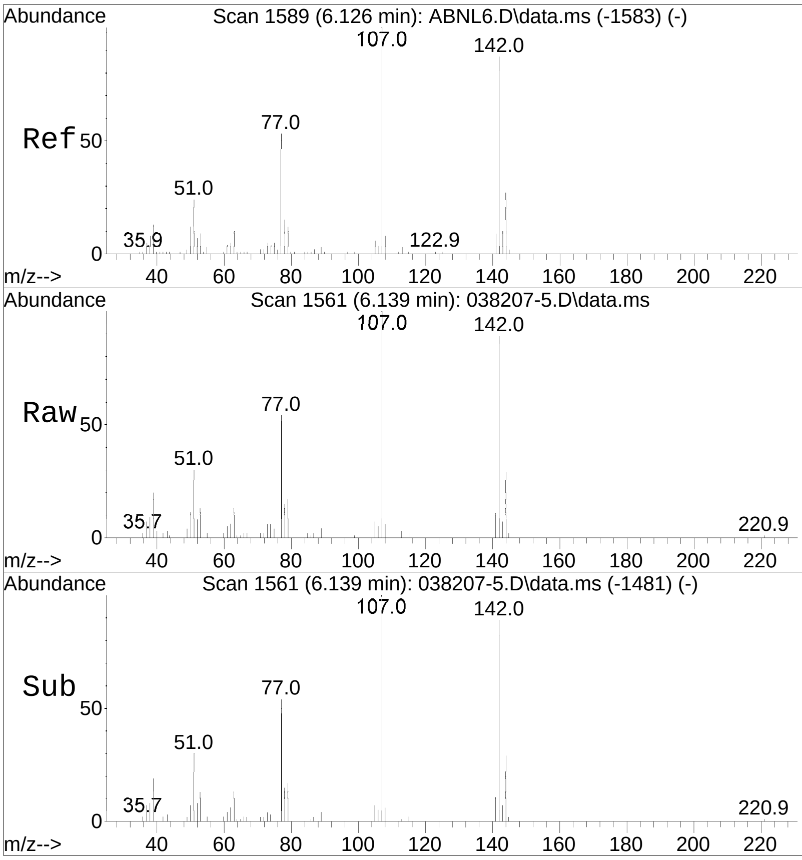


#40
4-Chloroaniline
Concen: 1.82 ug/ml
RT: 5.623 min Scan# 1395
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion: 65 Resp: 5134

Ion	Ratio	Lower	Upper
65	100		
127	326.8	237.6	356.4
129	106.5	76.3	114.5

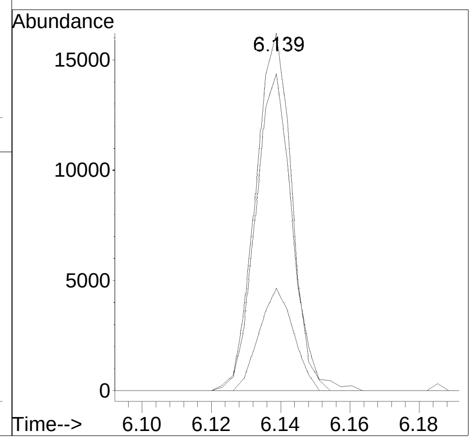


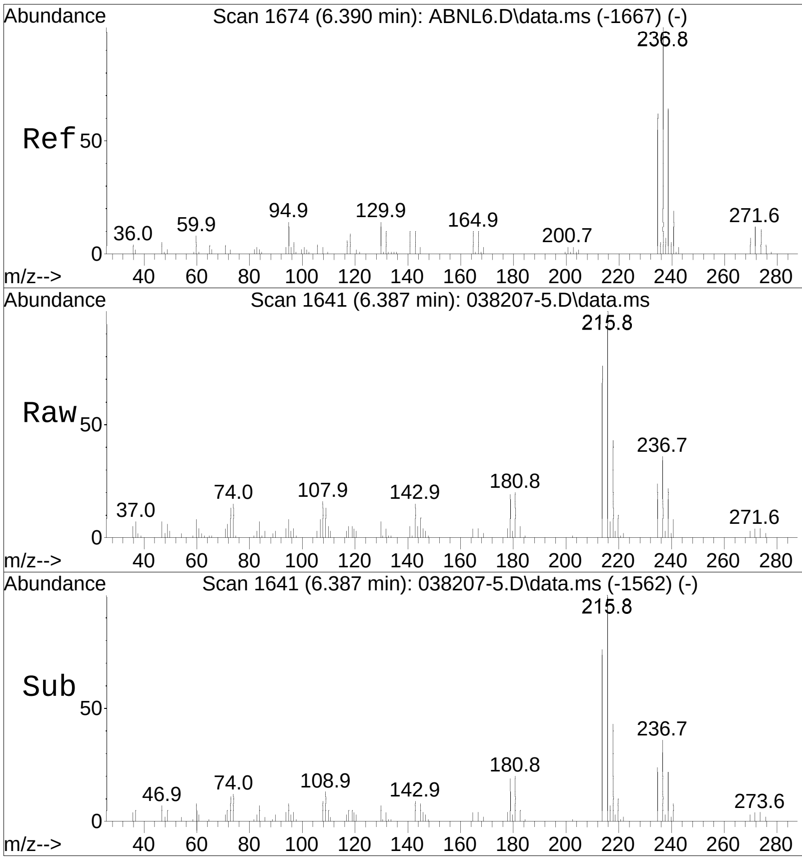


#42
p-Chloro-m-cresol
Concen: 1.75 ug/ml
RT: 6.139 min Scan# 1561
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:107 Resp: 11869

Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.9	31.3
142	88.1	66.1	99.1

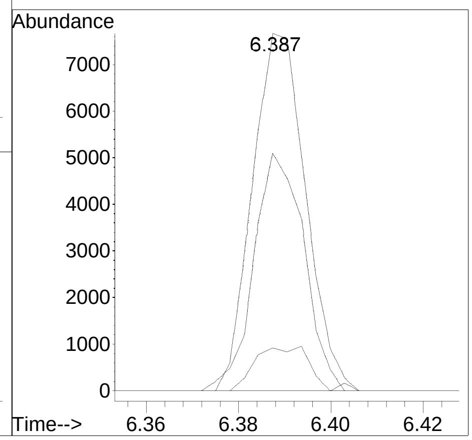


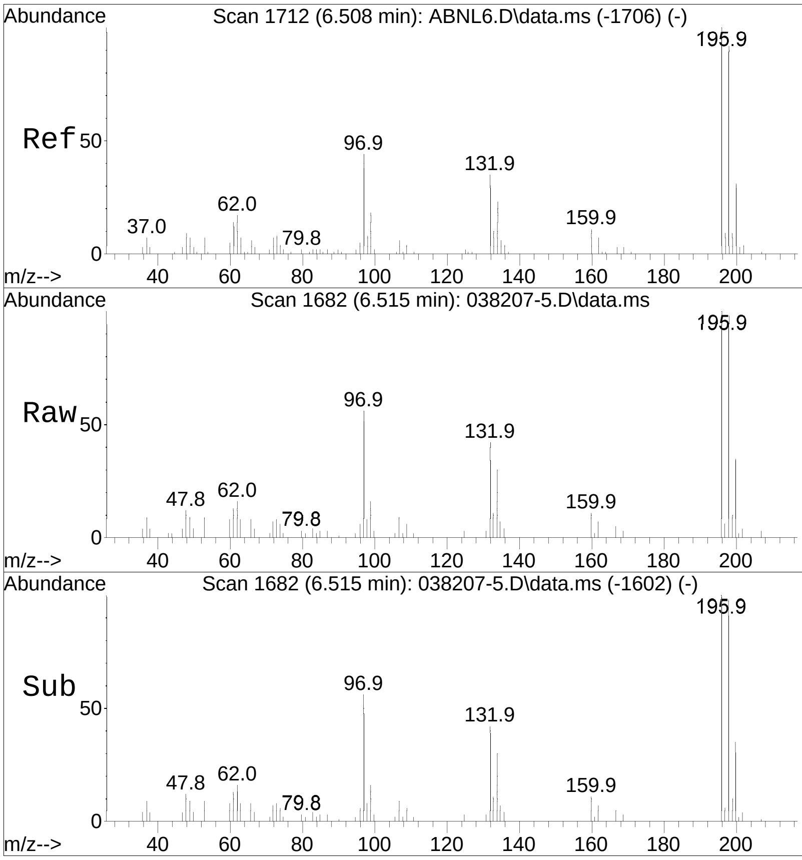


#45
Hexachlorocyclopentadiene
Concen: 0.97 ug/ml
RT: 6.387 min Scan# 1641
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:237 Resp: 6136

Ion	Ratio	Lower	Upper
237	100		
235	62.5	49.7	74.5
272	12.9	9.8	14.6

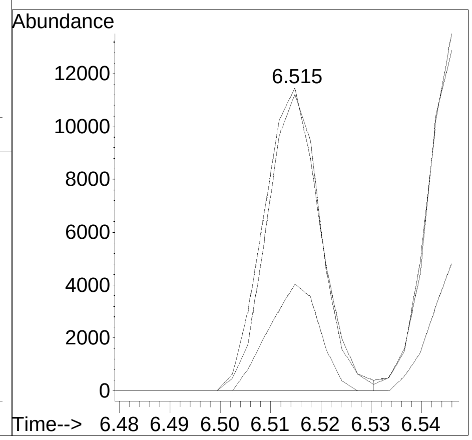


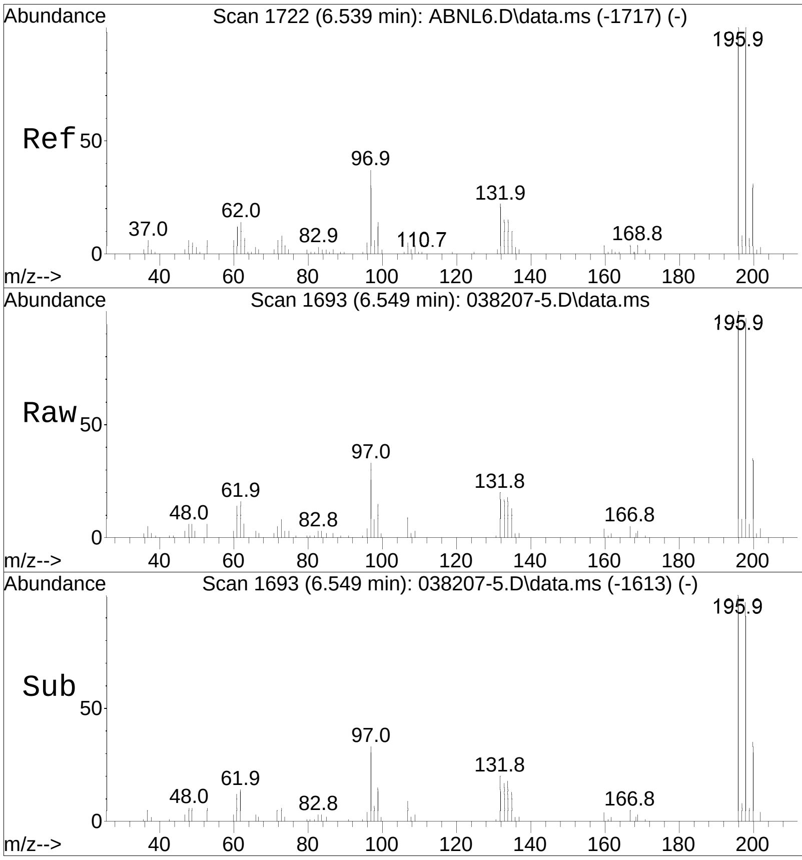


#46
2,4,6-Trichlorophenol
Concen: 1.35 ug/ml
RT: 6.515 min Scan# 1682
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:196 Resp: 9002

Ion	Ratio	Lower	Upper
196	100		
198	93.2	77.5	116.3
200	31.8	23.8	35.6

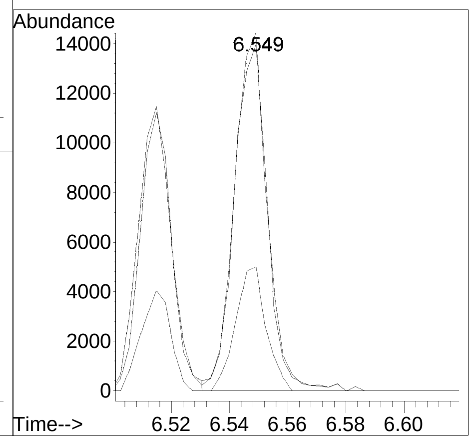


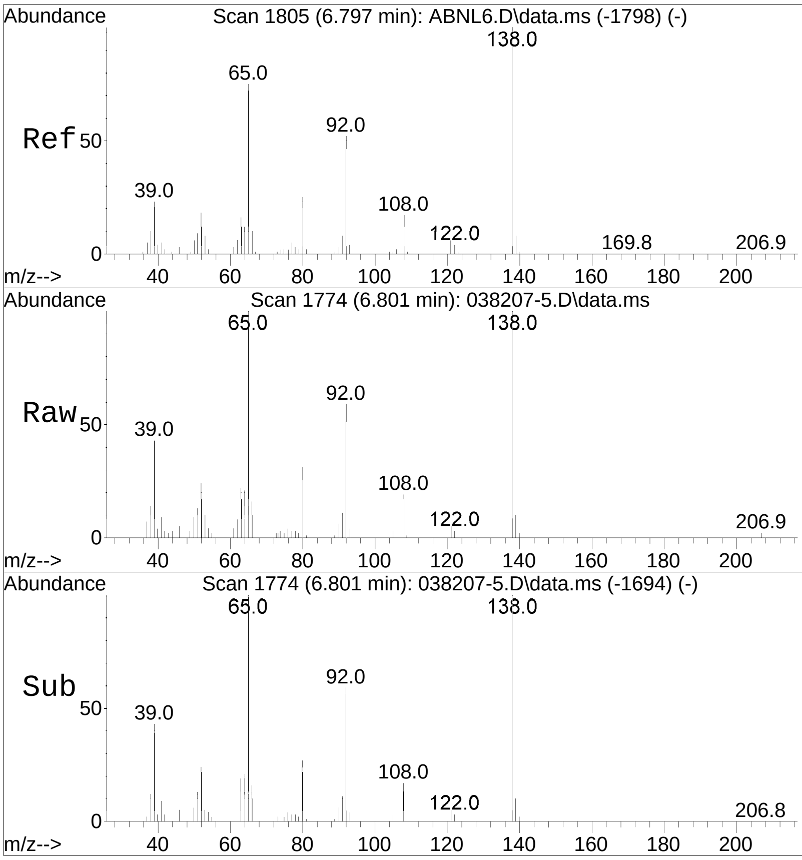


#47
2,4,5-Trichlorophenol
Concen: 1.52 ug/ml
RT: 6.549 min Scan# 1693
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:196 Resp: 11350

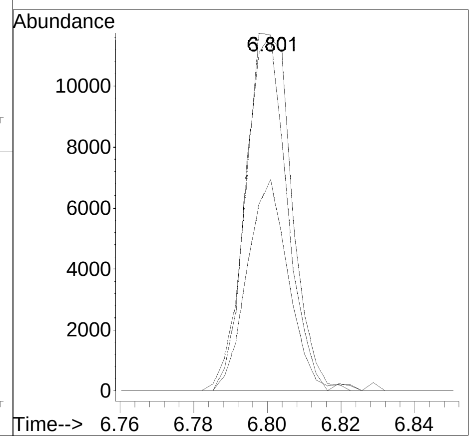
Ion	Ratio	Lower	Upper
196	100		
200	32.1	25.4	38.0
198	97.3	78.0	117.0

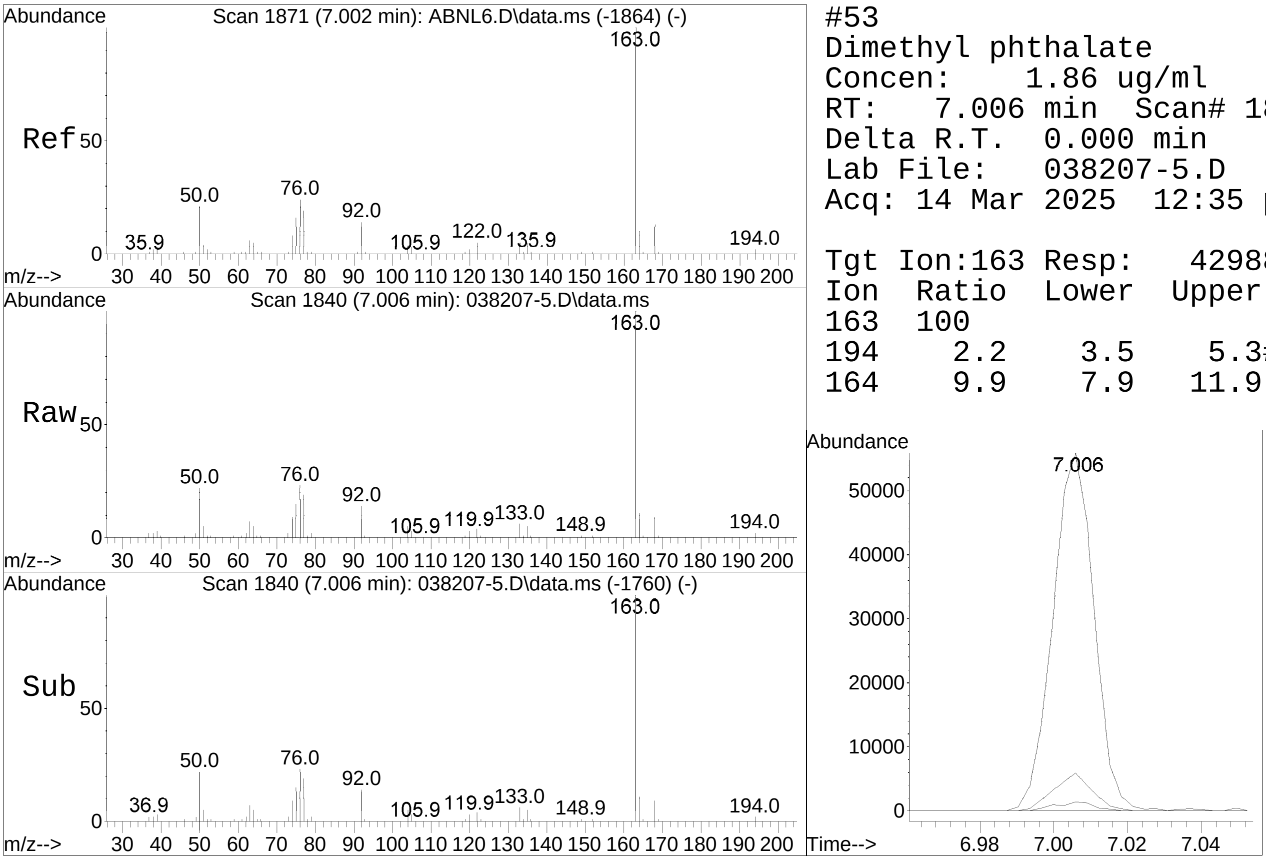




#50
2-Nitroaniline
Concen: 1.98 ug/ml
RT: 6.801 min Scan# 1774
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt	Ion:138	Resp:	10098
Ion	Ratio	Lower	Upper
138	100		
92	53.5	53.5	80.3#
65	92.1	86.3	129.5

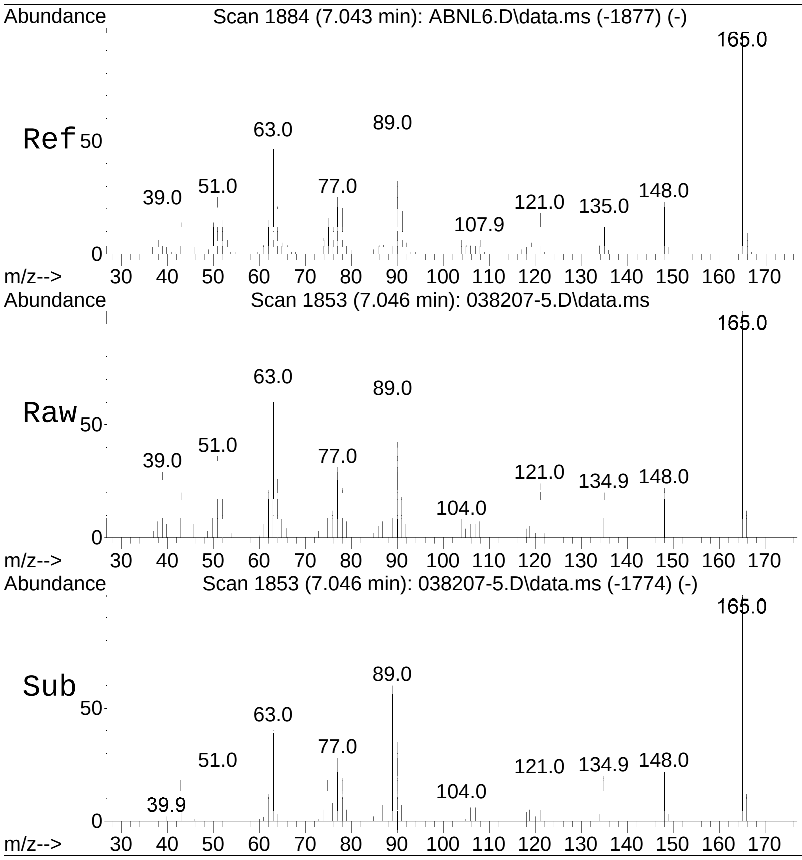




#53
Dimethyl phthalate
Concen: 1.86 ug/ml
RT: 7.006 min Scan# 1840
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:163 Resp: 42988

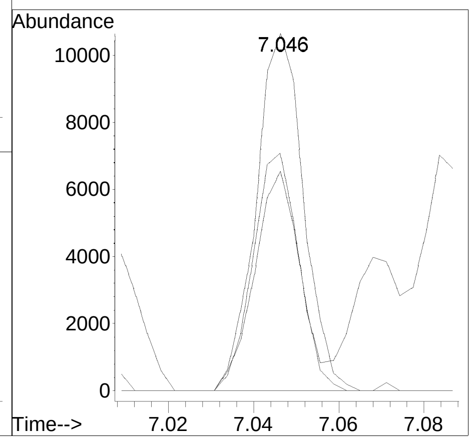
Ion	Ratio	Lower	Upper
163	100		
194	2.2	3.5	5.3#
164	9.9	7.9	11.9

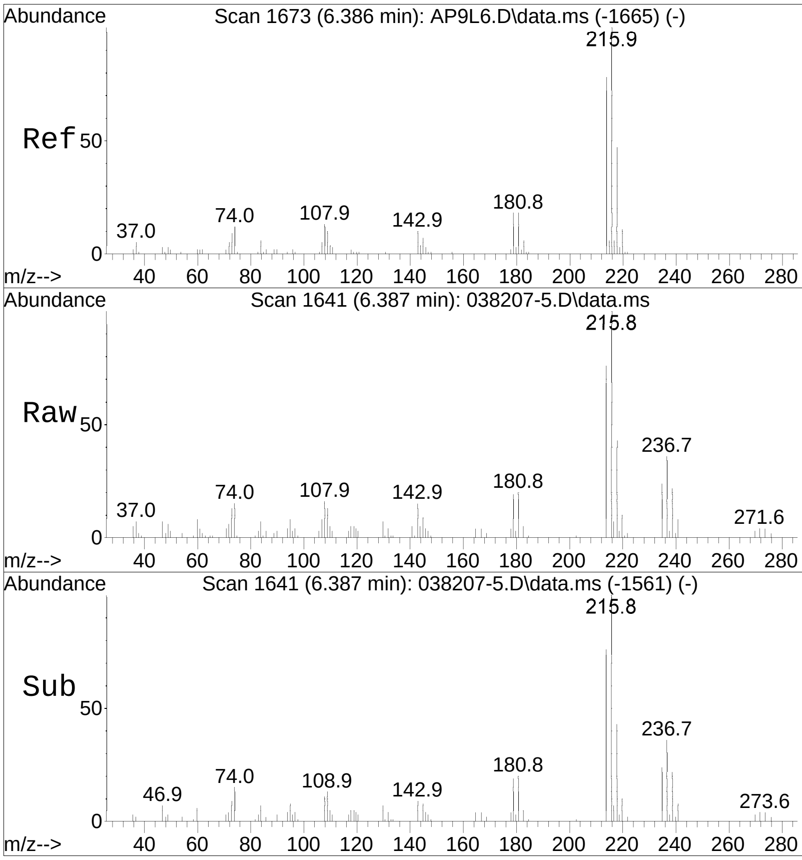


#55
2,6-Dinitrotoluene
Concen: 1.92 ug/ml
RT: 7.046 min Scan# 1853
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:165 Resp: 8279

Ion	Ratio	Lower	Upper
165	100		
89	58.5	54.2	81.2
63	63.9	64.2	96.2#

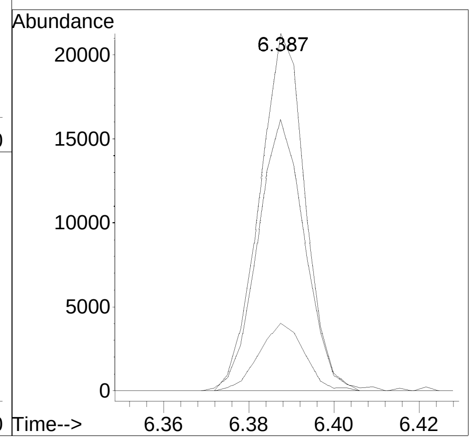


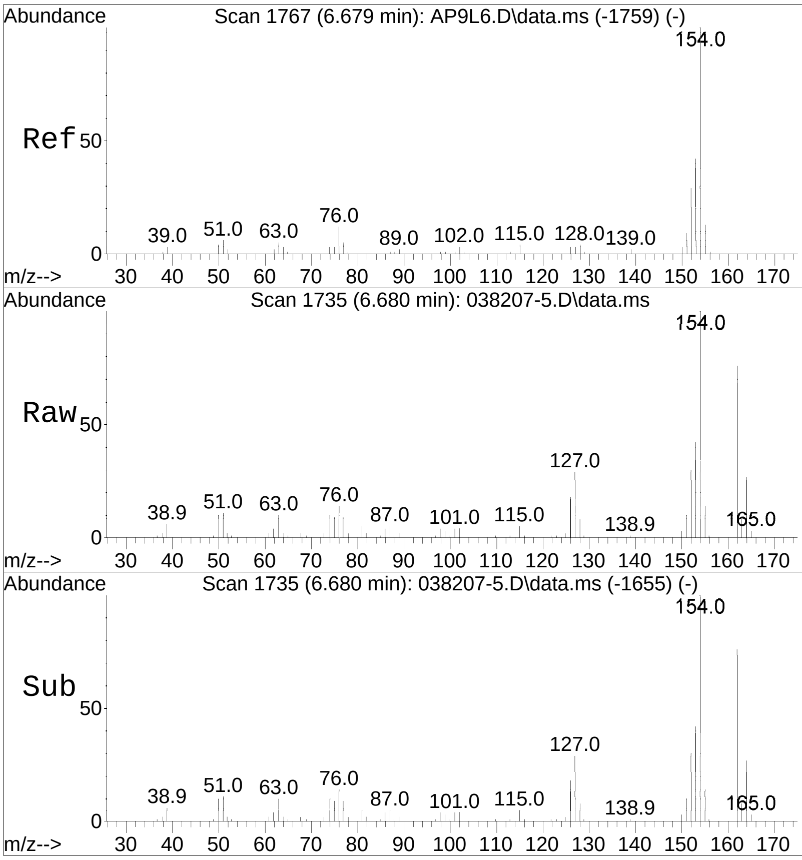


#63
1,2,4,5-Tetrachlorobenzene
Concen: 1.65 ug/ml
RT: 6.387 min Scan# 1641
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:216 Resp: 15871

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.7	95.5
179	18.8	19.0	28.6#

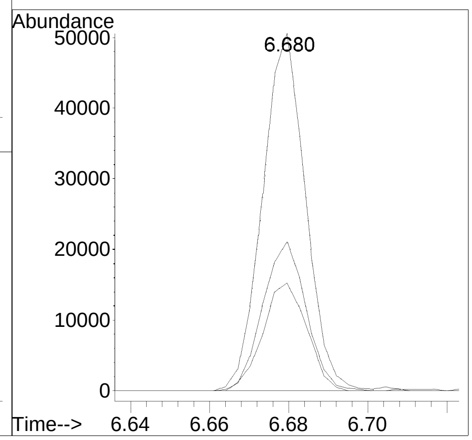


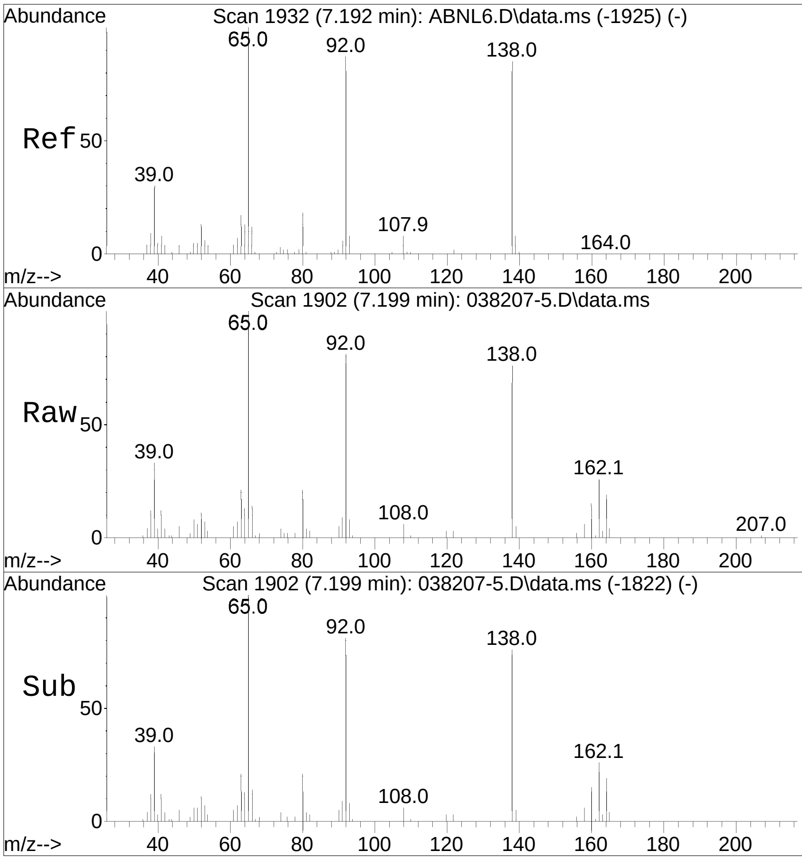


#64
Biphenyl
Concen: 1.93 ug/ml
RT: 6.680 min Scan# 1735
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:154 Resp: 37993

Ion	Ratio	Lower	Upper
154	100		
153	42.3	32.3	48.5
152	31.1	22.5	33.7

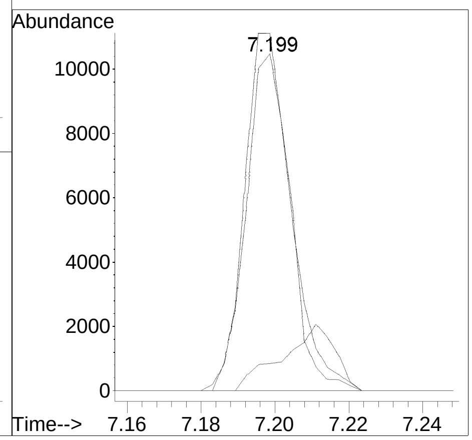


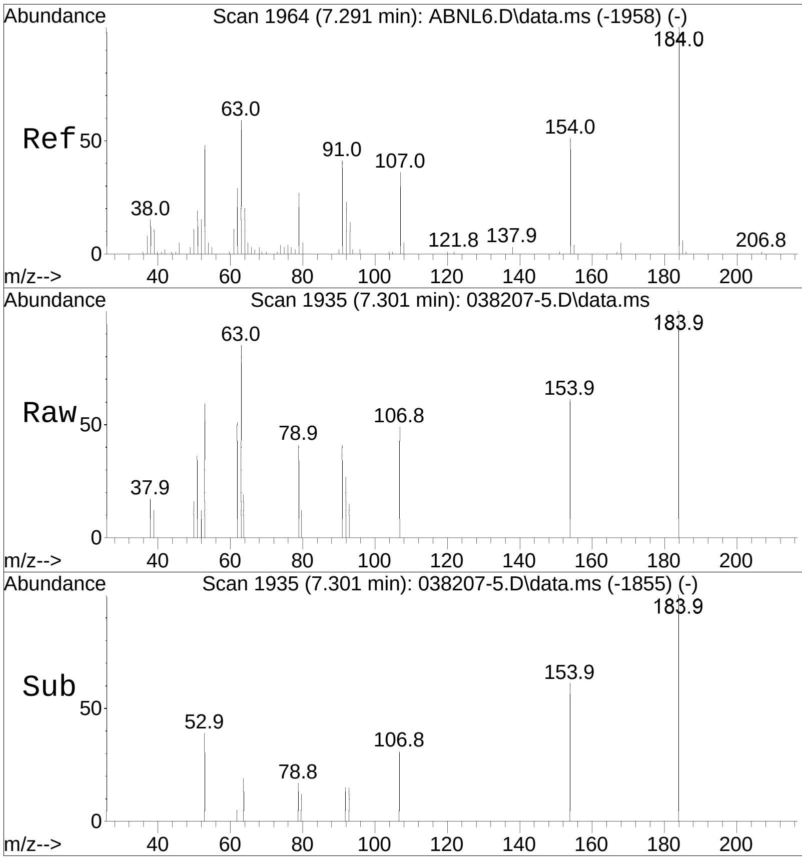


#66
3-Nitroaniline
Concen: 1.86 ug/ml
RT: 7.199 min Scan# 1902
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:138 Resp: 8703

Ion	Ratio	Lower	Upper
138	100		
92	111.4	93.4	140.2
108	23.4	9.5	14.3#

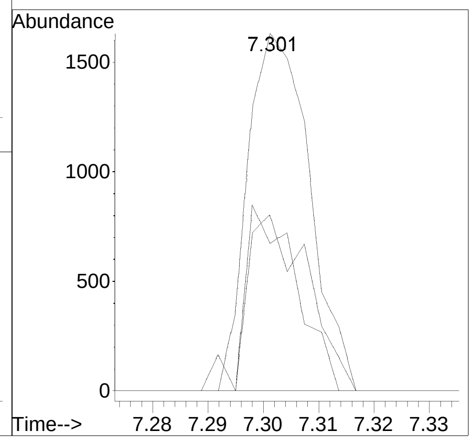


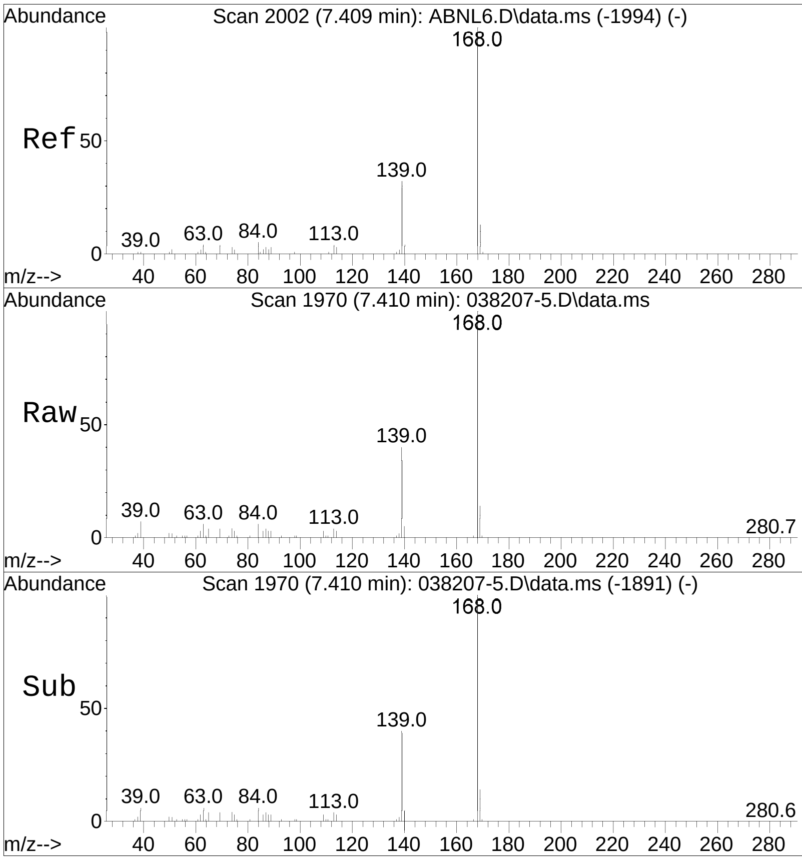


#68
2,4-Dinitrophenol
Concen: 1.02 ug/ml
RT: 7.301 min Scan# 1935
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:184 Resp: 1264

Ion	Ratio	Lower	Upper
184	100		
107	49.5	37.7	56.5
91	41.5	46.3	69.5#

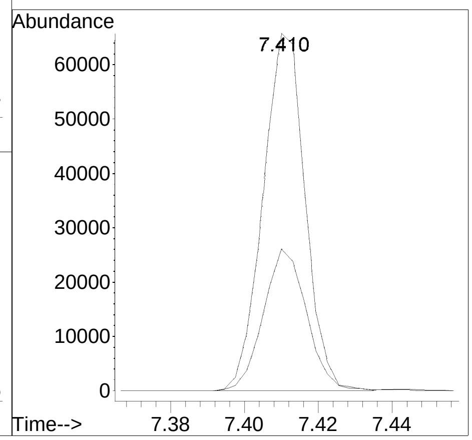


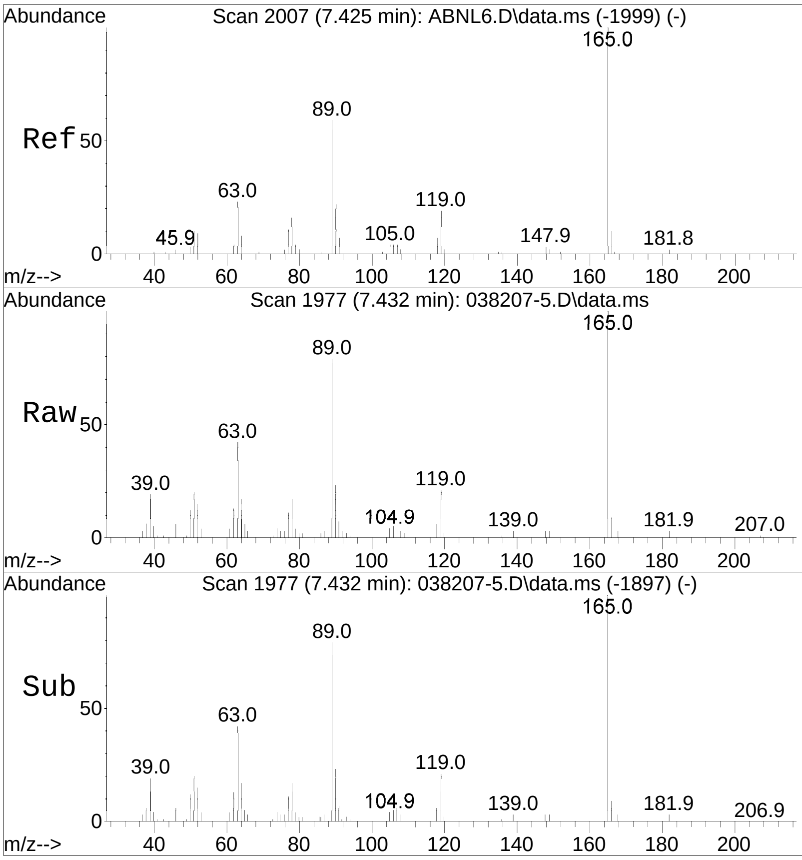


#69
Dibenzofuran
Concen: 1.71 ug/ml
RT: 7.410 min Scan# 1970
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:168 Resp: 51809

Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.4	47.2

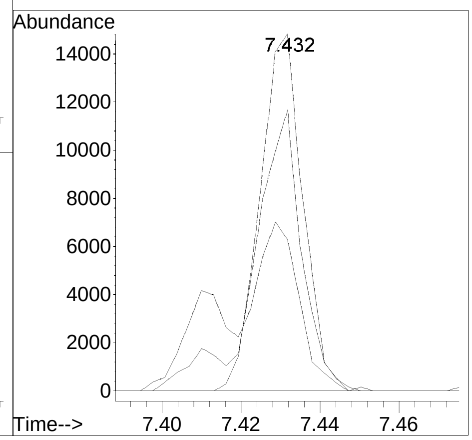


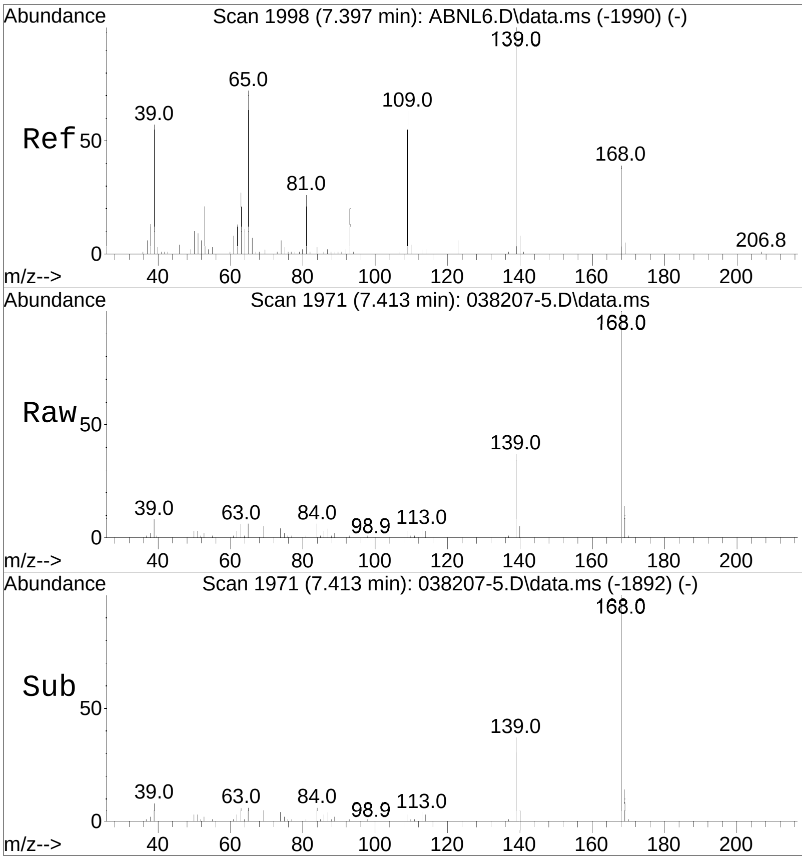


#70
2,4-Dinitrotoluene
Concen: 1.92 ug/ml
RT: 7.432 min Scan# 1977
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:165 Resp: 11253

Ion	Ratio	Lower	Upper
165	100		
89	77.3	72.0	108.0
63	47.3	52.7	79.1#

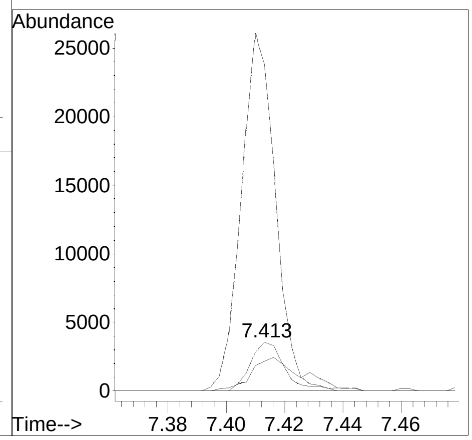


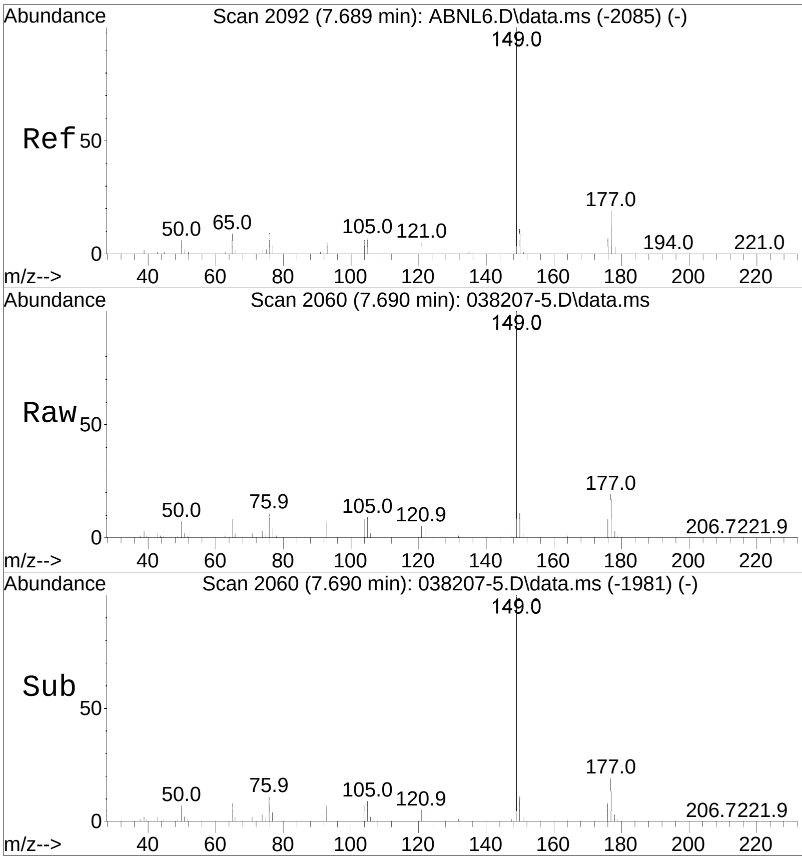


#71
4-Nitrophenol
Concen: 1.05 ug/ml
RT: 7.413 min Scan# 1971
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion: 65 Resp: 3649

Ion	Ratio	Lower	Upper
65	100		
109	59.3	47.4	71.2
139	582.4	76.6	115.0#

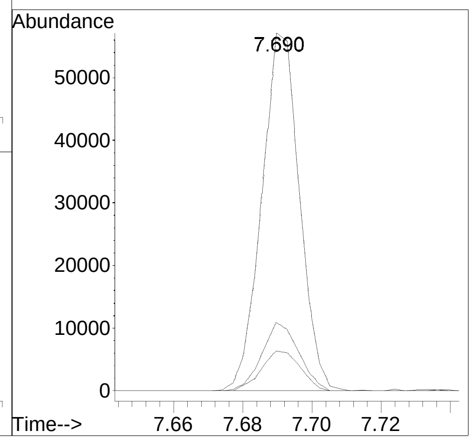


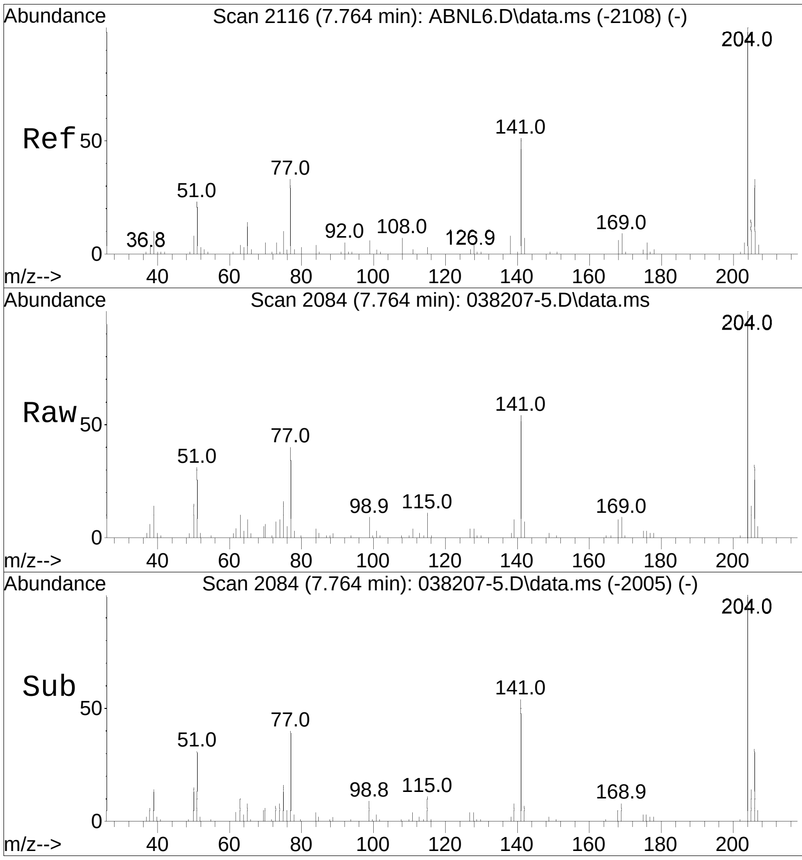


#74
Diethyl phthalate
Concen: 1.81 ug/ml
RT: 7.690 min Scan# 2060
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:149 Resp: 43057

Ion	Ratio	Lower	Upper
149	100		
177	18.7	16.1	24.1
150	11.6	9.4	14.2

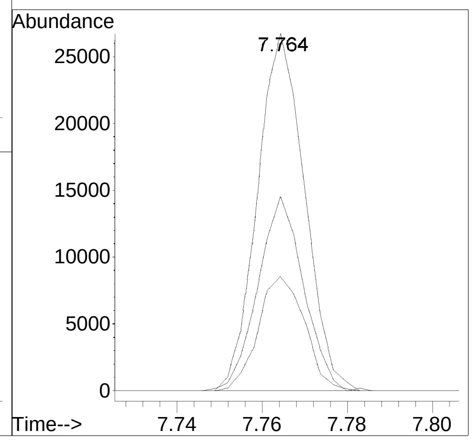


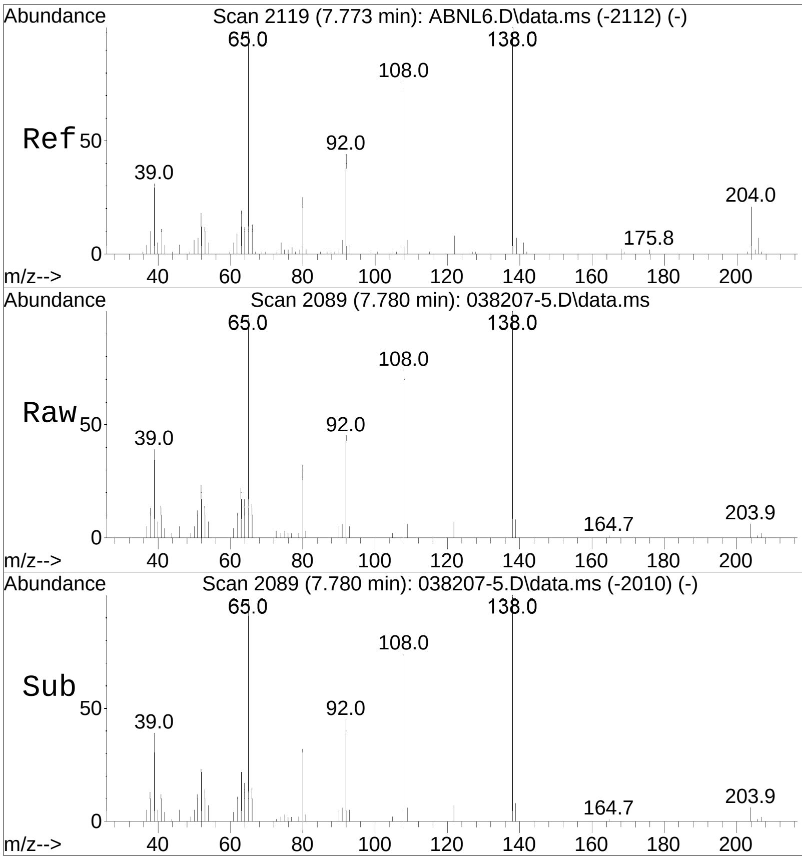


#76
4-Chlorophenyl phenyl ether
Concen: 1.71 ug/ml
RT: 7.764 min Scan# 2084
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:204 Resp: 20498

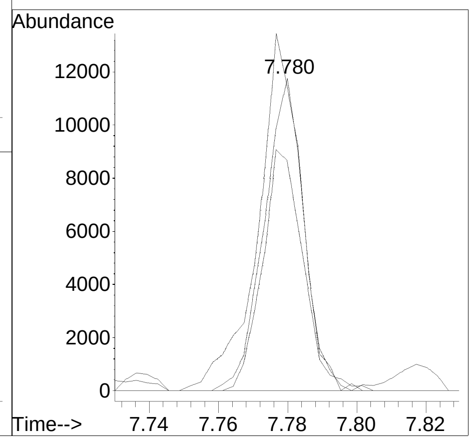
Ion	Ratio	Lower	Upper
204	100		
206	31.6	25.8	38.6
141	52.6	53.6	80.4#

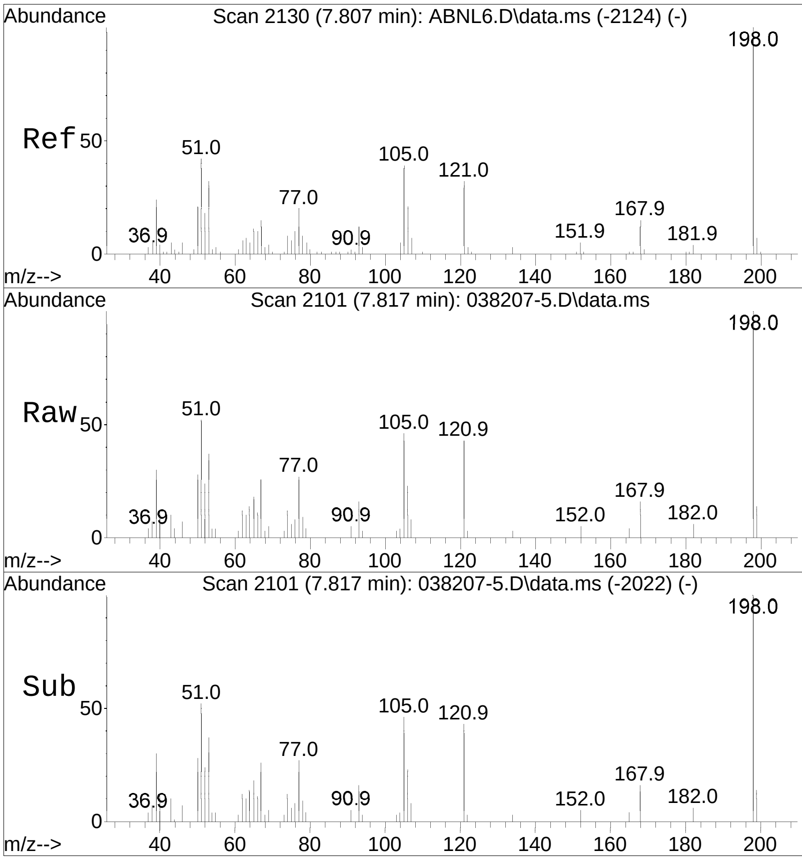





```
#77
4-Nitroaniline
Concen:    2.07 ug/ml
RT:   7.780 min  Scan# 2089
Delta R.T.  -0.003 min
Lab File:   038207-5.D
Acq: 14 Mar 2025  12:35 pm

Tgt Ion:138 Resp:    9369
Ion  Ratio  Lower  Upper
138  100
108   79.2   52.1   78.1#
 65  122.9  115.0  172.6
```

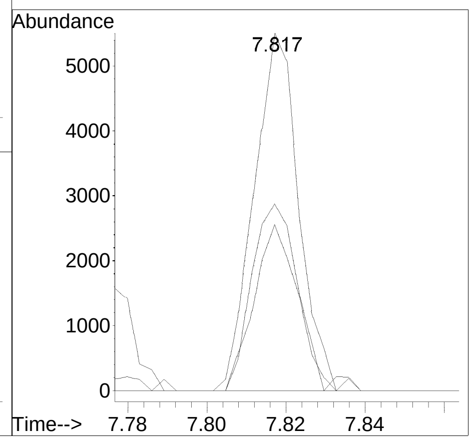


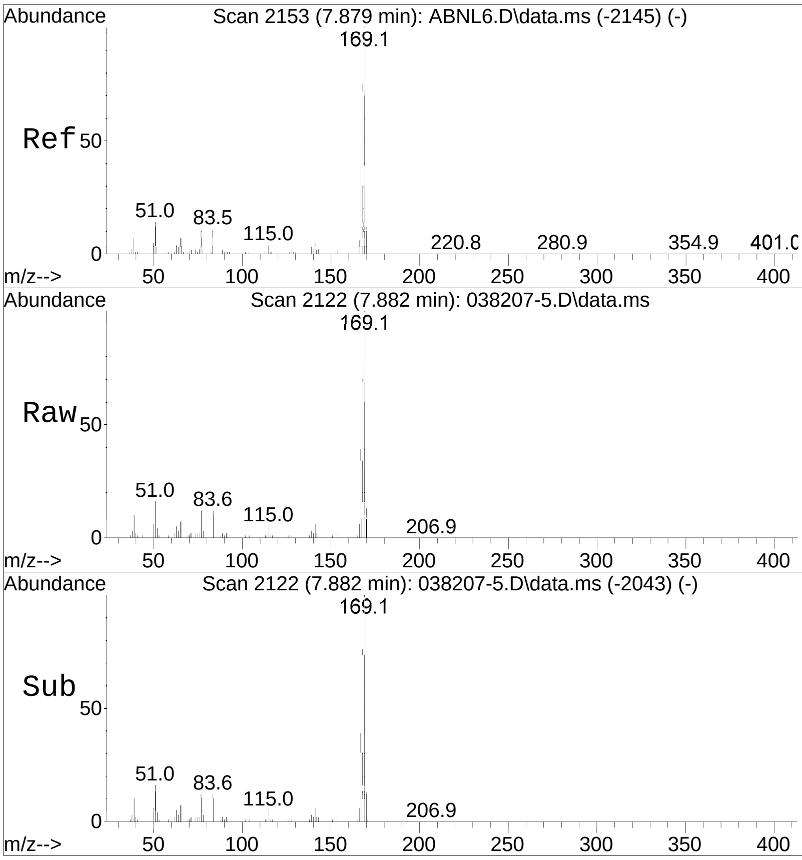


#78
4,6-Dinitro-o-cresol
Concen: 1.22 ug/ml
RT: 7.817 min Scan# 2101
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:198 Resp: 4337

Ion	Ratio	Lower	Upper
198	100		
51	54.8	76.0	114.0#
105	45.1	45.6	68.4#

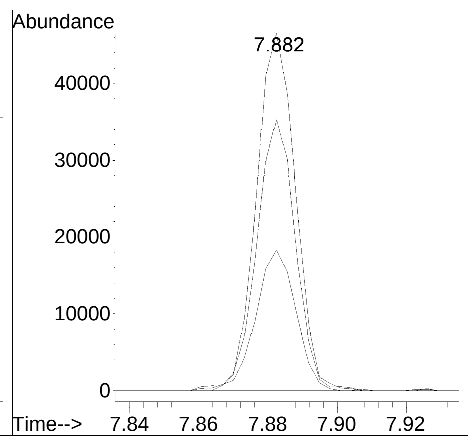


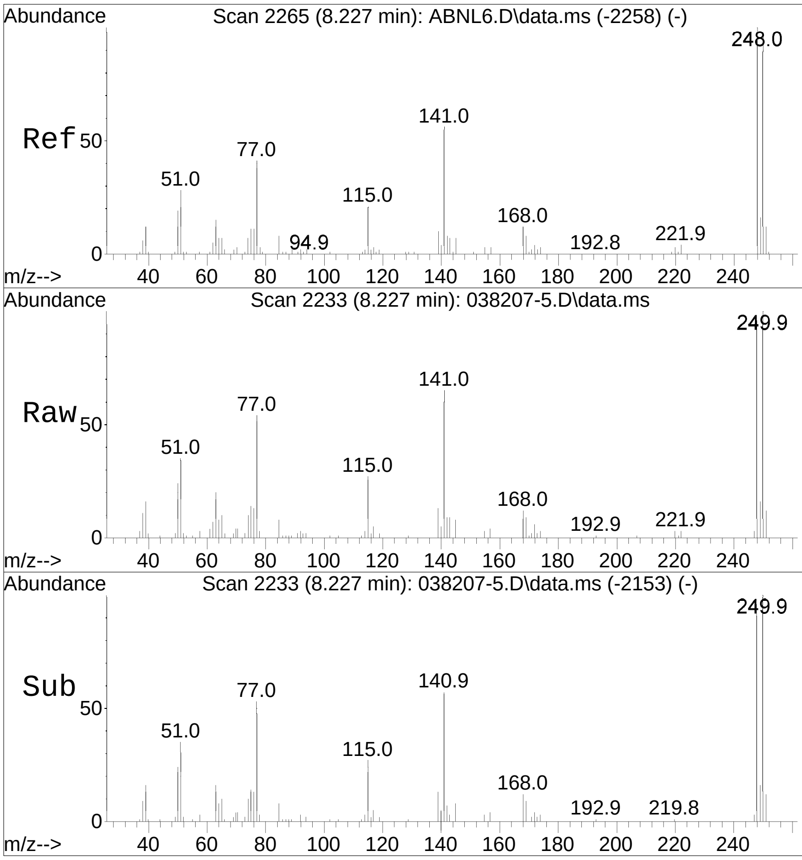


#79
NDPA/DPA
Concen: 1.80 ug/ml
RT: 7.882 min Scan# 2122
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:169 Resp: 36437

Ion	Ratio	Lower	Upper
169	100		
168	76.0	54.0	81.0
167	40.8	28.6	42.8

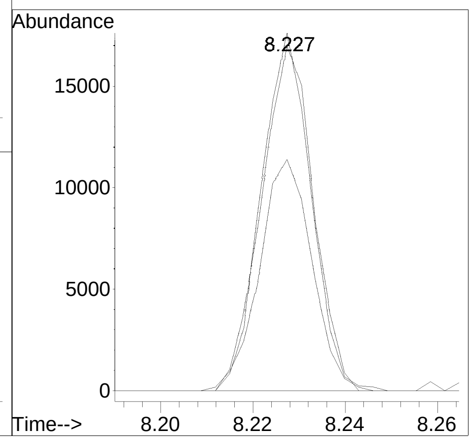


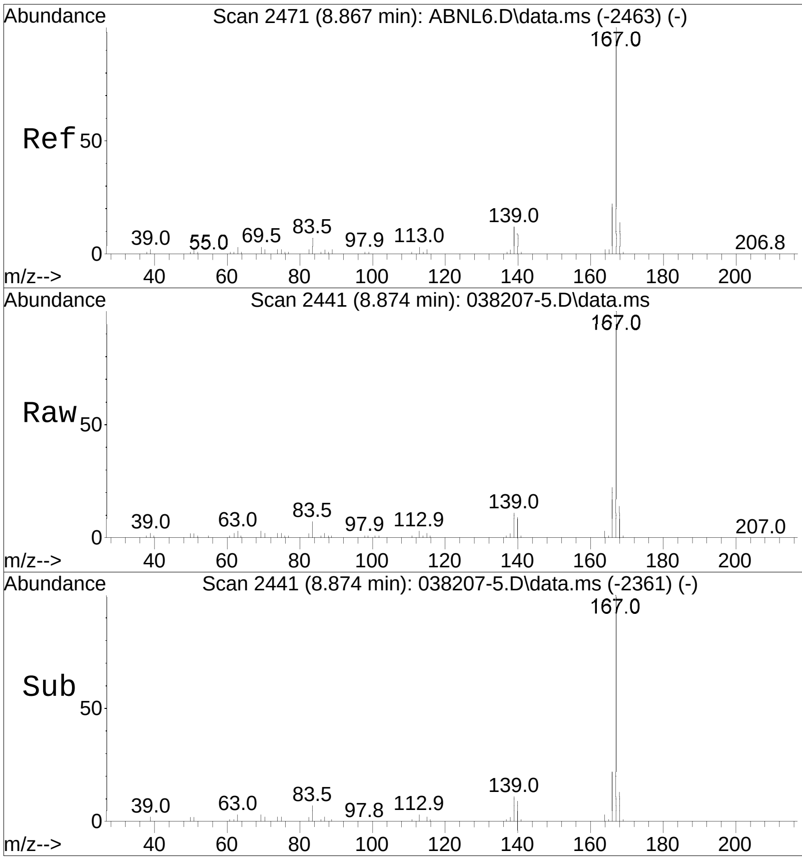


#82
4-Bromophenyl phenyl ether
Concen: 1.69 ug/ml
RT: 8.227 min Scan# 2233
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:248 Resp: 13322

Ion	Ratio	Lower	Upper
248	100		
141	67.4	76.6	114.8#
250	99.0	77.3	115.9

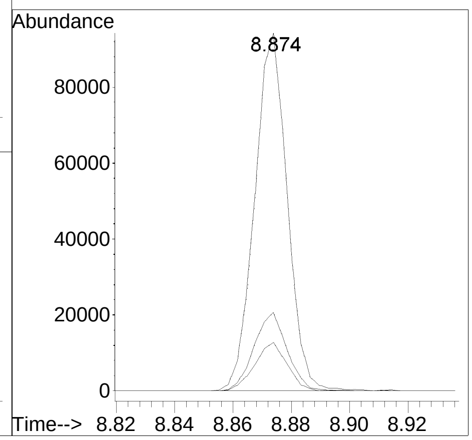


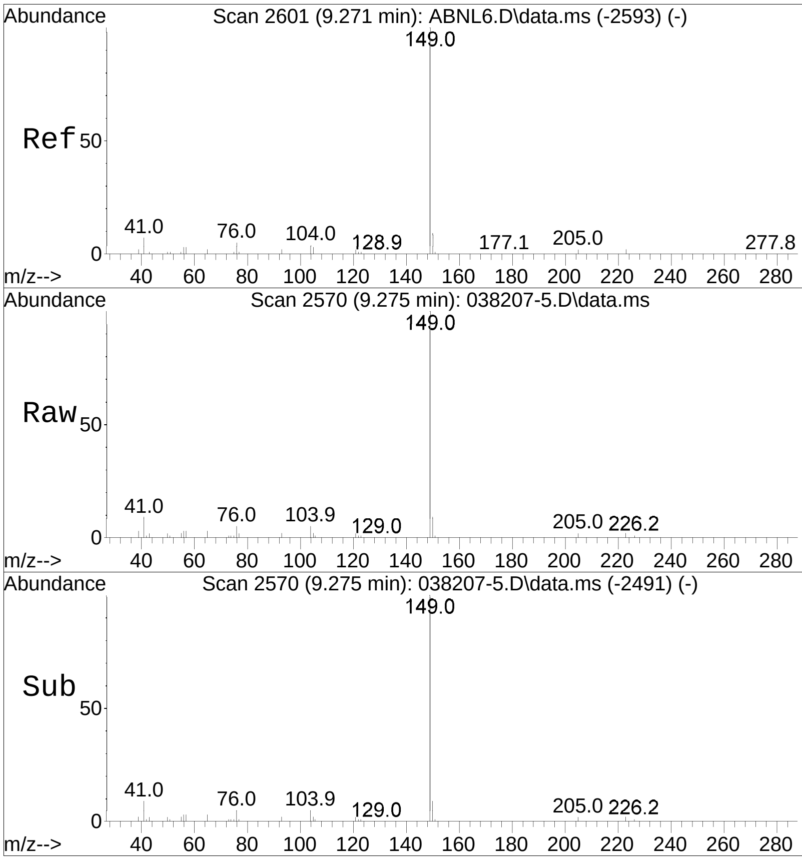


#93
Carbazole
Concen: 1.96 ug/ml
RT: 8.874 min Scan# 2441
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:167 Resp: 72611

Ion	Ratio	Lower	Upper
167	100		
168	13.6	10.6	15.8
166	22.4	17.4	26.0

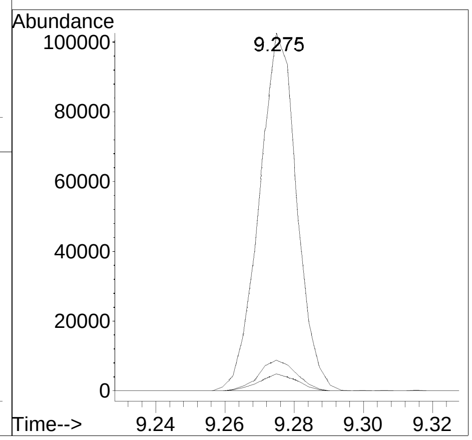


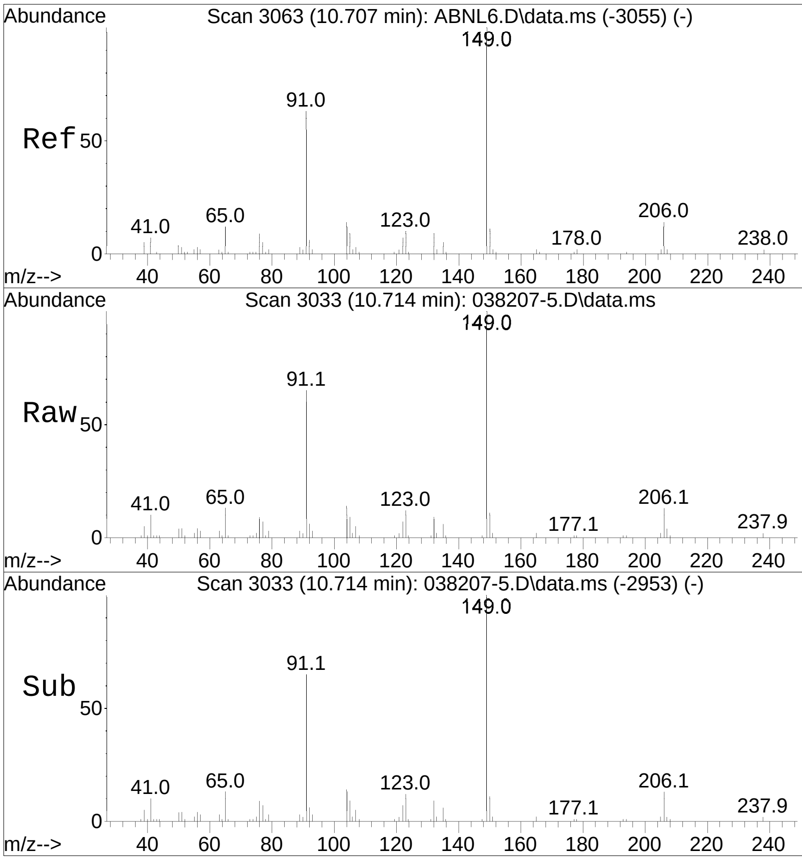


#94
Di-n-butylphthalate
Concen: 1.83 ug/ml
RT: 9.275 min Scan# 2570
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:149 Resp: 76910

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.0	10.6
104	4.9	4.5	6.7

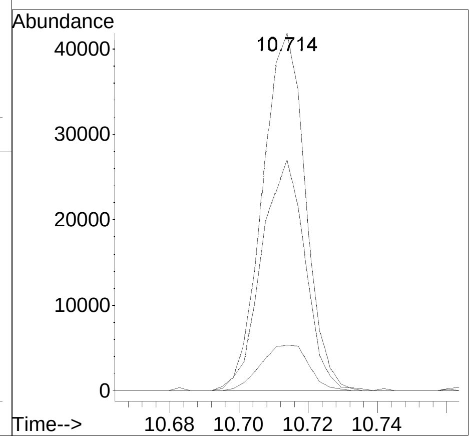


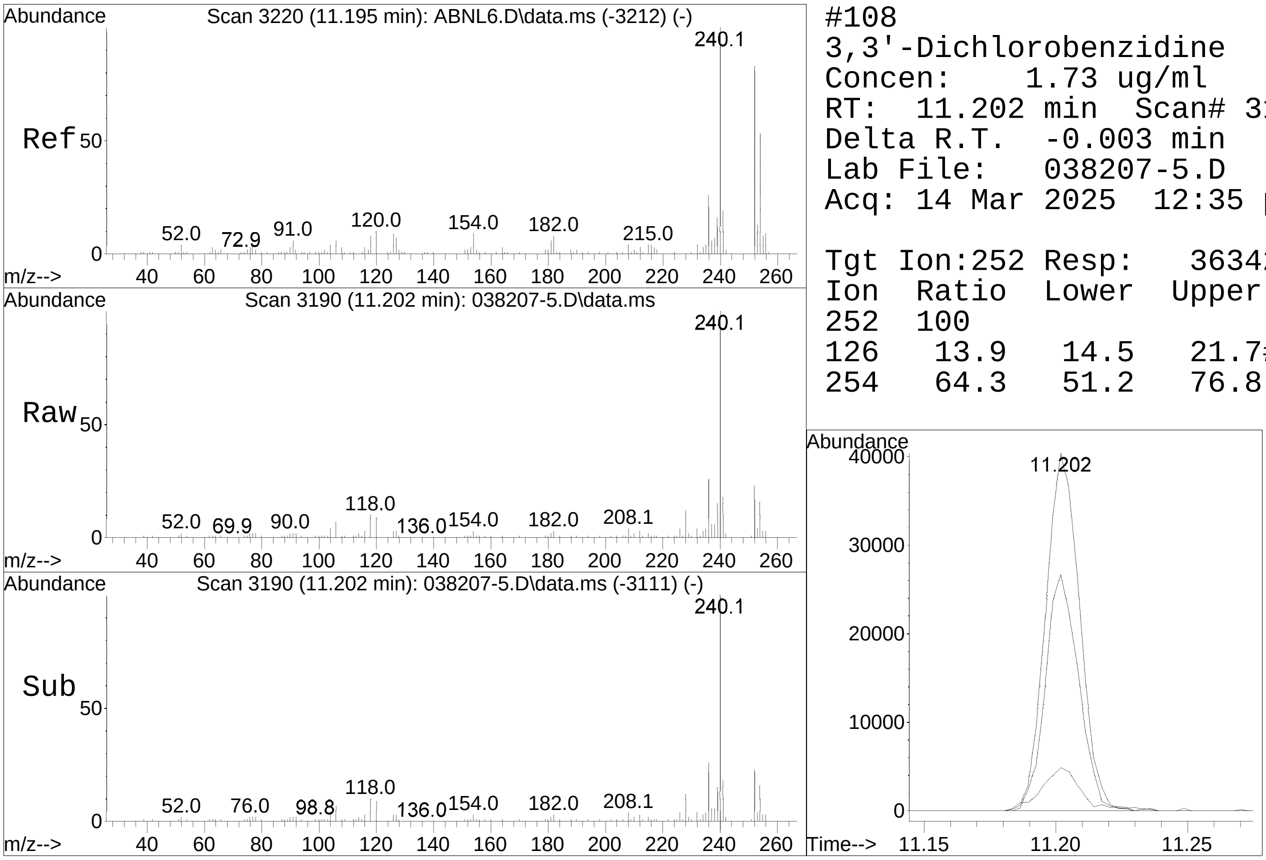


#99
Butyl benzyl phthalate
Concen: 2.00 ug/ml
RT: 10.714 min Scan# 3033
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:149 Resp: 36001

Ion	Ratio	Lower	Upper
149	100		
91	65.6	63.3	94.9
206	14.3	13.9	20.9

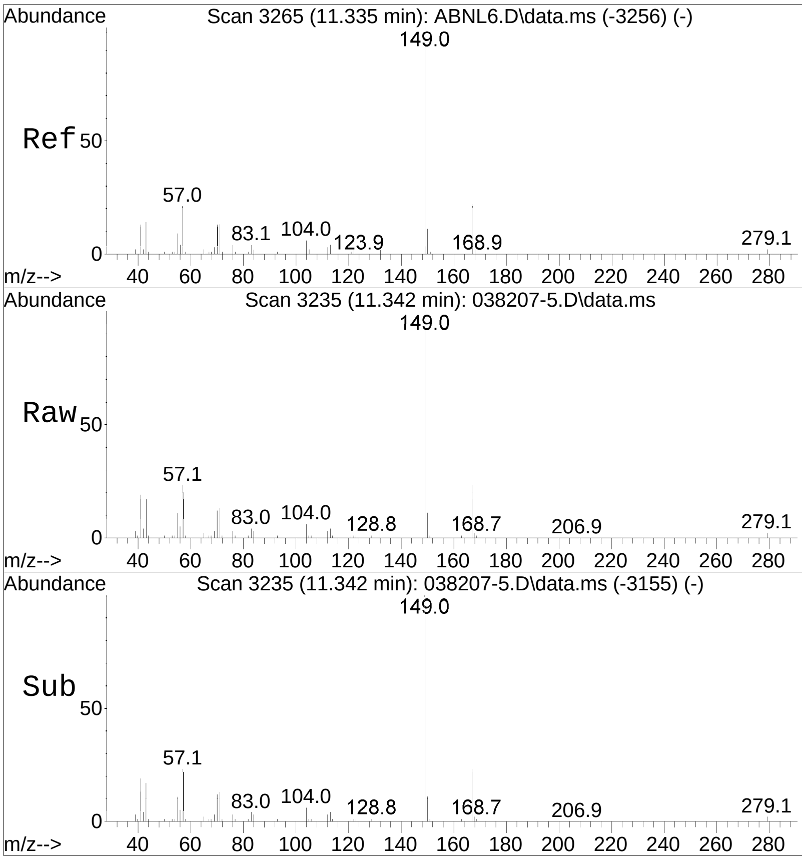




#108
3,3'-Dichlorobenzidine
Concen: 1.73 ug/ml
RT: 11.202 min Scan# 3190
Delta R.T. -0.003 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:252 Resp: 36342

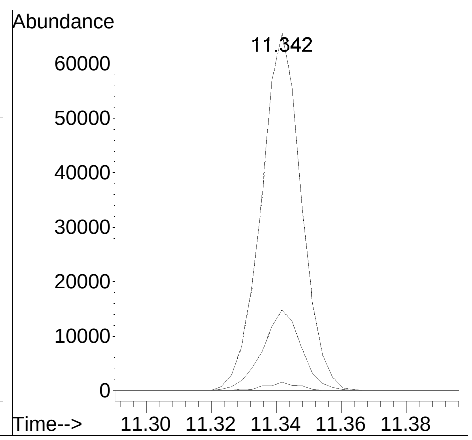
Ion	Ratio	Lower	Upper
252	100		
126	13.9	14.5	21.7#
254	64.3	51.2	76.8

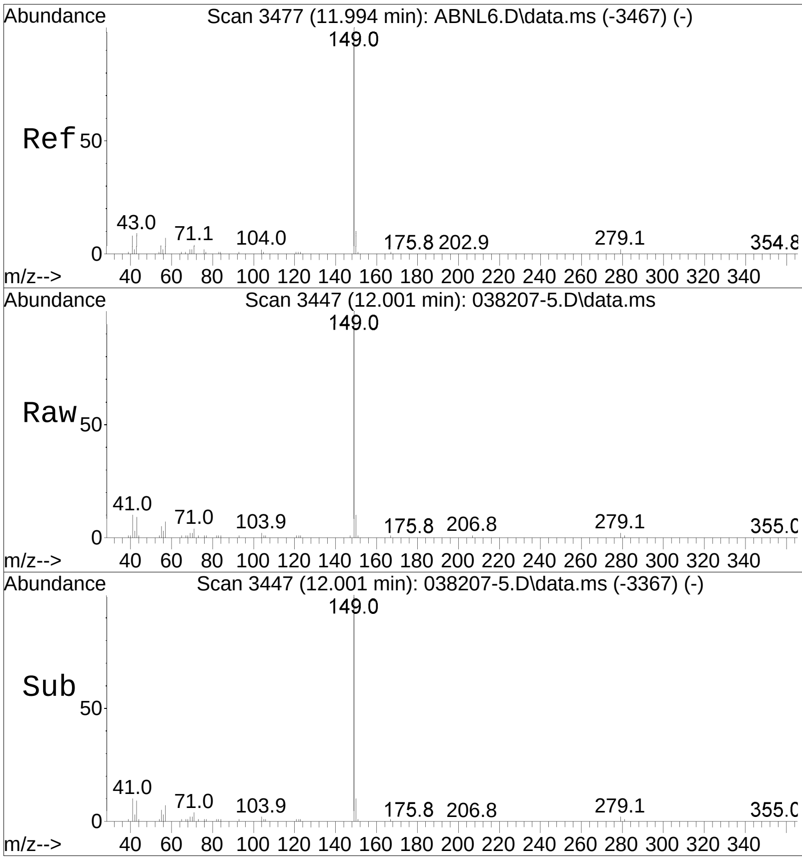


#110
Bis(2-ethylhexyl)phthalate
Concen: 1.86 ug/ml
RT: 11.342 min Scan# 3235
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:149 Resp: 56260

Ion	Ratio	Lower	Upper
149	100		
167	21.8	22.1	33.1#
279	1.8	3.0	4.4#

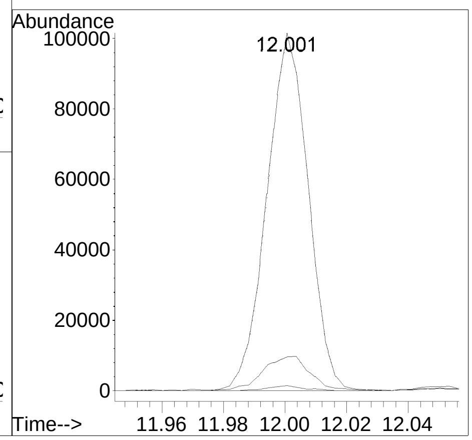




#111
Di-n-octylphthalate
Concen: 1.87 ug/ml
RT: 12.001 min Scan# 3447
Delta R.T. 0.000 min
Lab File: 038207-5.D
Acq: 14 Mar 2025 12:35 pm

Tgt Ion:149 Resp: 94246

Ion	Ratio	Lower	Upper
149	100		
43	11.0	18.8	28.2#
167	1.1	1.3	1.9#



Manual Integration Report

Data Path	: I:\8270\Dakota\250314RVT\	QMethod	: FS241105RVT_Dakota.m
Data File	: 038207-5.D	Operator	: Dakota:smz
Date Inj'd	: 3/14/2025 12:35 pm	Instrument	: Dakota
Sample	: WG2038207-5,32,,gmr	Quant Date	: 3/14/2025 12:53 pm

There are no manual integrations or false positives in this file.

Calculation of Semi Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * 1000 * (1/Vo) * Vf

Where:
DF = Dilution Factor
Vo = Volume of Sample (mL)
Vf = Extraction Lab Final Volume (mL)

Soil Concentration Formula: Amt * DF * 1000 * (1/Wt) * Vf * (100/TS)
Where:
DF = Dilution Factor
Wt = Weight of Sample (g)
Vf = Extraction Lab Final Volume (mL)
TS = Total Solids

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 14 2025, 04:43 pm

Work Group: WG2038207 for Department: 2 Organic Preparation

Created: 08-MAR-25 Due: Operator: SHD

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2512368-01	5A	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-02	5B	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-04	6A	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-05	6B	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-07	7A	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-08	7B	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-10	8A	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-11	8B	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-13	9A	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-14	9B	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-16	10A	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-17	10B	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-19	DUP001	C	NYTCL-8270-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512568-01	GW-TS-8	C	NYTCL-8270-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-01	MW-4S	C	NYTCL-8270-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-02	MW-4D2	C	NYTCL-8270-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-03	MW-12S	C	NYTCL-8270-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-04	MW-12D	C	NYTCL-8270-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-05	SCDOH_DR	C	NYTCL-8270-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-06	EQUIPMENT BLANK	C	NYTCL-8270-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
WG2038207-1	Laboratory Method Bl	S	NYTCL-8270-RVT	WATER	DONE	U				
WG2038207-2	Laboratory Control S	S	NYTCL-8270-RVT	WATER	DONE	U				
WG2038207-3	LCS Duplicate	S	NYTCL-8270-RVT	WATER	DONE	U				
WG2038207-4	Matrix Spike	S	NYTCL-8270-RVT	WATER	DONE	U				
WG2038207-5	Matrix Spike Duplica	S	NYTCL-8270-RVT	WATER	DONE	U				

Comments:

WG2038207-3	WG2038207-2
WG2038207-4	L2512368-10
WG2038207-5	L2512368-10

Dep.: GCMS
Inst: DAKOTA
Date: **11/05/24**
Run: ICAL

Method
GC: ABNRVT

Seq: WG1994500

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
100	Tune1	Tune1 Lot # 11144				
1	ABNL9	IL2,32,,ABNL50 Lot# 11111	**Passes Full List**			
2	ABNL8	IL3,32,,ABNL25 Lot# 11112				
3	ABNL7	IL4,32,,ABNL10 Lot# 11113				
4	ABNL6	IL5,32,,ABNL5 Lot# 11114				
5	ABNL5	IL6,32,,ABNL2.5 Lot# 11115				
6	ABNL4	IL7,32,,ABNL1 Lot# 11116				
7	ABNL3	IL8,32,,ABNL0.5 Lot# 11117				
8	ABNL2	IL9,32,,ABNL0.2 Lot# 11149				
9	ABNL1	IL10,32,,ABNL0.1 Lot# 11150				
10	AP9L9	IL2,32,,AP9L50 Lot# 11120				
11	AP9L8	IL3,32,,AP9L25 Lot# 11121				
12	AP9L7	IL4,32,,AP9L10 Lot# 11122				
13	AP9L6	IL5,32,,AP9L5 Lot# 11123				
14	AP9L5	IL6,32,,AP9L2.5 Lot# 11124				
15	AP9L4	IL7,32,,AP9L1 Lot# 11125				
16	AP9L3	IL8,32,,AP9L0.5 Lot# 11126				
17	AP9L2	IL9,32,,AP9L0.2 Lot# 11127				
18	AP9L1	IL10,32,,AP9L0.1 Lot# 11128				
19	ABNICV	CQICV1,32,,ABNICV Lot# 11138				
20	AP9ICV	CQICV2,32,,AP9ICV Lot# 11139				
100	Tune2	Tune2 Lot # 11144				
21	ADPL9	IL2,32,,ADPL50 Lot# 11129				
22	ADPL8	IL3,32,,ADPL25 Lot# 11130				
23	ADPL7	IL4,32,,ADPL10 Lot# 11131				
24	ADPL6	IL5,32,,ADPL5 Lot# 11132				
25	ADPL5	IL6,32,,ADPL2.5 Lot# 11133				
26	ADPL4	IL7,32,,ADPL1 Lot# 11134				
27	ADPL3	IL8,32,,ADPL0.5 Lot# 11135				
28	ADPL2	IL9,32,,ADPL0.2 Lot# 11136				
29	ADPL1	IL10,32,,ADPL0.1 Lot# 11137				
30	ADPICV	CQICV,32,,ADPICV Lot# 11140				
31	Blank	Instrument Blank				

Analysis log File

Total Files Reported in Log : 33
Log Generated From Directory: I:\8270\SV106\250311RVTical\

No.	DATA FILE	INJ METH	SAMPLE NAME	MISC	DATE INJ'D
1	Tune1.D	ABNRVT(SIM).	Tune1 Lot# 11459	WG2039658,,ical	3/11/2025 4:27 pm
2	ABNL9.D	ABNRVT(SIM).	IL2,32,,ABNL50 Lot# 114	WG2039658,,ical	3/11/2025 4:50 pm
3	ABNL8.D	ABNRVT(SIM).	IL3,32,,ABNL25 Lot# 114	WG2039658,,ical	3/11/2025 5:14 pm
4	ABNL7.D	ABNRVT(SIM).	IL4,32,,ABNL10 Lot# 114	WG2039658,,ical	3/11/2025 5:37 pm
5	ABNL6.D	ABNRVT(SIM).	IL5,32,,ABNL5 Lot# 1142	WG2039658,,ical	3/11/2025 6:01 pm
6	ABNL5.D	ABNRVT(SIM).	IL6,32,,ABNL2.5 Lot# 11	WG2039658,,ical	3/11/2025 6:24 pm
7	ABNL4.D	ABNRVT(SIM).	IL7,32,,ABNL1 Lot# 1143	WG2039658,,ical	3/11/2025 6:48 pm
8	ABNL3.D	ABNRVT(SIM).	IL8,32,,ABNL0.5 Lot# 11	WG2039658,,ical	3/11/2025 7:11 pm
9	ABNL2.D	ABNRVT(SIM).	IL9,32,,ABNL0.2 Lot# 11	WG2039658,,ical	3/11/2025 7:34 pm
10	ABNL1.D	ABNRVT(SIM).	IL10,32,,ABNL0.1 Lot# 1	WG2039658,,ical	3/11/2025 7:58 pm
11	ABNICV.D	ABNRVT(SIM).	CQICV1,32,,ABNICV Lot#	WG2039658,,ical	3/11/2025 10:18 pm
12	Tune2.D	ABNRVT(SIM).	Tune2 Lot# 11459	WG2039658,,ical	3/11/2025 11:05 pm
13	AP9L9.D	ABNRVT(SIM).	IL2,32,,AP9L50 Lot# 114	WG2039658,,ical	3/11/2025 11:29 pm
14	AP9L8.D	ABNRVT(SIM).	IL3,32,,AP9L25 Lot# 114	WG2039658,,ical	3/11/2025 11:52 pm
15	AP9L6.D	ABNRVT(SIM).	IL5,32,,AP9L5 Lot# 1143	WG2039658,,ical	3/12/2025 12:39 am
16	AP9L7.D	ABNRVT(SIM).	IL4,32,,AP9L10 Lot# 114	WG2039658,,ical	3/12/2025 12:15 am
17	AP9L5.D	ABNRVT(SIM).	IL6,32,,AP9L2.5 Lot# 11	WG2039658,,ical	3/12/2025 1:02 am
18	AP9L4.D	ABNRVT(SIM).	IL7,32,,AP9L1 Lot# 1143	WG2039658,,ical	3/12/2025 1:26 am
19	AP9L3.D	ABNRVT(SIM).	IL8,32,,AP9L0.5 Lot# 11	WG2039658,,ical	3/12/2025 1:49 am
20	AP9L2.D	ABNRVT(SIM).	IL9,32,,AP9L0.2 Lot# 11	WG2039658,,ical	3/12/2025 2:12 am
21	AP9L1.D	ABNRVT(SIM).	IL10,32,,AP9L0.1 Lot# 1	WG2039658,,ical	3/12/2025 2:36 am
22	ADPL9.D	ABNRVT(SIM).	IL2,32,,ADPL50 Lot# 114	WG2039658,,ical	3/12/2025 2:59 am
23	ADPL8.D	ABNRVT(SIM).	IL3,32,,ADPL25 Lot# 114	WG2039658,,ical	3/12/2025 3:23 am
24	ADPL7.D	ABNRVT(SIM).	IL4,32,,ADPL10 Lot# 114	WG2039658,,ical	3/12/2025 3:46 am
25	ADPL6.D	ABNRVT(SIM).	IL5,32,,ADPL5 Lot# 1144	WG2039658,,ical	3/12/2025 4:09 am
26	ADPL5.D	ABNRVT(SIM).	IL6,32,,ADPL2.5 Lot# 11	WG2039658,,ical	3/12/2025 4:33 am
27	ADPL4.D	ABNRVT(SIM).	IL7,32,,ADPL1 Lot# 1144	WG2039658,,ical	3/12/2025 4:56 am
28	ADPL3.D	ABNRVT(SIM).	IL8,32,,ADPL0.5 Lot# 11	WG2039658,,ical	3/12/2025 5:20 am
29	ADPL2.D	ABNRVT(SIM).	IL9,32,,ADPL0.2 Lot# 11	WG2039658,,ical	3/12/2025 5:43 am
30	ADPL1.D	ABNRVT(SIM).	IL10,32,,ADPL0.1 Lot# 1	WG2039658,,ical	3/12/2025 6:06 am
31	AP9ICV.D	ABNRVT(SIM).	CQICV2,32,,AP9ICV Lot#	WG2039658,,ical	3/12/2025 6:30 am
32	ADPICV.D	ABNRVT(SIM).	CQICV,32,,ADPICV Lot# 1	WG2039658,,ical	3/12/2025 6:53 am
33	Blank.D	ABNRVT(SIM).	RVT Instrument Blank	wg,,ical	3/12/2025 7:16 am

Analysis log File

Total Files Reported in Log : 33
Log Generated From Directory: I:\8270\SV112\250313RVTical\

No.	DATA FILE	INJ METH	SAMPLE NAME	MISC	DATE INJ'D
1	Tune1.D	8270RVT.M	Tune Lot#11459	WG2040627	3/13/2025 1:24 pm
2	ABNL9.D	8270RVT.M	IL2,32,,ABNL50 Lot# 114	WG2040627	3/13/2025 1:47 pm
3	ABNL8.D	8270RVT.M	IL3,32,,ABNL25 Lot# 114	WG2040627	3/13/2025 2:10 pm
4	ABNL7.D	8270RVT.M	IL4,32,,ABNL10 Lot# 114	WG2040627	3/13/2025 2:32 pm
5	ABNL6.D	8270RVT.M	IL5,32,,ABNL5 Lot# 1142	WG2040627	3/13/2025 2:55 pm
6	ABNL5.D	8270RVT.M	IL6,32,,ABNL2.5 Lot# 11	WG2040627	3/13/2025 3:18 pm
7	ABNL4.D	8270RVT.M	IL7,32,,ABNL1 Lot# 1143	WG2040627	3/13/2025 3:41 pm
8	ABNL3.D	8270RVT.M	IL8,32,,ABNL0.5 Lot# 11	WG2040627	3/13/2025 4:03 pm
9	ABNL2.D	8270RVT.M	IL9,32,,ABNL0.2 Lot# 11	WG2040627	3/13/2025 4:26 pm
10	ABNL1.D	8270RVT.M	IL10,32,,ABNL0.1 Lot# 1	WG2040627	3/13/2025 4:49 pm
11	AP9L9.D	8270RVT.M	IL2,32,,AP9L50 Lot# 114	WG2040627	3/13/2025 5:12 pm
12	AP9L8.D	8270RVT.M	IL3,32,,AP9L25 Lot# 114	WG2040627	3/13/2025 5:35 pm
13	AP9L7.D	8270RVT.M	IL4,32,,AP9L10 Lot# 114	WG2040627	3/13/2025 5:57 pm
14	AP9L6.D	8270RVT.M	IL5,32,,AP9L5 Lot# 1143	WG2040627	3/13/2025 6:20 pm
15	AP9L5.D	8270RVT.M	IL6,32,,AP9L2.5 Lot# 11	WG2040627	3/13/2025 6:43 pm
16	AP9L4.D	8270RVT.M	IL7,32,,AP9L1 Lot# 1143	WG2040627	3/13/2025 7:06 pm
17	AP9L3.D	8270RVT.M	IL8,32,,AP9L0.5 Lot# 11	WG2040627	3/13/2025 7:29 pm
18	AP9L2.D	8270RVT.M	IL9,32,,AP9L0.2 Lot# 11	WG2040627	3/13/2025 7:51 pm
19	AP9L1.D	8270RVT.M	IL10,32,,AP9L0.1 Lot# 1	WG2040627	3/13/2025 8:14 pm
20	ABNICV.D	8270RVT.M	CQICV1,32,,ABNICV Lot#	WG2040627	3/13/2025 8:37 pm
21	AP9ICV.D	8270RVT.M	CQICV2,32,,AP9ICV Lot#	WG2040627	3/13/2025 9:00 pm
22	Tune2.D	8270RVT.M	Tune Lot#11459	WG2040627	3/13/2025 9:22 pm
23	ADPL9.D	8270RVT.M	IL2,32,,ADPL50 Lot# 114	WG2040627	3/13/2025 9:45 pm
24	ADPL8.D	8270RVT.M	IL3,32,,ADPL25 Lot# 114	WG2040627	3/13/2025 10:08 pm
25	ADPL7.D	8270RVT.M	IL4,32,,ADPL10 Lot# 114	WG2040627	3/13/2025 10:31 pm
26	ADPL6.D	8270RVT.M	IL5,32,,ADPL5 Lot# 1144	WG2040627	3/13/2025 10:53 pm
27	ADPL5.D	8270RVT.M	IL6,32,,ADPL2.5 Lot# 11	WG2040627	3/13/2025 11:16 pm
28	ADPL4.D	8270RVT.M	IL7,32,,ADPL1 Lot# 1144	WG2040627	3/13/2025 11:39 pm
29	ADPL1.D	8270RVT.M	IL10,32,,ADPL0.1 Lot# 1	WG2040627	3/14/2025 12:48 am
30	ADPL2.D	8270RVT.M	IL9,32,,ADPL0.2 Lot# 11	WG2040627	3/14/2025 12:25 am
31	ADPL3.D	8270RVT.M	IL8,32,,ADPL0.5 Lot# 11	WG2040627	3/14/2025 12:02 am
32	ADPICV.D	8270RVT.M	CQICV,32,,ADPICV Lot# 1	WG2040627	3/14/2025 1:11 am
33	Blank.D	8270RVT.M	Instrument Blank	WG2040627	3/14/2025 1:34 am

Dep.: GCMS
Inst: SV106
Date: **03/13/25**
Run:

Method
GC: ABNRVT

Seq: **WG2040166**
ICAL: **22075**

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
141	DEG0313	wg-1,32,,SV106 Degdftpp Lot#11459				3/13jg
142	ABN0313	wg-3,32,,ABN 11297 gmr0304B	**Full List**			3/13jg
143	AP90313	wg-4,32,,AP9 11152 gmr0304B				3/13jg
144	ADP0313	wg-5,32,,ADP 11153 gmr0304B				3/13jg
1	038210-1	WG2038210-1,32,,gmr				smz 3/14
2	038210-2	WG2038210-2,32,,gmr				smz 3/14
3	038210-3	WG2038210-3,32,,gmr				smz 3/14
4	038207-1	WG2038207-1,32,,gmr				3/13jg
5	038207-2	WG2038207-2,32,,gmr				3/13jg
6	038207-3	WG2038207-3,32,,gmr			**sv-hny**	3/13jg
7	038436-1	WG2038436-1,32,,gmr				3/13jg
8	038436-2	WG2038436-2,32,,gmr				3/13jg
9	038436-3	WG2038436-3,32,,gmr				3/13jg
10	12663-01	L2512663-01,32,,gmr				3/13jg
11	12679-01	L2512679-01,32,,gmr			**gmr**	3/13jg
12	12607-02	L2512607-02,32,,gmr			**sv jg**	3/13jg
13	12607-03	L2512607-03,32,,gmr				3/13jg
14	12607-04	L2512607-04,32,,gmr	rv, Is low			3/13jg
15	12607-05	L2512607-05,32,,gmr				3/13jg
16	12607-06	L2512607-06,32,,gmr				3/13jg
17	12607-01	L2512607-01,32,,gmr			**als**	3/13jg
					sv jg	

250313Night-Run **2025** SV106

Dep.: GCMS
Inst: SV106
Date: **03/13/25**
Run: **Night-Run**

Method
GC: ABNRVT

Seq: **WG2040337**
ICAL: **22075**

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
141	DEG0313n	wg-1,32,,SV106 Degdftpp Lot#11459				slr 3/14
142	ABN0313n	wg-3,32,,ABN 11297 mrg0313A	**Full List**			slr 3/14
143	AP90313n	wg-4,32,,AP9 11152 gmr0304B				slr 3/14
144	ADP0313n	wg-5,32,,ADP 11153 gmr0304B				
1	038837-1	WG2038837-1,32,,ASK				
2	038837-2	WG2038837-2,32,,ASK				
3	038837-3	WG2038837-3,32,,ASK				
4	038804-1	WG2038804-1,32,,ASK				3/14jg
5	038804-2	WG2038804-2,32,,ASK				3/14jg
6	038804-3	WG2038804-3,32,,ASK				3/14jg
7	039119-1	WG2039119-1,32,,RV,ASK				slr 3/14
8	039119-2	WG2039119-2,32,,RV,ASK				slr 3/14
9	039119-3	WG2039119-3,32,,RV,ASK				slr 3/14
10	039364-1	WG2039364-1,32,,ASK				
11	039364-2	WG2039364-2,32,,ASK				
12	039364-3	WG2039364-3,32,,ASK				
13	12642-03	L2512642-03,32,,ASK				slr 3/14
14	13047-09	L2513047-09,32,,ASK				
15	13047-10	L2513047-10,32,,ASK				
16	13174-10	L2513174-10,32,,ASK				
17	12522-11	L2512522-11,32,,ASK				
18	12369-01	L2512369-01,32,,RV,ASK				slr 3/14
19	12369-02	L2512369-02,32,,RV,ASK				slr 3/14
20	12369-03	L2512369-03,32,,RV,ASK				slr 3/14
21	12369-05	L2512369-05,32,,RV,ASK				slr 3/14
22	12369-06	L2512369-06,32,,RV,ASK				slr 3/14
23	12369-07	L2512369-07,32,,RV,ASK				slr 3/14
24	12369-08	L2512369-08,32,,RV,ASK				slr 3/14
25	12369-09	L2512369-09,32,,RV,ASK				slr 3/14
26	12369-04	L2512369-04,32,,RV,ASK				slr 3/14
27	12368-04	L2512368-04,32,,ASK			**ASK**	slr 3/14
					sv-gmr	

Dep.: GCMS
Inst: DAKOTA
Date: **03/14/25**
Run:

Method
GC: ABNRVT

Seq: **WG2040571**
ICAL: 21680

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
100	DEG0314	wg-1,32,,Degdftpp Lot #11459				smz 3/14
96	ABN0314	wg-3,32,,ABN 11297 gmr0304C				smz 3/14
97	AP90314	wg-4,32,,AP9 11152 gmr0304C				smz 3/14
98	ADP0314	wg-5,32,,ADP 11153 gmr0304C				smz 3/14
99	BLK0314	RVTBlank				smz 3/14
1	12368-01	L2512368-01,32,,gmr				smz 3/14
2	12368-02	L2512368-02,32,,gmr				smz 3/14
3	12368-05	L2512368-05,32,,gmr				smz 3/14
4	12368-07	L2512368-07,32,,gmr				smz 3/14
5	12368-08	L2512368-08,32,,gmr				smz 3/14
6	038207-4	WG2038207-4,32,,gmr				smz 3/14
7	038207-5	WG2038207-5,32,,gmr			**gmr**	smz 3/14
8	12368-10	L2512368-10,32,,gmr			**sv-smz**	smz 3/14
9	12368-11	L2512368-11,32,,gmr			**gmr/sv-hy**	smz 3/14
10	040595-2	WG2040546/95-2,32,,HNY				imk 3/14
11	040595-3	WG2040546/95-3,32,,HNY				imk 3/14
12	040595-1	WG2040546/95-1,32,,HNY				imk 3/14
13	12522-11	L2512522-11,32,,RE,HNY				imk 3/14
14	13047-09	L2513047-09,32,,RE,HNY			**sv-smz**	imk 3/14
15	13047-10	L2513047-10,32,,RE,HNY				imk 3/14
16	13174-10	L2513174-10,32,,RE,HNY				imk 3/14
17	12368-13	L2512368-13,32,,gmr				
18	12368-14	L2512368-14,32,,gmr				
19	12368-16	L2512368-16,32,,gmr				
20	12368-17	L2512368-17,32,,gmr				
21	12368-19	L2512368-19,32,,gmr				
22	12642-05	L2512642-05,32,,RE,HNY				
23	12881-01	L2512881-01,32,,gmr				
24	12974-08	L2512974-08,32,,gmr				
25	12974-09	L2512974-09,32,,gmr				
26	13118-01	L2513118-01,32,,gmr				
27	13118-02	L2513118-02,32,,gmr			**hny**	

Dep.: GCMS
Inst: SV112
Date: **03/14/25**
Run:

.

Method
GC: 8270RVT

Seq: **WG2040646**
ICAL: 22084

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
141	DEG0314	wg-1,32,,Degdftpp SV112 Lot#11459				3/14jg
142	ABN0314	wg-3,32,,ABN 11297 gmr0304C				3/14jg
143	AP90314	wg-4,32,,AP9 11152 gmr0304C				3/14jg
144	ADP0314	wg-5,32,,ADP 11153 gmr0304C				3/14jg
145	BLK0314	RVTBlank				
1	12193-16	L2512193-16,32,,RV,gmr				3/14jg
2	12193-14	L2512193-14,32,,gmr	RX, surr failed		**sv jg**	3/14jg
3	12642-05	L2512642-05,32,,gmr				3/14jg
4	12642-04	L2512642-04,32,,gmr				3/14jg
5	12642-02	L2512642-02,32,,gmr			**gmr**	3/14jg
6	12368-13	L2512368-13,32,,HNY				3/14jg
7	12368-14	L2512368-14,32,,HNY			**sv-als**	3/14jg
8	12368-16	L2512368-16,32,,HNY				3/14jg
9	12368-17	L2512368-17,32,,HNY				3/14jg
10	12368-19	L2512368-19,32,,HNY				3/14jg
11	12642-01	L2512642-01,32,,gmr			**sv jg**	3/14jg
12	12881-02	L2512881-02,32,,gmr				
13	12881-03	L2512881-03,32,,gmr				
14	12881-04	L2512881-04,32,,gmr				
15	12881-06	L2512881-06,32,,gmr				
16	12881-07	L2512881-07,32,,gmr				
17	12881-08	L2512881-08,32,,gmr				
18	039332-2	WG2039332-2,32,,gmr				
19	039332-3	WG2039332-3,32,,gmr				
20	039332-1	WG2039332-1,32,,gmr				
21	13385-01	L2513385-01,32,,gmr				
22	13385-02	L2513385-02,32,,gmr				
23	13385-03	L2513385-03,32,,gmr				
24	13385-04	L2513385-04,32,,gmr				
25	13385-05	L2513385-05,32,,gmr				
26	13491-01	L2513491-01,32,,gmr				
27	13491-02	L2513491-02,32,,gmr			**hny**	

ORGANIC ELN REPORT

Workgroup: WG2038207

Prep Method: EPA 3510C		**Conc.Method:** Buchi	***Cleanup 1***
Solvent Type: DCM	**Lot #:** EJ756	**Solvent Type:** DCM	**Cleanup Method 1:**
Surrogate Type: ABN	**Lot #:** 11378ag,08/11/2025,2c,7,7	**Lot #:** EJ756	**Cleanup Method 2:**
Spike Type: ABN	**Lot #:** 11219al,06/19/2025,4r,11220ad		**Solvent Type:** **Lot #:**
Spike Verify by: SHD			
Lims Spikelot: 8270-RVT			
Additional Reagents/Stds		**Additional Reagents/Stds**	**Additional Reagents/Stds**

H2SO4	A120224
Na2SO4	23K2961078
NaOH	10NNaOH010625

Extraction / **Concentration**

Sample/ Type	Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Conc Date	Analyst	Final Vol ml	Conc Unit
L2512368-01 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-02 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-04 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-05 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-07 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-08 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K

Reported: 14-MAR-25 04:43 PM

ORGANIC ELN REPORT

Workgroup: WG2038207

	Extraction						Concentration			
Sample/ Type	Extract Date	Analyst	Sample Vol **ml**	Ph	Surr Amt **ml**	Spike Amt **ml**	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2512368-10 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-11 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-13 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-14 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-16 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-17 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-19 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512568-01 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K

Reported: 14-MAR-25 04:43 PM

ORGANIC ELN REPORT

Workgroup: WG2038207

Sample/ Type	Extraction: Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Concentration: Conc Date	Analyst	Final Vol ml	Conc Unit
L2512607-01 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512607-02 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512607-03 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512607-04 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512607-05 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512607-06 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
WG2038207-1 BLANK	03/08/25 23:50 **WG2038209**	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
WG2038207-2 LCS	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1	.1	03/09/25 04:36	Alaina Ohara-Cruz	1	K

Reported: 14-MAR-25 04:43 PM

ORGANIC ELN REPORT

Workgroup: **WG2038207**

Sample/ Type	Extraction: Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Concentration: Conc Date	Analyst	Final Vol ml	Conc Unit
WG2038207 -3 LCSD	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1	.1	03/09/25 04:36	Alaina Ohara-Cruz	1	K
WG2038207 -4 MS	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1	.1	03/09/25 04:36	Alaina Ohara-Cruz	1	K
WG2038207 -5 MSD	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1	.1	03/09/25 04:36	Alaina Ohara-Cruz	1	K

Reported: 14-MAR-25 04:43 PM

Semivolatiles Data
by Method 8270D-SIM

Semivolatiles QC Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: P. W. Grosser
Project Name: ROANOKE SAND AND GRAVEL

Lab Number: L2512368
Project Number: BSD1504
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
5A (L2512368-01)	28	27	86	76	46	78	0
5B (L2512368-02)	27	25	84	74	41	71	0
6A (L2512368-04)	22	22	71	66	37	68	0
6B (L2512368-05)	26	23	78	71	40	72	0
7A (L2512368-07)	36	29	84	76	62	74	0
7B (L2512368-08)	13*	17	77	71	21	73	1
8A (L2512368-10)	20*	21	70	64	28	62	1
8B (L2512368-11)	37	30	87	79	58	81	0
9A (L2512368-13)	22	22	78	71	34	72	0
9B (L2512368-14)	38	31	98	87	57	85	0
10A (L2512368-16)	32	29	88	82	52	83	0
10B (L2512368-17)	27	23	81	72	47	74	0
DUP001 (L2512368-19)	38	31	80	73	74	82	0
WG2038209-1BLANK	41	31	83	74	66	74	0
WG2038209-2LCS	63	44	106	88	93	85	0
WG2038209-3LCSD	61	43	102	87	97	80	0
8AMS	43	34	98	84	70	81	0
8AMSD	50	39	106	90	79	87	0

QC LIMITS

(21-120)	2FP = 2-FLUOROPHENOL
(10-120)	PHL = PHENOL-D6
(23-120)	NBZ = NITROBENZENE-D5
(15-120)	FBP = 2-FLUOROBIPHENYL
(10-120)	TBP = 2,4,6-TRIBROMOPHENOL
(41-149)	TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NYTCL-8270-SIM-RVT

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser		**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL		**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)			
LCS Sample ID	: WG2038209-2	Analysis Date : 03/11/25 16:39	**File ID**	: 038209-2
LCSD Sample ID	: WG2038209-3	Analysis Date : 03/11/25 16:56	**File ID**	: 038209-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	20	19	94	20	18	91	3	40-140	40
2-Chloronaphthalene	20	16	78	20	16	78	0	40-140	40
Fluoranthene	20	18	91	20	17	87	4	40-140	40
Hexachlorobutadiene	20	13	64	20	12	59	8	40-140	40
Naphthalene	20	16	82	20	16	78	5	40-140	40
Benzo(a)anthracene	20	22	110	20	22	108	2	40-140	40
Benzo(a)pyrene	20	23	116	20	23	114	2	40-140	40
Benzo(b)fluoranthene	20	22	110	20	21	105	5	40-140	40
Benzo(k)fluoranthene	20	20	100	20	20	100	0	40-140	40
Chrysene	20	21	103	20	20	102	1	40-140	40
Acenaphthylene	20	17	86	20	18	88	2	40-140	40
Anthracene	20	20	102	20	20	101	1	40-140	40
Benzo(ghi)perylene	20	28	138	20	26	132	4	40-140	40
Fluorene	20	19	97	20	19	96	1	40-140	40
Phenanthrene	20	20	101	20	20	101	0	40-140	40
Dibenzo(a,h)anthracene	20	27	136	20	26	130	5	40-140	40
Indeno(1,2,3-cd)pyrene	20	28	142 Q	20	27	136	4	40-140	40
Pyrene	20	18	89	20	17	85	5	40-140	40
2-Methylnaphthalene	20	14	73	20	14	72	1	40-140	40
Pentachlorophenol	20	19	97	20	19	97	0	40-140	40
Hexachlorobenzene	20	21	105	20	20	102	3	40-140	40
Hexachloroethane	20	12	58	20	11	54	7	40-140	40

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser		Lab Number	:	L2512368
Project Name	: ROANOKE SAND AND GRAVEL		Project Number	:	BSD1504
Client Sample ID	: 8A		Matrix (Level)	:	WATER (LOW)
Lab Sample ID	: L2512368-10		Analysis Date	:	03/11/25 20:19
Matrix Spike	: WG2038209-4		MS Analysis Date	:	03/11/25 19:46
Matrix Spike Dup	: WG2038209-5		MSD Analysis Date	:	03/11/25 20:03

		Matrix Spike Sample			Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	ND	20	18	90	20	20	100		11	40-140	40
2-Chloronaphthalene	ND	20	15	75	20	16	80		6	40-140	40
Fluoranthene	ND	20	18	90	20	19	95		5	40-140	40
Hexachlorobutadiene	ND	20	12	60	20	13	65		8	40-140	40
Naphthalene	ND	20	16	80	20	17	85		6	40-140	40
Benzo(a)anthracene	ND	20	21	110	20	23	120		9	40-140	40
Benzo(a)pyrene	ND	20	22	110	20	24	120		9	40-140	40
Benzo(b)fluoranthene	ND	20	21	110	20	22	110		5	40-140	40
Benzo(k)fluoranthene	ND	20	20	100	20	22	110		10	40-140	40
Chrysene	ND	20	20	100	20	21	110		5	40-140	40
Acenaphthylene	ND	20	17	85	20	18	90		6	40-140	40
Anthracene	ND	20	20	100	20	21	110		5	40-140	40
Benzo(ghi)perylene	ND	20	26	130	20	29	150	Q	11	40-140	40
Fluorene	ND	20	19	95	20	20	100		5	40-140	40
Phenanthrene	ND	20	19	95	20	21	110		10	40-140	40
Dibenzo(a,h)anthracene	ND	20	25	130	20	28	140		11	40-140	40
Indeno(1,2,3-cd)pyrene	ND	20	27	140	20	30	150	Q	11	40-140	40
Pyrene	ND	20	17	85	20	19	95		11	40-140	40
2-Methylnaphthalene	ND	20	14	70	20	15	75		7	40-140	40
Pentachlorophenol	ND	20	14	70	20	16	80		13	40-140	40
Hexachlorobenzene	ND	20	20	100	20	21	110		5	40-140	40
Hexachloroethane	ND	20	12	60	20	13	65		8	40-140	40

Method Blank Summary
Form 4
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab Sample ID	: WG2038209-1	**Lab File ID**	: 038209-1
Instrument ID	: SV119	**Extraction Date**	: 03/08/25
Matrix	: WATER	**Analysis Date**	: 03/11/25 17:13
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG2038209-2LCS	WG2038209-2	03/11/25 16:39
WG2038209-3LCSD	WG2038209-3	03/11/25 16:56
5A	L2512368-01	03/11/25 17:30
5B	L2512368-02	03/11/25 18:21
6A	L2512368-04	03/11/25 18:38
6B	L2512368-05	03/11/25 18:55
7A	L2512368-07	03/11/25 19:12
7B	L2512368-08	03/11/25 19:29
8AMS	WG2038209-4	03/11/25 19:46
8AMSD	WG2038209-5	03/11/25 20:03
8A	L2512368-10	03/11/25 20:19
8B	L2512368-11	03/11/25 20:36
9A	L2512368-13	03/11/25 20:53
9B	L2512368-14	03/11/25 21:10
10A	L2512368-16	03/11/25 21:27
10B	L2512368-17	03/12/25 10:51
DUP001	L2512368-19	03/12/25 11:07

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV119	**Analysis Date**	: 12/29/24 13:20
Tune Standard	: R1917140-11	**Tune File ID**	: TUNEa_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	58
68	Less than 2.0% of mass 69	0.8 (1.8)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	54.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	25.6
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	78.7
443	15.0 - 24.0% of mass 442	13.7 (17.4)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
L10	R1917140-2	L10	12/29/24 13:37
L9	R1917140-10	L9	12/29/24 13:53
L8	R1917140-9	L8	12/29/24 14:10
L7	R1917140-7	L7	12/29/24 14:27
L6	R1917140-8	L6	12/29/24 14:44
L5	R1917140-6	L5	12/29/24 15:01
L4	R1917140-5	L4	12/29/24 15:18
L3	R1917140-4	L3	12/29/24 15:35
L2	R1917140-3	L2	12/29/24 15:52
L1	R1917140-1	L1	12/29/24 16:09
ICV Quant Report	R1917140-12	ICV	12/29/24 16:26

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV119	Analysis Date	: 03/11/25 09:35
Tune Standard	: WG2039073-1	Tune File ID	: deg0311b_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	53.8
68	Less than 2.0% of mass 69	0.7 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.3 (.6)1
127	10.0 - 80.0% of Base Peak	55.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	25.4
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	19.5
442	Base Peak, or >50% of mass 198	69.7
443	15.0 - 24.0% of mass 442	14.8 (21.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2039073-4TFACTOR-B	WG2039073-4	DEG0311B	03/11/25 09:35
WG2039073-5TFACTOR-P	WG2039073-5	DEG0311B	03/11/25 09:35
WG2039073-3CCAL	WG2039073-3	CCV0311B	03/11/25 09:51
WG2038209-2LCS	WG2038209-2	038209-2	03/11/25 16:39
WG2038209-3LCSD	WG2038209-3	038209-3	03/11/25 16:56
WG2038209-1BLANK	WG2038209-1	038209-1	03/11/25 17:13
5A	L2512368-01	12368-01	03/11/25 17:30
5B	L2512368-02	12368-02	03/11/25 18:21
6A	L2512368-04	12368-04	03/11/25 18:38
6B	L2512368-05	12368-05	03/11/25 18:55
7A	L2512368-07	12368-07	03/11/25 19:12
7B	L2512368-08	12368-08	03/11/25 19:29
WG2038209-4MS	WG2038209-4	038209-4	03/11/25 19:46
WG2038209-5MSD	WG2038209-5	038209-5	03/11/25 20:03
8A	L2512368-10	12368-10	03/11/25 20:19
8B	L2512368-11	12368-11	03/11/25 20:36
9A	L2512368-13	12368-13	03/11/25 20:53
9B	L2512368-14	12368-14	03/11/25 21:10
10A	L2512368-16	12368-16	03/11/25 21:27

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV119**	**Analysis Date**	**: 03/12/25 06:22**
Tune Standard	**: WG2039433-1**	**Tune File ID**	**: deg0312_tune**

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	54
68	Less than 2.0% of mass 69	0.4 (.9)1
69		100
70	Less than 2.0% of mass 69	0.4 (.8)1
127	10.0 - 80.0% of Base Peak	58.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.4
275	10.0 - 60.0% of Base Peak	23.2
365	Greater than 1.0% of mass 198	3
441	Present, but less than 24% of mass 442	17.2
442	Base Peak, or >50% of mass 198	67.4
443	15.0 - 24.0% of mass 442	12.7 (18.9)2

1-Value is % of mass 69   2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2039433-4TFACTOR-B	WG2039433-4	DEG0312	03/12/25 06:22
WG2039433-5TFACTOR-P	WG2039433-5	DEG0312	03/12/25 06:22
WG2039433-3CCAL	WG2039433-3	CCV0312A	03/12/25 06:56
10B	L2512368-17	12368-17	03/12/25 10:51
DUP001	L2512368-19	12368-19	03/12/25 11:07

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV119	**Analysis Date**	: 03/11/25 09:51:00
Sample No	: WG2039073-3	**Lab File ID**	: CCV0311B

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2039073-3	325676	2.21	1225929	2.86	688151	3.83
Upper Limit	651352	2.71	2451858	3.36	1376302	4.33
Lower Limit	162838	1.71	612965	2.36	344076	3.33
Sample ID						
WG2038209-2 LCS	355330	2.21	1377596	2.86	713764	3.83
WG2038209-3 LCSD	344875	2.21	1342455	2.86	716499	3.83
WG2038209-1 BLANK	367147	2.21	1403293	2.86	769884	3.83
5A	347513	2.21	1332705	2.86	730092	3.83
5B	342981	2.21	1314854	2.86	722651	3.83
6A	345944	2.21	1313458	2.86	712475	3.83
6B	339481	2.21	1302863	2.86	724985	3.83
7A	354455	2.21	1354244	2.86	743083	3.83
7B	372921	2.21	1410766	2.86	778155	3.83
8A MS	351857	2.21	1351189	2.86	719152	3.83
8A MSD	346404	2.21	1333618	2.86	703085	3.83
8A	352657	2.21	1341457	2.86	744293	3.83
8B	338044	2.21	1291645	2.86	701999	3.83
9A	343858	2.21	1311955	2.86	726413	3.83
9B	349303	2.21	1327663	2.86	713703	3.83
10A	343417	2.21	1304857	2.86	711441	3.83

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV119	Analysis Date	: 03/11/25 09:51:00
Sample No	: WG2039073-3	Lab File ID	: CCV0311B

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2039073-3	1410915	4.67	1283861	6.25	1327611	7.44
Upper Limit	2821830	5.17	2567722	6.75	2655222	7.94
Lower Limit	705458	4.17	641931	5.75	663806	6.94
Sample ID						
WG2038209-2 LCS	1240963	4.67	979906	6.25	1187399	7.44
WG2038209-3 LCSD	1260790	4.67	991344	6.25	1213055	7.44
WG2038209-1 BLANK	1377388	4.67	1236844	6.25	1309895	7.44
5A	1310656	4.67	1199992	6.25	1312620	7.44
5B	1299981	4.67	1110917	6.25	1216171	7.43
6A	1314937	4.67	1183245	6.25	1279678	7.43
6B	1343794	4.67	1175137	6.25	1284540	7.43
7A	1346376	4.67	1188730	6.24	1318030	7.43
7B	1463493	4.67	1332955	6.25	1399040	7.43
8A MS	1314055	4.67	1054507	6.24	1240452	7.43
8A MSD	1254097	4.67	1020491	6.25	1167916	7.43
8A	1326327	4.67	1142207	6.24	1244846	7.43
8B	1283203	4.67	1119299	6.24	1208964	7.43
9A	1334467	4.66	1138166	6.24	1241833	7.43
9B	1271063	4.67	1107239	6.24	1210023	7.42
10A	1273493	4.66	1100576	6.24	1195554	7.43

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV119	Analysis Date	: 03/12/25 06:56:00
Sample No	: WG2039433-3	Lab File ID	: CCV0312A

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2039433-3	270856	2.18	1057861	2.83	616254	3.80
Upper Limit	541712	2.68	2115722	3.33	1232508	4.30
Lower Limit	135428	1.68	528931	2.33	308127	3.30
Sample ID						
10B	247567	2.18	969700	2.84	563923	3.81
DUP001	242078	2.18	955014	2.84	553752	3.81

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV119	Analysis Date	: 03/12/25 06:56:00
Sample No	: WG2039433-3	Lab File ID	: CCV0312A

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2039433-3	1278760	4.64	1251818	6.19	1310763	7.35
Upper Limit	2557520	5.14	2503636	6.69	2621526	7.85
Lower Limit	639380	4.14	625909	5.69	655382	6.85
Sample ID						
10B	1143382	4.64	1055893	6.19	1044825	7.34
DUP001	1124269	4.64	1028204	6.19	1020118	7.34

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 03/07/23
Created By: Jason Hebert
File: PM14021-1
Page: 1

EPA 8270E Low Level PAH (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 1000ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	0.1	0.035	ug/l	40-140	40	40-140	40	40			
2-Chloronaphthalene	91-58-7	0.2	0.035	ug/l	40-140	40	40-140	40	40			
Fluoranthene	206-44-0	0.1	0.038	ug/l	40-140	40	40-140	40	40			
Hexachlorobutadiene	87-68-3	0.5	0.036	ug/l	40-140	40	40-140	40	40			
Naphthalene	91-20-3	0.1	0.043	ug/l	40-140	40	40-140	40	40			
Benzo(a)anthracene	56-55-3	0.1	0.018	ug/l	40-140	40	40-140	40	40			
Benzo(a)pyrene	50-32-8	0.1	0.039	ug/l	40-140	40	40-140	40	40			
Benzo(b)fluoranthene	205-99-2	0.1	0.016	ug/l	40-140	40	40-140	40	40			
Benzo(k)fluoranthene	207-08-9	0.1	0.042	ug/l	40-140	40	40-140	40	40			
Chrysene	218-01-9	0.1	0.038	ug/l	40-140	40	40-140	40	40			
Acenaphthylene	208-96-8	0.1	0.035	ug/l	40-140	40	40-140	40	40			
Anthracene	120-12-7	0.1	0.035	ug/l	40-140	40	40-140	40	40			
Benzo(ghi)perylene	191-24-2	0.1	0.042	ug/l	40-140	40	40-140	40	40			
Fluorene	86-73-7	0.1	0.037	ug/l	40-140	40	40-140	40	40			
Phenanthrene	85-01-8	0.1	0.015	ug/l	40-140	40	40-140	40	40			
Dibenzo(a,h)anthracene	53-70-3	0.1	0.039	ug/l	40-140	40	40-140	40	40			
Indeno(1,2,3-cd)Pyrene	193-39-5	0.1	0.04	ug/l	40-140	40	40-140	40	40			
Pyrene	129-00-0	0.1	0.04	ug/l	40-140	40	40-140	40	40			
1-Methylnaphthalene	90-12-0	0.1	0.041	ug/l	40-140	40	40-140	40	40			
2-Methylnaphthalene	91-57-6	0.1	0.045	ug/l	40-140	40	40-140	40	40			
Pentachlorophenol	87-86-5	0.8	0.22	ug/l	40-140	40	40-140	40	40			
Hexachlorobenzene	118-74-1	0.8	0.032	ug/l	40-140	40	40-140	40	40			
Hexachloroethane	67-72-1	0.8	0.03	ug/l	40-140	40	40-140	40	40			
2-Fluorophenol	*367-12-4*									*21-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*15-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-120*		
4-Terphenyl-d14	*1718-51-0*									*41-149*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of the laboratory.

Date Created: 03/07/23
Created By: Jason Hebert
File: PM14022-1
Page: 1

EPA 8270E Low Level PAH (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Glass 250ml/8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	6.68	1.4028	ug/kg	40-140	50	40-140	50	50			
2-Chloronaphthalene	91-58-7	6.68	0.8684	ug/kg	40-140	50	40-140	50	50			
Fluoranthene	206-44-0	6.68	0.4676	ug/kg	40-140	50	40-140	50	50			
Hexachlorobutadiene	87-68-3	6.68	0.9352	ug/kg	34-107	50	40-140	50	50			
Naphthalene	91-20-3	6.68	1.2024	ug/kg	40-140	50	40-140	50	50			
Benzo(a)anthracene	56-55-3	6.68	0.6346	ug/kg	40-140	50	40-140	50	50			
Benzo(a)pyrene	50-32-8	6.68	0.8016	ug/kg	40-140	50	40-140	50	50			
Benzo(b)fluoranthene	205-99-2	6.68	0.6346	ug/kg	40-140	50	40-140	50	50			
Benzo(k)fluoranthene	207-08-9	6.68	0.6012	ug/kg	40-140	50	40-140	50	50			
Chrysene	218-01-9	6.68	0.501	ug/kg	40-140	50	40-140	50	50			
Acenaphthylene	208-96-8	6.68	0.835	ug/kg	40-140	50	40-140	50	50			
Anthracene	120-12-7	6.68	0.5344	ug/kg	40-140	50	40-140	50	50			
Benzo(ghi)perylene	191-24-2	6.68	0.5678	ug/kg	40-140	50	40-140	50	50			
Fluorene	86-73-7	6.68	0.8016	ug/kg	40-140	50	40-140	50	50			
Phenanthrene	85-01-8	6.68	0.5678	ug/kg	40-140	50	40-140	50	50			
Dibenzo(a,h)anthracene	53-70-3	6.68	0.668	ug/kg	40-140	50	40-140	50	50			
Indeno(1,2,3-cd)Pyrene	193-39-5	6.68	0.8016	ug/kg	40-140	50	40-140	50	50			
Pyrene	129-00-0	6.68	0.4676	ug/kg	35-142	50	35-142	50	50			
1-Methylnaphthalene	90-12-0	6.68	1.0354	ug/kg	40-140	50	40-140	50	50			
2-Methylnaphthalene	91-57-6	6.68	1.9038	ug/kg	40-140	50	40-140	50	50			
Pentachlorophenol	87-86-5	26.72	2.9392	ug/kg	17-109	50	17-109	50	50			
Hexachlorobenzene	118-74-1	6.68	0.7014	ug/kg	40-140	50	40-140	50	50			
Hexachloroethane	67-72-1	6.68	1.2358	ug/kg	29-106	50	40-140	50	50			
2-Fluorophenol	*367-12-4*									*25-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*30-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-136*		
4-Terphenyl-d14	*1718-51-0*									*18-120*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of he laboratory.

Semivolatile Sample Data

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-01	Date Collected	: 03/05/25 11:20
Client ID	: 5A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 17:30
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-01	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-02	Date Collected	: 03/05/25 11:25
Client ID	: 5B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 18:21
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-02	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-04	Date Collected	: 03/05/25 09:25
Client ID	: 6A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 18:38
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-04	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-05	Date Collected	: 03/05/25 09:27
Client ID	: 6B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 18:55
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-05	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	0.03	0.10	0.02	J
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	0.04	0.10	0.02	J
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	0.10	0.02	J
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-07	Date Collected	: 03/05/25 08:15
Client ID	: 7A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 19:12
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-07	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-08	Date Collected	: 03/05/25 08:13
Client ID	: 7B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 19:29
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-08	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-10	Date Collected	: 03/05/25 16:20
Client ID	: 8A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 20:19
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-10	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-11	Date Collected	: 03/05/25 16:45
Client ID	: 8B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 20:36
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-11	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-13	Date Collected	: 03/05/25 14:10
Client ID	: 9A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 20:53
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-13	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-14	Date Collected	: 03/05/25 15:15
Client ID	: 9B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 21:10
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-14	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.04	0.10	0.02	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-16	Date Collected	: 03/05/25 12:45
Client ID	: 10A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/11/25 21:27
Sample Matrix	: WATER	Date Extracted	: 03/09/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-16	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-17	Date Collected	: 03/05/25 12:55
Client ID	: 10B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 10:51
Sample Matrix	: WATER	Date Extracted	: 03/09/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-17	Analyst	: KMH
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-19	Date Collected	: 03/05/25 00:00
Client ID	: DUP001	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 11:07
Sample Matrix	: WATER	Date Extracted	: 03/09/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 12368-19	Analyst	: KMH
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2038209-1	Date Collected	: NA
Client ID	: WG2038209-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/11/25 17:13
Sample Matrix	: WATER	Date Extracted	: 03/08/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 038209-1	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	0.02	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-01.D
Acq On    : 11 Mar 2025  05:30 pm
Operator  : sv119:jjw
Sample    : L2512368-01,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 26   Sample Multiplier: 1

Quant Time: Mar 12 11:01:54 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.214  152    347513   4000.000 ng/ml    0.00
   Standard Area 1 = 325676                 Recovery   =  106.71%
 9) Naphthalene-d8              2.862  136   1332705   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929                 Recovery   =  108.71%
18) Acenaphthene-d10            3.829  164    730092   4000.000 ng/ml    0.00
   Standard Area 1 = 688151                 Recovery   =  106.09%
23) Phenanthrene-d10            4.669  188   1310656   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915                 Recovery   =   92.89%
33) Chrysene-d12                6.247  240   1199992   4000.000 ng/ml    0.00
   Standard Area 1 = 1283861                 Recovery   =   93.47%
38) Perylene-d12                7.435  264   1312620   4000.000 ng/ml    0.00
   Standard Area 1 = 1327611                 Recovery   =   98.87%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.687  112     51954   557.973 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   27.90%
 4) Phenol-d6                   2.083   99     63033M4   542.383 ng/ml   0.04

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   27.12%
 8) Nitrobenzene-d5             2.492   82     96654   857.655 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   85.77%
14) 2-Fluorobiphenyl            3.451  172    247315   761.031 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   76.10%
22) 2,4,6-Tribromophenol        4.282  330     29360   921.393 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   46.07%
32) 4-Terphenyl-d14             5.597  244    252551   776.738 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   77.67%

 Target Compounds                                                 Qvalue
 7) Hexachloroethane            0.000                0       N.D. d
10) Naphthalene                 0.000                0       N.D. d
11) Hexachlorobutadiene         0.000                0       N.D.
12) 2-Methylnaphthalene         0.000                0       N.D. d
15) 2-Chloronaphthalene         0.000                0       N.D. d
17) Acenaphthylene              0.000                0       N.D.
19) Acenaphthene                0.000                0       N.D. d
21) Fluorene                    0.000                0       N.D. d
25) Hexachlorobenzene           0.000                0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-01.D
Acq On : 11 Mar 2025 05:30 pm
Operator : sv119:jjw
Sample : L2512368-01,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 12 11:01:54 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D. d	
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

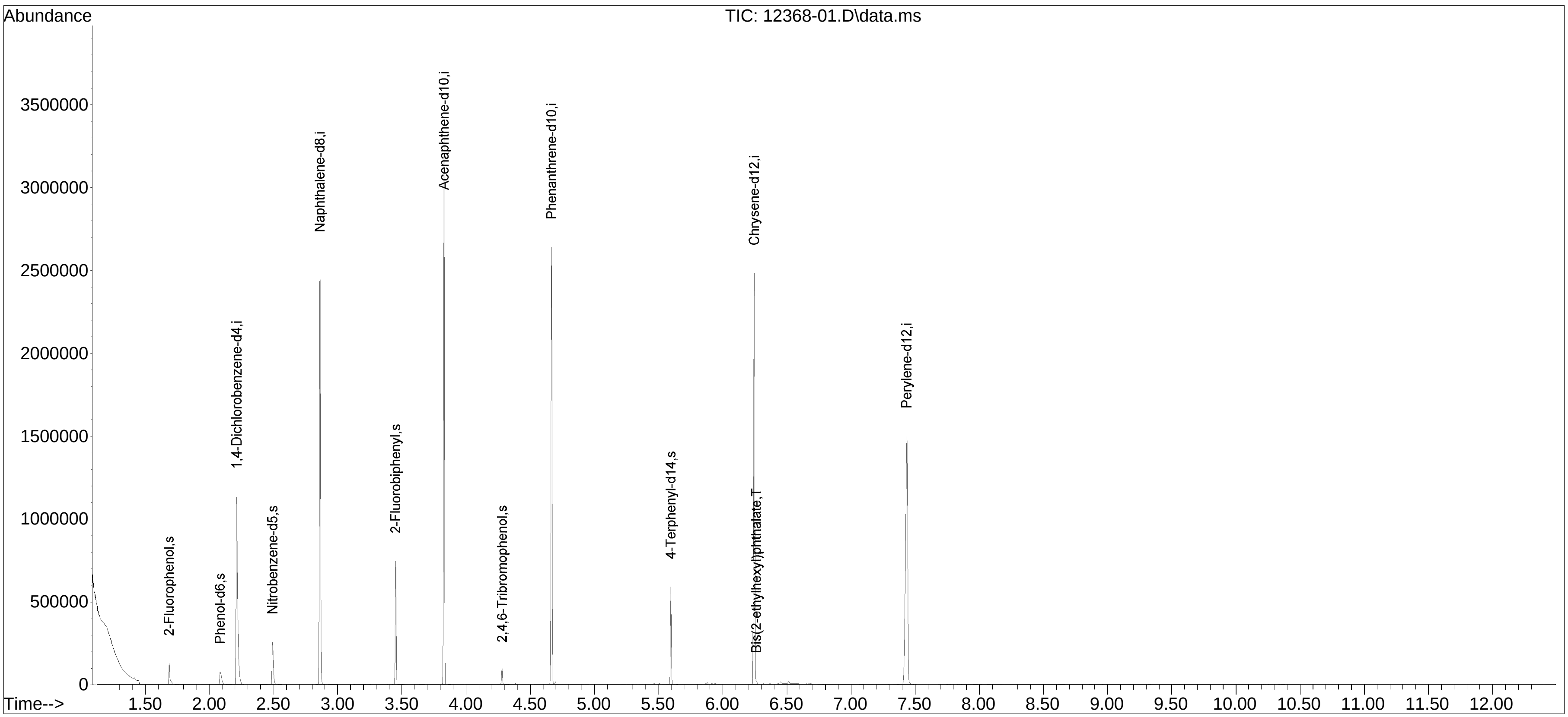
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-01.D
Acq On : 11 Mar 2025 05:30 pm
Operator : sv119:jjw
Sample : L2512368-01,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 12 11:01:54 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

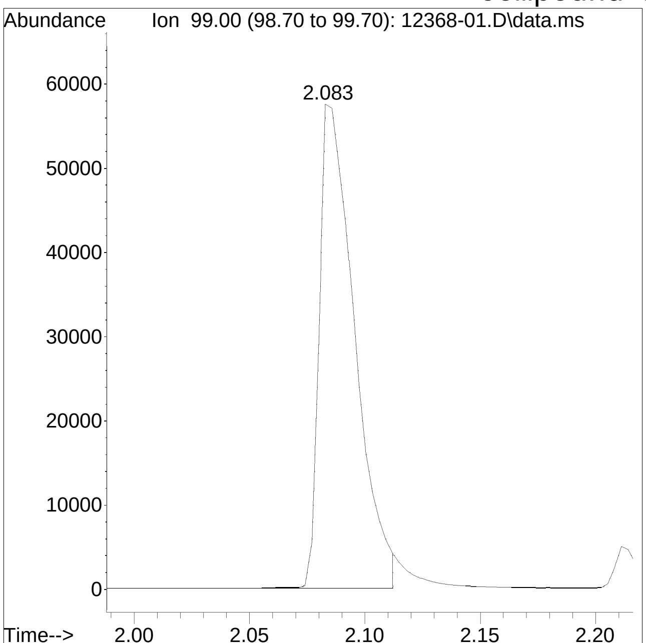
Sub List : DEFAULT - All compounds listedT\ccv0311b.D•

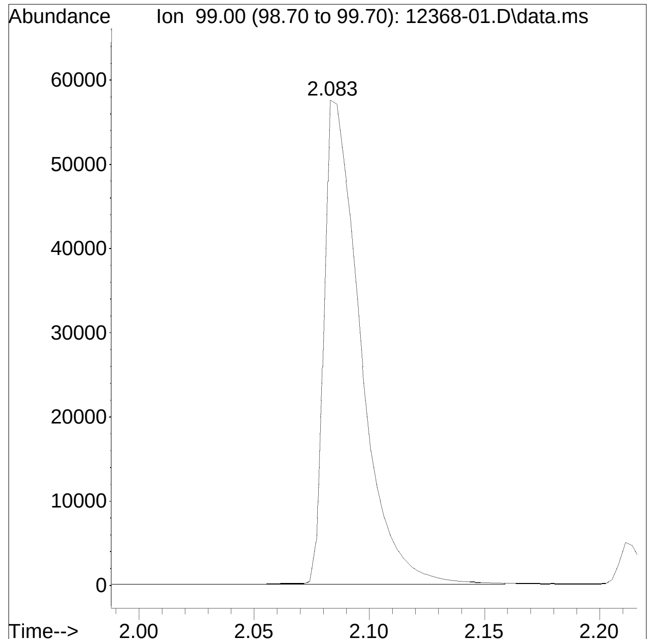


Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250311bRVQMethod     : SIM-RVT_241229_sv119.M
Data File   : 12368-01.D                  Operator    : sv119:jjw
Date Inj'd  : 3/11/2025  5:30 pm          Instrument  : SV119
Sample      : L2512368-01,32,,kmh         Quant Date  : 3/11/2025  5:44 pm
```

Compound #4: Phenol-d6





Original Peak Response = 60793   Manual Peak Response = 63033 M4

M4 = Poor automated baseline construction.

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-02.D
Acq On    : 11 Mar 2025  06:21 pm
Operator  : sv119:jjw
Sample    : L2512368-02,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 29   Sample Multiplier: 1

Quant Time: Mar 12 11:02:04 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.211  152    342981   4000.000 ng/ml    0.00
   Standard Area 1 = 325676                Recovery   =  105.31%
 9) Naphthalene-d8              2.861  136   1314854   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929                Recovery   =  107.25%
18) Acenaphthene-d10            3.827  164    722651   4000.000 ng/ml    0.00
   Standard Area 1 = 688151                Recovery   =  105.01%
23) Phenanthrene-d10            4.669  188   1299981   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915                Recovery   =   92.14%
33) Chrysene-d12                6.247  240   1110917   4000.000 ng/ml    0.00
   Standard Area 1 = 1283861                Recovery   =   86.53%
38) Perylene-d12                7.433  264   1216171   4000.000 ng/ml    0.00
   Standard Area 1 = 1327611                Recovery   =   91.61%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.682  112     49052   533.767 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   26.69%
 4) Phenol-d6                   2.080   99     57453M6   500.901 ng/ml   0.04

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   25.05%
 8) Nitrobenzene-d5             2.490   82     92964   835.812 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   83.58%
14) 2-Fluorobiphenyl            3.451  172    237800   741.687 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   74.17%
22) 2,4,6-Tribromophenol        4.280  330     25689   814.489 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   40.72%
32) 4-Terphenyl-d14             5.598  244    227928   706.764 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   70.68%

 Target Compounds                                                  Qvalue
 7) Hexachloroethane            0.000                0       N.D. d
10) Naphthalene                 0.000                0       N.D. d
11) Hexachlorobutadiene         0.000                0       N.D.
12) 2-Methylnaphthalene         0.000                0       N.D. d
15) 2-Chloronaphthalene         0.000                0       N.D. d
17) Acenaphthylene              0.000                0       N.D. d
19) Acenaphthene                0.000                0       N.D. d
21) Fluorene                    0.000                0       N.D. d
25) Hexachlorobenzene           0.000                0       N.D. d
```

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-02.D
Acq On    : 11 Mar 2025  06:21 pm
Operator  : sv119:jjw
Sample    : L2512368-02,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 29   Sample Multiplier: 1

Quant Time: Mar 12 11:02:04 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D.	d	
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	0.000		0	N.D.	d	
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	0.000		0	N.D.	d	
34) Benzo[a]anthracene	0.000		0	N.D.	d	
36) Chrysene	0.000		0	N.D.	d	
39) Benzo[b]fluoranthene	0.000		0	N.D.	d	
40) Benzo[k]fluoranthene	0.000		0	N.D.	d	
41) Benzo[a]pyrene	0.000		0	N.D.	d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
44) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

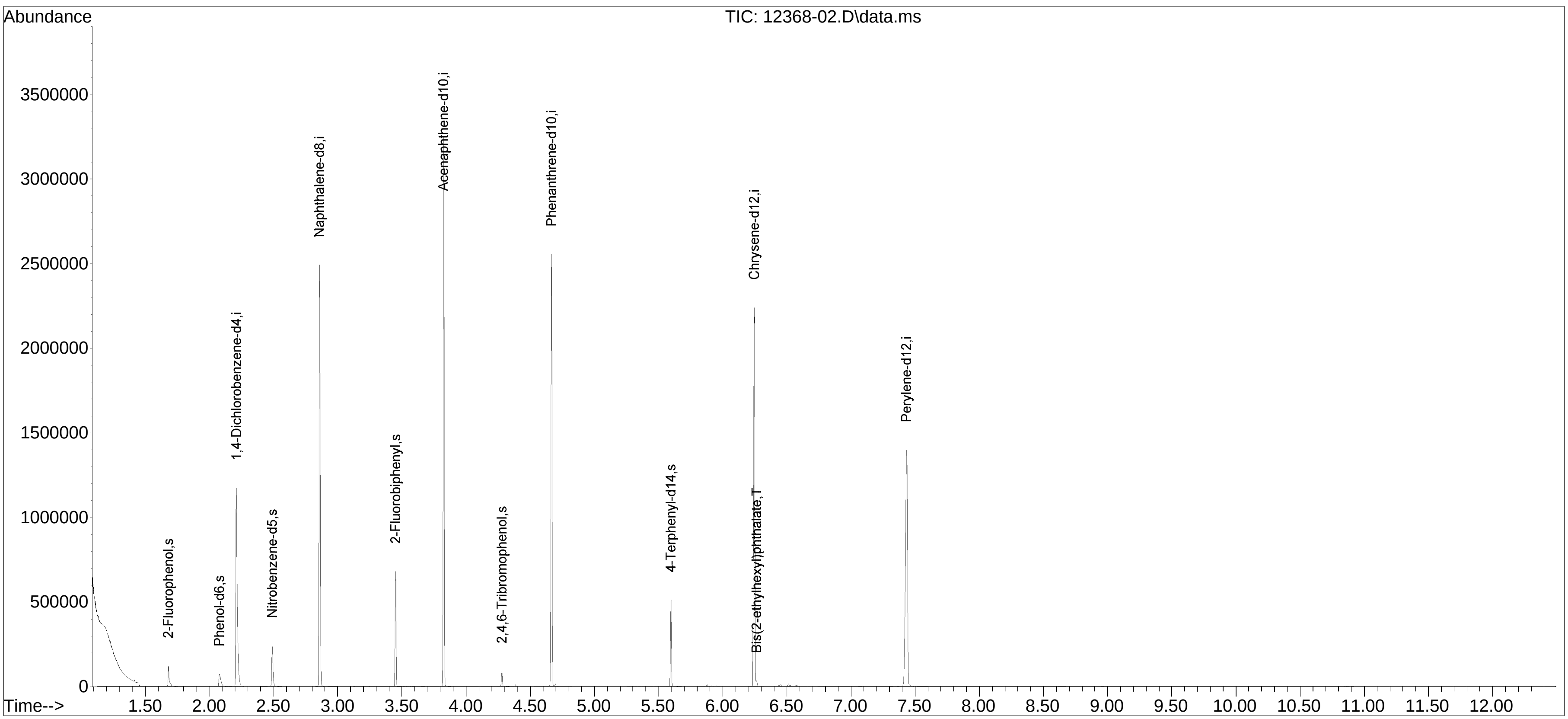
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-02.D
Acq On   : 11 Mar 2025 06:21 pm
Operator : sv119:jjw
Sample   : L2512368-02,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 29   Sample Multiplier: 1

Quant Time: Mar 12 11:02:04 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listedT\ccv0311b.D•

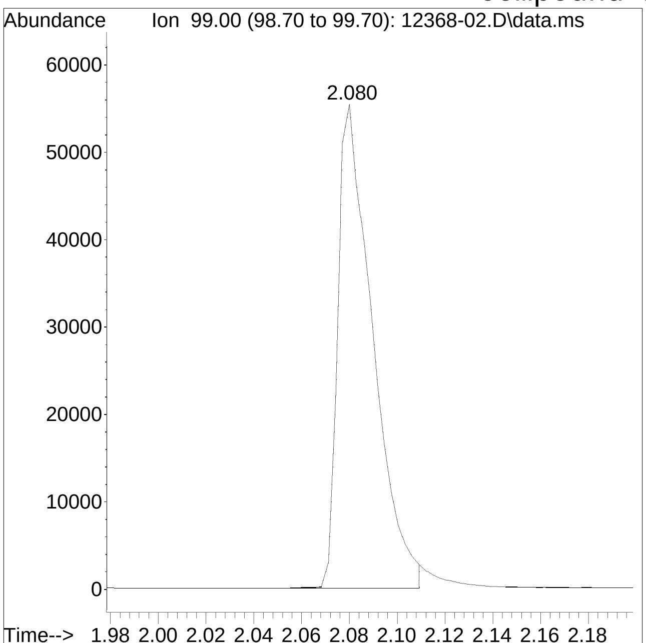


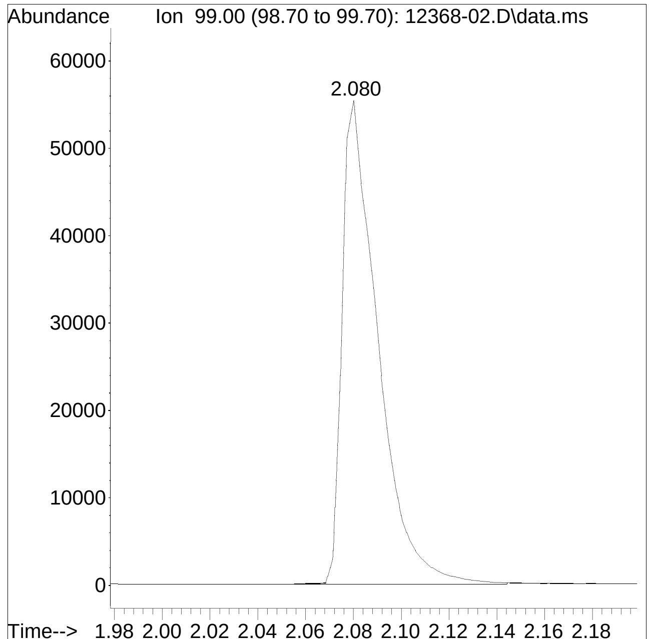
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 12368-02.D
Date Inj'd : 3/11/2025 6:21 pm
Sample : L2512368-02,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/11/2025 6:35 pm

Compound #4: Phenol-d6





Original Peak Response = 55965

Manual Peak Response = 57453 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-04.D
Acq On    : 11 Mar 2025  06:38 pm
Operator  : sv119:jjw
Sample    : L2512368-04,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 30   Sample Multiplier: 1

Quant Time: Mar 12 10:58:23 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.214  152    345944   4000.000 ng/ml    0.00
   Standard Area 1 = 325676               Recovery   =  106.22%
 9) Naphthalene-d8              2.863  136   1313458   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929               Recovery   =  107.14%
18) Acenaphthene-d10            3.827  164    712475   4000.000 ng/ml    0.00
   Standard Area 1 = 688151               Recovery   =  103.53%
23) Phenanthrene-d10            4.666  188   1314937   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915               Recovery   =   93.20%
33) Chrysene-d12                6.245  240   1183245   4000.000 ng/ml    0.00
   Standard Area 1 = 1283861               Recovery   =   92.16%
38) Perylene-d12                7.431  264   1279678   4000.000 ng/ml    0.00
   Standard Area 1 = 1327611               Recovery   =   96.39%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.685  112     41591   448.703 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   22.44%
 4) Phenol-d6                   2.080   99     50709M3   438.317 ng/ml   0.04

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   21.92%
 8) Nitrobenzene-d5             2.492   82     80163   714.549 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   71.45%
14) 2-Fluorobiphenyl            3.452  172    210285   656.566 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   65.66%
22) 2,4,6-Tribromophenol        4.280  330     23053   741.352 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   37.07%
32) 4-Terphenyl-d14             5.597  244    222248   681.313 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   68.13%

 Target Compounds                                                Qvalue
 7) Hexachloroethane            0.000                0       N.D. d
10) Naphthalene                 0.000                0       N.D. d
11) Hexachlorobutadiene         0.000                0       N.D.
12) 2-Methylnaphthalene         0.000                0       N.D. d
15) 2-Chloronaphthalene         0.000                0       N.D. d
17) Acenaphthylene              0.000                0       N.D. d
19) Acenaphthene                0.000                0       N.D. d
21) Fluorene                    0.000                0       N.D. d
25) Hexachlorobenzene           0.000                0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-04.D
Acq On : 11 Mar 2025 06:38 pm
Operator : sv119:jjw
Sample : L2512368-04,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 12 10:58:23 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D. d	
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

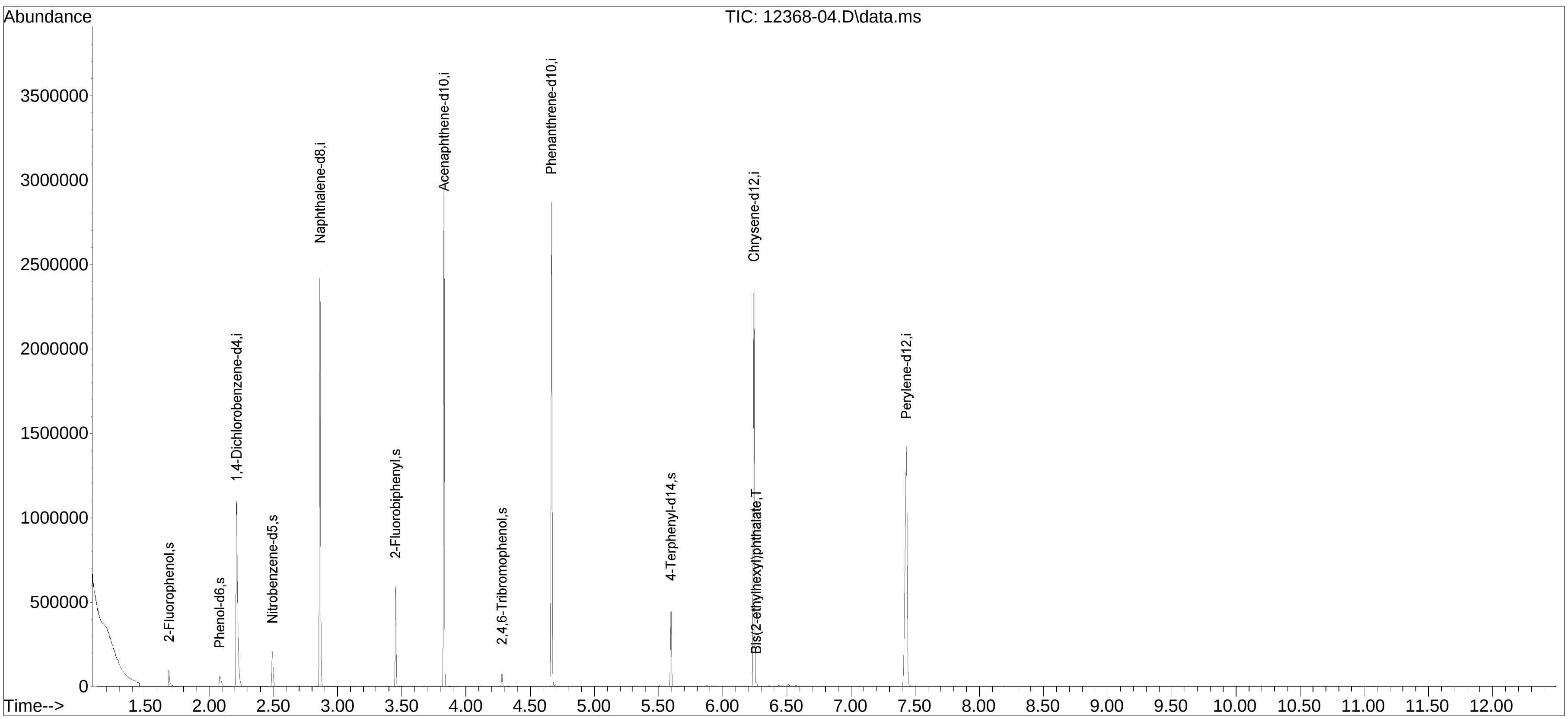
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-04.D
Acq On   : 11 Mar 2025 06:38 pm
Operator : sv119:jjw
Sample   : L2512368-04,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 30   Sample Multiplier: 1

Quant Time: Mar 12 10:58:23 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

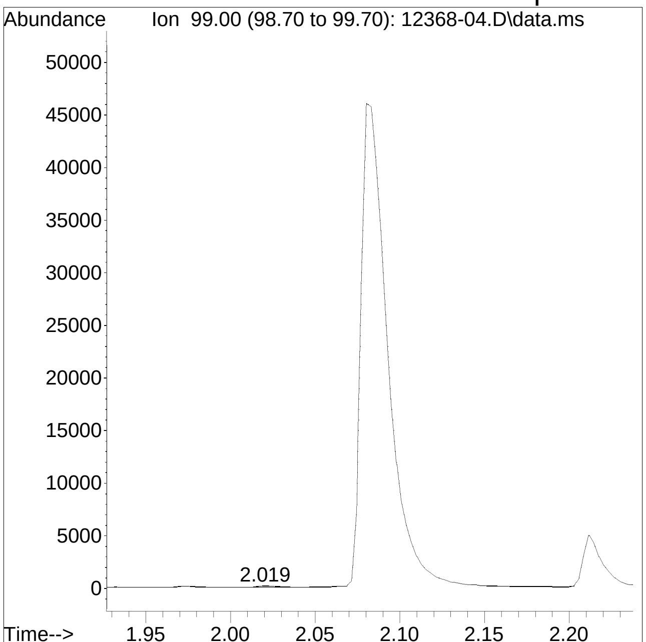
Sub List   : DEFAULT - All compounds listedT\ccv0311b.D•

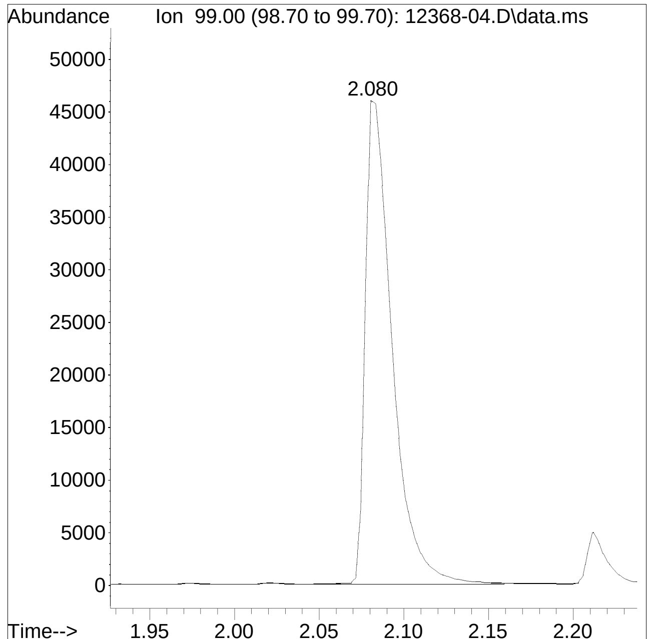


Manual Integration Report

Data Path	: I:\8270SIM\sv119\250311bRVQ	Method	: SIM-RVT_241229_sv119.M
Data File	: 12368-04.D	Operator	: sv119:jjw
Date Inj'd	: 3/11/2025 6:38 pm	Instrument	: SV119
Sample	: L2512368-04,32,,kmh	Quant Date	: 3/11/2025 6:52 pm

Compound #4: Phenol-d6





Original Peak Response = 102 Manual Peak Response = 50709 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-05.D
Acq On    : 11 Mar 2025  06:55 pm
Operator  : sv119:jjw
Sample    : L2512368-05,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 31   Sample Multiplier: 1

Quant Time: Mar 12 11:02:25 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.211  152    339481   4000.000 ng/ml    0.00
   Standard Area 1 = 325676                Recovery   =  104.24%
 9) Naphthalene-d8              2.862  136   1302863   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929                Recovery   =  106.28%
18) Acenaphthene-d10            3.827  164    724985   4000.000 ng/ml    0.00
   Standard Area 1 = 688151                Recovery   =  105.35%
23) Phenanthrene-d10            4.665  188   1343794   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915                Recovery   =   95.24%
33) Chrysene-d12                6.245  240   1175137   4000.000 ng/ml    0.00
   Standard Area 1 = 1283861                Recovery   =   91.53%
38) Perylene-d12                7.433  264   1284540   4000.000 ng/ml    0.00
   Standard Area 1 = 1327611                Recovery   =   96.76%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.684  112     47074   517.525 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   25.88%
 4) Phenol-d6                   2.077   99     51377M1   452.546 ng/ml   0.04

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   22.63%
 8) Nitrobenzene-d5             2.490   82     86386   784.679 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   78.47%
14) 2-Fluorobiphenyl            3.451  172    226825   713.967 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   71.40%
22) 2,4,6-Tribromophenol        4.279  330     25618   809.623 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   40.48%
32) 4-Terphenyl-d14             5.595  244    240051   720.087 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   72.01%

 Target Compounds                                                Qvalue
 7) Hexachloroethane            0.000                0       N.D. d
10) Naphthalene                 0.000                0       N.D. d
11) Hexachlorobutadiene         0.000                0       N.D.
12) 2-Methylnaphthalene         0.000                0       N.D. d
15) 2-Chloronaphthalene         0.000                0       N.D. d
17) Acenaphthylene              0.000                0       N.D. d
19) Acenaphthene                0.000                0       N.D. d
21) Fluorene                    0.000                0       N.D. d
25) Hexachlorobenzene           0.000                0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-05.D
Acq On : 11 Mar 2025 06:55 pm
Operator : sv119:jjw
Sample : L2512368-05,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 12 11:02:25 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D. d	
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	8.624	276	1383M7	3.955 ng/ml	
43) Dibenzo[a,h]anthracene	8.655	278	1193M6	3.677 ng/ml	
44) Benzo[g,h,i]perylene	8.956	276	1006	3.022 ng/ml	94

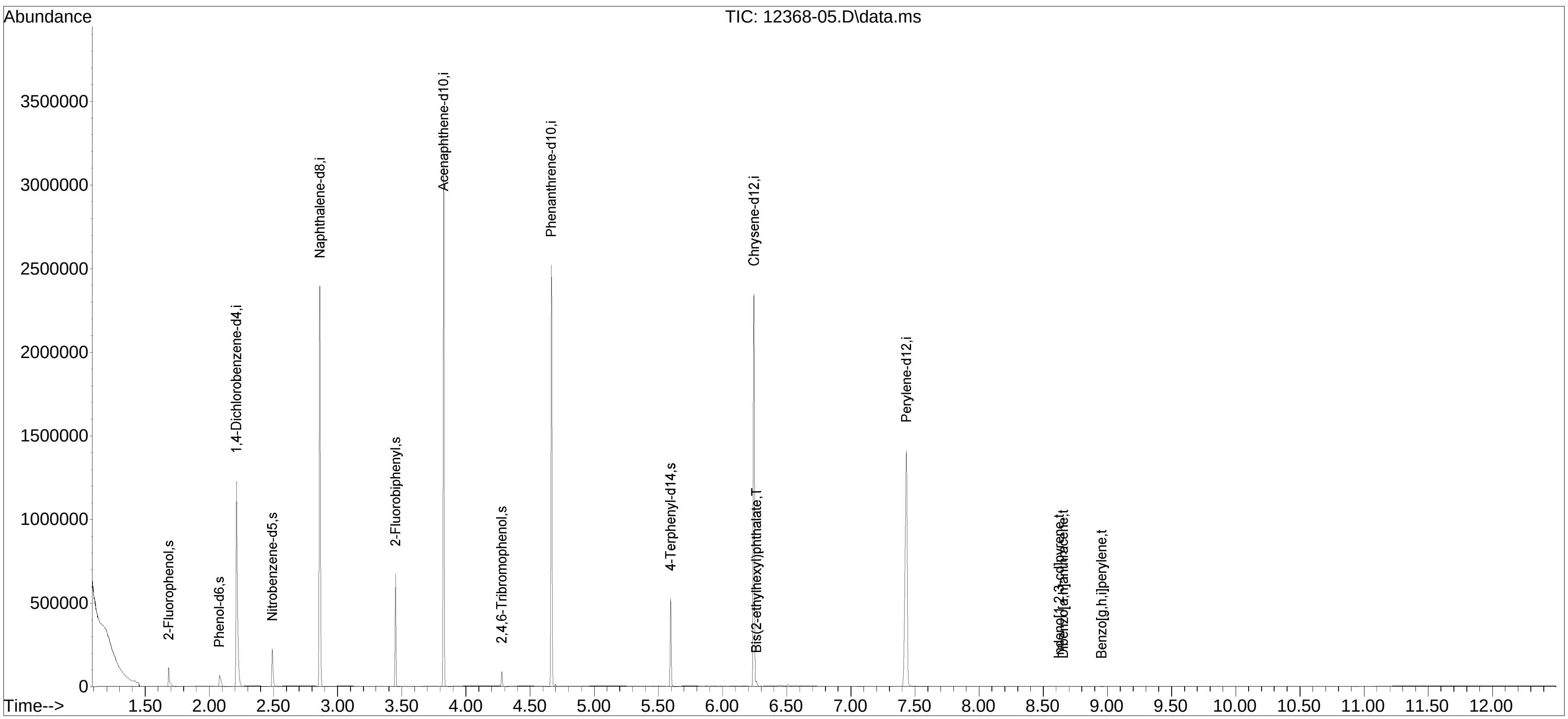
(#) = qualifier out of range (m) = manual integration (+) = signals summed

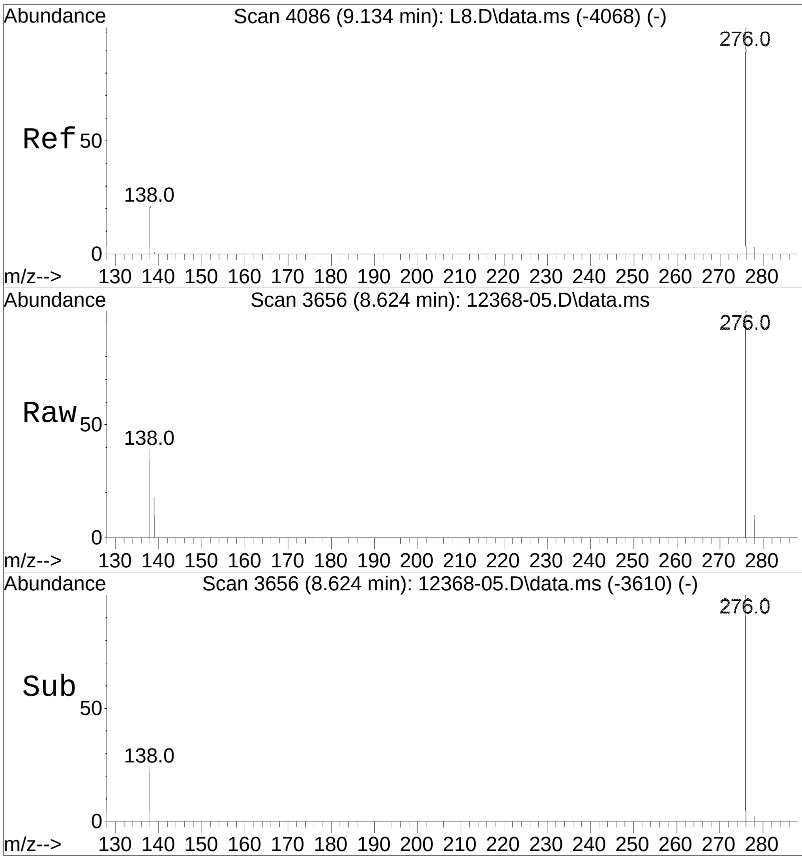
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-05.D
Acq On : 11 Mar 2025 06:55 pm
Operator : sv119:jjw
Sample : L2512368-05,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 12 11:02:25 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedT\ccv0311b.D•

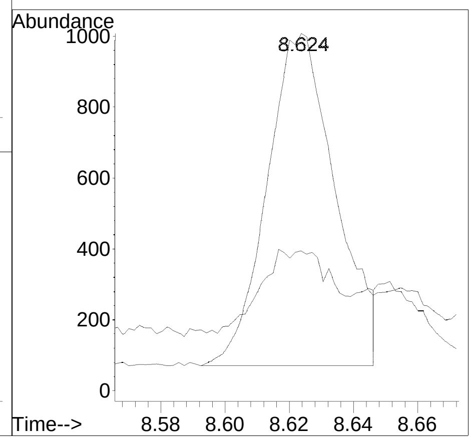


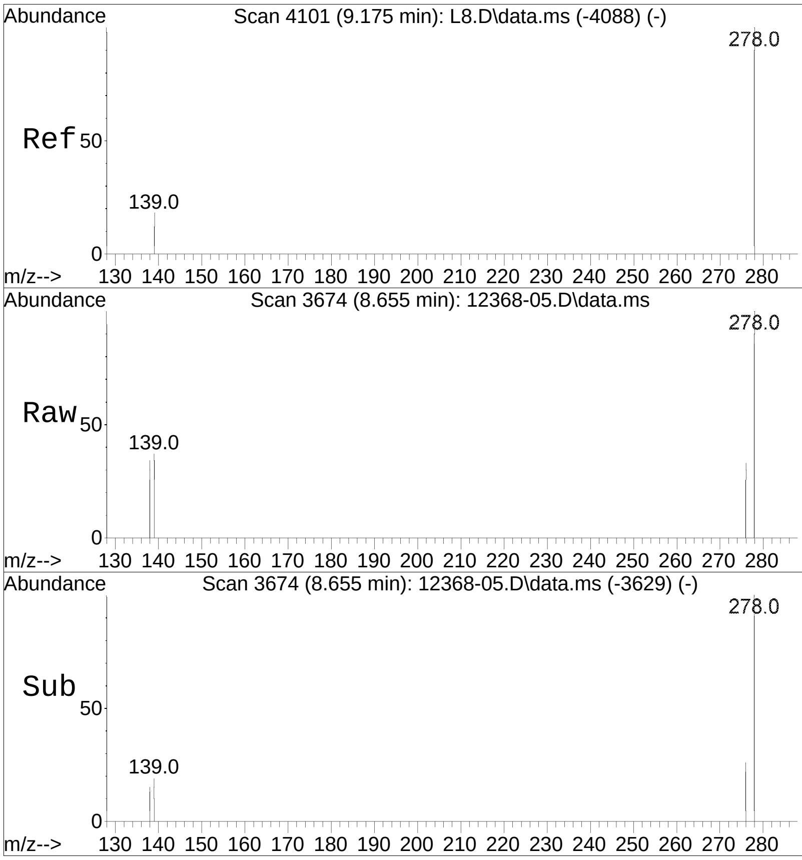


#42
Indeno[1,2,3-cd]pyrene
Concen: 3.95 ng/ml M7
RT: 8.624 min Scan# 3656
Delta R.T. -0.000 min
Lab File: 12368-05.D
Acq: 11 Mar 2025 06:55 pm

Tgt Ion:276 Resp: 1383

Ion	Ratio	Lower	Upper
276	100		
138	25.2	16.9	25.3

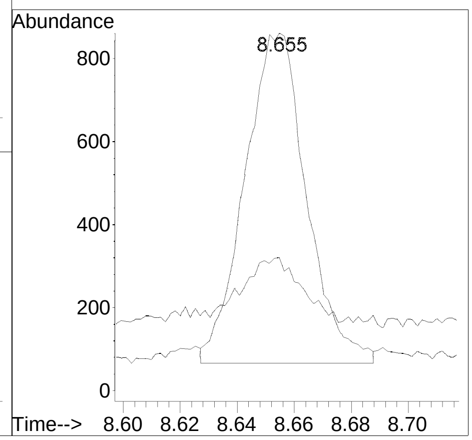


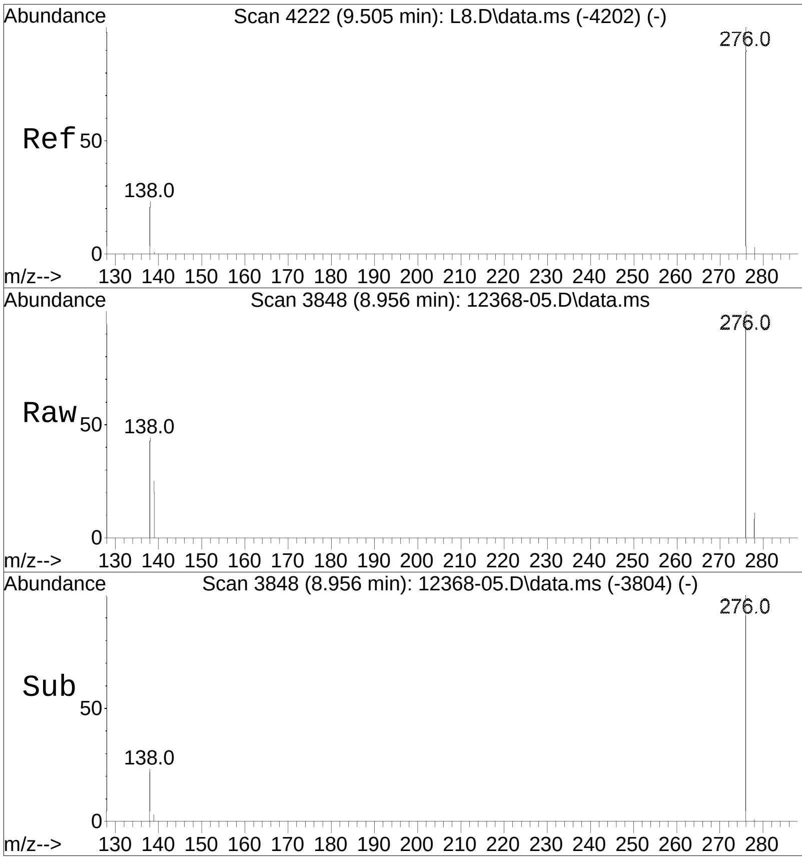


#43
Dibenzo[a,h]anthracene
Concen: 3.68 ng/ml M6
RT: 8.655 min Scan# 3674
Delta R.T. -0.002 min
Lab File: 12368-05.D
Acq: 11 Mar 2025 06:55 pm

Tgt Ion:278 Resp: 1193

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.6	22.0

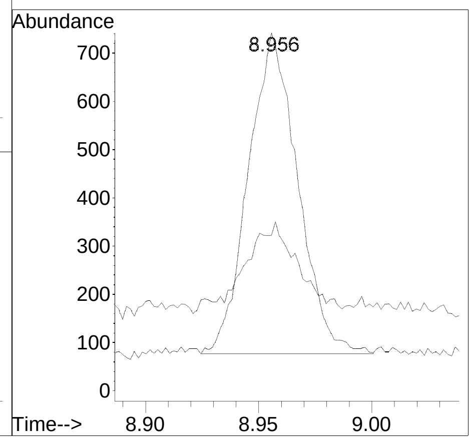




#44
Benzo[g,h,i]perylene
Concen: 3.02 ng/ml
RT: 8.956 min Scan# 3848
Delta R.T. -0.004 min
Lab File: 12368-05.D
Acq: 11 Mar 2025 06:55 pm

Tgt Ion:276 Resp: 1006

Ion	Ratio	Lower	Upper
276	100		
138	26.2	18.6	28.0

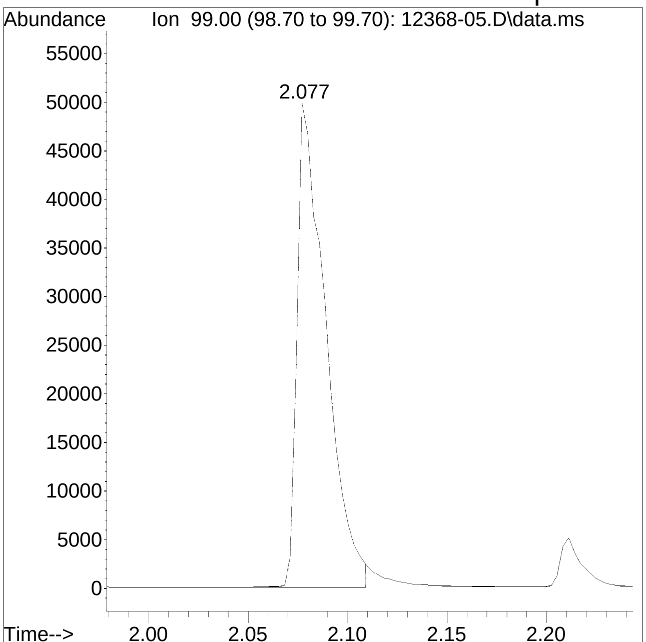


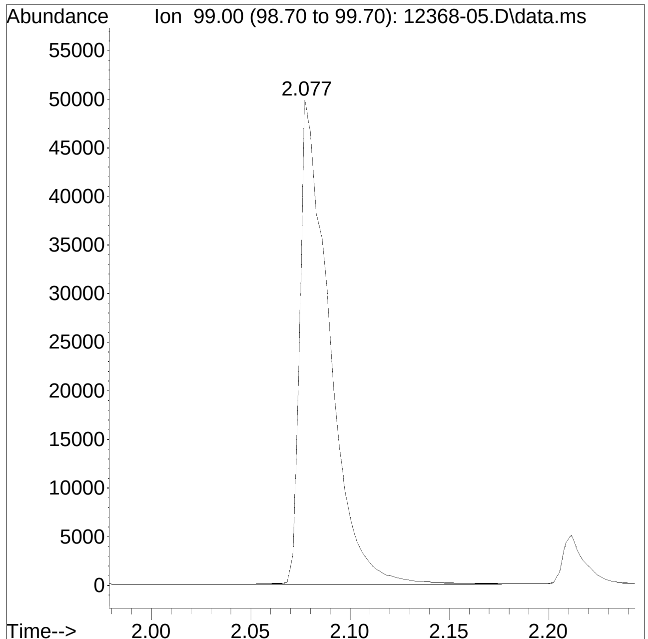
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 12368-05.D
Date Inj'd : 3/11/2025 6:55 pm
Sample : L2512368-05,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/11/2025 7:09 pm

Compound #4: Phenol-d6





Original Peak Response = 49856

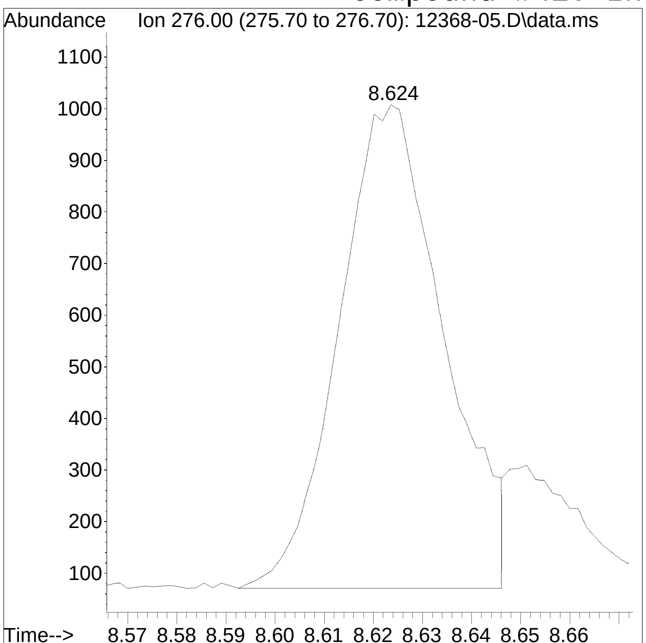
Manual Peak Response = 51377 M1

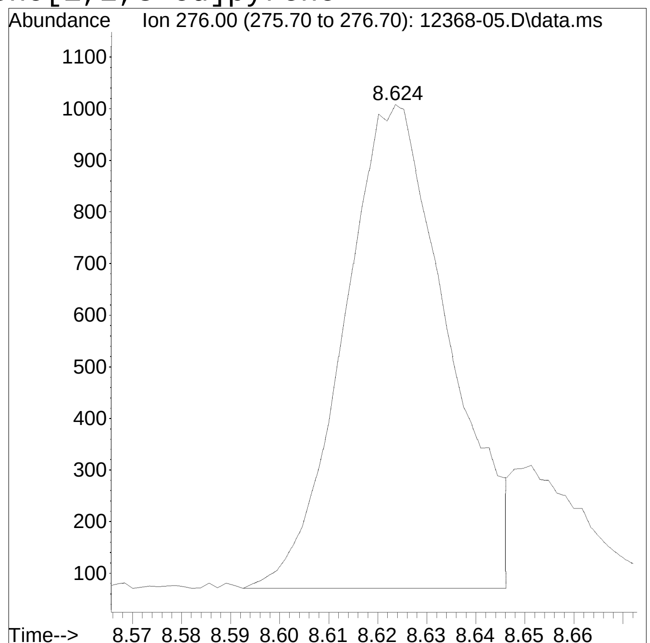
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250311bRVQMethod     : SIM-RVT_241229_sv119.M
Data File   : 12368-05.D                  Operator    : sv119:jjw
Date Inj'd  : 3/11/2025  6:55 pm          Instrument  : SV119
Sample      : L2512368-05,32,,kmh         Quant Date  : 3/11/2025  7:09 pm
```

Compound #42: Indeno[1,2,3-cd]pyrene





Original Peak Response = 1383   Manual Peak Response = 1383 M7

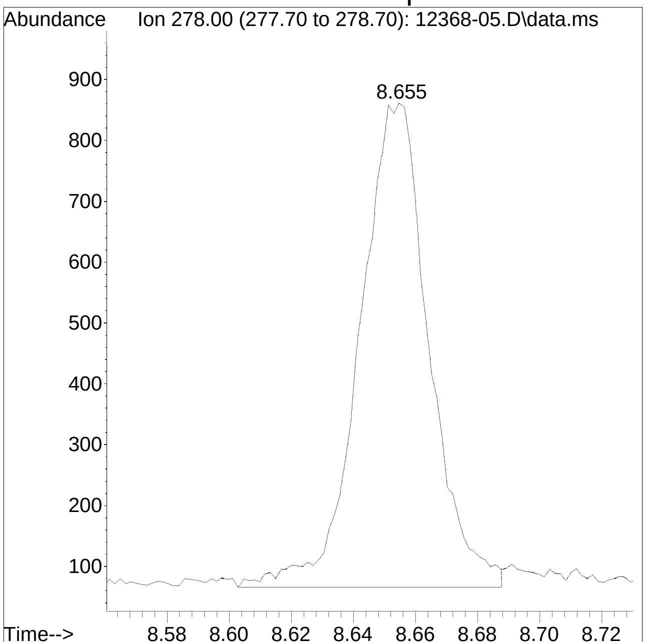
M7 = A qualifier ion was manually integrated (only for GC/MS data).

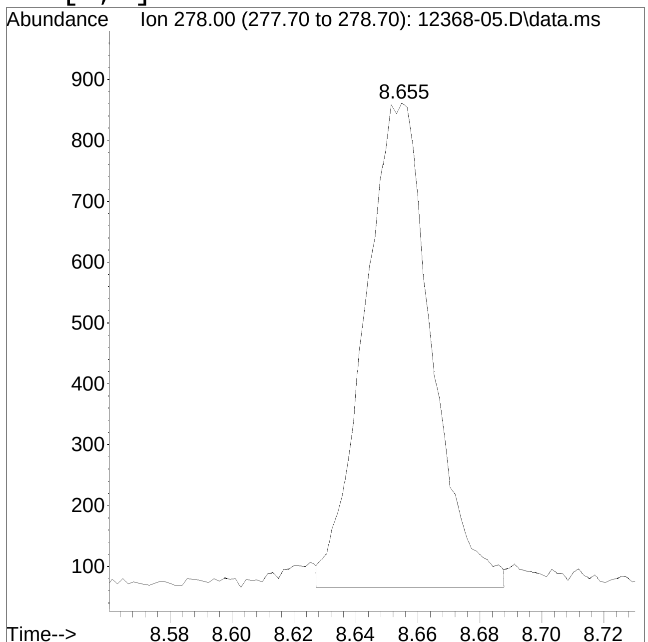
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 12368-05.D
Date Inj'd : 3/11/2025 6:55 pm
Sample : L2512368-05,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/11/2025 7:09 pm

Compound #43: Dibenzo[a,h]anthracene





Original Peak Response = 1229
Manual Peak Response = 1193 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-07.D
Acq On    : 11 Mar 2025  07:12 pm
Operator  : sv119:jjw
Sample    : L2512368-07,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 32   Sample Multiplier: 1

Quant Time: Mar 12 11:02:36 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

       Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4       2.211  152    354455   4000.000 ng/ml    0.00
   Standard Area 1 = 325676                 Recovery   =  108.84%
 9) Naphthalene-d8               2.862  136   1354244   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929                 Recovery   =  110.47%
18) Acenaphthene-d10             3.827  164    743083   4000.000 ng/ml    0.00
   Standard Area 1 = 688151                 Recovery   =  107.98%
23) Phenanthrene-d10             4.669  188   1346376   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915                 Recovery   =   95.43%
33) Chrysene-d12                 6.244  240   1188730   4000.000 ng/ml    0.00
   Standard Area 1 = 1283861                 Recovery   =   92.59%
38) Perylene-d12                 7.433  264   1318030   4000.000 ng/ml    0.00
   Standard Area 1 = 1327611                 Recovery   =   99.28%

 System Monitoring Compounds
 3) 2-Fluorophenol               1.685  112     69014   726.677 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   36.33%
 4) Phenol-d6                    2.080   99     68707M1   579.628 ng/ml   0.04

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   28.98%
 8) Nitrobenzene-d5              2.492   82     96338   838.109 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   83.81%
14) 2-Fluorobiphenyl             3.451  172    250487   758.533 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   75.85%
22) 2,4,6-Tribromophenol         4.279  330     39906   1230.459 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   61.52%
32) 4-Terphenyl-d14              5.595  244    248127   742.885 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   74.29%

 Target Compounds                                                  Qvalue
 7) Hexachloroethane             0.000                 0       N.D. d
10) Naphthalene                  0.000                 0       N.D. d
11) Hexachlorobutadiene          0.000                 0       N.D.
12) 2-Methylnaphthalene          0.000                 0       N.D. d
15) 2-Chloronaphthalene          0.000                 0       N.D. d
17) Acenaphthylene               0.000                 0       N.D. d
19) Acenaphthene                 0.000                 0       N.D. d
21) Fluorene                     0.000                 0       N.D. d
25) Hexachlorobenzene            0.000                 0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-07.D
Acq On : 11 Mar 2025 07:12 pm
Operator : sv119:jjw
Sample : L2512368-07,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 12 11:02:36 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D. d	
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

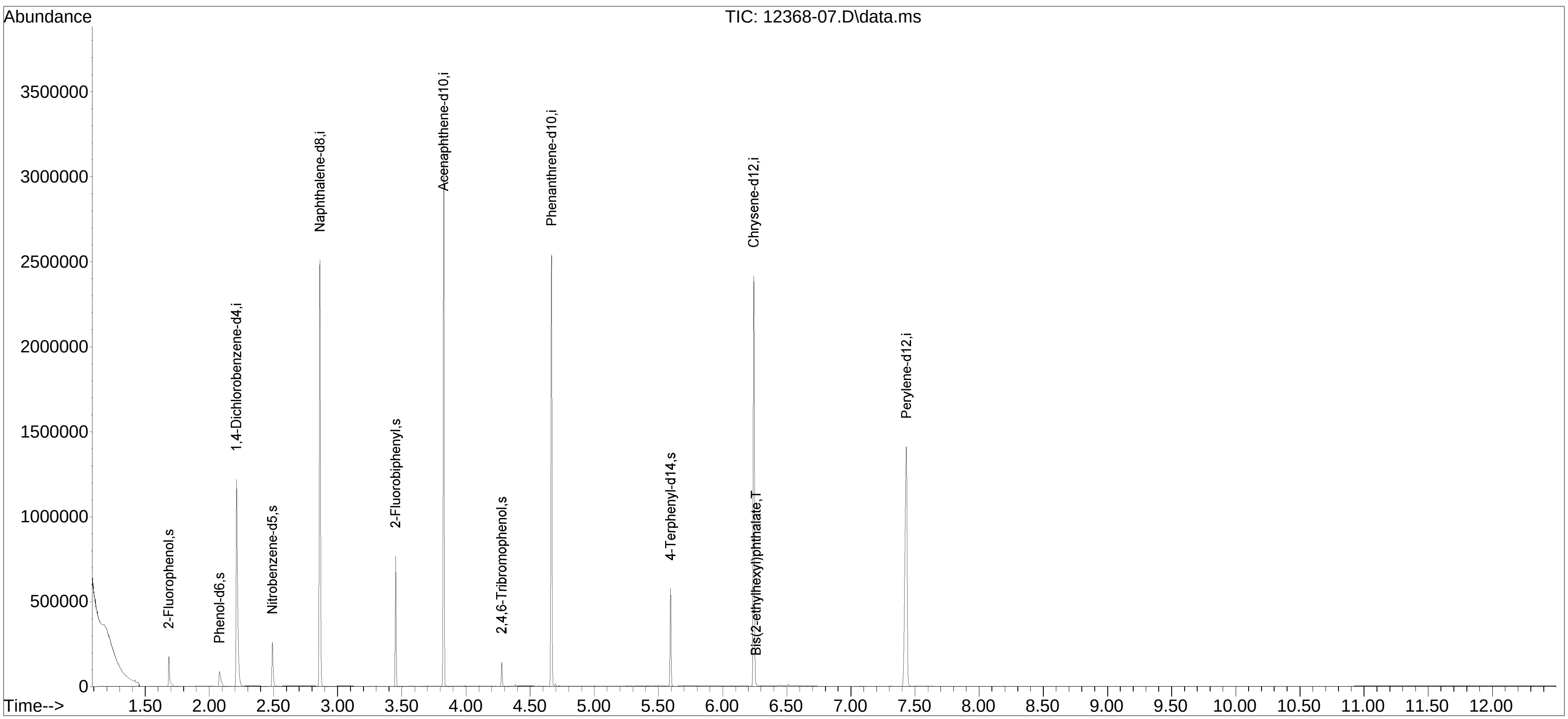
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-07.D
Acq On   : 11 Mar 2025 07:12 pm
Operator : sv119:jjw
Sample   : L2512368-07,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 32   Sample Multiplier: 1

Quant Time: Mar 12 11:02:36 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

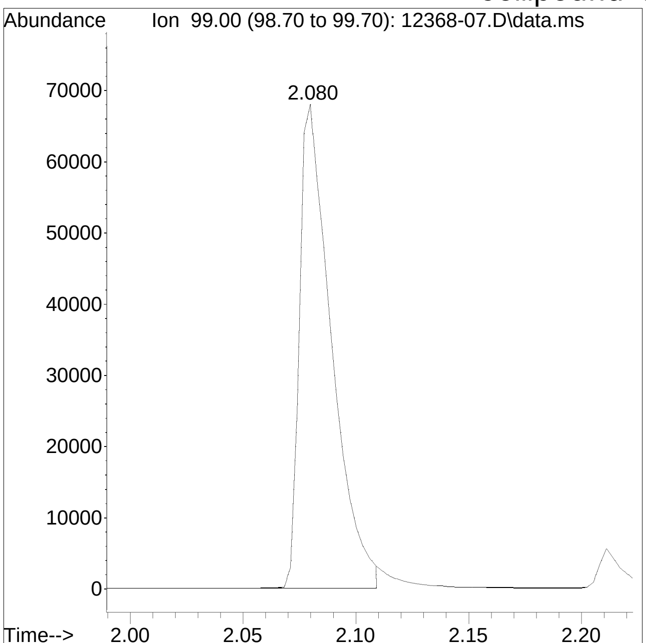
Sub List   : DEFAULT - All compounds listedT\ccv0311b.D•

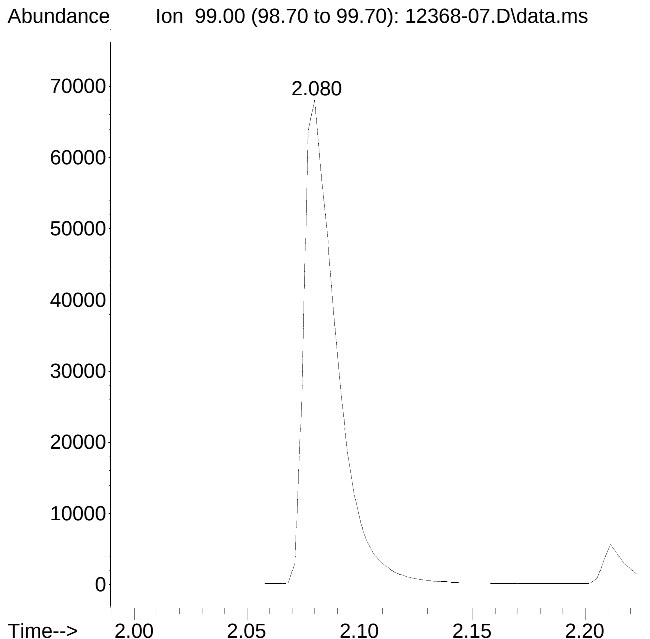


Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250311bRVQMethod     : SIM-RVT_241229_sv119.M
Data File   : 12368-07.D                  Operator    : sv119:jjw
Date Inj'd  : 3/11/2025  7:12 pm          Instrument  : SV119
Sample      : L2512368-07,32,,kmh         Quant Date  : 3/11/2025  7:26 pm
```

Compound #4: Phenol-d6





Original Peak Response = 66804   Manual Peak Response = 68707 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-08.D
Acq On    : 11 Mar 2025  07:29 pm
Operator  : sv119:jjw
Sample    : L2512368-08,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 33   Sample Multiplier: 1

Quant Time: Mar 12 11:02:52 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

       Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.214  152    372921   4000.000 ng/ml    0.00
   Standard Area 1 = 325676                 Recovery   =  114.51%
 9) Naphthalene-d8              2.863  136   1410766   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929                 Recovery   =  115.08%
18) Acenaphthene-d10            3.827  164    778155   4000.000 ng/ml    0.00
   Standard Area 1 = 688151                 Recovery   =  113.08%
23) Phenanthrene-d10            4.666  188   1463493   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915                 Recovery   =  103.73%
33) Chrysene-d12                6.245  240   1332955   4000.000 ng/ml    0.00
   Standard Area 1 = 1283861                 Recovery   =  103.82%
38) Perylene-d12                7.431  264   1399040   4000.000 ng/ml    0.00
   Standard Area 1 = 1327611                 Recovery   =  105.38%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.687  112     25162   251.822 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   12.59%#
 4) Phenol-d6                   2.080   99     43044M6   345.148 ng/ml   0.04

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   17.26%
 8) Nitrobenzene-d5             2.492   82     92853   767.791 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   76.78%
14) 2-Fluorobiphenyl            3.452  172    242855   705.957 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   70.60%
22) 2,4,6-Tribromophenol        4.280  330     14254   419.698 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   20.98%
32) 4-Terphenyl-d14             5.597  244    265726   731.910 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   73.19%

 Target Compounds                                                  Qvalue
 7) Hexachloroethane            0.000                 0       N.D. d
10) Naphthalene                 0.000                 0       N.D. d
11) Hexachlorobutadiene         0.000                 0       N.D.
12) 2-Methylnaphthalene         0.000                 0       N.D. d
15) 2-Chloronaphthalene         0.000                 0       N.D. d
17) Acenaphthylene              0.000                 0       N.D.
19) Acenaphthene                0.000                 0       N.D. d
21) Fluorene                    0.000                 0       N.D. d
25) Hexachlorobenzene           0.000                 0       N.D. d
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-08.D
Acq On   : 11 Mar 2025 07:29 pm
Operator : sv119:jjw
Sample   : L2512368-08,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 33   Sample Multiplier: 1

Quant Time: Mar 12 11:02:52 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List   : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D.	d	
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	0.000		0	N.D.	d	
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	0.000		0	N.D.	d	
34) Benzo[a]anthracene	0.000		0	N.D.	d	
36) Chrysene	0.000		0	N.D.	d	
39) Benzo[b]fluoranthene	0.000		0	N.D.	d	
40) Benzo[k]fluoranthene	0.000		0	N.D.	d	
41) Benzo[a]pyrene	0.000		0	N.D.	d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
44) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

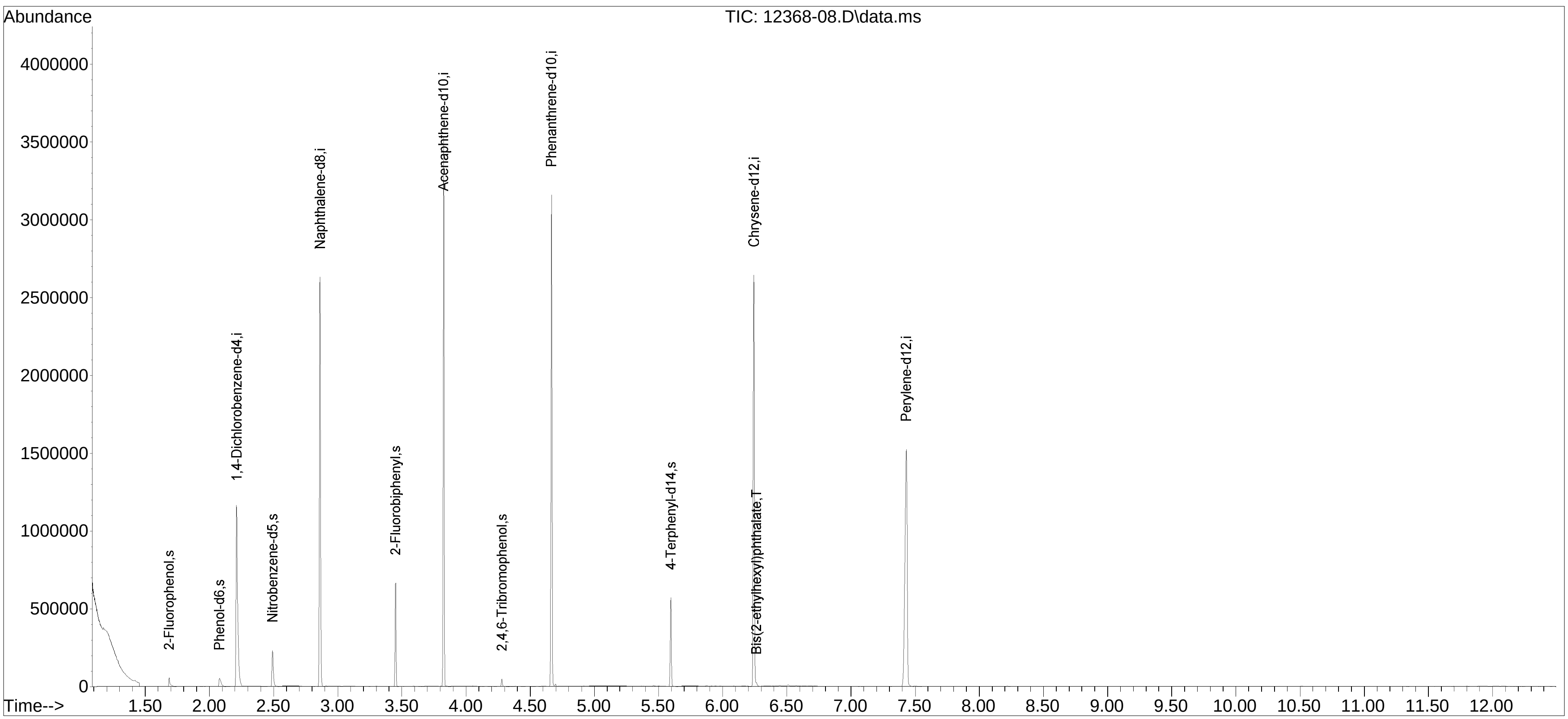
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-08.D
Acq On   : 11 Mar 2025 07:29 pm
Operator : sv119:jjw
Sample   : L2512368-08,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 33   Sample Multiplier: 1

Quant Time: Mar 12 11:02:52 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listedT\ccv0311b.D•

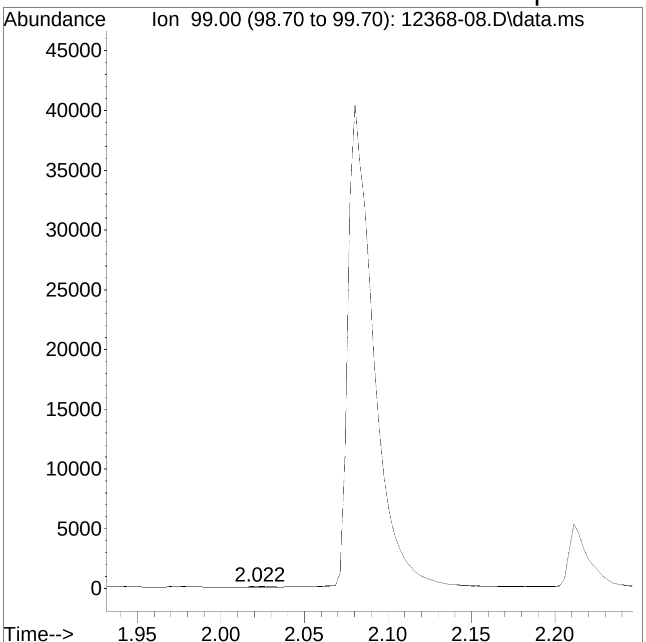


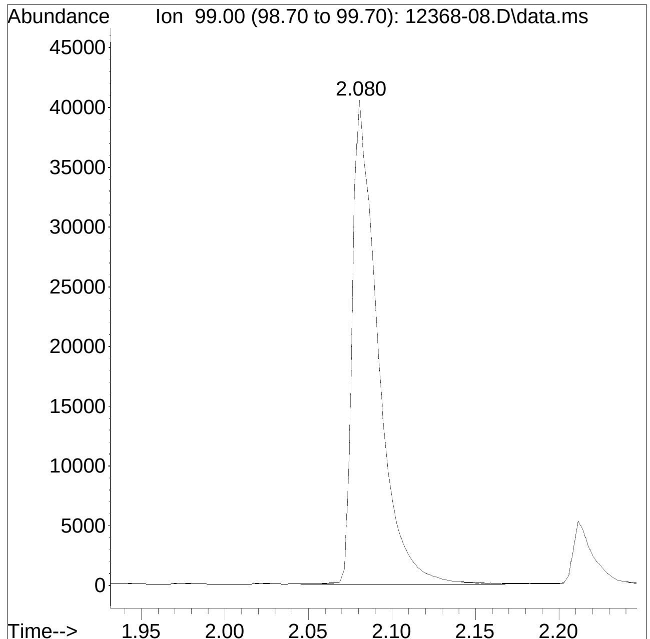
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 12368-08.D
Date Inj'd : 3/11/2025 7:29 pm
Sample : L2512368-08,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/11/2025 7:43 pm

Compound #4: Phenol-d6





Original Peak Response = 52

Manual Peak Response = 43044 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-10.D
Acq On    : 11 Mar 2025  08:19 pm
Operator  : sv119:jjw
Sample    : L2512368-10,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 36   Sample Multiplier: 1

Quant Time: Mar 12 11:03:04 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.211  152    352657   4000.000 ng/ml    0.00
   Standard Area 1 = 325676              Recovery   =  108.28%
 9) Naphthalene-d8              2.861  136   1341457   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929              Recovery   =  109.42%
18) Acenaphthene-d10            3.827  164    744293   4000.000 ng/ml    0.00
   Standard Area 1 = 688151              Recovery   =  108.16%
23) Phenanthrene-d10            4.665  188   1326327   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915              Recovery   =   94.00%
33) Chrysene-d12                6.244  240   1142207   4000.000 ng/ml    0.00
   Standard Area 1 = 1283861              Recovery   =   88.97%
38) Perylene-d12                7.428  264   1244846   4000.000 ng/ml    0.00
   Standard Area 1 = 1327611              Recovery   =   93.77%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.682  112     37688   398.856 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   19.94%
 4) Phenol-d6                   2.077   99     49690M1   421.333 ng/ml   0.04

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   21.07%
 8) Nitrobenzene-d5             2.490   82     80596   704.734 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   70.47%
14) 2-Fluorobiphenyl            3.448  172    209434   640.260 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   64.03%
22) 2,4,6-Tribromophenol        4.280  330     18051   555.679 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   27.78%
32) 4-Terphenyl-d14             5.595  244    202700   616.052 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   61.61%

 Target Compounds                                                 Qvalue
 7) Hexachloroethane            0.000                0       N.D. d
10) Naphthalene                 0.000                0       N.D. d
11) Hexachlorobutadiene         0.000                0       N.D.
12) 2-Methylnaphthalene         0.000                0       N.D. d
15) 2-Chloronaphthalene         0.000                0       N.D. d
17) Acenaphthylene              0.000                0       N.D. d
19) Acenaphthene                0.000                0       N.D. d
21) Fluorene                    0.000                0       N.D. d
25) Hexachlorobenzene           0.000                0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-10.D
Acq On : 11 Mar 2025 08:19 pm
Operator : sv119:jjw
Sample : L2512368-10,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 12 11:03:04 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D. d	
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

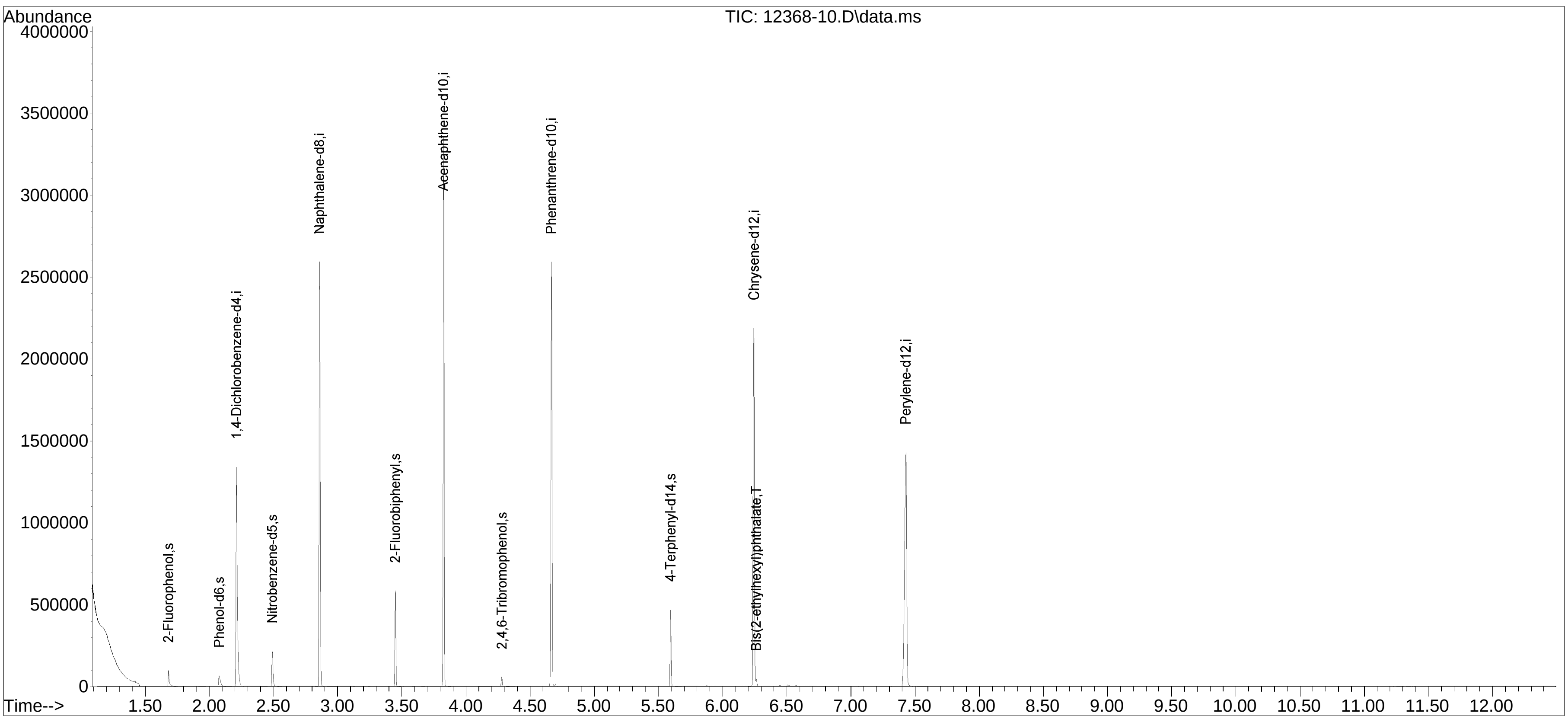
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-10.D
Acq On   : 11 Mar 2025 08:19 pm
Operator : sv119:jjw
Sample   : L2512368-10,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 36   Sample Multiplier: 1

Quant Time: Mar 12 11:03:04 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

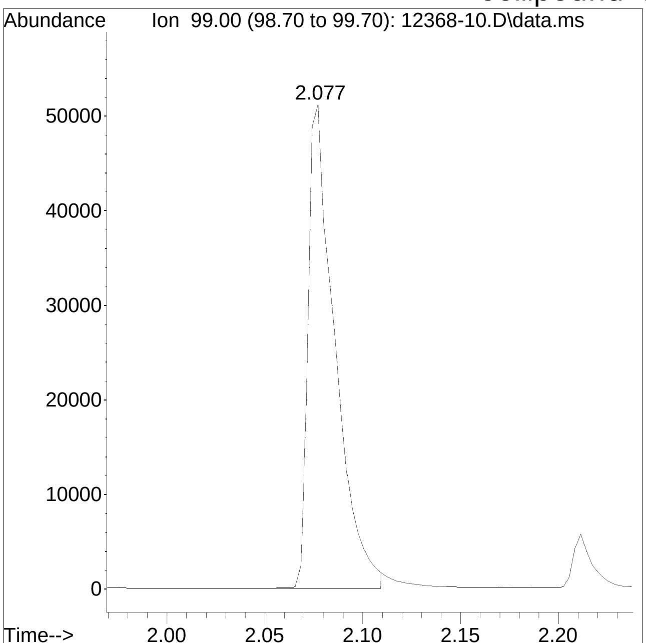
Sub List   : DEFAULT - All compounds listedT\ccv0311b.D•

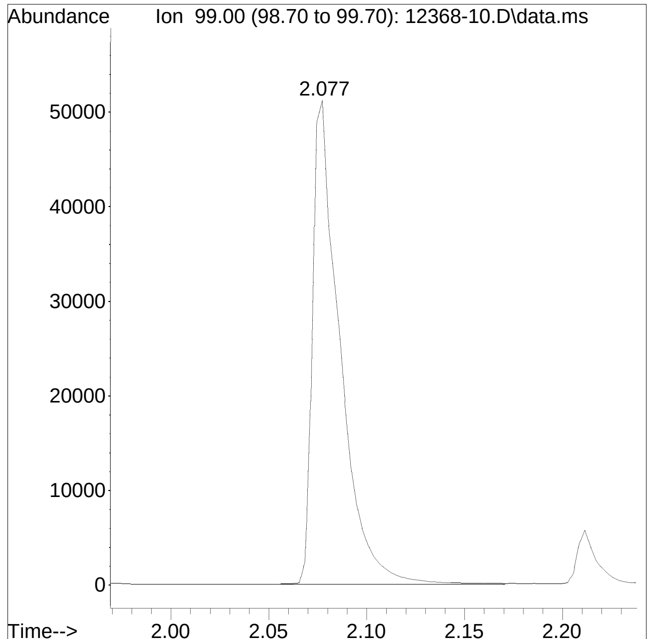


Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\250311bRVQMethod     : SIM-RVT_241229_sv119.M
Data File    : 12368-10.D                  Operator    : sv119:jjw
Date Inj'd   : 3/11/2025  8:19 pm          Instrument  : SV119
Sample       : L2512368-10,32,,kmh         Quant Date  : 3/11/2025  8:33 pm
```

Compound #4: Phenol-d6





Original Peak Response = 48528   Manual Peak Response = 49690 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-11.D
Acq On    : 11 Mar 2025  08:36 pm
Operator  : sv119:jjw
Sample    : L2512368-11,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 37   Sample Multiplier: 1

Quant Time: Mar 12 11:03:23 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.211  152    338044   4000.000 ng/ml    0.00
   Standard Area 1 = 325676                Recovery   =  103.80%
 9) Naphthalene-d8              2.861  136   1291645   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929                Recovery   =  105.36%
18) Acenaphthene-d10            3.827  164    701999   4000.000 ng/ml    0.00
   Standard Area 1 = 688151                Recovery   =  102.01%
23) Phenanthrene-d10            4.665  188   1283203   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915                Recovery   =   90.95%
33) Chrysene-d12                6.244  240   1119299   4000.000 ng/ml    0.00
   Standard Area 1 = 1283861                Recovery   =   87.18%
38) Perylene-d12                7.429  264   1208964   4000.000 ng/ml    0.00
   Standard Area 1 = 1327611                Recovery   =   91.06%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.682  112     67116   741.000 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   37.05%
 4) Phenol-d6                   2.077   99     68530M1   606.201 ng/ml   0.04

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   30.31%
 8) Nitrobenzene-d5             2.490   82     95424   870.459 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   87.05%
14) 2-Fluorobiphenyl            3.451  172    248145   787.859 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   78.79%
22) 2,4,6-Tribromophenol        4.280  330     35558   1160.559 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   58.03%
32) 4-Terphenyl-d14             5.595  244    257520   808.965 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   80.90%

 Target Compounds                                                 Qvalue
 7) Hexachloroethane            0.000                0       N.D. d
10) Naphthalene                 0.000                0       N.D. d
11) Hexachlorobutadiene         0.000                0       N.D.
12) 2-Methylnaphthalene         0.000                0       N.D. d
15) 2-Chloronaphthalene         0.000                0       N.D. d
17) Acenaphthylene              0.000                0       N.D. d
19) Acenaphthene                0.000                0       N.D. d
21) Fluorene                    0.000                0       N.D. d
25) Hexachlorobenzene           0.000                0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-11.D
Acq On : 11 Mar 2025 08:36 pm
Operator : sv119:jjw
Sample : L2512368-11,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Mar 12 11:03:23 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D. d	
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

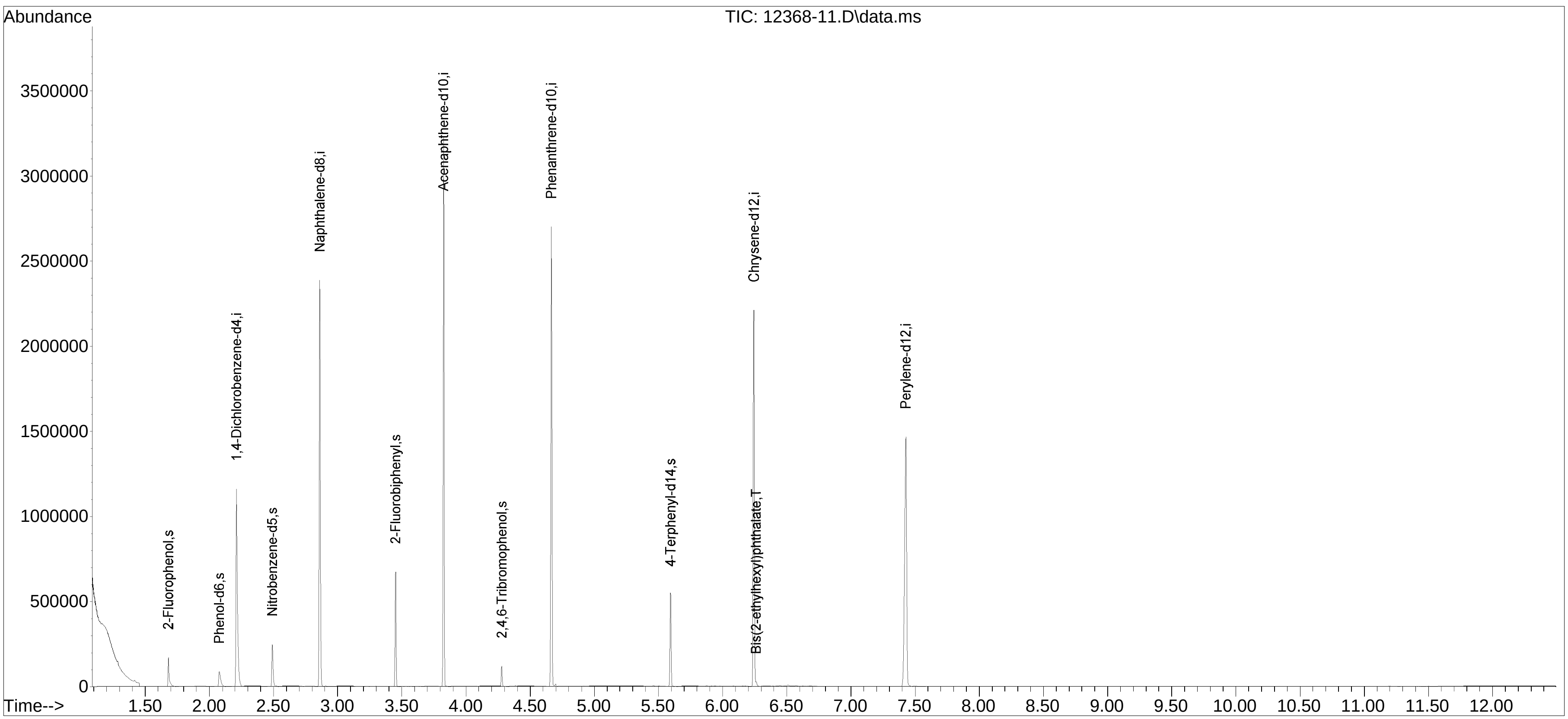
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-11.D
Acq On    : 11 Mar 2025  08:36 pm
Operator  : sv119:jjw
Sample    : L2512368-11,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 37   Sample Multiplier: 1

Quant Time: Mar 12 11:03:23 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

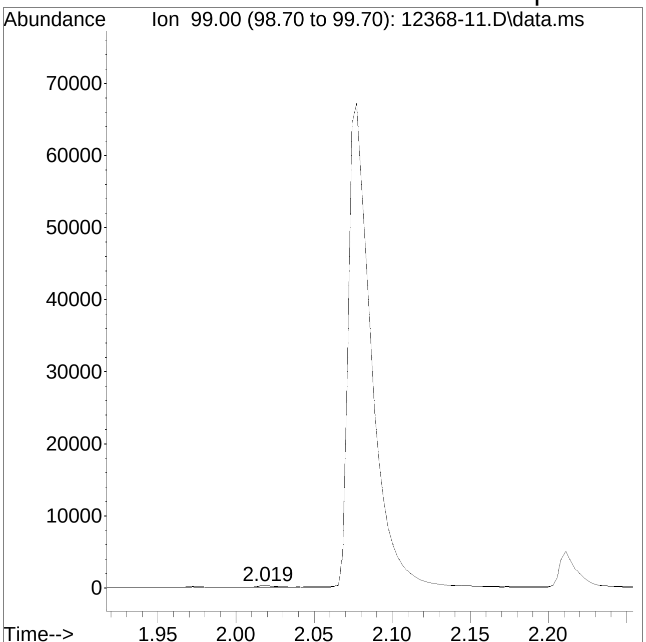
Sub List     : DEFAULT - All compounds listedT\ccv0311b.D•
```

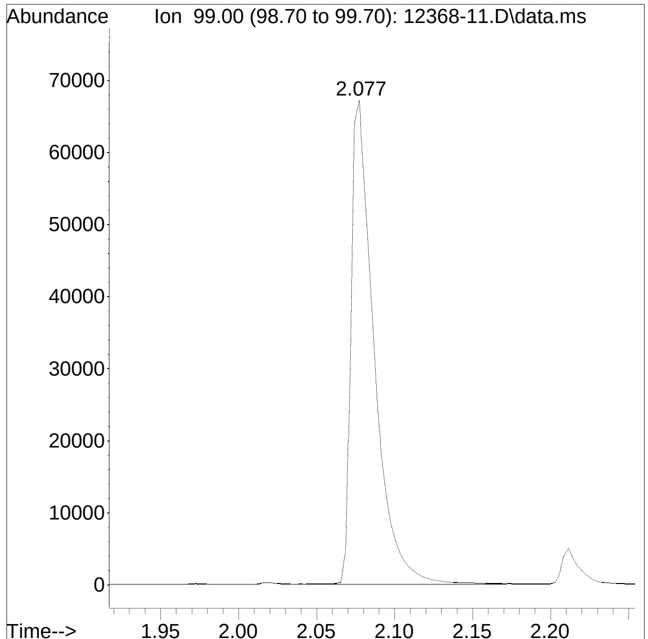


Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Method : SIM-RVT_241229_sv119.M
Data File : 12368-11.D
Operator : sv119:jjw
Date Inj'd : 3/11/2025 8:36 pm
Instrument : SV119
Sample : L2512368-11,32,,kmh
Quant Date : 3/11/2025 8:50 pm

Compound #4: Phenol-d6





Original Peak Response = 168
Manual Peak Response = 68530 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-13.D
Acq On : 11 Mar 2025 08:53 pm
Operator : sv119:jjw
Sample : L2512368-13,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 12 11:03:36 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

```
        Compound                       R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------------
 Internal Standards
  1) 1,4-Dichlorobenzene-d4      2.211  152    343858   4000.000 ng/ml    0.00
    Standard Area 1 = 325676                Recovery   =  105.58%
  9) Naphthalene-d8              2.861  136   1311955   4000.000 ng/ml    0.00
    Standard Area 1 = 1225929                Recovery   =  107.02%
 18) Acenaphthene-d10            3.827  164    726413   4000.000 ng/ml    0.00
    Standard Area 1 = 688151                Recovery   =  105.56%
 23) Phenanthrene-d10            4.664  188   1334467   4000.000 ng/ml    0.00
    Standard Area 1 = 1410915                Recovery   =   94.58%
 33) Chrysene-d12                6.241  240   1138166   4000.000 ng/ml   -0.01
    Standard Area 1 = 1283861                Recovery   =   88.65%
 38) Perylene-d12                7.426  264   1241833   4000.000 ng/ml   -0.01
    Standard Area 1 = 1327611                Recovery   =   93.54%

 System Monitoring Compounds
  3) 2-Fluorophenol              1.682  112     40474   439.301 ng/ml   0.03
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   21.97%
  4) Phenol-d6                   2.074   99     51392M1   446.916 ng/ml   0.03

    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   22.35%
  8) Nitrobenzene-d5             2.490   82     87177   781.784 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   78.18%
 14) 2-Fluorobiphenyl            3.451  172    228505   714.271 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   71.43%
 22) 2,4,6-Tribromophenol        4.279  330     21808   687.858 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   34.39%
 32) 4-Terphenyl-d14             5.592  244    236810   715.330 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   71.53%

 Target Compounds                                                     Qvalue
  7) Hexachloroethane            0.000                    0       N.D. d
 10) Naphthalene                 0.000                    0       N.D. d
 11) Hexachlorobutadiene         0.000                    0       N.D. d
 12) 2-Methylnaphthalene         0.000                    0       N.D. d
 15) 2-Chloronaphthalene         0.000                    0       N.D.
 17) Acenaphthylene              0.000                    0       N.D. d
 19) Acenaphthene                0.000                    0       N.D. d
 21) Fluorene                    0.000                    0       N.D. d
 25) Hexachlorobenzene           0.000                    0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-13.D
Acq On : 11 Mar 2025 08:53 pm
Operator : sv119:jjw
Sample : L2512368-13,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 12 11:03:36 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D.	d	
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	0.000		0	N.D.	d	
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	0.000		0	N.D.	d	
34) Benzo[a]anthracene	0.000		0	N.D.	d	
36) Chrysene	0.000		0	N.D.	d	
39) Benzo[b]fluoranthene	0.000		0	N.D.	d	
40) Benzo[k]fluoranthene	0.000		0	N.D.	d	
41) Benzo[a]pyrene	0.000		0	N.D.	d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
44) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

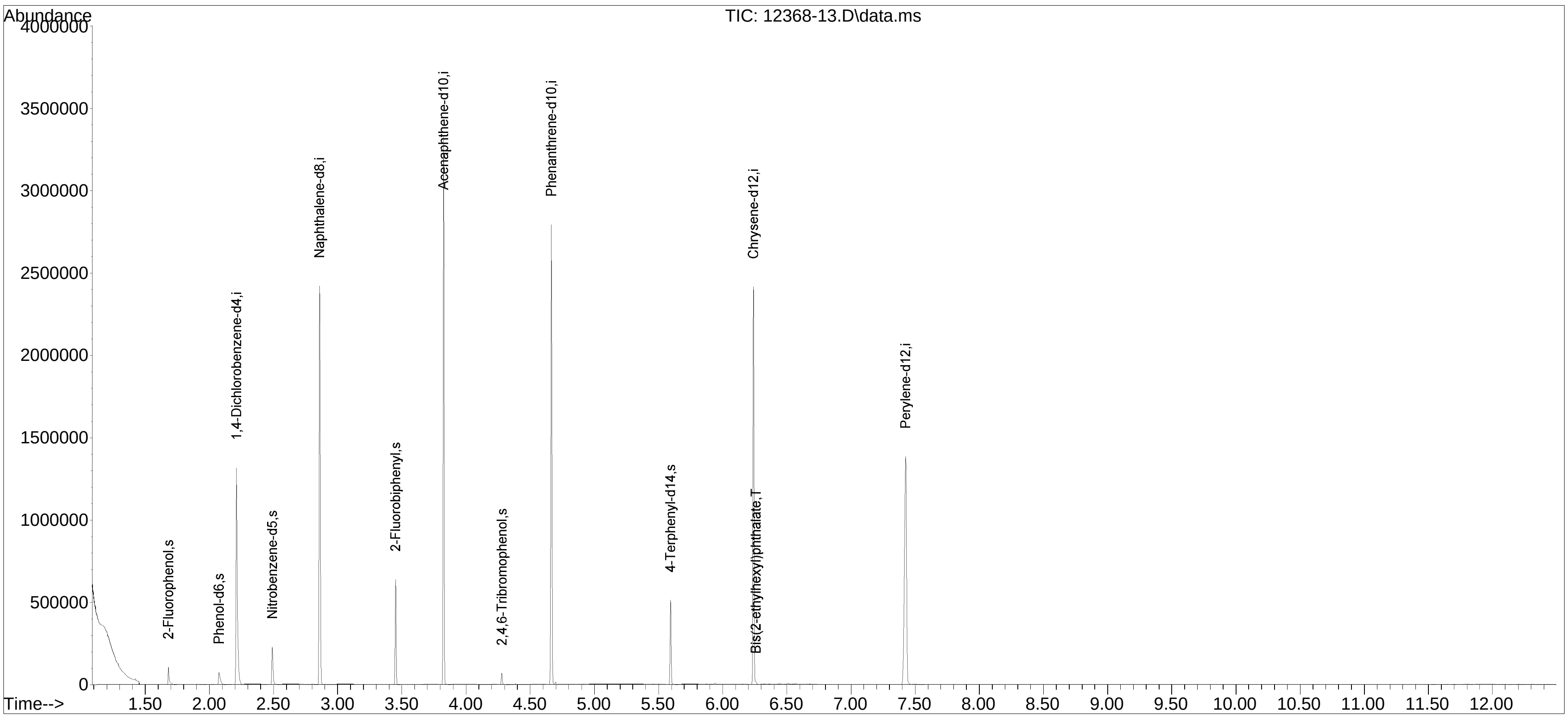
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-13.D
Acq On   : 11 Mar 2025 08:53 pm
Operator : sv119:jjw
Sample   : L2512368-13,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 38   Sample Multiplier: 1

Quant Time: Mar 12 11:03:36 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listedT\ccv0311b.D•

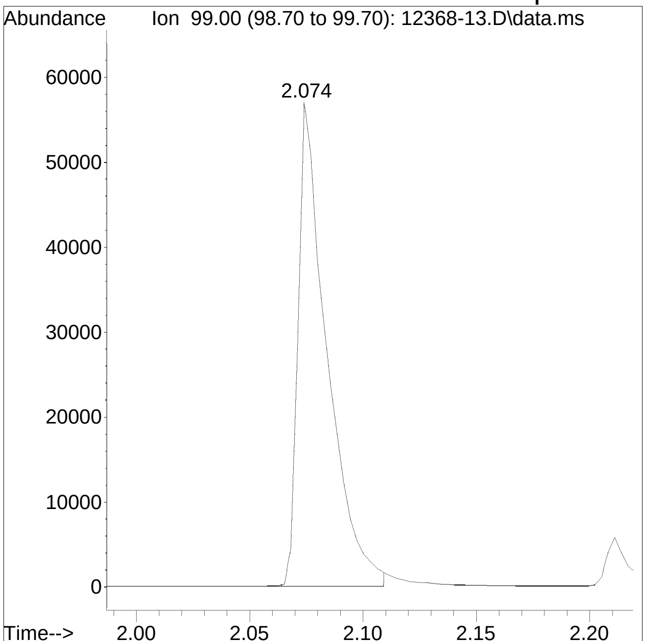


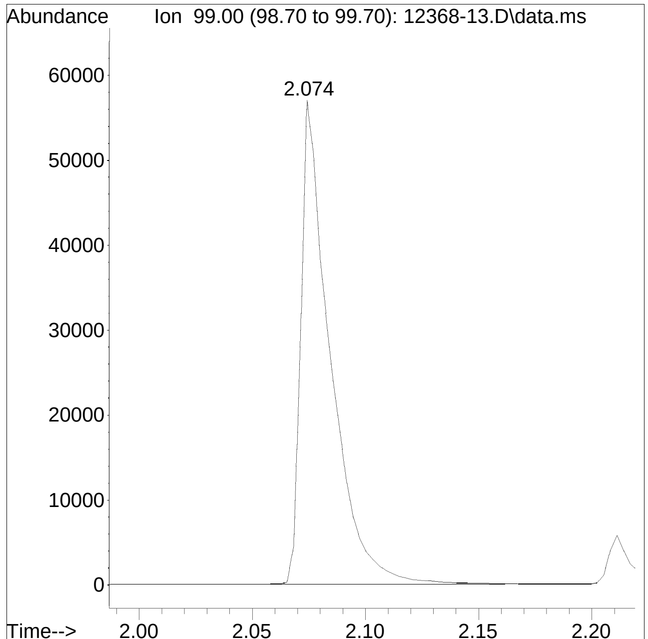
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 12368-13.D
Date Inj'd : 3/11/2025 8:53 pm
Sample : L2512368-13,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/11/2025 9:07 pm

Compound #4: Phenol-d6





Original Peak Response = 50309 Manual Peak Response = 51392 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-14.D
Acq On : 11 Mar 2025 09:10 pm
Operator : sv119:jjw
Sample : L2512368-14,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 12 11:04:22 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.211	152	349303	4000.000	ng/ml	0.00
Standard Area 1 = 325676			Recovery	= 107.25%		
9) Naphthalene-d8	2.861	136	1327663	4000.000	ng/ml	0.00
Standard Area 1 = 1225929			Recovery	= 108.30%		
18) Acenaphthene-d10	3.825	164	713703	4000.000	ng/ml	0.00
Standard Area 1 = 688151			Recovery	= 103.71%		
23) Phenanthrene-d10	4.666	188	1271063	4000.000	ng/ml	0.00
Standard Area 1 = 1410915			Recovery	= 90.09%		
33) Chrysene-d12	6.242	240	1107239	4000.000	ng/ml	-0.01
Standard Area 1 = 1283861			Recovery	= 86.24%		
38) Perylene-d12	7.424	264	1210023	4000.000	ng/ml	-0.01
Standard Area 1 = 1327611			Recovery	= 91.14%		
System Monitoring Compounds						
3) 2-Fluorophenol	1.684	112	70919	757.750	ng/ml	0.03
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 37.89%		
4) Phenol-d6	2.074	99	73592M1	629.996	ng/ml	0.04
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 31.50%		
8) Nitrobenzene-d5	2.491	82	110561	976.031	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 97.60%		
14) 2-Fluorobiphenyl	3.449	172	282405	872.310	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 87.23%		
22) 2,4,6-Tribromophenol	4.277	330	35439	1137.707	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 56.89%		
32) 4-Terphenyl-d14	5.594	244	267825	849.372	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 84.94%		
Target Compounds						Qvalue
7) Hexachloroethane	0.000		0	N.D. d		
10) Naphthalene	2.872	128	1320M1	3.565	ng/ml	
11) Hexachlorobutadiene	0.000		0	N.D.		
12) 2-Methylnaphthalene	0.000		0	N.D. d		
15) 2-Chloronaphthalene	0.000		0	N.D. d		
17) Acenaphthylene	0.000		0	N.D. d		
19) Acenaphthene	0.000		0	N.D. d		
21) Fluorene	0.000		0	N.D. d		
25) Hexachlorobenzene	0.000		0	N.D. d		

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-14.D
Acq On   : 11 Mar 2025 09:10 pm
Operator : sv119:jjw
Sample   : L2512368-14,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 39   Sample Multiplier: 1

Quant Time: Mar 12 11:04:22 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List   : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D.	d	
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	0.000		0	N.D.	d	
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	0.000		0	N.D.	d	
34) Benzo[a]anthracene	0.000		0	N.D.	d	
36) Chrysene	0.000		0	N.D.	d	
39) Benzo[b]fluoranthene	0.000		0	N.D.	d	
40) Benzo[k]fluoranthene	0.000		0	N.D.	d	
41) Benzo[a]pyrene	0.000		0	N.D.	d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
44) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

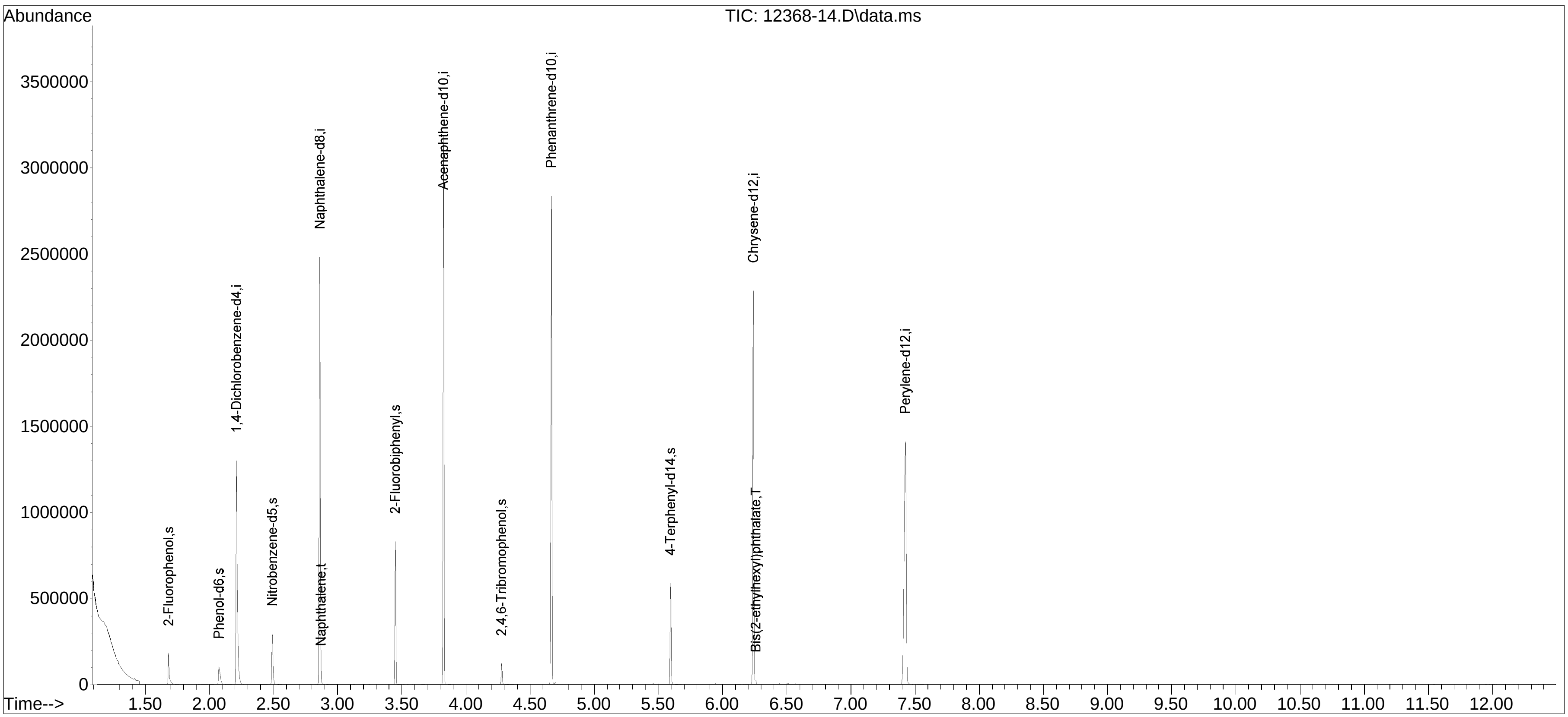
(#) = qualifier out of range (m) = manual integration (+) = signals summed

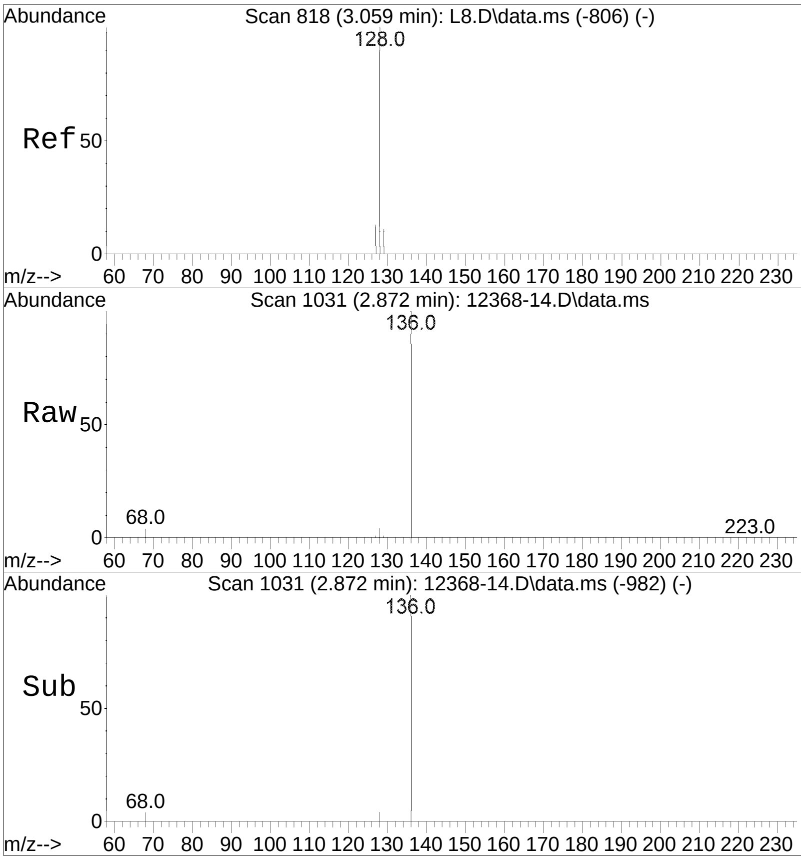
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-14.D
Acq On : 11 Mar 2025 09:10 pm
Operator : sv119:jjw
Sample : L2512368-14,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 12 11:04:22 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedT\ccv0311b.D•

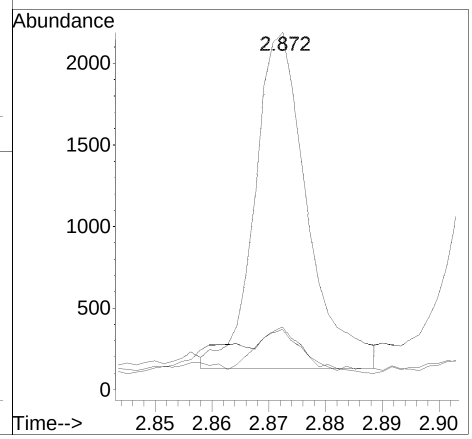




#10
Naphthalene
Concen: 3.56 ng/ml M1
RT: 2.872 min Scan# 1031
Delta R.T. -0.001 min
Lab File: 12368-14.D
Acq: 11 Mar 2025 09:10 pm

Tgt Ion:128 Resp: 1320

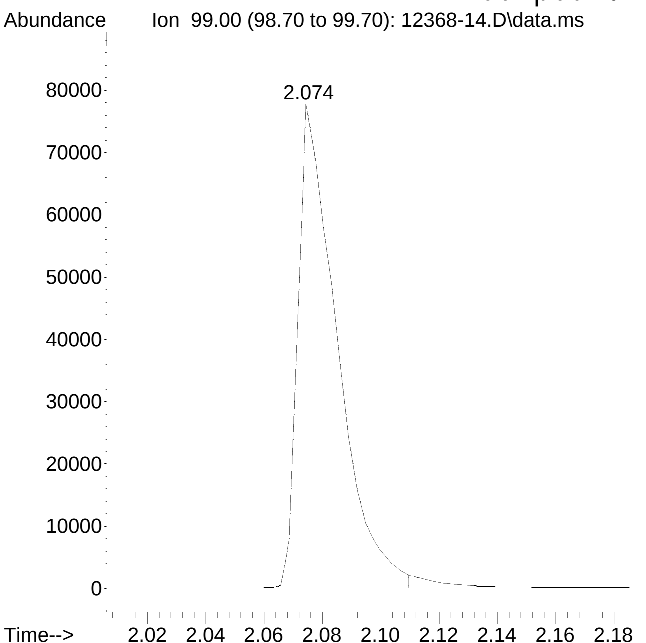
Ion	Ratio	Lower	Upper
128	100		
129	9.8	9.0	13.6
127	12.1	10.5	15.7

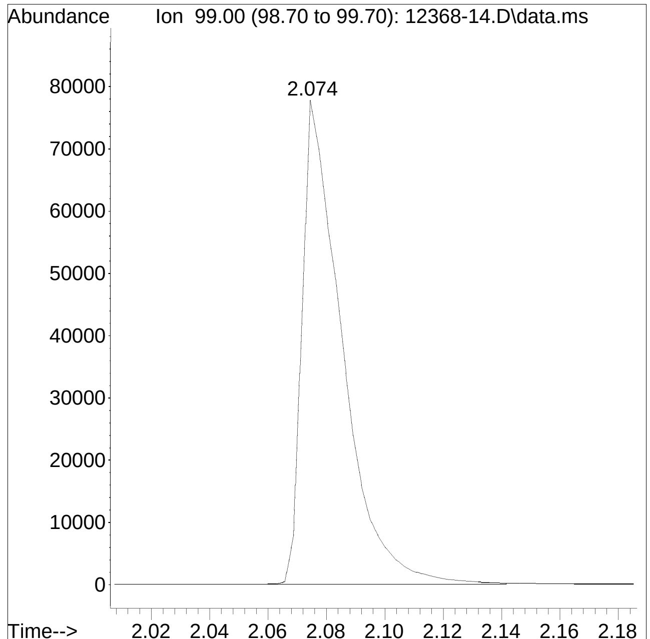


Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\250311bRVQMethod     : SIM-RVT_241229_sv119.M
Data File    : 12368-14.D                    Operator     : sv119:jjw
Date Inj'd   : 3/11/2025  9:10 pm            Instrument   : SV119
Sample       : L2512368-14,32,,kmh           Quant Date   : 3/11/2025  9:24 pm
```

Compound #4: Phenol-d6





Original Peak Response = 72276   Manual Peak Response = 73592 M1

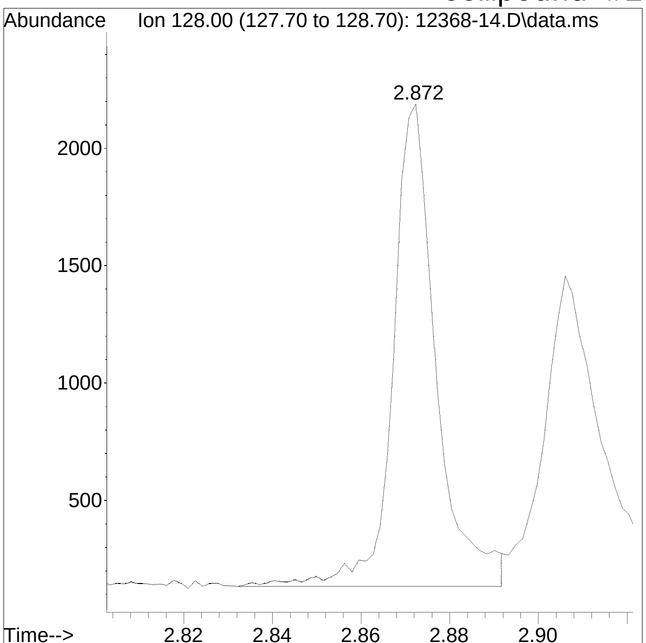
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

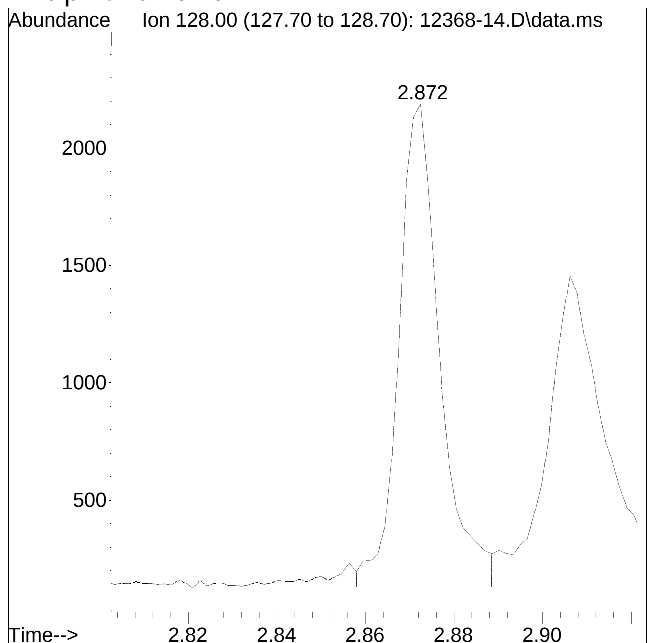
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 12368-14.D
Date Inj'd : 3/11/2025 9:10 pm
Sample : L2512368-14,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/11/2025 9:24 pm

Compound #10: Naphthalene





Original Peak Response = 1396

Manual Peak Response = 1320 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-16.D
Acq On    : 11 Mar 2025  09:27 pm
Operator  : sv119:jjw
Sample    : L2512368-16,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 40   Sample Multiplier: 1

Quant Time: Mar 12 11:05:51 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.211  152    343417   4000.000 ng/ml    0.00
   Standard Area 1 = 325676               Recovery   =  105.45%
 9) Naphthalene-d8              2.861  136   1304857   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929               Recovery   =  106.44%
18) Acenaphthene-d10            3.827  164    711441   4000.000 ng/ml    0.00
   Standard Area 1 = 688151               Recovery   =  103.38%
23) Phenanthrene-d10            4.664  188   1273493   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915               Recovery   =   90.26%
33) Chrysene-d12                6.241  240   1100576   4000.000 ng/ml   -0.01
   Standard Area 1 = 1283861               Recovery   =   85.72%
38) Perylene-d12                7.426  264   1195554   4000.000 ng/ml   -0.01
   Standard Area 1 = 1327611               Recovery   =   90.05%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.682  112     59540   647.072 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   32.35%
 4) Phenol-d6                   2.074   99     65809M3   573.024 ng/ml   0.03

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   28.65%
 8) Nitrobenzene-d5             2.490   82     98212   881.874 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   88.19%
14) 2-Fluorobiphenyl            3.451  172    260507   818.734 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   81.87%
22) 2,4,6-Tribromophenol        4.279  330     32430   1044.418 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   52.22%
32) 4-Terphenyl-d14             5.592  244    261656   828.225 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   82.82%

 Target Compounds                                                  Qvalue
 7) Hexachloroethane            0.000                0       N.D. d
10) Naphthalene                 0.000                0       N.D. d
11) Hexachlorobutadiene         0.000                0       N.D.
12) 2-Methylnaphthalene         0.000                0       N.D. d
15) 2-Chloronaphthalene         0.000                0       N.D. d
17) Acenaphthylene              0.000                0       N.D.
19) Acenaphthene                0.000                0       N.D. d
21) Fluorene                    0.000                0       N.D. d
25) Hexachlorobenzene           0.000                0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-16.D
Acq On : 11 Mar 2025 09:27 pm
Operator : sv119:jjw
Sample : L2512368-16,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 12 11:05:51 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D. d	
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

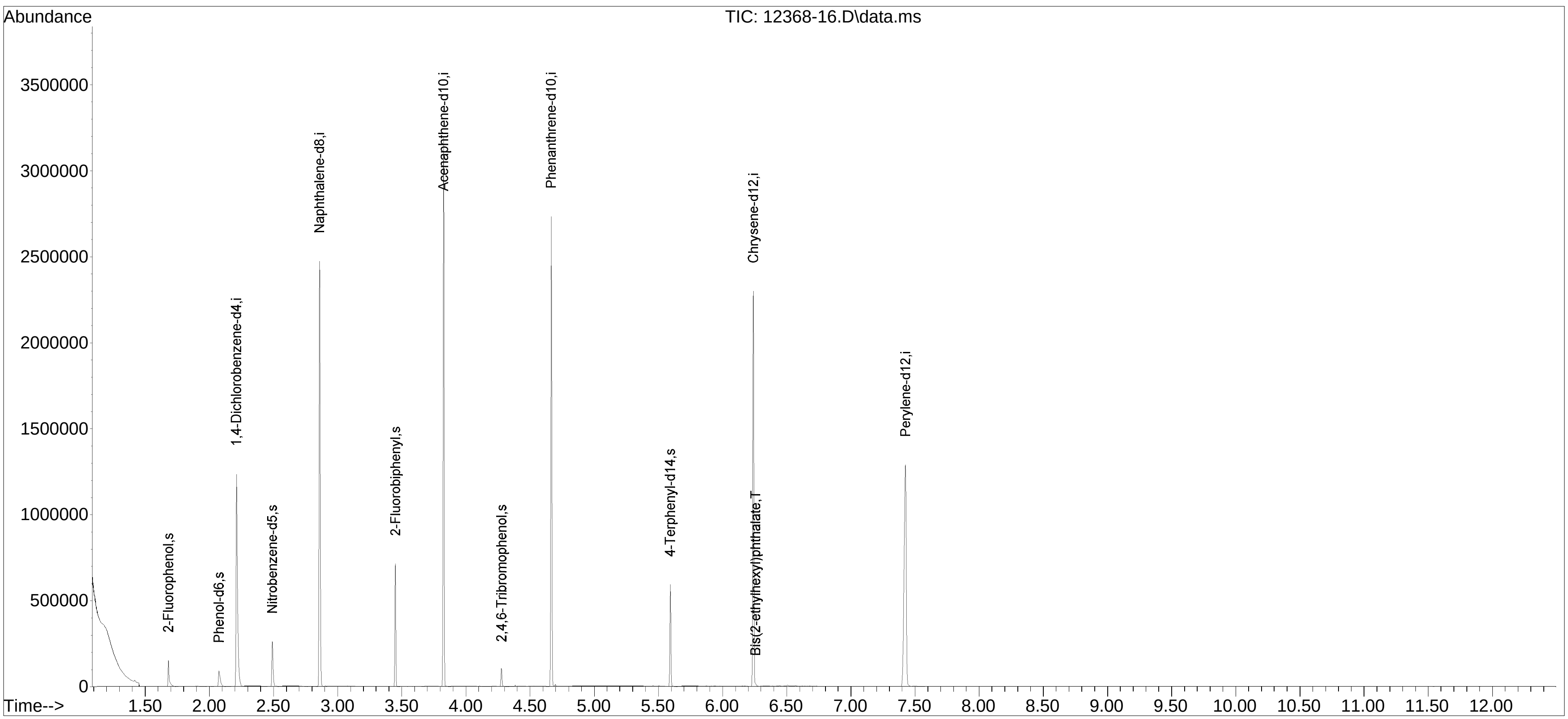
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 12368-16.D
Acq On    : 11 Mar 2025  09:27 pm
Operator  : sv119:jjw
Sample    : L2512368-16,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 40   Sample Multiplier: 1

Quant Time: Mar 12 11:05:51 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

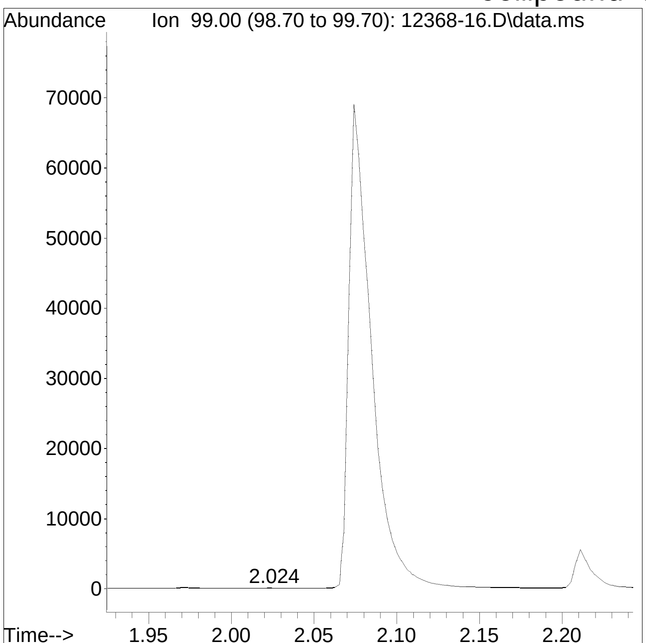
Sub List     : DEFAULT - All compounds listedT\ccv0311b.D•
```

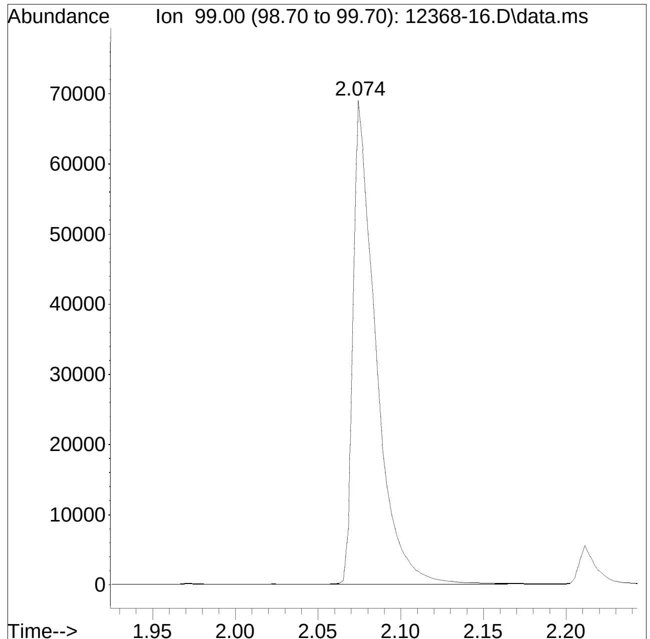


Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\250311bRVQMethod      : SIM-RVT_241229_sv119.M
Data File    : 12368-16.D                   Operator     : sv119:jjw
Date Inj'd   : 3/11/2025  9:27 pm           Instrument   : SV119
Sample       : L2512368-16,32,,kmh          Quant Date   : 3/11/2025  9:41 pm
```

Compound #4: Phenol-d6





Original Peak Response = 45   Manual Peak Response = 65809 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250312RVT\
Data File : 12368-17.D
Acq On    : 12 Mar 2025  10:51 am
Operator  : sv119:kmh
Sample    : L2512368-17,32,,kkmh
Misc      : WG2039433,WG2038209,ical21826
ALS Vial  : 13   Sample Multiplier: 1

Quant Time: Mar 12 11:51:00 2025
Quant Method : I:\8270sim\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250312RVT\ccv0312a.D
Sub List     : DEFAULT - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.182  152    247567   4000.000 ng/ml    0.00
   Standard Area 1 = 270856                Recovery   =   91.40%
 9) Naphthalene-d8              2.838  136    969700   4000.000 ng/ml    0.00
   Standard Area 1 = 1057861                Recovery   =   91.67%
18) Acenaphthene-d10            3.807  164    563923   4000.000 ng/ml    0.00
   Standard Area 1 = 616254                Recovery   =   91.51%
23) Phenanthrene-d10            4.640  188   1143382   4000.000 ng/ml    0.00
   Standard Area 1 = 1278760                Recovery   =   89.41%
33) Chrysene-d12                6.189  240   1055893   4000.000 ng/ml    0.00
   Standard Area 1 = 1251818                Recovery   =   84.35%
38) Perylene-d12                7.340  264   1044825   4000.000 ng/ml    0.00
   Standard Area 1 = 1310763                Recovery   =   79.71%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.635  112     36128   544.649 ng/ml   0.02
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   27.23%
 4) Phenol-d6                   2.042   99     38297   462.574 ng/ml   0.01
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   23.13%
 8) Nitrobenzene-d5             2.463   82     64676   805.591 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   80.56%
14) 2-Fluorobiphenyl            3.431  172    170353   720.441 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   72.04%
22) 2,4,6-Tribromophenol        4.257  330     22947   932.336 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   46.62%
32) 4-Terphenyl-d14             5.559  244    210907   743.556 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   74.36%

 Target Compounds                                                 Qvalue
 7) Hexachloroethane            0.000                 0       N.D.
10) Naphthalene                 0.000                 0       N.D. d
11) Hexachlorobutadiene         0.000                 0       N.D.
12) 2-Methylnaphthalene         0.000                 0       N.D. d
15) 2-Chloronaphthalene         0.000                 0       N.D. d
17) Acenaphthylene              0.000                 0       N.D.
19) Acenaphthene                0.000                 0       N.D. d
21) Fluorene                    0.000                 0       N.D. d
25) Hexachlorobenzene           0.000                 0       N.D.
26) Pentachlorophenol           0.000                 0       N.D. d
```

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : 12368-17.D
Acq On   : 12 Mar 2025 10:51 am
Operator : sv119:kmh
Sample   : L2512368-17,32,,kkmh
Misc   : WG2039433,WG2038209,ical21826
ALS Vial : 13   Sample Multiplier: 1

Quant Time: Mar 12 11:51:00 2025
Quant Method : I:\8270sim\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250312RVT\ccv0312a.D
Sub List   : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

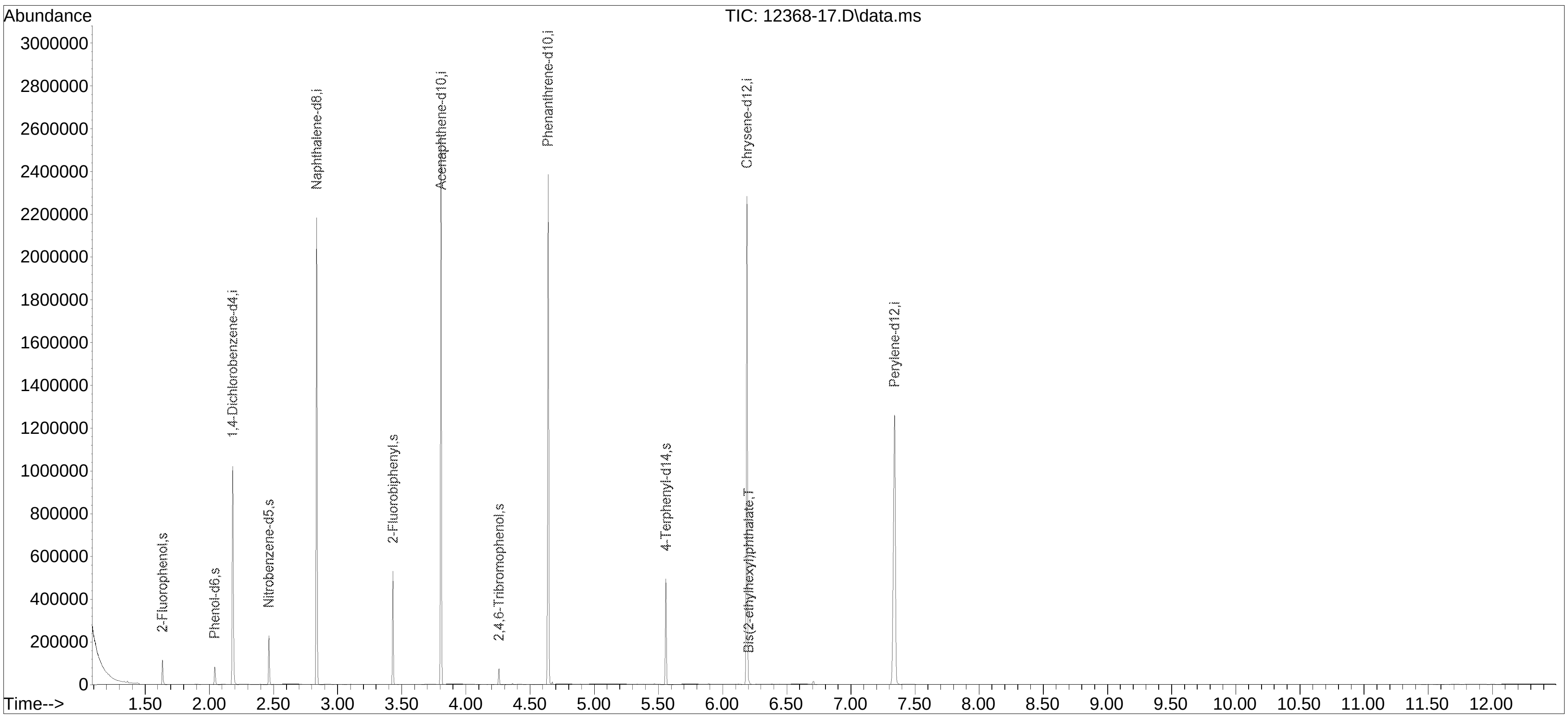
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : 12368-17.D
Acq On : 12 Mar 2025 10:51 am
Operator : sv119:kmh
Sample : L2512368-17,32,,kkmh
Misc : WG2039433,WG2038209,ical21826
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 12 11:51:00 2025
Quant Method : I:\8270sim\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:48 2025
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0312a.D•



Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250312RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : 12368-17.D                Operator    : sv119:kmh
Date Inj'd  : 3/12/2025 10:51 am        Instrument  : SV119
Sample      : L2512368-17,32,,kkmh      Quant Date  : 3/12/2025 11:05 am
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250312RVT\
Data File : 12368-19.D
Acq On    : 12 Mar 2025  11:07 am
Operator  : sv119:kmh
Sample    : L2512368-19,32,,kkmh
Misc      : WG2039433,WG2038209,ical21826
ALS Vial  : 14   Sample Multiplier: 1

Quant Time: Mar 12 11:51:52 2025
Quant Method : I:\8270sim\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250312RVT\ccv0312a.D
Sub List     : DEFAULT - All compounds listed

        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4       2.182  152    242078   4000.000 ng/ml    0.00
   Standard Area 1 = 270856                Recovery   =   89.38%
 9) Naphthalene-d8               2.838  136    955014   4000.000 ng/ml    0.00
   Standard Area 1 = 1057861                Recovery   =   90.28%
18) Acenaphthene-d10             3.805  164    553752   4000.000 ng/ml    0.00
   Standard Area 1 = 616254                Recovery   =   89.86%
23) Phenanthrene-d10             4.644  188   1124269   4000.000 ng/ml    0.00
   Standard Area 1 = 1278760                Recovery   =   87.92%
33) Chrysene-d12                 6.189  240   1028204   4000.000 ng/ml    0.00
   Standard Area 1 = 1251818                Recovery   =   82.14%
38) Perylene-d12                 7.338  264   1020118   4000.000 ng/ml    0.00
   Standard Area 1 = 1310763                Recovery   =   77.83%

 System Monitoring Compounds
 3) 2-Fluorophenol               1.635  112     49161   757.933 ng/ml   0.02
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   37.90%
 4) Phenol-d6                    2.042   99     49750   614.535 ng/ml   0.01
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   30.73%
 8) Nitrobenzene-d5              2.463   82     62695   798.623 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   79.86%
14) 2-Fluorobiphenyl             3.431  172    170890   733.826 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   73.38%
22) 2,4,6-Tribromophenol         4.256  330     35690   1476.718 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   73.84%
32) 4-Terphenyl-d14              5.558  244    230035   824.779 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   82.48%

 Target Compounds                                                   Qvalue
 7) Hexachloroethane             0.000                    0       N.D. d
10) Naphthalene                  0.000                    0       N.D. d
11) Hexachlorobutadiene          0.000                    0       N.D.
12) 2-Methylnaphthalene          0.000                    0       N.D. d
15) 2-Chloronaphthalene          0.000                    0       N.D.
17) Acenaphthylene               0.000                    0       N.D. d
19) Acenaphthene                 0.000                    0       N.D. d
21) Fluorene                     0.000                    0       N.D. d
25) Hexachlorobenzene            0.000                    0       N.D. d
26) Pentachlorophenol            0.000                    0       N.D. d
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : 12368-19.D
Acq On : 12 Mar 2025 11:07 am
Operator : sv119:kmh
Sample : L2512368-19,32,,kkmh
Misc : WG2039433,WG2038209,ical21826
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 12 11:51:52 2025
Quant Method : I:\8270sim\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250312RVT\ccv0312a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

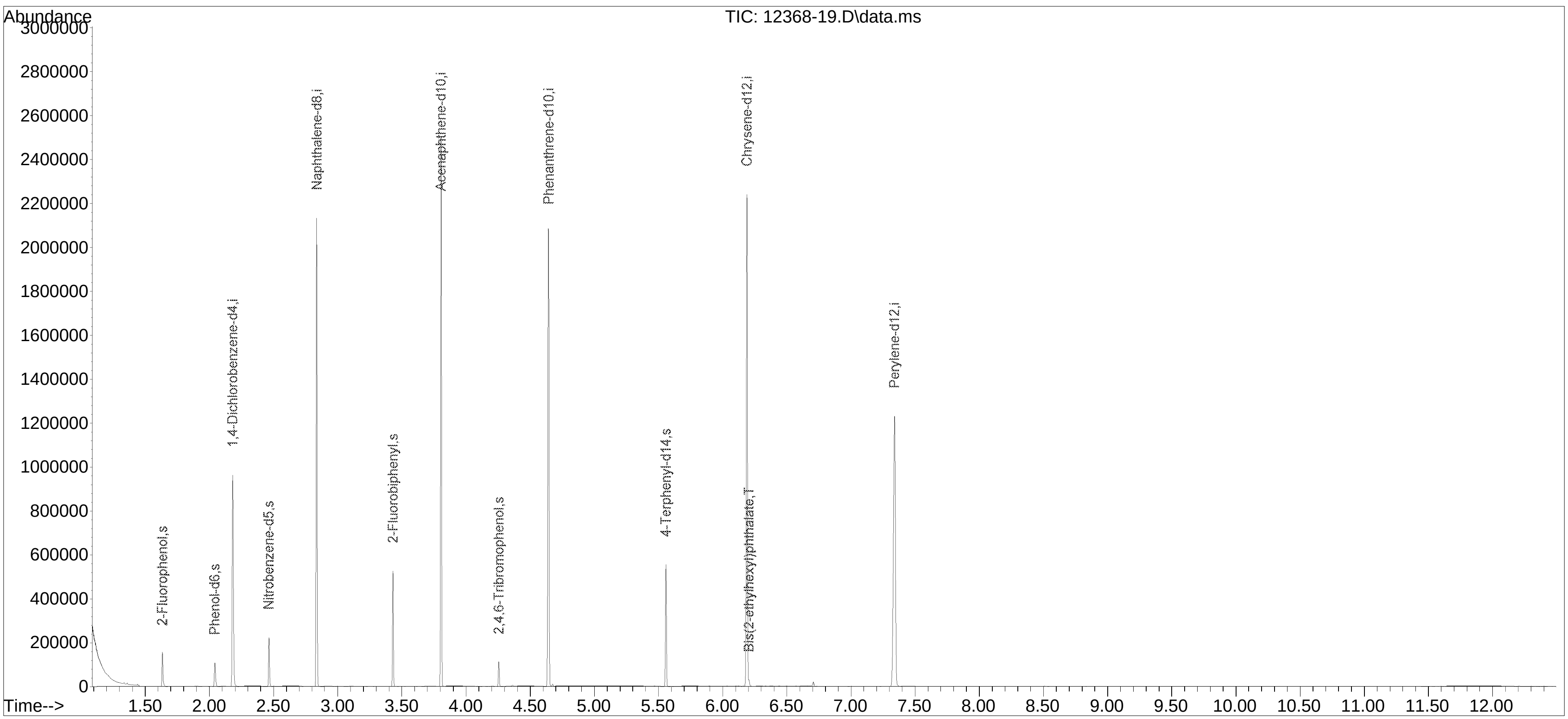
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : 12368-19.D
Acq On : 12 Mar 2025 11:07 am
Operator : sv119:kmh
Sample : L2512368-19,32,,kkmh
Misc : WG2039433,WG2038209,ical21826
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 12 11:51:52 2025
Quant Method : I:\8270sim\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:48 2025
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0312a.D•



Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\250312RVTQMethod     : SIM-RVT_241229_sv119.M
Data File    : 12368-19.D                Operator    : sv119:kmh
Date Inj'd   : 3/12/2025 11:07 am        Instrument  : SV119
Sample       : L2512368-19,32,,kkmh      Quant Date  : 3/12/2025 11:21 am
```

There are no manual integrations or false positives in this file.

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	: P. W. Grosser		**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL		**Project Number**	: BSD1504
Instrument ID	: SV119		**Ical Ref**	: ICAL21826
Calibration dates	: 12/29/24 13:37	12/29/24 16:09		

Calibration Files

L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =ccv0205a.D L9 =L
L10 =L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	i	1,4-Dichlorobenzene-d4	----------------ISTD--------------------											
2)	s	2-Fluorophenol		1.194	1.049	1.050	1.065	0.971	1.054	1.080	1.098	1.085	1.072	5.45
3)	s	Phenol-d6		1.497	1.292	1.304	1.309	1.168	1.318	1.365	1.398	1.388	1.338	6.77
4)	T	bis(2-Chloroethyl)ether			1.307	1.266	1.553	1.083	1.183	1.165	1.180	1.141	1.235	11.84
5)	T	n-Nitrosodi-n-propylamine		0.837	0.808	0.833	0.812	0.724	0.826	0.837	0.889	0.880	0.827	5.75
6)	t	Hexachloroethane		0.655	0.513	0.522	0.518	0.458	0.500	0.499	0.506	0.495	0.518	10.54
7)	s	Nitrobenzene-d5		1.380	1.332	1.291	1.325	1.150	1.295	1.287	1.325	1.289	1.297	4.83
8)	i	Naphthalene-d8	----------------ISTD--------------------											
9)	t	Naphthalene	1.204	1.406	1.128	1.129	1.123	0.990	1.072	1.048	1.051	1.005	1.116	10.81
10)	t	Hexachlorobutadiene		0.230	0.206	0.202	0.201	0.178	0.192	0.187	0.189	0.183	0.196	7.94
11)	t	2-Methylnaphthalene	0.833	0.914	0.778	0.783	0.800	0.703	0.761	0.749	0.753	0.721	0.780	7.71
12)	t	1-Methylnaphthalene	0.767	0.829	0.720	0.727	0.739	0.652	0.707	0.691	0.689	0.659	0.718	7.32
13)	s	2-Fluorobiphenyl		1.155	0.985	0.990	1.010	0.877	0.949	0.922	0.914		0.975	8.73
14)	t	2-Chloronaphthalene		0.942	0.813	0.825	0.837	0.739	0.792	0.774	0.778	0.748	0.805	7.56
15)	t	2,6-Dinitrotoluene					0.191	0.171	0.200	0.204	0.215	0.210	0.198	7.92
16)	t	Acenaphthylene	1.300	1.472	1.249	1.250	1.283	1.127	1.221	1.209	1.212	1.147	1.247	7.67
17)	i	Acenaphthene-d10	----------------ISTD--------------------											
18)	t	Acenaphthene	1.410	1.530	1.355	1.333	1.362	1.213	1.307	1.288	1.299	1.244	1.334	6.72
19)	t	2,4-Dinitrotoluene					0.369	0.351	0.432	0.447	0.479	0.469	0.424	12.45
20)	t	Fluorene	1.590	1.759	1.495	1.502	1.566	1.395	1.529	1.516	1.527	1.448	1.533	6.31
21)	s	2,4,6-Tribromophenol		0.198	0.156	0.146	0.157	0.151	0.180	0.186	0.200	0.197	0.175	12.68
22)	i	Phenanthrene-d10	----------------ISTD--------------------											
23)	T	4,6-Dinitro-o-cresol					0.083	0.079	0.111	0.122	0.135	0.137	*L	0.9975
24)	t	Hexachlorobenzene		0.289	0.238	0.240	0.239	0.212	0.227	0.219	0.222		0.236	10.08
25)	t	Pentachlorophenol				0.234	0.138	0.101	0.094	0.116	0.140	0.144	*Q	0.9961
26)	t	Phenanthrene	1.294	1.376	1.172	1.163	1.200	1.069	1.143	1.111	1.116	1.050	1.170	8.58
27)	t	Anthracene	1.275	1.363	1.165	1.157	1.187	1.066	1.158	1.129	1.143	1.082	1.173	7.51
28)	t	Fluoranthene	1.590	1.707	1.447	1.422	1.488	1.319	1.431	1.393	1.372		1.463	8.13
29)	t	Pyrene	1.620	1.738	1.506	1.482	1.544	1.370	1.491	1.436	1.406		1.510	7.49
30)	s	4-Terphenyl-d14			1.036	1.008	1.068	0.945	1.001	0.958	0.931		0.992	5.06
31)	i	Chrysene-d12	----------------ISTD--------------------											
32)	t	Benzo[a]anthracene	1.237	0.709	0.355	0.247	0.168	0.137	0.145	0.141	0.145	0.139	*L	0.9995
33)	t	3,3'-Dichlorobenzidine					0.337	0.313	0.410	0.451	0.523	0.526	*L	0.9962
34)	t	Chrysene	1.465	1.591	1.379	1.371	1.369	1.249	1.376	1.320	1.353	1.300	1.377	6.83
35)	T	bis(2-Ethylhexyl)phthalate					0.614	0.557	0.715	0.739	0.828	0.834	0.714	15.65
36)	i	Perylene-d12	----------------ISTD--------------------											

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: SV119**	**Ical Ref**	**: ICAL21826**
Calibration dates	**: 12/29/24 13:37 12/29/24 16:09**		

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =ccv0205a.D L9 =L
L10 =L10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37) t	Benzo[b]fluoranthene	1.378	1.493	1.304	1.278	1.294	1.169	1.356	1.333	1.331	1.320	1.326	6.17
38) t	Benzo[k]fluoranthene	1.407	1.441	1.210	1.216	1.311	1.209	1.358	1.298	1.361	1.261	1.307	6.40
39) t	Benzo[a]pyrene	1.147	1.221	1.050	1.049	1.083	0.999	1.169	1.154	1.202	1.175	1.125	6.63
40) t	Indeno[1,2,3-cd]pyrene	1.094	1.170	1.014	1.008	1.020	0.953	1.135	1.138	1.177	1.182	1.089	7.67
41) t	Dibenzo[a,h]anthracene	0.964	1.027	0.910	0.921	0.957	0.929	1.106	1.087	1.111	1.092	1.010	8.18
42) t	Benzo[g,h,i]perylene	1.076	1.108	0.966	0.976	0.982	0.929	1.078	1.071	1.097	1.083	1.036	6.31

Response Factor Report SV119

Method Path : I:\8270SIM\sv119\250205aRVT\
Method File : SIM-RVT_241229_sv119.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Feb 05 07:16:40 2025
Response Via : Initial Calibration

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =ccv0205a.D L9 =L
L10 =L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	i	1,4-Dichlorobenzene-d4	----------------ISTD--------------------											
2)	s	2-Fluorophenol		1.194	1.049	1.050	1.065	0.971	1.054	1.080	1.098	1.085	1.072	5.45
3)	s	Phenol-d6		1.497	1.292	1.304	1.309	1.168	1.318	1.365	1.398	1.388	1.338	6.77
4)	T	bis(2-Chloroethyl)ether			1.307	1.266	1.553	1.083	1.183	1.165	1.180	1.141	1.235	11.84
5)	T	n-Nitrosodi-n-propylamine		0.837	0.808	0.833	0.812	0.724	0.826	0.837	0.889	0.880	0.827	5.75
6)	t	Hexachloroethane		0.655	0.513	0.522	0.518	0.458	0.500	0.499	0.506	0.495	0.518	10.54
7)	s	Nitrobenzene-d5		1.380	1.332	1.291	1.325	1.150	1.295	1.287	1.325	1.289	1.297	4.83
8)	i	Naphthalene-d8	----------------ISTD--------------------											
9)	t	Naphthalene	1.204	1.406	1.128	1.129	1.123	0.990	1.072	1.048	1.051	1.005	1.116	10.81
10)	t	Hexachlorobutadiene		0.230	0.206	0.202	0.201	0.178	0.192	0.187	0.189	0.183	0.196	7.94
11)	t	2-Methylnaphthalene	0.833	0.914	0.778	0.783	0.800	0.703	0.761	0.749	0.753	0.721	0.780	7.71
12)	t	1-Methylnaphthalene	0.767	0.829	0.720	0.727	0.739	0.652	0.707	0.691	0.689	0.659	0.718	7.32
13)	s	2-Fluorobiphenyl		1.155	0.985	0.990	1.010	0.877	0.949	0.922	0.914		0.975	8.73
14)	t	2-Chloronaphthalene		0.942	0.813	0.825	0.837	0.739	0.792	0.774	0.778	0.748	0.805	7.56
15)	t	2,6-Dinitrotoluene					0.191	0.171	0.200	0.204	0.215	0.210	0.198	7.92
16)	t	Acenaphthylene	1.300	1.472	1.249	1.250	1.283	1.127	1.221	1.209	1.212	1.147	1.247	7.67
17)	i	Acenaphthene-d10	----------------ISTD--------------------											
18)	t	Acenaphthene	1.410	1.530	1.355	1.333	1.362	1.213	1.307	1.288	1.299	1.244	1.334	6.72
19)	t	2,4-Dinitrotoluene					0.369	0.351	0.432	0.447	0.479	0.469	0.424	12.45
20)	t	Fluorene	1.590	1.759	1.495	1.502	1.566	1.395	1.529	1.516	1.527	1.448	1.533	6.31
21)	s	2,4,6-Tribromophenol		0.198	0.156	0.146	0.157	0.151	0.180	0.186	0.200	0.197	0.175	12.68
22)	i	Phenanthrene-d10	----------------ISTD--------------------											
23)	T	4,6-Dinitro-o-cresol					0.083	0.079	0.111	0.122	0.135	0.137	*L	0.9975
24)	t	Hexachlorobenzene		0.289	0.238	0.240	0.239	0.212	0.227	0.219	0.222		0.236	10.08
25)	t	Pentachlorophenol				0.234	0.138	0.101	0.094	0.116	0.140	0.144	*Q	0.9961
26)	t	Phenanthrene	1.294	1.376	1.172	1.163	1.200	1.069	1.143	1.111	1.116	1.050	1.170	8.58
27)	t	Anthracene	1.275	1.363	1.165	1.157	1.187	1.066	1.158	1.129	1.143	1.082	1.173	7.51
28)	t	Fluoranthene	1.590	1.707	1.447	1.422	1.488	1.319	1.431	1.393	1.372		1.463	8.13
29)	t	Pyrene	1.620	1.738	1.506	1.482	1.544	1.370	1.491	1.436	1.406		1.510	7.49
30)	s	4-Terphenyl-d14			1.036	1.008	1.068	0.945	1.001	0.958	0.931		0.992	5.06
31)	i	Chrysene-d12	----------------ISTD--------------------											
32)	t	Benzo[a]anthracene	1.237	0.709	0.355	0.247	0.168	0.137	0.145	0.141	0.145	0.139	*L	0.9995
33)	t	3,3'-Dichlorobenzidine					0.337	0.313	0.410	0.451	0.523	0.526	*L	0.9962
34)	t	Chrysene	1.465	1.591	1.379	1.371	1.369	1.249	1.376	1.320	1.353	1.300	1.377	6.83
35)	T	bis(2-Ethylhexyl)phthalate					0.614	0.557	0.715	0.739	0.828	0.834	0.714	15.65
36)	i	Perylene-d12	----------------ISTD--------------------											
37)	t	Benzo[b]fluora...	1.378	1.493	1.304	1.278	1.294	1.169	1.356	1.333	1.331	1.320	1.326	6.17
38)	t	Benzo[k]fluora...	1.407	1.441	1.210	1.216	1.311	1.209	1.358	1.298	1.361	1.261	1.307	6.40
39)	t	Benzo[a]pyrene	1.147	1.221	1.050	1.049	1.083	0.999	1.169	1.154	1.202	1.175	1.125	6.63
40)	t	Indeno[1,2,3-c...	1.094	1.170	1.014	1.008	1.020	0.953	1.135	1.138	1.177	1.182	1.089	7.67
41)	t	Dibenzo[a,h]anthracene	0.964	1.027	0.910	0.921	0.957	0.929	1.106	1.087	1.111	1.092	1.010	8.18
42)	t	Benzo[g,h,i]pe...	1.076	1.108	0.966	0.976	0.982	0.929	1.078	1.071	1.097	1.083	1.036	6.31

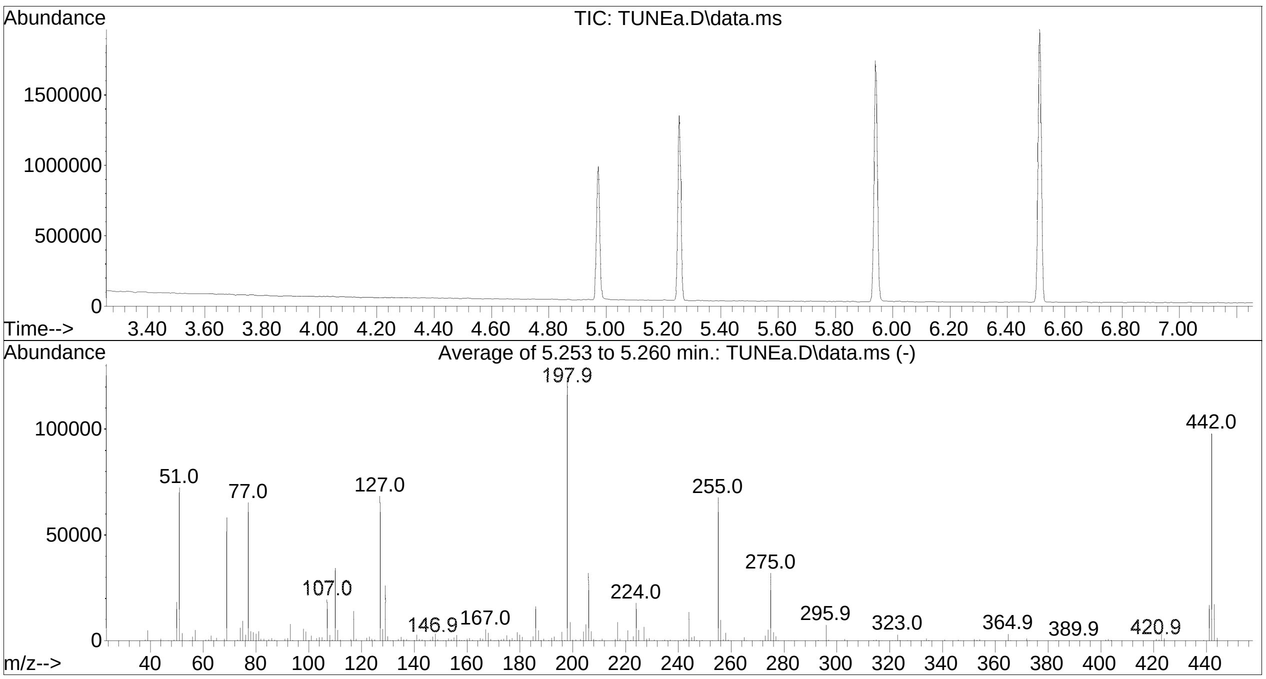
(#) = Out of Range

DFTPP

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : TUNEa.D
Acq On : 29 Dec 2024 01:20 pm
Operator : sv119:jjw
Sample : TUNE
Misc : WG2015284,,ical
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Dec 30 14:10:06 2024



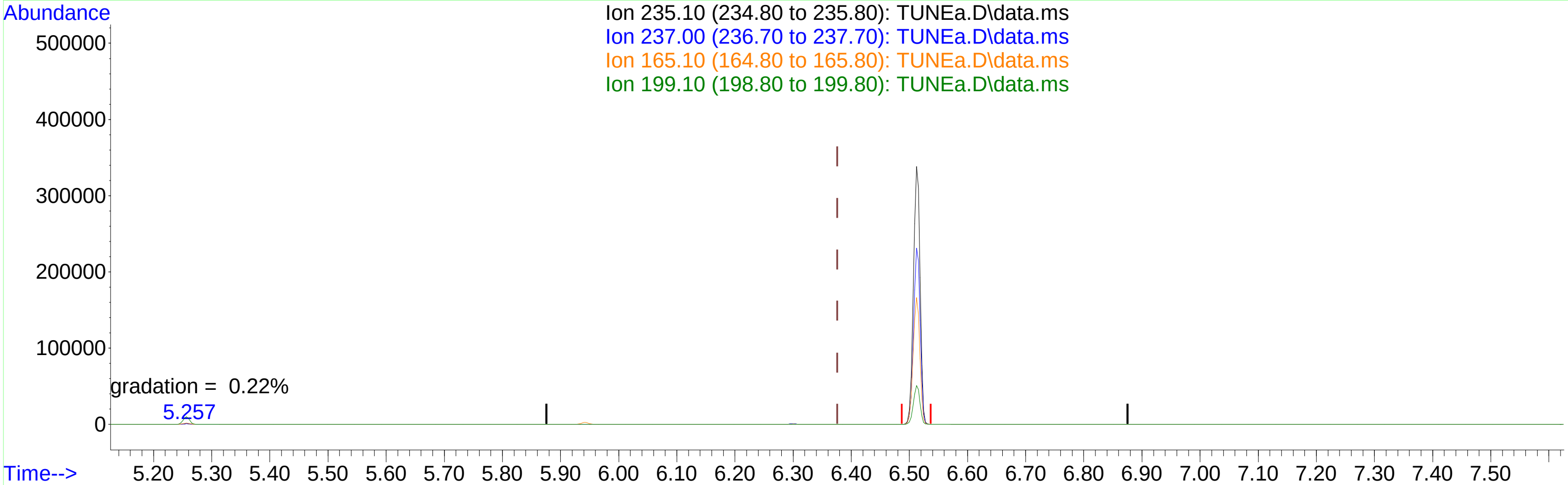
Spectrum Information: Average of 5.253 to 5.260 min.

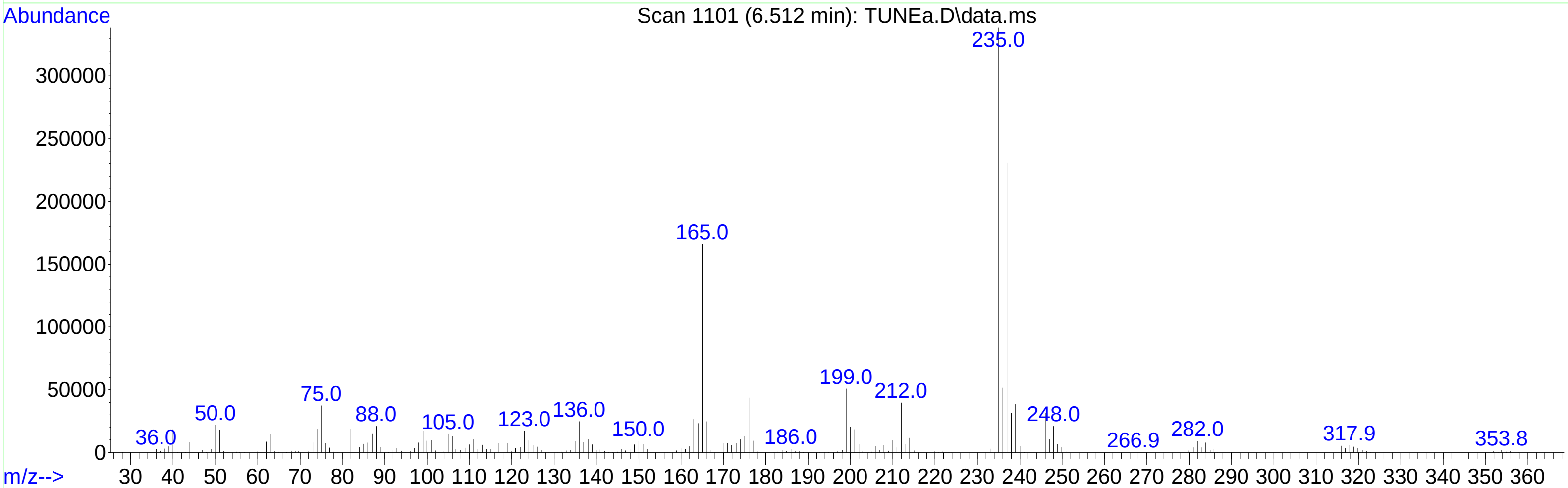
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	58.0	72220	PASS
68	69	0.00	2	1.8	1027	PASS
69	69	100	100	100.0	58144	PASS
70	69	0.00	2	0.4	254	PASS
127	198	10	80	54.8	68219	PASS
197	198	0.00	2	0.4	477	PASS
198	198	100	100	100.0	124584	PASS
199	198	5	9	7.0	8733	PASS
275	198	10	60	25.6	31883	PASS
365	198	1	100	2.6	3257	PASS
441	442	0.01	24	17.1	16738	PASS
442	198	50	100	78.7	98011	PASS
443	442	15	24	17.4	17081	PASS

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : TUNEa.D
Acq On : 29 Dec 2024 01:20 pm
Operator : sv119:jjw
Sample : TUNE
Misc : WG2015284,,ical
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 13:32:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Dec 27 15:06:27 2024
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools™ [TUNE]

(6) ddt (T)

6.512min (+ 0.136) 43.92

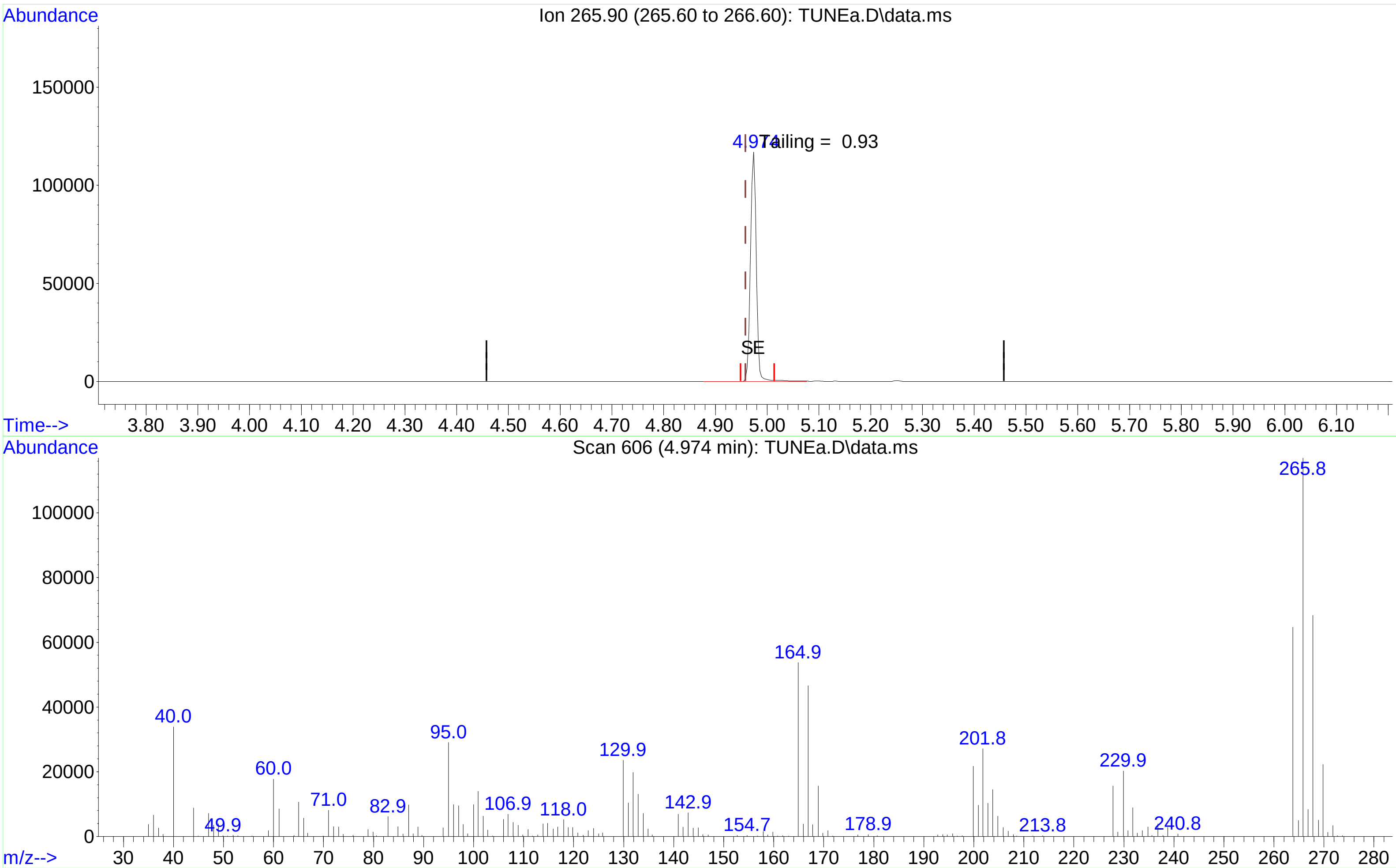
response 267725

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.60	67.99
165.10	53.30	49.37
199.10	17.10	14.67

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : TUNEa.D
Acq On : 29 Dec 2024 01:20 pm
Operator : sv119:jjw
Sample : TUNE
Misc : WG2015284,,ical
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 13:32:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Dec 27 15:06:27 2024
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D



CHROMtools™ [TUNE]

(1) pentachlorophenol (T)

4.974min (+ 0.016) 43.16

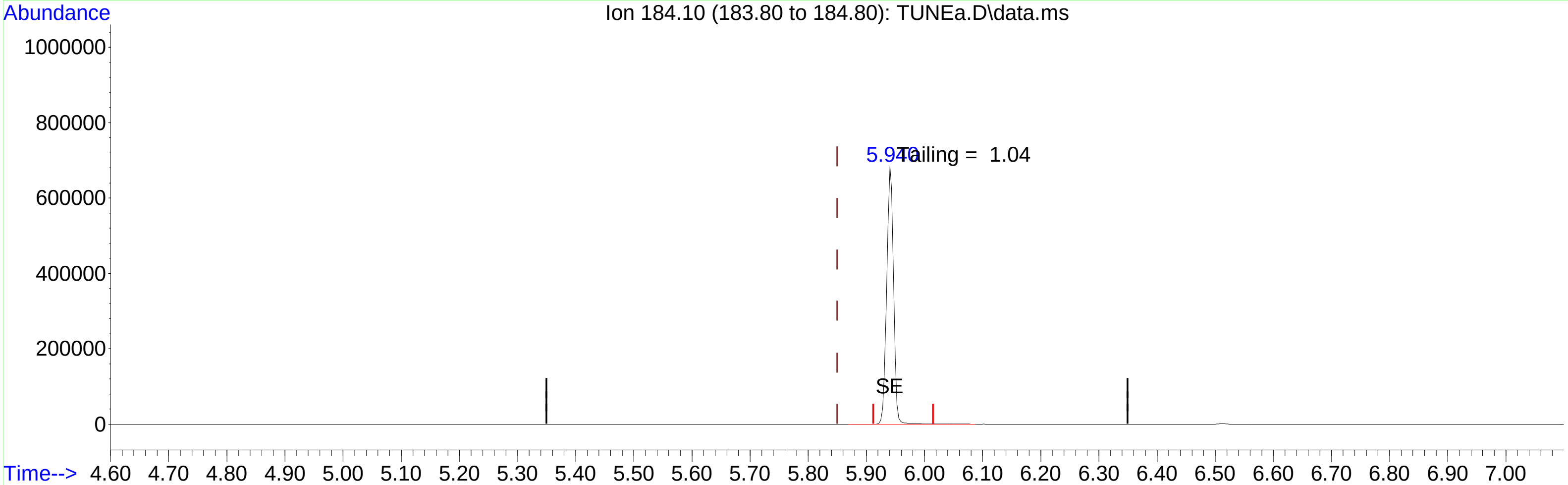
response 90650

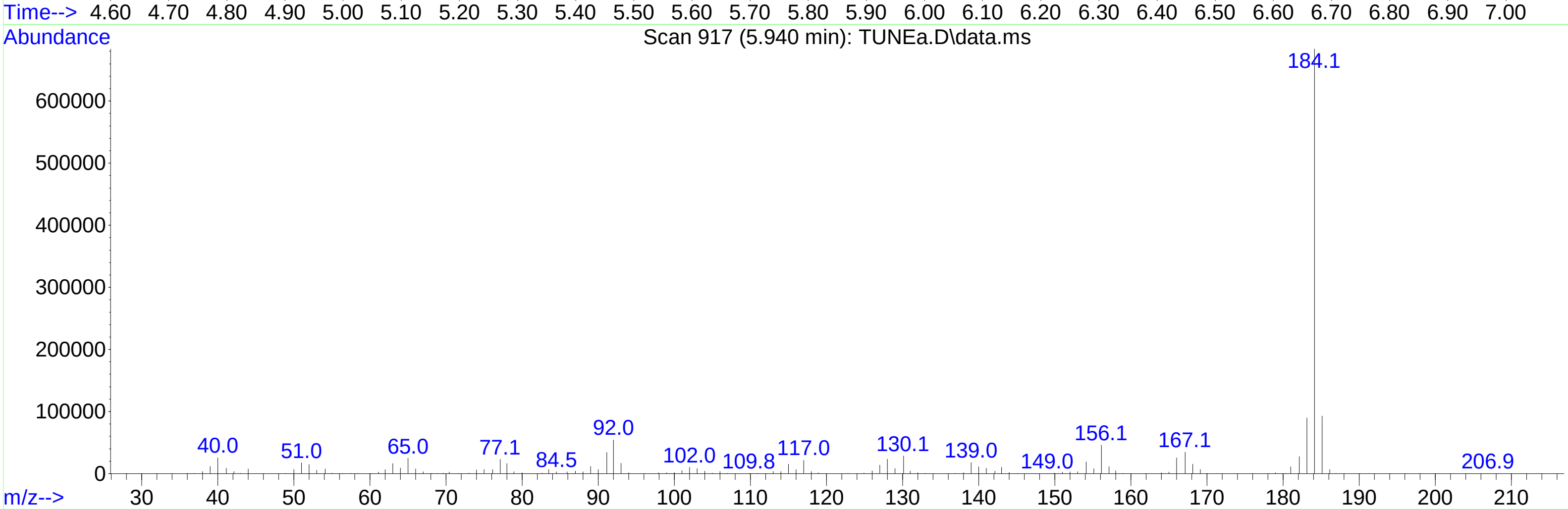
Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : TUNEa.D
Acq On : 29 Dec 2024 01:20 pm
Operator : sv119:jjw
Sample : TUNE
Misc : WG2015284,,ical
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 13:32:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Dec 27 15:06:27 2024
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools™ [TUNE]

(3) benzidine (T)

5.940min (+ 0.090) 55.19

response 561817

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L10.D
Acq On : 29 Dec 2024 01:37 pm
Operator : sv119:jjw
Sample : IL10,32,, #10885 5000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 16:07:10 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:19 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

```
        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------------
 Internal Standards
  1) 1,4-Dichlorobenzene-d4       2.340  152    348275   4000.000 ng/ml    0.00
    Standard Area 1 = 305578                 Recovery   =  113.97%
  8) Naphthalene-d8               3.003  136   1330364   4000.000 ng/ml    0.00
    Standard Area 1 = 1146492                 Recovery   =  116.04%
 17) Acenaphthene-d10             3.980  164    838143   4000.000 ng/ml    0.00
    Standard Area 1 = 714823                 Recovery   =  117.25%
 22) Phenanthrene-d10             4.824  188   1768675   4000.000 ng/ml    0.00
    Standard Area 1 = 1521053                 Recovery   =  116.28%
 31) Chrysene-d12                 6.464  240   1711433   4000.000 ng/ml    0.02
    Standard Area 1 = 1553026                 Recovery   =  110.20%
 36) Perylene-d12                 7.769  264   1750457   4000.000 ng/ml    0.02
    Standard Area 1 = 1562574                 Recovery   =  112.02%

 System Monitoring Compounds
  2) 2-Fluorophenol               1.751  112    472357   5061.900 ng/ml  0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =  253.09%#
  3) Phenol-d6                    2.147   99    604405   5189.373 ng/ml  0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =  259.47%#
  7) Nitrobenzene-d5              2.621   82    561304   4969.811 ng/ml  0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =  496.98%#
 13) 2-Fluorobiphenyl             3.597  172   1432759   4416.607 ng/ml  0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =  441.66%#
 21) 2,4,6-Tribromophenol         4.426  330    206277   5638.961 ng/ml  0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =  281.95%#
 30) 4-Terphenyl-d14              5.772  244   1940016   4421.517 ng/ml  0.01
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =  442.15%#

 Target Compounds                                                   Qvalue
  4) Bis(2-chloroethyl)ether      2.203   93     496607   4619.555 ng/ml#    78
  5) n-nitrosodi-n-propylamine    2.540   70     383143   5318.010 ng/ml    100
  6) Hexachloroethane             2.600  117     215330   4770.086 ng/ml     94
  9) Naphthalene                  3.015  128    1671836   4505.835 ng/ml     99
 10) Hexachlorobutadiene          3.084  225     304831   4668.432 ng/ml    100
 11) 2-Methylnaphthalene          3.393  142    1198947   4624.033 ng/ml     98
 12) 1-Methylnaphthalene          3.448  142    1095173   4587.255 ng/ml     98
 14) 2-Chloronaphthalene          3.664  162    1244316   4646.626 ng/ml     97
 15) 2,6-Dinitrotoluene           3.857  165     349015   5288.657 ng/ml#    91
 16) Acenaphthylene               3.898  152    1908137   4601.153 ng/ml     99
 18) Acenaphthene                 3.998  153    1302852   4660.794 ng/ml     96
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L10.D
Acq On : 29 Dec 2024 01:37 pm
Operator : sv119:jjw
Sample : IL10,32,, #10885 5000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 16:07:10 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:19 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.086	165	490910	5520.724 ng/ml#	75
20) Fluorene	4.290	166	1517338	4724.560 ng/ml	97
23) 4,6-Dinitro-o-cresol	4.319	198	303012	5103.808 ng/ml	99
24) Hexachlorobenzene	4.607	284	472069	4528.048 ng/ml	91
25) Pentachlorophenol	4.718	266	318419	4932.491 ng/ml	100
26) Phenanthrene	4.838	178	2321862	4489.867 ng/ml	100
27) Anthracene	4.866	178	2392350	4614.136 ng/ml	99
28) Fluoranthene	5.538	202	2844606	4396.700 ng/ml	98
29) Pyrene	5.677	202	2884960	4320.017 ng/ml	99
32) Benzo[a]anthracene	6.455	228	2973633	4935.581 ng/ml	100
33) 3,3'-Dichlorobenzidine	6.440	252	1124922	5116.132 ng/ml	100
34) Chrysene	6.484	228	2781095	4719.620 ng/ml	99
35) Bis(2-ethylhexyl)phtha...	6.481	149	1783851	5835.435 ng/ml	100
37) Benzo[b]fluoranthene	7.370	252	2888340	4978.758 ng/ml	99
38) Benzo[k]fluoranthene	7.399	252	2759094	4822.834 ng/ml	99
39) Benzo[a]pyrene	7.705	252	2570234	5221.315 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.084	276	2585550	5425.382 ng/ml	94
41) Dibenzo[a,h]anthracene	9.122	278	2388781M6	5403.252 ng/ml	
42) Benzo[g,h,i]perylene	9.456	276	2370451	5226.027 ng/ml	93

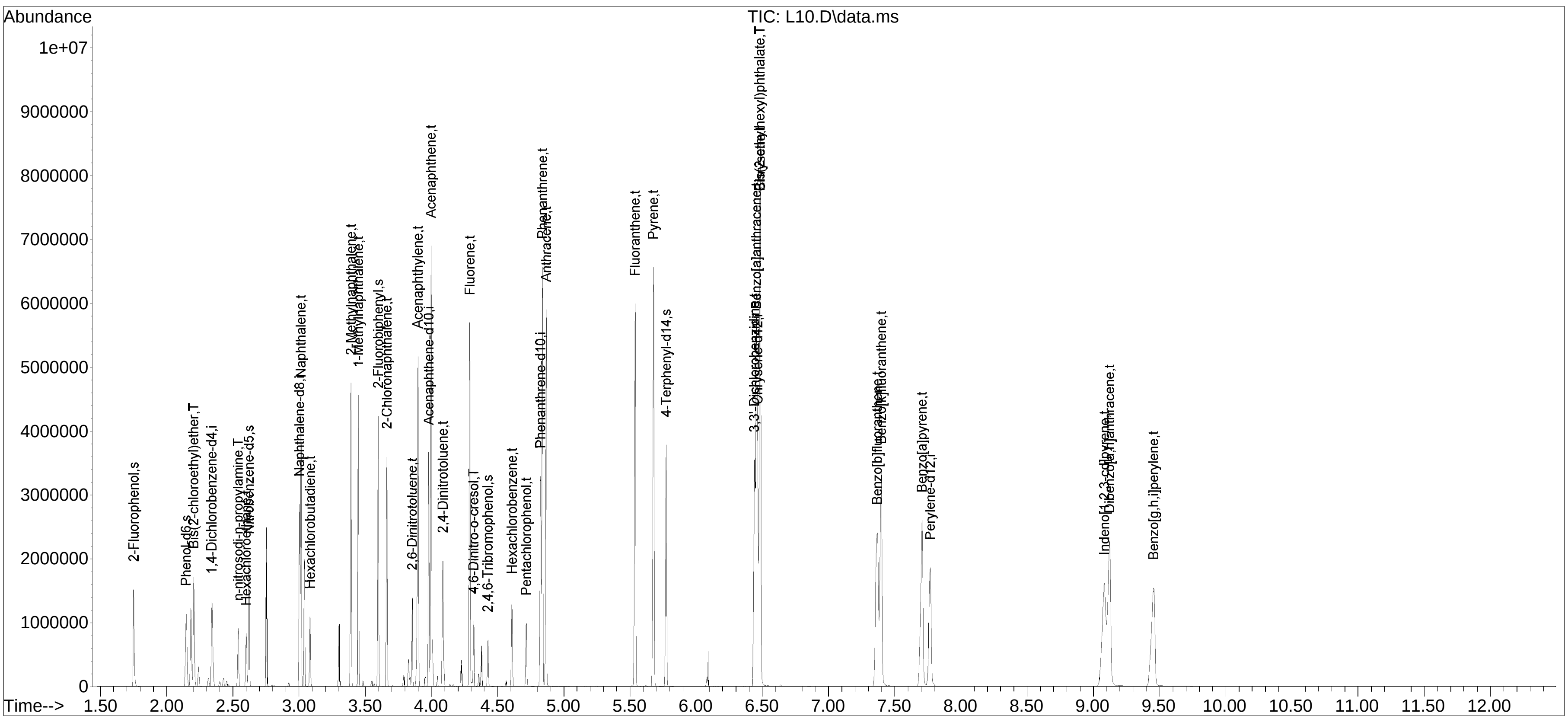
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L10.D
Acq On   : 29 Dec 2024 01:37 pm
Operator : sv119:jjw
Sample   : IL10,32,, #10885 5000 ng/ml
Misc   : WG2015284,,ical
ALS Vial : 1   Sample Multiplier: 1

Quant Time: Dec 31 16:07:10 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:19 2024
Response via : Initial Calibration

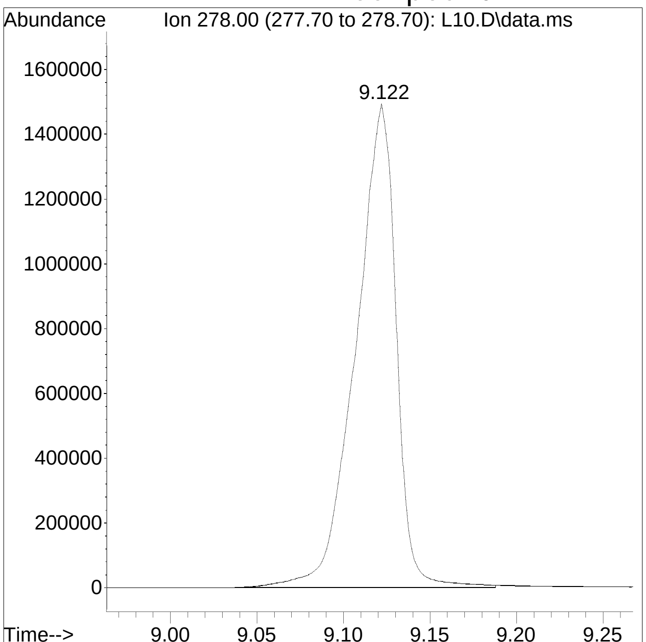
Sub List   : Default - All compounds listedical\L8.D•

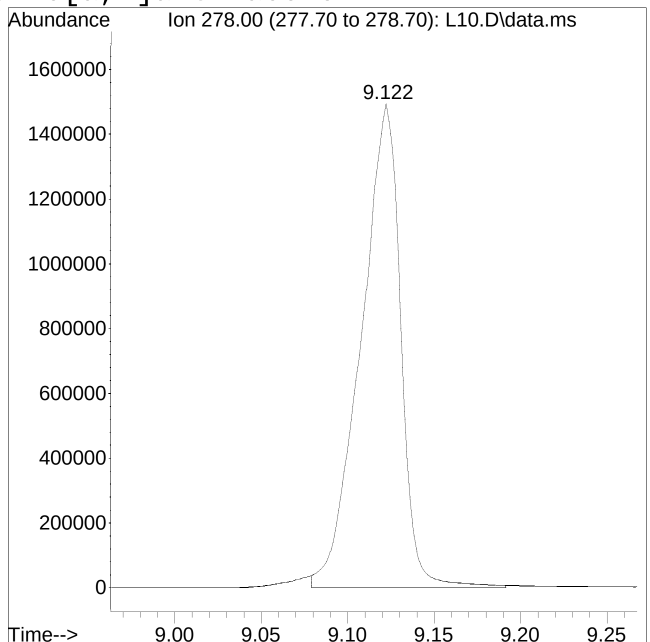


Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQMethod : SIM-RVT_241229_sv119.M
Data File : L10.D Operator : sv119:jjw
Date Inj'd : 12/29/2024 1:37 pm Instrument : SV119
Sample : IL10,32,, #10885 5000 ng/mQuant Date : 12/31/2024 4:08 pm

Compound #41: Dibenzo[a,h]anthracene





Original Peak Response = 2414117 Manual Peak Response = 2388781 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L9.D
Acq On : 29 Dec 2024 01:53 pm
Operator : sv119:jjw
Sample : IL9,32,, #10901 2500 ng/ml
Misc : WG2015284,,ical
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 16:07:50 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:59 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.346	152	346604	4000.000 ng/ml	0.00
Standard Area 1 = 305578			Recovery	= 113.43%	
8) Naphthalene-d8	3.007	136	1324130	4000.000 ng/ml	0.00
Standard Area 1 = 1146492			Recovery	= 115.49%	
17) Acenaphthene-d10	3.980	164	828772	4000.000 ng/ml	0.00
Standard Area 1 = 714823			Recovery	= 115.94%	
22) Phenanthrene-d10	4.822	188	1758222	4000.000 ng/ml	0.00
Standard Area 1 = 1521053			Recovery	= 115.59%	
31) Chrysene-d12	6.445	240	1717251	4000.000 ng/ml	0.00
Standard Area 1 = 1553026			Recovery	= 110.57%	
36) Perylene-d12	7.753	264	1736377	4000.000 ng/ml	0.00
Standard Area 1 = 1562574			Recovery	= 111.12%	
System Monitoring Compounds					
2) 2-Fluorophenol	1.755	112	237814	2560.763 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 128.04%#	
3) Phenol-d6	2.150	99	302797	2612.325 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 130.62%#	
7) Nitrobenzene-d5	2.623	82	286990	2553.273 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 255.33%#	
13) 2-Fluorobiphenyl	3.599	172	756619	2343.326 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 234.33%#	
21) 2,4,6-Tribromophenol	4.425	330	103515	2861.769 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 143.09%#	
30) 4-Terphenyl-d14	5.764	244	1022967	2345.319 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 234.53%#	

Target Compounds					Qvalue
4) Bis(2-chloroethyl)ether	2.206	93	255714	2390.180 ng/ml#	78
5) n-nitrosodi-n-propylamine	2.542	70	192599	2686.154 ng/ml	100
6) Hexachloroethane	2.604	117	109630	2440.281 ng/ml	93
9) Naphthalene	3.016	128	869651	2354.867 ng/ml	99
10) Hexachlorobutadiene	3.087	225	156282	2404.699 ng/ml	100
11) 2-Methylnaphthalene	3.395	142	623050	2414.258 ng/ml	98
12) 1-Methylnaphthalene	3.450	142	570089	2399.124 ng/ml	98
14) 2-Chloronaphthalene	3.666	162	643857	2415.663 ng/ml	97
15) 2,6-Dinitrotoluene	3.857	165	177710	2705.534 ng/ml#	92
16) Acenaphthylene	3.898	152	1002725	2429.287 ng/ml	99
18) Acenaphthene	3.998	153	672903	2434.447 ng/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L9.D
Acq On : 29 Dec 2024 01:53 pm
Operator : sv119:jjw
Sample : IL9,32,, #10901 2500 ng/ml
Misc : WG2015284,,ical
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 16:07:50 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:59 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.084	165	248081	2821.439 ng/ml#	85
20) Fluorene	4.288	166	791109	2491.142 ng/ml	97
23) 4,6-Dinitro-o-cresol	4.316	198	148490	2529.865 ng/ml	97
24) Hexachlorobenzene	4.607	284	243431	2348.853 ng/ml	90
25) Pentachlorophenol	4.718	266	154275	2689.340 ng/ml	100
26) Phenanthrene	4.836	178	1226441	2385.712 ng/ml	99
27) Anthracene	4.864	178	1256012	2436.878 ng/ml	100
28) Fluoranthene	5.531	202	1507744	2344.265 ng/ml	97
29) Pyrene	5.668	202	1545081	2327.401 ng/ml	100
32) Benzo[a]anthracene	6.436	228	1557204	2572.132 ng/ml	100
33) 3,3'-Dichlorobenzidine	6.421	252	561473	2558.506 ng/ml	99
34) Chrysene	6.465	228	1452499	2456.593 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.463	149	888762	2897.519 ng/ml	99
37) Benzo[b]fluoranthene	7.346	252	1444231	2509.671 ng/ml	100
38) Benzo[k]fluoranthene	7.372	252	1477398	2603.399 ng/ml	97
39) Benzo[a]pyrene	7.681	252	1304908	2672.357 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.055	276	1277350	2702.058 ng/ml	94
41) Dibenzo[a,h]anthracene	9.094	278	1205173M6	2748.120 ng/ml	
42) Benzo[g,h,i]perylene	9.426	276	1190170	2645.191 ng/ml	93

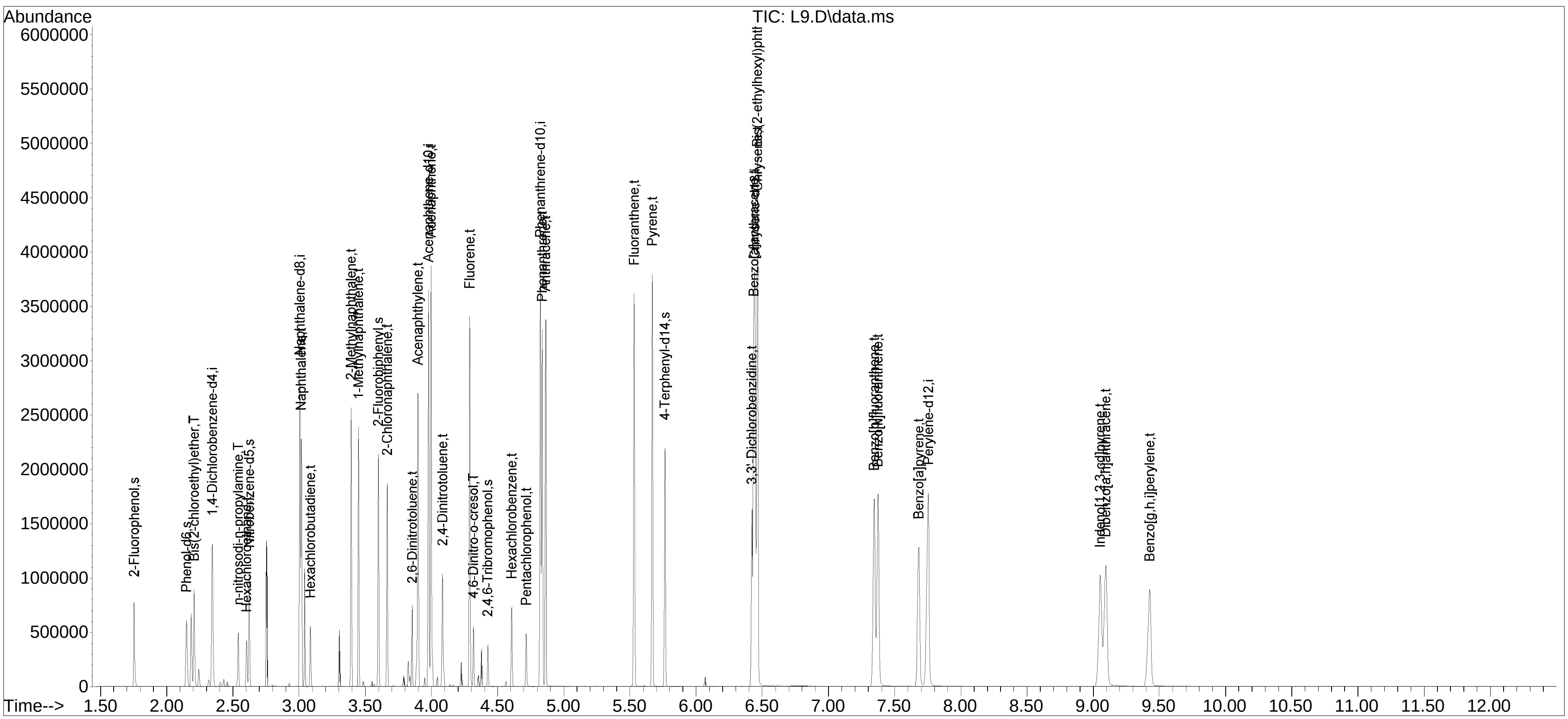
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L9.D
Acq On : 29 Dec 2024 01:53 pm
Operator : sv119:jjw
Sample : IL9,32,, #10901 2500 ng/ml
Misc : WG2015284,,ical
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 16:07:50 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:59 2024
Response via : Initial Calibration

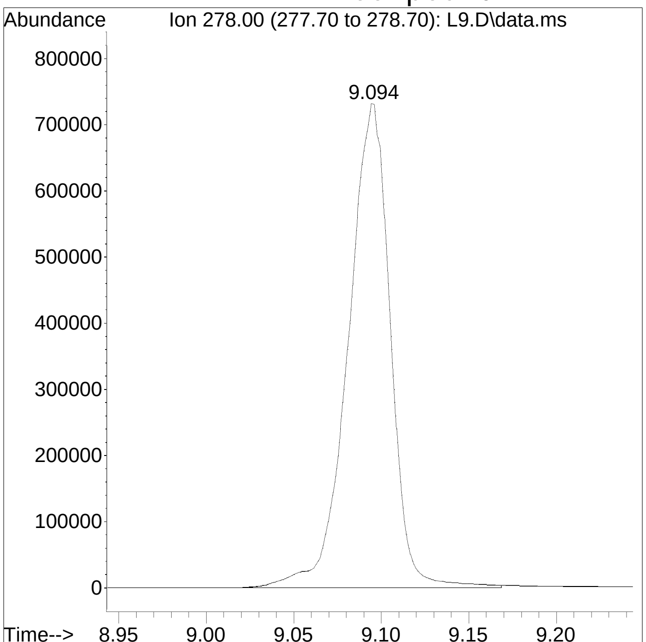
Sub List : Default - All compounds listedical\L8.D•

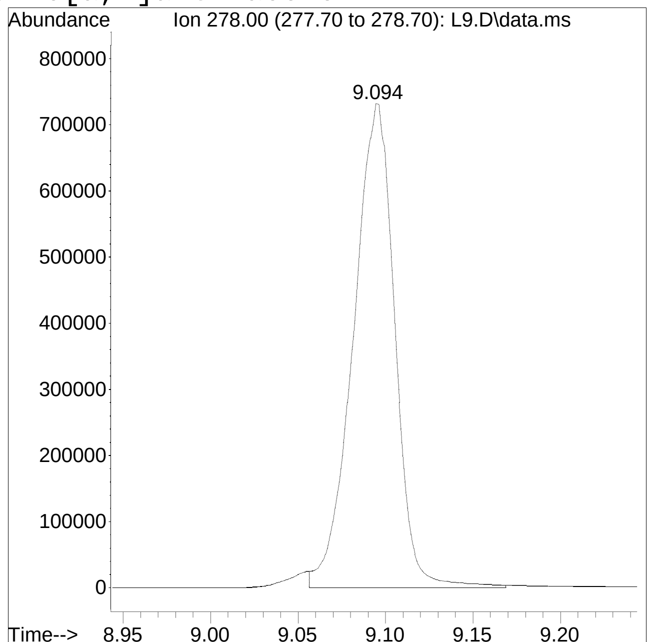


Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQMethod : SIM-RVT_241229_sv119.M
Data File : L9.D Operator : sv119:jjw
Date Inj'd : 12/29/2024 1:53 pm Instrument : SV119
Sample : IL9,32,, #10901 2500 ng/mlQuant Date : 12/31/2024 4:08 pm

Compound #41: Dibenzo[a,h]anthracene





Original Peak Response = 1224606 Manual Peak Response = 1205173 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L8.D
Acq On    : 29 Dec 2024  02:10 pm
Operator  : sv119:jjw
Sample    : IL8,32,, #10888 1000 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Dec 31 16:07:45 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List     : Default - All compounds listed

       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
  1) 1,4-Dichlorobenzene-d4      2.348  152    305578   4000.000 ng/ml    0.00
    Standard Area 1 = 305578                 Recovery   =  100.00%
  8) Naphthalene-d8              3.007  136   1146492   4000.000 ng/ml    0.00
    Standard Area 1 = 1146492                 Recovery   =  100.00%
 17) Acenaphthene-d10            3.981  164    714823   4000.000 ng/ml    0.00
    Standard Area 1 = 714823                 Recovery   =  100.00%
 22) Phenanthrene-d10            4.823  188   1521053   4000.000 ng/ml    0.00
    Standard Area 1 = 1521053                 Recovery   =  100.00%
 31) Chrysene-d12                6.442  240   1553026   4000.000 ng/ml    0.00
    Standard Area 1 = 1553026                 Recovery   =  100.00%
 36) Perylene-d12                7.747  264   1562574   4000.000 ng/ml   -0.02
    Standard Area 1 = 1562574                 Recovery   =  100.00%

 System Monitoring Compounds
  2) 2-Fluorophenol              1.754  112     82538   1008.085 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   50.40%
  3) Phenol-d6                   2.149   99    104272   1020.363 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   51.02%
  7) Nitrobenzene-d5             2.624   82     98311   992.074 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   99.21%
 13) 2-Fluorobiphenyl            3.598  172    264373   945.654 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   94.57%
 21) 2,4,6-Tribromophenol        4.425  330     33279   1066.690 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   53.33%
 30) 4-Terphenyl-d14             5.762  244    364120   964.971 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =   96.50%

 Target Compounds                                                  Qvalue
  4) Bis(2-chloroethyl)ether     2.208   93      89000    943.577 ng/ml#    77
  5) n-nitrosodi-n-propylamine   2.541   70      63954   1011.710 ng/ml    100
  6) Hexachloroethane            2.605  117      38084    961.533 ng/ml     94
  9) Naphthalene                 3.018  128     300505    939.794 ng/ml     99
 10) Hexachlorobutadiene         3.089  225      53732    954.870 ng/ml    100
 11) 2-Methylnaphthalene         3.395  142     214708    960.879 ng/ml     98
 12) 1-Methylnaphthalene         3.451  142     197962    962.169 ng/ml     98
 14) 2-Chloronaphthalene         3.667  162     221813    961.155 ng/ml     98
 15) 2,6-Dinitrotoluene          3.856  165      58451   1027.762 ng/ml#    91
 16) Acenaphthylene              3.899  152     346408    969.269 ng/ml    100
 18) Acenaphthene                3.997  153     230112    965.214 ng/ml     99
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L8.D
Acq On : 29 Dec 2024 02:10 pm
Operator : sv119:jjw
Sample : IL8,32,, #10888 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 31 16:07:45 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.083	165	79884	1053.352 ng/ml#	84
20) Fluorene	4.289	166	270902	989.033 ng/ml	97
23) 4,6-Dinitro-o-cresol	4.315	198	46279	928.938 ng/ml	98
24) Hexachlorobenzene	4.608	284	83312	929.216 ng/ml	90
25) Pentachlorophenol	4.716	266	44173	975.015 ng/ml	100
26) Phenanthrene	4.837	178	422591	950.213 ng/ml	99
27) Anthracene	4.864	178	429413	963.041 ng/ml	99
28) Fluoranthene	5.530	202	529706	952.014 ng/ml	97
29) Pyrene	5.667	202	546047	950.778 ng/ml	100
32) Benzo[a]anthracene	6.434	228	546693	993.722 ng/ml	99
33) 3,3'-Dichlorobenzidine	6.417	252	175197	900.458 ng/ml	99
34) Chrysene	6.462	228	512439	958.329 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.463	149	286862	1034.115 ng/ml	99
37) Benzo[b]fluoranthene	7.343	252	520748	1005.567 ng/ml	98
38) Benzo[k]fluoranthene	7.372	252	507018	992.819 ng/ml	98
39) Benzo[a]pyrene	7.676	252	450660	1025.574 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.052	276	444586	1045.067 ng/ml	93
41) Dibenzo[a,h]anthracene	9.089	278	424467M4	1075.558 ng/ml	
42) Benzo[g,h,i]perylene	9.414	276	415191	1025.415 ng/ml	93

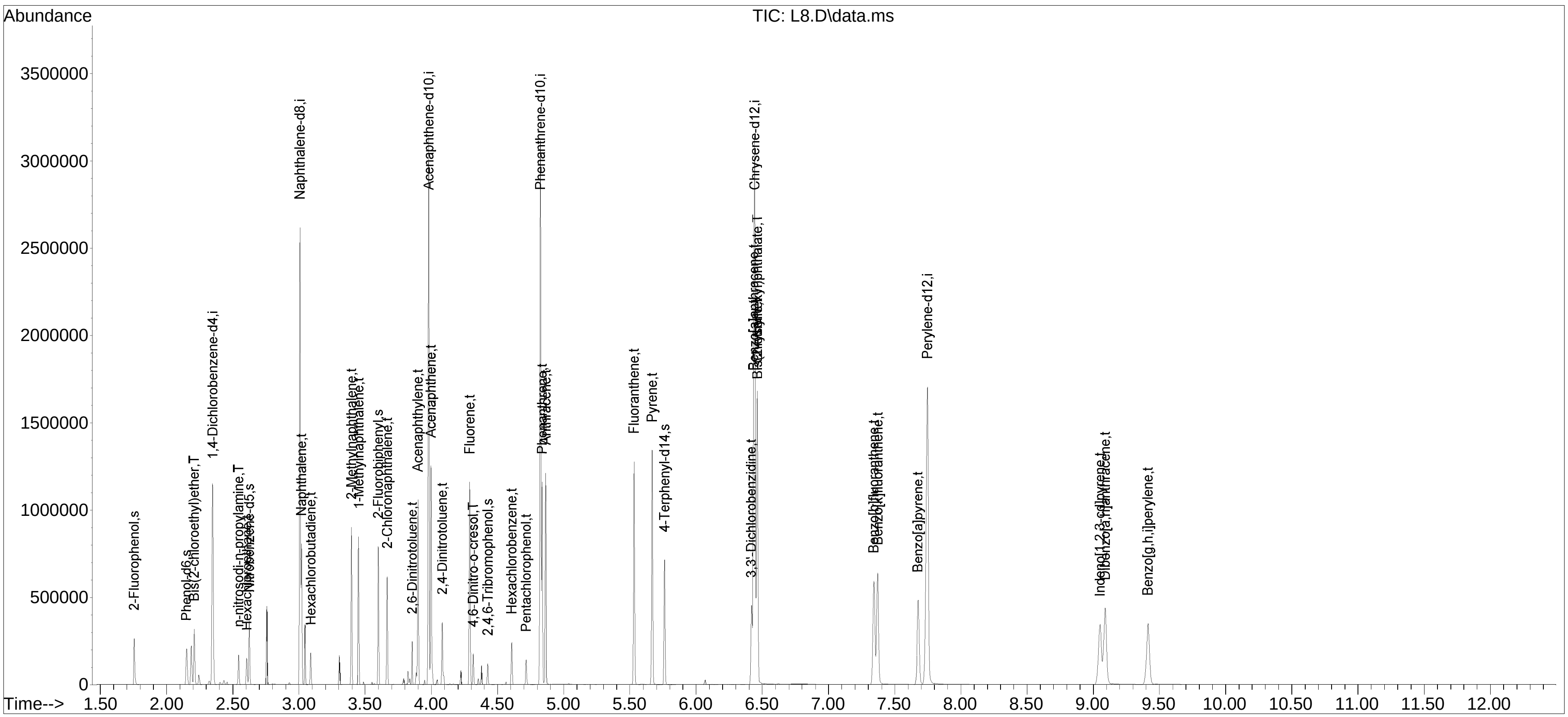
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L8.D
Acq On   : 29 Dec 2024 02:10 pm
Operator : sv119:jjw
Sample   : IL8,32,, #10888 1000 ng/ml
Misc   : WG2015284,,ical
ALS Vial : 3   Sample Multiplier: 1

Quant Time: Dec 31 16:07:45 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:54 2024
Response via : Initial Calibration

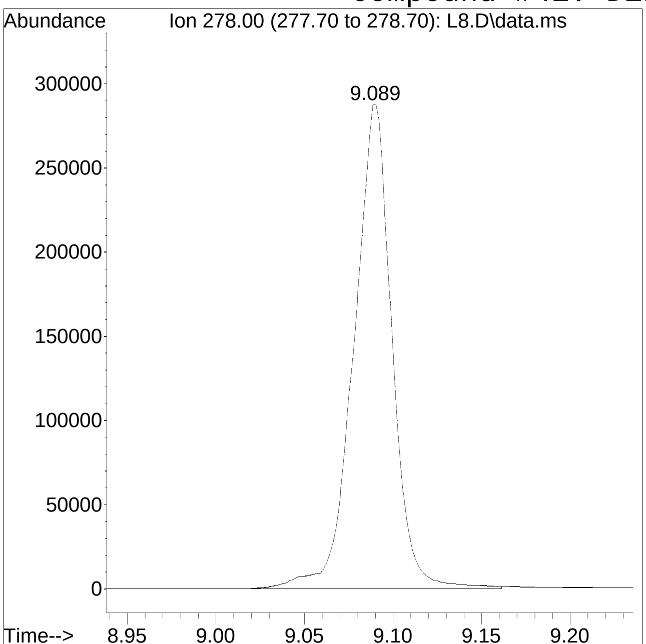
Sub List   : Default - All compounds listedical\L8.D•

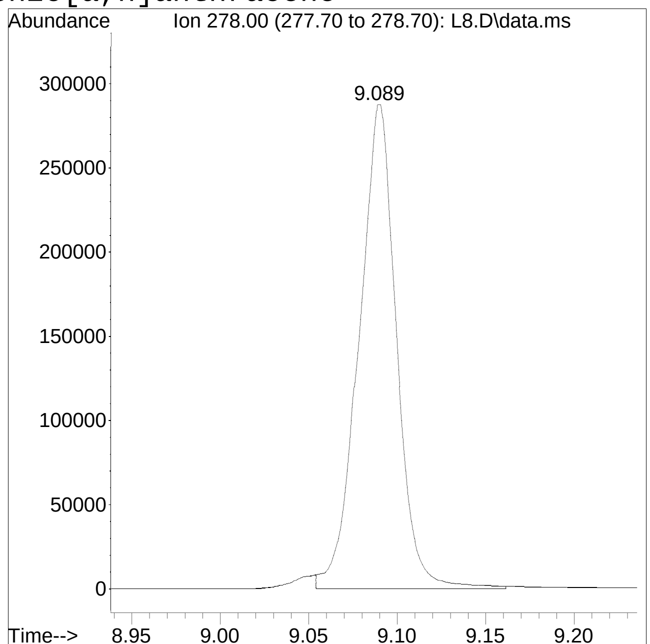


Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : L8.D                        Operator    : sv119:jjw
Date Inj'd  : 12/29/2024  2:10 pm         Instrument  : SV119
Sample      : IL8,32,, #10888 1000 ng/mlQuant Date  : 12/31/2024  4:08 pm
```

Compound #41: Dibenzo[a,h]anthracene





Original Peak Response = 432000   Manual Peak Response = 424467 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L7.D
Acq On    : 29 Dec 2024  02:27 pm
Operator  : sv119:jjw
Sample    : IL7,32,, #10889 500 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Dec 31 16:07:40 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:49 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List     : Default - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.347  152    277700   4000.000 ng/ml    0.00
   Standard Area 1 = 305578                 Recovery   =   90.88%
 8) Naphthalene-d8              3.009  136   1031350   4000.000 ng/ml    0.00
   Standard Area 1 = 1146492                 Recovery   =   89.96%
17) Acenaphthene-d10            3.981  164    642605   4000.000 ng/ml    0.00
   Standard Area 1 = 714823                 Recovery   =   89.90%
22) Phenanthrene-d10            4.823  188   1358701   4000.000 ng/ml    0.00
   Standard Area 1 = 1521053                 Recovery   =   89.33%
31) Chrysene-d12                6.441  240   1404741   4000.000 ng/ml    0.00
   Standard Area 1 = 1553026                 Recovery   =   90.45%
36) Perylene-d12                7.745  264   1401329   4000.000 ng/ml    0.00
   Standard Area 1 = 1562574                 Recovery   =   89.68%

 System Monitoring Compounds
 2) 2-Fluorophenol              1.751  112     36580   491.624 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   24.58%
 3) Phenol-d6                   2.149   99     45744   492.569 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   24.63%
 7) Nitrobenzene-d5             2.624   82     44951   499.146 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   49.91%
13) 2-Fluorobiphenyl            3.600  172    122309   486.338 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   48.63%
21) 2,4,6-Tribromophenol        4.427  330     14481   516.322 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   25.82%
30) 4-Terphenyl-d14             5.760  244    169972   504.275 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   50.43%

 Target Compounds                                                  Qvalue
 4) Bis(2-chloroethyl)ether     2.208   93      41071    479.147 ng/ml#    77
 5) n-nitrosodi-n-propylamine   2.543   70      28682    499.280 ng/ml    100
 6) Hexachloroethane            2.607  117      17362    482.356 ng/ml     94
 9) Naphthalene                 3.018  128     138206    480.477 ng/ml     99
10) Hexachlorobutadiene         3.089  225      24705    488.047 ng/ml    100
11) 2-Methylnaphthalene         3.397  142      98129    488.183 ng/ml     97
12) 1-Methylnaphthalene         3.453  142      91083    492.121 ng/ml     98
14) 2-Chloronaphthalene         3.666  162     102077    491.699 ng/ml     98
15) 2,6-Dinitrotoluene          3.856  165      25755    503.416 ng/ml#    90
16) Acenaphthylene              3.901  152     157411    489.617 ng/ml    100
18) Acenaphthene                3.999  153     105015    489.993 ng/ml    100
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L7.D
Acq On : 29 Dec 2024 02:27 pm
Operator : sv119:jjw
Sample : IL7,32,, #10889 500 ng/ml
Misc : WG2015284,,ical
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 31 16:07:40 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:49 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.085	165	34686	508.771 ng/ml#	91
20) Fluorene	4.289	166	122836	498.860 ng/ml	96
23) 4,6-Dinitro-o-cresol	4.315	198	18886	439.270 ng/ml	98
24) Hexachlorobenzene	4.608	284	38541	481.230 ng/ml	89
25) Pentachlorophenol	4.716	266	16039	405.437 ng/ml	100
26) Phenanthrene	4.836	178	194162	488.748 ng/ml	100
27) Anthracene	4.864	178	196722	493.904 ng/ml	99
28) Fluoranthene	5.530	202	243061	489.040 ng/ml	97
29) Pyrene	5.665	202	253172	493.498 ng/ml	100
32) Benzo[a]anthracene	6.433	228	255211	509.090 ng/ml	100
33) 3,3'-Dichlorobenzidine	6.415	252	72048	424.135 ng/ml	99
34) Chrysene	6.458	228	241633	499.587 ng/ml	99
35) Bis(2-ethylhexyl)phtha...	6.458	149	125474	500.071 ng/ml	100
37) Benzo[b]fluoranthene	7.339	252	237567	511.529 ng/ml	98
38) Benzo[k]fluoranthene	7.365	252	237883	519.410 ng/ml	98
39) Benzo[a]pyrene	7.671	252	204746	519.558 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.047	276	198795	521.068 ng/ml	93
41) Dibenzo[a,h]anthracene	9.084	278	193699M6	547.290 ng/ml	
42) Benzo[g,h,i]perylene	9.414	276	188750	519.803 ng/ml	93

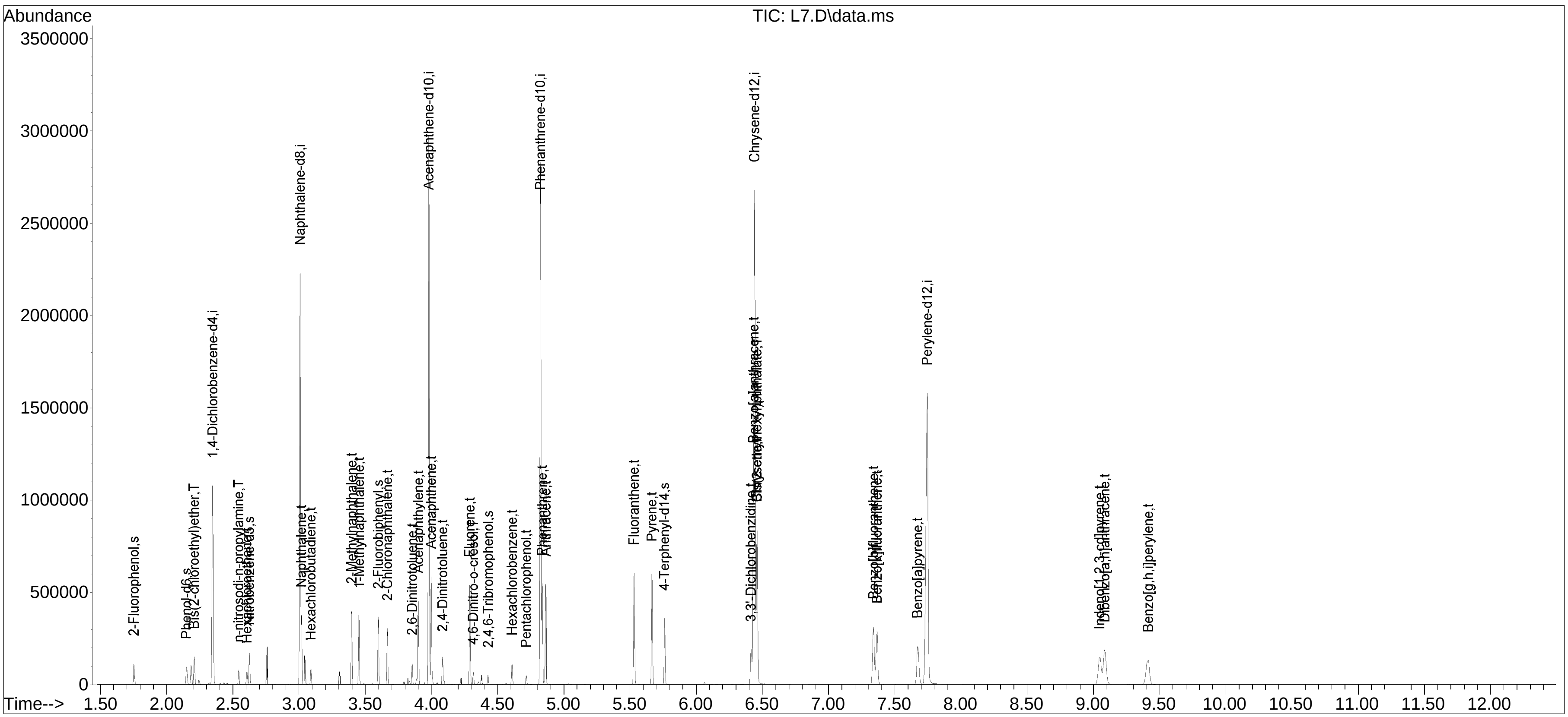
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L7.D
Acq On   : 29 Dec 2024 02:27 pm
Operator : sv119:jjw
Sample   : IL7,32,, #10889 500 ng/ml
Misc   : WG2015284,,ical
ALS Vial : 4   Sample Multiplier: 1

Quant Time: Dec 31 16:07:40 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:49 2024
Response via : Initial Calibration

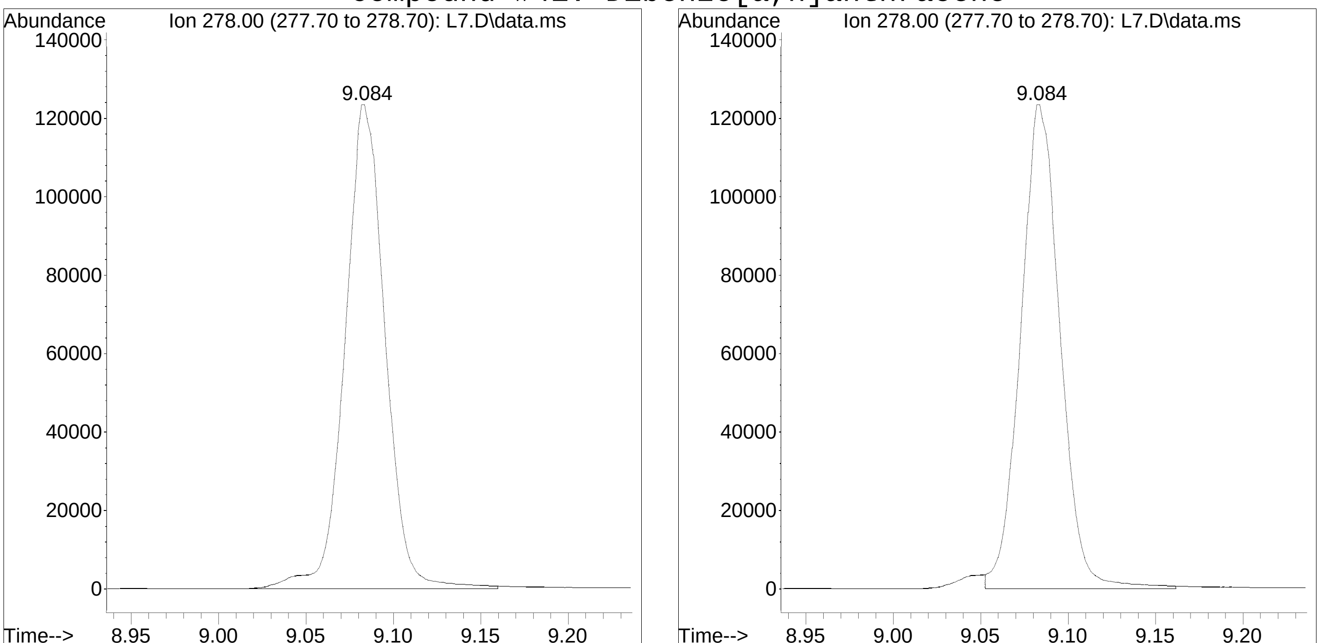
Sub List   : Default - All compounds listedical\L8.D•



Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQMethod : SIM-RVT_241229_sv119.M
Data File : L7.D Operator : sv119:jjw
Date Inj'd : 12/29/2024 2:27 pm Instrument : SV119
Sample : IL7,32,, #10889 500 ng/ml Quant Date : 12/31/2024 4:08 pm

Compound #41: Dibenzo[a,h]anthracene



Original Peak Response = 197427 Manual Peak Response = 193699 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L6.D
Acq On    : 29 Dec 2024  02:44 pm
Operator  : sv119:jjw
Sample    : IL6,32,, #11222 100 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Dec 31 16:07:35 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:44 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List     : Default - All compounds listed

        Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 ------------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.349  152    348584   4000.000 ng/ml    0.00
   Standard Area 1 = 305578                Recovery   =  114.07%
 8) Naphthalene-d8              3.010  136   1262202   4000.000 ng/ml    0.00
   Standard Area 1 = 1146492                Recovery   =  110.09%
17) Acenaphthene-d10            3.982  164    774717   4000.000 ng/ml    0.00
   Standard Area 1 = 714823                Recovery   =  108.38%
22) Phenanthrene-d10            4.824  188   1624304   4000.000 ng/ml    0.00
   Standard Area 1 = 1521053                Recovery   =  106.79%
31) Chrysene-d12                6.442  240   1715880   4000.000 ng/ml    0.00
   Standard Area 1 = 1553026                Recovery   =  110.49%
36) Perylene-d12                7.746  264   1679771   4000.000 ng/ml    0.00
   Standard Area 1 = 1562574                Recovery   =  107.50%

 System Monitoring Compounds
 2) 2-Fluorophenol              1.761  112      8463    90.611 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =    4.53%#
 3) Phenol-d6                   2.153   99     10183    87.353 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =    4.37%#
 7) Nitrobenzene-d5             2.627   82     10026    88.692 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =    8.87%#
13) 2-Fluorobiphenyl            3.601  172     27683    89.944 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =    8.99%#
21) 2,4,6-Tribromophenol        4.426  330      2917    86.270 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =    4.31%#
30) 4-Terphenyl-d14             5.760  244     38387    95.264 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =    9.53%#

 Target Compounds                                                   Qvalue
 4) Bis(2-chloroethyl)ether     2.212   93      9437     87.707 ng/ml#    77
 5) n-nitrosodi-n-propylamine   2.546   70      6307     87.463 ng/ml     98
 6) Hexachloroethane            2.608  117      3992     88.354 ng/ml     94
 9) Naphthalene                 3.021  128     31246     88.760 ng/ml    100
10) Hexachlorobutadiene         3.090  225      5602     90.427 ng/ml     99
11) 2-Methylnaphthalene         3.397  142     22197     90.231 ng/ml     98
12) 1-Methylnaphthalene         3.452  142     20577     90.843 ng/ml     98
14) 2-Chloronaphthalene         3.668  162     23306     91.731 ng/ml     98
15) 2,6-Dinitrotoluene          3.857  165      5395     86.166 ng/ml#    88
16) Acenaphthylene              3.900  152     35549     90.350 ng/ml    100
18) Acenaphthene                3.998  153     23490     90.912 ng/ml     99
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L6.D
Acq On : 29 Dec 2024 02:44 pm
Operator : sv119:jjw
Sample : IL6,32,, #11222 100 ng/ml
Misc : WG2015284,,ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 31 16:07:35 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:44 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.084	165	6802	82.757	ng/ml#	87
20) Fluorene	4.290	166	27026	91.041	ng/ml	96
23) 4,6-Dinitro-o-cresol	4.314	198	3224	86.212	ng/ml	100
24) Hexachlorobenzene	4.609	284	8612	89.948	ng/ml	89
25) Pentachlorophenol	4.718	266	4120	82.571	ng/ml	100
26) Phenanthrene	4.836	178	43401M6	91.386	ng/ml	
27) Anthracene	4.866	178	43275	90.883	ng/ml	99
28) Fluoranthene	5.529	202	53550	90.125	ng/ml	97
29) Pyrene	5.666	202	55647	90.734	ng/ml	99
32) Benzo[a]anthracene	6.434	228	58816	89.720	ng/ml	99
33) 3,3'-Dichlorobenzidine	6.413	252	13432	87.639	ng/ml	99
34) Chrysene	6.457	228	53579	90.690	ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.456	149	23895	77.964	ng/ml	98
37) Benzo[b]fluoranthene	7.339	252	49075	88.152	ng/ml	100
38) Benzo[k]fluoranthene	7.363	252	50767	92.474	ng/ml	96
39) Benzo[a]pyrene	7.672	252	41958	88.823	ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.043	276	40027	87.525	ng/ml	93
41) Dibenzo[a,h]anthracene	9.081	278	39005M6	91.939	ng/ml	
42) Benzo[g,h,i]perylene	9.404	276	39026	89.659	ng/ml	93

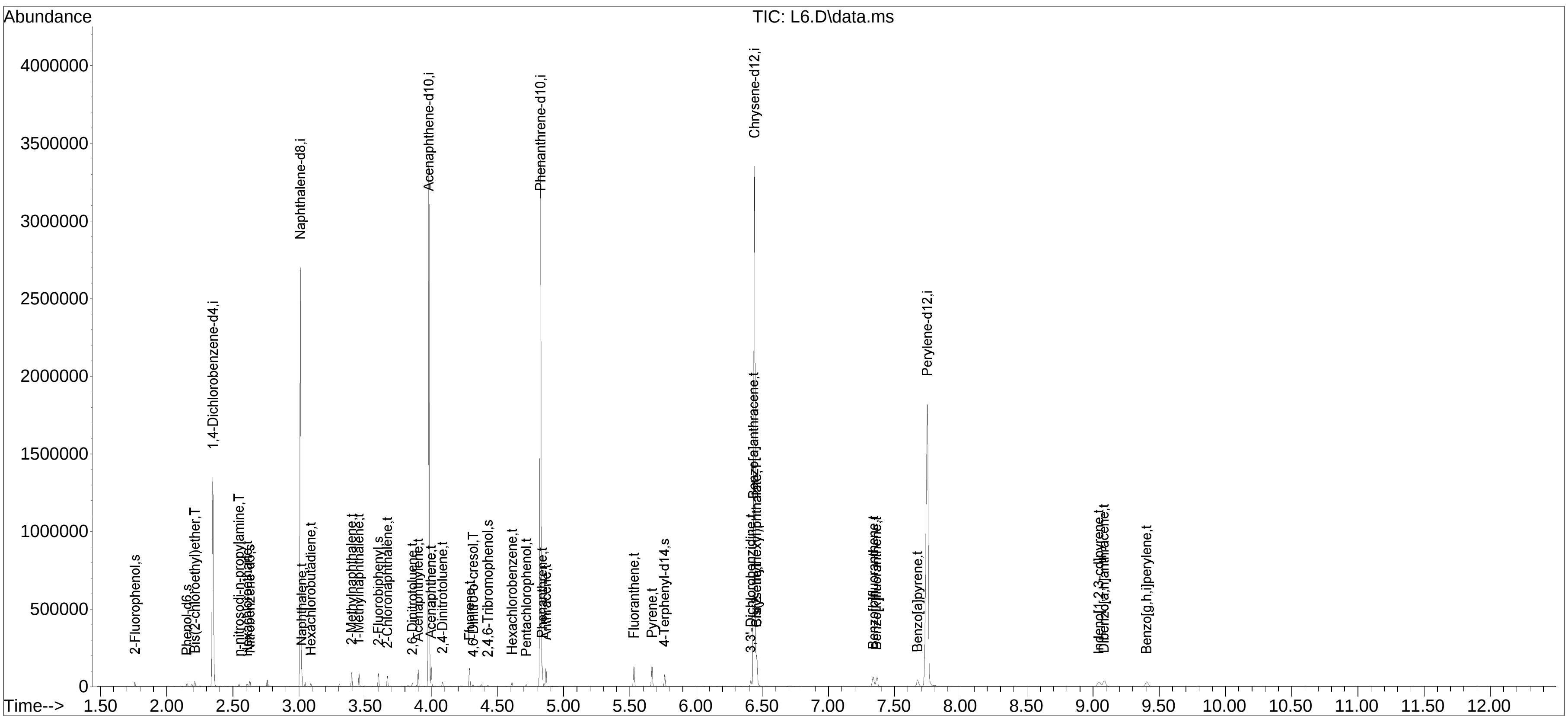
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L6.D
Acq On : 29 Dec 2024 02:44 pm
Operator : sv119:jjw
Sample : IL6,32,, #11222 100 ng/ml
Misc : WG2015284,,ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 31 16:07:35 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:44 2024
Response via : Initial Calibration

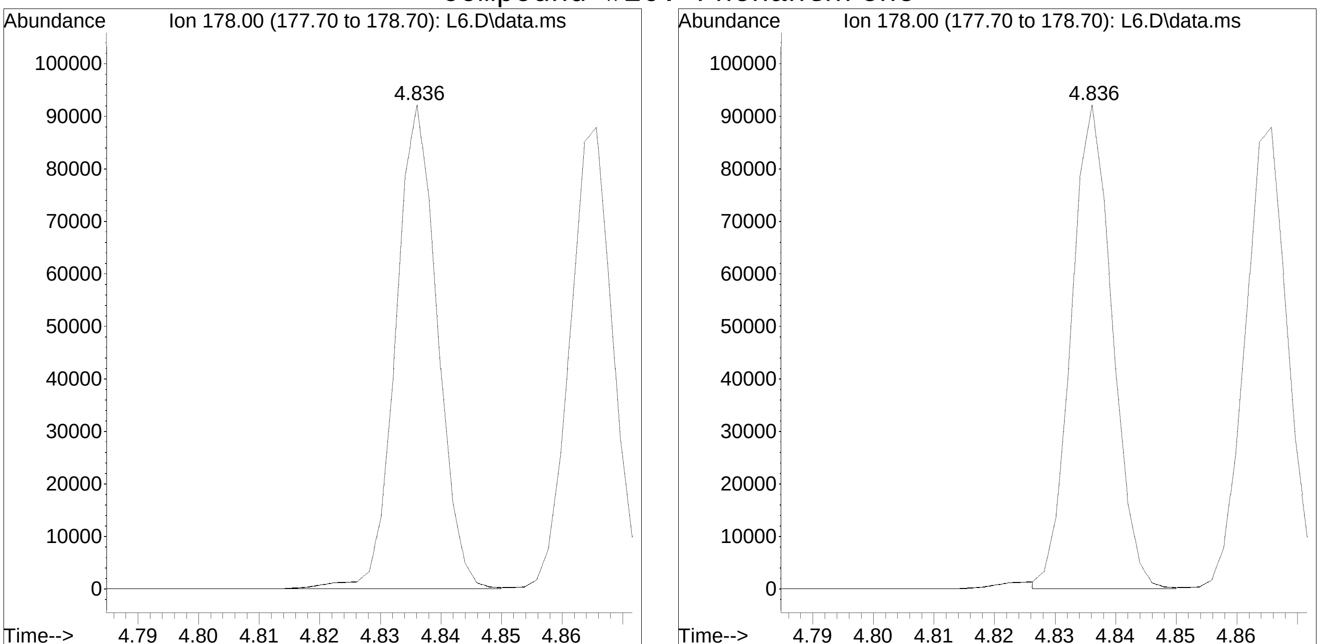
Sub List : Default - All compounds listedical\L8.D•



Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File    : L6.D                             Operator     : sv119:jjw
Date Inj'd   : 12/29/2024  2:44 pm              Instrument   : SV119
Sample       : IL6,32,, #11222 100 ng/ml Quant Date  : 12/31/2024  4:08 pm
```

Compound #26: Phenanthrene



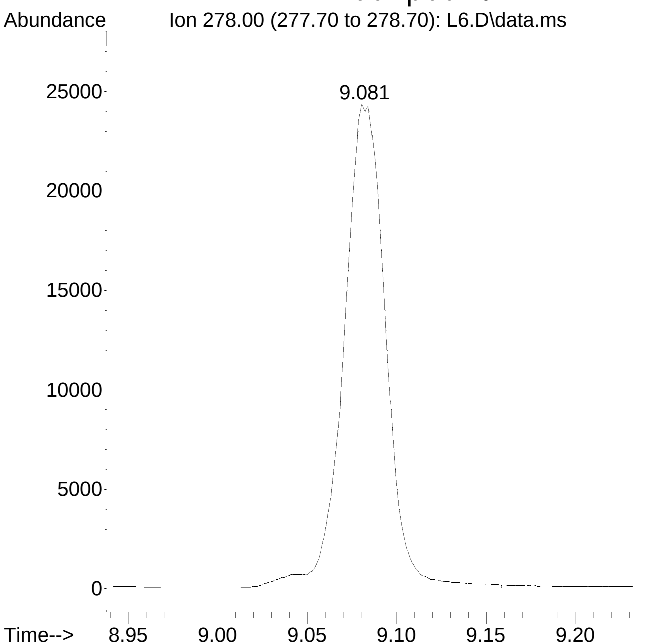
Original Peak Response = 44024 Manual Peak Response = 43401 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

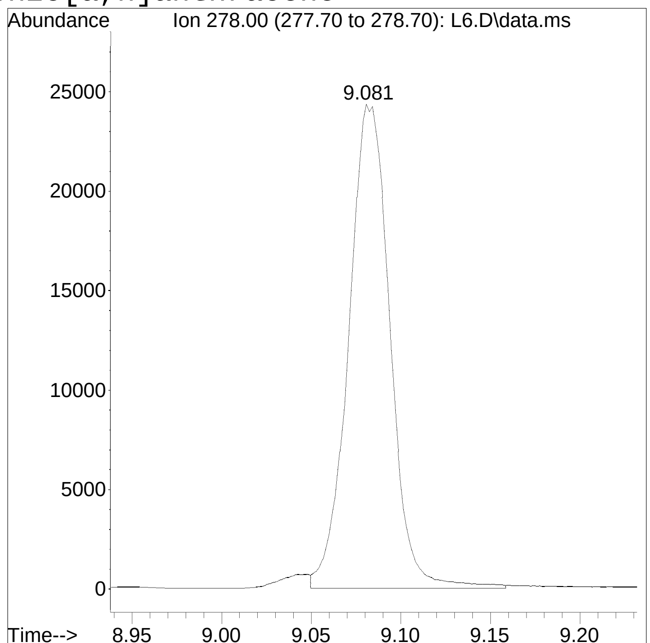
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L6.D
Date Inj'd : 12/29/2024 2:44 pm
Sample : IL6,32,, #11222 100 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:08 pm

Compound #41: Dibenzo[a,h]anthracene





Original Peak Response = 39833

Manual Peak Response = 39005 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L5.D
Acq On : 29 Dec 2024 03:01 pm
Operator : sv119:jjw
Sample : IL5,32,, #10891 40 ng/ml
Misc : WG2015284,,ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 31 16:07:30 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:39 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.349	152	371978	4000.000 ng/ml	0.00
Standard Area 1 = 305578			Recovery	= 121.73%	
8) Naphthalene-d8	3.010	136	1361124	4000.000 ng/ml	0.00
Standard Area 1 = 1146492			Recovery	= 118.72%	
17) Acenaphthene-d10	3.982	164	850825	4000.000 ng/ml	0.00
Standard Area 1 = 714823			Recovery	= 119.03%	
22) Phenanthrene-d10	4.824	188	1815883	4000.000 ng/ml	0.00
Standard Area 1 = 1521053			Recovery	= 119.38%	
31) Chrysene-d12	6.439	240	1971843	4000.000 ng/ml	0.00
Standard Area 1 = 1553026			Recovery	= 126.97%	
36) Perylene-d12	7.743	264	1883991	4000.000 ng/ml	0.00
Standard Area 1 = 1562574			Recovery	= 120.57%	
System Monitoring Compounds					
2) 2-Fluorophenol	1.762	112	3960	39.732 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 1.99%#	
3) Phenol-d6	2.153	99	4868	39.133 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 1.96%#	
7) Nitrobenzene-d5	2.627	82	4930	40.869 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 4.09%#	
13) 2-Fluorobiphenyl	3.601	172	13741	41.401 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 4.14%#	
21) 2,4,6-Tribromophenol	4.426	330	1339	36.058 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 1.80%#	
30) 4-Terphenyl-d14	5.760	244	19393	43.050 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 4.30%#	
Target Compounds					Qvalue
4) Bis(2-chloroethyl)ether	2.212	93	5775	50.297 ng/ml	99
5) n-nitrosodi-n-propylamine	2.546	70	3022	39.272 ng/ml	100
6) Hexachloroethane	2.608	117	1928	39.988 ng/ml	93
9) Naphthalene	3.021	128	15283	40.259 ng/ml	100
10) Hexachlorobutadiene	3.090	225	2730	40.865 ng/ml	99
11) 2-Methylnaphthalene	3.398	142	10887	41.039 ng/ml	98
12) 1-Methylnaphthalene	3.452	142	10053	41.157 ng/ml	98
14) 2-Chloronaphthalene	3.668	162	11392	41.580 ng/ml	98
15) 2,6-Dinitrotoluene	3.857	165	2603	38.552 ng/ml#	87
16) Acenaphthylene	3.900	152	17461	41.153 ng/ml	100
18) Acenaphthene	4.000	153	11585	40.826 ng/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L5.D
Acq On : 29 Dec 2024 03:01 pm
Operator : sv119:jjw
Sample : IL5,32,, #10891 40 ng/ml
Misc : WG2015284,,ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 31 16:07:30 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:39 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.084	165	3137	34.753 ng/ml#	84
20) Fluorene	4.290	166	13325	40.872 ng/ml	96
23) 4,6-Dinitro-o-cresol	4.316	198	1502	51.908 ng/ml	97
24) Hexachlorobenzene	4.609	284	4349	40.631 ng/ml	89
25) Pentachlorophenol	4.718	266	2504	41.336 ng/ml	99
26) Phenanthrene	4.836	178	21799M6	41.058 ng/ml	
27) Anthracene	4.866	178	21558	40.498 ng/ml	99
28) Fluoranthene	5.529	202	27023	40.682 ng/ml	97
29) Pyrene	5.664	202	28030	40.882 ng/ml	99
32) Benzo[a]anthracene	6.430	228	33056	39.893 ng/ml	97
33) 3,3'-Dichlorobenzidine	6.411	252	6647	53.130 ng/ml	99
34) Chrysene	6.455	228	26991	39.756 ng/ml	99
35) Bis(2-ethylhexyl)phtha...	6.455	149	12116	34.400 ng/ml	98
37) Benzo[b]fluoranthene	7.334	252	24381	39.048 ng/ml	98
38) Benzo[k]fluoranthene	7.360	252	24703	40.120 ng/ml	98
39) Benzo[a]pyrene	7.669	252	20397	38.499 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.037	276	19225	37.481 ng/ml	94
41) Dibenzo[a,h]anthracene	9.077	278	18024	37.879 ng/ml	92
42) Benzo[g,h,i]perylene	9.404	276	18496	37.887 ng/ml	93

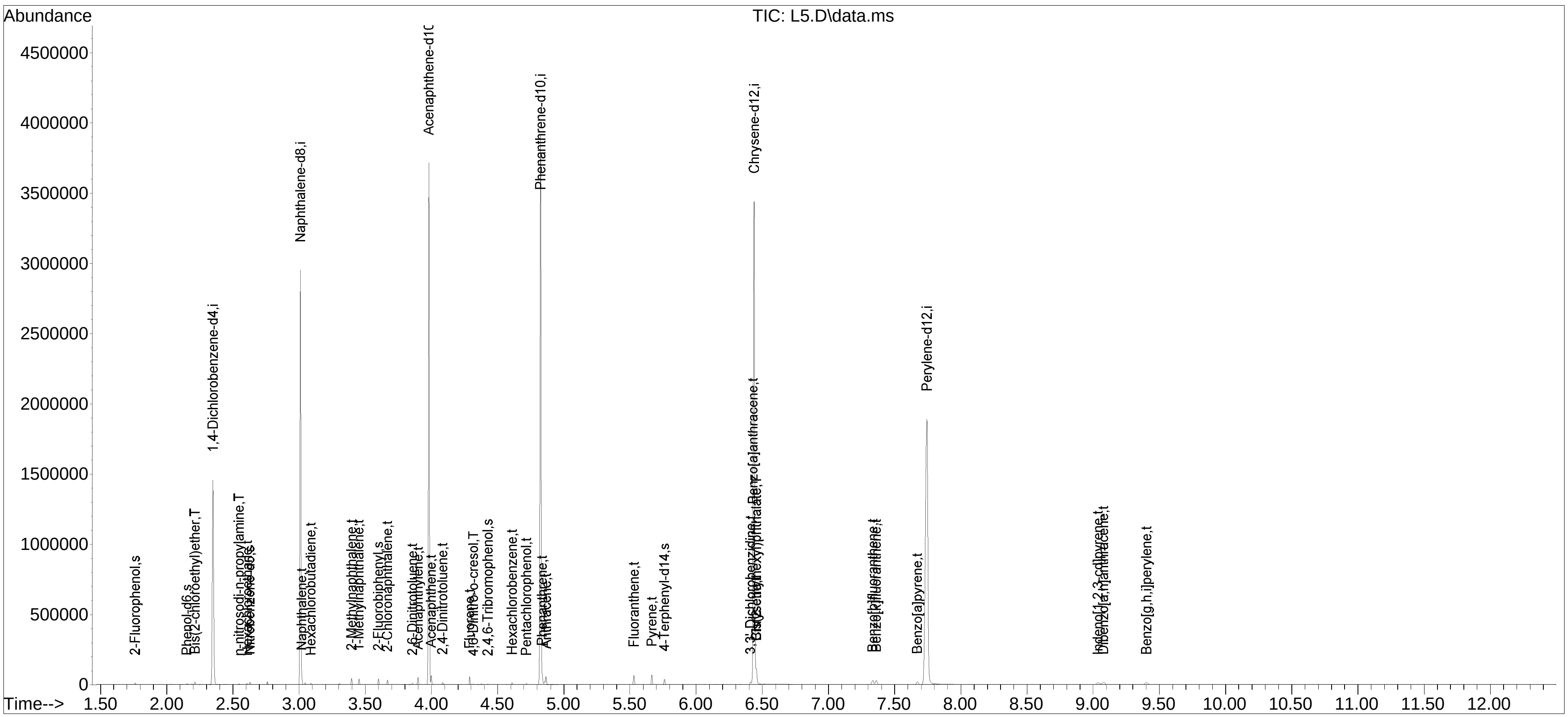
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L5.D
Acq On : 29 Dec 2024 03:01 pm
Operator : sv119:jjw
Sample : IL5,32,, #10891 40 ng/ml
Misc : WG2015284,,ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 31 16:07:30 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:39 2024
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•



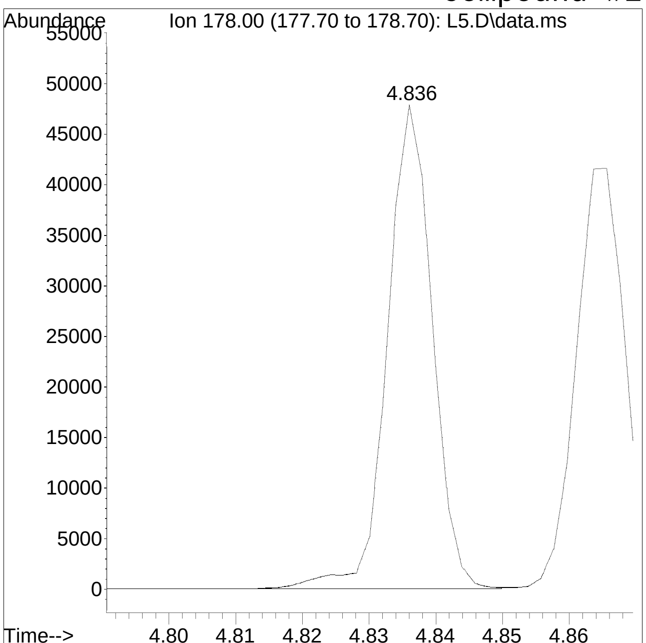
SIM-RVT_241229_sv119.M Tue Dec 31 16:16:19 2024 Page: 3

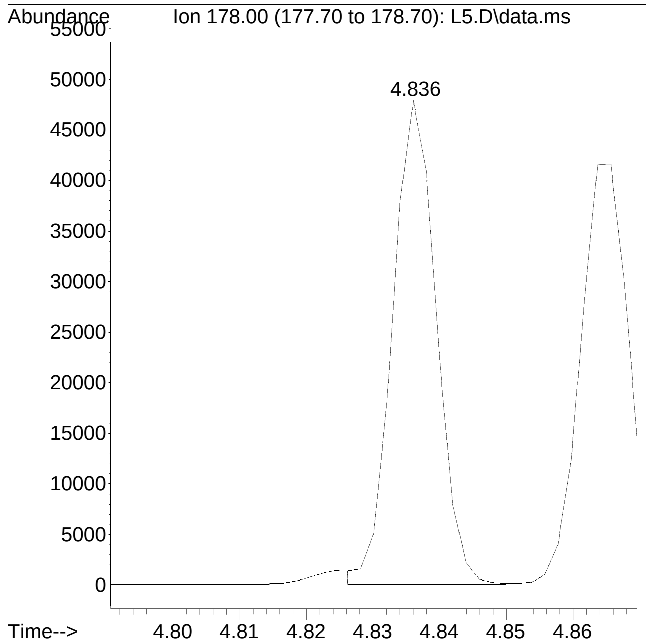
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L5.D
Date Inj'd : 12/29/2024 3:01 pm
Sample : IL5,32,, #10891 40 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:08 pm

Compound #26: Phenanthrene





Original Peak Response = 22403

Manual Peak Response = 21799 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L4.D
Acq On : 29 Dec 2024 03:18 pm
Operator : sv119:jjw
Sample : IL4,32,, #10892 10 ng/ml
Misc : WG2015284,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 31 16:07:24 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:34 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.347	152	370999	4000.000 ng/ml	0.00
Standard Area 1 = 305578			Recovery	= 121.41%	
8) Naphthalene-d8	3.011	136	1351451	4000.000 ng/ml	0.00
Standard Area 1 = 1146492			Recovery	= 117.88%	
17) Acenaphthene-d10	3.983	164	838484	4000.000 ng/ml	0.00
Standard Area 1 = 714823			Recovery	= 117.30%	
22) Phenanthrene-d10	4.825	188	1741192	4000.000 ng/ml	0.00
Standard Area 1 = 1521053			Recovery	= 114.47%	
31) Chrysene-d12	6.437	240	1850107	4000.000 ng/ml	0.00
Standard Area 1 = 1553026			Recovery	= 119.13%	
36) Perylene-d12	7.743	264	1793742	4000.000 ng/ml	0.00
Standard Area 1 = 1562574			Recovery	= 114.79%	

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
2) 2-Fluorophenol	1.761	112	974	9.798 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.49%#	
3) Phenol-d6	2.152	99	1209	9.745 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.49%#	
7) Nitrobenzene-d5	2.628	82	1197	9.949 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.99%#	
13) 2-Fluorobiphenyl	3.602	172	3346	10.153 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 1.02%#	
21) 2,4,6-Tribromophenol	4.425	330	305	8.334 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.42%#	
30) 4-Terphenyl-d14	5.759	244	4386	10.154 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 1.02%#	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
4) Bis(2-chloroethyl)ether	2.213	93	1174	10.252 ng/ml#	79
5) n-nitrosodi-n-propylamine	2.547	70	773	10.072 ng/ml	99
6) Hexachloroethane	2.608	117	484	10.065 ng/ml	92
9) Naphthalene	3.020	128	3813	10.116 ng/ml	99
10) Hexachlorobutadiene	3.091	225	683	10.297 ng/ml	99
11) 2-Methylnaphthalene	3.398	142	2645	10.042 ng/ml	98
12) 1-Methylnaphthalene	3.453	142	2455	10.123 ng/ml	97
14) 2-Chloronaphthalene	3.669	162	2786	10.241 ng/ml	97
15) 2,6-Dinitrotoluene	3.856	165	657	9.800 ng/ml	91
16) Acenaphthylene	3.901	152	4223	10.024 ng/ml	99
18) Acenaphthene	3.999	153	2795	9.995 ng/ml	91

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L4.D
Acq On : 29 Dec 2024 03:18 pm
Operator : sv119:jjw
Sample : IL4,32,, #10892 10 ng/ml
Misc : WG2015284,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 31 16:07:24 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:34 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.085	165	725	8.150 ng/ml#	85
20) Fluorene	4.291	166	3148	9.798 ng/ml	95
23) 4,6-Dinitro-o-cresol	4.317	198	263	31.874 ng/ml	99
24) Hexachlorobenzene	4.608	284	1045	10.182 ng/ml	90
25) Pentachlorophenol	4.718	266	1018	12.918 ng/ml	95
26) Phenanthrene	4.837	178	5063	9.945 ng/ml	98
27) Anthracene	4.864	178	5037	9.868 ng/ml	99
28) Fluoranthene	5.528	202	6189	9.717 ng/ml	98
29) Pyrene	5.663	202	6449	9.809 ng/ml	99
32) Benzo[a]anthracene	6.432	228	11427	9.770 ng/ml#	89
33) 3,3'-Dichlorobenzidine	6.410	252	1506	33.333 ng/ml	99
34) Chrysene	6.453	228	6339	9.951 ng/ml	98
35) Bis(2-ethylhexyl)phtha...	6.454	149	2705	8.185 ng/ml	100
37) Benzo[b]fluoranthene	7.331	252	5732	9.642 ng/ml	98
38) Benzo[k]fluoranthene	7.360	252	5454	9.303 ng/ml	98
39) Benzo[a]pyrene	7.669	252	4705	9.327 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.035	276	4520	9.256 ng/ml	95
41) Dibenzo[a,h]anthracene	9.078	278	4132	9.121 ng/ml	93
42) Benzo[g,h,i]perylene	9.402	276	4376	9.415 ng/ml	93

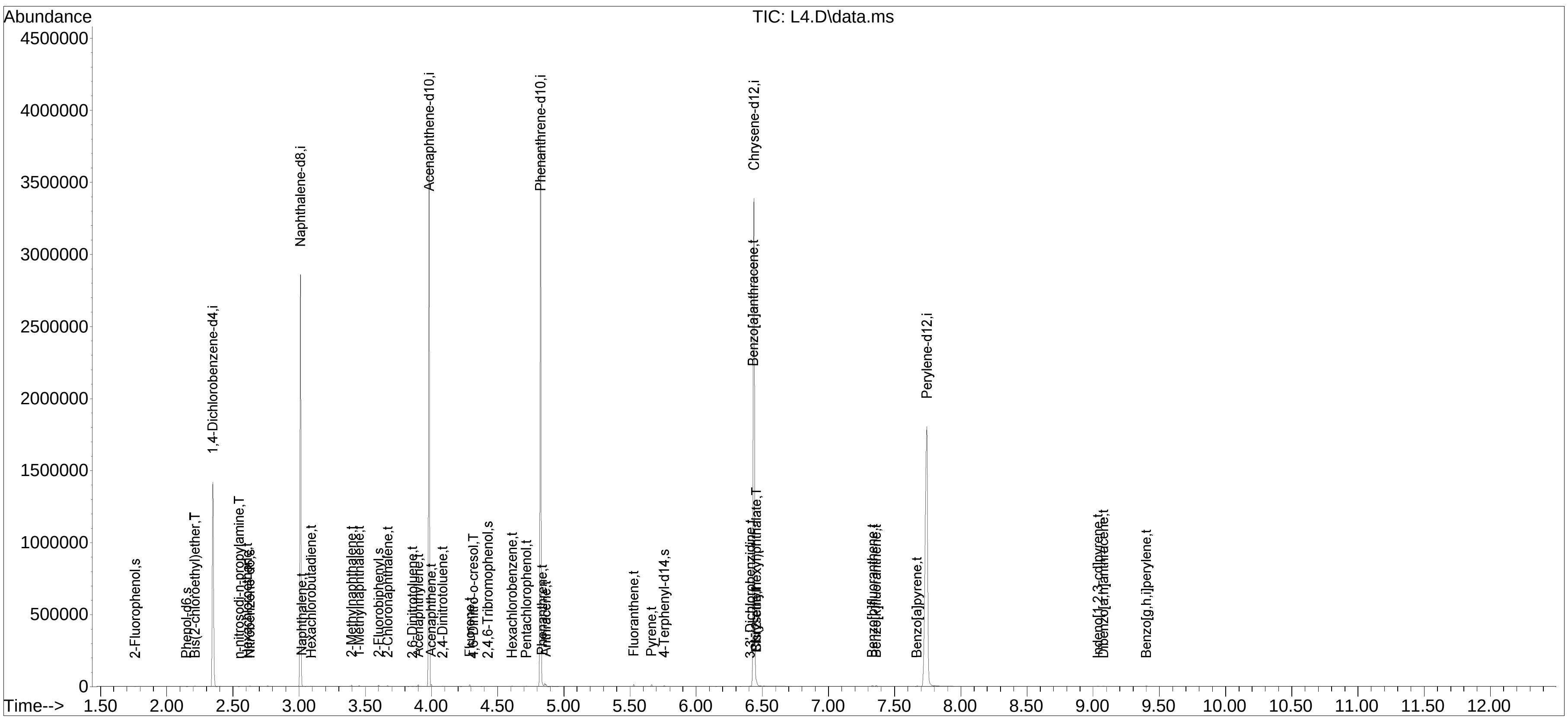
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L4.D
Acq On   : 29 Dec 2024 03:18 pm
Operator : sv119:jjw
Sample   : IL4,32,, #10892 10 ng/ml
Misc   : WG2015284,,ical
ALS Vial : 7   Sample Multiplier: 1

Quant Time: Dec 31 16:07:24 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:34 2024
Response via : Initial Calibration

Sub List   : Default - All compounds listedical\L8.D•



Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : L4.D                      Operator    : sv119:jjw
Date Inj'd  : 12/29/2024  3:18 pm       Instrument  : SV119
Sample      : IL4,32,, #10892 10 ng/ml  Quant Date  : 12/31/2024  4:08 pm
```

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L3.D
Acq On : 29 Dec 2024 03:35 pm
Operator : sv119:jjw
Sample : IL3,32,, #10893 5 ng/ml
Misc : WG2015284,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 31 16:10:32 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:29 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.349	152	381992	4000.000 ng/ml	0.00
Standard Area 1 = 305578			Recovery	= 125.01%	
8) Naphthalene-d8	3.010	136	1374019	4000.000 ng/ml	0.00
Standard Area 1 = 1146492			Recovery	= 119.85%	
17) Acenaphthene-d10	3.982	164	845214	4000.000 ng/ml	0.00
Standard Area 1 = 714823			Recovery	= 118.24%	
22) Phenanthrene-d10	4.824	188	1771374	4000.000 ng/ml	0.00
Standard Area 1 = 1521053			Recovery	= 116.46%	
31) Chrysene-d12	6.438	240	1918872	4000.000 ng/ml	0.00
Standard Area 1 = 1553026			Recovery	= 123.56%	
36) Perylene-d12	7.741	264	1850785	4000.000 ng/ml	0.00
Standard Area 1 = 1562574			Recovery	= 118.44%	

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
2) 2-Fluorophenol	1.762	112	501	4.895 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.24%#	
3) Phenol-d6	2.153	99	617	4.830 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.24%#	
7) Nitrobenzene-d5	2.629	82	636	5.134 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.51%#	
13) 2-Fluorobiphenyl	3.601	172	1692	5.050 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.51%#	
21) 2,4,6-Tribromophenol	4.426	330	165	4.473 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.22%#	
30) 4-Terphenyl-d14	5.758	244	2294	5.220 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.52%#	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
4) Bis(2-chloroethyl)ether	2.212	93	624	5.292 ng/ml	85
5) n-nitrosodi-n-propylamine	2.548	70	386	4.885 ng/ml	100
6) Hexachloroethane	2.610	117	245	4.948 ng/ml	92
9) Naphthalene	3.021	128	1938	5.057 ng/ml	97
10) Hexachlorobutadiene	3.090	225	353	5.234 ng/ml	98
11) 2-Methylnaphthalene	3.398	142	1337	4.993 ng/ml	96
12) 1-Methylnaphthalene	3.454	142	1237	5.017 ng/ml	97
14) 2-Chloronaphthalene	3.668	162	1396	5.047 ng/ml	97
15) 2,6-Dinitrotoluene	3.857	165	353	5.179 ng/ml	95
16) Acenaphthylene	3.900	152	2146	5.010 ng/ml	99
18) Acenaphthene	4.000	153	1432	5.080 ng/ml	91

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L3.D
Acq On : 29 Dec 2024 03:35 pm
Operator : sv119:jjw
Sample : IL3,32,, #10893 5 ng/ml
Misc : WG2015284,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 31 16:10:32 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:29 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.084	165	370	4.126 ng/ml#	86
20) Fluorene	4.290	166	1579	4.875 ng/ml	93
23) 4,6-Dinitro-o-cresol	4.319	198	103M7	29.122 ng/ml	
24) Hexachlorobenzene	4.607	284	528	5.057 ng/ml	92
25) Pentachlorophenol	4.718	266	755	7.237 ng/ml	98
26) Phenanthrene	4.836	178	2595M7	5.010 ng/ml	
27) Anthracene	4.864	178	2580	4.968 ng/ml	99
28) Fluoranthene	5.527	202	3205	4.946 ng/ml	96
29) Pyrene	5.664	202	3335	4.986 ng/ml	100
32) Benzo[a]anthracene	6.436	228	8508	4.812 ng/ml#	84
33) 3,3'-Dichlorobenzidine	6.410	252	822	30.347 ng/ml	98
34) Chrysene	6.454	228	3307	5.005 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.454	149	1563	4.560 ng/ml	96
37) Benzo[b]fluoranthene	7.332	252	3017	4.919 ng/ml	97
38) Benzo[k]fluoranthene	7.358	252	2800	4.629 ng/ml	98
39) Benzo[a]pyrene	7.667	252	2428	4.665 ng/ml	98
40) Indeno[1,2,3-cd]pyrene	9.037	276	2345	4.654 ng/ml	93
41) Dibenzo[a,h]anthracene	9.075	278	2106	4.505 ng/ml#	91
42) Benzo[g,h,i]perylene	9.400	276	2235	4.660 ng/ml	94

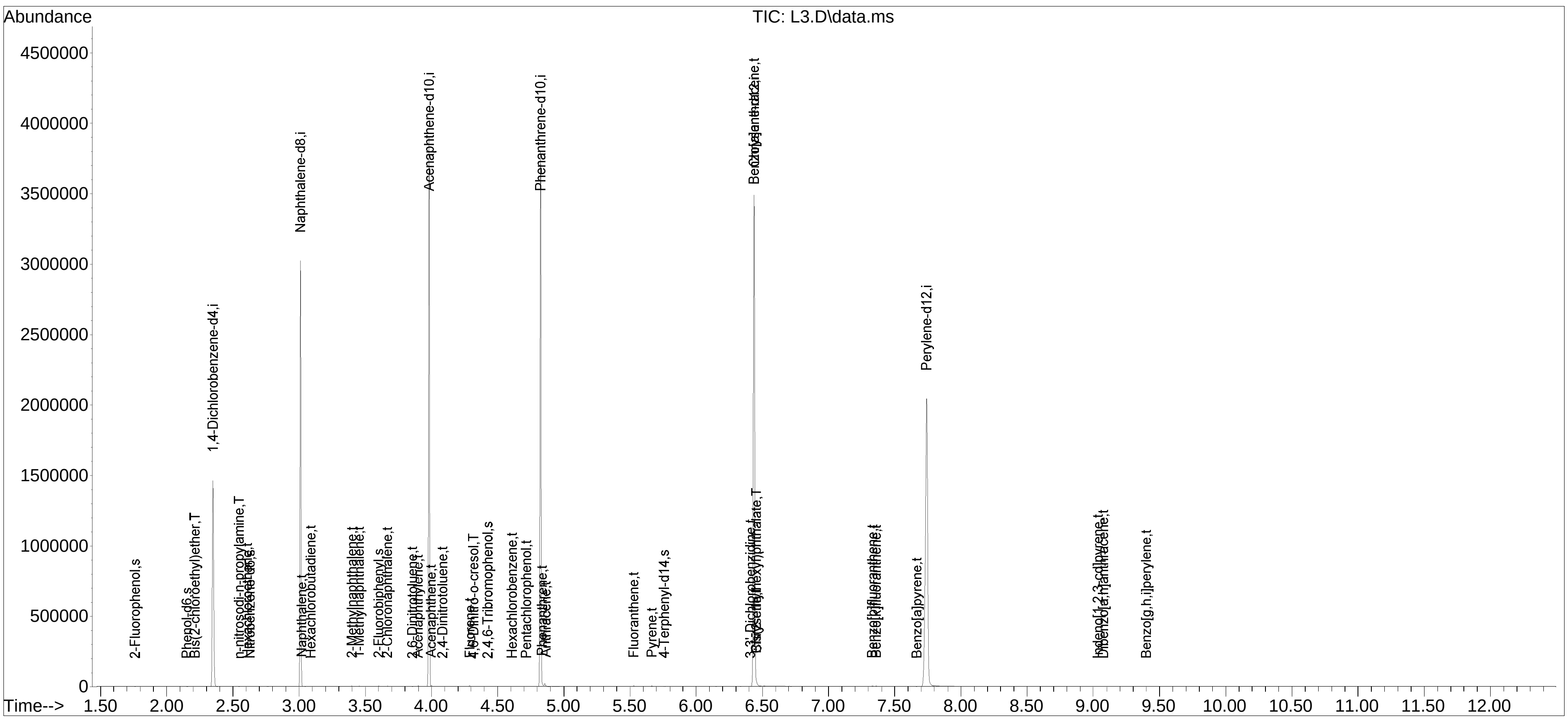
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L3.D
Acq On : 29 Dec 2024 03:35 pm
Operator : sv119:jjw
Sample : IL3,32,, #10893 5 ng/ml
Misc : WG2015284,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 31 16:10:32 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:29 2024
Response via : Initial Calibration

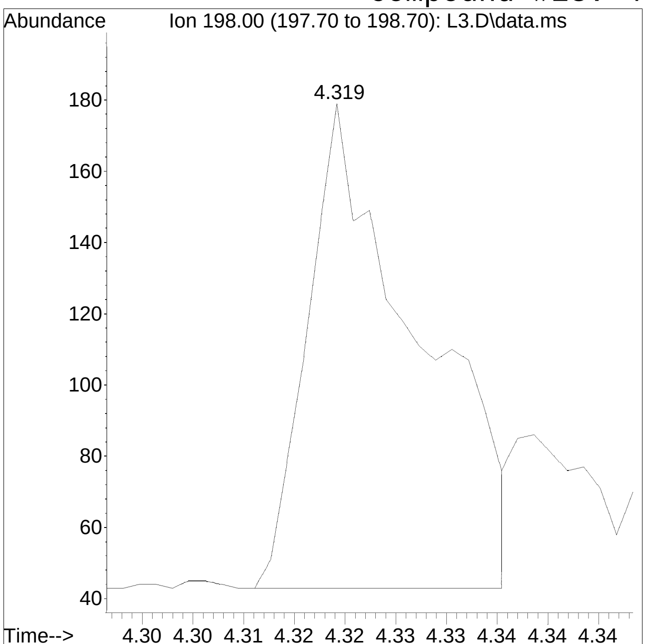
Sub List : Default - All compounds listedical\L8.D•

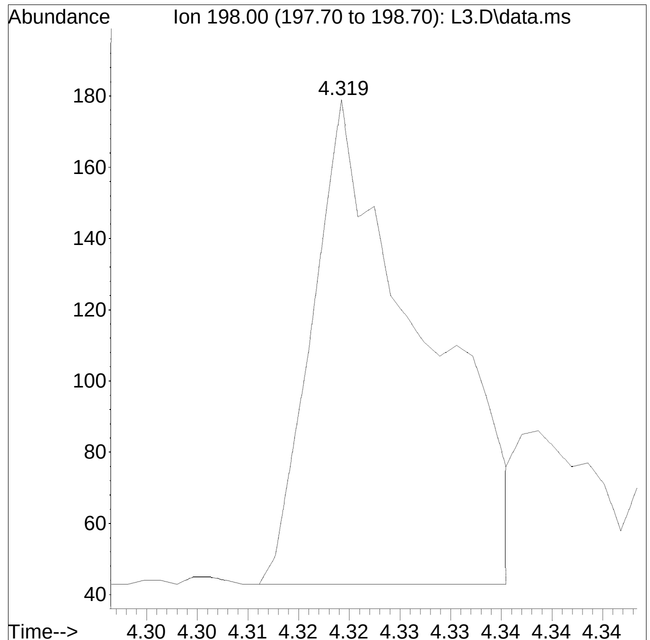


Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Method : SIM-RVT_241229_sv119.M
Data File : L3.D
Operator : sv119:jjw
Date Inj'd : 12/29/2024 3:35 pm
Instrument : SV119
Sample : IL3,32,, #10893 5 ng/ml
Quant Date : 12/31/2024 4:08 pm

Compound #23: 4,6-Dinitro-o-cresol





Original Peak Response = 103
Manual Peak Response = 103 M7

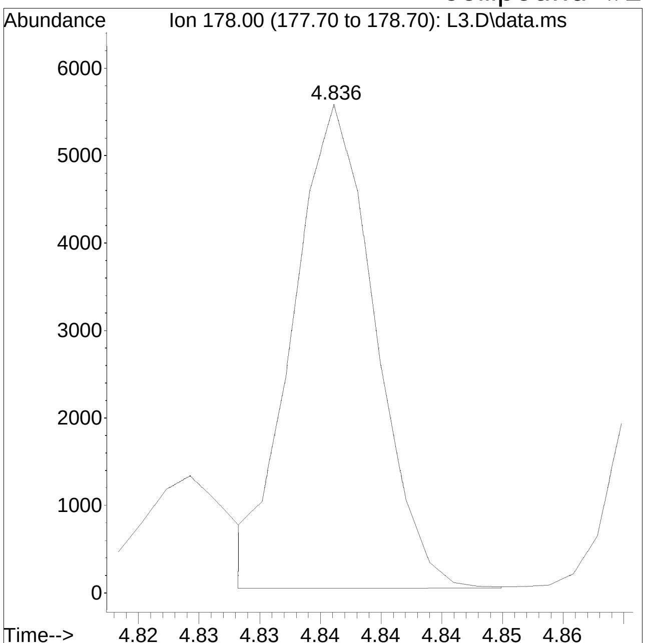
M7 = A qualifier ion was manually integrated (only for GC/MS data).

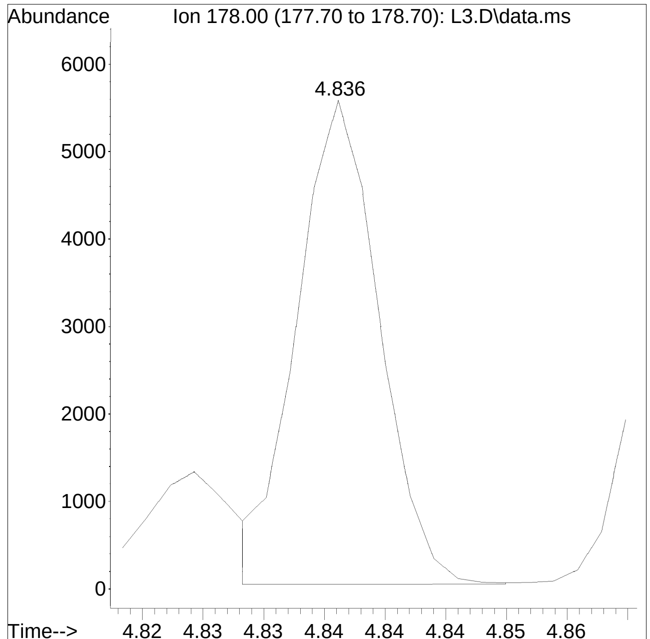
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L3.D
Date Inj'd : 12/29/2024 3:35 pm
Sample : IL3,32,, #10893 5 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:08 pm

Compound #26: Phenanthrene





Original Peak Response = 2595 Manual Peak Response = 2595 M7
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L2.D
Acq On    : 29 Dec 2024  03:52 pm
Operator  : sv119:jjw
Sample    : IL2,32,, #10900 2 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Dec 31 16:10:02 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:24 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List     : Default - All compounds listed

        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
  ---------------------------------------------------------------------------
  Internal Standards
  1) 1,4-Dichlorobenzene-d4      2.348  152    375319   4000.000 ng/ml    0.00
    Standard Area 1 = 305578                Recovery   =  122.82%
  8) Naphthalene-d8              3.010  136   1365787   4000.000 ng/ml    0.00
    Standard Area 1 = 1146492                Recovery   =  119.13%
 17) Acenaphthene-d10            3.982  164    847104   4000.000 ng/ml    0.00
    Standard Area 1 = 714823                Recovery   =  118.51%
 22) Phenanthrene-d10            4.824  188   1774123   4000.000 ng/ml    0.00
    Standard Area 1 = 1521053                Recovery   =  116.64%
 31) Chrysene-d12                6.435  240   1906045   4000.000 ng/ml    0.00
    Standard Area 1 = 1553026                Recovery   =  122.73%
 36) Perylene-d12                7.741  264   1822819   4000.000 ng/ml    0.00
    Standard Area 1 = 1562574                Recovery   =  116.65%

  System Monitoring Compounds
  2) 2-Fluorophenol              1.761  112       224     2.227 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =    0.11%#
  3) Phenol-d6                   2.153   99       281     2.239 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =    0.11%#
  7) Nitrobenzene-d5             2.629   82       259     2.128 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =    0.21%#
 13) 2-Fluorobiphenyl            3.603  172       789     2.369 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =    0.24%#
 21) 2,4,6-Tribromophenol        4.428  330        84     2.272 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =    0.11%#
 30) 4-Terphenyl-d14             5.758  244      1081     2.456 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =    0.25%#

  Target Compounds                                                  Qvalue
  4) Bis(2-chloroethyl)ether     2.214   93      2762     23.841 ng/ml#    25
  5) n-nitrosodi-n-propylamine   2.548   70       157M7    2.022 ng/ml
  6) Hexachloroethane            2.610  117       123      2.528 ng/ml     94
  9) Naphthalene                 3.021  128       960M6    2.520 ng/ml
 10) Hexachlorobutadiene         3.092  225       157      2.342 ng/ml     94
 11) 2-Methylnaphthalene         3.398  142       624      2.344 ng/ml     96
 12) 1-Methylnaphthalene         3.454  142       566      2.309 ng/ml     97
 14) 2-Chloronaphthalene         3.669  162       643      2.339 ng/ml     95
 15) 2,6-Dinitrotoluene          3.857  165       186      2.745 ng/ml     95
 16) Acenaphthylene              3.902  152      1005      2.361 ng/ml     97
 18) Acenaphthene                4.000  153       648      2.294 ng/ml     92
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L2.D
Acq On : 29 Dec 2024 03:52 pm
Operator : sv119:jjw
Sample : IL2,32,, #10900 2 ng/ml
Misc : WG2015284,,ical
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 31 16:10:02 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:24 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.086	165	189	2.103	ng/ml#	91
20) Fluorene	4.290	166	745	2.295	ng/ml	96
23) 4,6-Dinitro-o-cresol	4.321	198	52M7	28.267	ng/ml	
24) Hexachlorobenzene	4.609	284	256	2.448	ng/ml	90
25) Pentachlorophenol	4.720	266	642	4.929	ng/ml	100
26) Phenanthrene	4.836	178	1221M7	2.354	ng/ml	
27) Anthracene	4.866	178	1209	2.325	ng/ml	98
28) Fluoranthene	5.529	202	1514	2.333	ng/ml	99
29) Pyrene	5.664	202	1542	2.302	ng/ml	98
32) Benzo[a]anthracene	6.435	228	6756	2.282	ng/ml#	80
33) 3,3'-Dichlorobenzidine	6.410	252	432M7	28.785	ng/ml	
34) Chrysene	6.451	228	1516	2.310	ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.455	149	972	2.855	ng/ml	98
37) Benzo[b]fluoranthene	7.327	252	1361	2.253	ng/ml	100
38) Benzo[k]fluoranthene	7.360	252	1313	2.204	ng/ml	96
39) Benzo[a]pyrene	7.667	252	1113	2.171	ng/ml	97
40) Indeno[1,2,3-cd]pyrene	9.034	276	1066	2.148	ng/ml	93
41) Dibenzo[a,h]anthracene	9.079	278	936	2.033	ng/ml	96
42) Benzo[g,h,i]perylene	9.402	276	1010	2.138	ng/ml	96

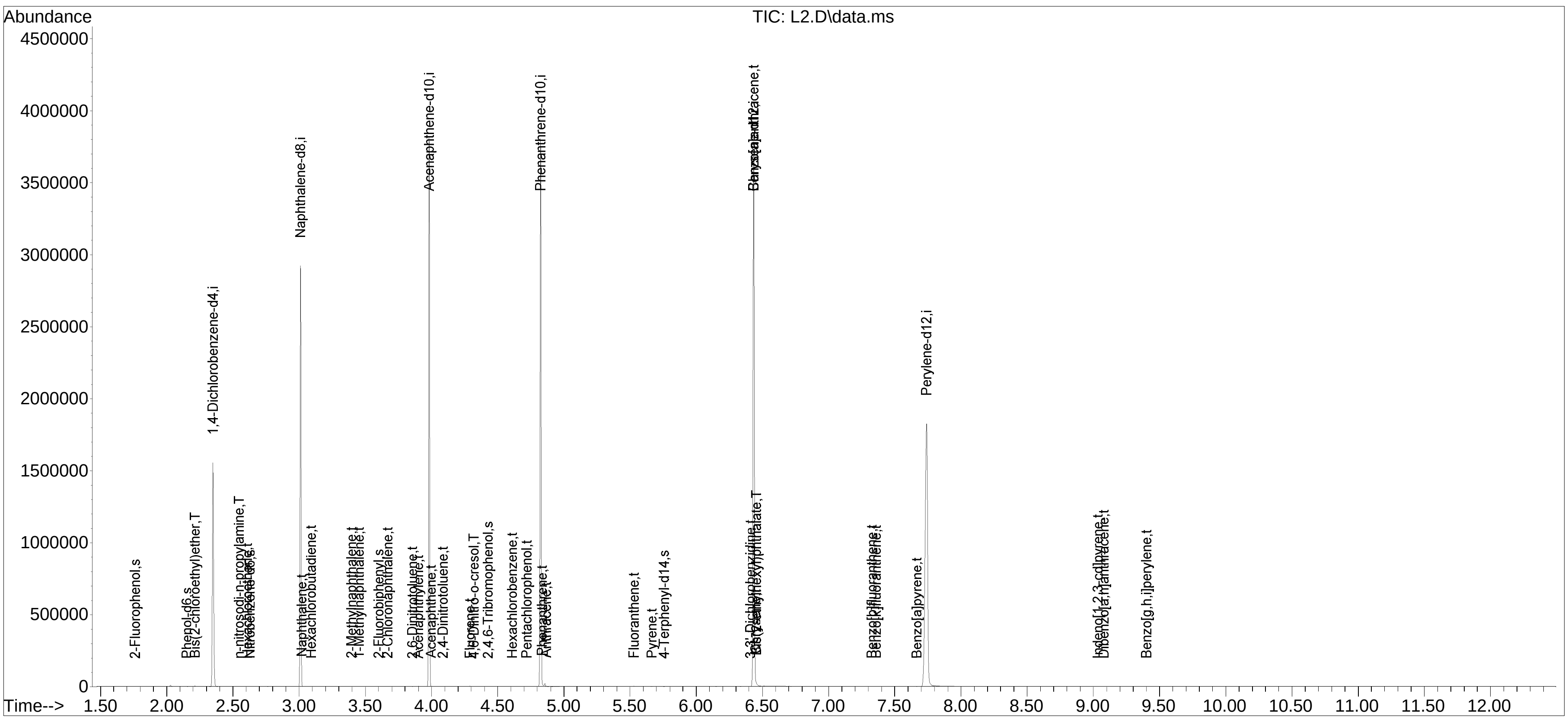
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L2.D
Acq On    : 29 Dec 2024  03:52 pm
Operator  : sv119:jjw
Sample    : IL2,32,, #10900 2 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Dec 31 16:10:02 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:08:24 2024
Response via : Initial Calibration

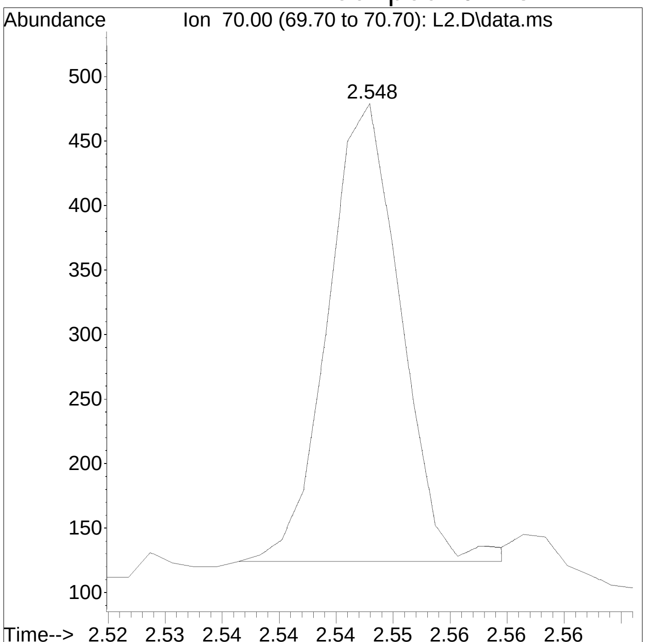
Sub List     : Default - All compounds listedical\L8.D•
```

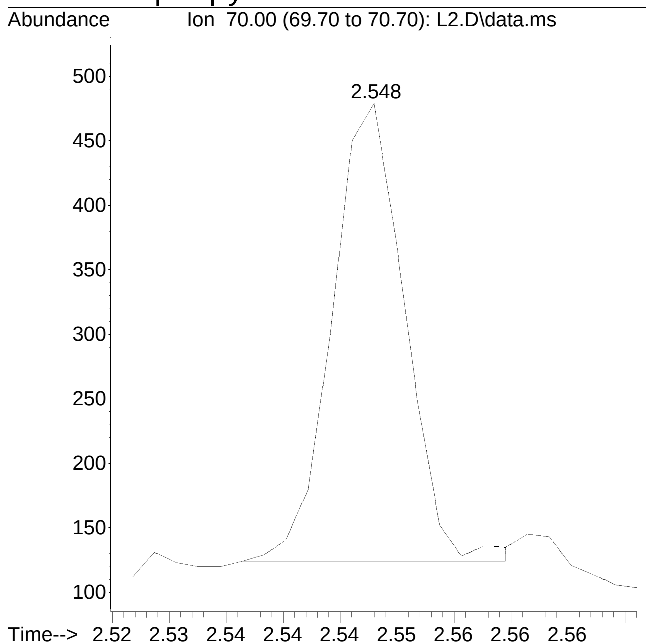


Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File    : L2.D                        Operator     : sv119:jjw
Date Inj'd   : 12/29/2024  3:52 pm         Instrument   : SV119
Sample       : IL2,32,, #10900 2 ng/ml     Quant Date   : 12/31/2024  4:08 pm
```

Compound #5: n-nitrosodi-n-propylamine





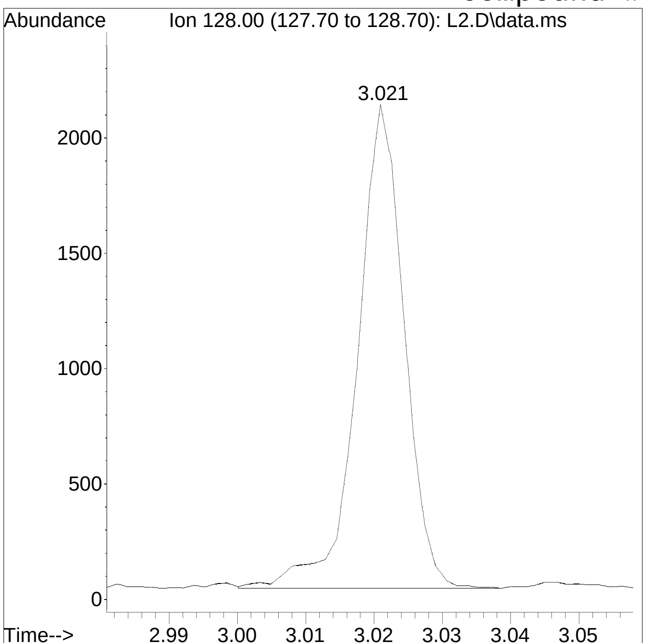
Original Peak Response = 157   Manual Peak Response = 157 M7

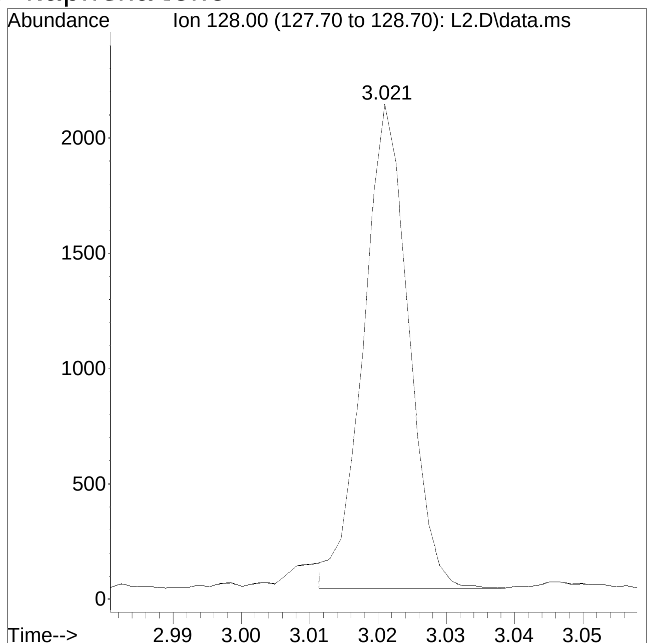
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File    : L2.D                       Operator     : sv119:jjw
Date Inj'd   : 12/29/2024  3:52 pm        Instrument   : SV119
Sample       : IL2,32,, #10900 2 ng/ml    Quant Date   : 12/31/2024  4:08 pm
```

Compound #9: Naphthalene



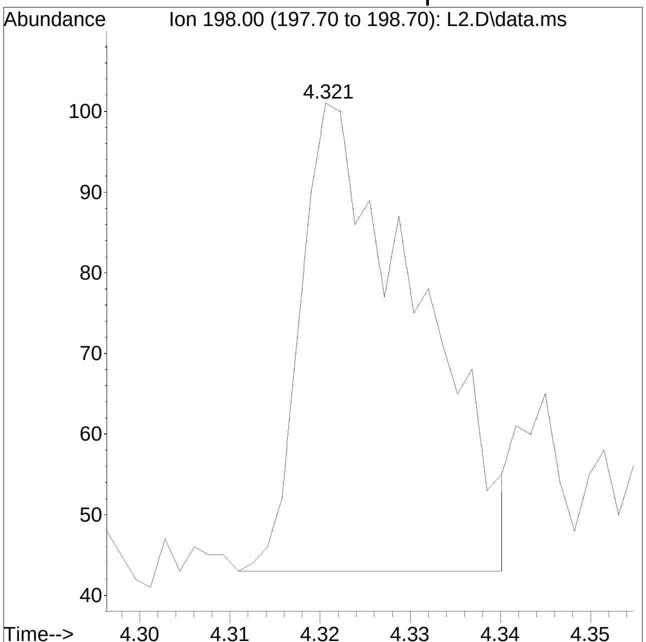


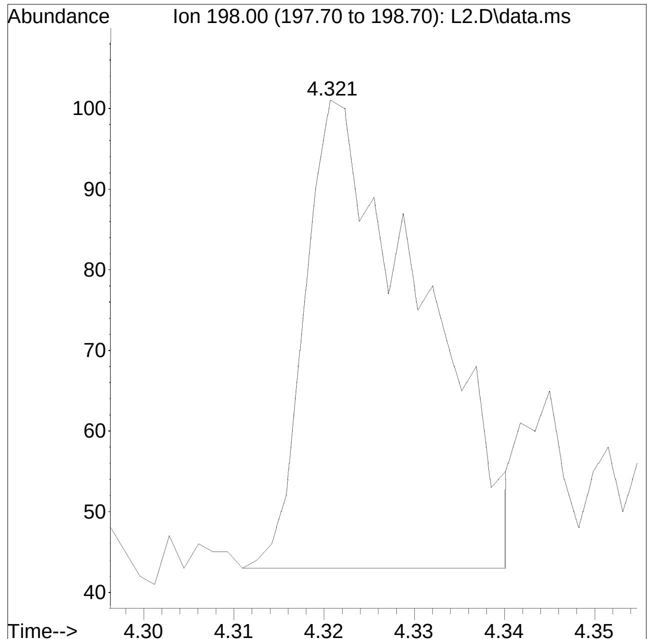
Original Peak Response = 1000   Manual Peak Response = 960 M6
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : L2.D                      Operator    : sv119:jjw
Date Inj'd  : 12/29/2024  3:52 pm       Instrument  : SV119
Sample      : IL2,32,, #10900 2 ng/ml   Quant Date  : 12/31/2024  4:08 pm
```

Compound #23: 4,6-Dinitro-o-cresol





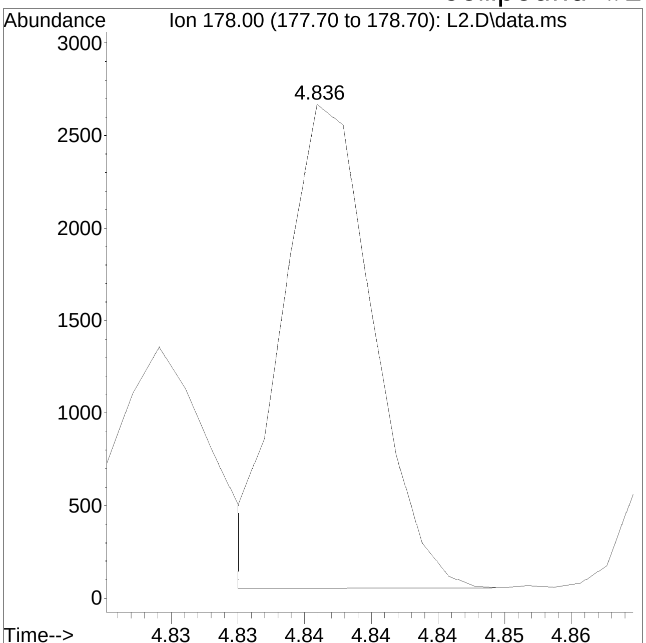
Original Peak Response = 52   Manual Peak Response = 52 M7

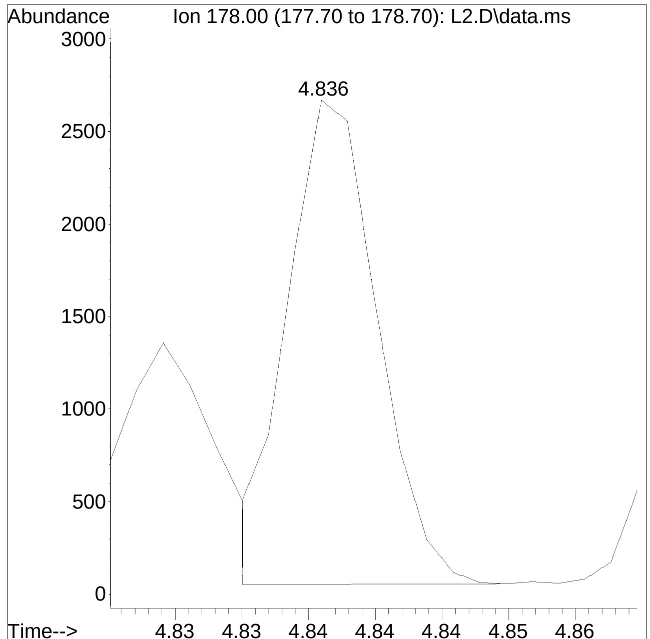
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod      : SIM-RVT_241229_sv119.M
Data File   : L2.D                        Operator     : sv119:jjw
Date Inj'd  : 12/29/2024  3:52 pm         Instrument   : SV119
Sample      : IL2,32,, #10900 2 ng/ml     Quant Date   : 12/31/2024  4:08 pm
```

Compound #26: Phenanthrene





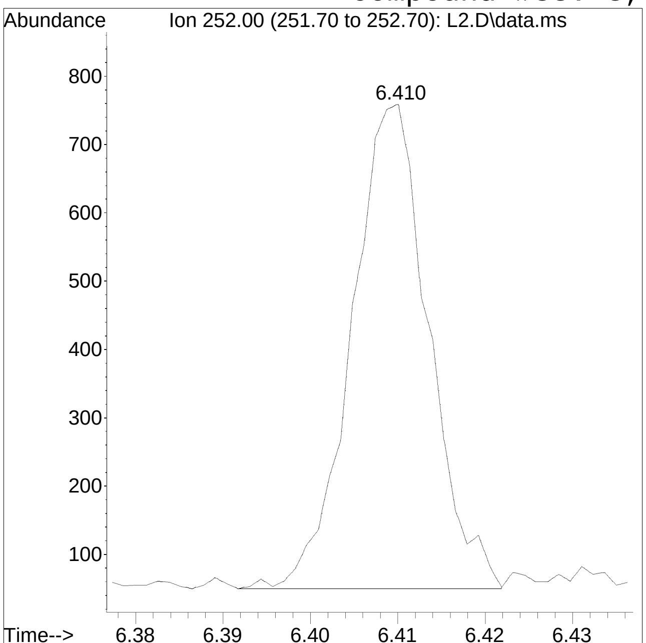
Original Peak Response = 1221   Manual Peak Response = 1221 M7

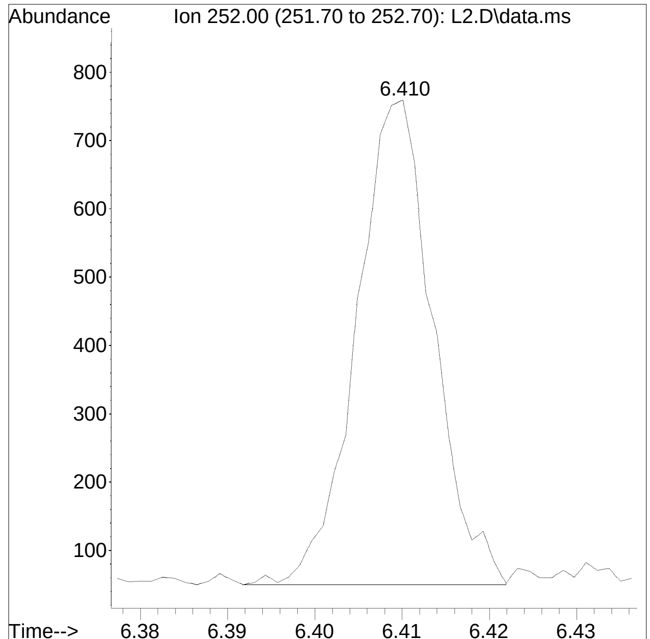
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQMethod : SIM-RVT_241229_sv119.M
Data File : L2.D Operator : sv119:jjw
Date Inj'd : 12/29/2024 3:52 pm Instrument : SV119
Sample : IL2,32,, #10900 2 ng/ml Quant Date : 12/31/2024 4:08 pm

Compound #33: 3,3'-Dichlorobenzidine





Original Peak Response = 432 Manual Peak Response = 432 M7
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L1.D
Acq On    : 29 Dec 2024  04:09 pm
Operator  : sv119:jjw
Sample    : IL1,32,, #10895 1 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Dec 31 16:09:17 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:45 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List     : Default - All compounds listed

        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.350  152    366307   4000.000 ng/ml    0.00
    Standard Area 1 = 305578                 Recovery   =  119.87%
 8) Naphthalene-d8              3.010  136   1329353   4000.000 ng/ml    0.00
    Standard Area 1 = 1146492                 Recovery   =  115.95%
17) Acenaphthene-d10            3.983  164    822777   4000.000 ng/ml    0.00
    Standard Area 1 = 714823                 Recovery   =  115.10%
22) Phenanthrene-d10            4.825  188   1715899   4000.000 ng/ml    0.00
    Standard Area 1 = 1521053                 Recovery   =  112.81%
31) Chrysene-d12                6.435  240   1842638   4000.000 ng/ml    0.00
    Standard Area 1 = 1553026                 Recovery   =  118.65%
36) Perylene-d12                7.742  264   1784873   4000.000 ng/ml    0.00
    Standard Area 1 = 1562574                 Recovery   =  114.23%

 System Monitoring Compounds
 2) 2-Fluorophenol              1.762  112       107     1.090 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =    0.05%#
 3) Phenol-d6                   2.155   99       122     0.996 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =    0.05%#
 7) Nitrobenzene-d5             2.628   82       144     1.212 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =    0.12%#
13) 2-Fluorobiphenyl            3.601  172       345     1.064 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =    0.11%#
21) 2,4,6-Tribromophenol        4.427  330        45M7     1.253 ng/ml   0.00

    Spiked Amount   2000.000   Range  15 - 110    Recovery   =    0.06%#
30) 4-Terphenyl-d14             5.758  244       522     1.226 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =    0.12%#

 Target Compounds                                                  Qvalue
 4) Bis(2-chloroethyl)ether     2.213   93        160      1.415 ng/ml    100
 5) n-nitrosodi-n-propylamine   2.549   70         84M7    1.109 ng/ml
 6) Hexachloroethane            2.610  117         56      1.179 ng/ml     92
 9) Naphthalene                 3.021  128        400M6    1.079 ng/ml
10) Hexachlorobutadiene         3.092  225         68      1.042 ng/ml     88
11) 2-Methylnaphthalene         3.399  142        277      1.069 ng/ml     98
12) 1-Methylnaphthalene         3.454  142        255      1.069 ng/ml     98
14) 2-Chloronaphthalene         3.668  162        293      1.095 ng/ml     97
15) 2,6-Dinitrotoluene          3.855  165        122M4    1.850 ng/ml
16) Acenaphthylene              3.902  152        432      1.042 ng/ml     99
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L1.D
Acq On : 29 Dec 2024 04:09 pm
Operator : sv119:jjw
Sample : IL1,32,, #10895 1 ng/ml
Misc : WG2015284,,ical
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 31 16:09:17 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:45 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
18) Acenaphthene	3.998	153	290	1.057 ng/ml	92
19) 2,4-Dinitrotoluene	4.086	165	81	0.928 ng/ml#	87
20) Fluorene	4.290	166	327	1.037 ng/ml	91
23) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
24) Hexachlorobenzene	4.609	284	111	1.097 ng/ml	100
25) Pentachlorophenol	4.720	266	588	4.240 ng/ml	97
26) Phenanthrene	4.838	178	555M7	1.106 ng/ml	
27) Anthracene	4.866	178	547	1.087 ng/ml	100
28) Fluoranthene	5.528	202	682	1.087 ng/ml	97
29) Pyrene	5.665	202	695	1.073 ng/ml	94
32) Benzo[a]anthracene	6.435	228	5699	0.997 ng/ml#	78
33) 3,3'-Dichlorobenzidine	6.409	252	238M7	28.031 ng/ml	
34) Chrysene	6.450	228	675	1.064 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.451	149	761	2.312 ng/ml	99
37) Benzo[b]fluoranthene	7.331	252	615	1.040 ng/ml	99
38) Benzo[k]fluoranthene	7.357	252	628	1.077 ng/ml	96
39) Benzo[a]pyrene	7.666	252	512	1.020 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.037	276	488	1.004 ng/ml	93
41) Dibenzo[a,h]anthracene	9.077	278	430	0.954 ng/ml	99
42) Benzo[g,h,i]perylene	9.400	276	480	1.038 ng/ml	92

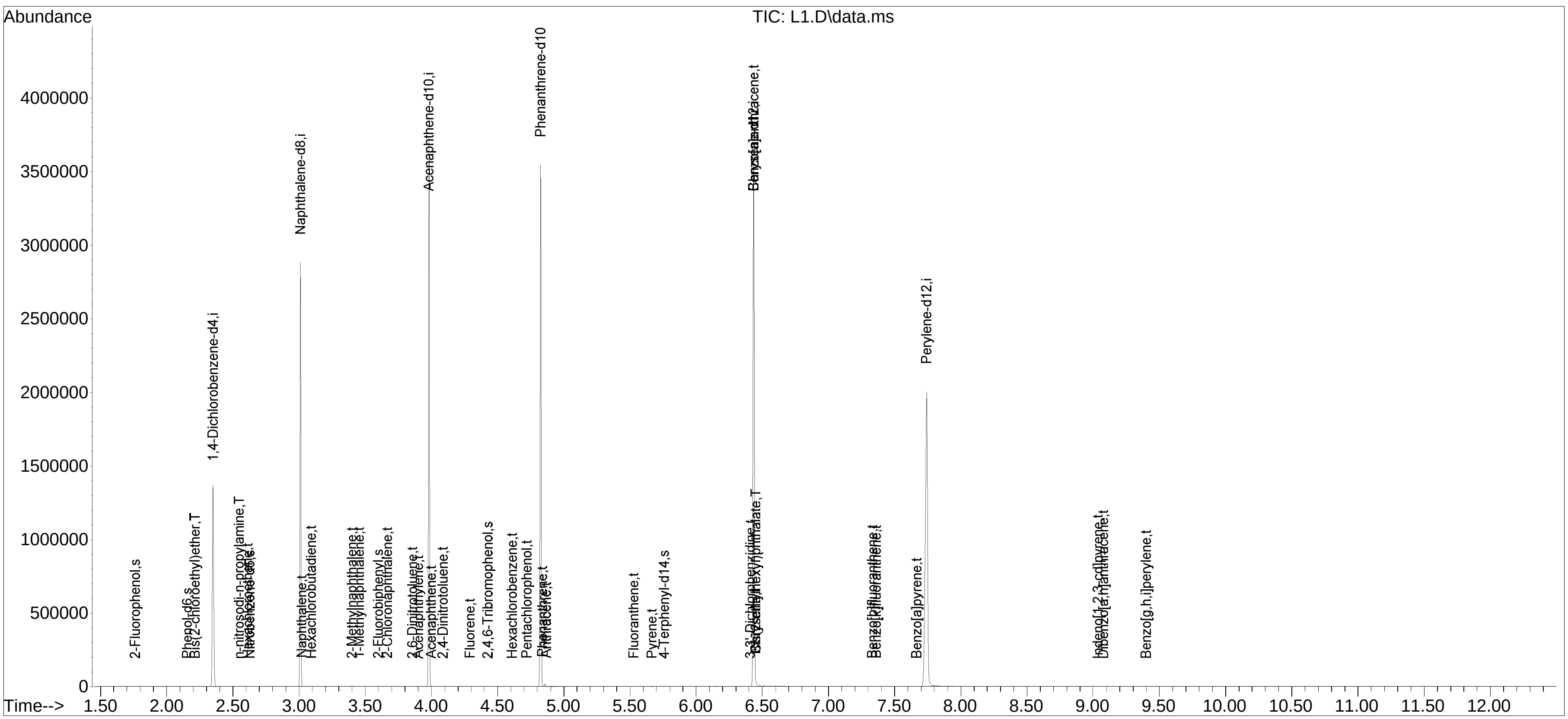
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : L1.D
Acq On   : 29 Dec 2024 04:09 pm
Operator : sv119:jjw
Sample   : IL1,32,, #10895 1 ng/ml
Misc   : WG2015284,,ical
ALS Vial : 10   Sample Multiplier: 1

Quant Time: Dec 31 16:09:17 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:45 2024
Response via : Initial Calibration

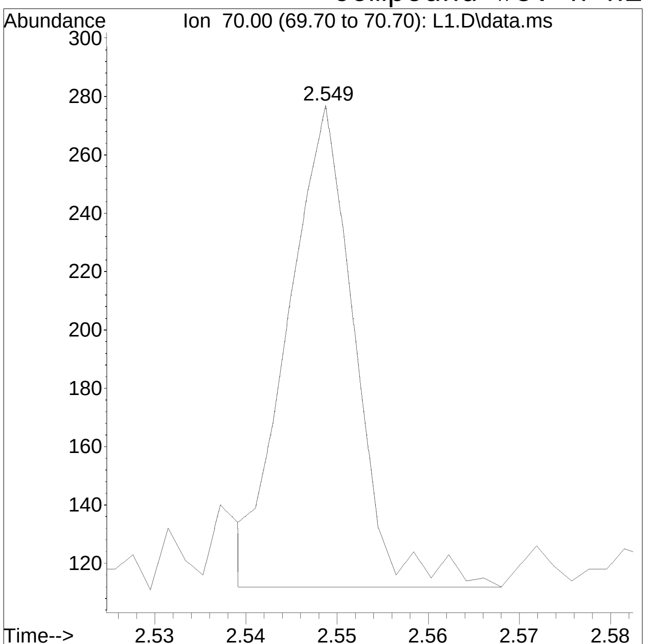
Sub List   : Default - All compounds listedical\L8.D•

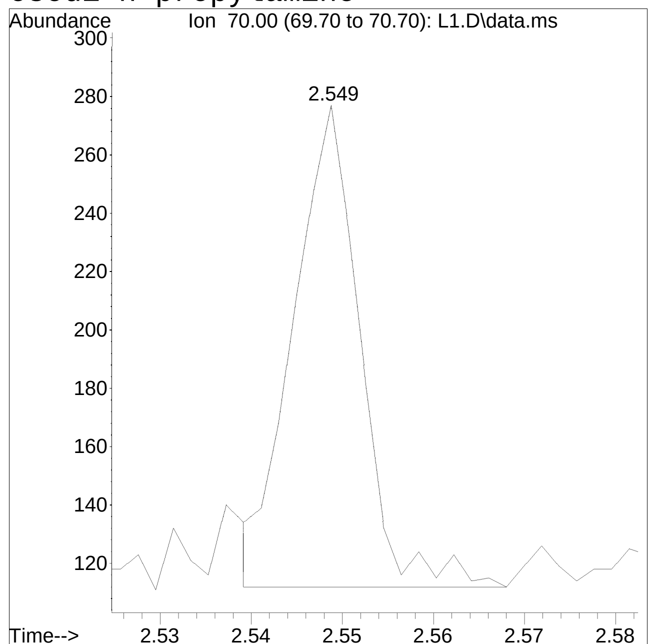


Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod      : SIM-RVT_241229_sv119.M
Data File   : L1.D                        Operator    : sv119:jjw
Date Inj'd  : 12/29/2024  4:09 pm         Instrument  : SV119
Sample      : IL1,32,, #10895 1 ng/ml     Quant Date  : 12/31/2024  4:06 pm
```

Compound #5: n-nitrosodi-n-propylamine





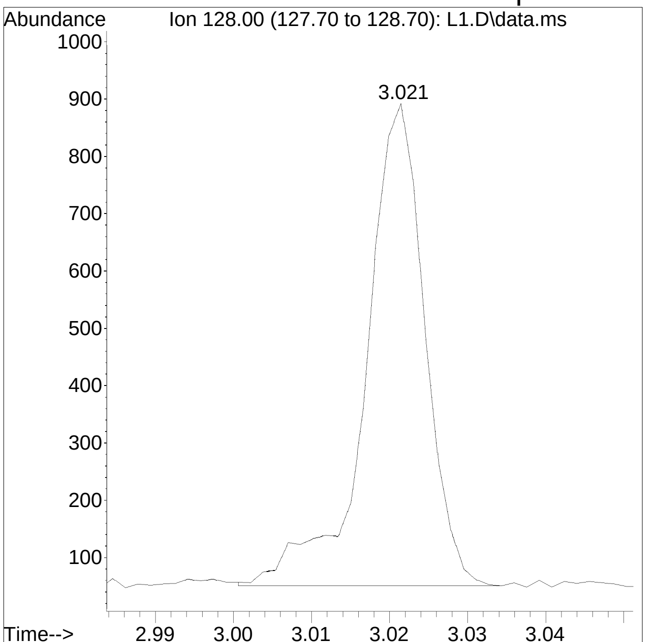
Original Peak Response = 84   Manual Peak Response = 84 M7

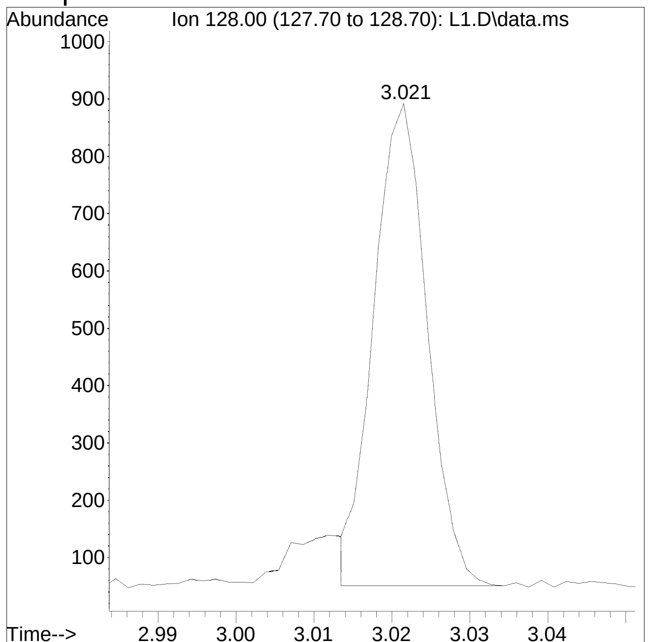
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File    : L1.D                        Operator    : sv119:jjw
Date Inj'd   : 12/29/2024  4:09 pm         Instrument  : SV119
Sample       : IL1,32,, #10895 1 ng/ml     Quant Date  : 12/31/2024  4:06 pm
```

Compound #9: Naphthalene





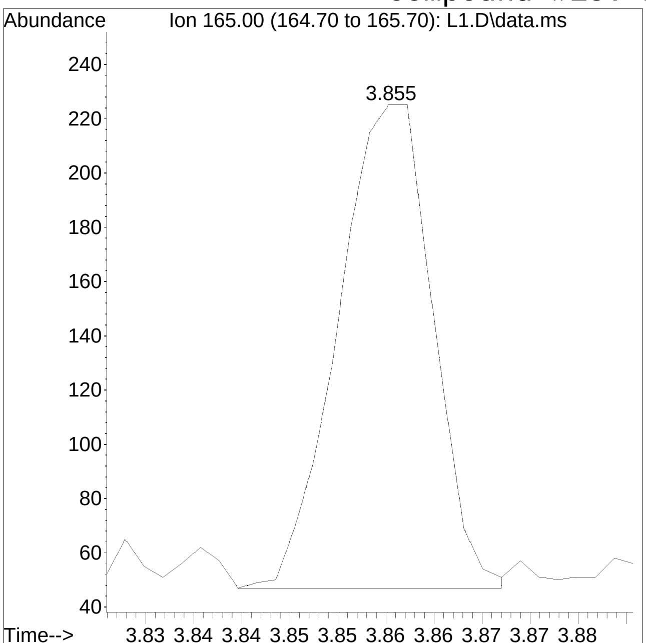
Original Peak Response = 444   Manual Peak Response = 400 M6

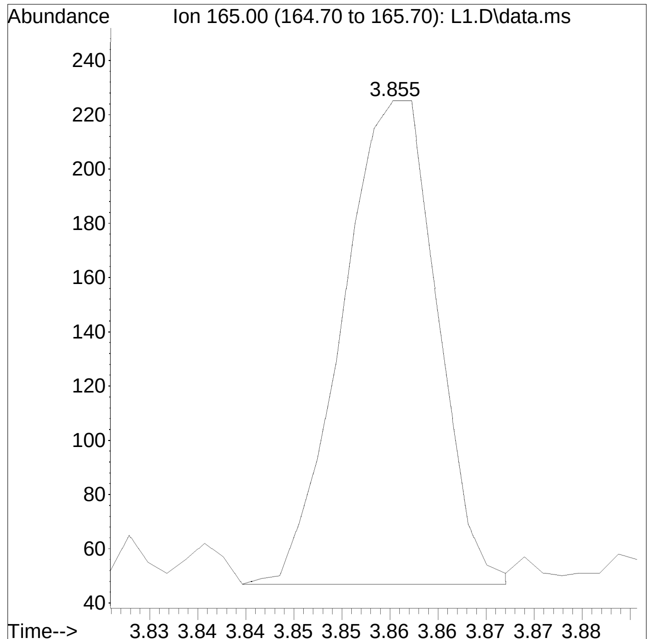
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path	: I:\8270SIM\sv119\241229RVTQ	Method	: SIM-RVT_241229_sv119.M
Data File	: L1.D	Operator	: sv119:jjw
Date Inj'd	: 12/29/2024 4:09 pm	Instrument	: SV119
Sample	: IL1,32,, #10895 1 ng/ml	Quant Date	: 12/31/2024 4:06 pm

Compound #15: 2,6-Dinitrotoluene





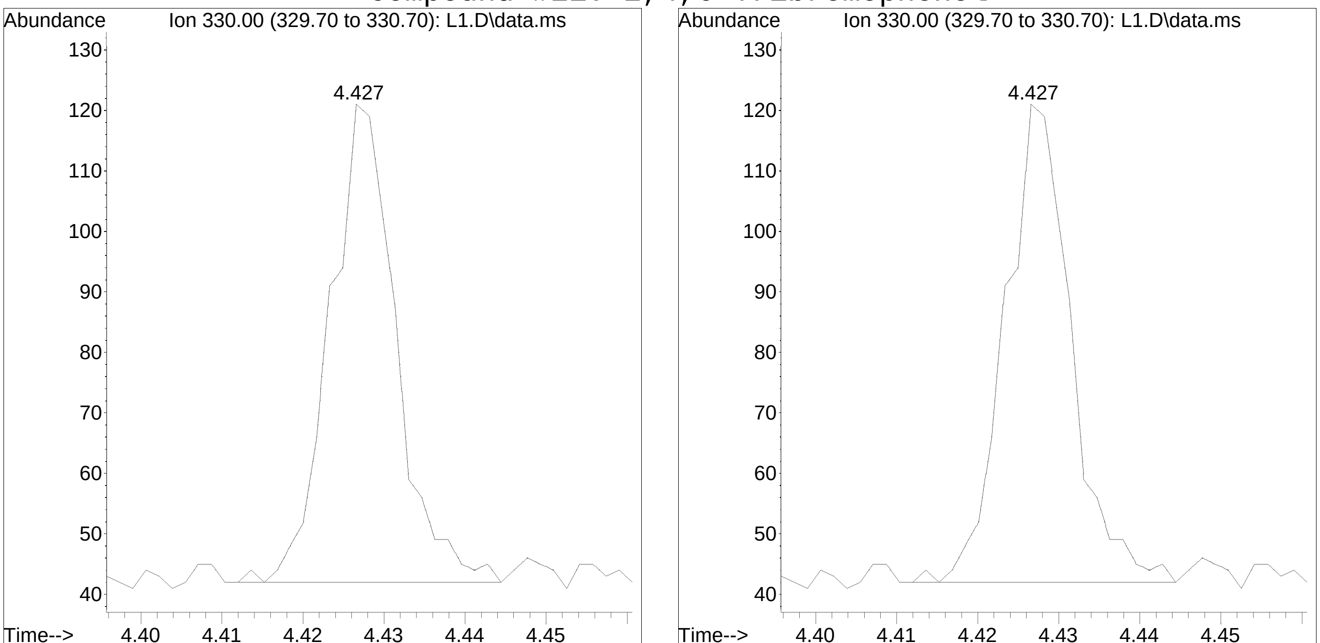
Original Peak Response = 122 Manual Peak Response = 122 M4

M4 = Poor automated baseline construction.

Manual Integration Report

```
Data Path    : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File    : L1.D                        Operator    : sv119:jjw
Date Inj'd   : 12/29/2024  4:09 pm         Instrument  : SV119
Sample       : IL1,32,, #10895 1 ng/ml     Quant Date  : 12/31/2024  4:06 pm
```

Compound #21: 2,4,6-Tribromophenol



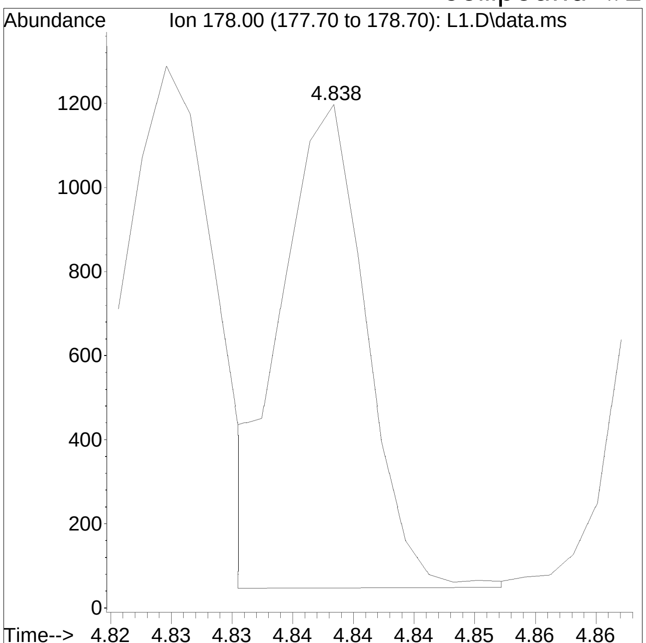
Original Peak Response = 45   Manual Peak Response = 45 M7

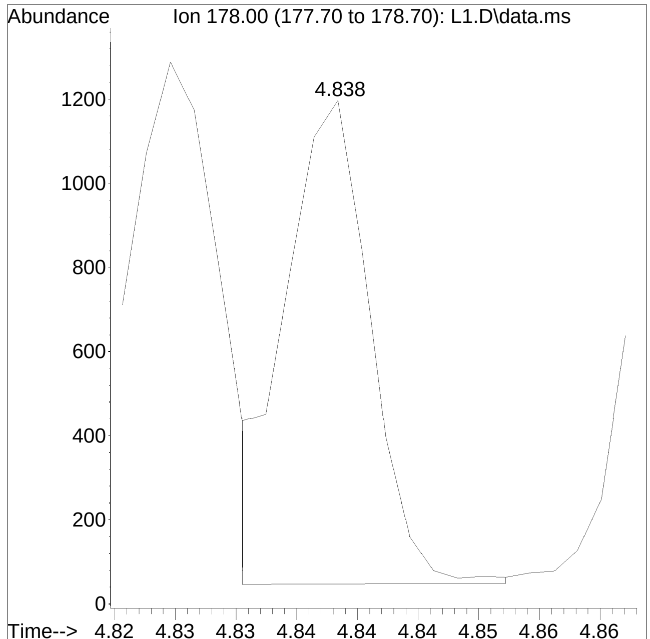
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Manual Integration Report

Data Path	: I:\8270SIM\sv119\241229RVTQ	Method	: SIM-RVT_241229_sv119.M
Data File	: L1.D	Operator	: sv119:jjw
Date Inj'd	: 12/29/2024 4:09 pm	Instrument	: SV119
Sample	: IL1,32,, #10895 1 ng/ml	Quant Date	: 12/31/2024 4:06 pm

Compound #26: Phenanthrene





Original Peak Response = 555 Manual Peak Response = 555 M7

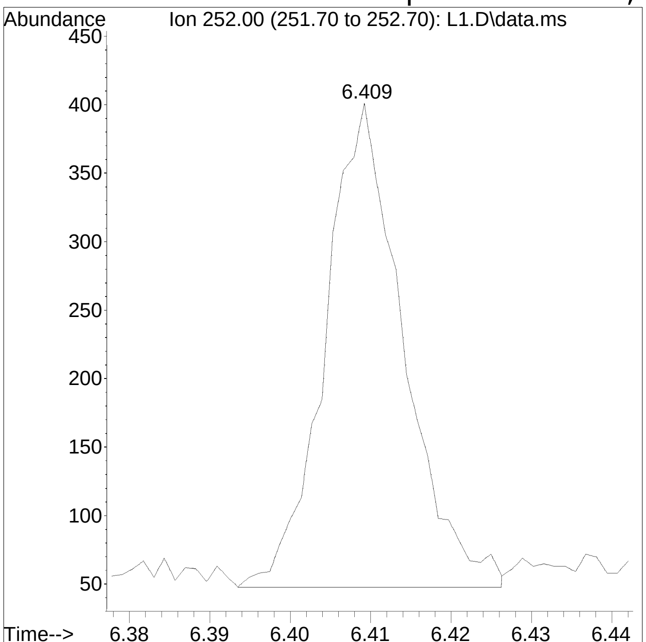
M7 = A qualifier ion was manually integrated (only for GC/MS data).

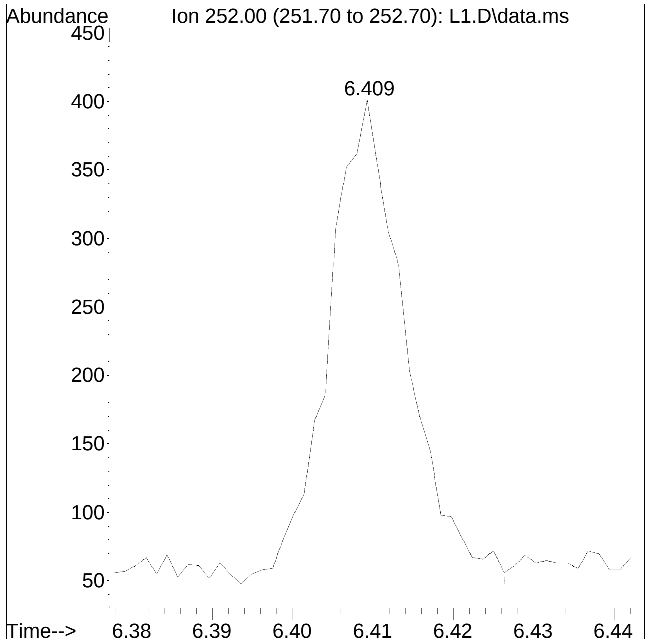
Manual Integration Report

Data Path : I:\8270SIM\sv119\241229RVTQ
Data File : L1.D
Date Inj'd : 12/29/2024 4:09 pm
Sample : IL1,32,, #10895 1 ng/ml

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 12/31/2024 4:06 pm

Compound #33: 3,3'-Dichlorobenzidine





Original Peak Response = 238
Manual Peak Response = 238 M7
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : ICV.D
Acq On : 29 Dec 2024 04:26 pm
Operator : sv119:jjw
Sample : CQICV,32,, #10884 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 31 16:05:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:39 2024
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	128	0.00
2	s	2-Fluorophenol	1.072	1.202	-12.1	142	0.00
3	s	Phenol-d6	1.338	1.524	-13.9	143	0.00
4	T	Bis(2-chloroethyl)ether	1.235	1.293	-4.7	142	0.00
5	T	n-nitrosodi-n-propylamine	0.827	0.897	-8.5	137	0.00
6	t	Hexachloroethane	0.518	0.538	-3.9	138	0.00
7	s	Nitrobenzene-d5	1.297	1.422	-9.6	141	0.00
8	i	Naphthalene-d8	1.000	1.000	0.0	128	0.00
9	t	Naphthalene	1.116	1.136	-1.8	139	0.00
10	t	Hexachlorobutadiene	0.196	0.207	-5.6	141	0.00
11	t	2-Methylnaphthalene	0.780	0.836	-7.2	143	0.00
12	t	1-Methylnaphthalene	0.718	0.767	-6.8	142	0.00
13	s	2-Fluorobiphenyl	0.975	1.021	-4.7	142	0.00
14	t	2-Chloronaphthalene	0.805	0.844	-4.8	140	0.00
15	t	2,6-Dinitrotoluene	0.198	0.224	-13.1	141	0.00
16	t	Acenaphthylene	1.247	1.319	-5.8	140	0.00
17	i	Acenaphthene-d10	1.000	1.000	0.0	129	0.00
18	t	Acenaphthene	1.334	1.390	-4.2	139	0.00
19	t	2,4-Dinitrotoluene	0.424	0.496	-17.0	143	0.00
20	t	Fluorene	1.533	1.644	-7.2	139	0.00
21	s	2,4,6-Tribromophenol	0.175	0.217	-24.0#	150	0.00
22	i	Phenanthrene-d10	1.000	1.000	0.0	128	0.00
23	T	4,6-Dinitro-o-cresol	*1000.000	995.824	0.4	137	0.00
24	t	Hexachlorobenzene	0.236	0.240	-1.7	140	0.00
25	t	Pentachlorophenol	*1000.000	1104.280	-10.4	145	0.00
26	t	Phenanthrene	1.170	1.216	-3.9	140	0.00
27	t	Anthracene	1.173	1.242	-5.9	140	0.00
28	t	Fluoranthene	1.463	1.497	-2.3	137	0.00
29	t	Pyrene	1.510	1.575	-4.3	140	0.00
30	s	4-Terphenyl-d14	0.992	1.028	-3.6	137	0.00
31	i	Chrysene-d12	1.000	1.000	0.0	123	0.00
32	t	Benzo[a]anthracene	*1000.000	1090.321	-9.0	134	0.00
33	t	3,3'-Dichlorobenzidine	*1000.000	1066.308	-6.6	146	0.00
34	t	Chrysene	1.377	1.445	-4.9	134	0.00
35	T	Bis(2-ethylhexyl)phthalate	0.714	0.787	-10.2	131	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : ICV.D
Acq On : 29 Dec 2024 04:26 pm
Operator : sv119:jjw
Sample : CQICV,32,, #10884 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 31 16:05:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:39 2024
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
36	i	Perylene-d12	1.000	1.000	0.0	121	0.00
37	t	Benzo[b]fluoranthene	1.326	1.405	-6.0	128	0.00
38	t	Benzo[k]fluoranthene	1.307	1.465	-12.1	137	0.00
39	t	Benzo[a]pyrene	1.125	1.271	-13.0	133	0.00
40	t	Indeno[1,2,3-cd]pyrene	1.089	1.207	-10.8	128	0.00
41	t	Dibenzo[a,h]anthracene	1.010	1.156	-14.5	129	0.00
42	t	Benzo[g,h,i]perylene	1.036	1.146	-10.6	130	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : ICV.D
Acq On    : 29 Dec 2024  04:26 pm
Operator  : sv119:jjw
Sample    : CQICV,32,, #10884 1000 ng/ml
Misc      : WG2015284,,ical
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Dec 31 16:05:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:39 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List     : Default - All compounds listed

       Compound                    R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
  1) 1,4-Dichlorobenzene-d4       2.349  152    390319   4000.000 ng/ml    0.00
    Standard Area 1 = 305578                  Recovery   =  127.73%
  8) Naphthalene-d8               3.010  136   1467149   4000.000 ng/ml    0.00
    Standard Area 1 = 1146492                  Recovery   =  127.97%
 17) Acenaphthene-d10             3.984  164    919354   4000.000 ng/ml    0.00
    Standard Area 1 = 714823                  Recovery   =  128.61%
 22) Phenanthrene-d10             4.826  188   1939636   4000.000 ng/ml    0.00
    Standard Area 1 = 1521053                  Recovery   =  127.52%
 31) Chrysene-d12                 6.440  240   1902556   4000.000 ng/ml    0.00
    Standard Area 1 = 1553026                  Recovery   =  122.51%
 36) Perylene-d12                 7.743  264   1890967   4000.000 ng/ml    0.00
    Standard Area 1 = 1562574                  Recovery   =  121.02%

 System Monitoring Compounds
  2) 2-Fluorophenol               1.761  112    117258   1121.213 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   56.06%
  3) Phenol-d6                    2.153   99    148674   1139.002 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   56.95%
  7) Nitrobenzene-d5              2.627   82    138765   1096.287 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =  109.63%
 13) 2-Fluorobiphenyl             3.603  172    374656   1047.236 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =  104.72%
 21) 2,4,6-Tribromophenol         4.428  330     49773   1240.445 ng/ml   0.00
    Spiked Amount   2000.000   Range  15 - 110    Recovery   =   62.02%
 30) 4-Terphenyl-d14              5.760  244    498657   1036.324 ng/ml   0.00
    Spiked Amount   1000.000   Range  30 - 130    Recovery   =  103.63%

 Target Compounds                                                     Qvalue
  4) Bis(2-chloroethyl)ether      2.212   93     126146   1047.040 ng/ml#    79
  5) n-nitrosodi-n-propylamine    2.546   70      87535   1084.108 ng/ml    100
  6) Hexachloroethane             2.608  117      52517   1038.064 ng/ml     93
  9) Naphthalene                  3.021  128     416784   1018.565 ng/ml     99
 10) Hexachlorobutadiene          3.092  225      75773   1052.259 ng/ml    100
 11) 2-Methylnaphthalene          3.398  142     306508   1071.912 ng/ml     98
 12) 1-Methylnaphthalene          3.454  142     281151   1067.840 ng/ml     98
 14) 2-Chloronaphthalene          3.670  162     309748   1048.846 ng/ml     98
 15) 2,6-Dinitrotoluene           3.859  165      82208   1129.566 ng/ml#    92
 16) Acenaphthylene               3.902  152     483748   1057.725 ng/ml    100
 18) Acenaphthene                 4.002  153     319572   1042.243 ng/ml     99
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : ICV.D
Acq On : 29 Dec 2024 04:26 pm
Operator : sv119:jjw
Sample : CQICV,32,, #10884 1000 ng/ml
Misc : WG2015284,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 31 16:05:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:39 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\241229RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
19) 2,4-Dinitrotoluene	4.086	165	114104	1169.850 ng/ml#	92
20) Fluorene	4.292	166	377766	1072.352 ng/ml	97
23) 4,6-Dinitro-o-cresol	4.318	198	63393	995.824 ng/ml	97
24) Hexachlorobenzene	4.609	284	116516	1019.105 ng/ml	90
25) Pentachlorophenol	4.718	266	64222	1104.280 ng/ml	100
26) Phenanthrene	4.838	178	589743	1039.891 ng/ml	99
27) Anthracene	4.868	178	602433	1059.503 ng/ml	99
28) Fluoranthene	5.529	202	725789	1022.923 ng/ml	97
29) Pyrene	5.667	202	763953	1043.134 ng/ml	100
32) Benzo[a]anthracene	6.430	228	734331	1090.321 ng/ml	99
33) 3,3'-Dichlorobenzidine	6.413	252	255382	1066.308 ng/ml	99
34) Chrysene	6.456	228	687425	1049.395 ng/ml	100
35) Bis(2-ethylhexyl)phtha...	6.454	149	374501	1102.022 ng/ml	99
37) Benzo[b]fluoranthene	7.337	252	664339	1060.059 ng/ml	100
38) Benzo[k]fluoranthene	7.365	252	692334	1120.260 ng/ml	97
39) Benzo[a]pyrene	7.670	252	600762	1129.737 ng/ml	99
40) Indeno[1,2,3-cd]pyrene	9.044	276	570718	1108.579 ng/ml	93
41) Dibenzo[a,h]anthracene	9.086	278	546347	1143.971 ng/ml	92
42) Benzo[g,h,i]perylene	9.416	276	541938	1106.007 ng/ml	93

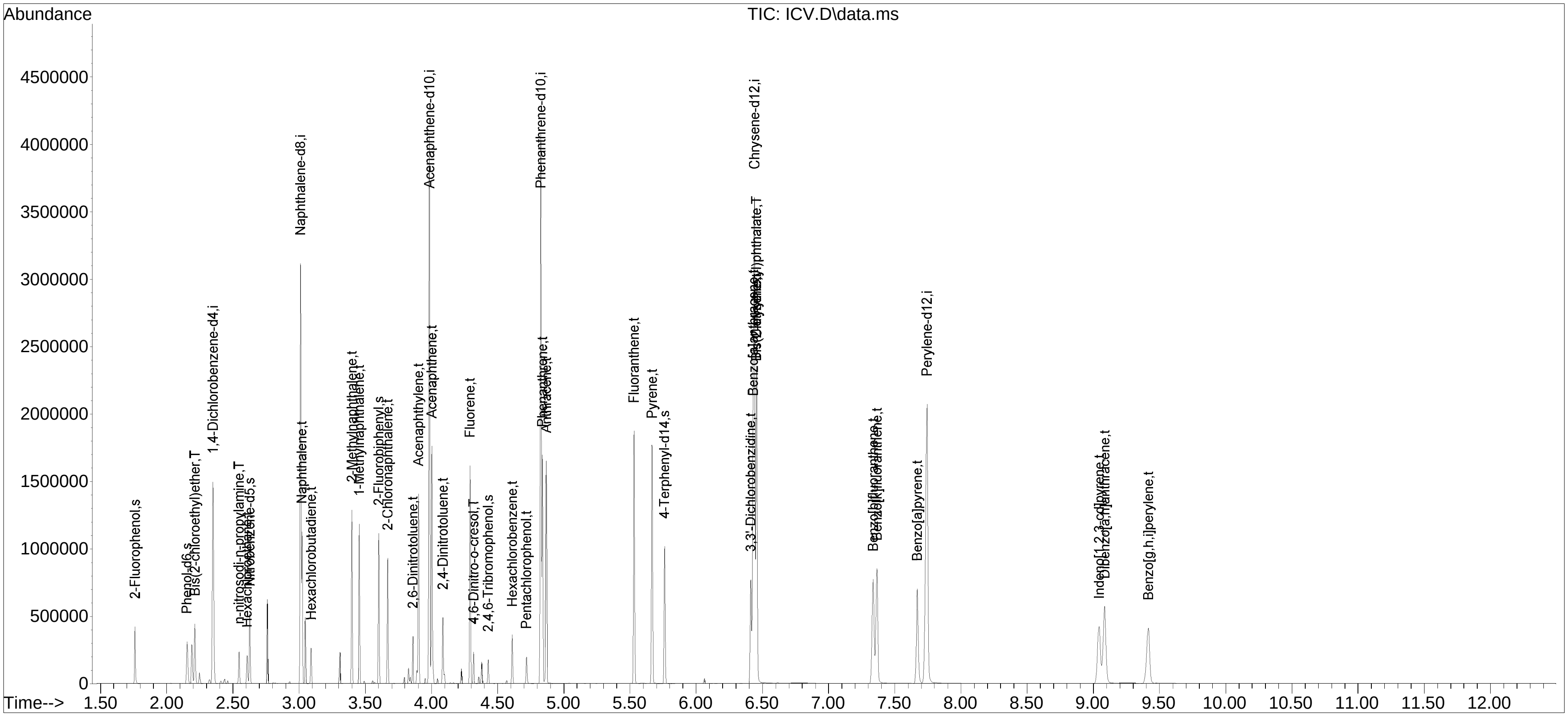
(#) = qualifier out of range (m) = manual integration (+) = signals summed

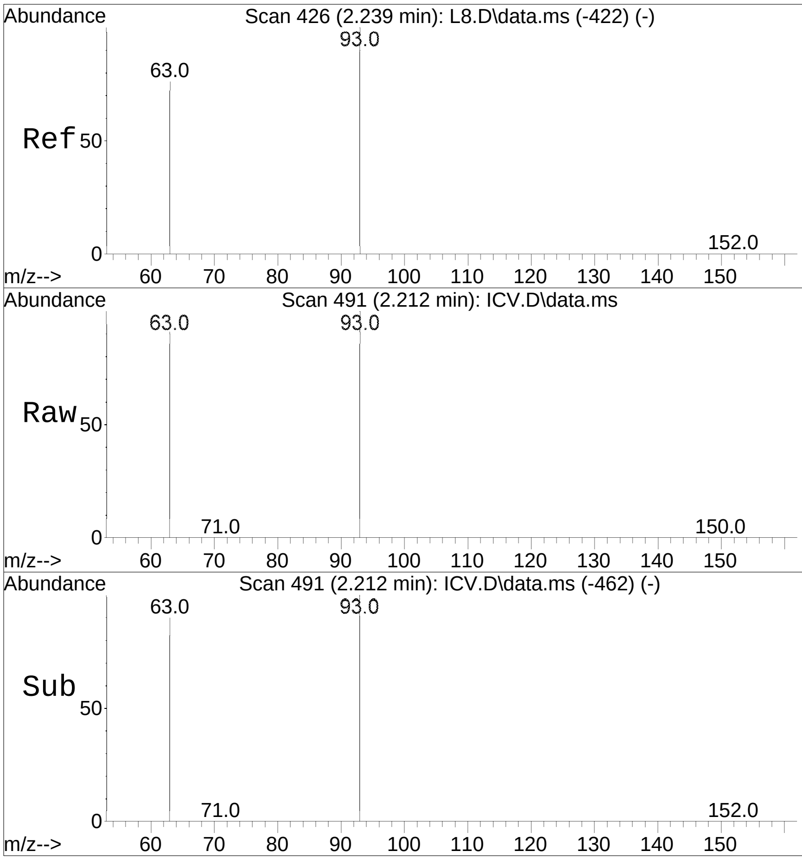
Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\241229RVTical\
Data File : ICV.D
Acq On   : 29 Dec 2024 04:26 pm
Operator : sv119:jjw
Sample   : CQICV,32,, #10884 1000 ng/ml
Misc   : WG2015284,,ical
ALS Vial : 11   Sample Multiplier: 1

Quant Time: Dec 31 16:05:29 2024
Quant Method : I:\8270SIM\sv119\241229RVTical\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 31 16:06:39 2024
Response via : Initial Calibration

Sub List   : Default - All compounds listedical\L8.D•

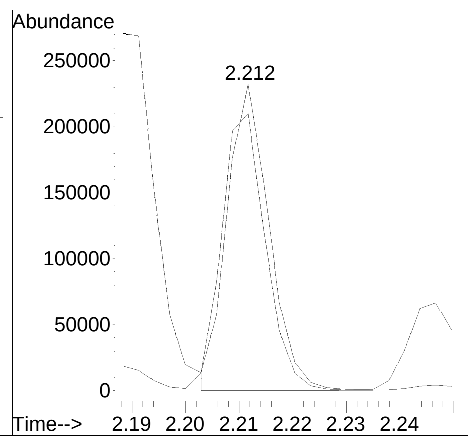


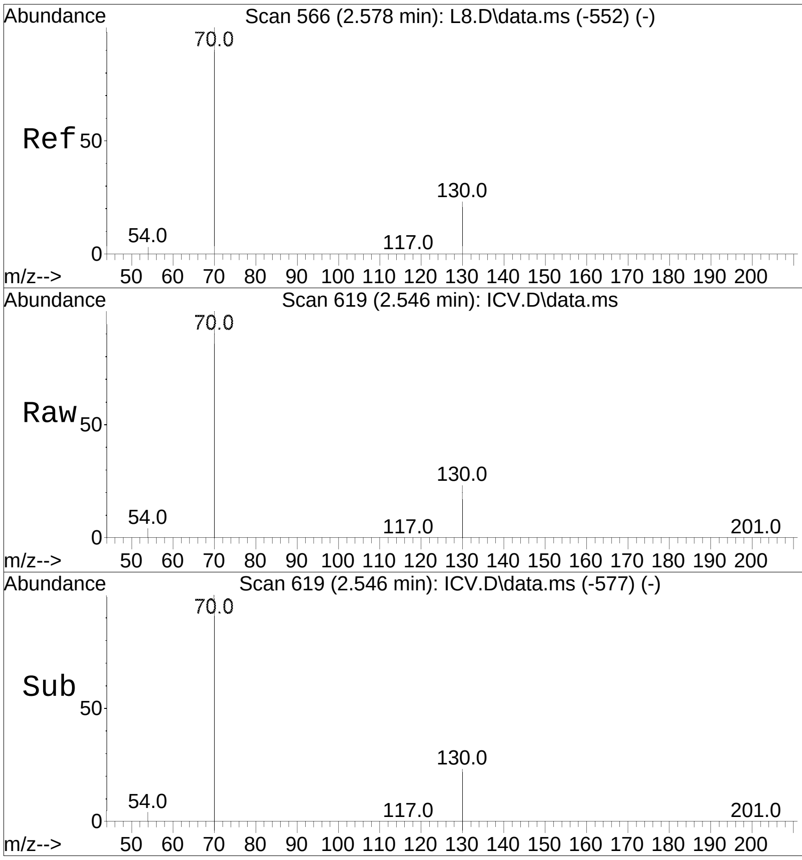


#4
Bis(2-chloroethyl)ether
Concen: 1047.04 ng/ml
RT: 2.212 min Scan# 491
Delta R.T. 0.004 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion: 93 Resp: 126146

Ion	Ratio	Lower	Upper
93	100		
63	95.2	61.7	92.5#

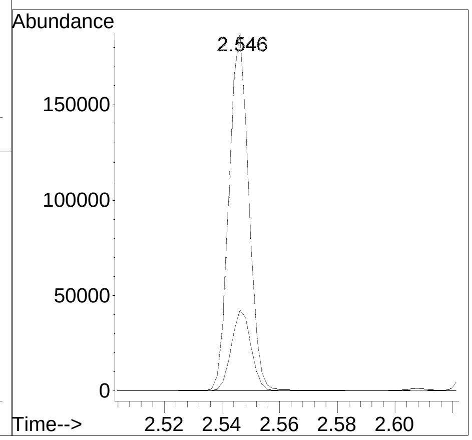


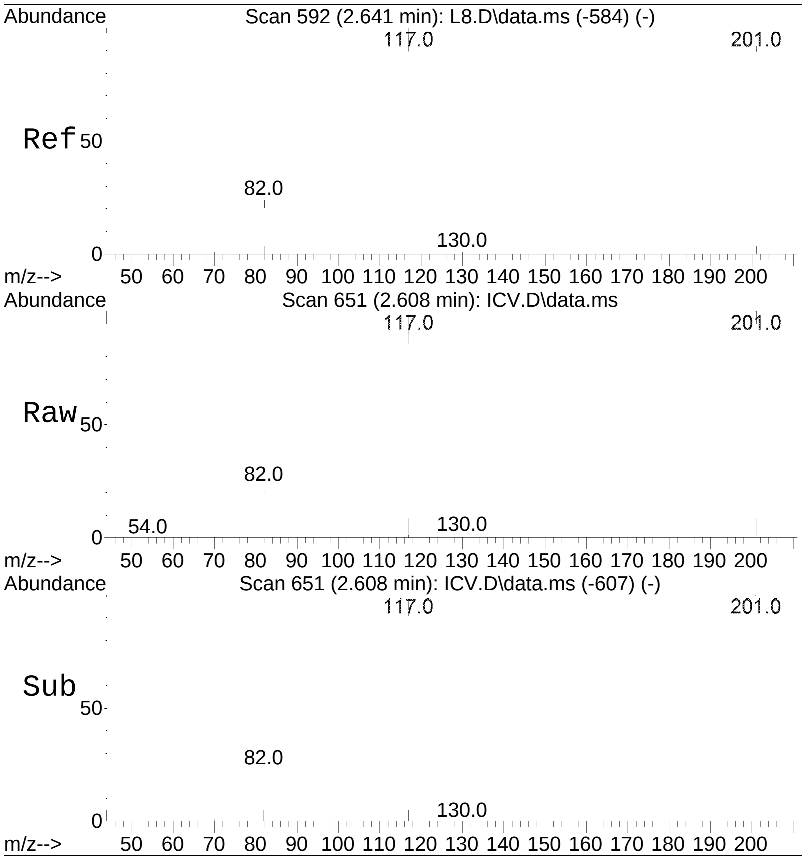


#5
n-nitrosodi-n-propylamine
Concen: 1084.11 ng/ml
RT: 2.546 min Scan# 619
Delta R.T. 0.005 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion: 70 Resp: 87535

Ion	Ratio	Lower	Upper
70	100		
130	22.7	18.1	27.1

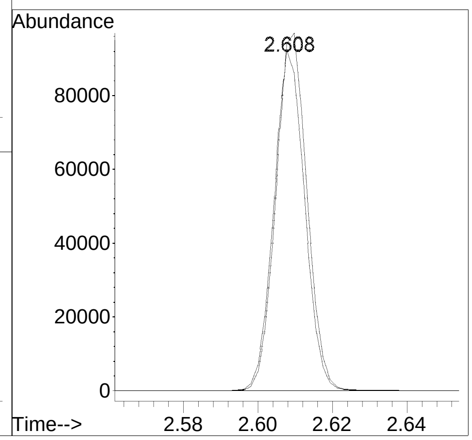


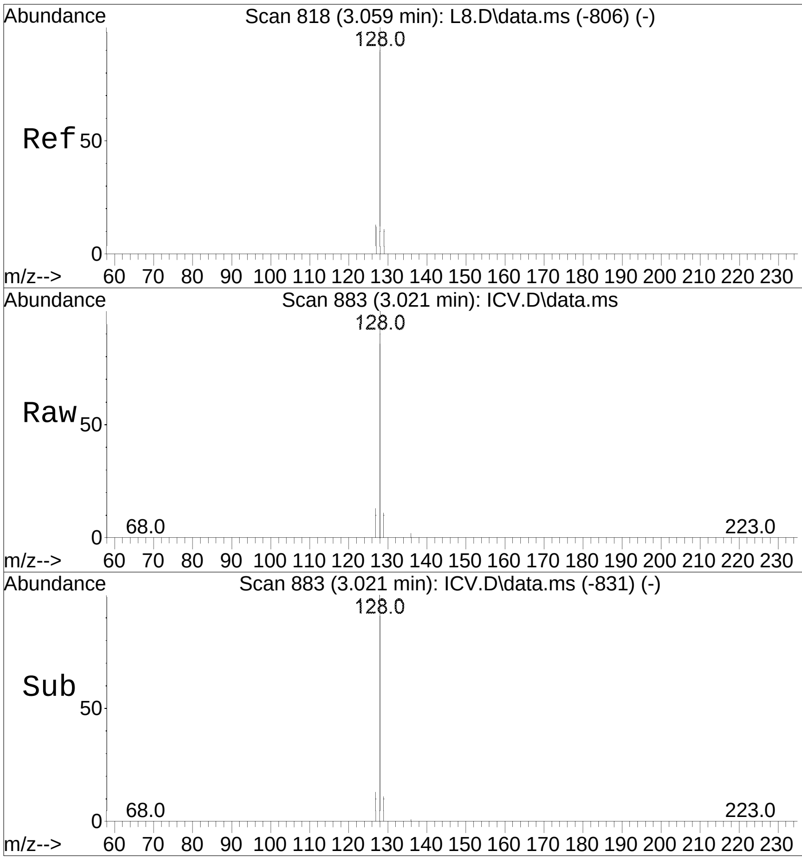


#6
Hexachloroethane
Concen: 1038.06 ng/ml
RT: 2.608 min Scan# 651
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:117 Resp: 52517

Ion	Ratio	Lower	Upper
117	100		
201	106.3	79.3	118.9

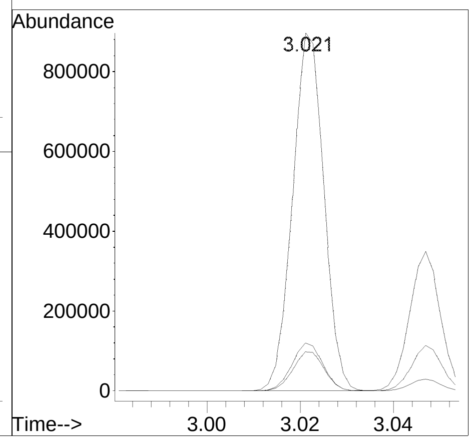


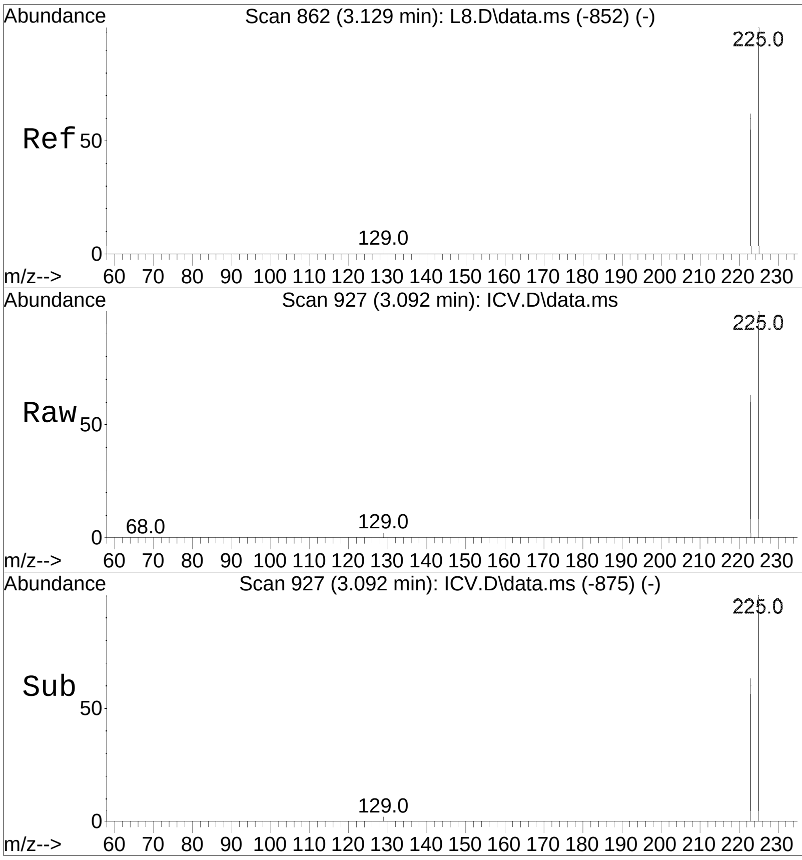


#9
Naphthalene
Concen: 1018.57 ng/ml
RT: 3.021 min Scan# 883
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:128 Resp: 416784

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.3	10.5	15.7

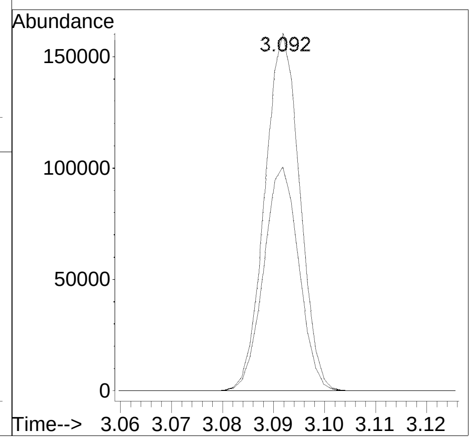


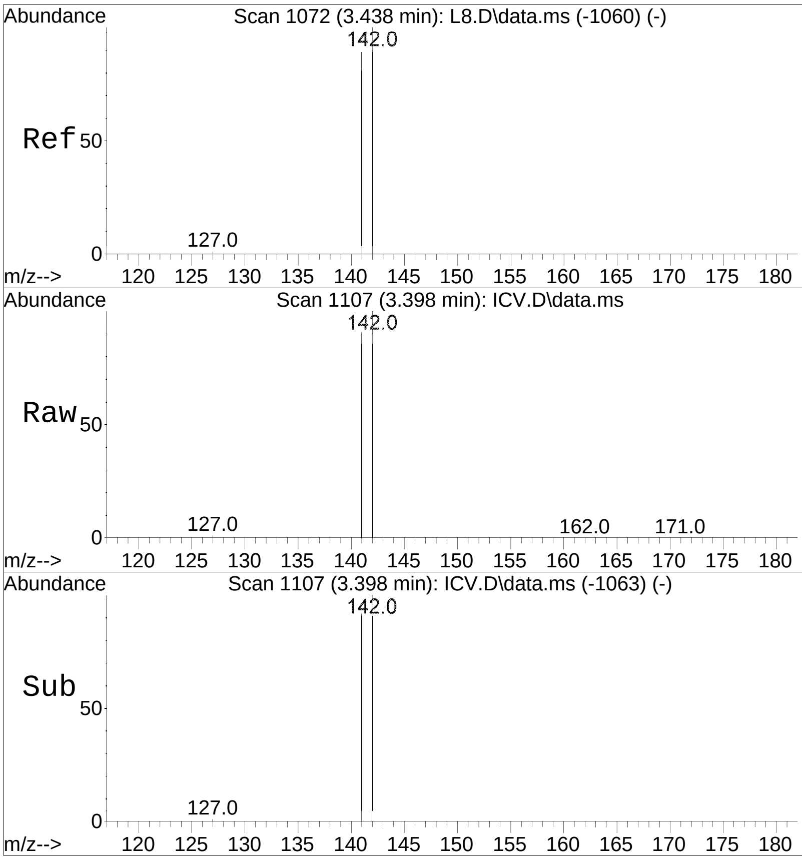


#10
Hexachlorobutadiene
Concen: 1052.26 ng/ml
RT: 3.092 min Scan# 927
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:225 Resp: 75773

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6

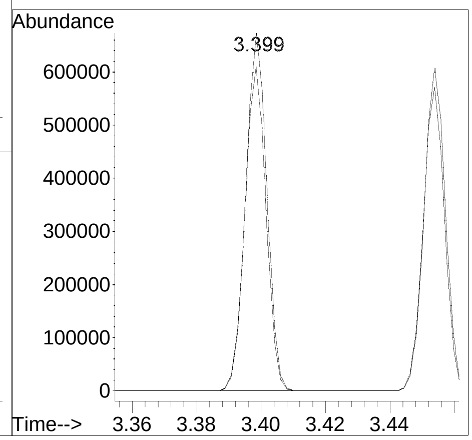


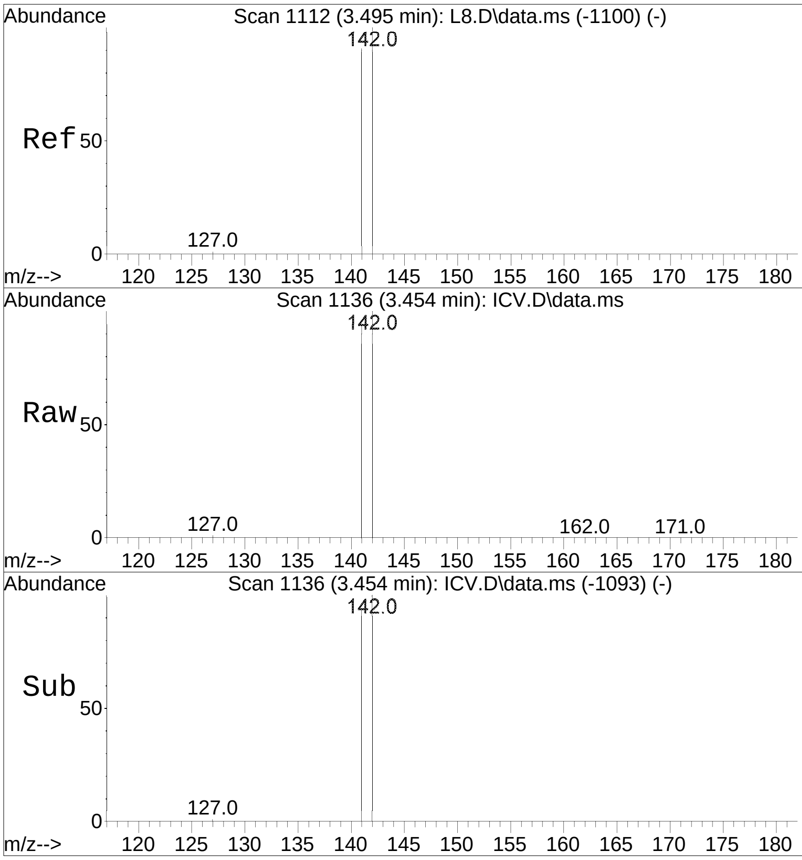


#11
2-Methylnaphthalene
Concen: 1071.91 ng/ml
RT: 3.398 min Scan# 1107
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:142 Resp: 306508

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.3	106.9

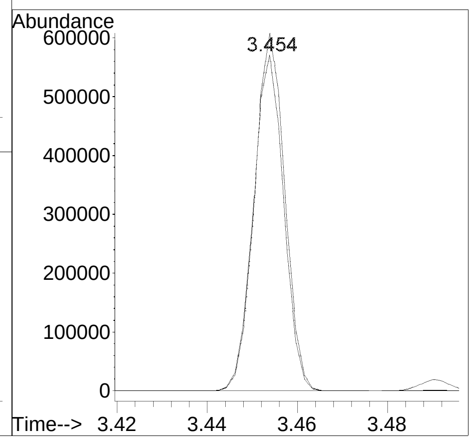


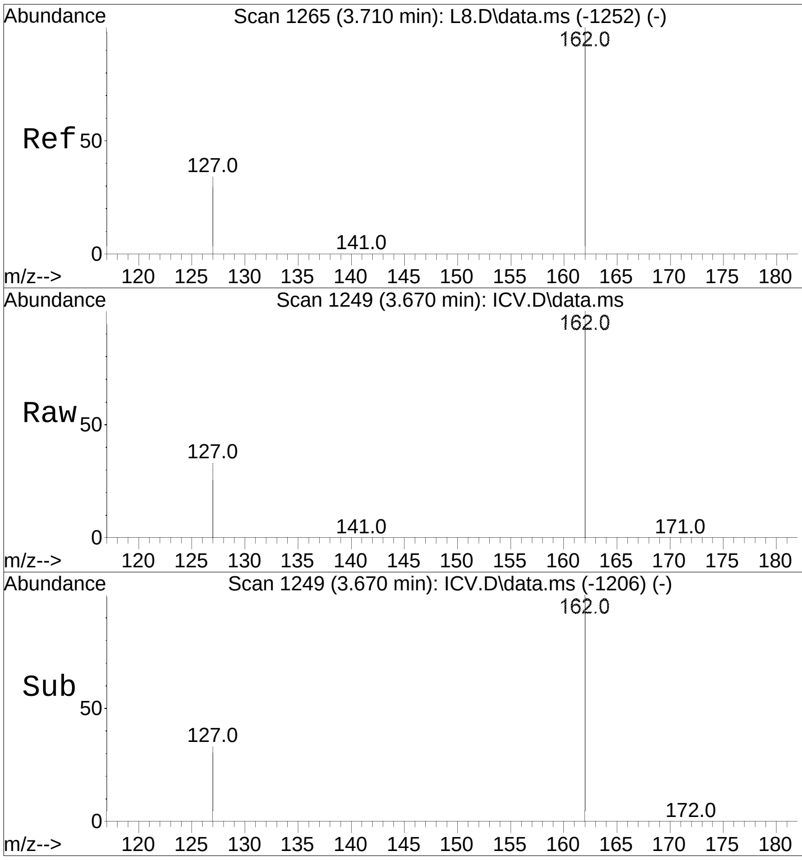


#12
1-Methylnaphthalene
Concen: 1067.84 ng/ml
RT: 3.454 min Scan# 1136
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:142 Resp: 281151

Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.8	110.6

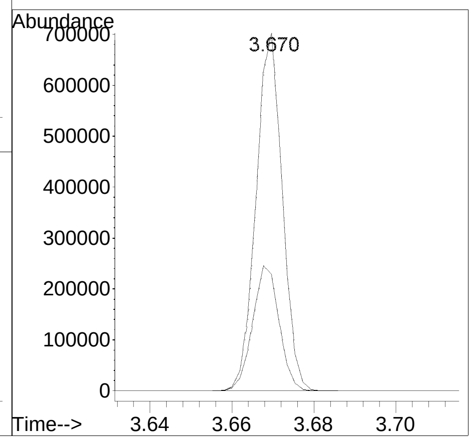


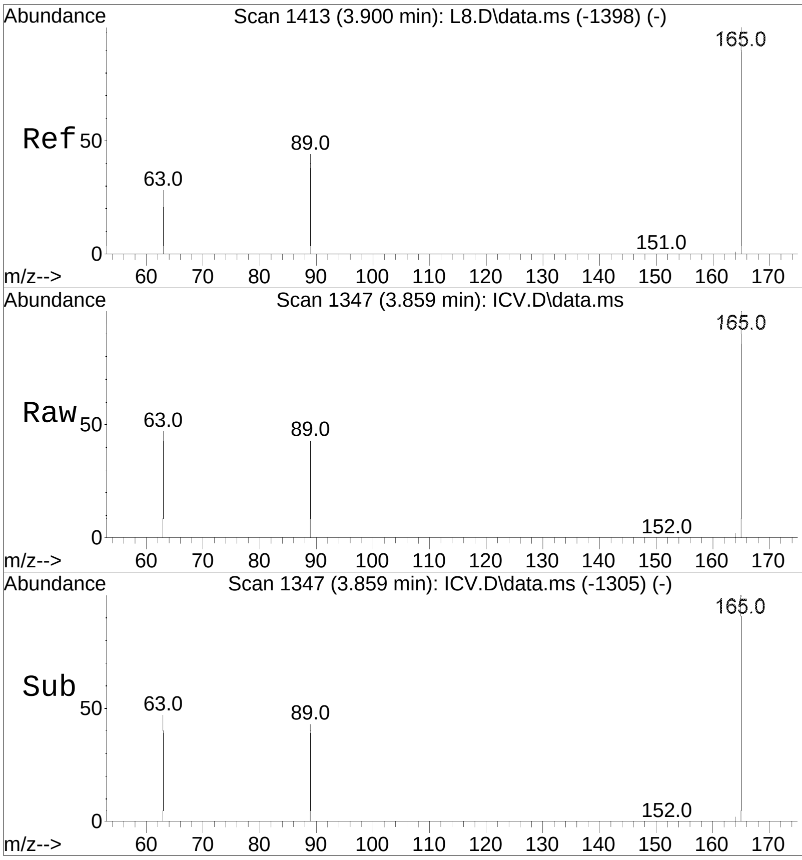


#14
2-Chloronaphthalene
Concen: 1048.85 ng/ml
RT: 3.670 min Scan# 1249
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:162 Resp: 309748

Ion	Ratio	Lower	Upper
162	100		
127	35.4	27.4	41.0

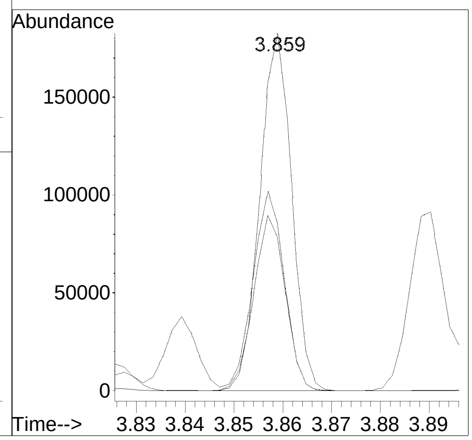


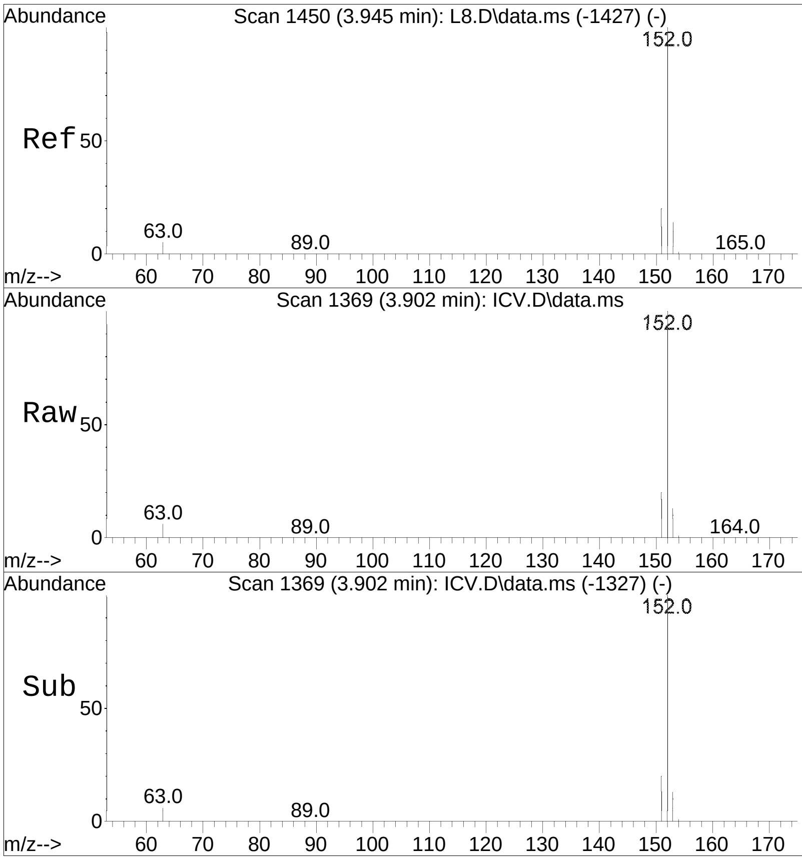


#15
2,6-Dinitrotoluene
Concen: 1129.57 ng/ml
RT: 3.859 min Scan# 1347
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:165 Resp: 82208

Ion	Ratio	Lower	Upper
165	100		
89	49.1	37.8	56.8
63	55.4	36.9	55.3#

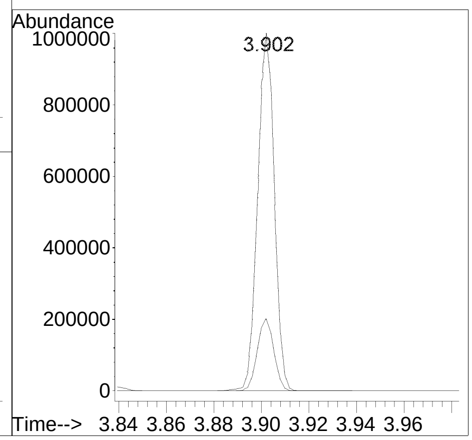


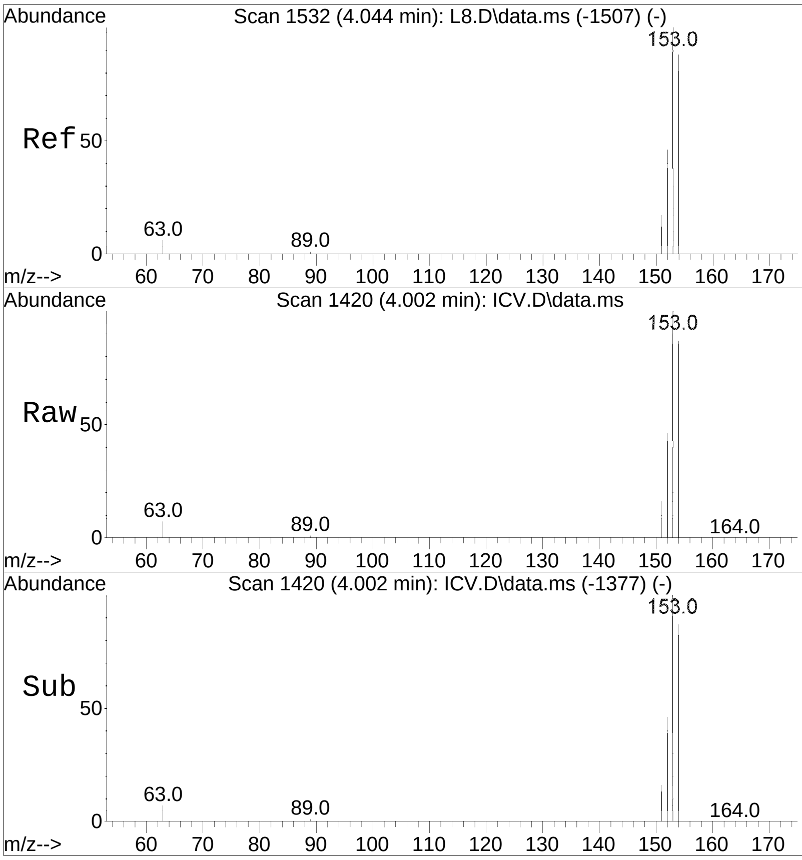


#16
Acenaphthylene
Concen: 1057.72 ng/ml
RT: 3.902 min Scan# 1369
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:152 Resp: 483748

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9

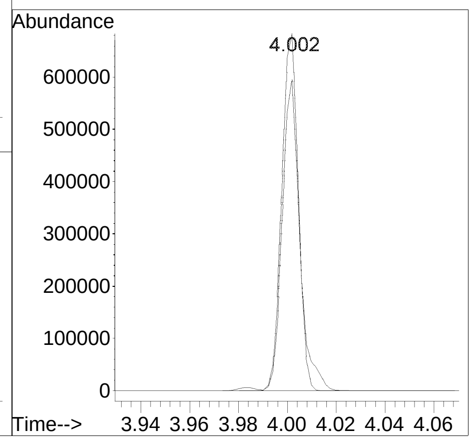


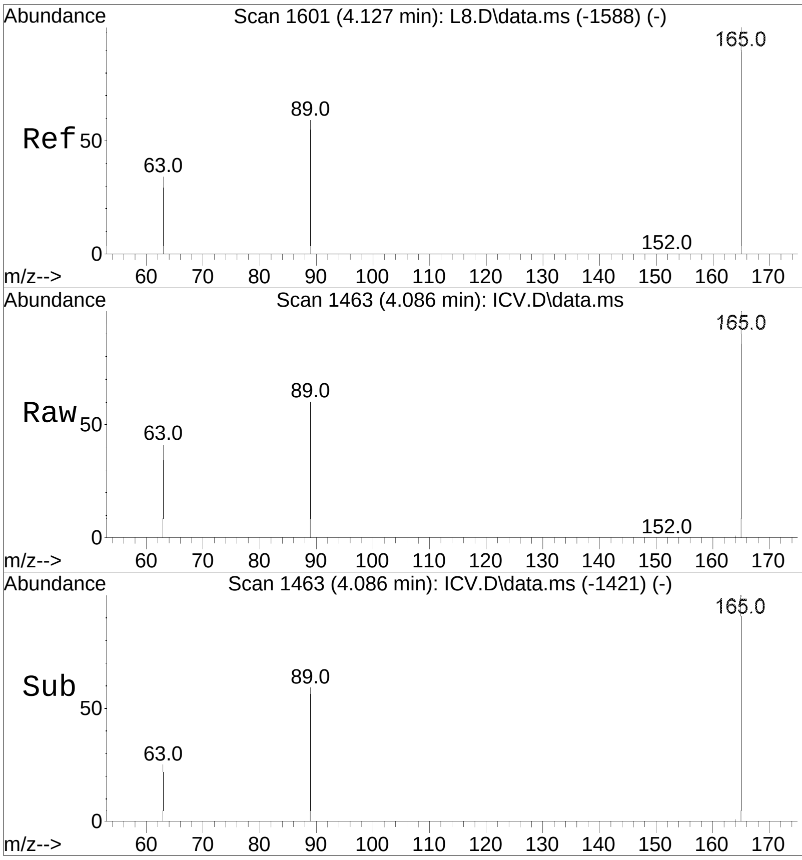


#18
Acenaphthene
Concen: 1042.24 ng/ml
RT: 4.002 min Scan# 1420
Delta R.T. 0.005 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:153 Resp: 319572

Ion	Ratio	Lower	Upper
153	100		
154	92.4	73.1	109.7

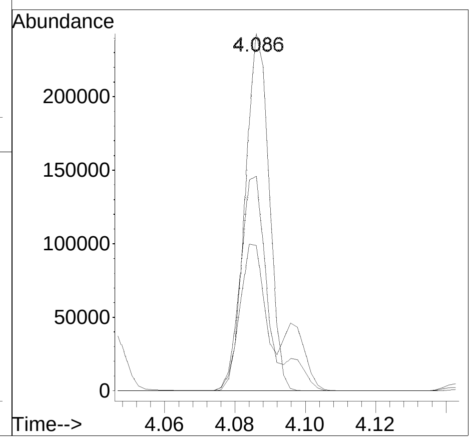


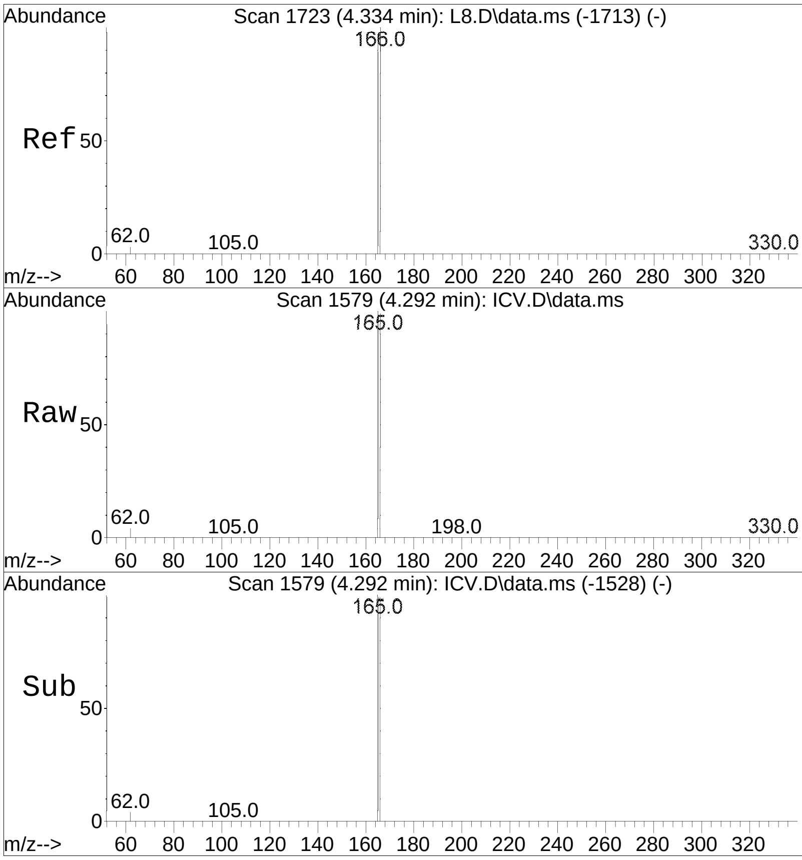


#19
2,4-Dinitrotoluene
Concen: 1169.85 ng/ml
RT: 4.086 min Scan# 1463
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:165 Resp: 114104

Ion	Ratio	Lower	Upper
165	100		
89	64.3	48.7	73.1
63	44.5	28.6	42.8#

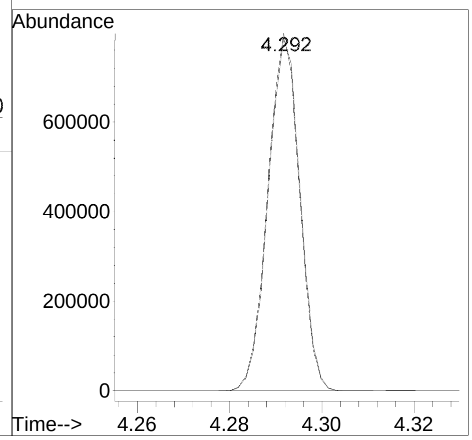




#20
Fluorene
Concen: 1072.35 ng/ml
RT: 4.292 min Scan# 1579
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

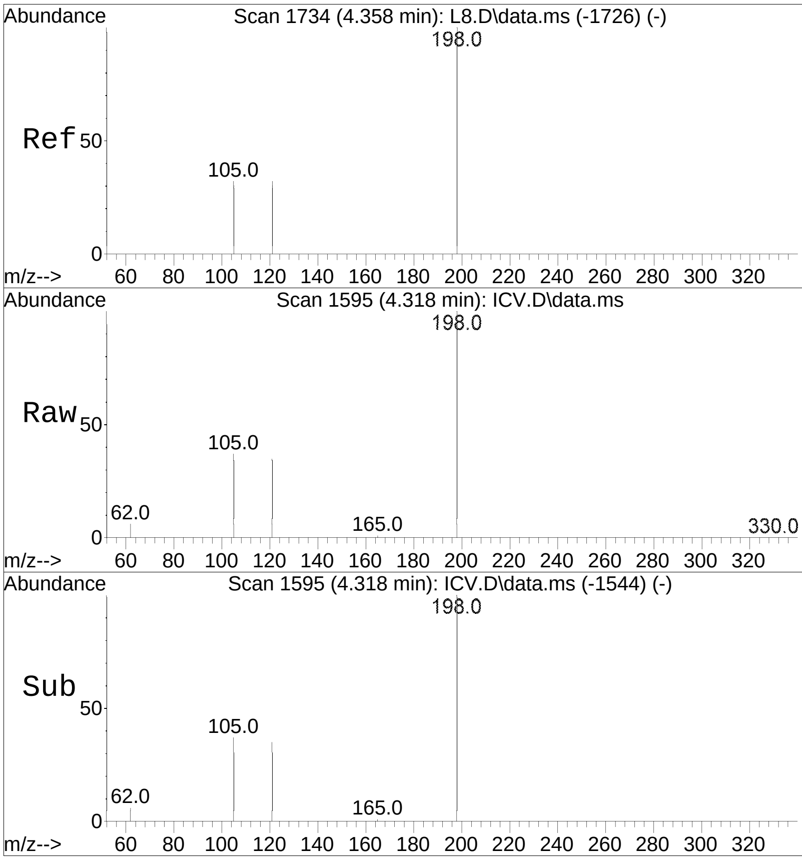
Tgt Ion:166 Resp: 377766

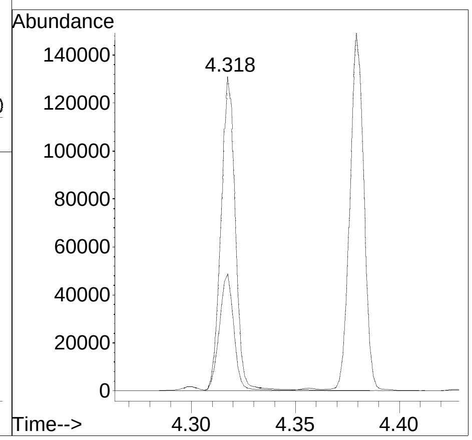
Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.8

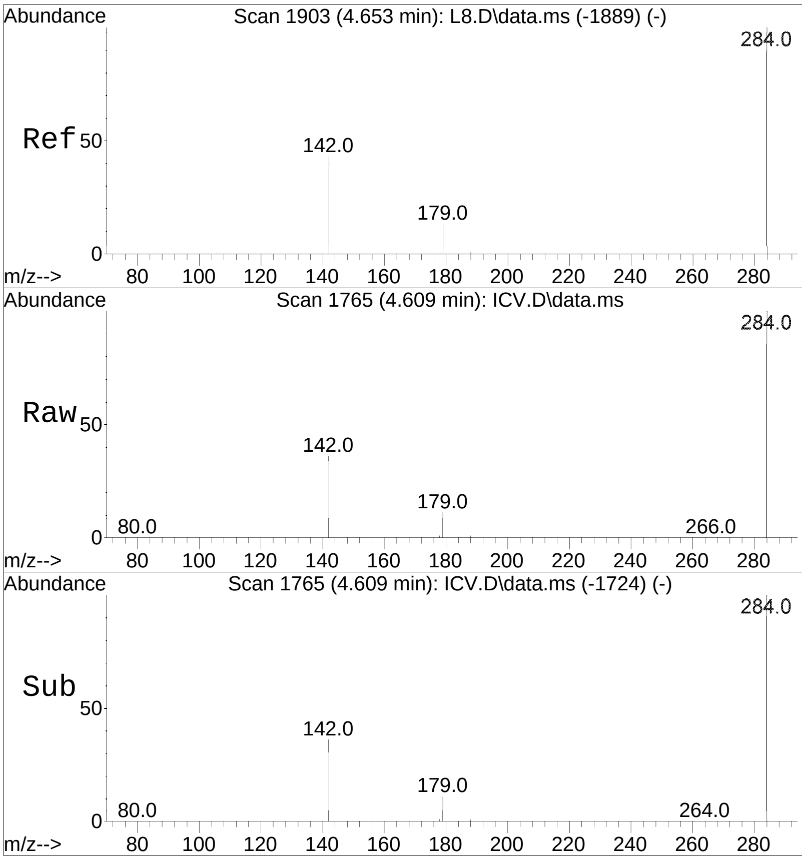


#23
4,6-Dinitro-o-cresol
Concen: 995.82 ng/ml
RT: 4.318 min Scan# 1595
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:198	Resp:		63393
Ion	Ratio	Lower	Upper
198	100		
105	36.5	30.6	45.8



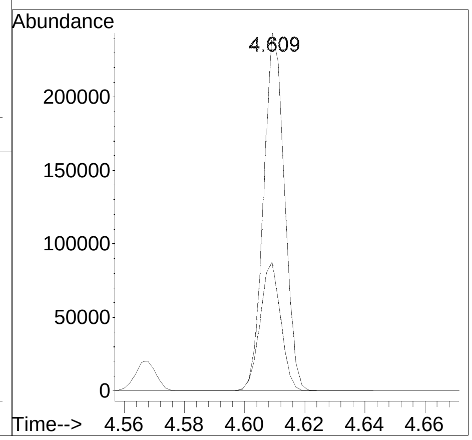


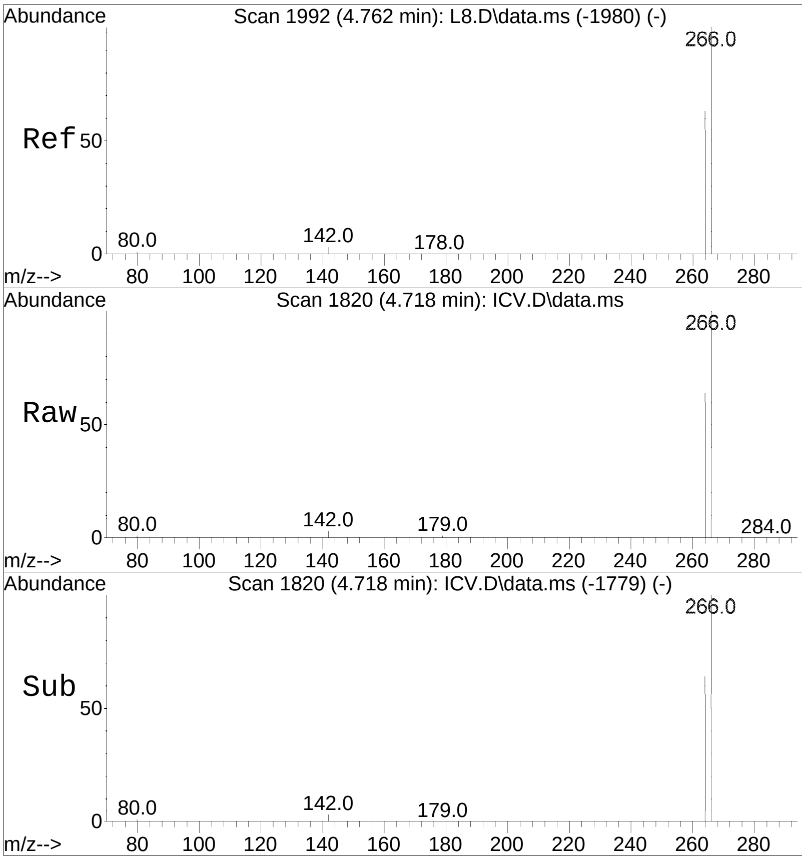


#24
Hexachlorobenzene
Concen: 1019.10 ng/ml
RT: 4.609 min Scan# 1765
Delta R.T. 0.001 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:284 Resp: 116516

Ion	Ratio	Lower	Upper
284	100		
142	35.7	33.8	50.6

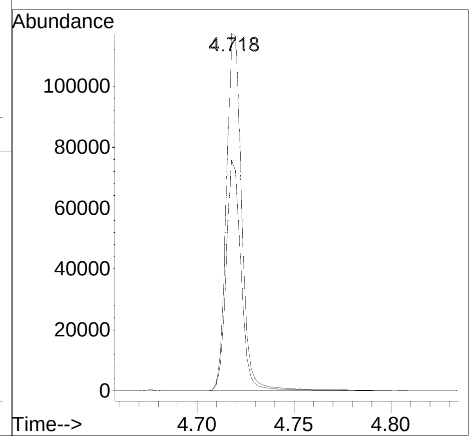


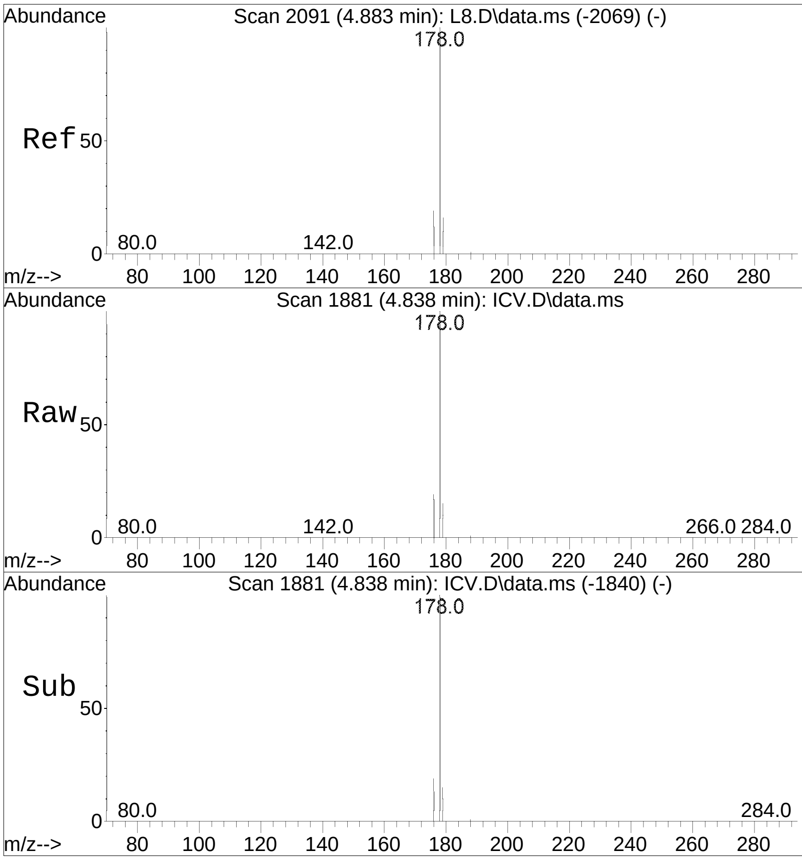


#25
Pentachlorophenol
Concen: 1104.28 ng/ml
RT: 4.718 min Scan# 1820
Delta R.T. 0.002 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:266 Resp: 64222

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.8	76.2

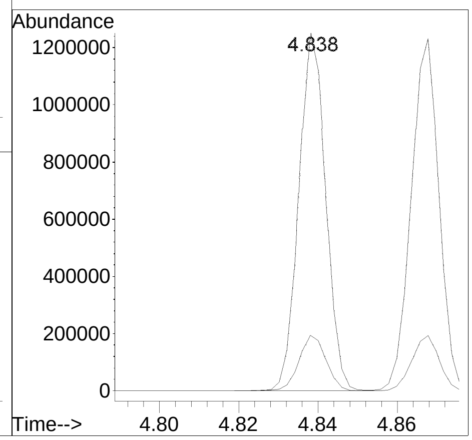


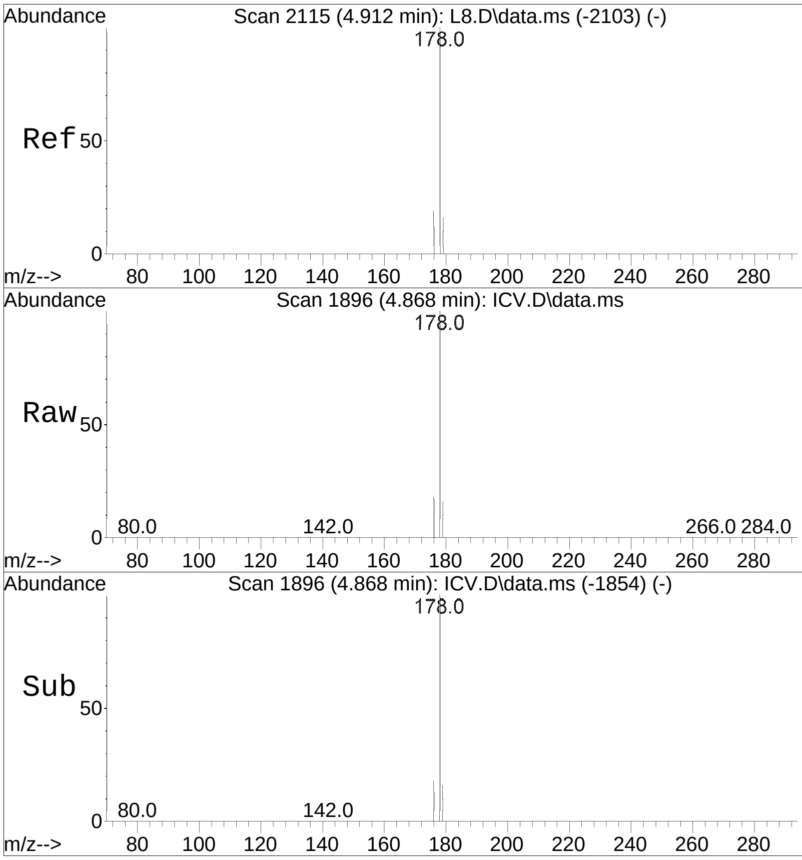


#26
Phenanthrene
Concen: 1039.89 ng/ml
RT: 4.838 min Scan# 1881
Delta R.T. 0.001 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:178 Resp: 589743

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2

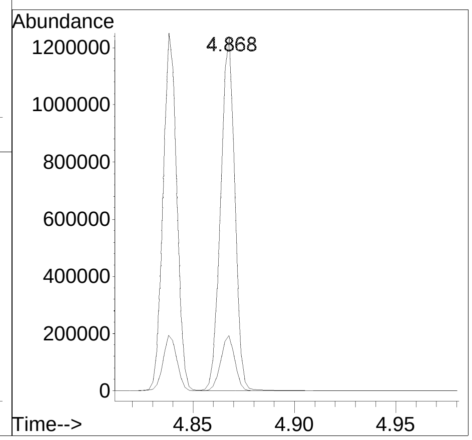


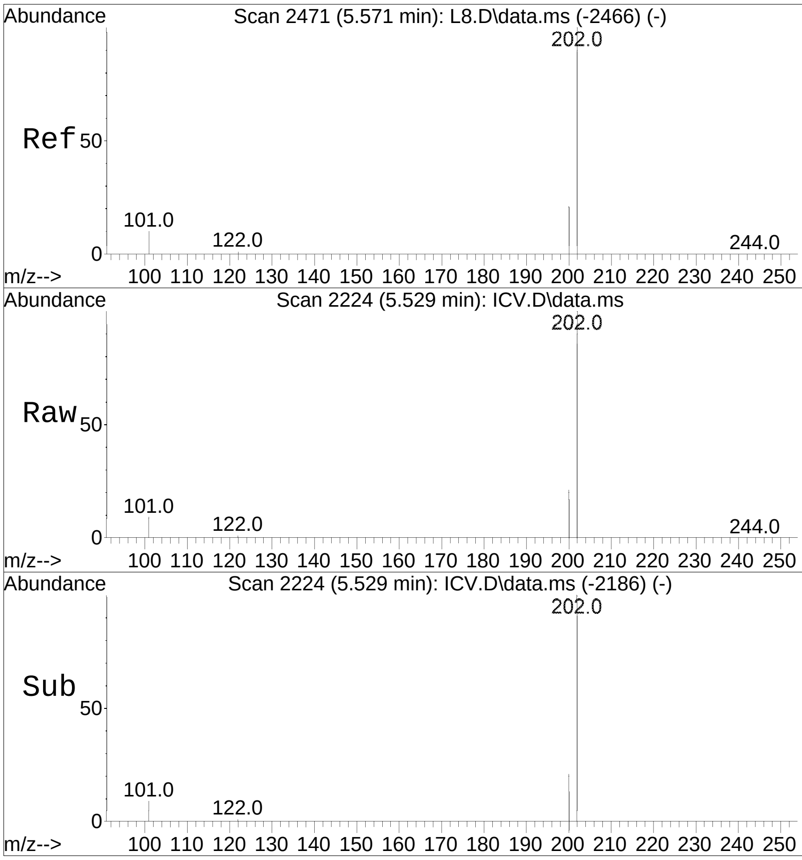


#27
Anthracene
Concen: 1059.50 ng/ml
RT: 4.868 min Scan# 1896
Delta R.T. 0.004 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:178 Resp: 602433

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8

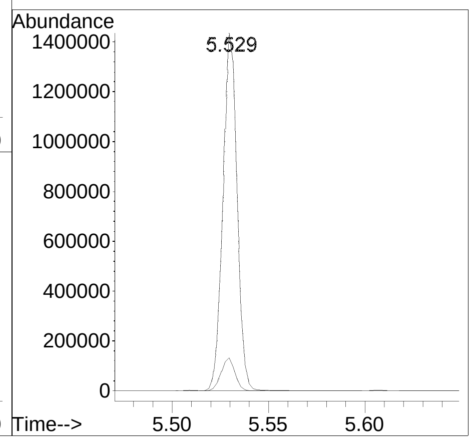


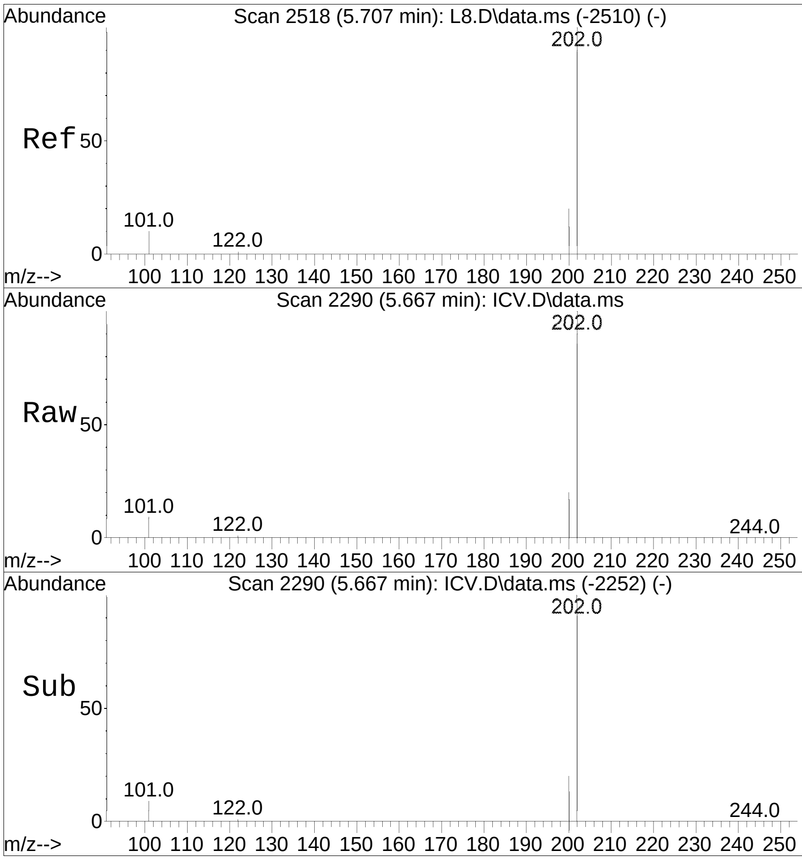


#28
Fluoranthene
Concen: 1022.92 ng/ml
RT: 5.529 min Scan# 2224
Delta R.T. -0.001 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:202 Resp: 725789

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.2	12.2

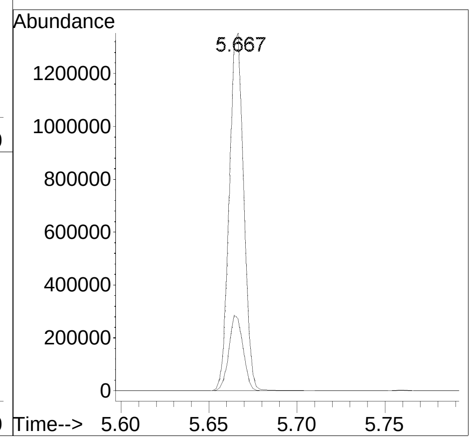


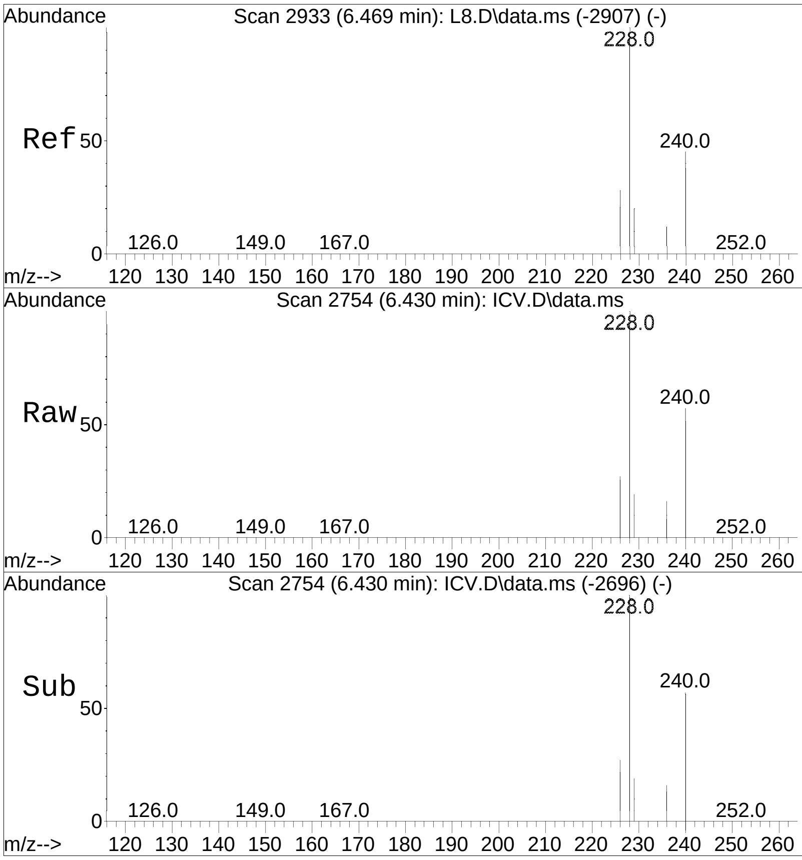


#29
Pyrene
Concen: 1043.13 ng/ml
RT: 5.667 min Scan# 2290
Delta R.T. -0.000 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:202 Resp: 763953

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3

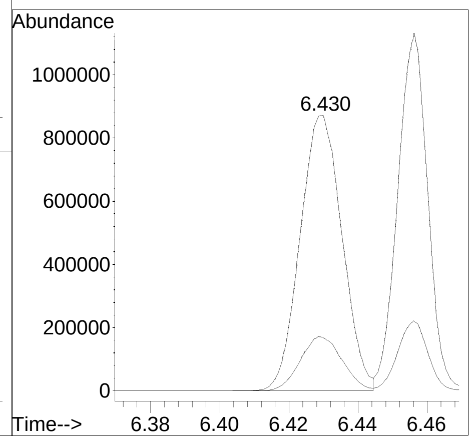


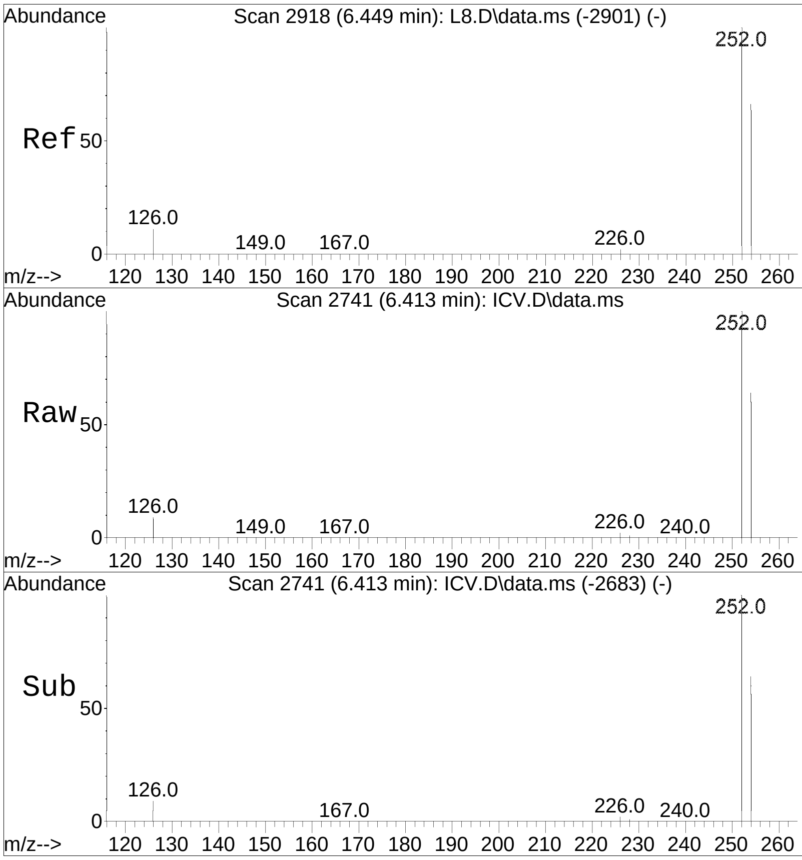


#32
Benzo[a]anthracene
Concen: 1090.32 ng/ml
RT: 6.430 min Scan# 2754
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:228 Resp: 734331

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9

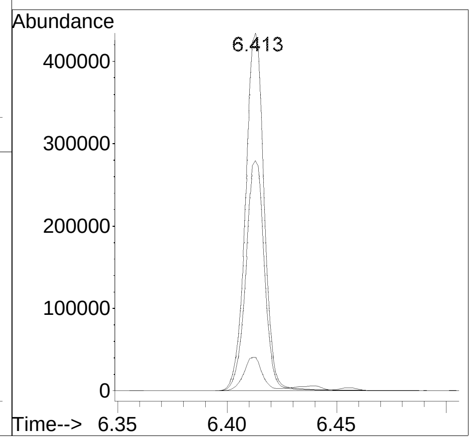


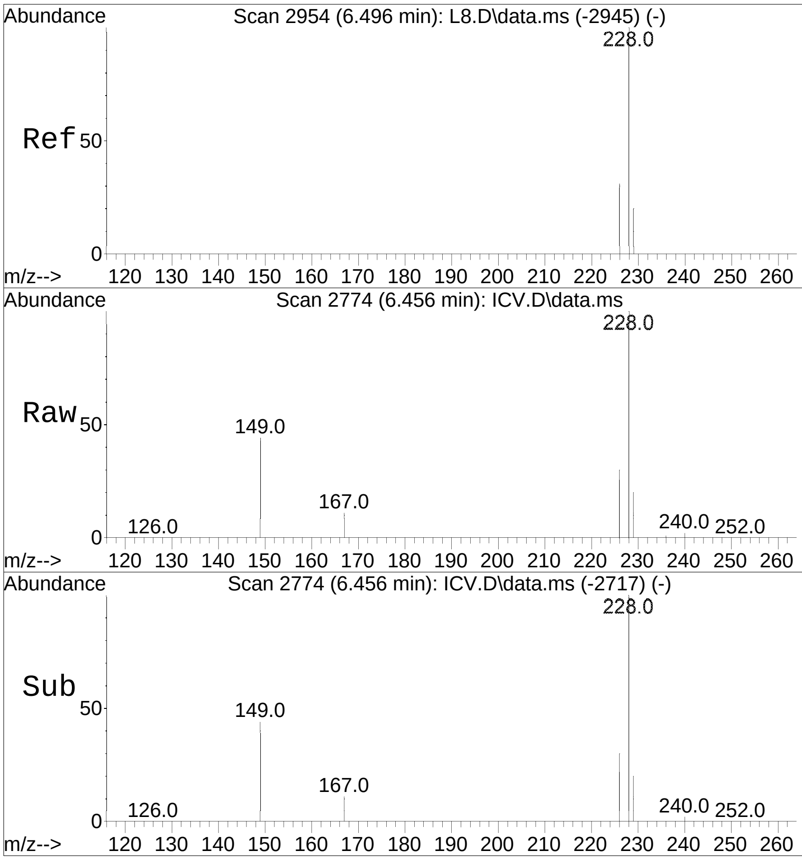


#33
3,3'-Dichlorobenzidine
Concen: 1066.31 ng/ml
RT: 6.413 min Scan# 2741
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:252 Resp: 255382

Ion	Ratio	Lower	Upper
252	100		
126	9.4	8.6	13.0
254	64.6	51.8	77.8

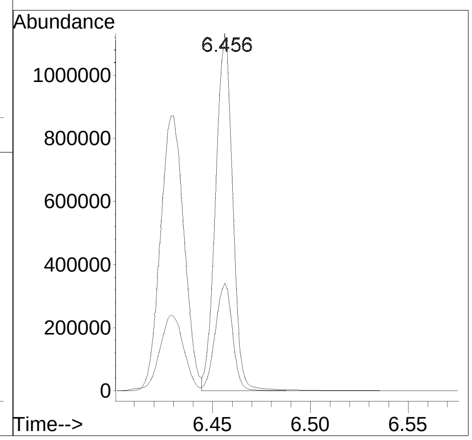


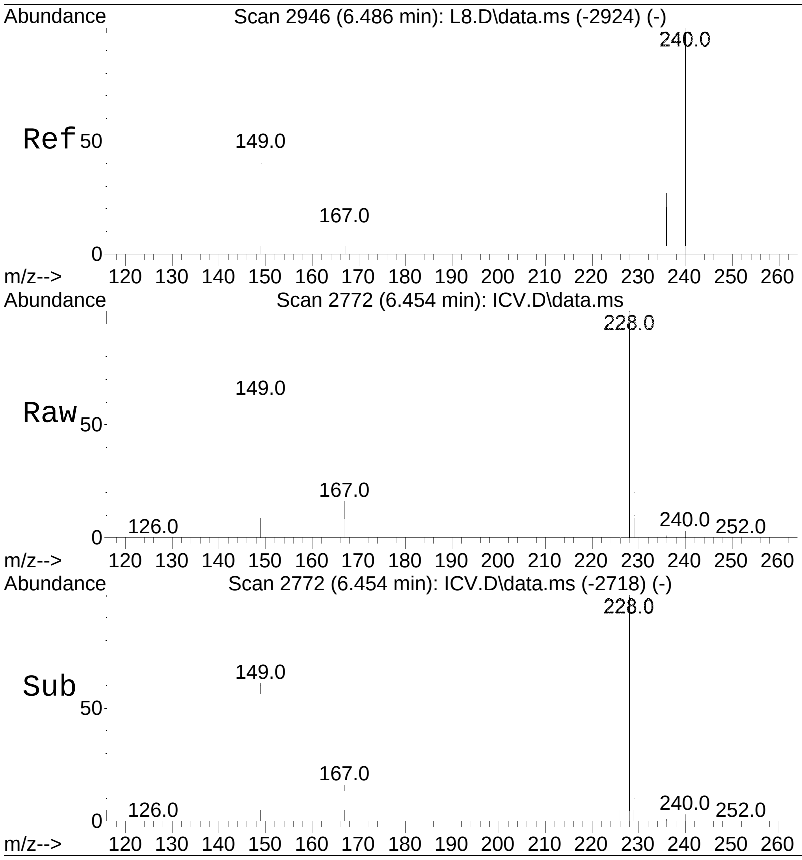


#34
Chrysene
Concen: 1049.40 ng/ml
RT: 6.456 min Scan# 2774
Delta R.T. -0.006 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:228 Resp: 687425

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6

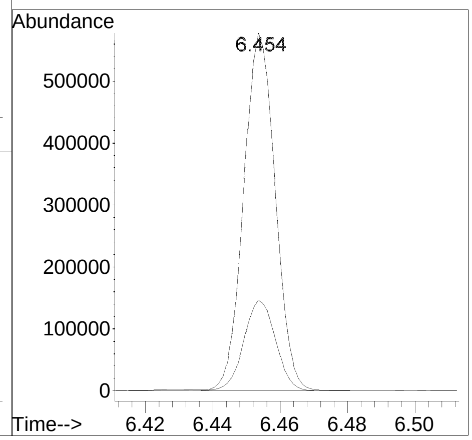


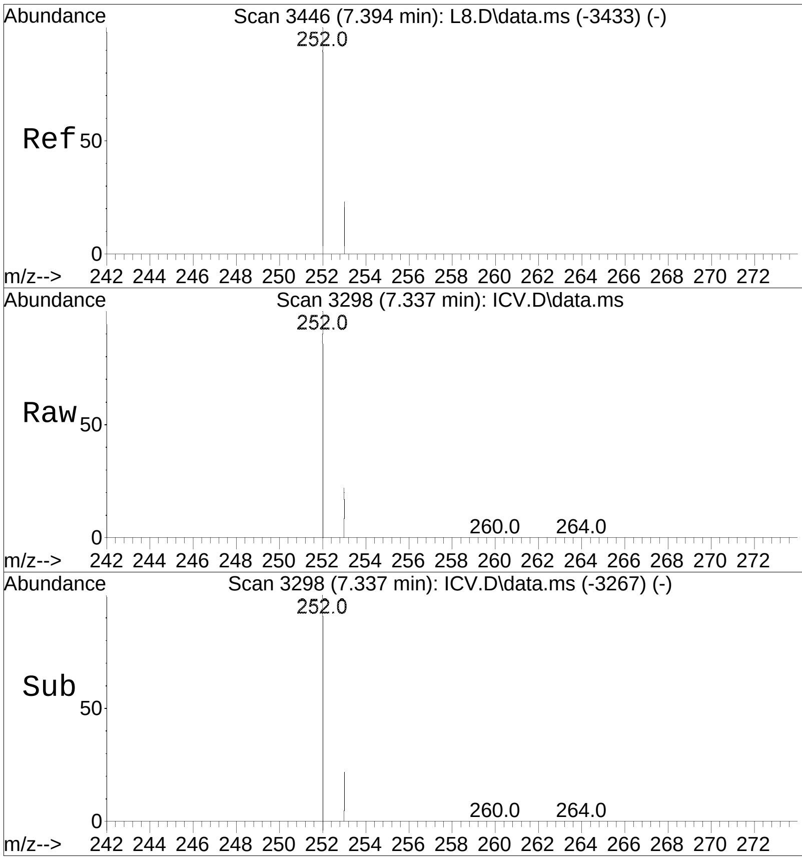


#35
Bis(2-ethylhexyl)phthalate
Concen: 1102.02 ng/ml
RT: 6.454 min Scan# 2772
Delta R.T. -0.009 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:149 Resp: 374501

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.7	31.1

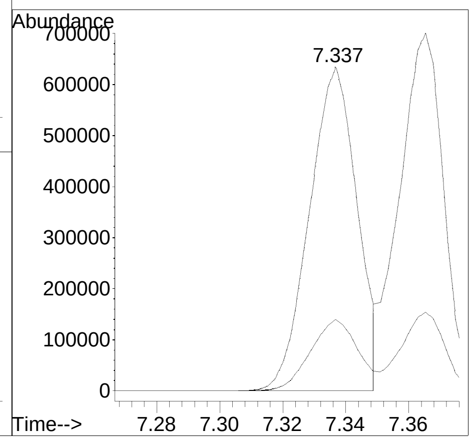


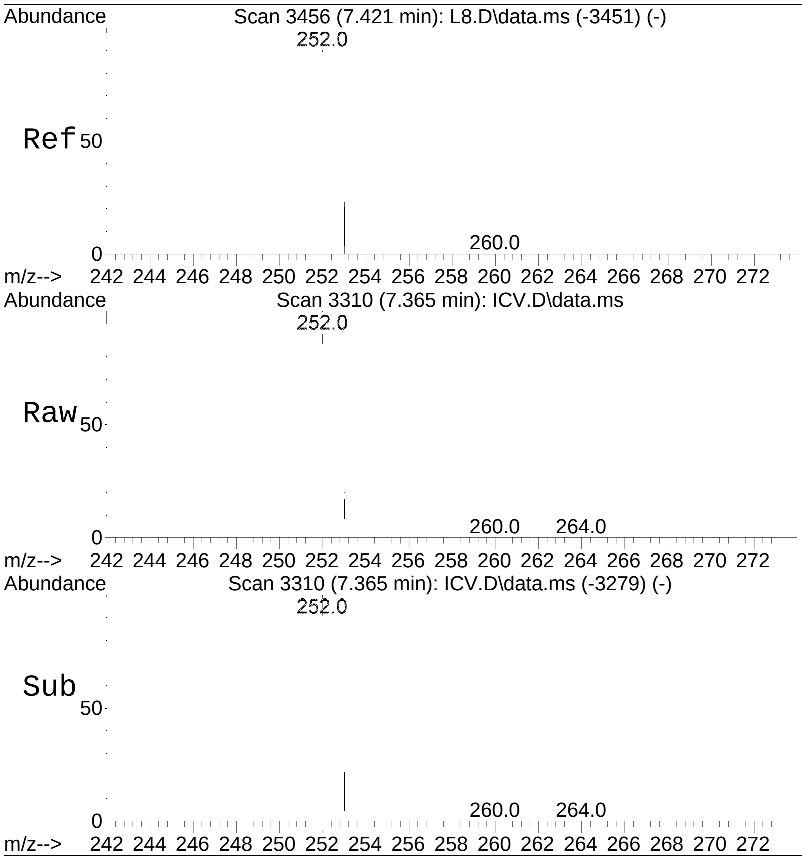


#37
Benzo[b]fluoranthene
Concen: 1060.06 ng/ml
RT: 7.337 min Scan# 3298
Delta R.T. -0.006 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:252 Resp: 664339

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1

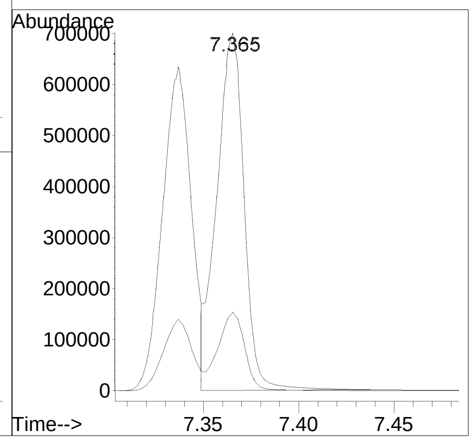


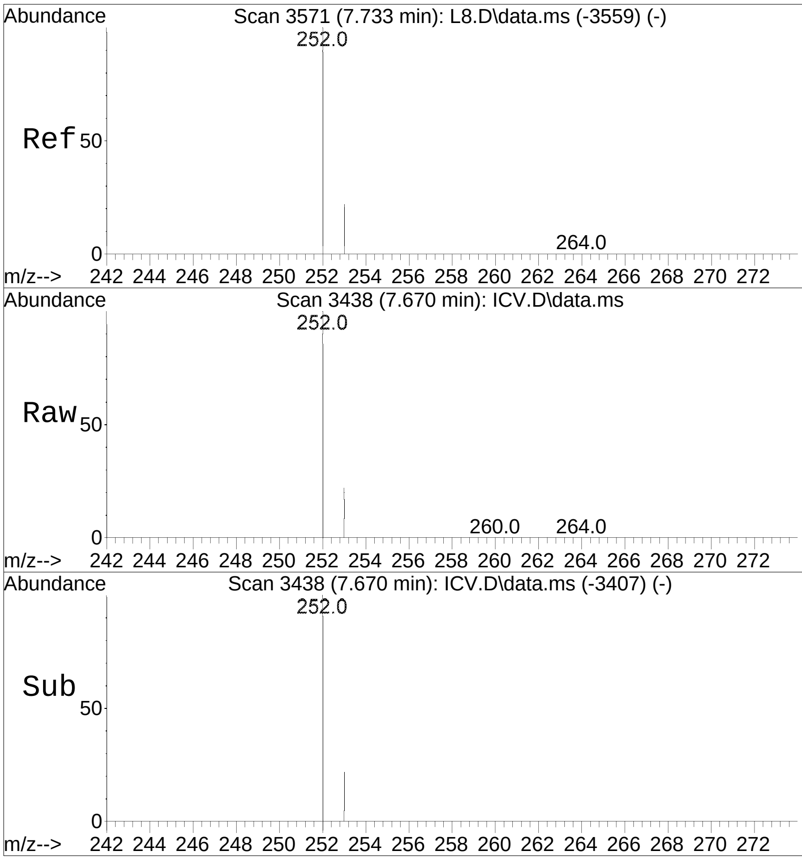


#38
Benzo[k]fluoranthene
Concen: 1120.26 ng/ml
RT: 7.365 min Scan# 3310
Delta R.T. -0.007 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:252 Resp: 692334

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2

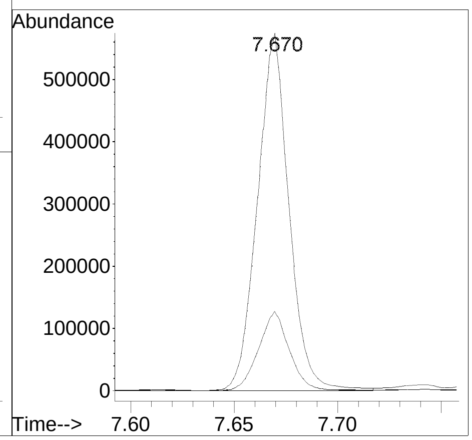


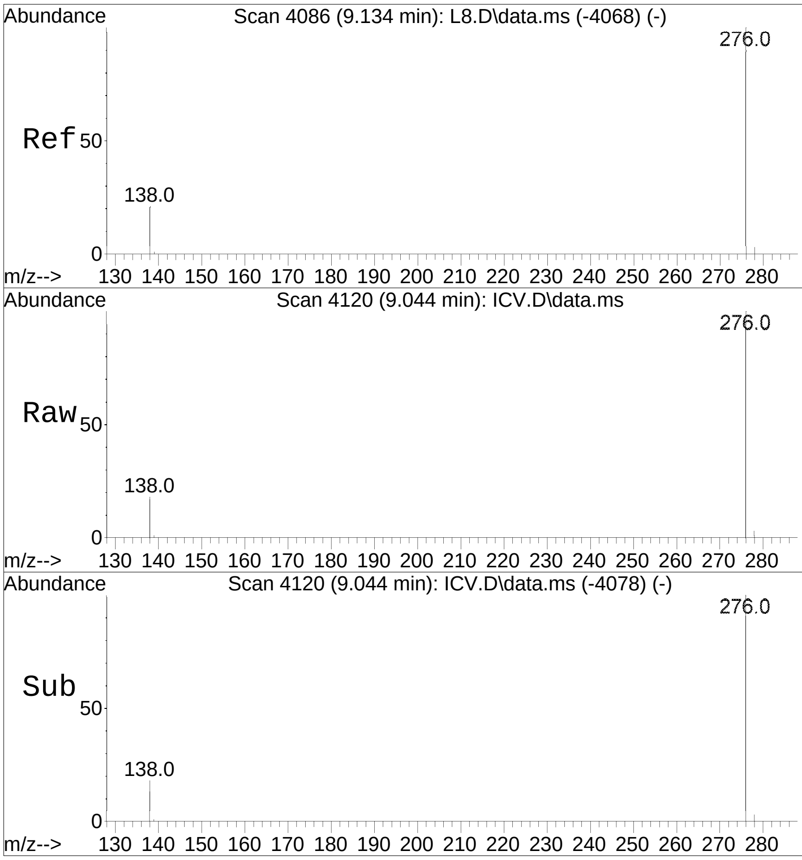


#39
Benzo[a]pyrene
Concen: 1129.74 ng/ml
RT: 7.670 min Scan# 3438
Delta R.T. -0.006 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:252 Resp: 600762

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9

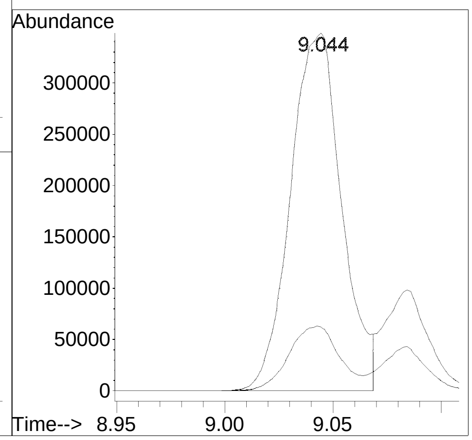


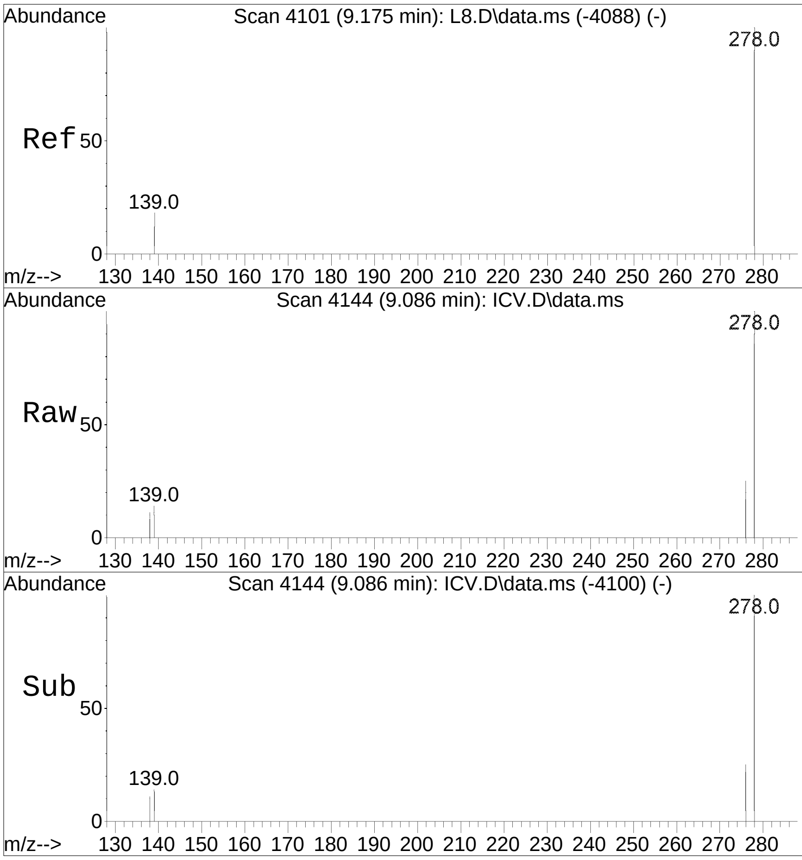


#40
Indeno[1,2,3-cd]pyrene
Concen: 1108.58 ng/ml
RT: 9.044 min Scan# 4120
Delta R.T. -0.008 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:276 Resp: 570718

Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.9	25.3

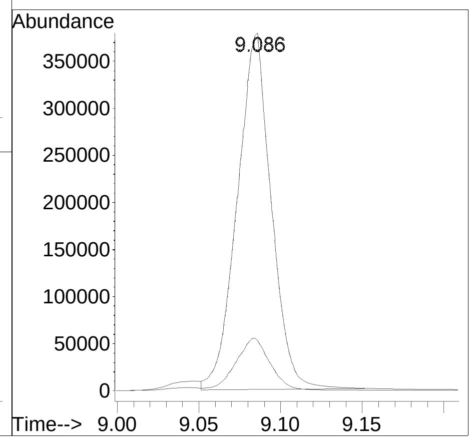


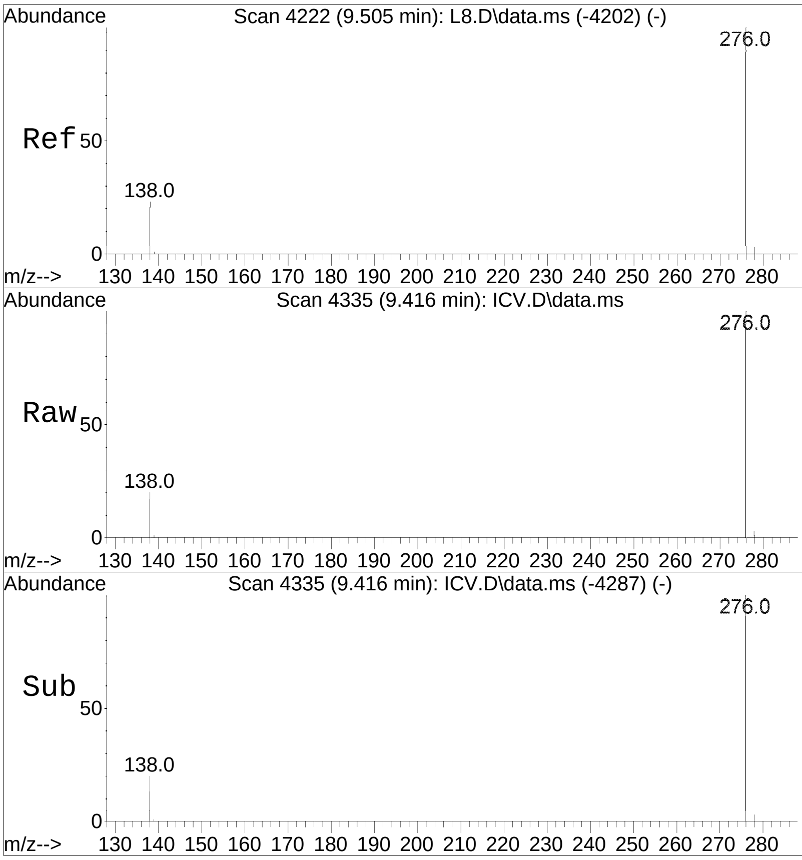


#41
Dibenzo[a,h]anthracene
Concen: 1143.97 ng/ml
RT: 9.086 min Scan# 4144
Delta R.T. -0.003 min
Lab File: ICV.D
Acq: 29 Dec 2024 04:26 pm

Tgt Ion:278 Resp: 546347

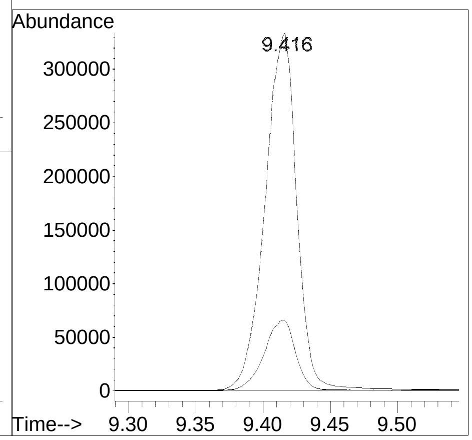
Ion	Ratio	Lower	Upper
278	100		
139	14.8	14.6	22.0






```
#42
Benzo[g,h,i]perylene
Concen: 1106.01 ng/ml
RT:    9.416 min  Scan# 4335
Delta R.T.  0.002 min
Lab File:   ICV.D
Acq: 29 Dec 2024  04:26 pm

Tgt Ion:276 Resp:  541938
Ion  Ratio  Lower  Upper
276  100
138   19.9   18.6   28.0
```



Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\241229RVTQMethod     : SIM-RVT_241229_sv119.M
Data File   : ICV.D                     Operator     : sv119:jjw
Date Inj'd  : 12/29/2024  4:26 pm       Instrument   : SV119
Sample      : CQICV,32,, #10884 1000 ng/Quant Date  : 12/31/2024  4:06 pm
```

There are no manual integrations or false positives in this file.

Evaluate Relative Error Report SV119

Method Path : I:\8270SIM\sv119\241229RVTical\
Method File : SIM-RVT_241229_sv119.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Dec 30 14:10:06 2024

COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
23 T 4,6-Dinitro-o-cresol	L	ng/ml	1000.0	928.938	-7.1	40.00	51.908	29.8
25 T Pentachlorophenol	Q	ng/ml	1000.0	975.015	-2.5	10.00	12.918	29.2
32 T Benzo[a]anthracene	L	ng/ml	1000.0	993.722	-0.6	1.00	0.997	-0.3
33 T 3,3'-Dichlorobenzidine	L	ng/ml	1000.0	900.458	-10.0	40.00	53.130	32.8

Calibration Correlation Report

COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
23 T 4,6-Dinitro-o-cresol	Linear	0.997522	0.000000	0.134994	-0.000924672
25 T Pentachlorophenol	Quadratic	0.996099	0.027892	0.111421	0.00022454
32 T Benzo[a]anthracene	Linear	0.999536	0.000000	1.40593	0.00274239
33 T 3,3'-Dichlorobenzidine	Linear	0.996198	0.000000	0.516632	-0.00349123

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV119	**Calibration Date**	: 03/11/25 09:51
Lab File ID	: CCV0311B	**Init. Calib. Date(s)**	: 12/29/24 12/29/24
Sample No	: WG2039073-3	**Init. Calib. Times**	: 13:37 16:09
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	107	0
2-Fluorophenol	1.072	1.095	.05	-2.1	20	108	0
Phenol-d6	1.338	1.336	.05	0.1	20	104	0
Bis(2-chloroethyl)ether	1.235	1.347	.05	-9.1	20	123	0
n-nitrosodi-n-propylamine	0.827	0.733	.05	11.4	20	93	0
Hexachloroethane	0.518	0.484	.05	6.6	20	104	0
Nitrobenzene-d5	1.297	1.153	.05	11.1	20	96	0
Naphthalene-d8	1	1	.05	0	20	107	0
Naphthalene	1.116	0.966	.05	13.4	20	98	0
Hexachlorobutadiene	0.196	0.159	.05	18.9	20	91	0
2-Methylnaphthalene	0.78	0.62	.05	20.5*	20	89	0
1-Methylnaphthalene	0.718	0.629	.05	12.4	20	97	0
2-Fluorobiphenyl	0.975	0.774	.05	20.6*	20	90	0
2-Chloronaphthalene	0.805	0.664	.05	17.5	20	92	0
2,6-Dinitrotoluene	0.198	0.162	.05	18.2	20	85	0
Acenaphthylene	1.247	1.107	.05	11.2	20	98	0
Acenaphthene-d10	1	1	.05	0	20	96	0
Acenaphthene	1.334	1.202	.05	9.9	20	90	0
2,4-Dinitrotoluene	0.424	0.399	.05	5.9	20	86	0
Fluorene	1.533	1.426	.05	7	20	91	0
2,4,6-Tribromophenol	0.175	0.168	.05	4	20	87	0
Phenanthrene-d10	1	1	.05	0	20	93	0
4,6-Dinitro-o-cresol	1000	718.086	.05	28.2*	20	71	0
Hexachlorobenzene	0.236	0.202	.05	14.4	20	86	0
Pentachlorophenol	1000	839.229	.05	16.1	20	79	0
Phenanthrene	1.17	1.036	.05	11.5	20	86	0
Anthracene	1.173	1.07	.05	8.8	20	88	0
Fluoranthene	1.463	1.247	.05	14.8	20	83	0
Pyrene	1.51	1.279	.05	15.3	20	83	0
4-Terphenyl-d14	0.992	0.771	.05	22.3*	20	75	0
Chrysene-d12	1	1	.05	0	20	83	0
Benzo[a]anthracene	1000	901.889	.05	9.8	20	75	0
3,3'-Dichlorobenzidine	1000	1067.563	.05	-6.8	20	98	0
Chrysene	1.377	1.183	.05	14.1	20	74	0
Bis(2-ethylhexyl)phthalate	0.714	0.772	.05	-8.1	20	86	0
Perylene-d12	1	1	.05	0	20	85	0
Benzo[b]fluoranthene	1.326	1.204	.05	9.2	20	77	0
Benzo[k]fluoranthene	1.307	1.172	.05	10.3	20	77	0
Benzo[a]pyrene	1.125	1.113	.05	1.1	20	82	0
Indeno[1,2,3-cd]pyrene	1.089	1.123	.05	-3.1	20	84	0
Dibenzo[a,h]anthracene	1.01	1.055	.05	-4.5	20	83	0
Benzo[g,h,i]perylene	1.036	1.079	.05	-4.2	20	86	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: SV119	**Calibration Date**	: 03/12/25 06:56
Lab File ID	: CCV0312A	**Init. Calib. Date(s)**	: 12/29/24 12/29/24
Sample No	: WG2039433-3	**Init. Calib. Times**	: 13:37 16:09
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	89	0
2-Fluorophenol	1.072	1.112	.05	-3.7	20	91	0
Phenol-d6	1.338	1.358	.05	-1.5	20	88	0
Bis(2-chloroethyl)ether	1.235	1.181	.05	4.4	20	90	0
n-nitrosodi-n-propylamine	0.827	0.829	.05	-0.2	20	88	0
Hexachloroethane	0.518	0.485	.05	6.4	20	86	0
Nitrobenzene-d5	1.297	1.208	.05	6.9	20	83	0
Naphthalene-d8	1	1	.05	0	20	92	0
Naphthalene	1.116	0.967	.05	13.4	20	85	0
Hexachlorobutadiene	0.196	0.153	.05	21.9*	20	75	0
2-Methylnaphthalene	0.78	0.625	.05	19.9	20	77	0
1-Methylnaphthalene	0.718	0.638	.05	11.1	20	85	0
2-Fluorobiphenyl	0.975	0.782	.05	19.8	20	78	0
2-Chloronaphthalene	0.805	0.674	.05	16.3	20	80	0
2,6-Dinitrotoluene	0.198	0.168	.05	15.2	20	76	0
Acenaphthylene	1.247	1.148	.05	7.9	20	88	0
Acenaphthene-d10	1	1	.05	0	20	86	0
Acenaphthene	1.334	1.194	.05	10.5	20	80	0
2,4-Dinitrotoluene	0.424	0.388	.05	8.5	20	75	0
Fluorene	1.533	1.423	.05	7.2	20	81	0
2,4,6-Tribromophenol	0.175	0.166	.05	5.1	20	77	0
Phenanthrene-d10	1	1	.05	0	20	84	0
4,6-Dinitro-o-cresol	1000	704.449	.05	29.6*	20	63	0
Hexachlorobenzene	0.236	0.192	.05	18.6	20	74	0
Pentachlorophenol	1000	649.4	.05	35.1*	20	55	0
Phenanthrene	1.17	1.015	.05	13.2	20	77	0
Anthracene	1.173	1.059	.05	9.7	20	79	0
Fluoranthene	1.463	1.267	.05	13.4	20	76	0
Pyrene	1.51	1.307	.05	13.4	20	77	0
4-Terphenyl-d14	0.992	0.805	.05	18.9	20	71	0
Chrysene-d12	1	1	.05	0	20	81	0
Benzo[a]anthracene	1000	908.038	.05	9.2	20	74	0
3,3'-Dichlorobenzidine	1000	1135.773	.05	-13.6	20	102	0
Chrysene	1.377	1.173	.05	14.8	20	72	0
Bis(2-ethylhexyl)phthalate	0.714	0.972	.05	-36.1*	20	106	0
Perylene-d12	1	1	.05	0	20	84	0
Benzo[b]fluoranthene	1.326	1.236	.05	6.8	20	78	0
Benzo[k]fluoranthene	1.307	1.211	.05	7.3	20	78	0
Benzo[a]pyrene	1.125	1.158	.05	-2.9	20	84	0
Indeno[1,2,3-cd]pyrene	1.089	1.165	.05	-7	20	86	0
Dibenzo[a,h]anthracene	1.01	1.076	.05	-6.5	20	83	0
Benzo[g,h,i]perylene	1.036	1.099	.05	-6.1	20	86	0

*** Value outside of QC limits.**

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : ccv0311b.D
Acq On : 11 Mar 2025 09:51 am
Operator : sv119:jjw
Sample : WG2039073-3,32,,ICV 11275 (0309)
Misc : WG2039073,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 11 12:33:22 2025
Quant Method : I:\8270SIM\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:34 2025
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
2	T	N-Nitrosodimethylamine	0.000	0.000#	0.0	0#	-1.19#
3	s	2-Fluorophenol	1.072	1.095	-2.1	108	0.00
4	s	Phenol-d6	1.338	1.336	0.1	104	0.00
5	T	Bis(2-chloroethyl)ether	1.235	1.347	-9.1	123	0.00
6	T	n-nitrosodi-n-propylamine	0.827	0.733	11.4	93	0.00
7	t	Hexachloroethane	0.518	0.484	6.6	104	0.00
8	s	Nitrobenzene-d5	1.297	1.153	11.1	96	0.00
9	i	Naphthalene-d8	1.000	1.000	0.0	107	0.00
10	t	Naphthalene	1.116	0.966	13.4	98	0.00
11	t	Hexachlorobutadiene	0.196	0.159	18.9	91	0.00
12	t	2-Methylnaphthalene	0.780	0.620	20.5#	89	0.00
13	t	1-Methylnaphthalene	0.718	0.629	12.4	97	0.00
14	s	2-Fluorobiphenyl	0.975	0.774	20.6#	90	0.00
15	t	2-Chloronaphthalene	0.805	0.664	17.5	92	0.00
16	t	2,6-Dinitrotoluene	0.198	0.162	18.2	85	0.00
17	t	Acenaphthylene	1.247	1.107	11.2	98	0.00
18	i	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
19	t	Acenaphthene	1.334	1.202	9.9	90	0.00
20	t	2,4-Dinitrotoluene	0.424	0.399	5.9	86	0.00
21	t	Fluorene	1.533	1.426	7.0	91	0.00
22	s	2,4,6-Tribromophenol	0.175	0.168	4.0	87	0.00
23	i	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
24	T	4,6-Dinitro-o-cresol	*1000.000	718.086	28.2#	71	0.00
25	t	Hexachlorobenzene	0.236	0.202	14.4	86	0.00
26	t	Pentachlorophenol	*1000.000	839.229	16.1	79	0.00
27	t	Phenanthrene	1.170	1.036	11.5	86	0.00
28	t	Anthracene	1.173	1.070	8.8	88	0.00
29	t	Fluoranthene	1.463	1.247	14.8	83	0.00
30	t	Pyrene	1.510	1.279	15.3	83	0.00
31	T	Benzidine	0.000	0.711	0.0	0#	0.00
32	s	4-Terphenyl-d14	0.992	0.771	22.3#	75	0.00
33	i	Chrysene-d12	1.000	1.000	0.0	83	0.00
34	t	Benzo[a]anthracene	*1000.000	901.889	9.8	75	0.00
35	t	3,3'-Dichlorobenzidine	*1000.000	1067.563	-6.8	98	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : ccv0311b.D
Acq On : 11 Mar 2025 09:51 am
Operator : sv119:jjw
Sample : WG2039073-3,32,,ICV 11275 (0309)
Misc : WG2039073,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 11 12:33:22 2025
Quant Method : I:\8270SIM\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:34 2025
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
36 t	Chrysene	1.377	1.183	14.1	74	0.00
37 T	Bis(2-ethylhexyl)phthalate	0.714	0.772	-8.1	86	0.00
38 i	Perylene-d12	1.000	1.000	0.0	85	0.00
39 t	Benzo[b]fluoranthene	1.326	1.204	9.2	77	0.00
40 t	Benzo[k]fluoranthene	1.307	1.172	10.3	77	0.00
41 t	Benzo[a]pyrene	1.125	1.113	1.1	82	0.00
42 t	Indeno[1,2,3-cd]pyrene	1.089	1.123	-3.1	84	0.00
43 t	Dibenzo[a,h]anthracene	1.010	1.055	-4.5	83	0.00
44 t	Benzo[g,h,i]perylene	1.036	1.079	-4.2	86	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : ccv0311b.D
Acq On : 11 Mar 2025 09:51 am
Operator : sv119:jjw
Sample : WG2039073-3,32,,ICV 11275 (0309)
Misc : WG2039073,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 11 12:33:22 2025
Quant Method : I:\8270SIM\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:34 2025
Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.211	152	325676	4000.000	ng/ml	0.00
9) Naphthalene-d8	2.864	136	1225929	4000.000	ng/ml	0.00
18) Acenaphthene-d10	3.831	164	688151	4000.000	ng/ml	0.00
23) Phenanthrene-d10	4.669	188	1410915	4000.000	ng/ml	0.00
33) Chrysene-d12	6.253	240	1283861	4000.000	ng/ml	0.00
38) Perylene-d12	7.437	264	1327611	4000.000	ng/ml	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	1.655	112	89137	1021.498	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 51.07%			
4) Phenol-d6	2.039	99	108774	998.731	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 49.94%			
8) Nitrobenzene-d5	2.490	82	93892	889.010	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 88.90%			
14) 2-Fluorobiphenyl	3.454	172	237334	793.927	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 79.39%			
22) 2,4,6-Tribromophenol	4.277	330	28848	960.502	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 48.03%			
32) 4-Terphenyl-d14	5.600	244	272026	777.184	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 77.72%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	0.000		0	N.D.		
5) Bis(2-chloroethyl)ether	2.083	93	109689M6	1091.156	ng/ml	
6) n-nitrosodi-n-propylamine	2.411	70	59692	886.015	ng/ml	100
7) Hexachloroethane	2.461	117	39432	934.129	ng/ml	97
10) Naphthalene	2.874	128	295995	865.707	ng/ml	99
11) Hexachlorobutadiene	2.941	225	48766	810.465	ng/ml	100
12) 2-Methylnaphthalene	3.250	142	190063	795.470	ng/ml	99
13) 1-Methylnaphthalene	3.303	142	192811	876.410	ng/ml	98
15) 2-Chloronaphthalene	3.518	162	203544	824.842	ng/ml	93
16) 2,6-Dinitrotoluene	3.715	165	49561	814.979	ng/ml#	88
17) Acenaphthylene	3.749	152	339215	887.641	ng/ml	100
19) Acenaphthene	3.849	153	206762	900.886	ng/ml	94
20) 2,4-Dinitrotoluene	3.945	165	68656	940.388	ng/ml#	69
21) Fluorene	4.139	166	245306	930.297	ng/ml	96
24) 4,6-Dinitro-o-cresol	4.176	198	32888	718.086	ng/ml	95
25) Hexachlorobenzene	4.458	284	71306	857.391	ng/ml	95
26) Pentachlorophenol	4.571	266	35032	839.229	ng/ml	100
27) Phenanthrene	4.681	178	365326	885.574	ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : ccv0311b.D
Acq On : 11 Mar 2025 09:51 am
Operator : sv119:jjw
Sample : WG2039073-3,32,,ICV 11275 (0309)
Misc : WG2039073,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 11 12:33:22 2025
Quant Method : I:\8270SIM\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:34 2025
Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
28) Anthracene	4.709	178	377353	912.348 ng/ml	99
29) Fluoranthene	5.370	202	439818	852.167 ng/ml	99
30) Pyrene	5.504	202	450985	846.554 ng/ml	100
31) Benzidine	5.454	184	250806	No Calib #	
34) Benzo[a]anthracene	6.244	228	410502	901.889 ng/ml	100
35) 3,3'-Dichlorobenzidine	6.233	252	172542	1067.563 ng/ml	99
36) Chrysene	6.268	228	379661	858.873 ng/ml	100
37) Bis(2-ethylhexyl)phtha...	6.271	149	247731	1080.282 ng/ml	97
39) Benzo[b]fluoranthene	7.070	252	399540	908.058 ng/ml	98
40) Benzo[k]fluoranthene	7.095	252	389064	896.680 ng/ml	99
41) Benzo[a]pyrene	7.373	252	369301	989.164 ng/ml	99
42) Indeno[1,2,3-cd]pyrene	8.624	276	372791	1031.391 ng/ml	98
43) Dibenzo[a,h]anthracene	8.657	278	350248M6	1044.564 ng/ml	
44) Benzo[g,h,i]perylene	8.959	276	358068	1040.847 ng/ml	98

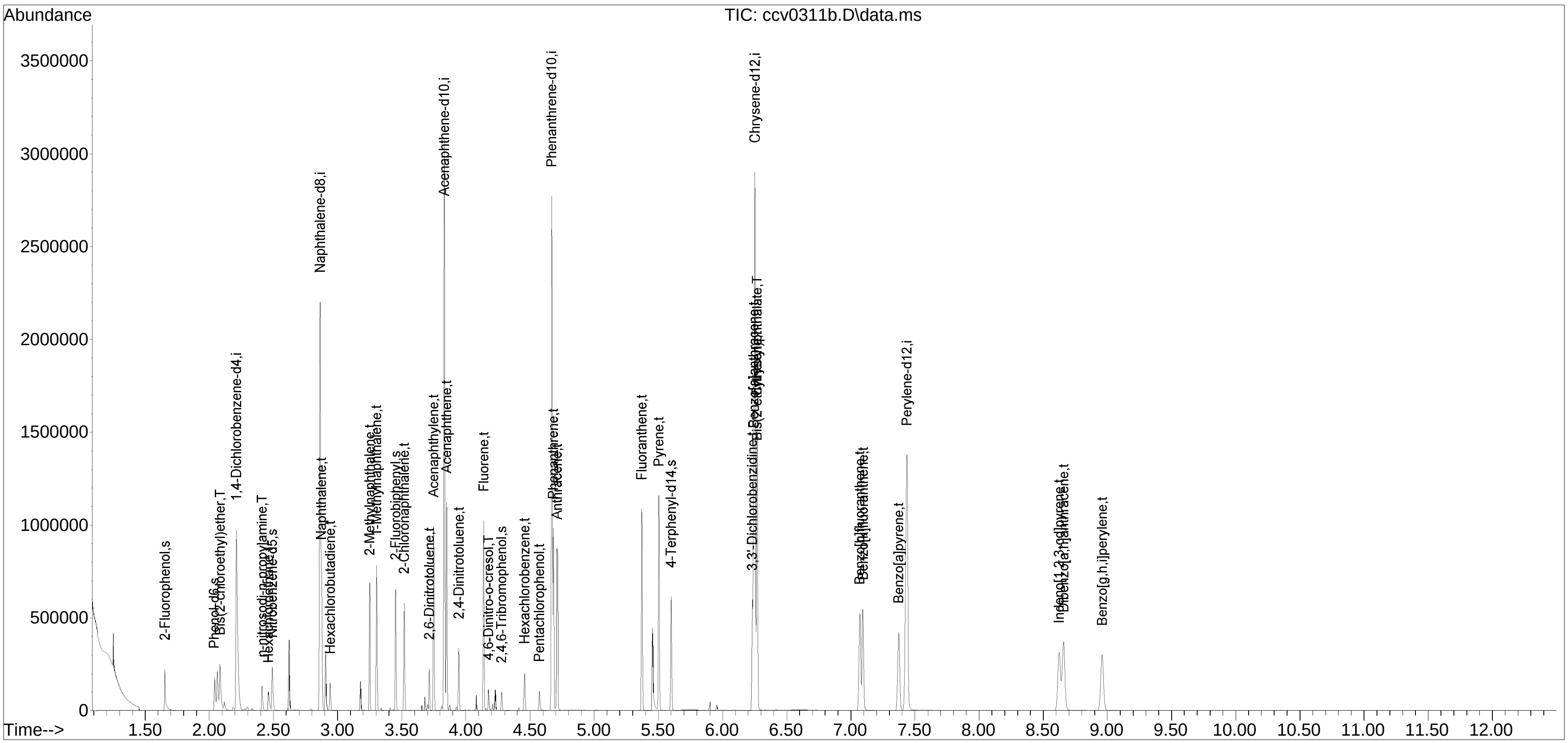
(#) = qualifier out of range (m) = manual integration (+) = signals summed

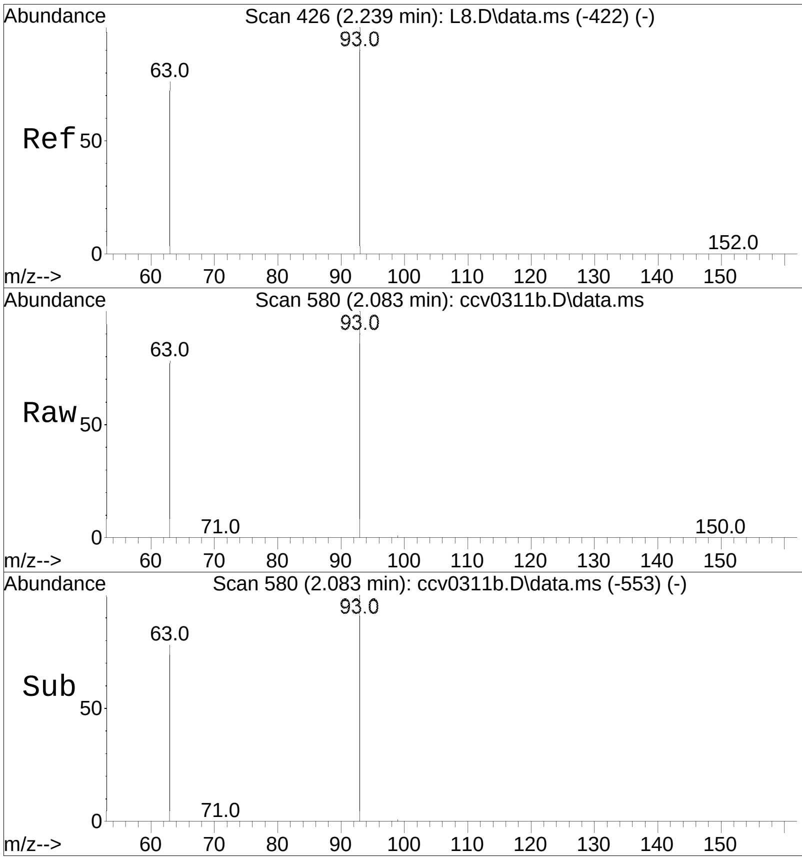
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : ccv0311b.D
Acq On : 11 Mar 2025 09:51 am
Operator : sv119:jjw
Sample : WG2039073-3,32,,ICV 11275 (0309)
Misc : WG2039073,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 11 12:33:22 2025
Quant Method : I:\8270SIM\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:34 2025
Response via : Initial Calibration

Sub List : Default - All compounds listed

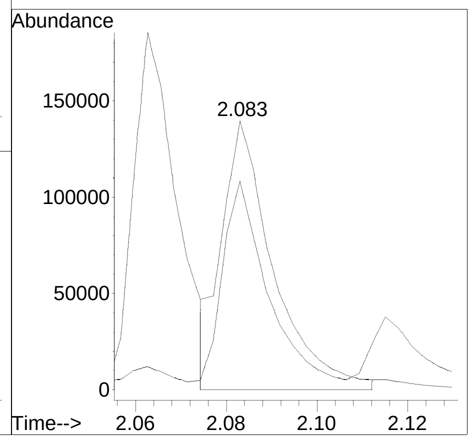


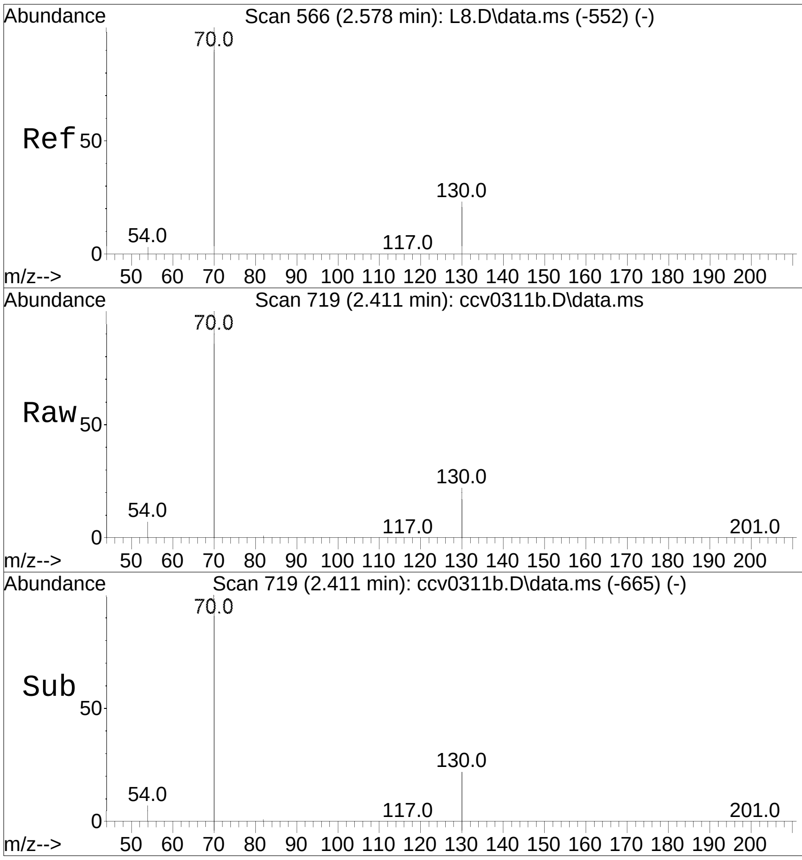


#5
Bis(2-chloroethyl)ether
Concen: 1091.16 ng/ml M6
RT: 2.083 min Scan# 580
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion: 93 Resp: 109689

Ion	Ratio	Lower	Upper
93	100		
63	70.1	61.7	92.5

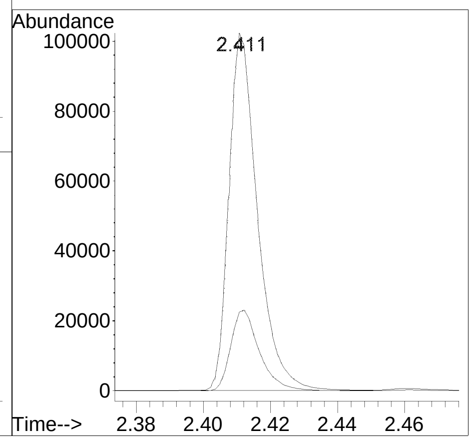


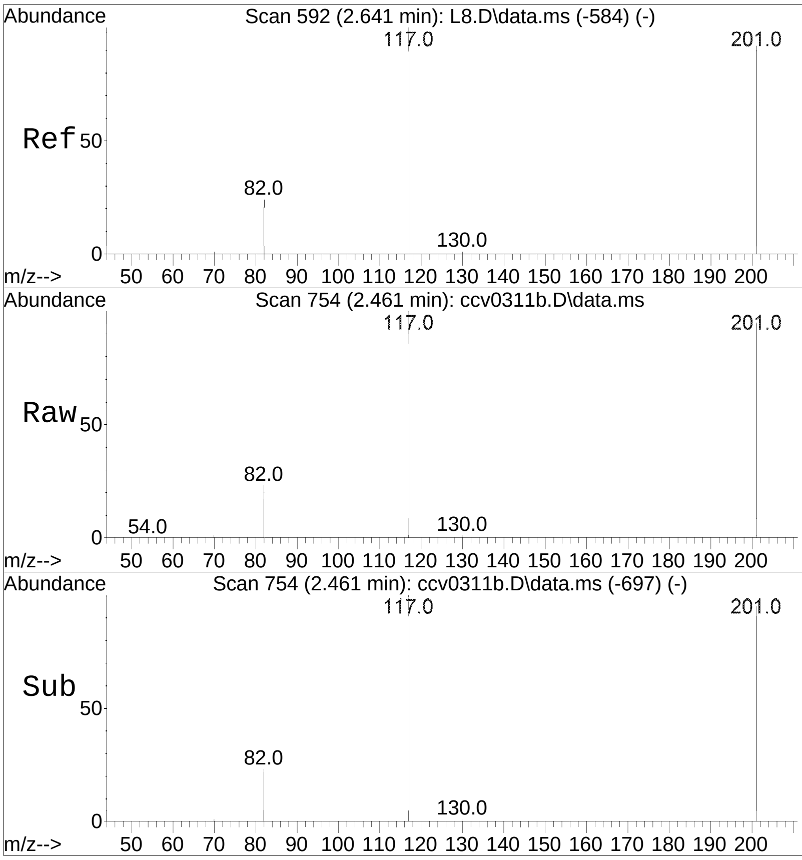


#6
n-nitrosodi-n-propylamine
Concen: 886.01 ng/ml
RT: 2.411 min Scan# 719
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion: 70 Resp: 59692

Ion	Ratio	Lower	Upper
70	100		
130	22.7	18.1	27.1

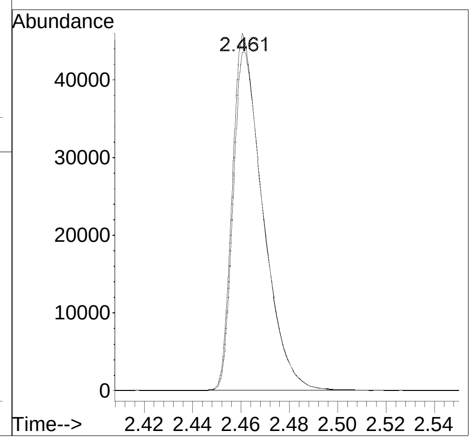


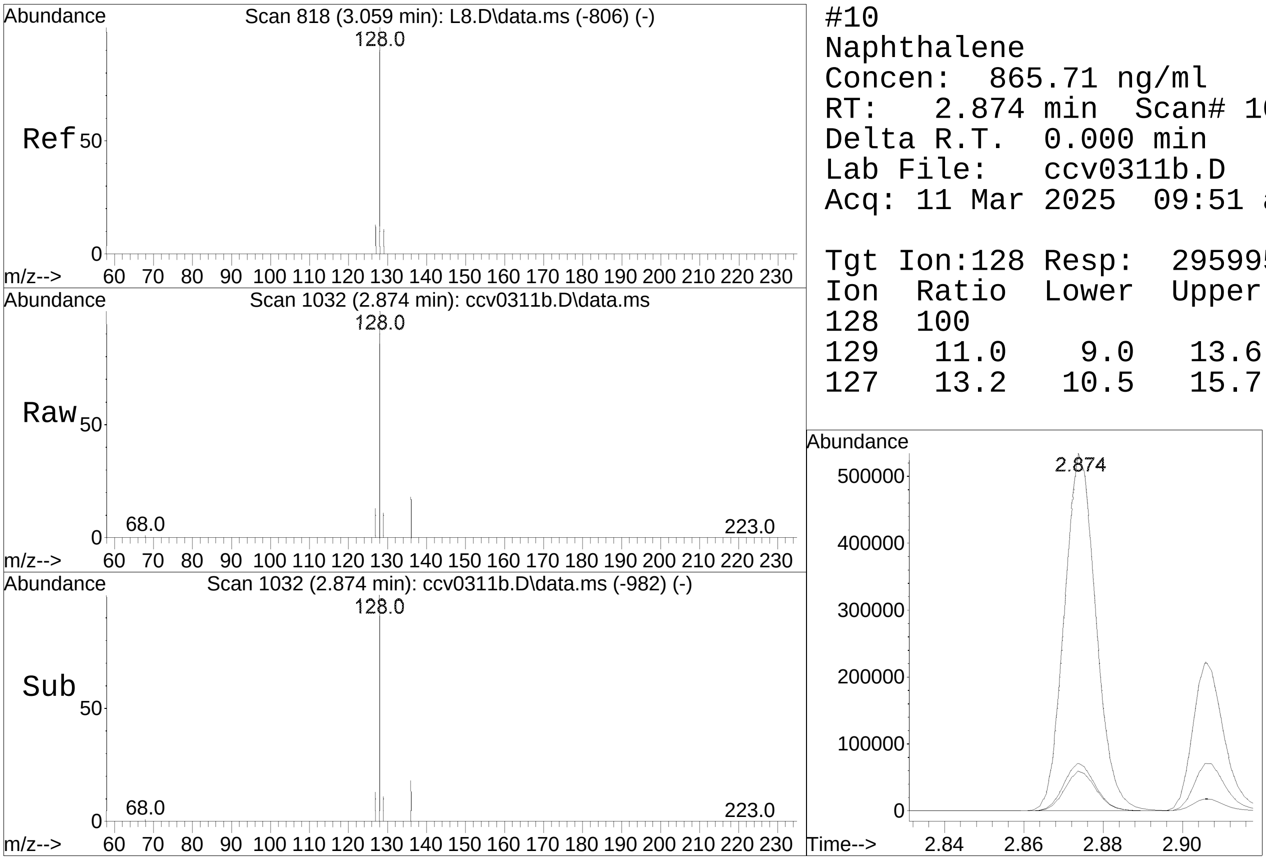


#7
Hexachloroethane
Concen: 934.13 ng/ml
RT: 2.461 min Scan# 754
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:117 Resp: 39432

Ion	Ratio	Lower	Upper
117	100		
201	95.9	79.3	118.9

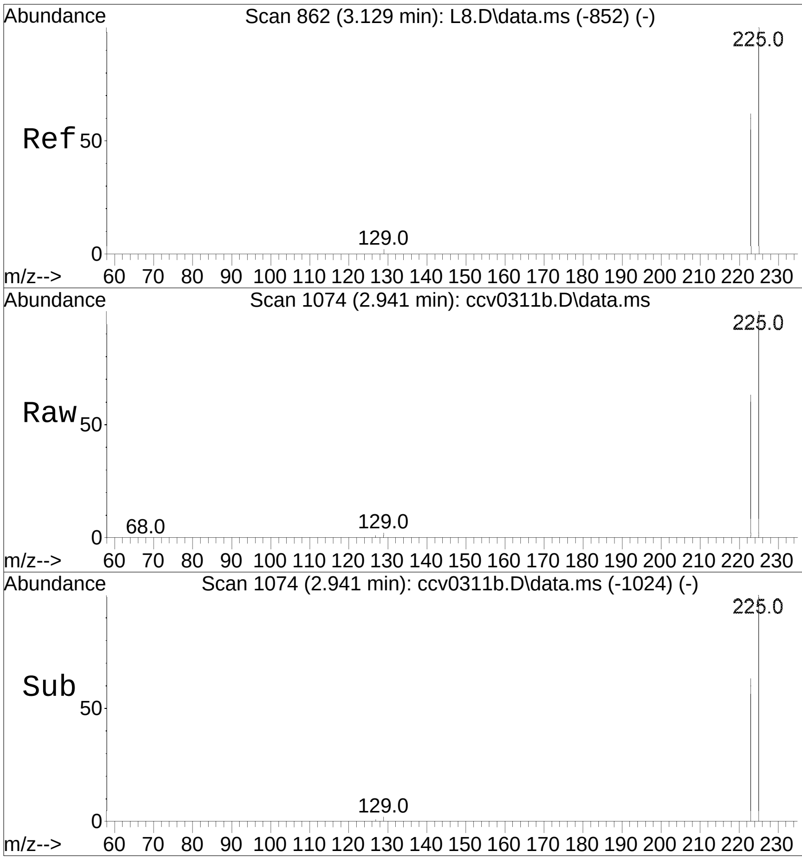




#10
Naphthalene
Concen: 865.71 ng/ml
RT: 2.874 min Scan# 1032
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:128 Resp: 295995

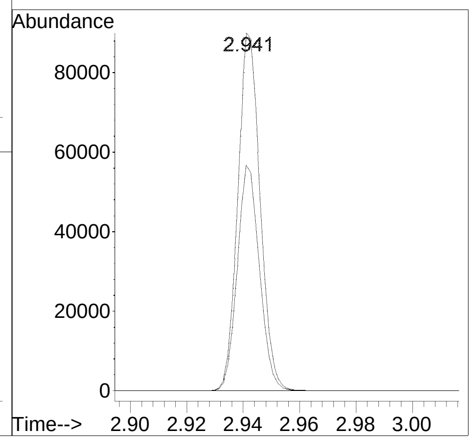
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.2	10.5	15.7

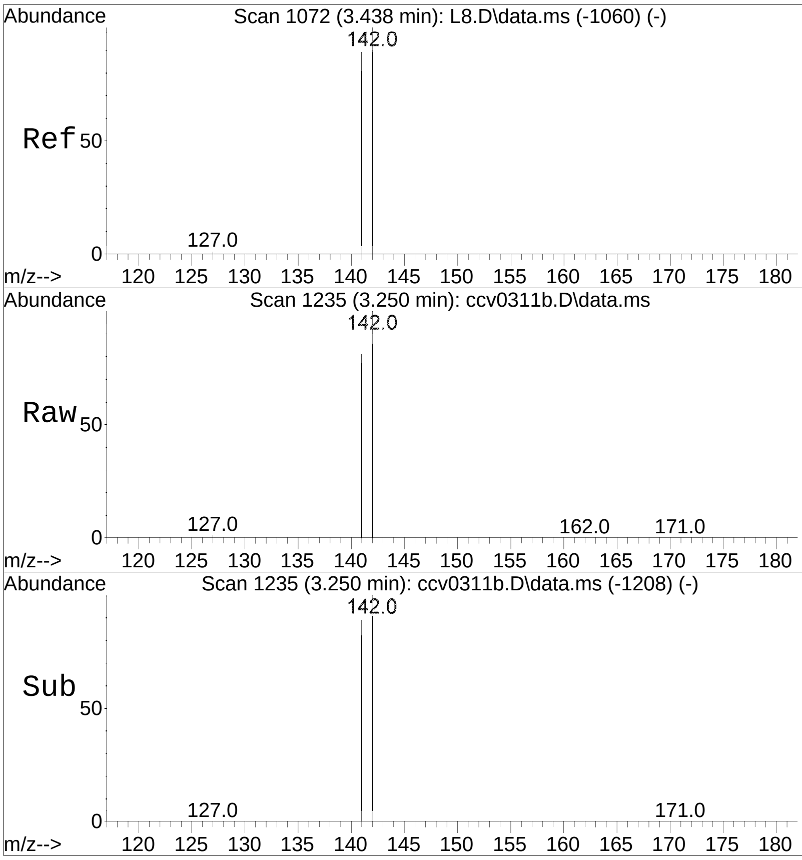


#11
Hexachlorobutadiene
Concen: 810.46 ng/ml
RT: 2.941 min Scan# 1074
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:225 Resp: 48766

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6

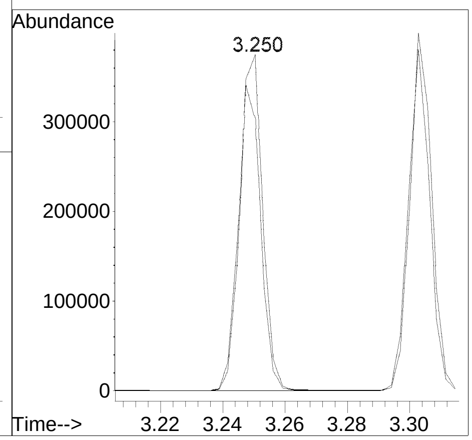


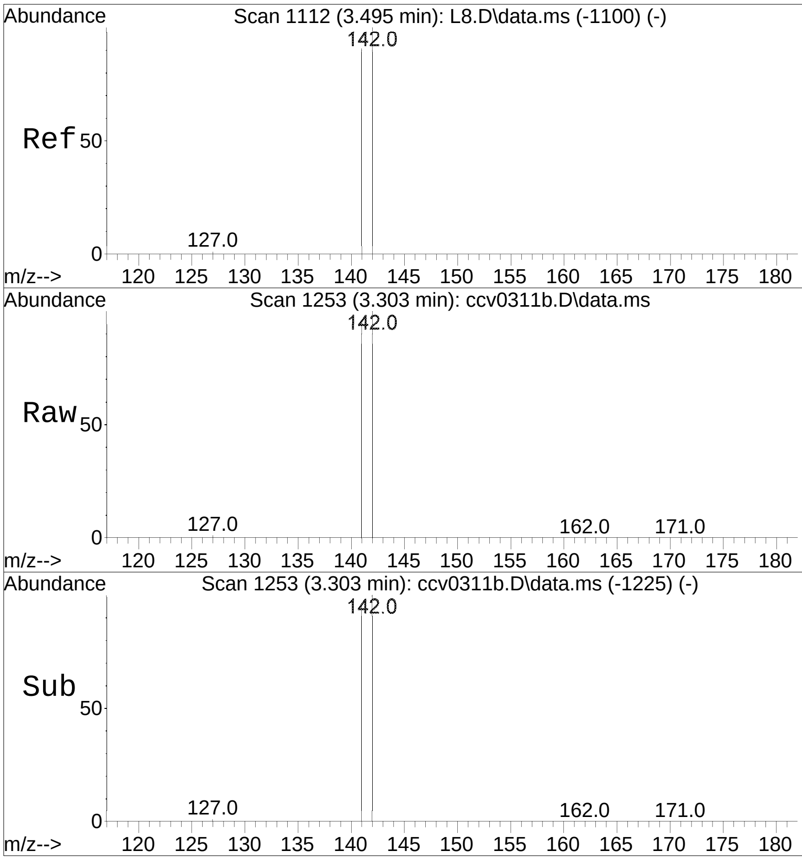


#12
2-Methylnaphthalene
Concen: 795.47 ng/ml
RT: 3.250 min Scan# 1235
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:142 Resp: 190063

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9

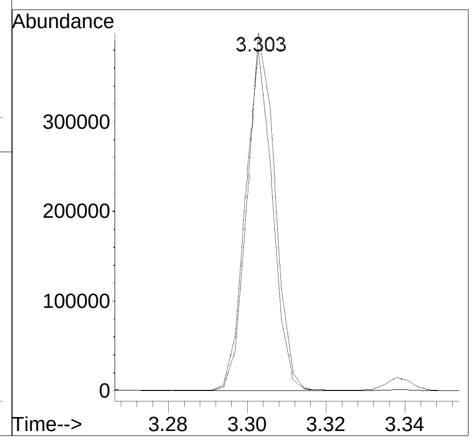


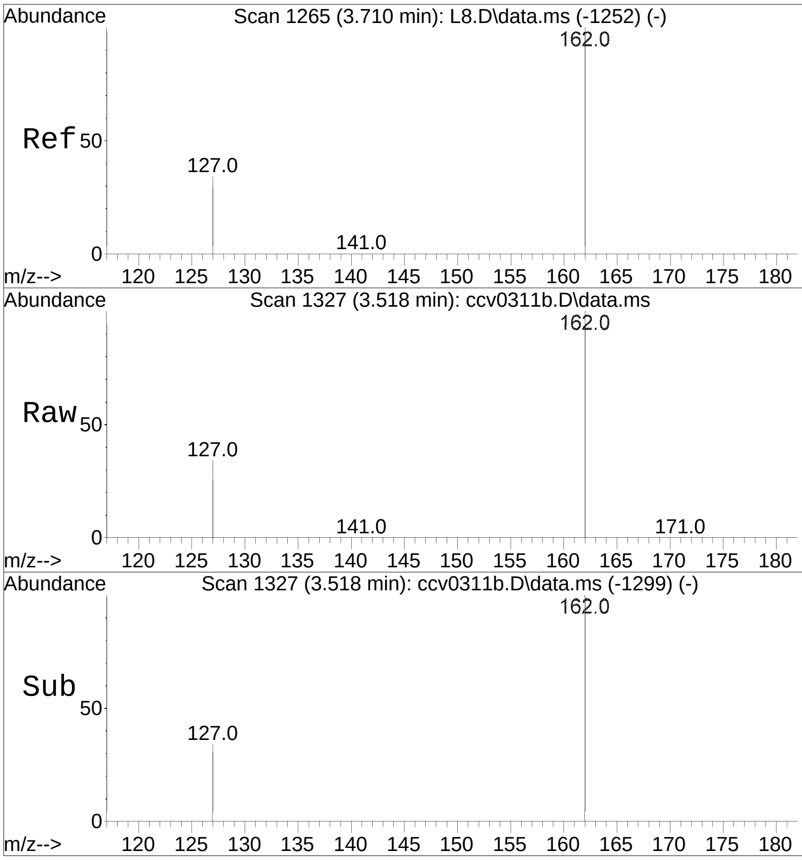


#13
1-Methylnaphthalene
Concen: 876.41 ng/ml
RT: 3.303 min Scan# 1253
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:142 Resp: 192811

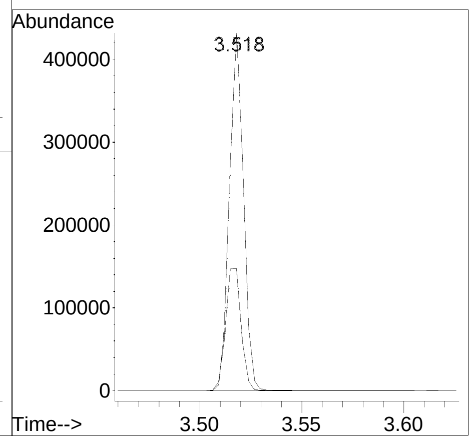
Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.8	110.6





#15
2-Chloronaphthalene
Concen: 824.84 ng/ml
RT: 3.518 min Scan# 1327
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

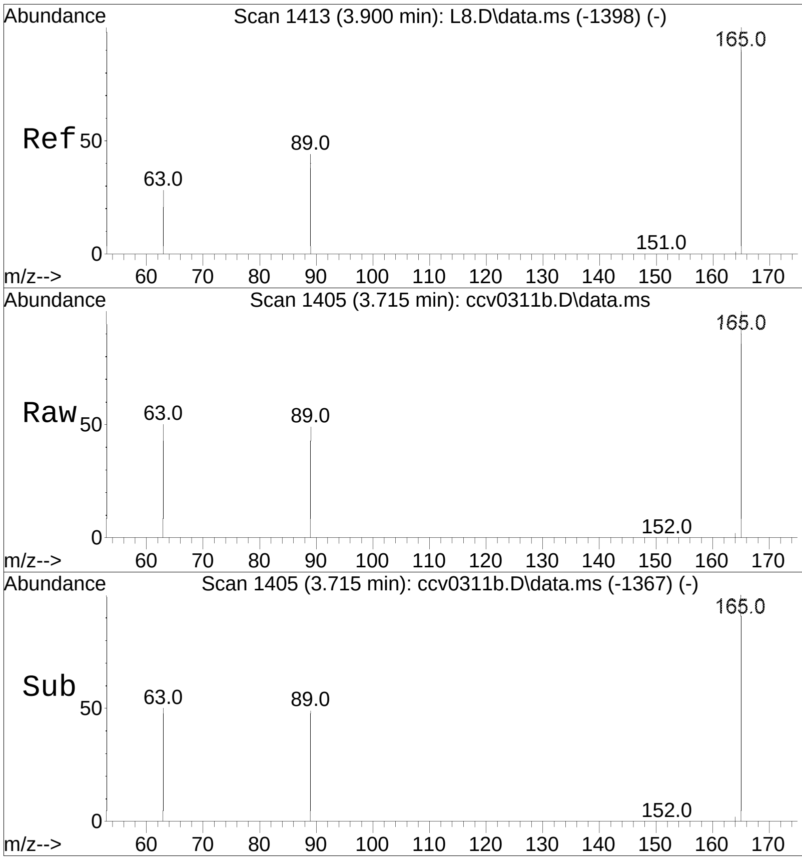
Tgt Ion:162	Resp:	203544	
Ion	Ratio	Lower	Upper
162	100		
127	38.0	27.4	41.0

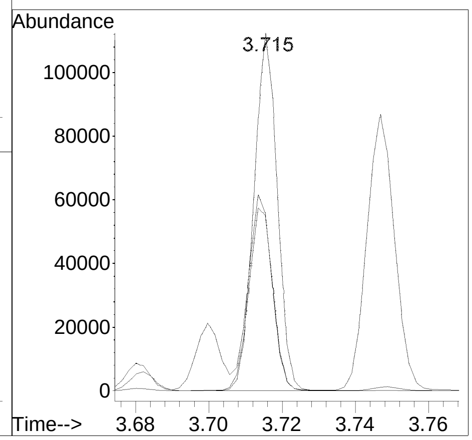


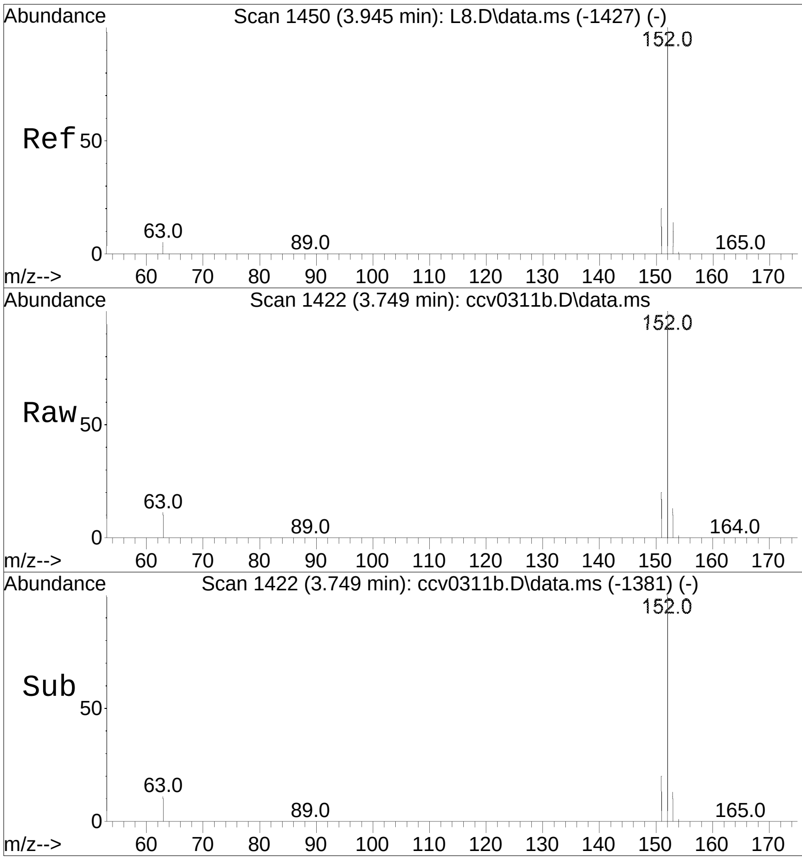
#16
2,6-Dinitrotoluene
Concen: 814.98 ng/ml
RT: 3.715 min Scan# 1405
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:165 Resp: 49561

Ion	Ratio	Lower	Upper
165	100		
89	53.4	37.8	56.8
63	56.0	36.9	55.3#



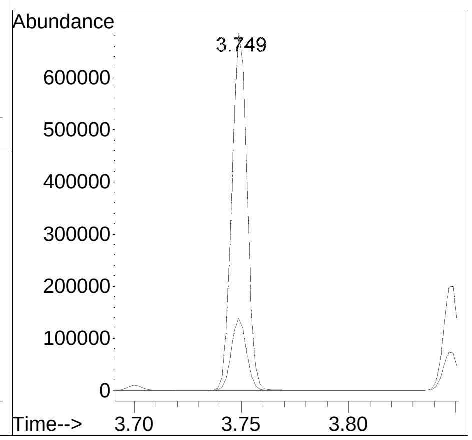


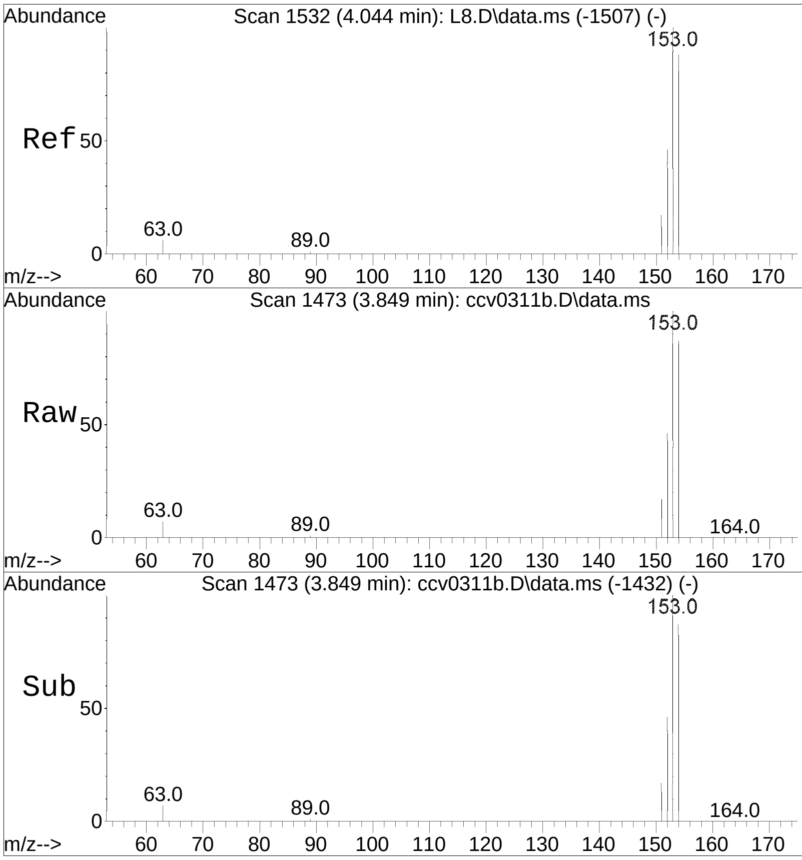


#17
Acenaphthylene
Concen: 887.64 ng/ml
RT: 3.749 min Scan# 1422
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:152 Resp: 339215

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9

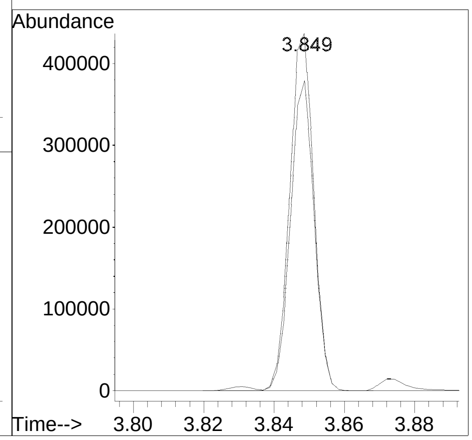


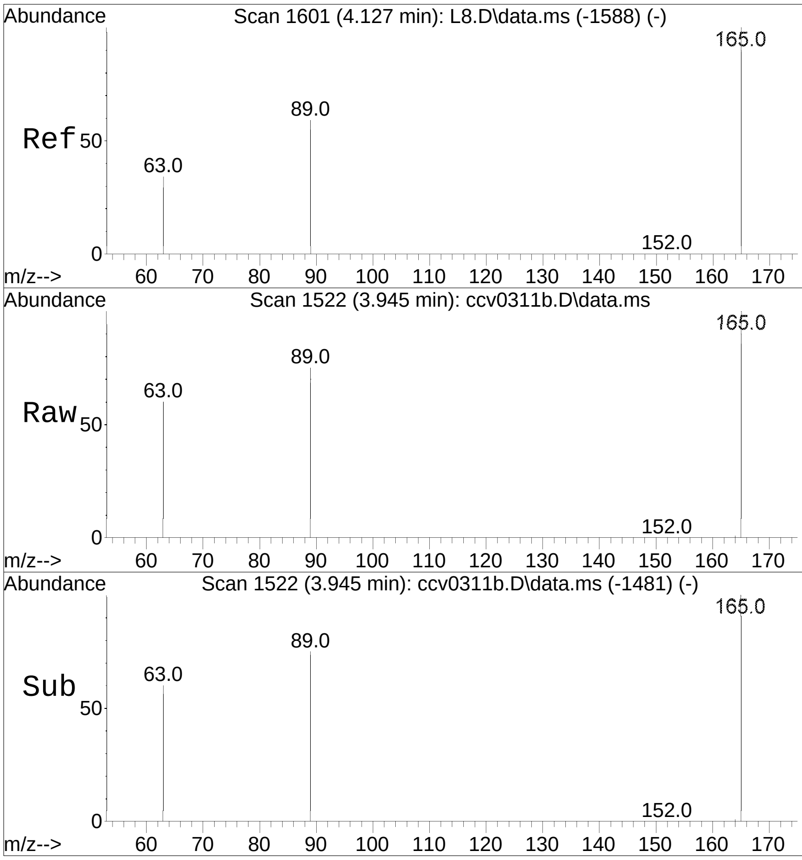


#19
Acenaphthene
Concen: 900.89 ng/ml
RT: 3.849 min Scan# 1473
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:153 Resp: 206762

Ion	Ratio	Lower	Upper
153	100		
154	85.6	73.1	109.7

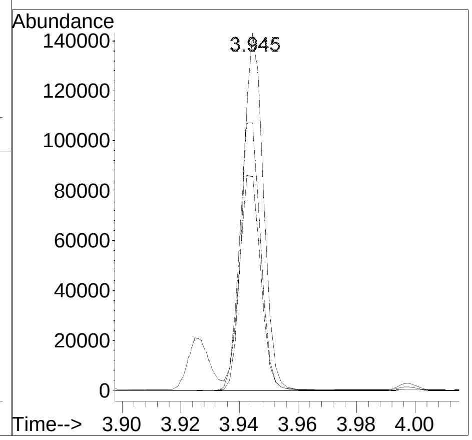


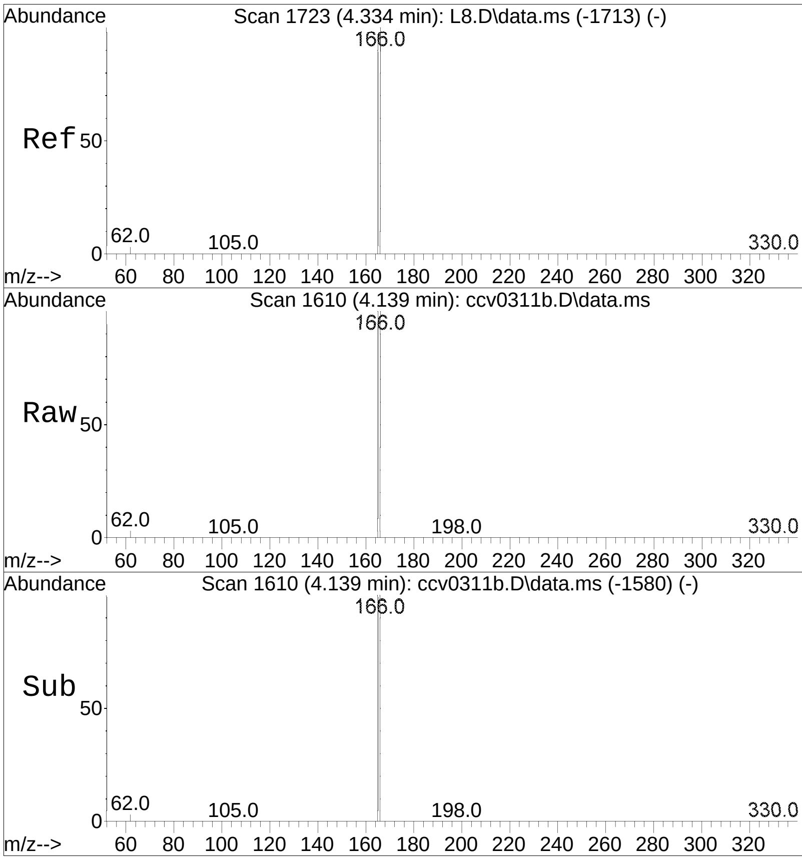


#20
2,4-Dinitrotoluene
Concen: 940.39 ng/ml
RT: 3.945 min Scan# 1522
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:165 Resp: 68656

Ion	Ratio	Lower	Upper
165	100		
89	77.6	48.7	73.1#
63	63.3	28.6	42.8#

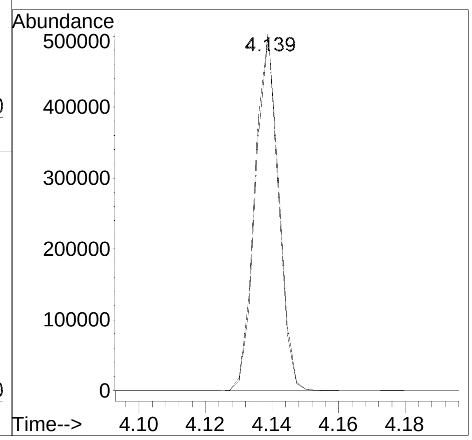


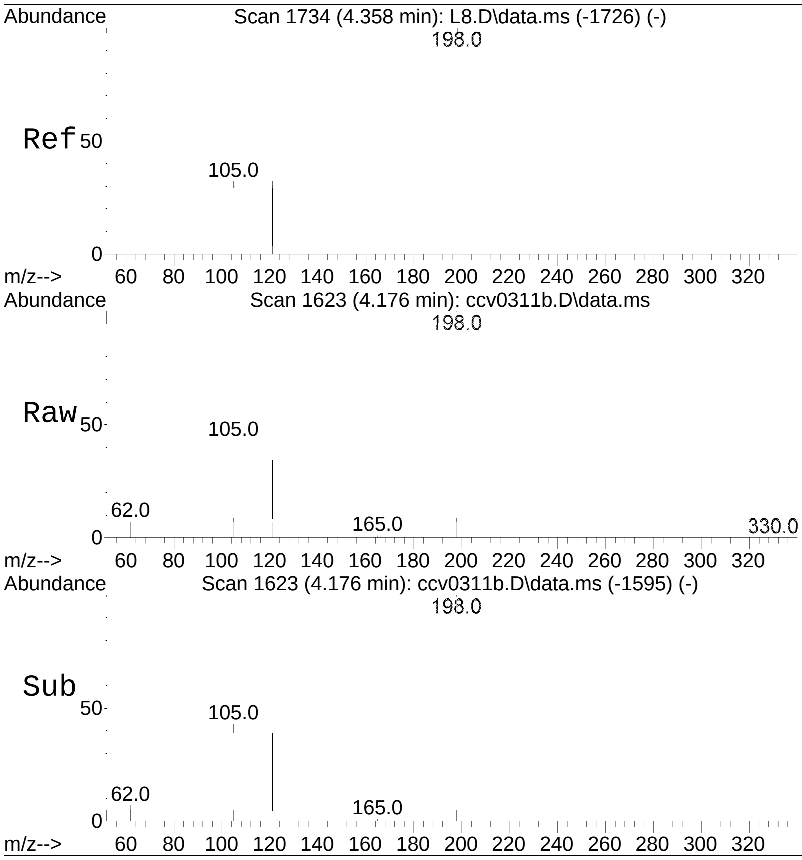


#21
Fluorene
Concen: 930.30 ng/ml
RT: 4.139 min Scan# 1610
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:166 Resp: 245306

Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.8	116.8

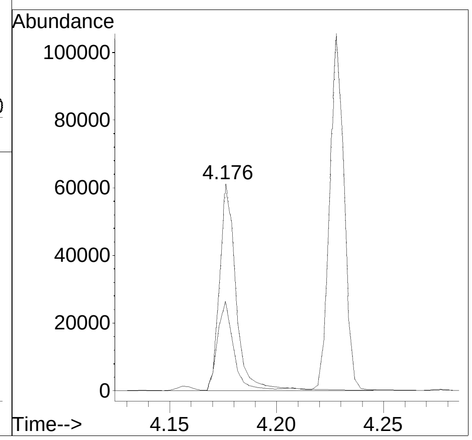


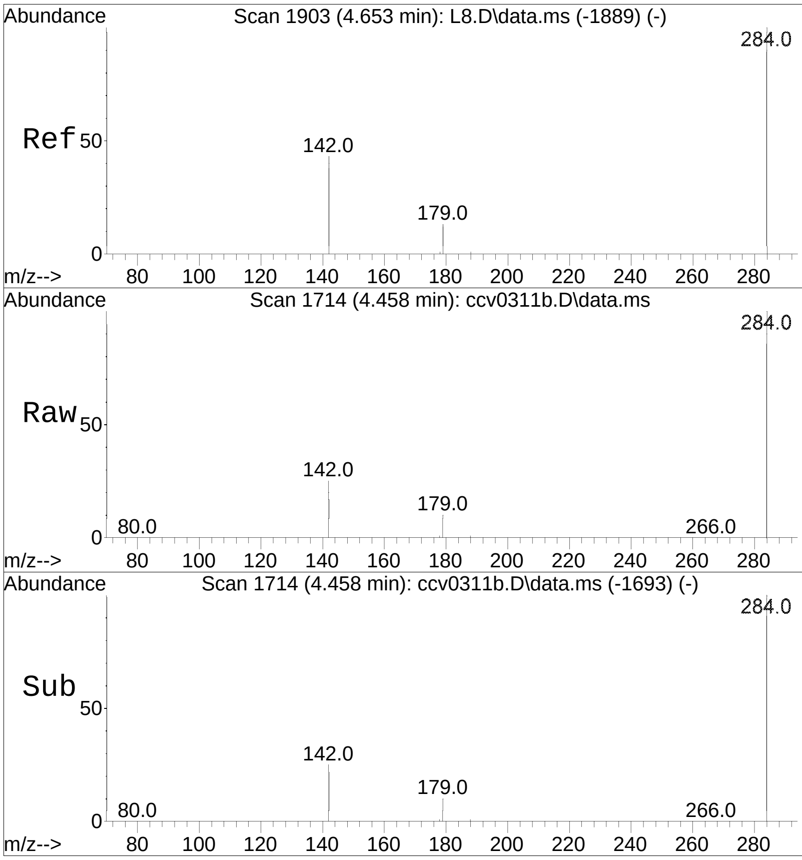


#24
4,6-Dinitro-o-cresol
Concen: 718.09 ng/ml
RT: 4.176 min Scan# 1623
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:198 Resp: 32888

Ion	Ratio	Lower	Upper
198	100		
105	41.1	30.6	45.8

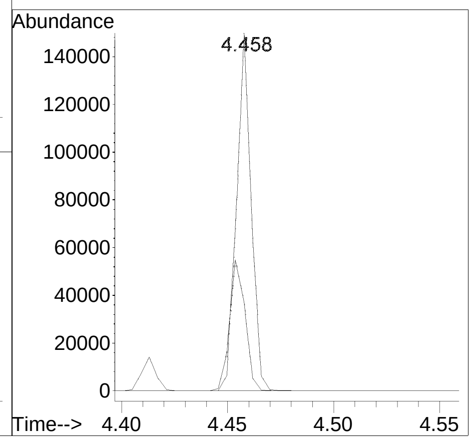


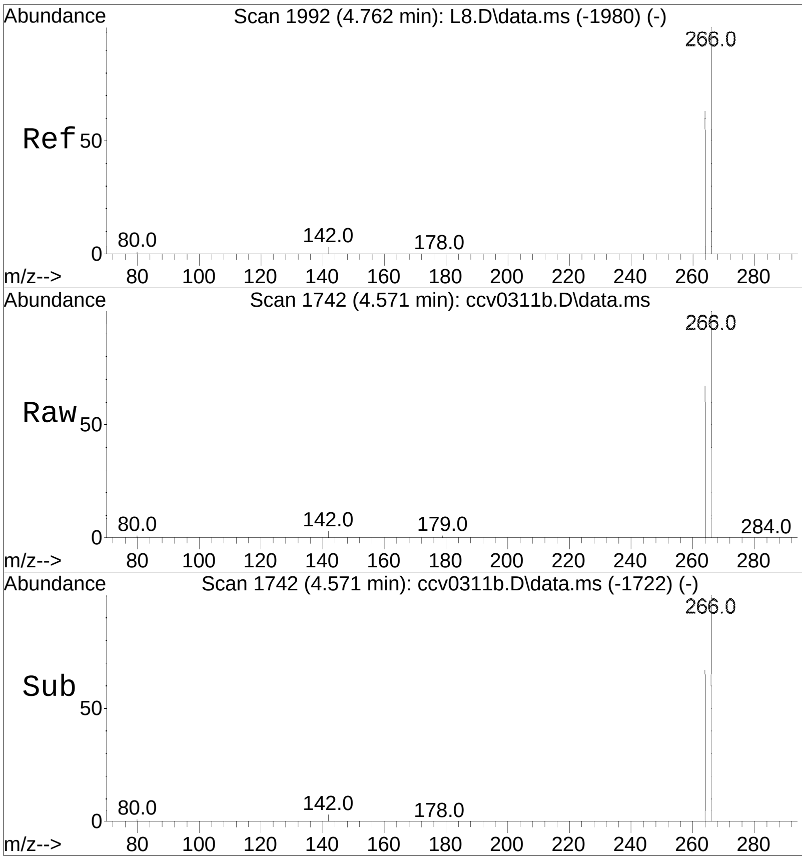


#25
Hexachlorobenzene
Concen: 857.39 ng/ml
RT: 4.458 min Scan# 1714
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:284 Resp: 71306

Ion	Ratio	Lower	Upper
284	100		
142	39.1	33.8	50.6

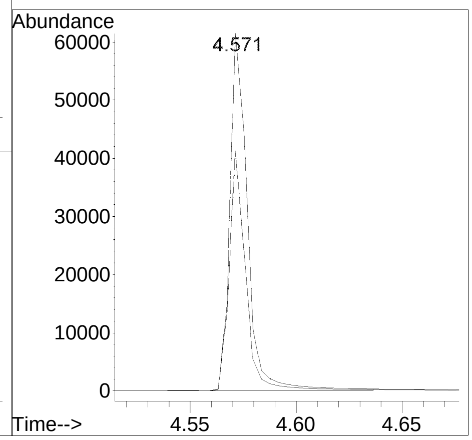


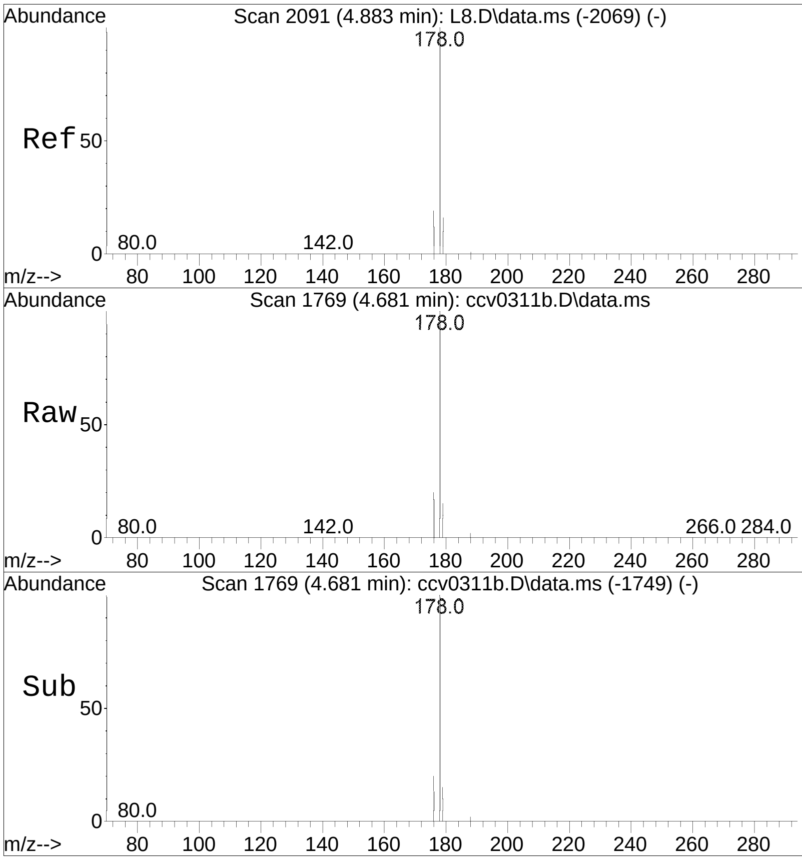


#26
Pentachlorophenol
Concen: 839.23 ng/ml
RT: 4.571 min Scan# 1742
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:266 Resp: 35032

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.8	76.2

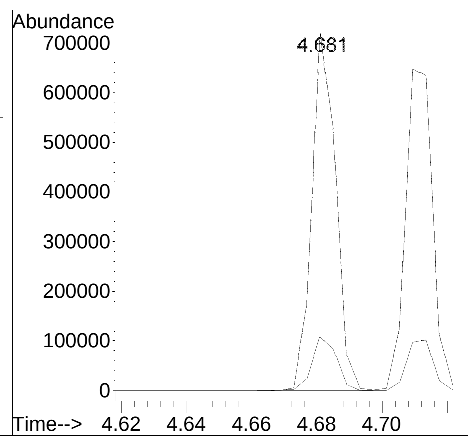


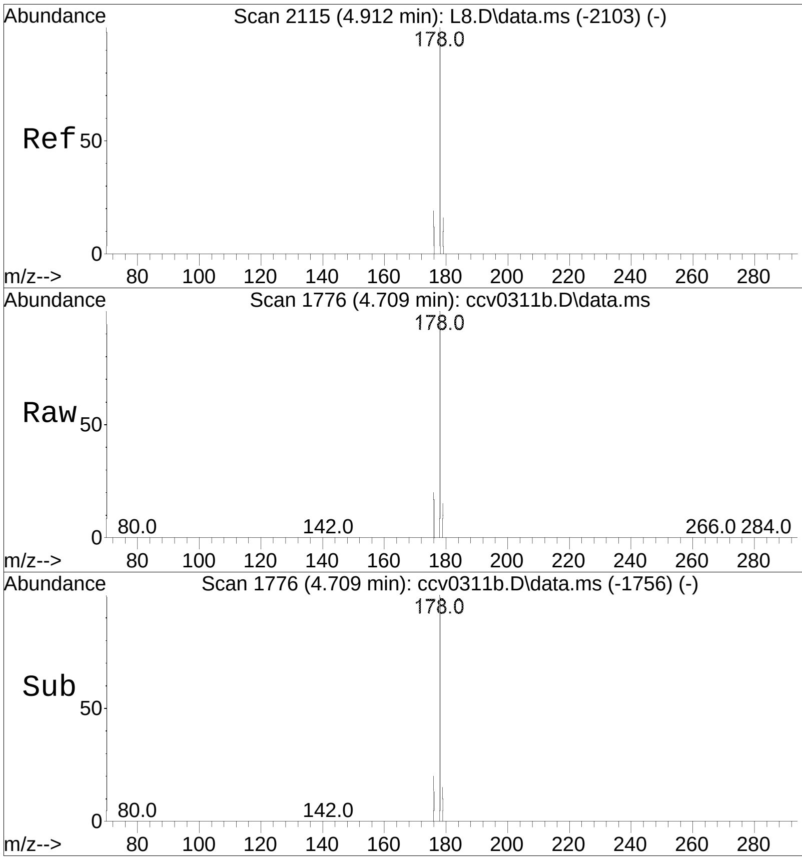


#27
Phenanthrene
Concen: 885.57 ng/ml
RT: 4.681 min Scan# 1769
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:178 Resp: 365326

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2

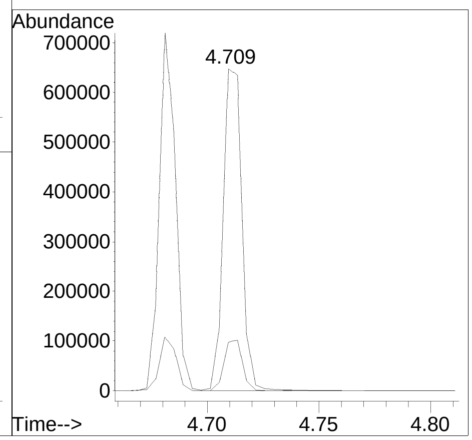


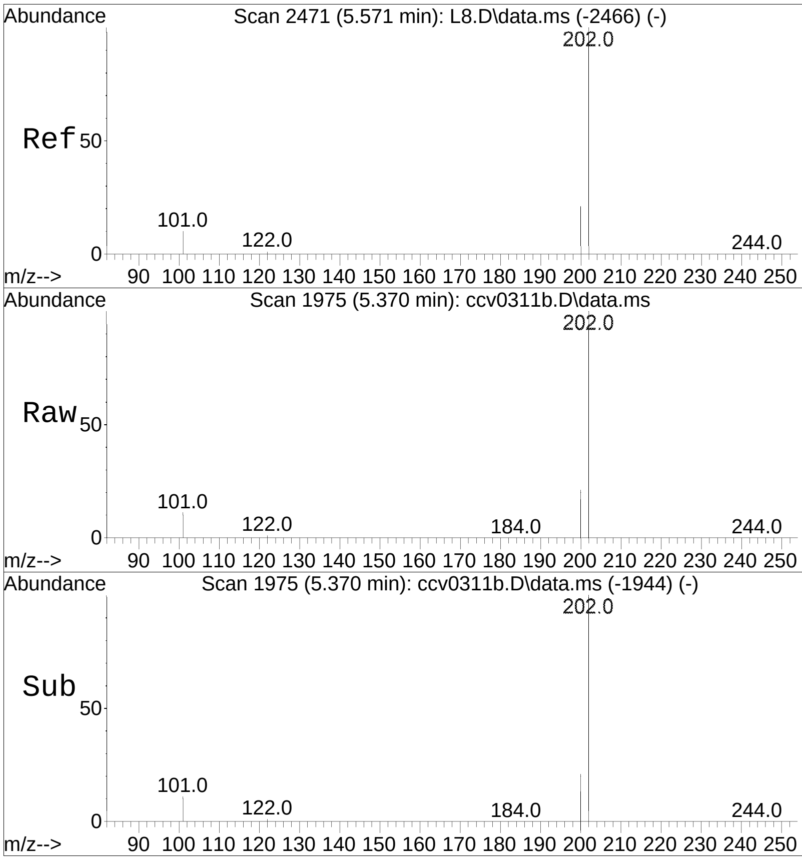


#28
Anthracene
Concen: 912.35 ng/ml
RT: 4.709 min Scan# 1776
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:178 Resp: 377353

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8

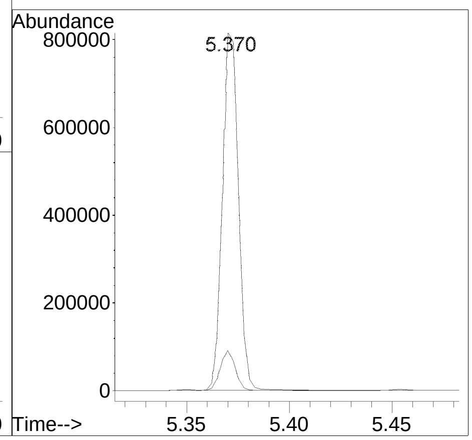


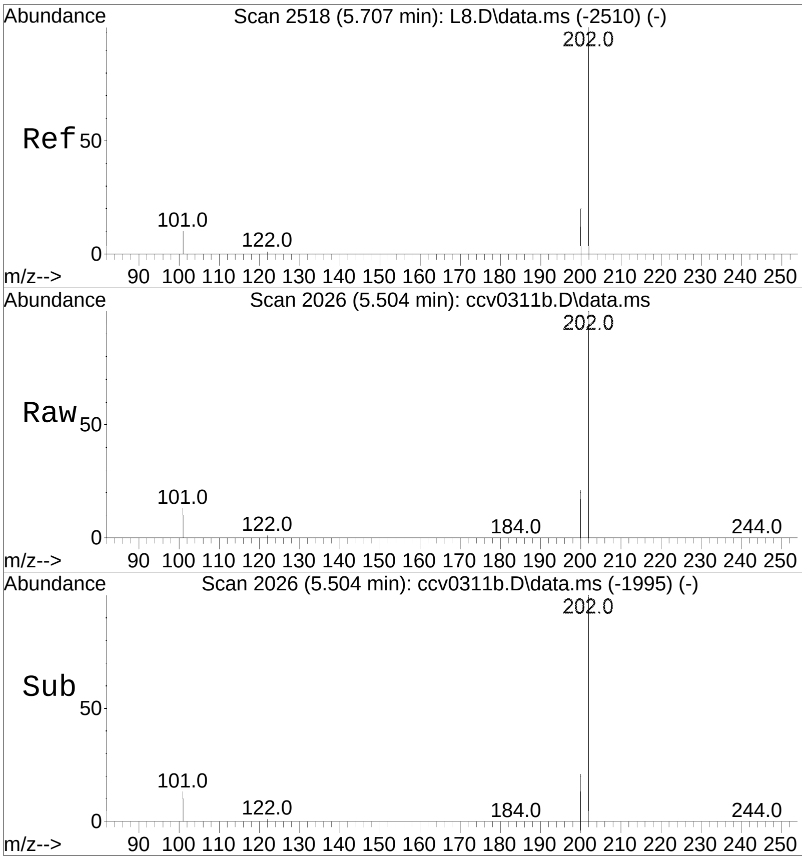


#29
Fluoranthene
Concen: 852.17 ng/ml
RT: 5.370 min Scan# 1975
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:202 Resp: 439818

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.2	12.2

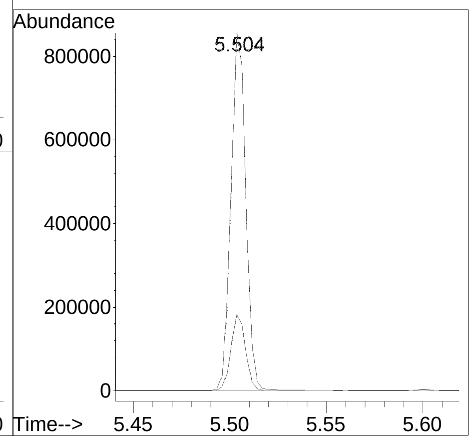


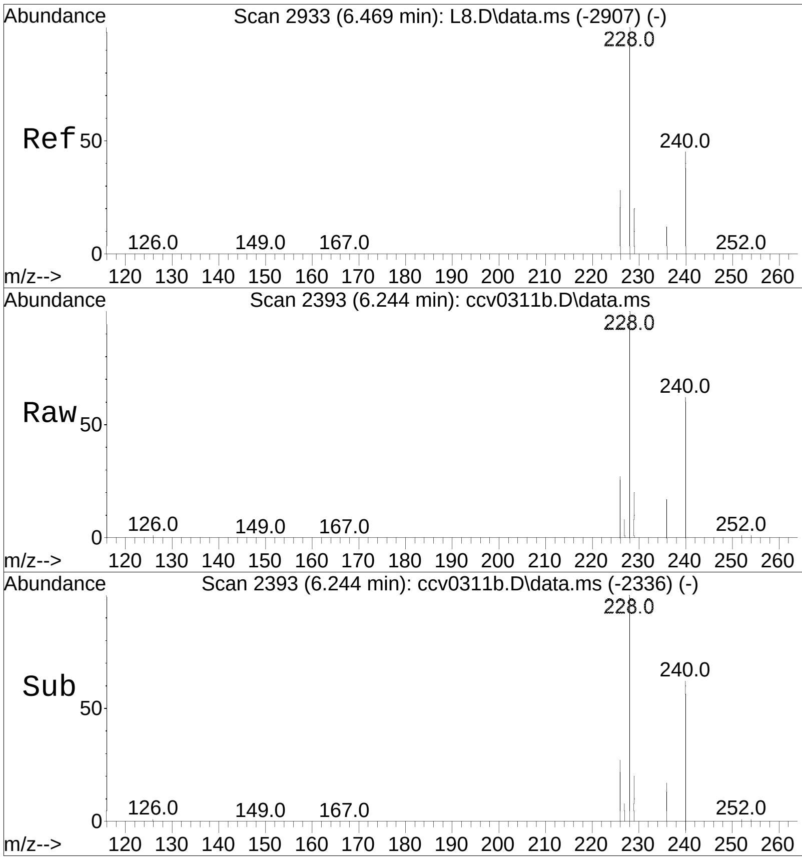


#30
Pyrene
Concen: 846.55 ng/ml
RT: 5.504 min Scan# 2026
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:202 Resp: 450985

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3

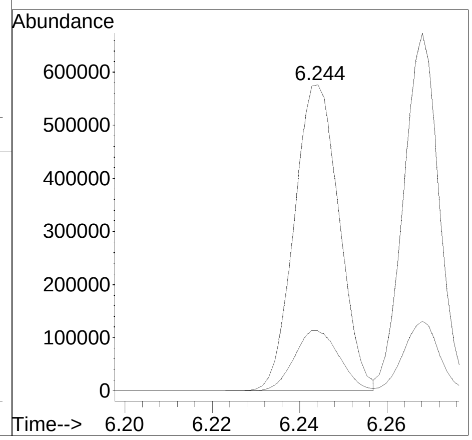


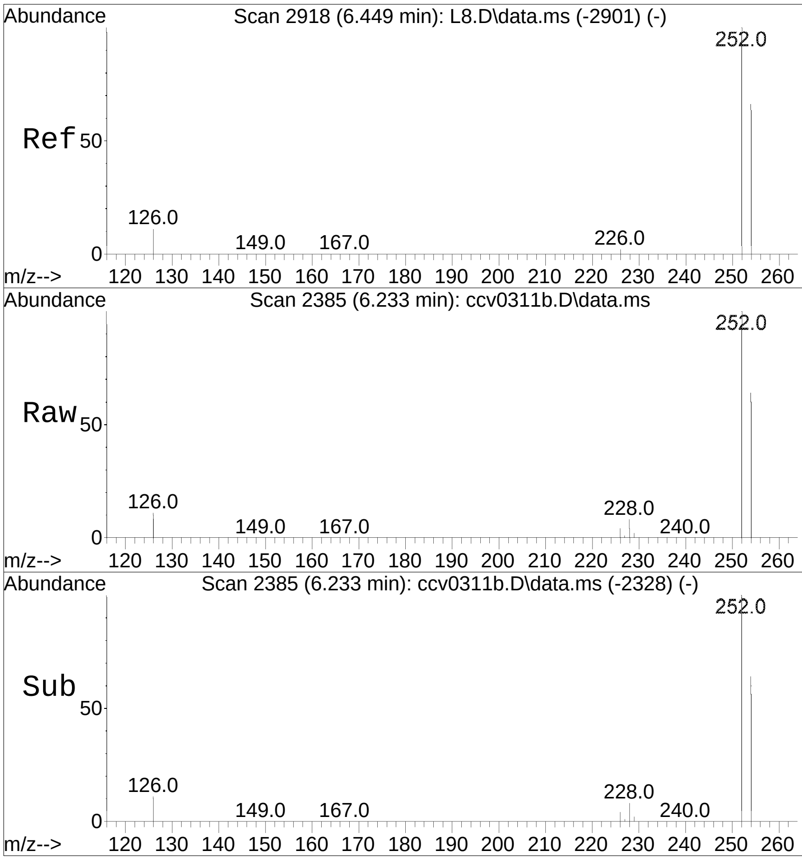


#34
Benzo[a]anthracene
Concen: 901.89 ng/ml
RT: 6.244 min Scan# 2393
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:228 Resp: 410502

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9

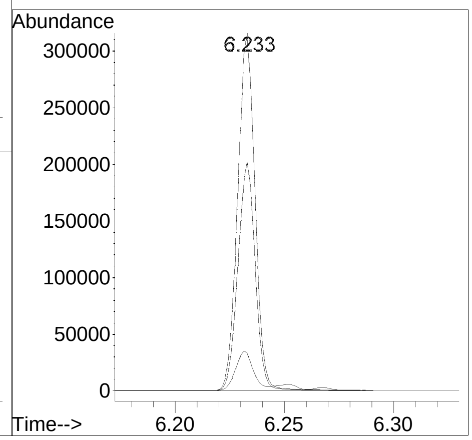


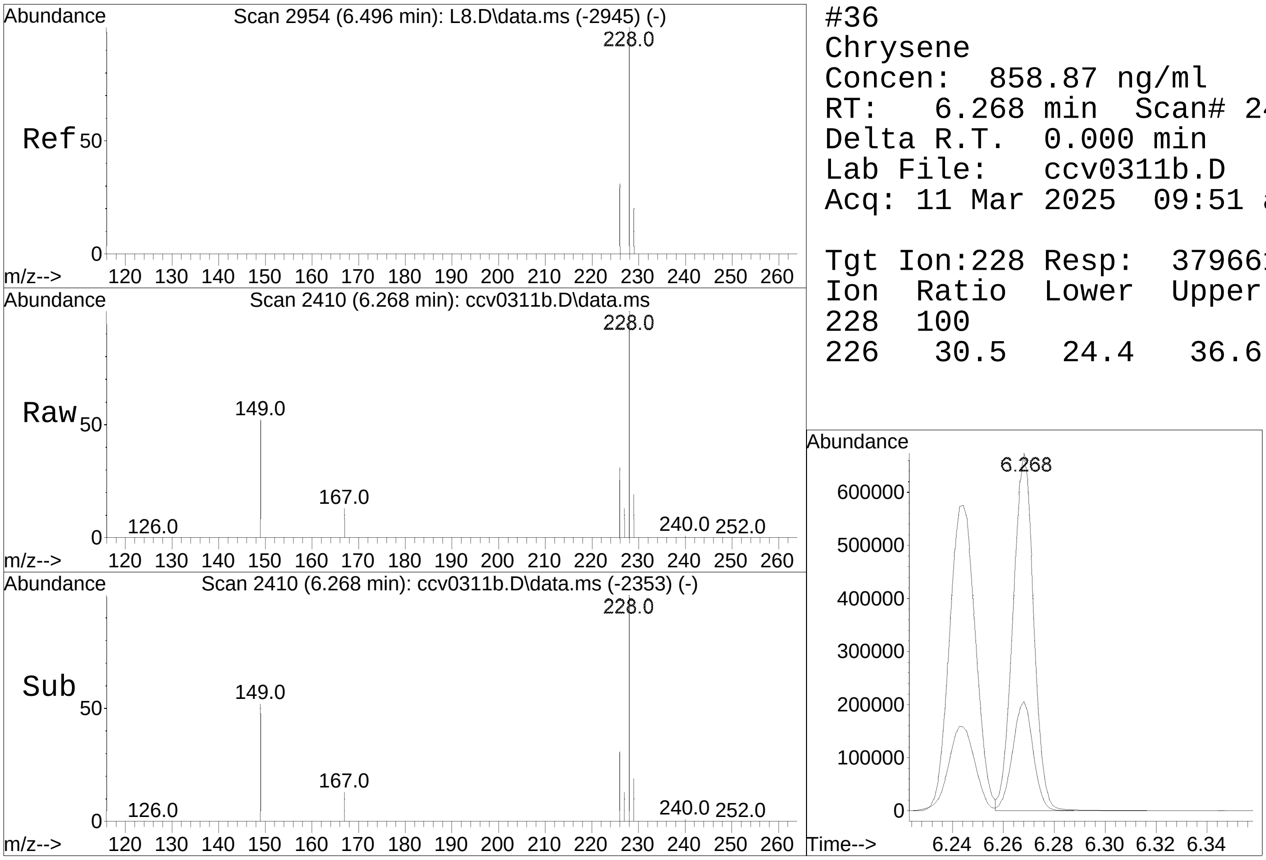


#35
3,3'-Dichlorobenzidine
Concen: 1067.56 ng/ml
RT: 6.233 min Scan# 2385
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:252 Resp: 172542

Ion	Ratio	Lower	Upper
252	100		
126	11.4	8.6	13.0
254	64.0	51.8	77.8

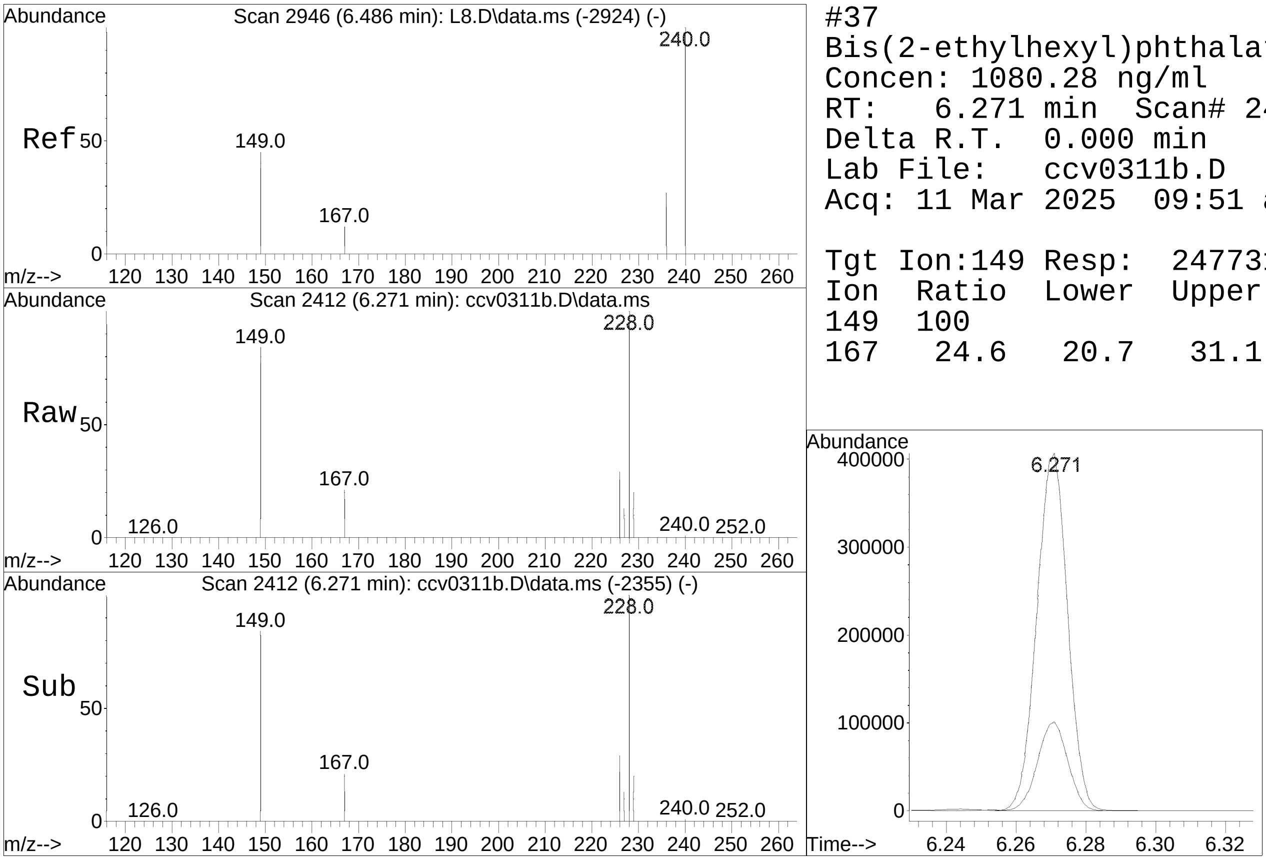




#36
Chrysene
Concen: 858.87 ng/ml
RT: 6.268 min Scan# 2410
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:228 Resp: 379661

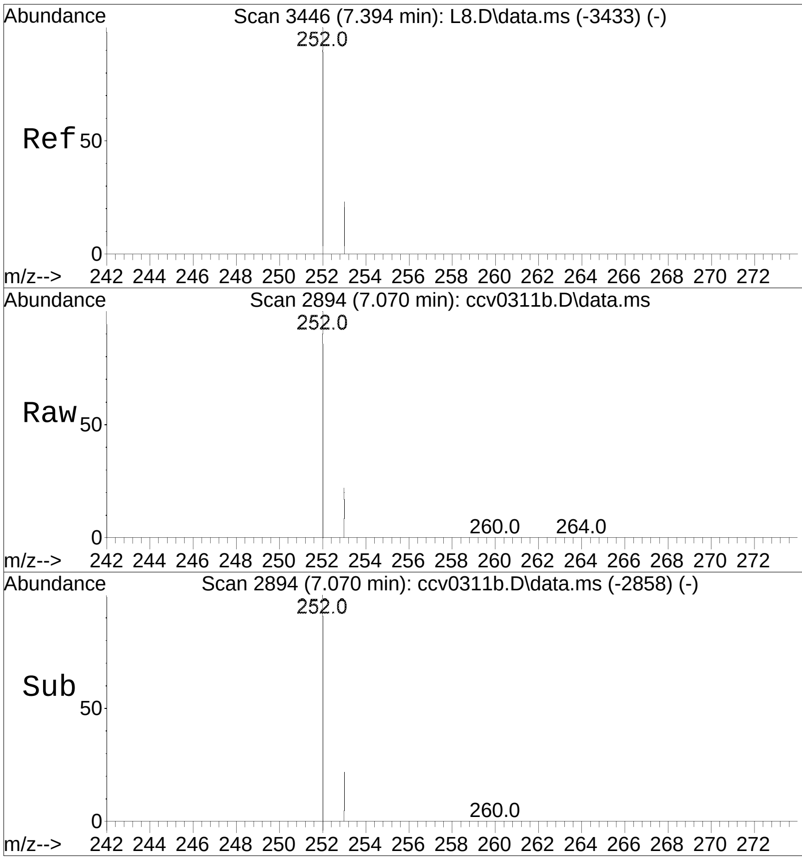
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6



#37
Bis(2-ethylhexyl)phthalate
Concen: 1080.28 ng/ml
RT: 6.271 min Scan# 2412
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:149 Resp: 247731

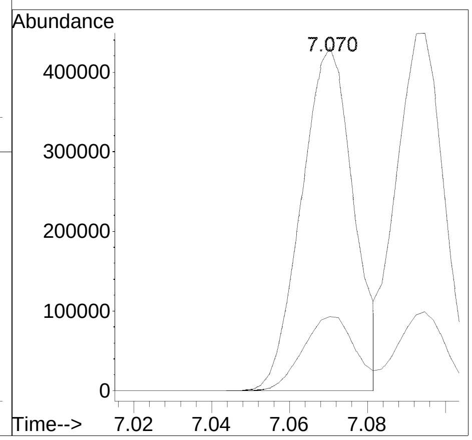
Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.7	31.1

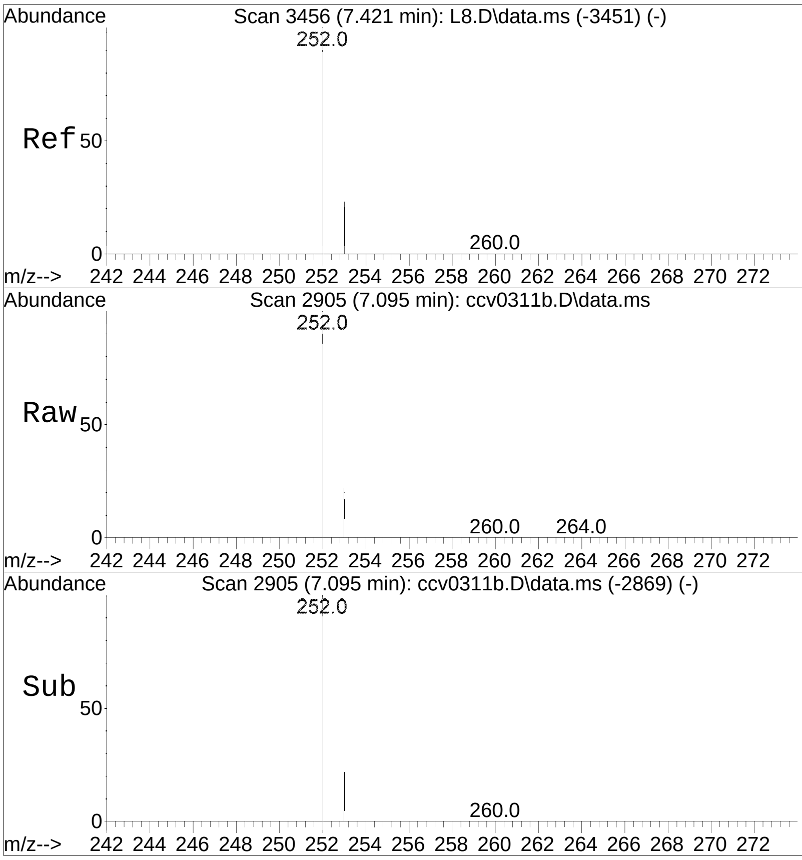


#39
Benzo[b]fluoranthene
Concen: 908.06 ng/ml
RT: 7.070 min Scan# 2894
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:252 Resp: 399540

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1

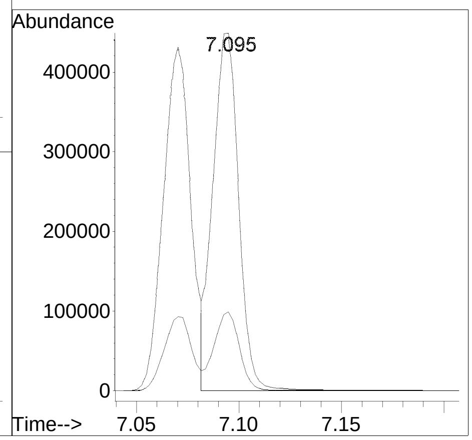


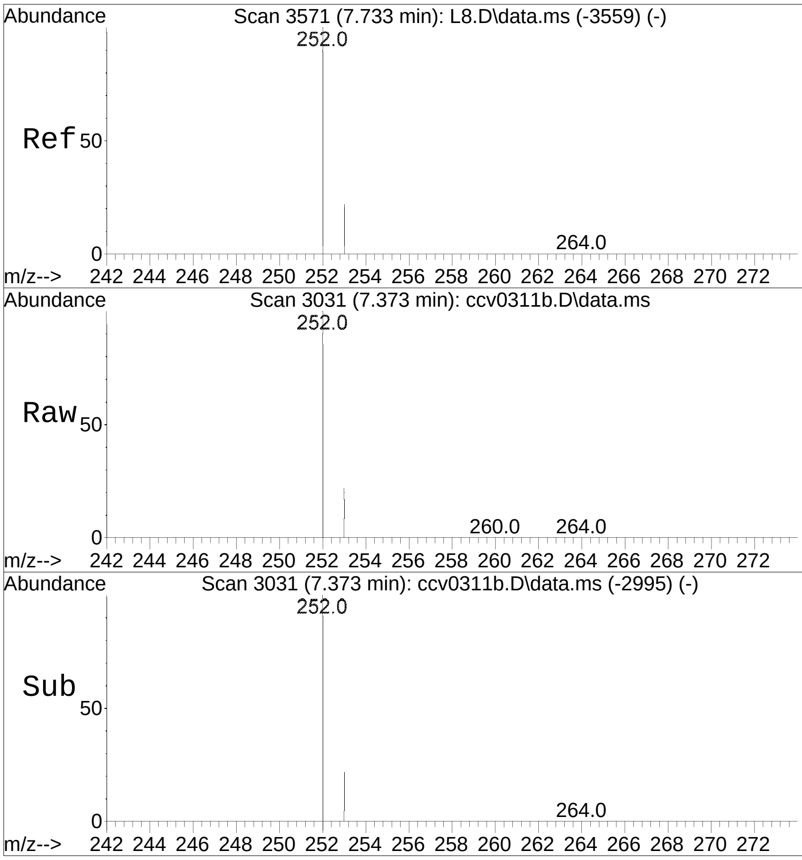


#40
Benzo[k]fluoranthene
Concen: 896.68 ng/ml
RT: 7.095 min Scan# 2905
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:252 Resp: 389064

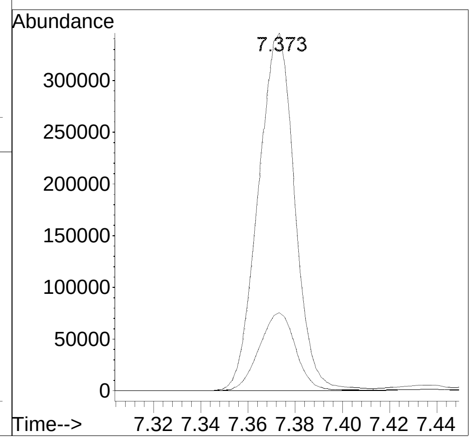
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2

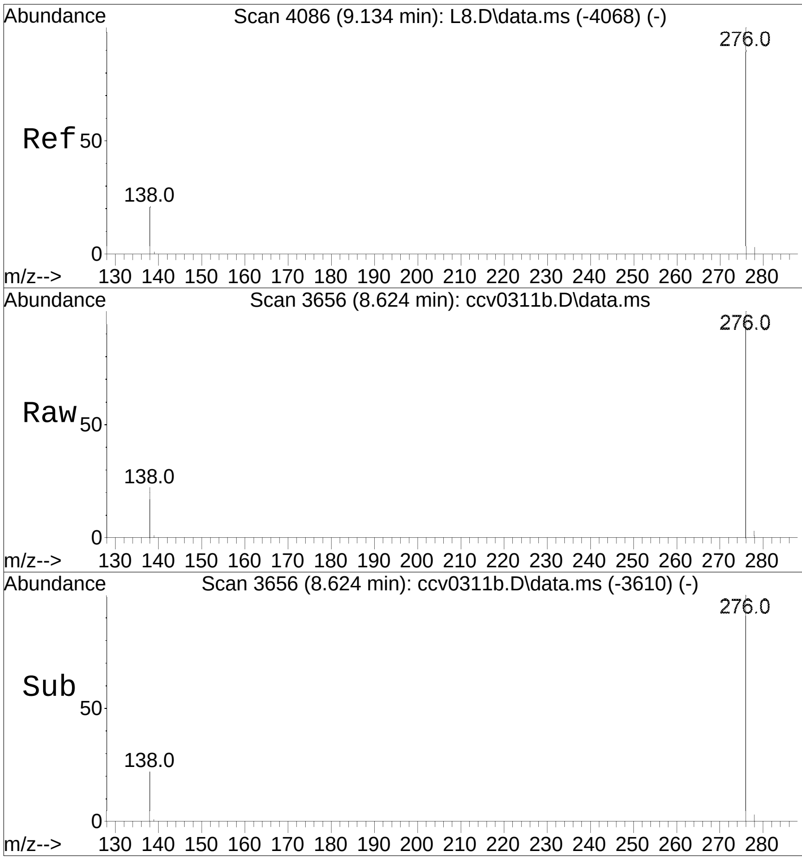




#41
Benzo[a]pyrene
Concen: 989.16 ng/ml
RT: 7.373 min Scan# 3031
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:252	Resp:	369301	
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9

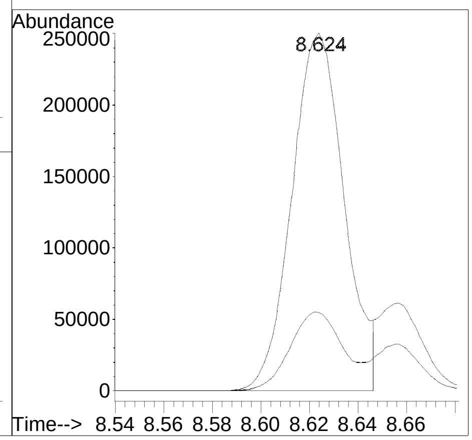


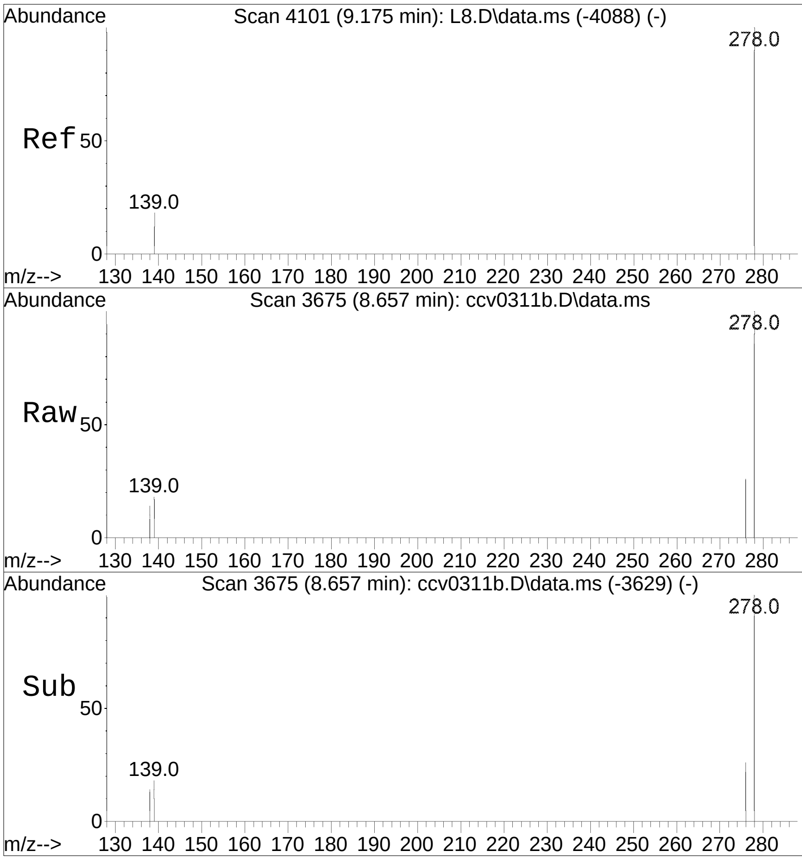


#42
Indeno[1,2,3-cd]pyrene
Concen: 1031.39 ng/ml
RT: 8.624 min Scan# 3656
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:276 Resp: 372791

Ion	Ratio	Lower	Upper
276	100		
138	21.9	16.9	25.3

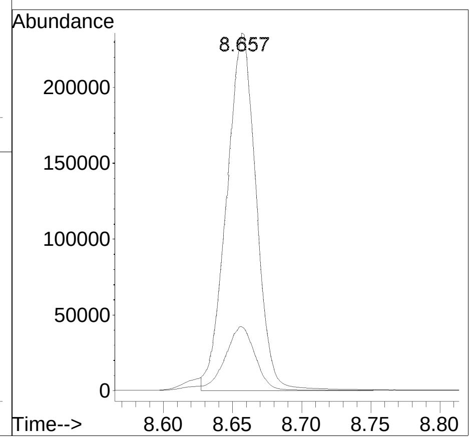


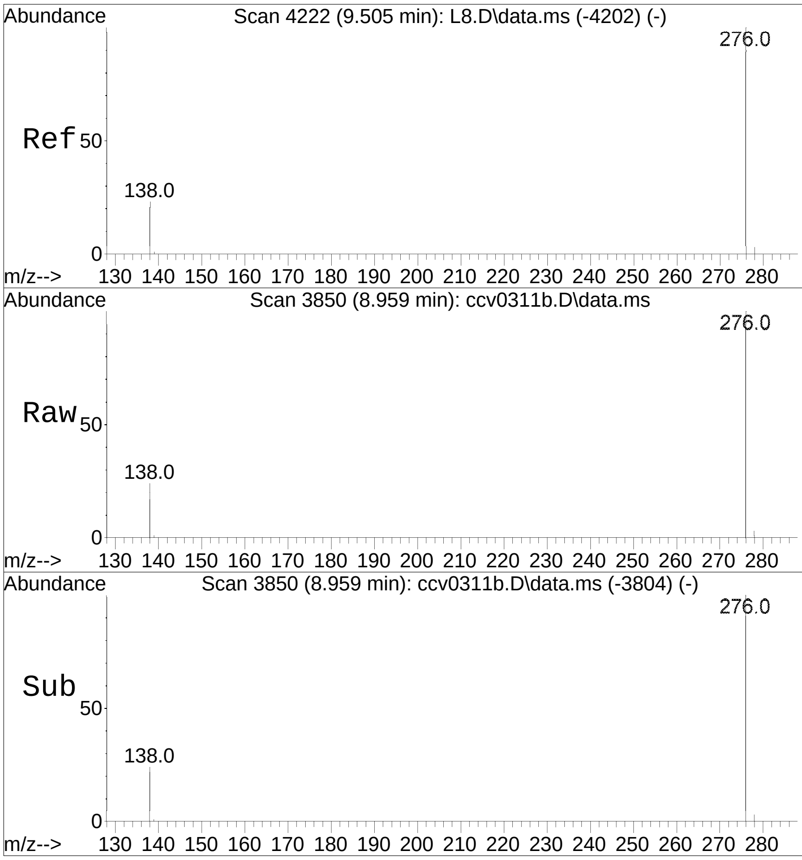


#43
Dibenzo[a,h]anthracene
Concen: 1044.56 ng/ml M6
RT: 8.657 min Scan# 3675
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:278 Resp: 350248

Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.6	22.0

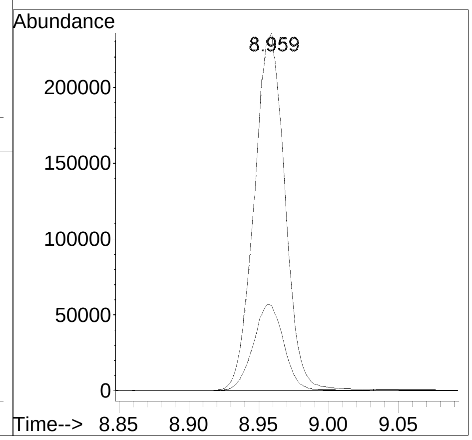




#44
Benzo[g,h,i]perylene
Concen: 1040.85 ng/ml
RT: 8.959 min Scan# 3850
Delta R.T. 0.000 min
Lab File: ccv0311b.D
Acq: 11 Mar 2025 09:51 am

Tgt Ion:276 Resp: 358068

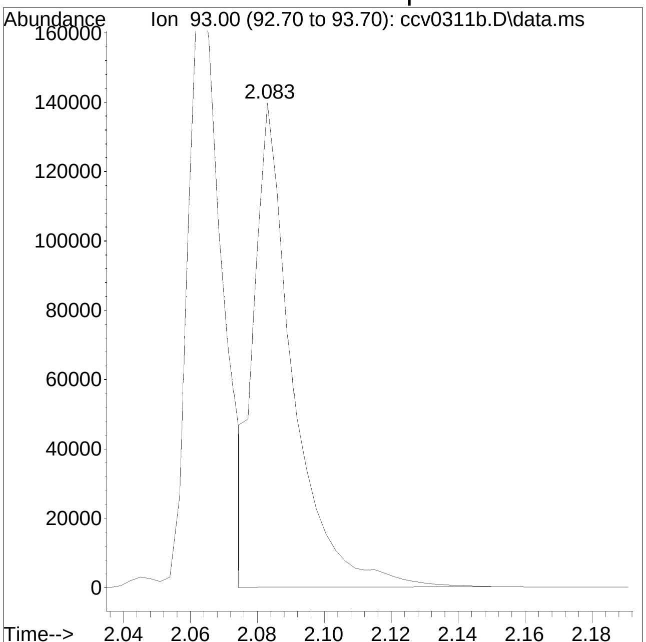
Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.6	28.0

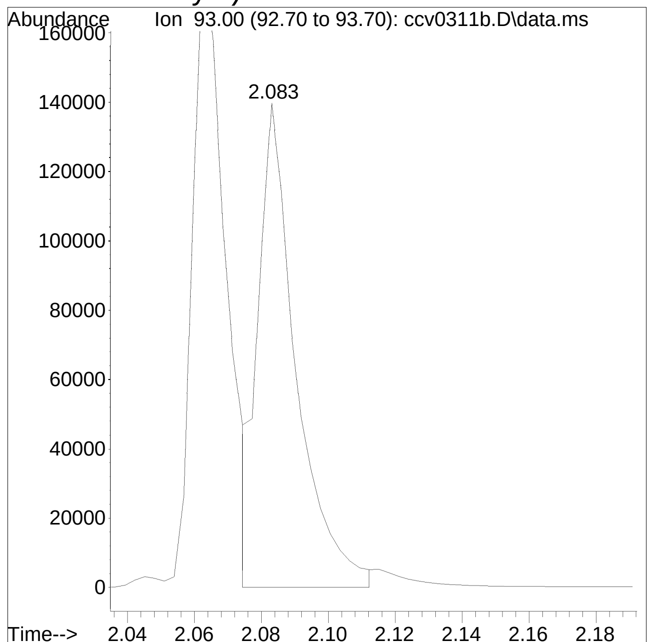


Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : ccv0311b.D
Date Inj'd : 3/11/2025 9:51 am
Sample : WG2039073-3,32,,ICV 11275
Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/11/2025 12:33 pm

Compound #5: Bis(2-chloroethyl)ether





Original Peak Response = 112539

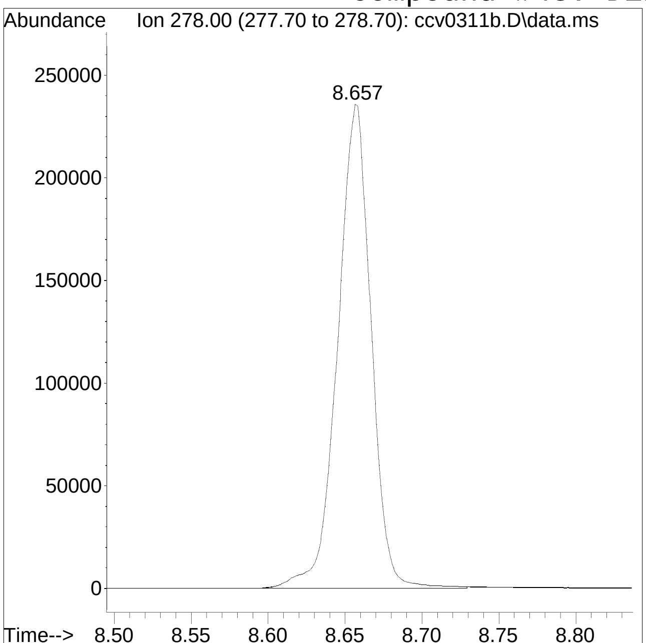
Manual Peak Response = 109689 M6

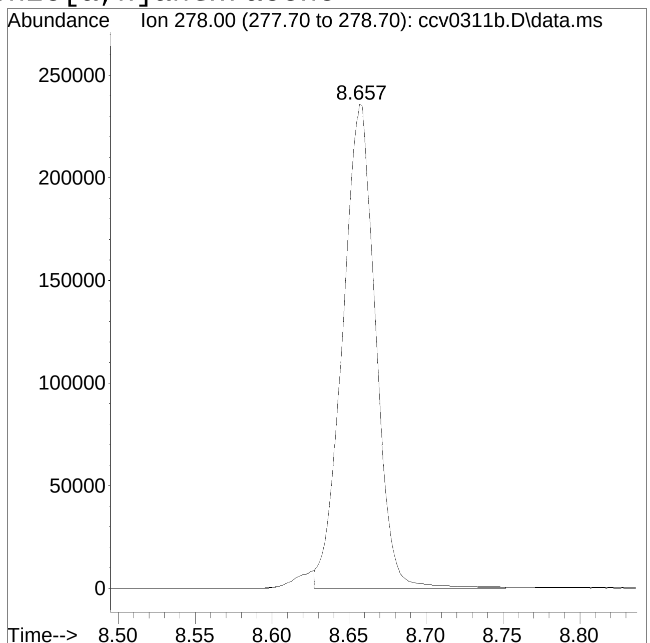
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250311bRVQMethod     : SIM-RVT_241229_sv119.M
Data File   : ccv0311b.D                   Operator    : sv119:jjw
Date Inj'd  : 3/11/2025  9:51 am           Instrument  : SV119
Sample      : WG2039073-3,32,,ICV 11275 Quant Date  : 3/11/2025 12:33 pm
```

Compound #43: Dibenzo[a,h]anthracene





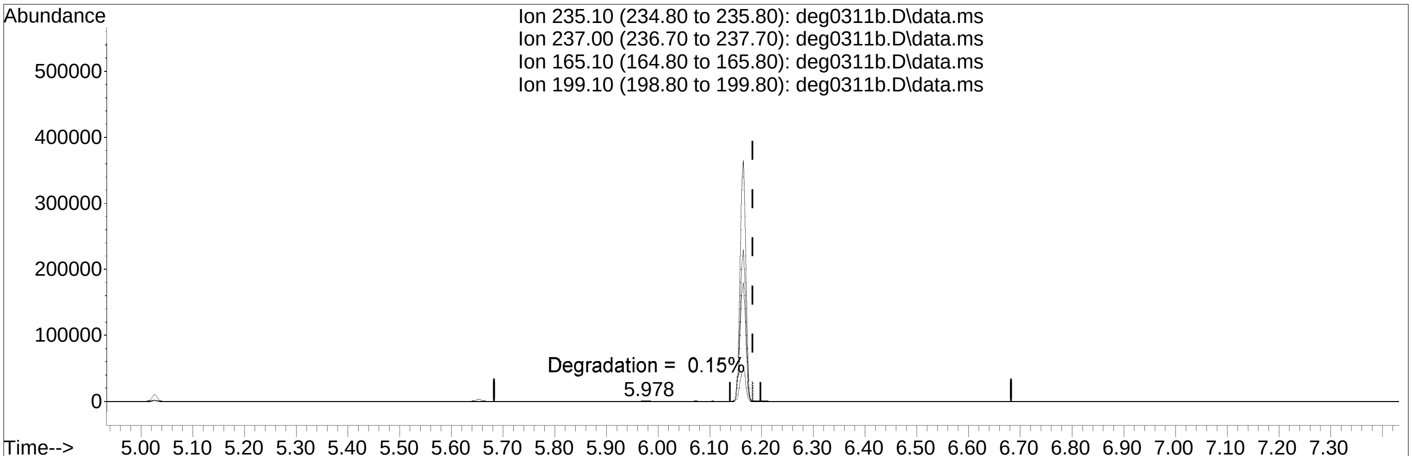
Original Peak Response = 356432   Manual Peak Response = 350248 M6

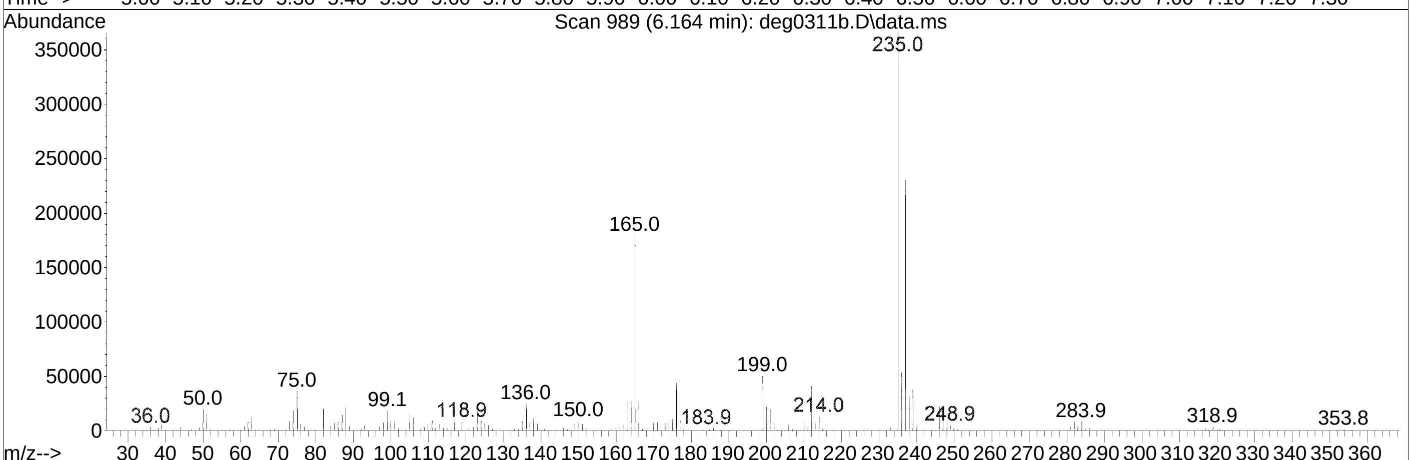
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : deg0311b.D
Acq On : 11 Mar 2025 09:35 am
Operator : sv119:jjw
Sample : WG2039073-2,32,,dftpp SV119 lot# 11413
Misc : WG2039073,,ical21826
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 11 09:47:47 2025
Quant Method : I:\8270SIM\sv119\250311bRVT\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 31 09:20:30 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: deg0311b.D\data.ms

(6) ddt (T)

6.164min (-0.019) 43.68

response 266248

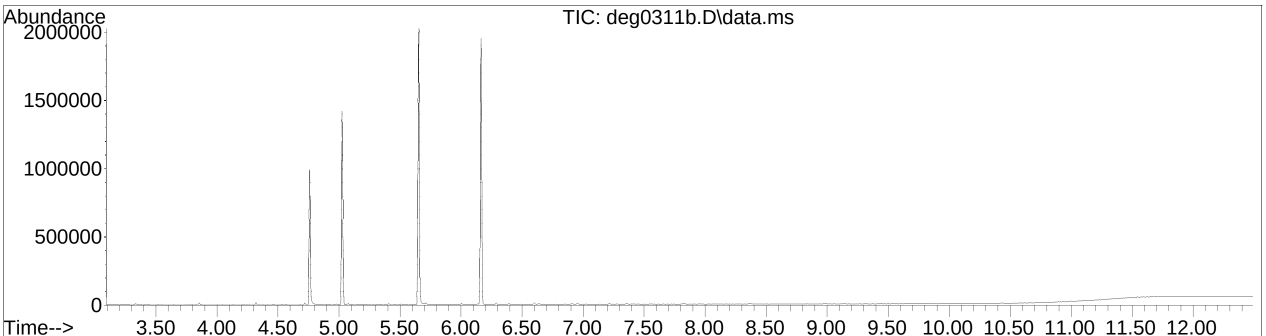
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.60	63.50
165.10	53.30	50.11
199.10	17.10	13.89

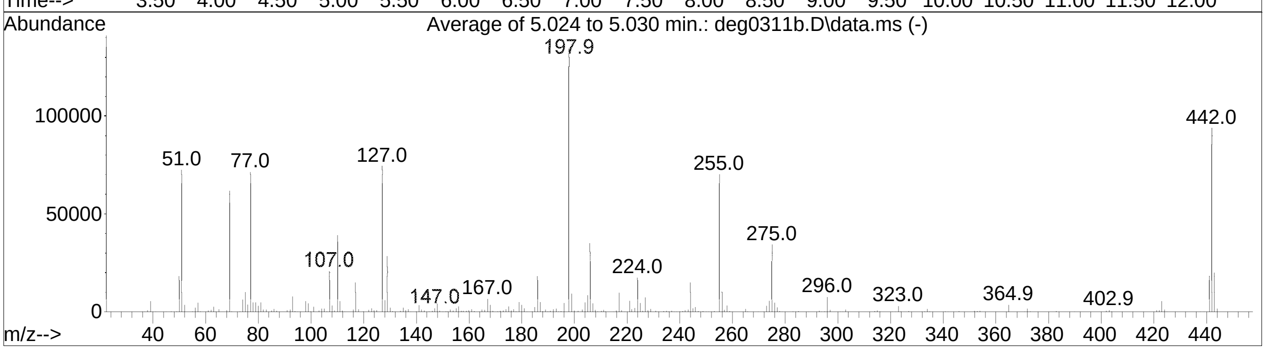
DFTPP

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : deg0311b.D
Acq On : 11 Mar 2025 09:35 am
Operator : sv119:jjw
Sample : WG2039073-1,32,,dftpp SV119 lot# 11413
Misc : WG2039073,,ical21826
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270SIM\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Tue Mar 11 10:14:03 2025





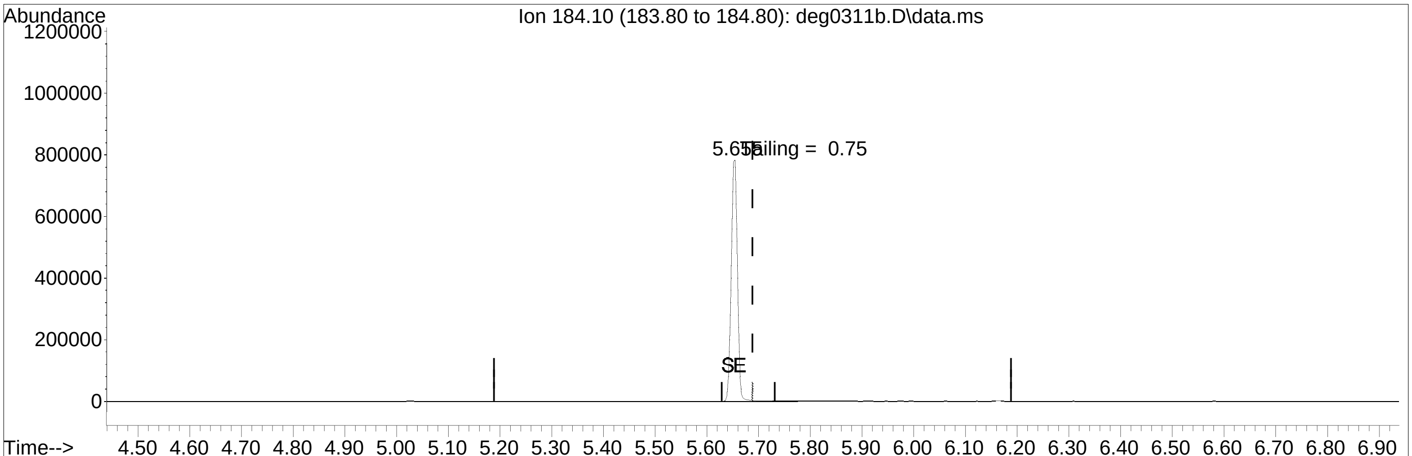
Spectrum Information: Average of 5.024 to 5.030 min.

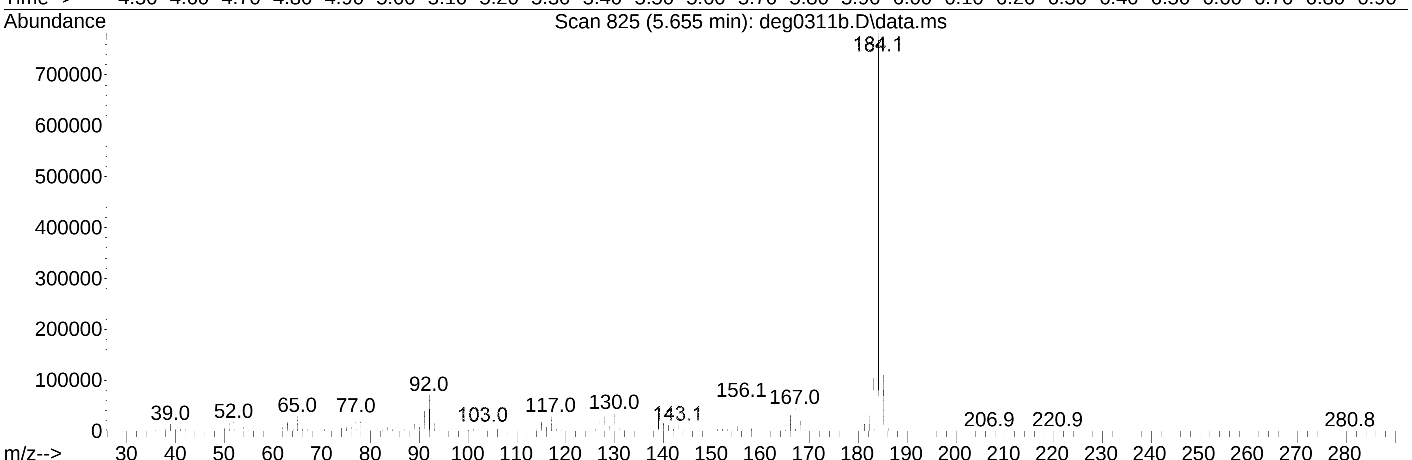
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	53.8	72347	PASS
68	69	0.00	2	1.6	1008	PASS
69	69	100	100	100.0	61885	PASS
70	69	0.00	2	0.6	374	PASS
127	198	10	80	55.3	74293	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	134445	PASS
199	198	5	9	6.8	9194	PASS
275	198	10	60	25.4	34125	PASS
365	198	1	100	2.6	3528	PASS
441	442	0.01	24	19.5	18299	PASS
442	198	50	100	69.7	93651	PASS
443	442	15	24	21.2	19864	PASS

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : deg0311b.D
Acq On : 11 Mar 2025 09:35 am
Operator : sv119:jjw
Sample : WG2039073-4,32,,dftpp SV119 lot# 11413
Misc : WG2039073,,ical21826
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 11 09:47:47 2025
Quant Method : I:\8270SIM\sv119\250311bRVT\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 31 09:20:30 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: deg0311b.D\data.ms

(3) benzidine (T)

5.655min (-0.034) 63.04

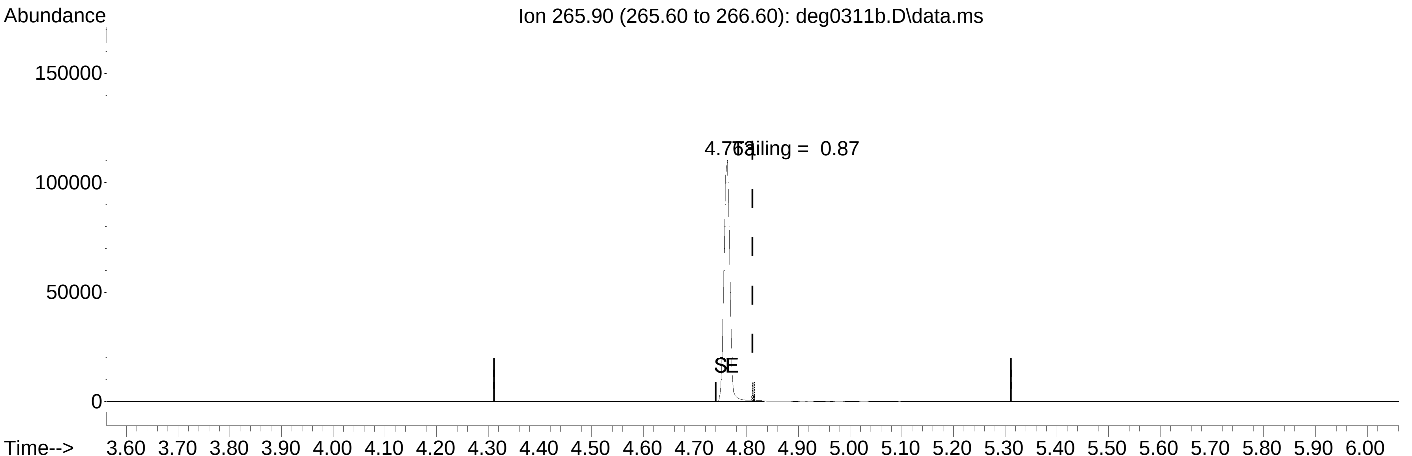
response 641727

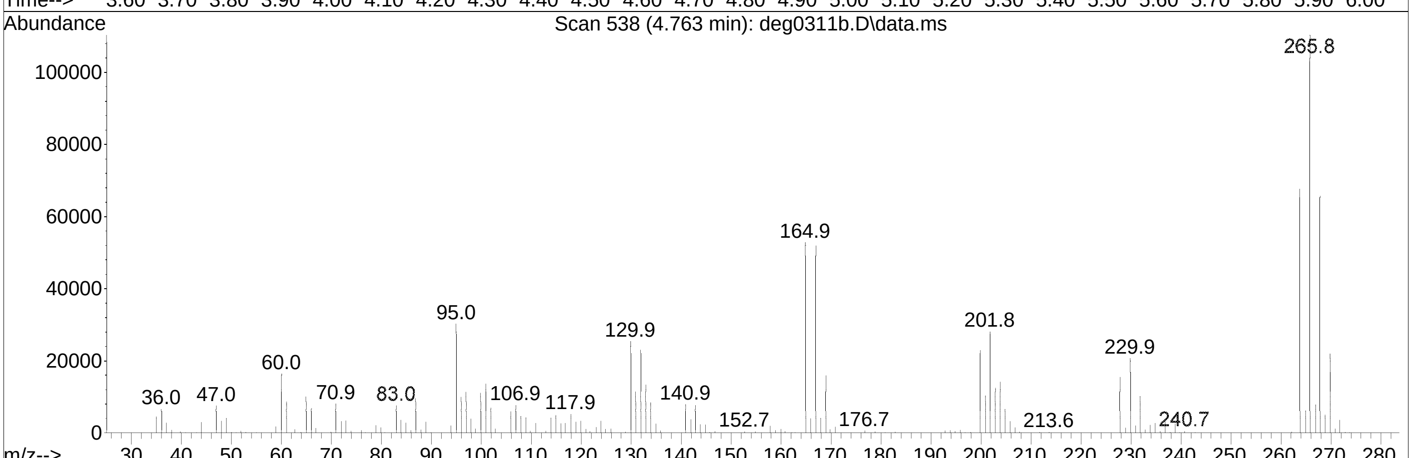
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : deg0311b.D
Acq On : 11 Mar 2025 09:35 am
Operator : sv119:jjw
Sample : WG2039073-5,32,,dftpp SV119 lot# 11413
Misc : WG2039073,,ical21826
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 11 09:47:47 2025
Quant Method : I:\8270SIM\sv119\250311bRVT\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 31 09:20:30 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: deg0311b.D\data.ms

(1) pentachlorophenol (T)

4.763min (-0.049) 39.64

response 83248

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368	
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504	
Instrument ID	: SV119	**Calibration Date**	: 03/11/25 09:51	
Lab File ID	: CCV0311B	**Init. Calib. Date(s)**	: 12/29/24	12/29/24
Sample No	: WG2039073-3	**Init. Calib. Times**	: 13:37	16:09
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	107	0
2-Fluorophenol	1.072	1.095	.05	-2.1	20	108	0
Phenol-d6	1.338	1.336	.05	0.1	20	104	0
Bis(2-chloroethyl)ether	1.235	1.347	.05	-9.1	20	123	0
n-nitrosodi-n-propylamine	0.827	0.733	.05	11.4	20	93	0
Hexachloroethane	0.518	0.484	.05	6.6	20	104	0
Nitrobenzene-d5	1.297	1.153	.05	11.1	20	96	0
Naphthalene-d8	1	1	.05	0	20	107	0
Naphthalene	1.116	0.966	.05	13.4	20	98	0
Hexachlorobutadiene	0.196	0.159	.05	18.9	20	91	0
2-Methylnaphthalene	0.78	0.62	.05	20.5*	20	89	0
1-Methylnaphthalene	0.718	0.629	.05	12.4	20	97	0
2-Fluorobiphenyl	0.975	0.774	.05	20.6*	20	90	0
2-Chloronaphthalene	0.805	0.664	.05	17.5	20	92	0
2,6-Dinitrotoluene	0.198	0.162	.05	18.2	20	85	0
Acenaphthylene	1.247	1.107	.05	11.2	20	98	0
Acenaphthene-d10	1	1	.05	0	20	96	0
Acenaphthene	1.334	1.202	.05	9.9	20	90	0
2,4-Dinitrotoluene	0.424	0.399	.05	5.9	20	86	0
Fluorene	1.533	1.426	.05	7	20	91	0
2,4,6-Tribromophenol	0.175	0.168	.05	4	20	87	0
Phenanthrene-d10	1	1	.05	0	20	93	0
4,6-Dinitro-o-cresol	1000	718.086	.05	28.2*	20	71	0
Hexachlorobenzene	0.236	0.202	.05	14.4	20	86	0
Pentachlorophenol	1000	839.229	.05	16.1	20	79	0
Phenanthrene	1.17	1.036	.05	11.5	20	86	0
Anthracene	1.173	1.07	.05	8.8	20	88	0
Fluoranthene	1.463	1.247	.05	14.8	20	83	0
Pyrene	1.51	1.279	.05	15.3	20	83	0
4-Terphenyl-d14	0.992	0.771	.05	22.3*	20	75	0
Chrysene-d12	1	1	.05	0	20	83	0
Benzo[a]anthracene	1000	901.889	.05	9.8	20	75	0
3,3'-Dichlorobenzidine	1000	1067.563	.05	-6.8	20	98	0
Chrysene	1.377	1.183	.05	14.1	20	74	0
Bis(2-ethylhexyl)phthalate	0.714	0.772	.05	-8.1	20	86	0
Perylene-d12	1	1	.05	0	20	85	0
Benzo[b]fluoranthene	1.326	1.204	.05	9.2	20	77	0
Benzo[k]fluoranthene	1.307	1.172	.05	10.3	20	77	0
Benzo[a]pyrene	1.125	1.113	.05	1.1	20	82	0
Indeno[1,2,3-cd]pyrene	1.089	1.123	.05	-3.1	20	84	0
Dibenzo[a,h]anthracene	1.01	1.055	.05	-4.5	20	83	0
Benzo[g,h,i]perylene	1.036	1.079	.05	-4.2	20	86	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Instrument ID	: SV119	Calibration Date	: 03/12/25 06:56
Lab File ID	: CCV0312A	Init. Calib. Date(s)	: 12/29/24 12/29/24
Sample No	: WG2039433-3	Init. Calib. Times	: 13:37 16:09
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	89	0
2-Fluorophenol	1.072	1.112	.05	-3.7	20	91	0
Phenol-d6	1.338	1.358	.05	-1.5	20	88	0
Bis(2-chloroethyl)ether	1.235	1.181	.05	4.4	20	90	0
n-nitrosodi-n-propylamine	0.827	0.829	.05	-0.2	20	88	0
Hexachloroethane	0.518	0.485	.05	6.4	20	86	0
Nitrobenzene-d5	1.297	1.208	.05	6.9	20	83	0
Naphthalene-d8	1	1	.05	0	20	92	0
Naphthalene	1.116	0.967	.05	13.4	20	85	0
Hexachlorobutadiene	0.196	0.153	.05	21.9*	20	75	0
2-Methylnaphthalene	0.78	0.625	.05	19.9	20	77	0
1-Methylnaphthalene	0.718	0.638	.05	11.1	20	85	0
2-Fluorobiphenyl	0.975	0.782	.05	19.8	20	78	0
2-Chloronaphthalene	0.805	0.674	.05	16.3	20	80	0
2,6-Dinitrotoluene	0.198	0.168	.05	15.2	20	76	0
Acenaphthylene	1.247	1.148	.05	7.9	20	88	0
Acenaphthene-d10	1	1	.05	0	20	86	0
Acenaphthene	1.334	1.194	.05	10.5	20	80	0
2,4-Dinitrotoluene	0.424	0.388	.05	8.5	20	75	0
Fluorene	1.533	1.423	.05	7.2	20	81	0
2,4,6-Tribromophenol	0.175	0.166	.05	5.1	20	77	0
Phenanthrene-d10	1	1	.05	0	20	84	0
4,6-Dinitro-o-cresol	1000	704.449	.05	29.6*	20	63	0
Hexachlorobenzene	0.236	0.192	.05	18.6	20	74	0
Pentachlorophenol	1000	649.4	.05	35.1*	20	55	0
Phenanthrene	1.17	1.015	.05	13.2	20	77	0
Anthracene	1.173	1.059	.05	9.7	20	79	0
Fluoranthene	1.463	1.267	.05	13.4	20	76	0
Pyrene	1.51	1.307	.05	13.4	20	77	0
4-Terphenyl-d14	0.992	0.805	.05	18.9	20	71	0
Chrysene-d12	1	1	.05	0	20	81	0
Benzo[a]anthracene	1000	908.038	.05	9.2	20	74	0
3,3'-Dichlorobenzidine	1000	1135.773	.05	-13.6	20	102	0
Chrysene	1.377	1.173	.05	14.8	20	72	0
Bis(2-ethylhexyl)phthalate	0.714	0.972	.05	-36.1*	20	106	0
Perylene-d12	1	1	.05	0	20	84	0
Benzo[b]fluoranthene	1.326	1.236	.05	6.8	20	78	0
Benzo[k]fluoranthene	1.307	1.211	.05	7.3	20	78	0
Benzo[a]pyrene	1.125	1.158	.05	-2.9	20	84	0
Indeno[1,2,3-cd]pyrene	1.089	1.165	.05	-7	20	86	0
Dibenzo[a,h]anthracene	1.01	1.076	.05	-6.5	20	83	0
Benzo[g,h,i]perylene	1.036	1.099	.05	-6.1	20	86	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : ccv0312a.D
Acq On : 12 Mar 2025 06:56 am
Operator : sv119:kmh
Sample : wg2039433-3,32,,ICV 11275 (0309)
Misc : wg2039433,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 12 07:10:55 2025
Quant Method : I:\8270SIM\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:50 2025
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
2	T	N-Nitrosodimethylamine	0.000	0.746	0.0	0#	0.00
3	s	2-Fluorophenol	1.072	1.112	-3.7	91	0.00
4	s	Phenol-d6	1.338	1.358	-1.5	88	0.00
5	T	Bis(2-chloroethyl)ether	1.235	1.181	4.4	90	0.00
6	T	n-nitrosodi-n-propylamine	0.827	0.829	-0.2	88	0.00
7	t	Hexachloroethane	0.518	0.485	6.4	86	0.00
8	s	Nitrobenzene-d5	1.297	1.208	6.9	83	0.00
9	i	Naphthalene-d8	1.000	1.000	0.0	92	0.00
10	t	Naphthalene	1.116	0.967	13.4	85	0.00
11	t	Hexachlorobutadiene	0.196	0.153	21.9#	75	0.00
12	t	2-Methylnaphthalene	0.780	0.625	19.9	77	0.00
13	t	1-Methylnaphthalene	0.718	0.638	11.1	85	0.00
14	s	2-Fluorobiphenyl	0.975	0.782	19.8	78	0.00
15	t	2-Chloronaphthalene	0.805	0.674	16.3	80	0.00
16	t	2,6-Dinitrotoluene	0.198	0.168	15.2	76	0.00
17	t	Acenaphthylene	1.247	1.148	7.9	88	0.00
18	i	Acenaphthene-d10	1.000	1.000	0.0	86	0.00
19	t	Acenaphthene	1.334	1.194	10.5	80	0.00
20	t	2,4-Dinitrotoluene	0.424	0.388	8.5	75	0.00
21	t	Fluorene	1.533	1.423	7.2	81	0.00
22	s	2,4,6-Tribromophenol	0.175	0.166	5.1	77	0.00
23	i	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
24	T	4,6-Dinitro-o-cresol	*1000.000	704.449	29.6#	63	0.00
25	t	Hexachlorobenzene	0.236	0.192	18.6	74	0.00
26	t	Pentachlorophenol	*1000.000	649.400	35.1#	55	0.00
27	t	Phenanthrene	1.170	1.015	13.2	77	0.00
28	t	Anthracene	1.173	1.059	9.7	79	0.00
29	t	Fluoranthene	1.463	1.267	13.4	76	0.00
30	t	Pyrene	1.510	1.307	13.4	77	0.00
31	T	Benzidine	0.000	0.804	0.0	0#	0.00
32	s	4-Terphenyl-d14	0.992	0.805	18.9	71	0.00
33	i	Chrysene-d12	1.000	1.000	0.0	81	0.00
34	t	Benzo[a]anthracene	*1000.000	908.038	9.2	74	0.00
35	t	3,3'-Dichlorobenzidine	*1000.000	1135.773	-13.6	102	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : ccv0312a.D
Acq On : 12 Mar 2025 06:56 am
Operator : sv119:kmh
Sample : wg2039433-3,32,,ICV 11275 (0309)
Misc : wg2039433,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 12 07:10:55 2025
Quant Method : I:\8270SIM\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:50 2025
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
36	t	Chrysene	1.377	1.173	14.8	72	0.00
37	T	Bis(2-ethylhexyl)phthalate	0.714	0.972	-36.1#	106	0.00
38	i	Perylene-d12	1.000	1.000	0.0	84	0.00
39	t	Benzo[b]fluoranthene	1.326	1.236	6.8	78	0.00
40	t	Benzo[k]fluoranthene	1.307	1.211	7.3	78	0.00
41	t	Benzo[a]pyrene	1.125	1.158	-2.9	84	0.00
42	t	Indeno[1,2,3-cd]pyrene	1.089	1.165	-7.0	86	0.00
43	t	Dibenzo[a,h]anthracene	1.010	1.076	-6.5	83	0.00
44	t	Benzo[g,h,i]perylene	1.036	1.099	-6.1	86	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : ccv0312a.D
Acq On : 12 Mar 2025 06:56 am
Operator : sv119:kmh
Sample : wg2039433-3,32,,ICV 11275 (0309)
Misc : wg2039433,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 12 07:10:55 2025
Quant Method : I:\8270SIM\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:50 2025
Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.176	152	270856	4000.000	ng/ml	0.00
9) Naphthalene-d8	2.834	136	1057861	4000.000	ng/ml	0.00
18) Acenaphthene-d10	3.804	164	616254	4000.000	ng/ml	0.00
23) Phenanthrene-d10	4.640	188	1278760	4000.000	ng/ml	0.00
33) Chrysene-d12	6.192	240	1251818	4000.000	ng/ml	0.00
38) Perylene-d12	7.345	264	1310763	4000.000	ng/ml	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	1.618	112	75303	1037.622	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery =	51.88%		
4) Phenol-d6	2.028	99	91971	1015.364	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery =	50.77%		
8) Nitrobenzene-d5	2.458	82	81825	931.562	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery =	93.16%		
14) 2-Fluorobiphenyl	3.428	172	206940	802.236	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery =	80.22%		
22) 2,4,6-Tribromophenol	4.254	330	25564	950.464	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery =	47.52%		
32) 4-Terphenyl-d14	5.559	244	257222	810.836	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery =	81.08%		
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.168	74	50520	No Calib #		
5) Bis(2-chloroethyl)ether	2.045	93	79993	956.804	ng/ml	84
6) n-nitrosodi-n-propylamine	2.378	70	56111	1001.429	ng/ml	100
7) Hexachloroethane	2.429	117	32824	934.969	ng/ml	95
10) Naphthalene	2.845	128	255795	866.993	ng/ml	100
11) Hexachlorobutadiene	2.914	225	40450	779.063	ng/ml	100
12) 2-Methylnaphthalene	3.221	142	165313	801.807	ng/ml	98
13) 1-Methylnaphthalene	3.277	142	168710	888.695	ng/ml	98
15) 2-Chloronaphthalene	3.492	162	178158	836.670	ng/ml	93
16) 2,6-Dinitrotoluene	3.692	165	44474	847.519	ng/ml#	88
17) Acenaphthylene	3.721	152	303599	920.660	ng/ml	100
19) Acenaphthene	3.821	153	183979	895.141	ng/ml	94
20) 2,4-Dinitrotoluene	3.919	165	59848	915.382	ng/ml#	66
21) Fluorene	4.110	166	219168	928.142	ng/ml	96
24) 4,6-Dinitro-o-cresol	4.150	198	29219	704.449	ng/ml	97
25) Hexachlorobenzene	4.429	284	61418M6	814.817	ng/ml	
26) Pentachlorophenol	4.551	266	24359	649.400	ng/ml	99
27) Phenanthrene	4.653	178	324351	867.504	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : ccv0312a.D
Acq On : 12 Mar 2025 06:56 am
Operator : sv119:kmh
Sample : wg2039433-3,32,,ICV 11275 (0309)
Misc : wg2039433,,ical21826
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 12 07:10:55 2025
Quant Method : I:\8270SIM\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:50 2025
Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
28) Anthracene	4.681	178	338631	903.340 ng/ml	99
29) Fluoranthene	5.334	202	405172	866.170 ng/ml	99
30) Pyrene	5.462	202	417922	865.565 ng/ml	100
31) Benzidine	5.415	184	257048	No Calib #	
34) Benzo[a]anthracene	6.182	228	402962	908.038 ng/ml	100
35) 3,3'-Dichlorobenzidine	6.174	252	179264	1135.773 ng/ml	99
36) Chrysene	6.206	228	367227	852.010 ng/ml	100
37) Bis(2-ethylhexyl)phtha...	6.205	149	304199	1360.477 ng/ml	95
39) Benzo[b]fluoranthene	6.982	252	404891	932.048 ng/ml	100
40) Benzo[k]fluoranthene	7.006	252	396959	926.635 ng/ml	96
41) Benzo[a]pyrene	7.278	252	379466	1029.455 ng/ml	99
42) Indeno[1,2,3-cd]pyrene	8.506	276	381651	1069.476 ng/ml	97
43) Dibenzo[a,h]anthracene	8.537	278	352711M6	1065.431 ng/ml	
44) Benzo[g,h,i]perylene	8.837	276	360132	1060.302 ng/ml	98

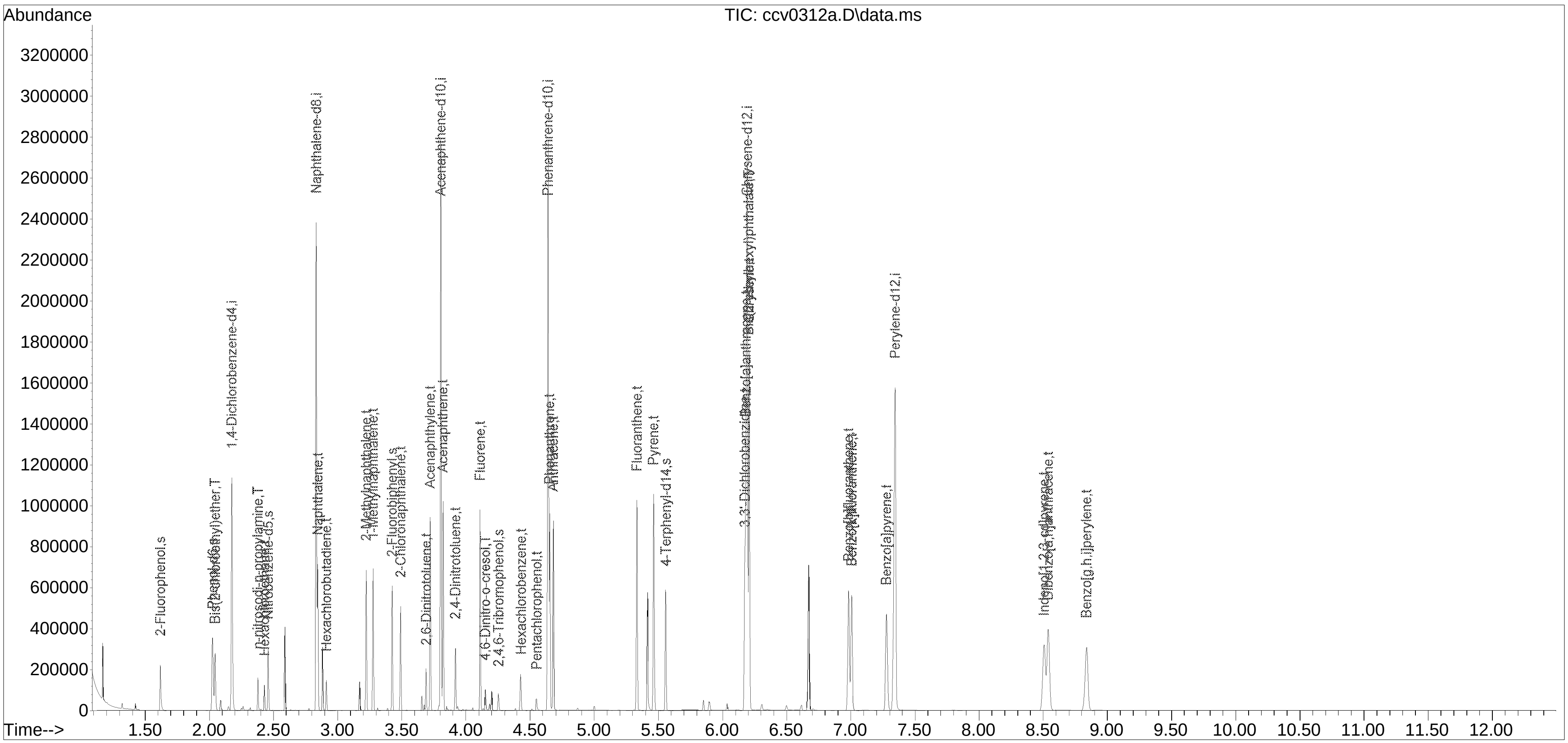
(#) = qualifier out of range (m) = manual integration (+) = signals summed

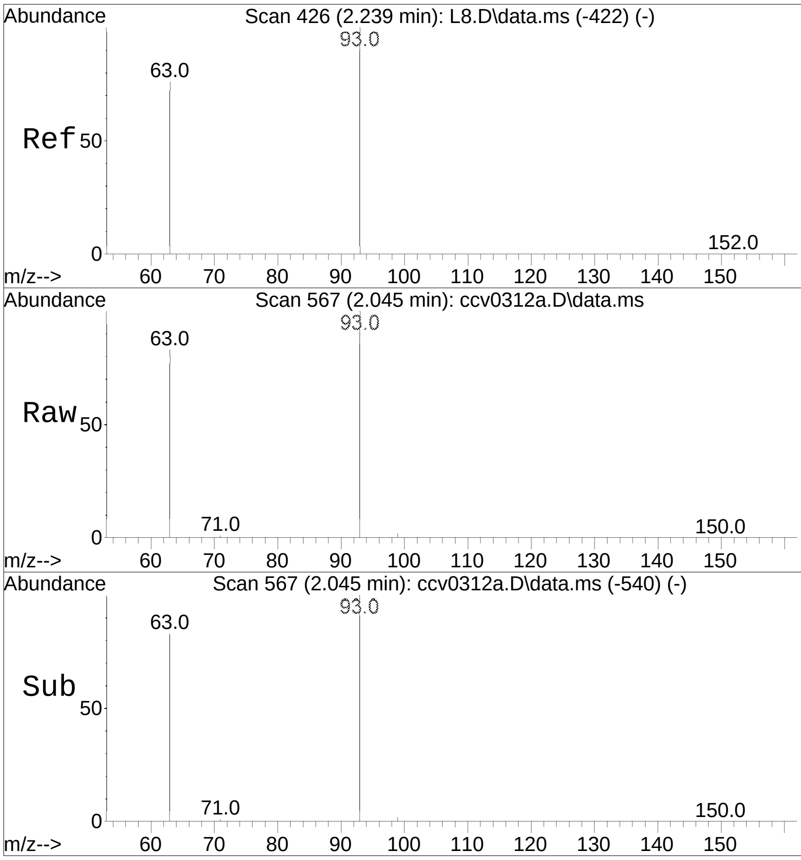
Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : ccv0312a.D
Acq On   : 12 Mar 2025 06:56 am
Operator : sv119:kmh
Sample   : wg2039433-3,32,,ICV 11275 (0309)
Misc   : wg2039433,,ical21826
ALS Vial : 49   Sample Multiplier: 1

Quant Time: Mar 12 07:10:55 2025
Quant Method : I:\8270SIM\sv119\250312RVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 12 07:11:50 2025
Response via : Initial Calibration

Sub List   : Default - All compounds listed

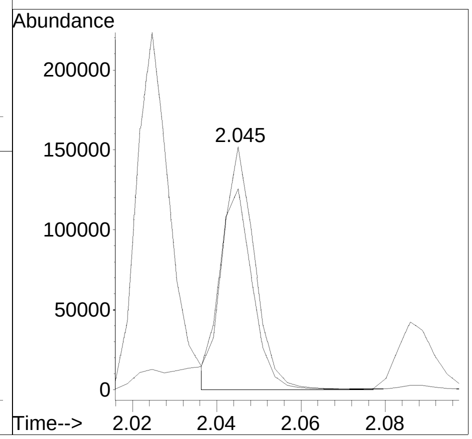


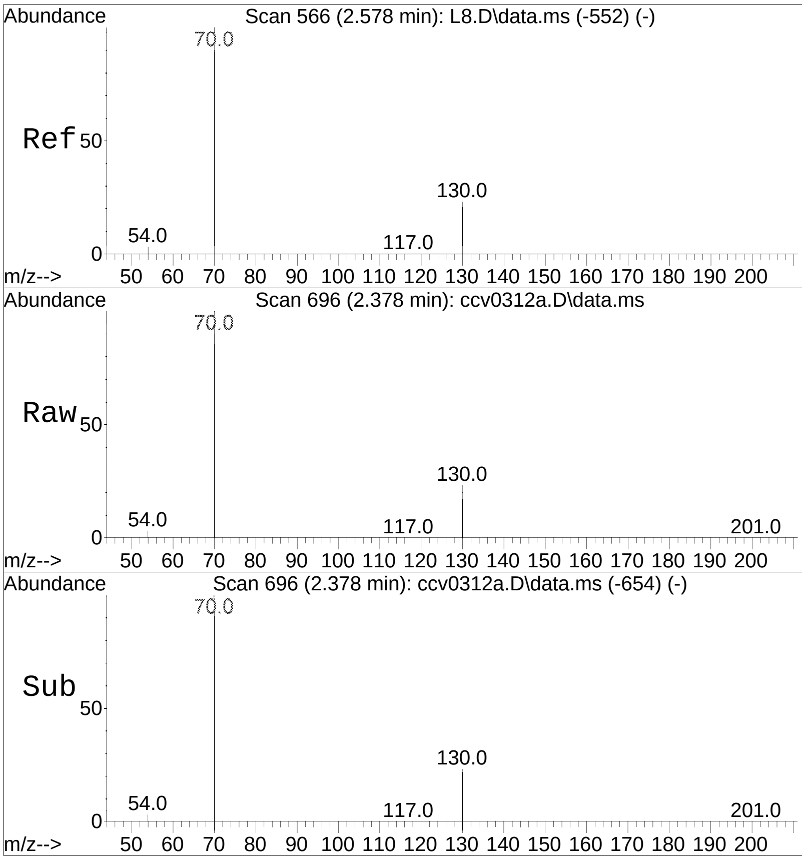


#5
Bis(2-chloroethyl)ether
Concen: 956.80 ng/ml
RT: 2.045 min Scan# 567
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion: 93 Resp: 79993

Ion	Ratio	Lower	Upper
93	100		
63	90.8	61.7	92.5

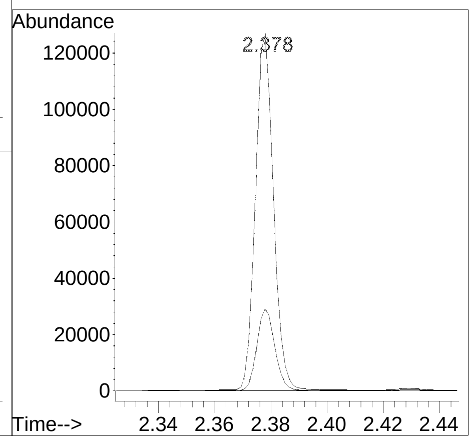


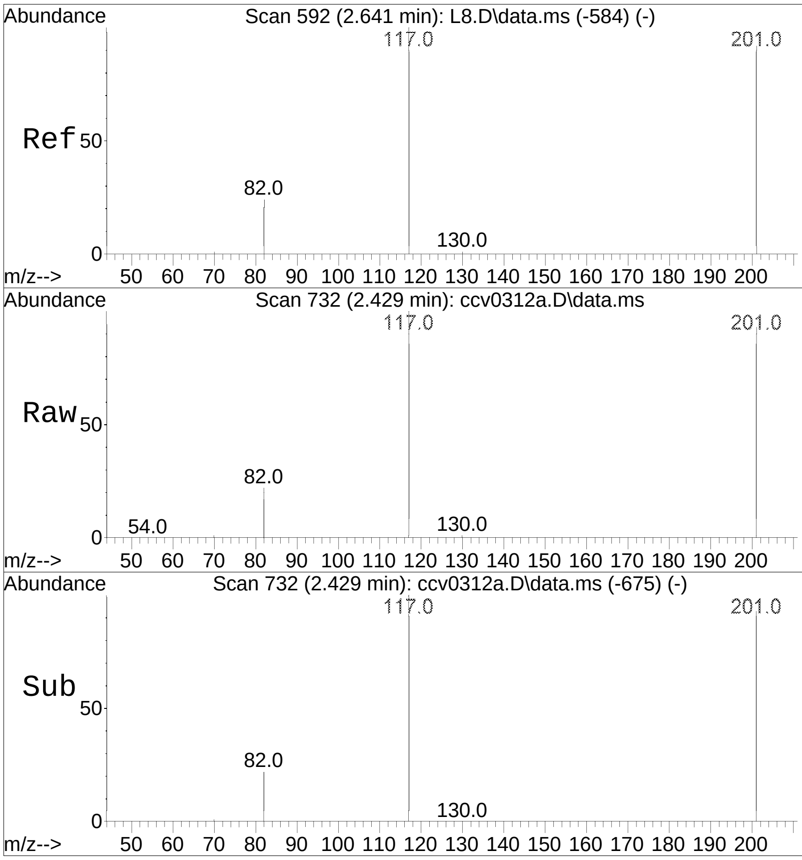


#6
n-nitrosodi-n-propylamine
Concen: 1001.43 ng/ml
RT: 2.378 min Scan# 696
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion: 70 Resp: 56111

Ion	Ratio	Lower	Upper
70	100		
130	22.7	18.1	27.1

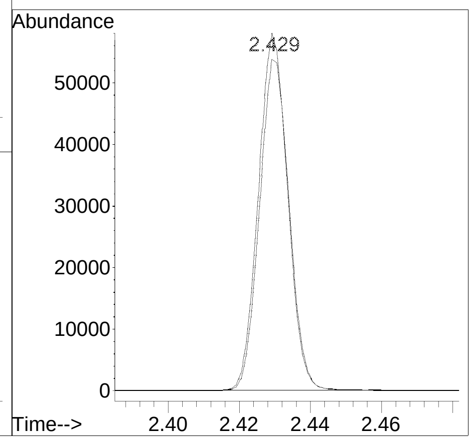


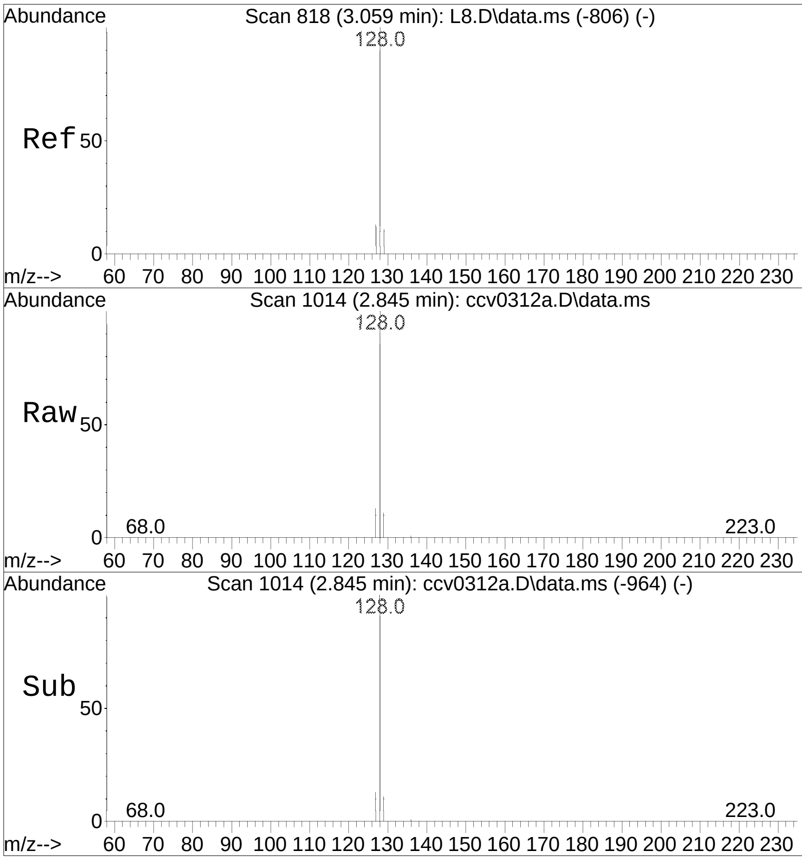


#7
Hexachloroethane
Concen: 934.97 ng/ml
RT: 2.429 min Scan# 732
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:117 Resp: 32824

Ion	Ratio	Lower	Upper
117	100		
201	94.2	79.3	118.9

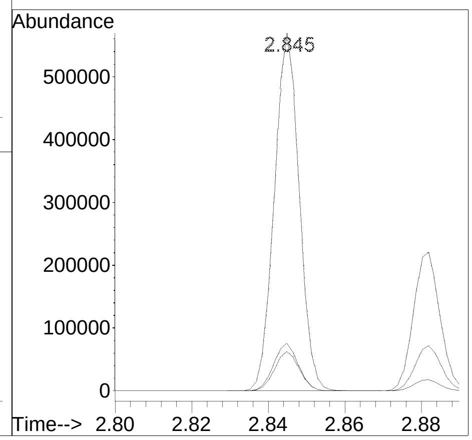


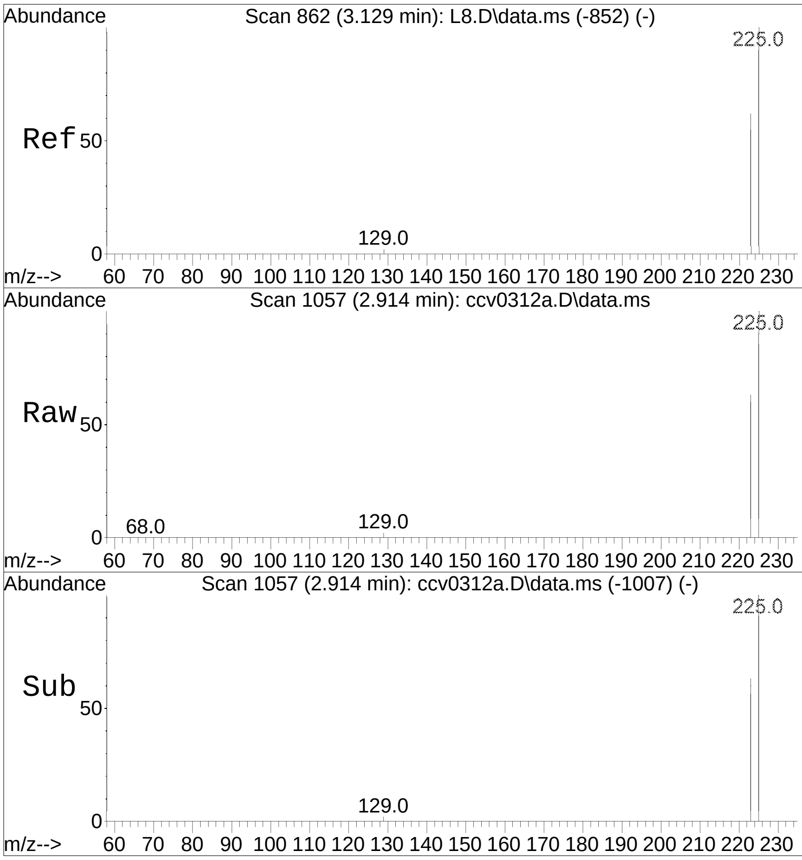


#10
Naphthalene
Concen: 866.99 ng/ml
RT: 2.845 min Scan# 1014
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:128 Resp: 255795

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.2	10.5	15.7

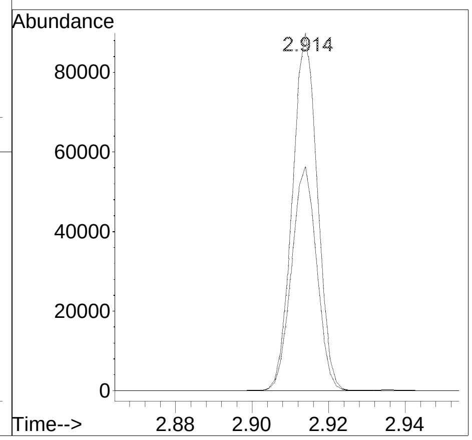


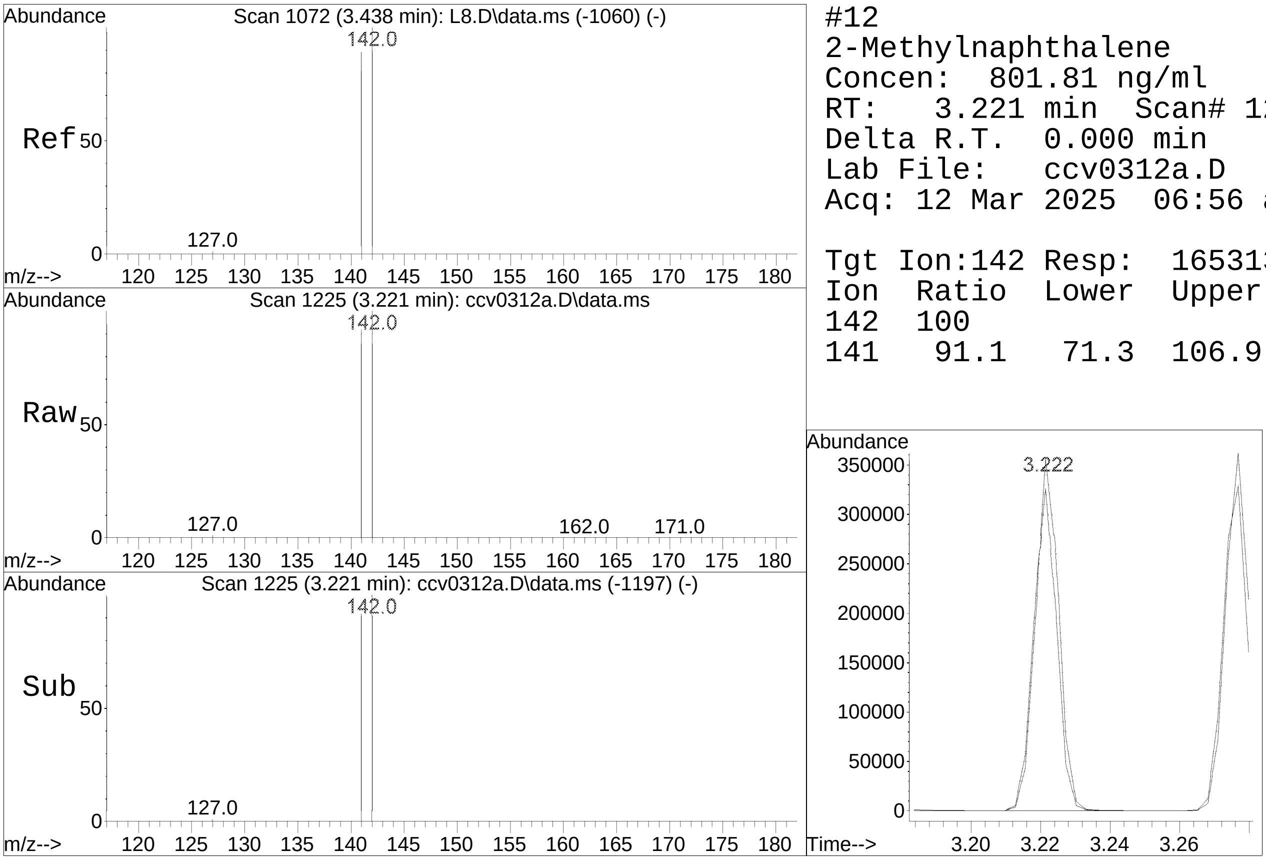


#11
Hexachlorobutadiene
Concen: 779.06 ng/ml
RT: 2.914 min Scan# 1057
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:225 Resp: 40450

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6

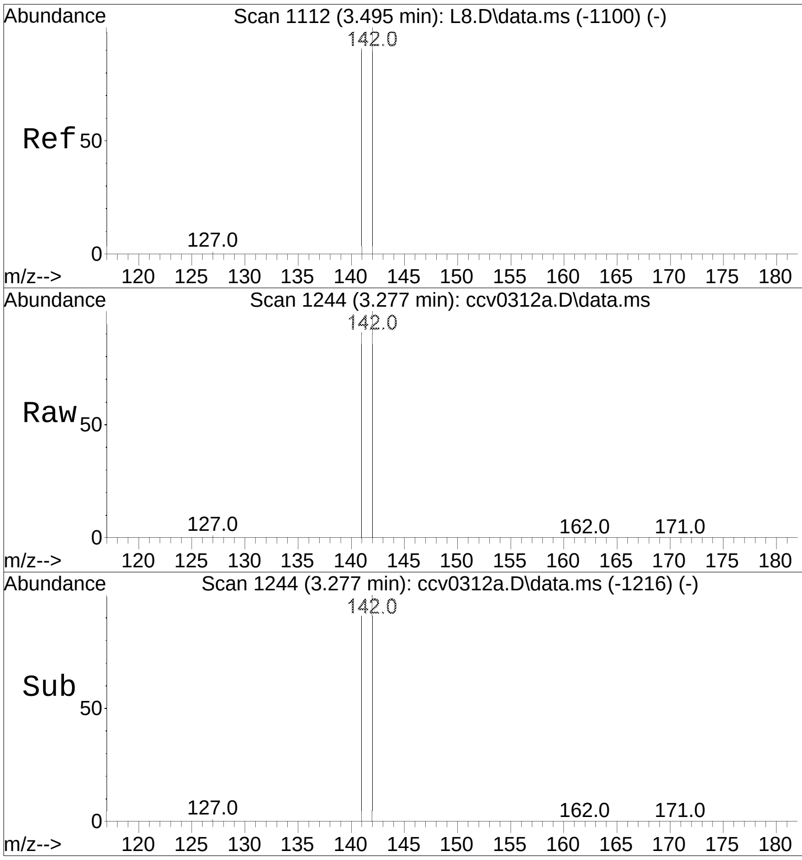




#12
2-Methylnaphthalene
Concen: 801.81 ng/ml
RT: 3.221 min Scan# 1225
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:142 Resp: 165313

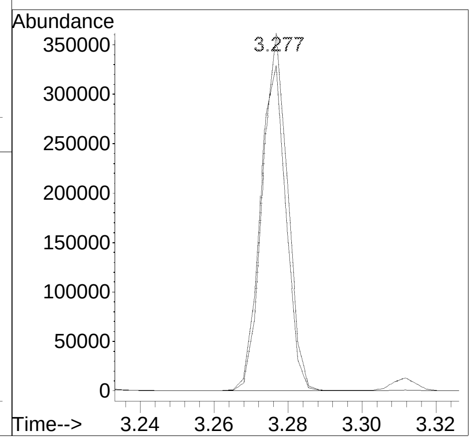
Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.3	106.9

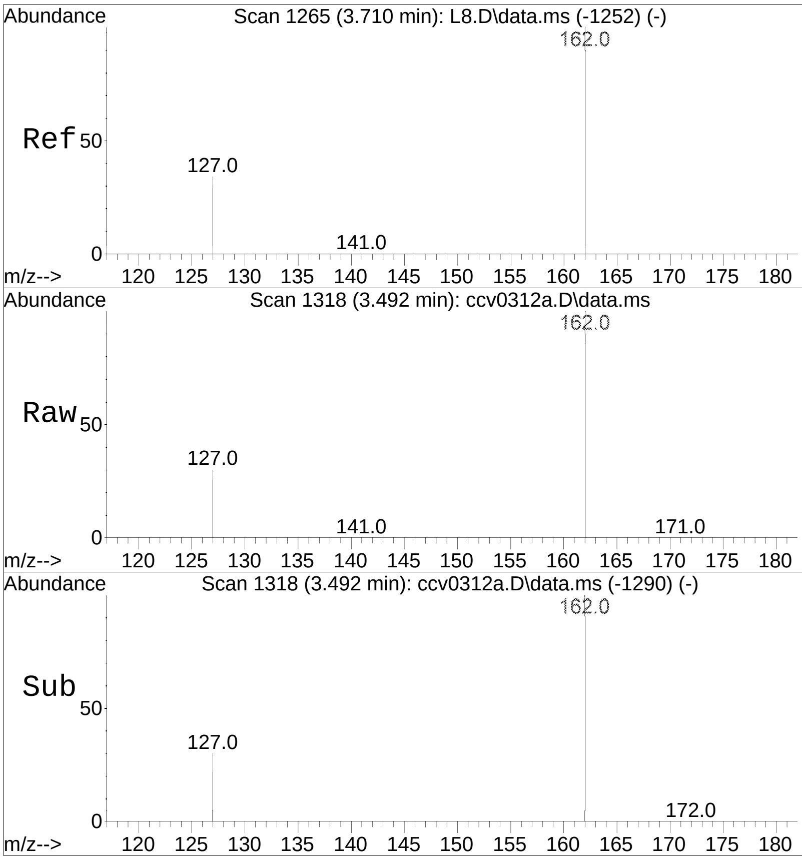


#13
1-Methylnaphthalene
Concen: 888.70 ng/ml
RT: 3.277 min Scan# 1244
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:142 Resp: 168710

Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.8	110.6

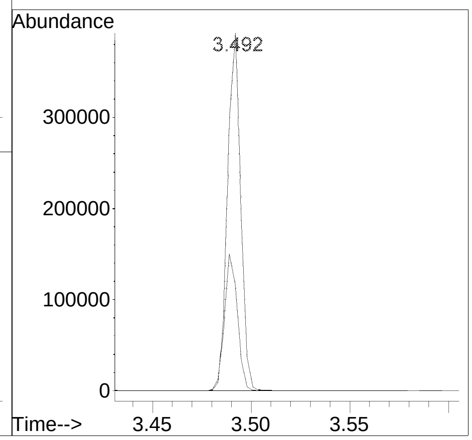


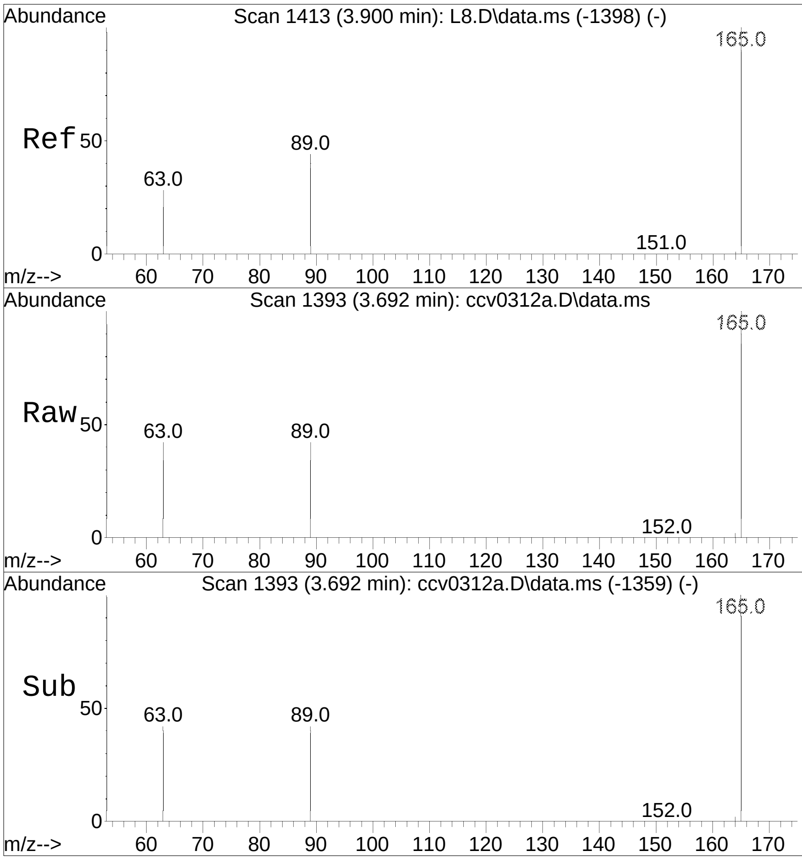


#15
2-Chloronaphthalene
Concen: 836.67 ng/ml
RT: 3.492 min Scan# 1318
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:162 Resp: 178158

Ion	Ratio	Lower	Upper
162	100		
127	38.3	27.4	41.0

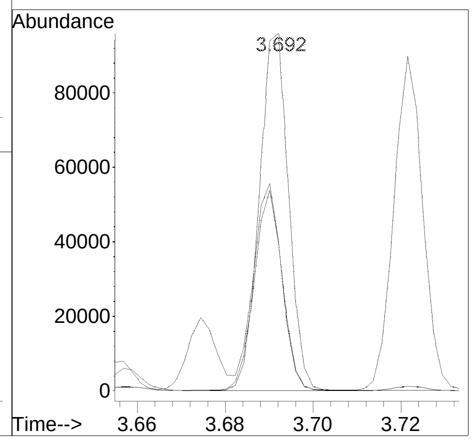


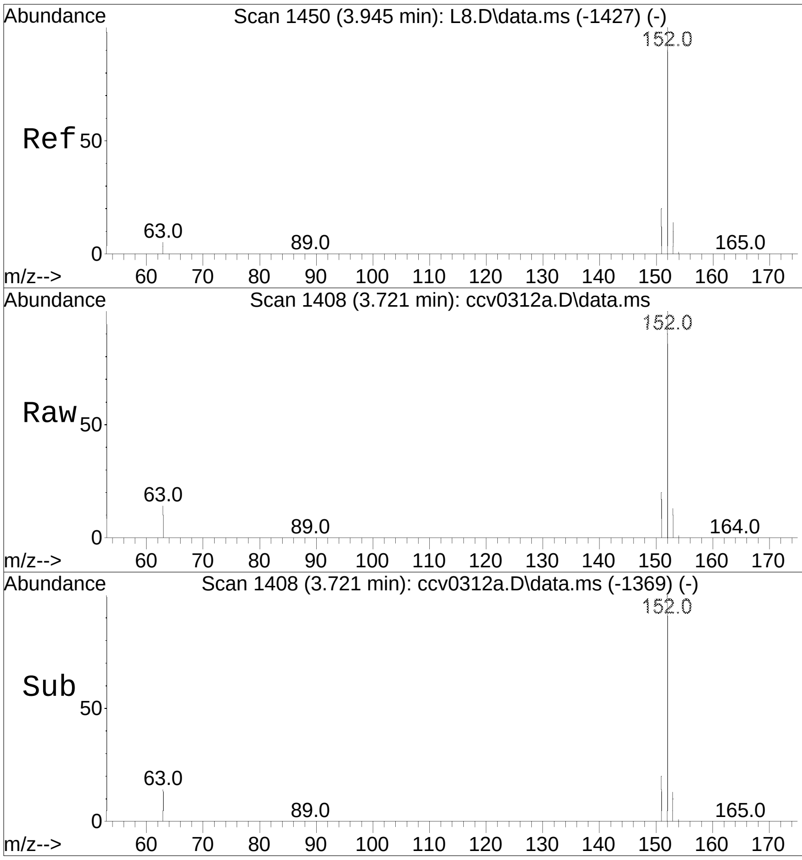


#16
2,6-Dinitrotoluene
Concen: 847.52 ng/ml
RT: 3.692 min Scan# 1393
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:165 Resp: 44474

Ion	Ratio	Lower	Upper
165	100		
89	54.1	37.8	56.8
63	55.7	36.9	55.3#

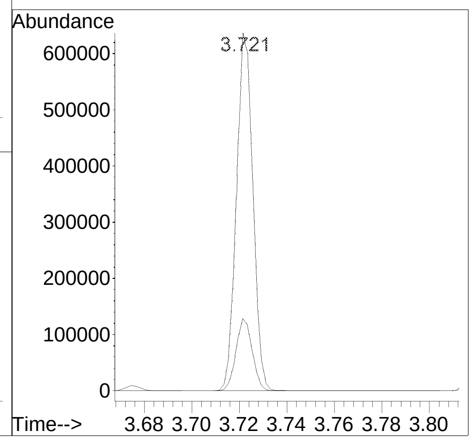


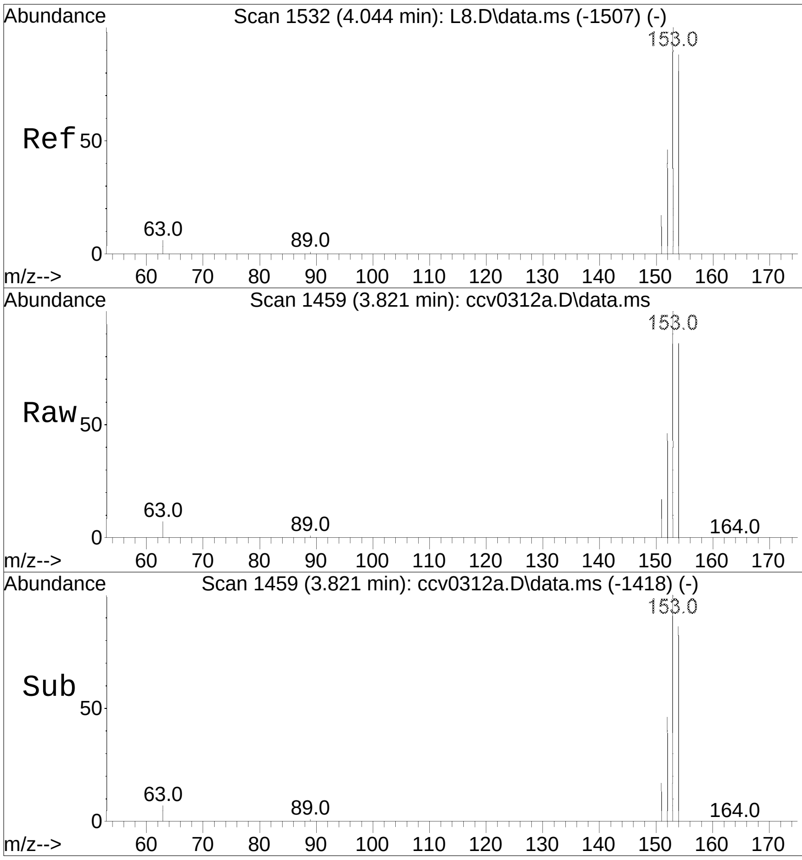


#17
Acenaphthylene
Concen: 920.66 ng/ml
RT: 3.721 min Scan# 1408
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:152 Resp: 303599

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9

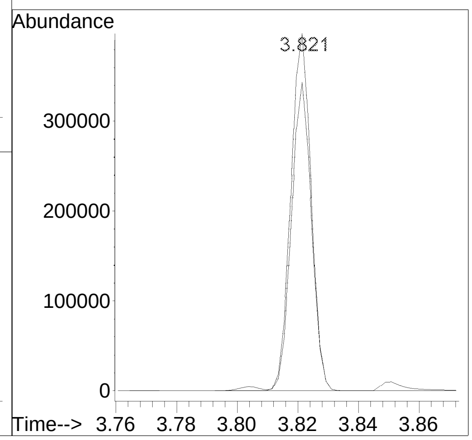


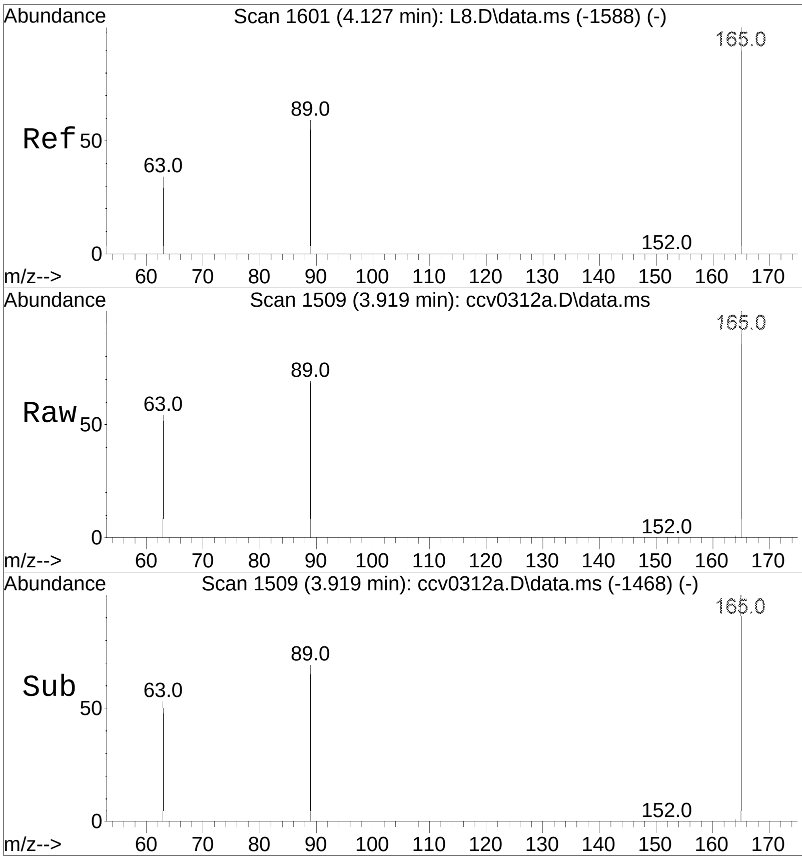


#19
Acenaphthene
Concen: 895.14 ng/ml
RT: 3.821 min Scan# 1459
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:153 Resp: 183979

Ion	Ratio	Lower	Upper
153	100		
154	85.3	73.1	109.7

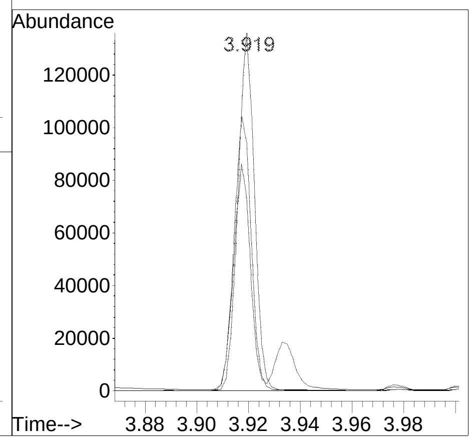


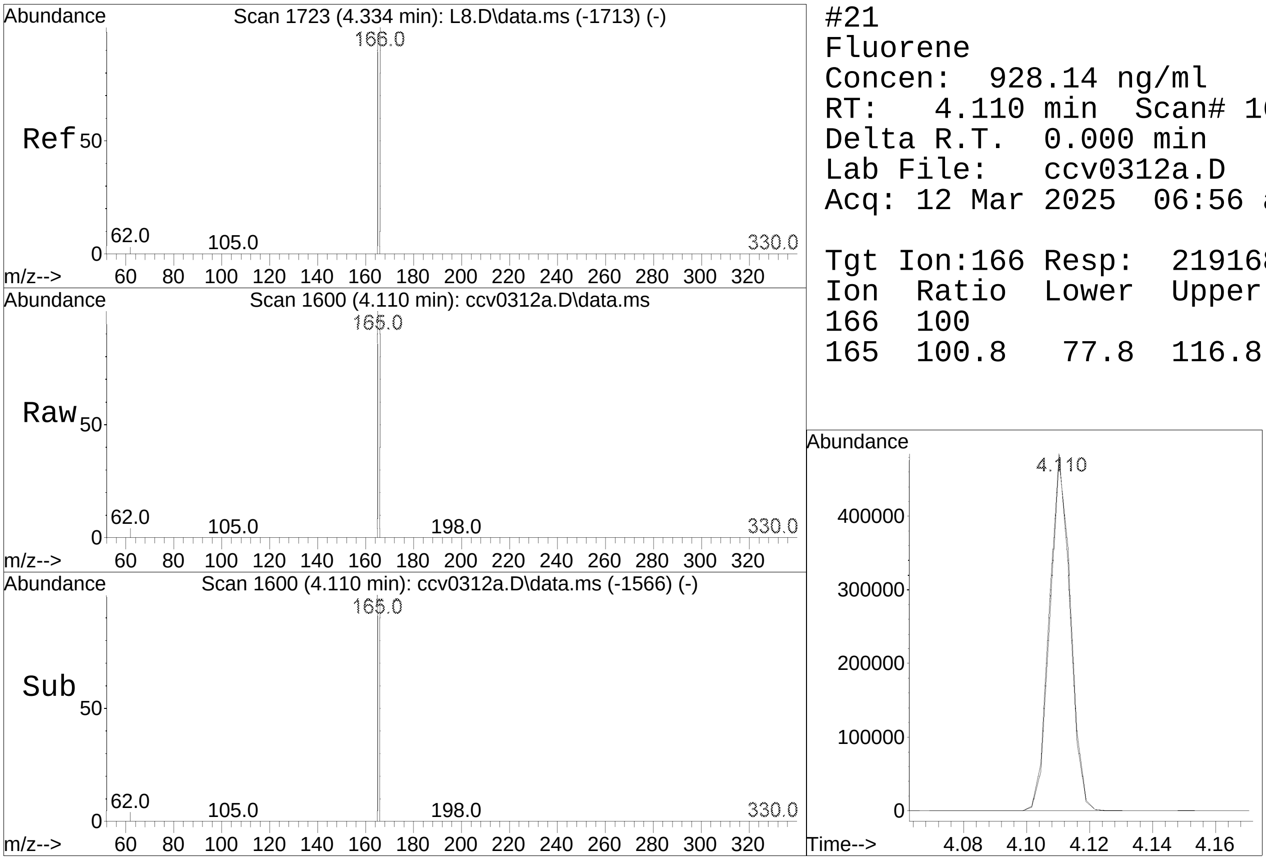


#20
2,4-Dinitrotoluene
Concen: 915.38 ng/ml
RT: 3.919 min Scan# 1509
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:165 Resp: 59848

Ion	Ratio	Lower	Upper
165	100		
89	79.6	48.7	73.1#
63	64.9	28.6	42.8#

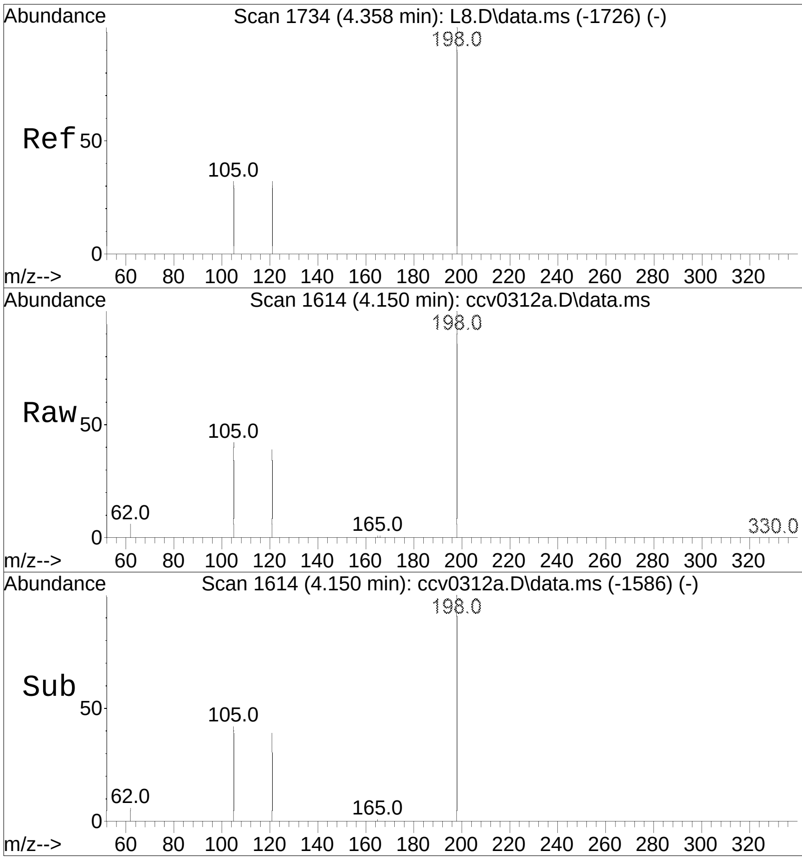




#21
Fluorene
Concen: 928.14 ng/ml
RT: 4.110 min Scan# 1600
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

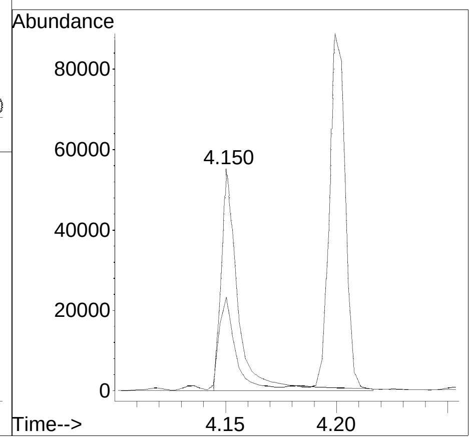
Tgt Ion:166 Resp: 219168

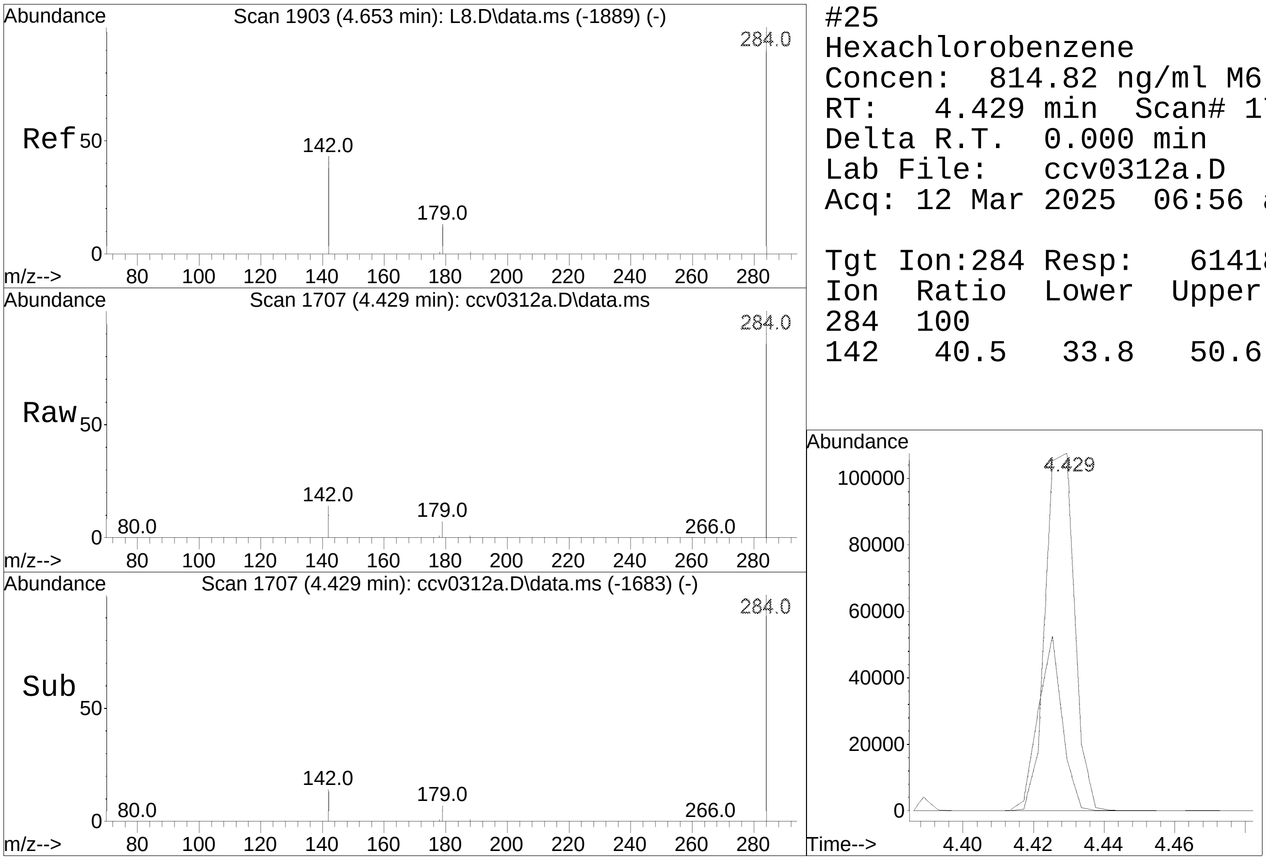
Ion	Ratio	Lower	Upper
166	100		
165	100.8	77.8	116.8



#24
4,6-Dinitro-o-cresol
Concen: 704.45 ng/ml
RT: 4.150 min Scan# 1614
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:198	Resp:		29219
Ion	Ratio	Lower	Upper
198	100		
105	39.8	30.6	45.8

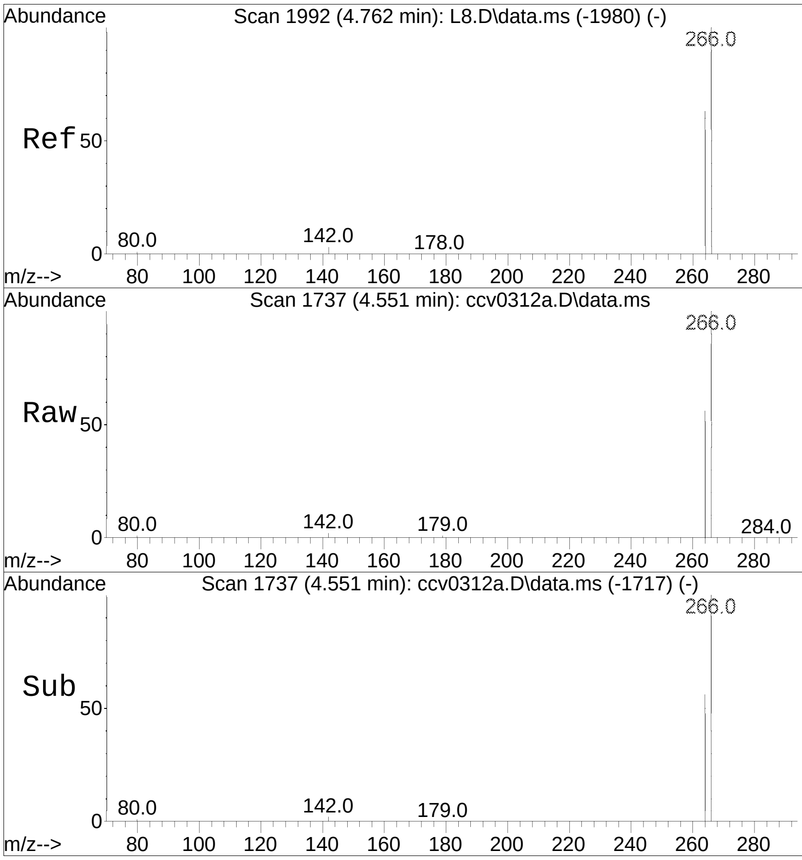




#25
Hexachlorobenzene
Concen: 814.82 ng/ml M6
RT: 4.429 min Scan# 1707
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:284 Resp: 61418

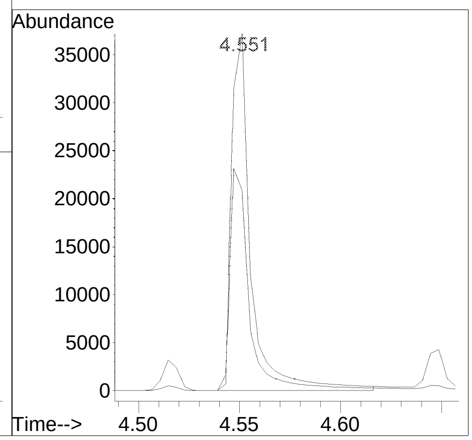
Ion	Ratio	Lower	Upper
284	100		
142	40.5	33.8	50.6

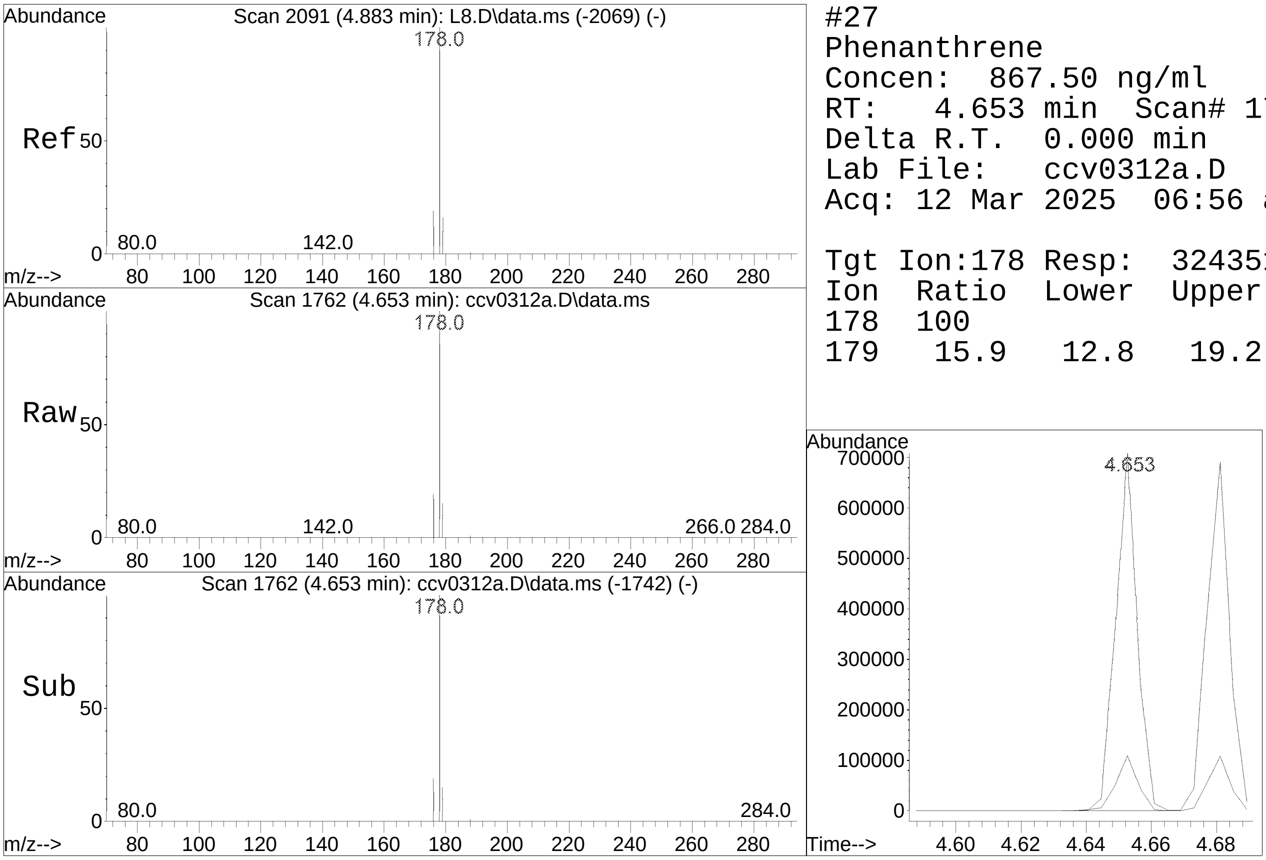


#26
Pentachlorophenol
Concen: 649.40 ng/ml
RT: 4.551 min Scan# 1737
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:266 Resp: 24359

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.8	76.2

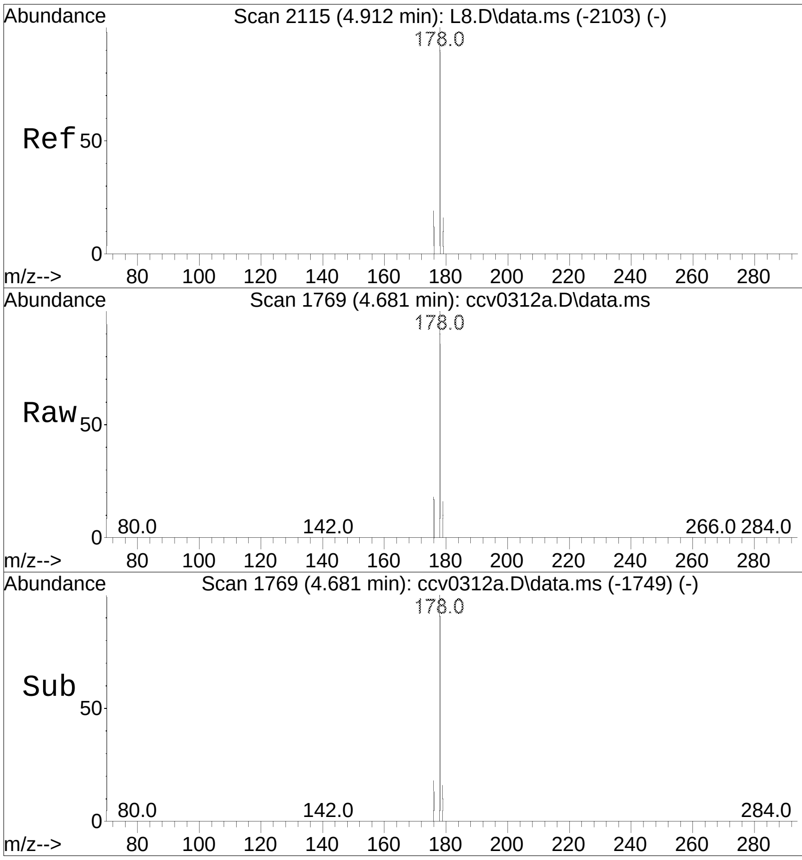




#27
Phenanthrene
Concen: 867.50 ng/ml
RT: 4.653 min Scan# 1762
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:178 Resp: 324351

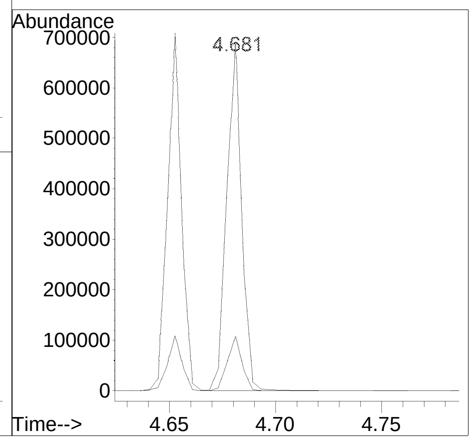
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2

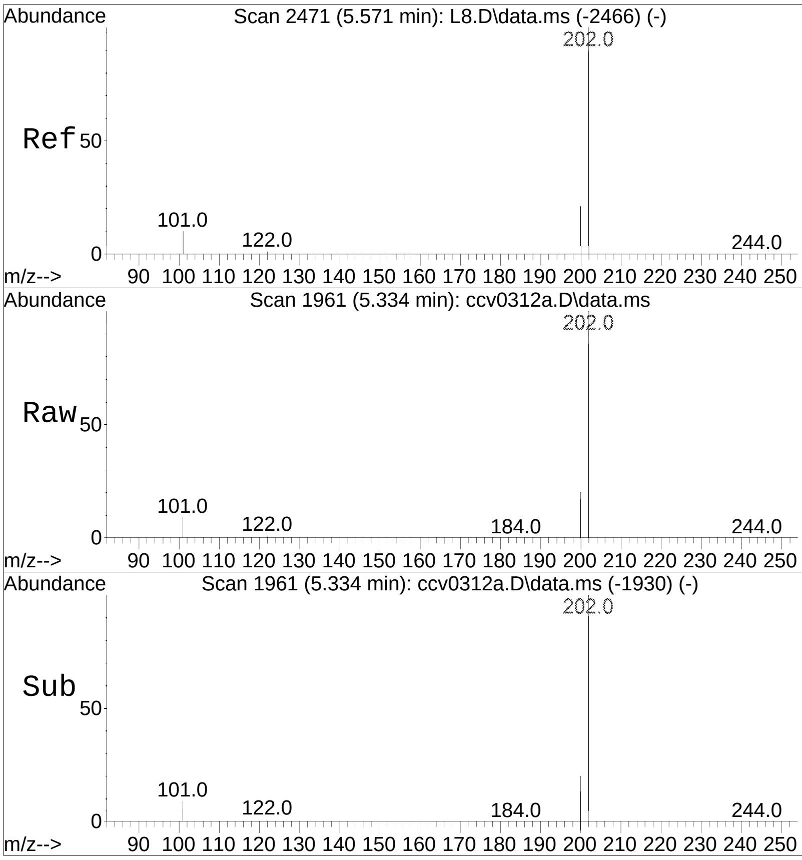


#28
Anthracene
Concen: 903.34 ng/ml
RT: 4.681 min Scan# 1769
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:178 Resp: 338631

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8

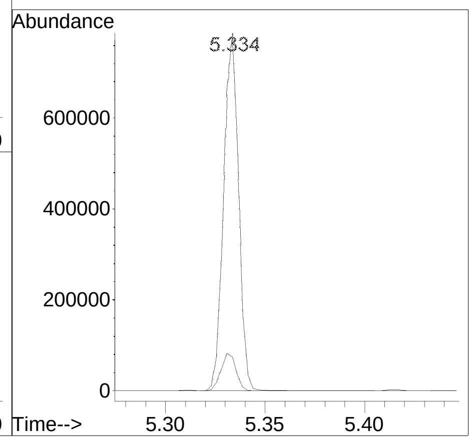


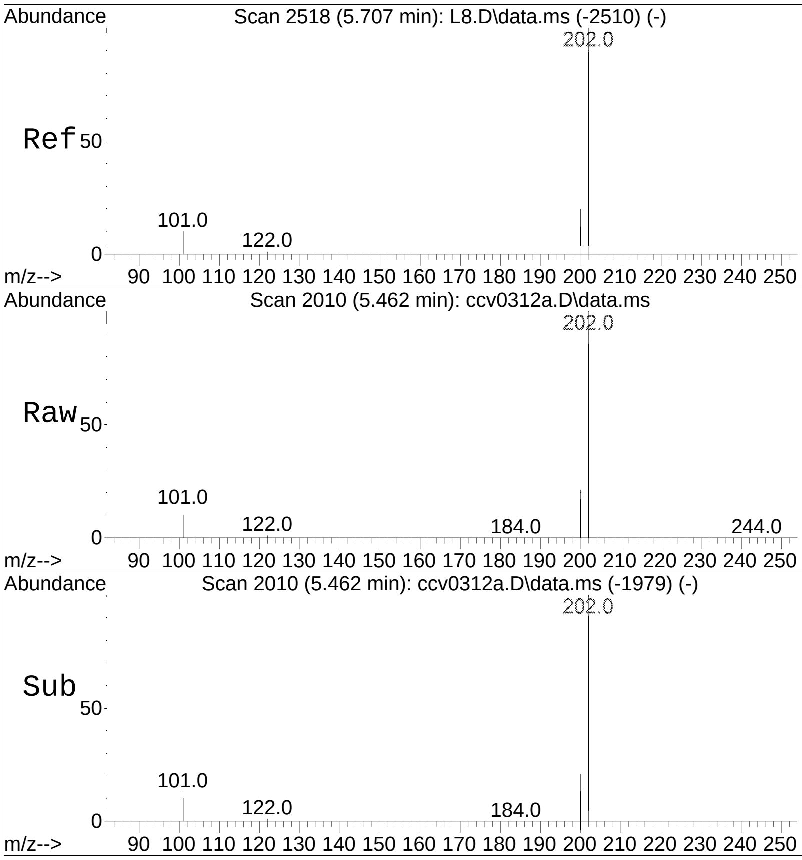


#29
Fluoranthene
Concen: 866.17 ng/ml
RT: 5.334 min Scan# 1961
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:202 Resp: 405172

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.2	12.2

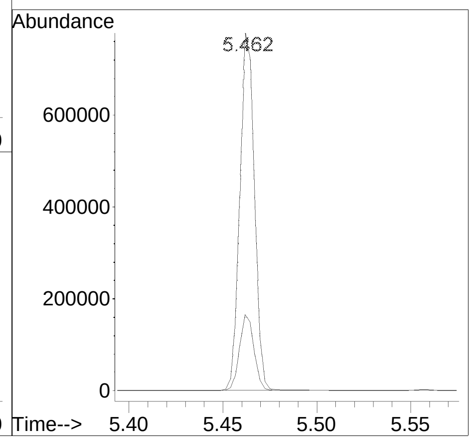


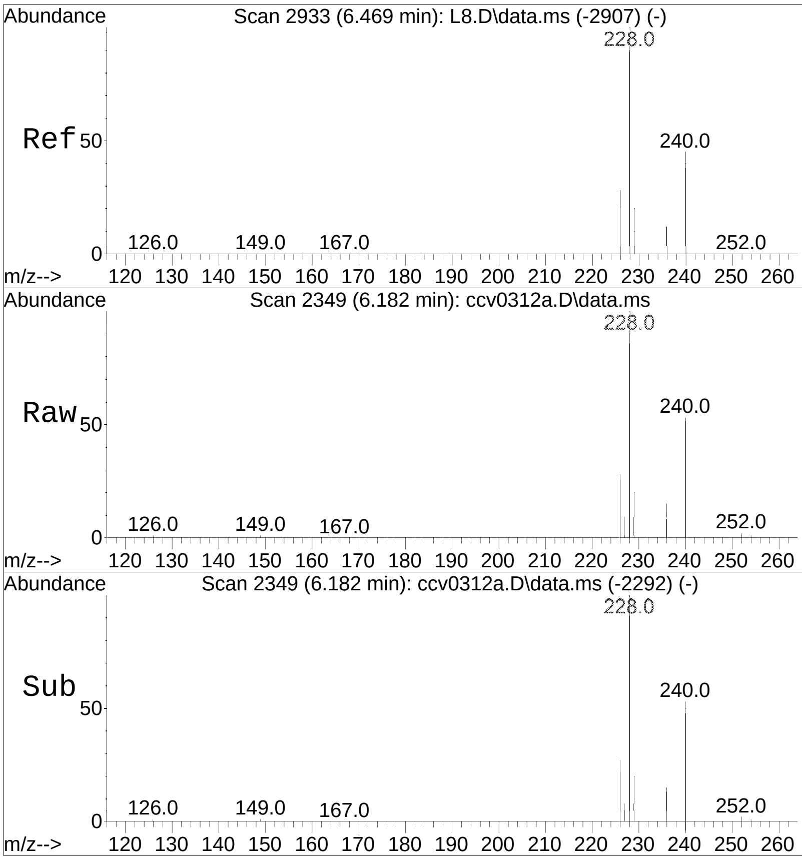


#30
Pyrene
Concen: 865.57 ng/ml
RT: 5.462 min Scan# 2010
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:202 Resp: 417922

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3

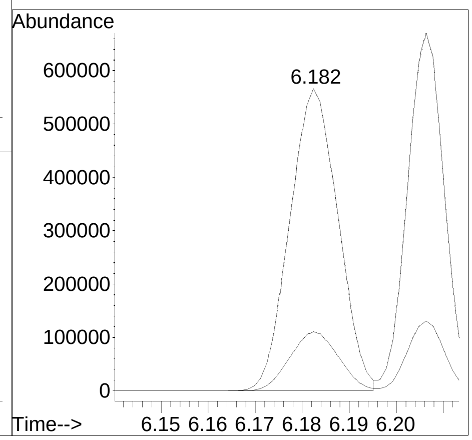


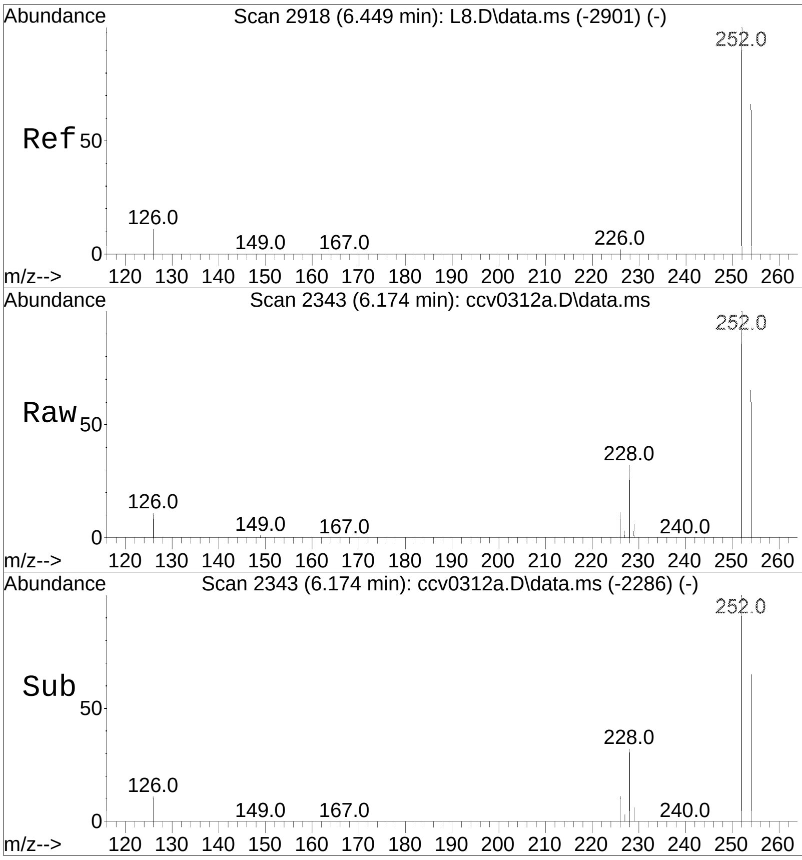


#34
Benzo[a]anthracene
Concen: 908.04 ng/ml
RT: 6.182 min Scan# 2349
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:228 Resp: 402962

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9

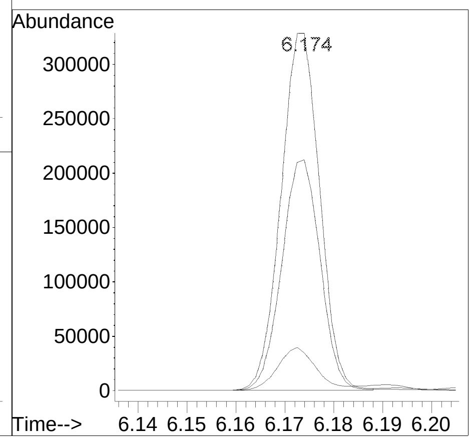


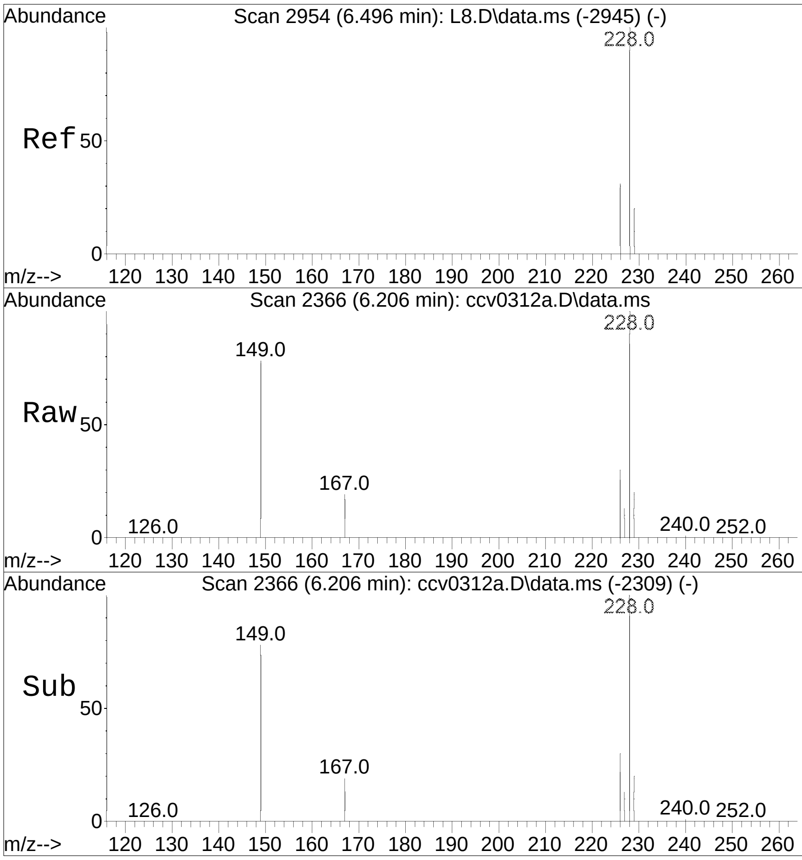


#35
3,3'-Dichlorobenzidine
Concen: 1135.77 ng/ml
RT: 6.174 min Scan# 2343
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:252 Resp: 179264

Ion	Ratio	Lower	Upper
252	100		
126	12.2	8.6	13.0
254	64.9	51.8	77.8

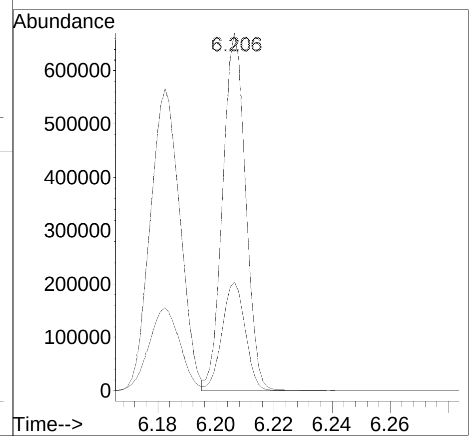


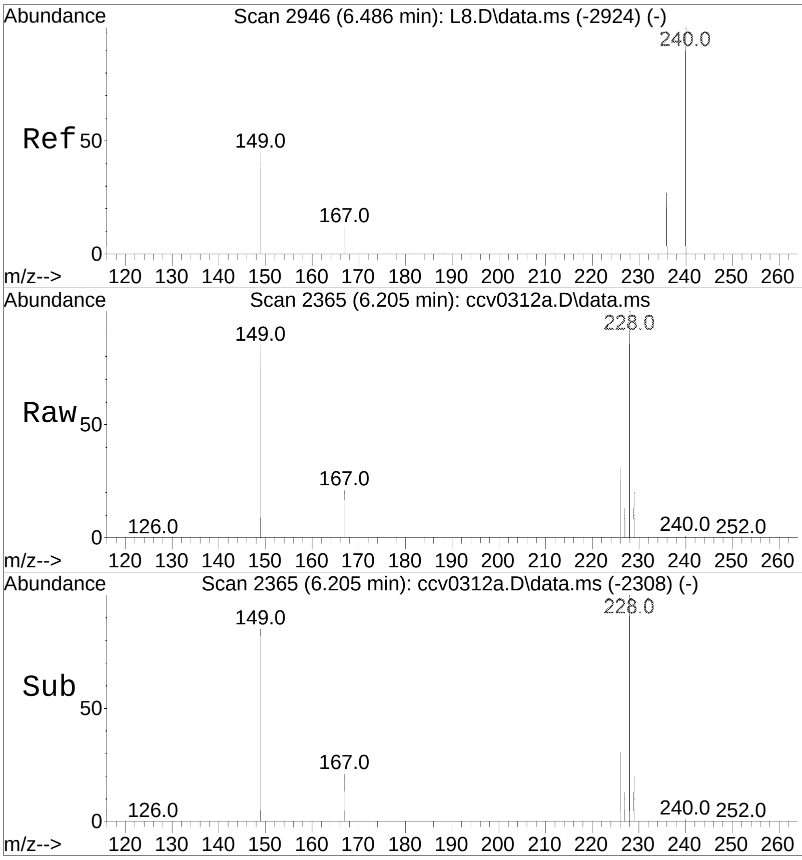


#36
Chrysene
Concen: 852.01 ng/ml
RT: 6.206 min Scan# 2366
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:228 Resp: 367227

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6

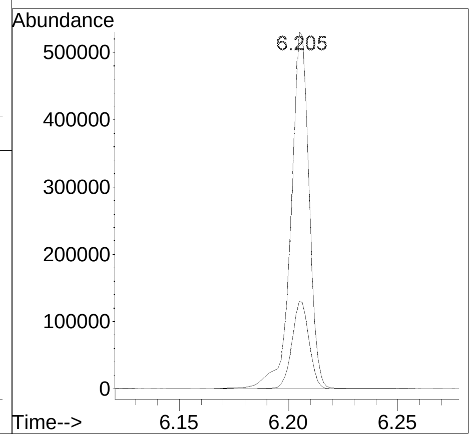


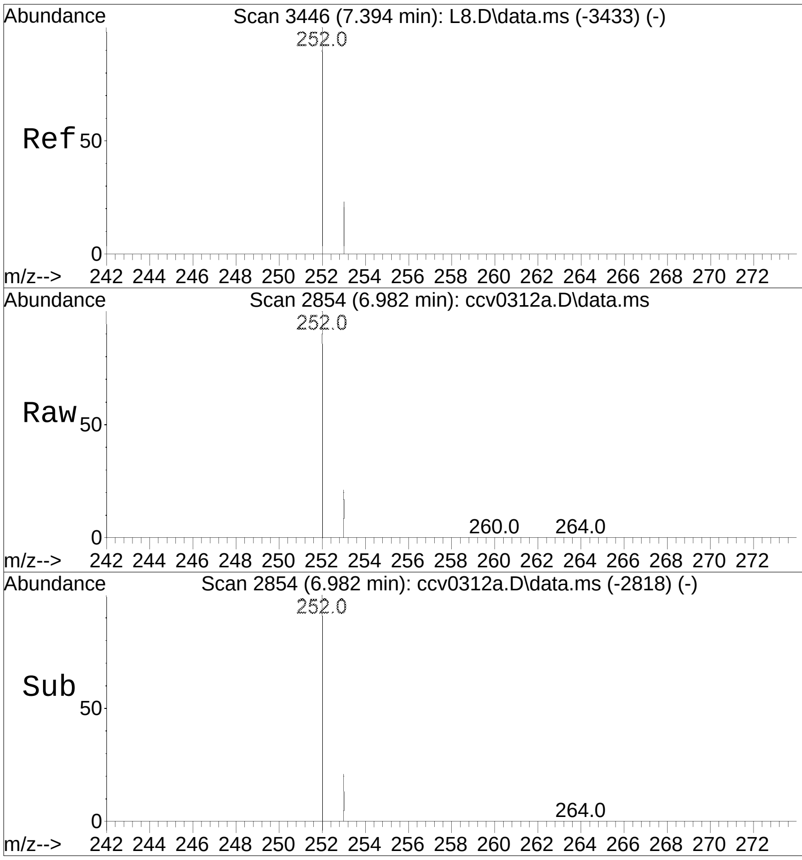


#37
Bis(2-ethylhexyl)phthalate
Concen: 1360.48 ng/ml
RT: 6.205 min Scan# 2365
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:149 Resp: 304199

Ion	Ratio	Lower	Upper
149	100		
167	23.2	20.7	31.1

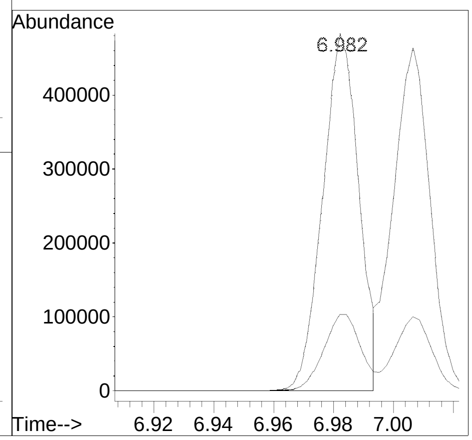


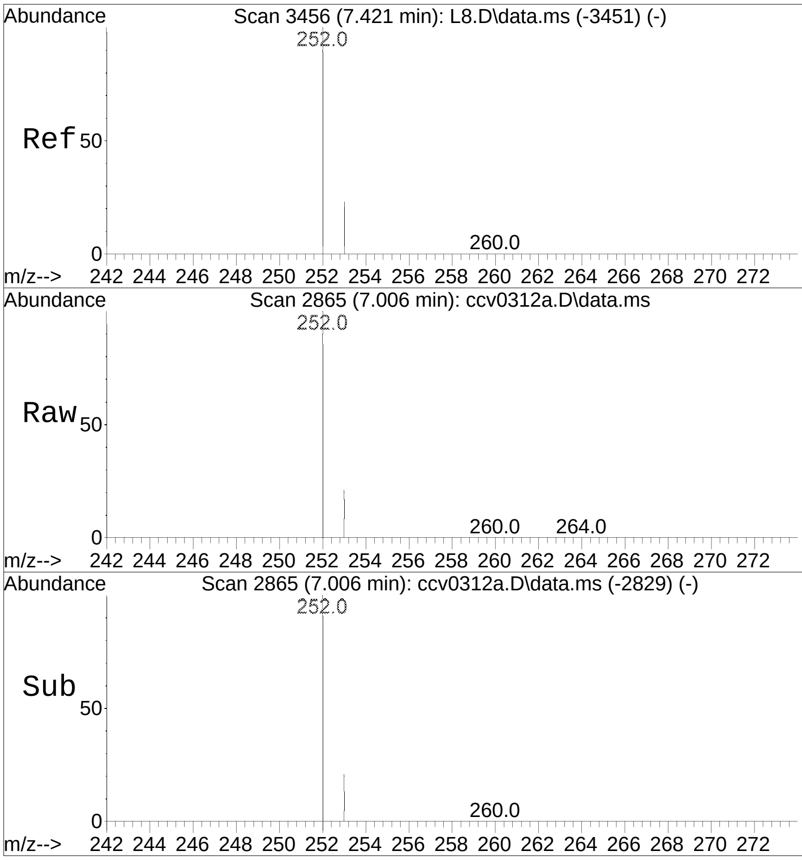


#39
Benzo[b]fluoranthene
Concen: 932.05 ng/ml
RT: 6.982 min Scan# 2854
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:252 Resp: 404891

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1

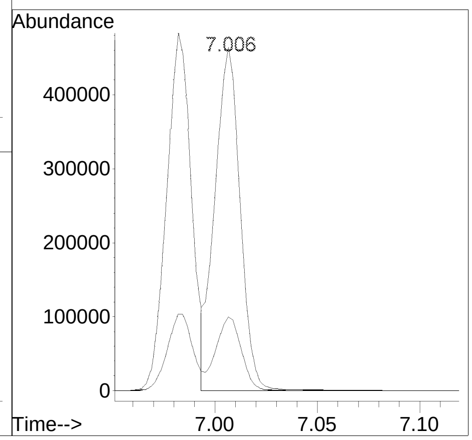


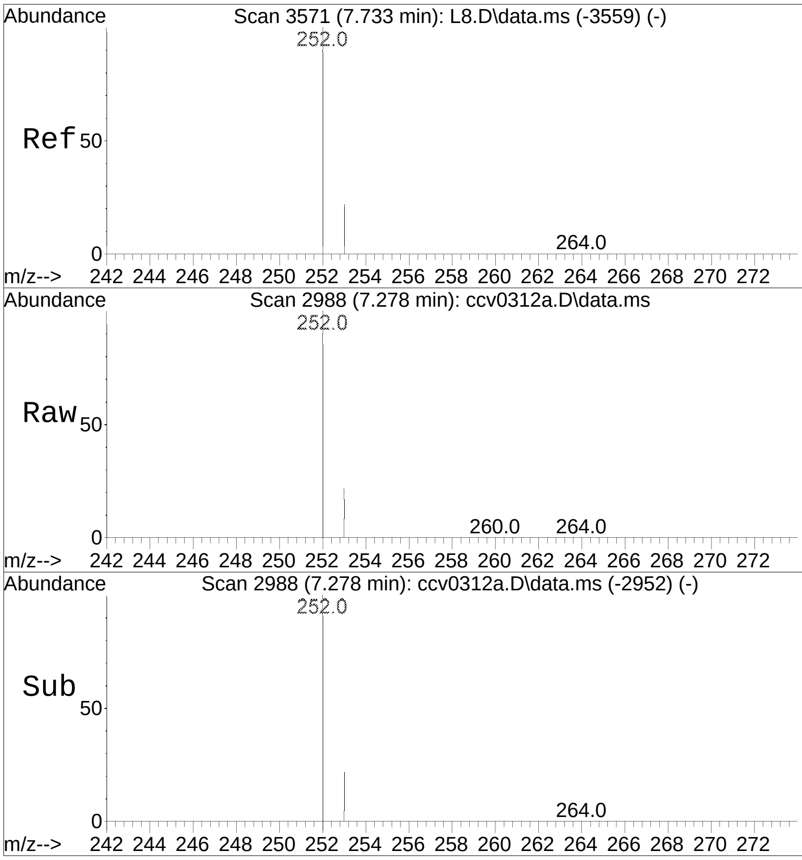


#40
Benzo[k]fluoranthene
Concen: 926.64 ng/ml
RT: 7.006 min Scan# 2865
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:252 Resp: 396959

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2

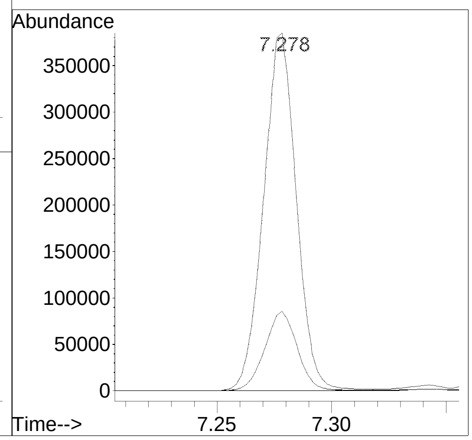


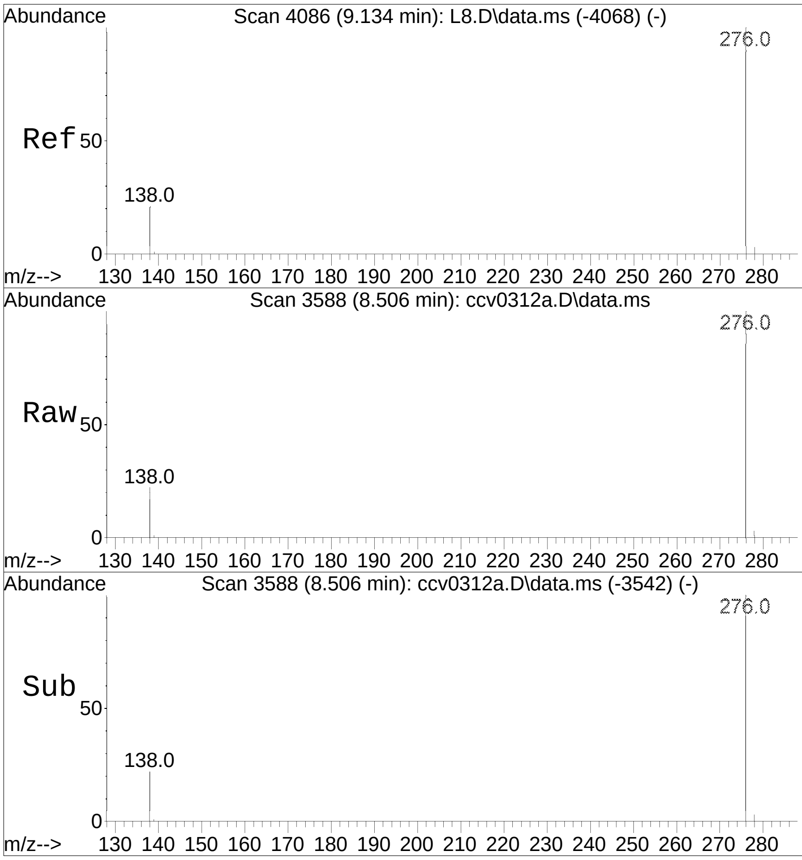


#41
Benzo[a]pyrene
Concen: 1029.46 ng/ml
RT: 7.278 min Scan# 2988
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:252 Resp: 379466

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9

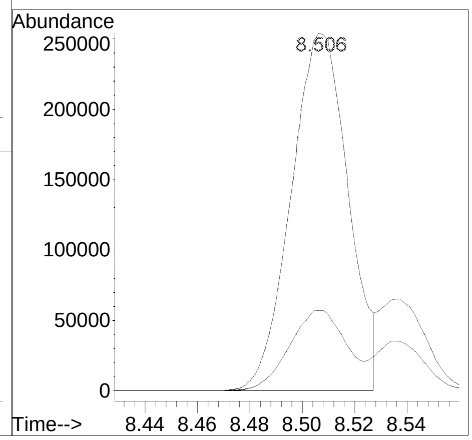


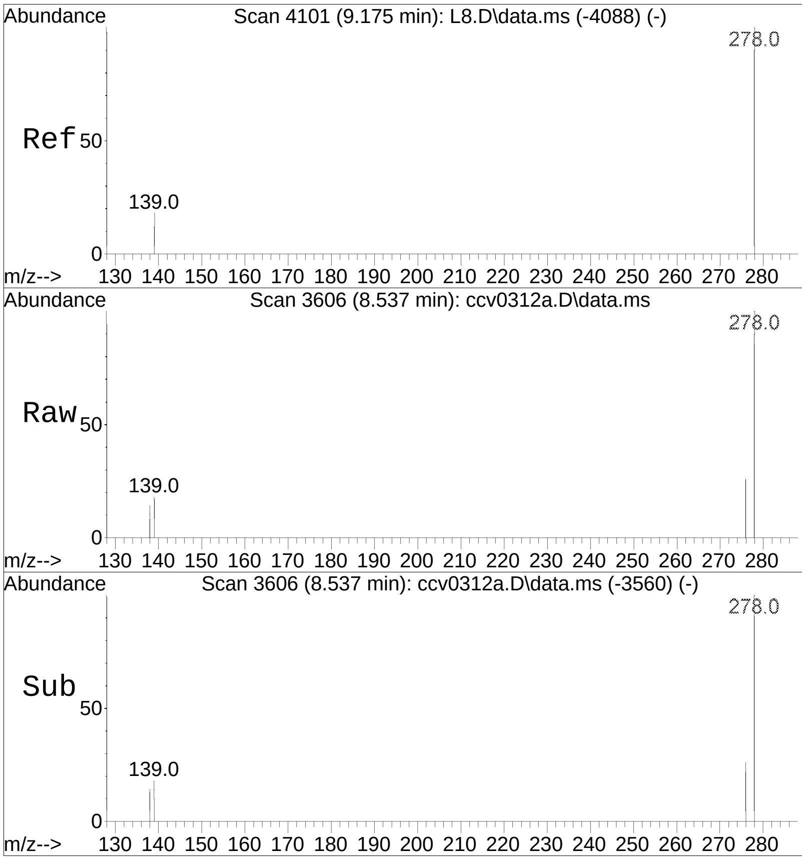


#42
Indeno[1,2,3-cd]pyrene
Concen: 1069.48 ng/ml
RT: 8.506 min Scan# 3588
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:276 Resp: 381651

Ion	Ratio	Lower	Upper
276	100		
138	22.4	16.9	25.3

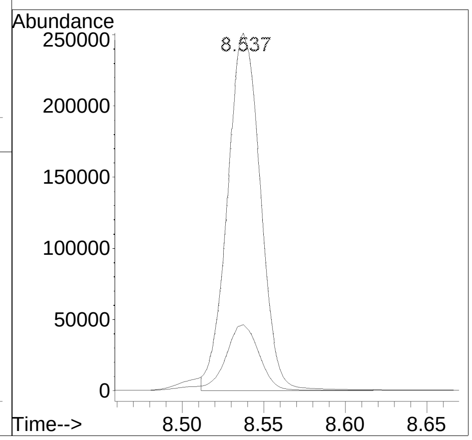


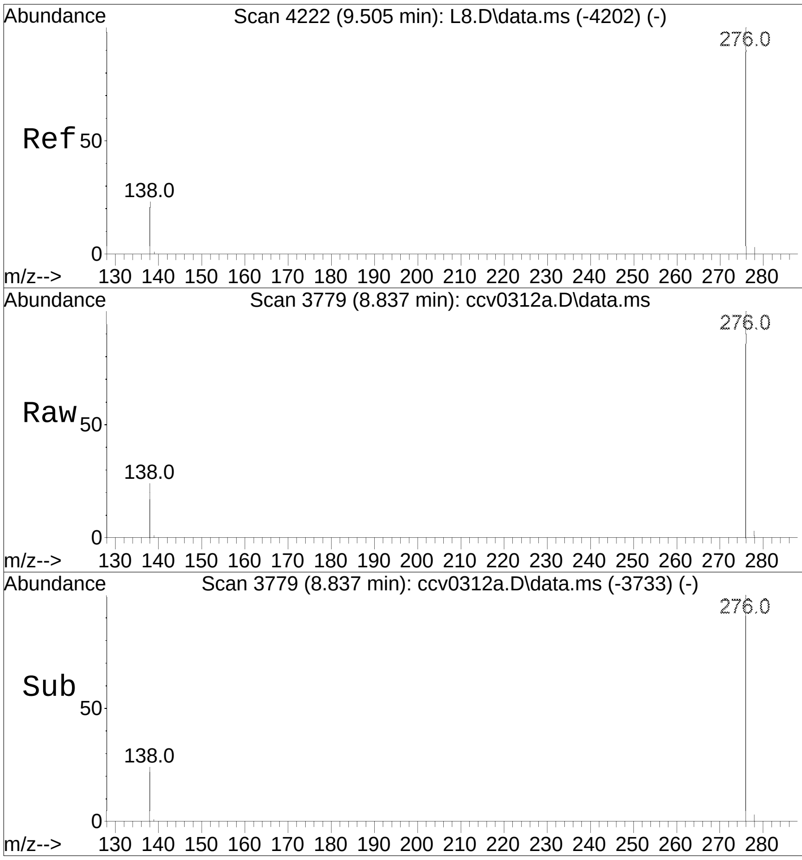


#43
Dibenzo[a,h]anthracene
Concen: 1065.43 ng/ml M6
RT: 8.537 min Scan# 3606
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:278 Resp: 352711

Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.6	22.0

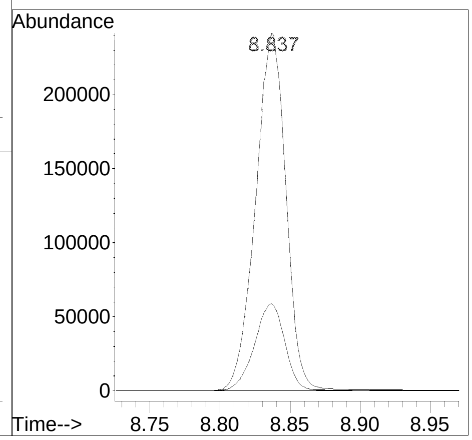




#44
Benzo[g,h,i]perylene
Concen: 1060.30 ng/ml
RT: 8.837 min Scan# 3779
Delta R.T. 0.000 min
Lab File: ccv0312a.D
Acq: 12 Mar 2025 06:56 am

Tgt Ion:276 Resp: 360132

Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.6	28.0

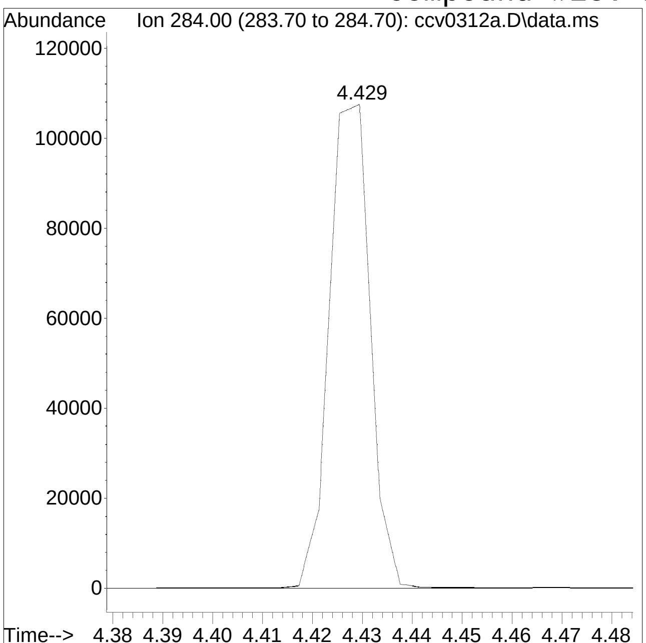


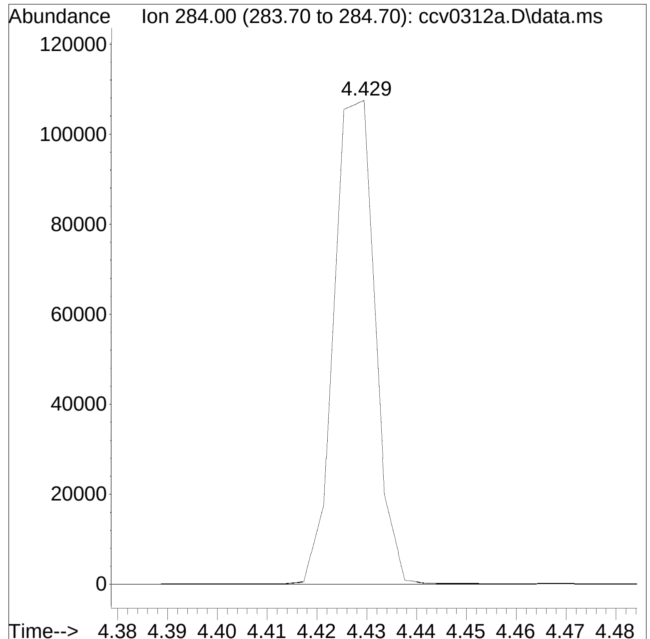
Manual Integration Report

Data Path : I:\8270SIM\sv119\250312RVTQ
Data File : ccv0312a.D
Date Inj'd : 3/12/2025 6:56 am
Sample : wg2039433-3,32,,ICV 11275

Method : SIM-RVT_241229_sv119.M
Operator : sv119:kmh
Instrument : SV119
Quant Date : 3/12/2025 7:11 am

Compound #25: Hexachlorobenzene





Original Peak Response = 61505

Manual Peak Response = 61418 M6

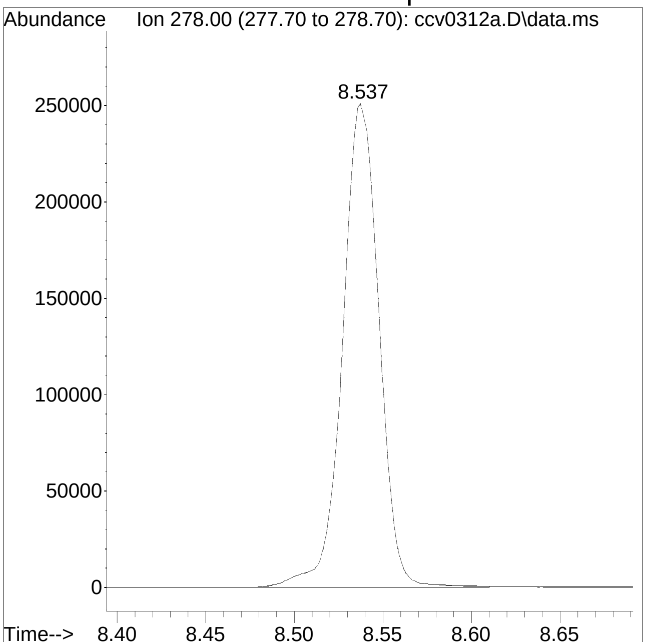
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

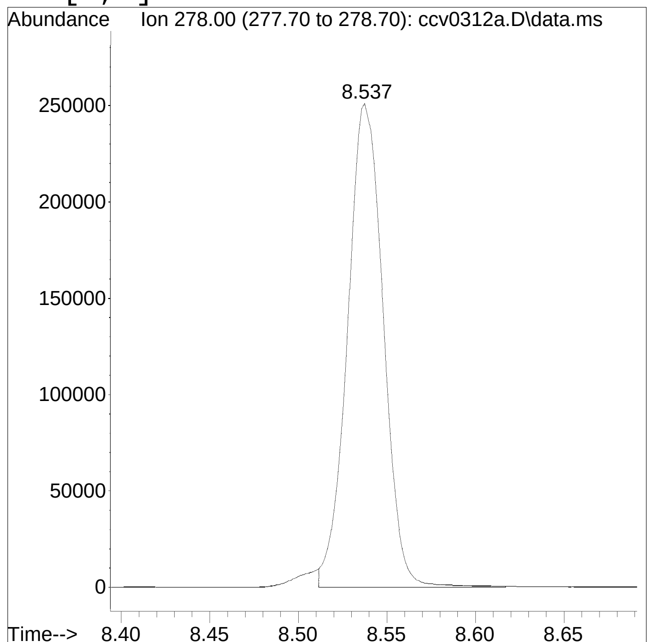
Manual Integration Report

Data Path : I:\8270SIM\sv119\250312RVTQ
Data File : ccv0312a.D
Date Inj'd : 3/12/2025 6:56 am
Sample : wg2039433-3,32,,ICV 11275

Method : SIM-RVT_241229_sv119.M
Operator : sv119:kmh
Instrument : SV119
Quant Date : 3/12/2025 7:11 am

Compound #43: Dibenzo[a,h]anthracene





Original Peak Response = 360263

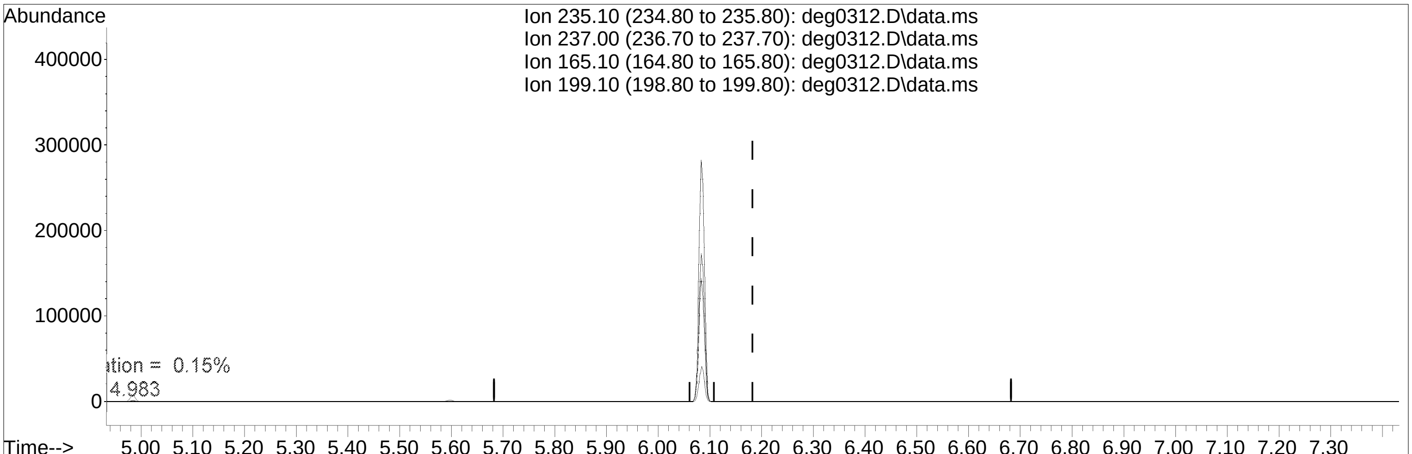
Manual Peak Response = 352711 M6

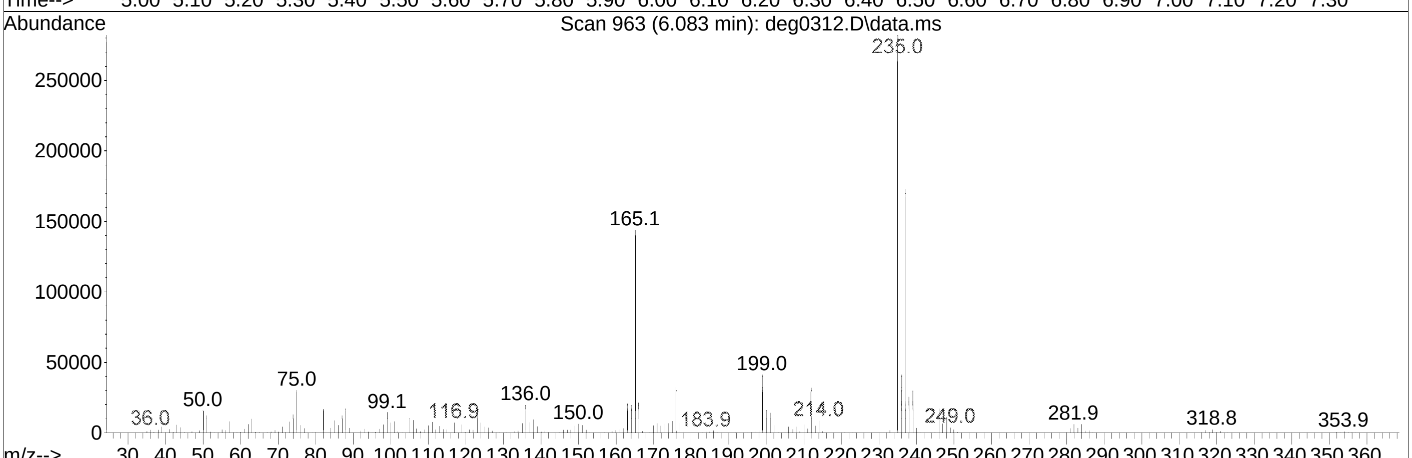
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : deg0312.D
Acq On : 12 Mar 2025 06:22 am
Operator : sv119:kmh
Sample : wg2039433-2,32,,dftpp SV119 lot# 11462
Misc : wg2039433,,ical21826
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 12 06:35:54 2025
Quant Method : I:\8270SIM\sv119\250312RVT\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 31 09:20:30 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools™ [wg2039433-2,32,,dftpp SV119 lot# 11462]

(6) ddt (T)

6.083min (-0.100) 33.04

response 201404

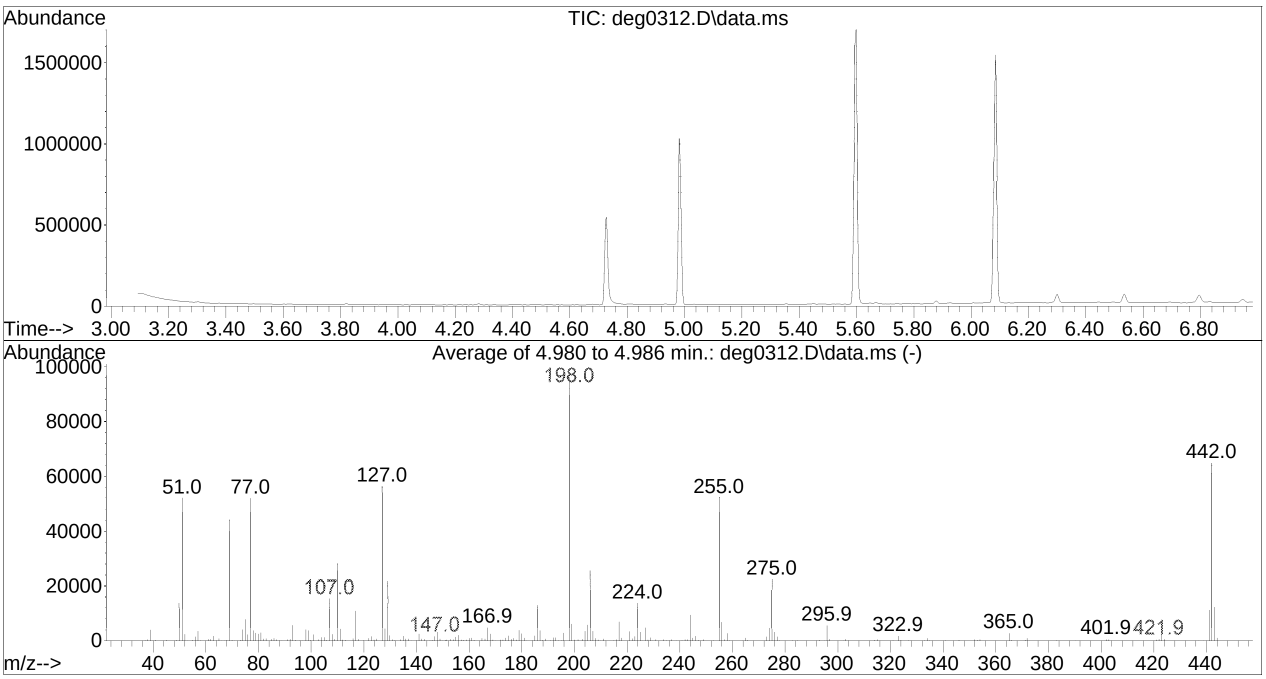
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.60	62.31
165.10	53.30	50.58
199.10	17.10	14.40

DFTPP

```
Data Path : I:\8270SIM\sv119\250312RVT\
Data File : deg0312.D
Acq On    : 12 Mar 2025  06:22 am
Operator  : sv119:kmh
Sample    : wg2039433-1,32,,dftpp SV119 lot# 11462
Misc      : wg2039433,,ical21826
ALS Vial  : 48   Sample Multiplier: 1

Integration File: rteint.p

Method    : I:\8270sim\sv119\250312RVT\SIM-RVT_241229_sv119.M
Title     : Semivolatiles by GC/MS by modified 8270
Last Update  : Wed Mar 12 07:11:48 2025
```



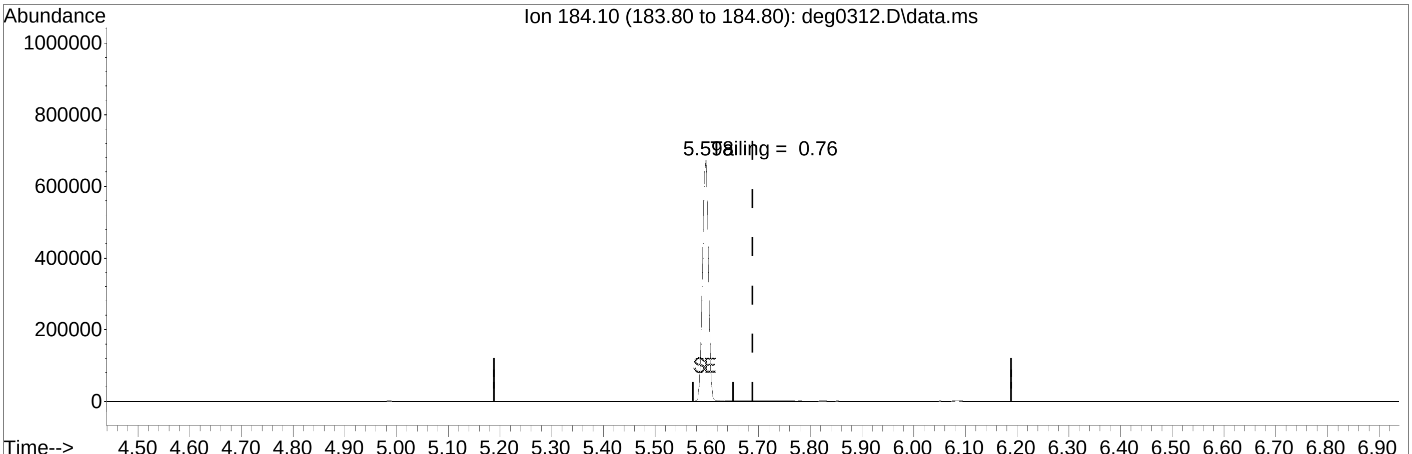
Spectrum Information: Average of 4.980 to 4.986 min.

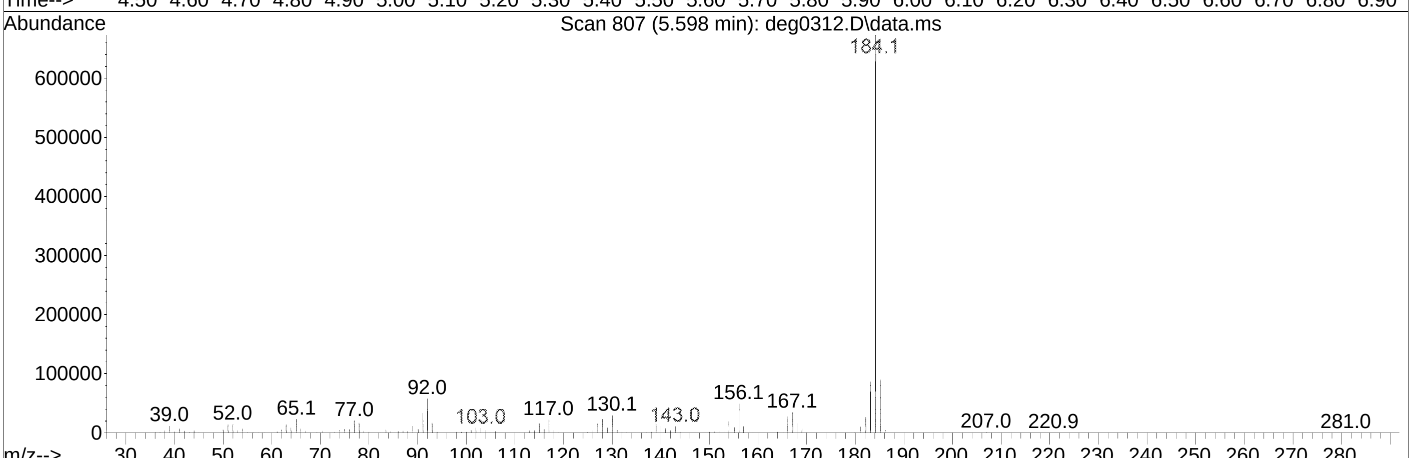
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	54.0	51928	PASS
68	69	0.00	2	0.9	391	PASS
69	69	100	100	100.0	44195	PASS
70	69	0.00	2	0.8	350	PASS
127	198	10	80	58.6	56352	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	96200	PASS
199	198	5	9	6.4	6160	PASS
275	198	10	60	23.2	22349	PASS
365	198	1	100	3.0	2850	PASS
441	442	0.01	24	17.2	11124	PASS
442	198	50	100	67.4	64824	PASS
443	442	15	24	18.9	12234	PASS

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : deg0312.D
Acq On : 12 Mar 2025 06:22 am
Operator : sv119:kmh
Sample : wg2039433-4,32,,dftpp SV119 lot# 11462
Misc : wg2039433,,ical21826
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 12 06:35:54 2025
Quant Method : I:\8270SIM\sv119\250312RVT\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 31 09:20:30 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools™ [wg2039433-4,32,,dftpp SV119 lot# 11462]

(3) benzidine (T)

5.598min (-0.091) 49.44

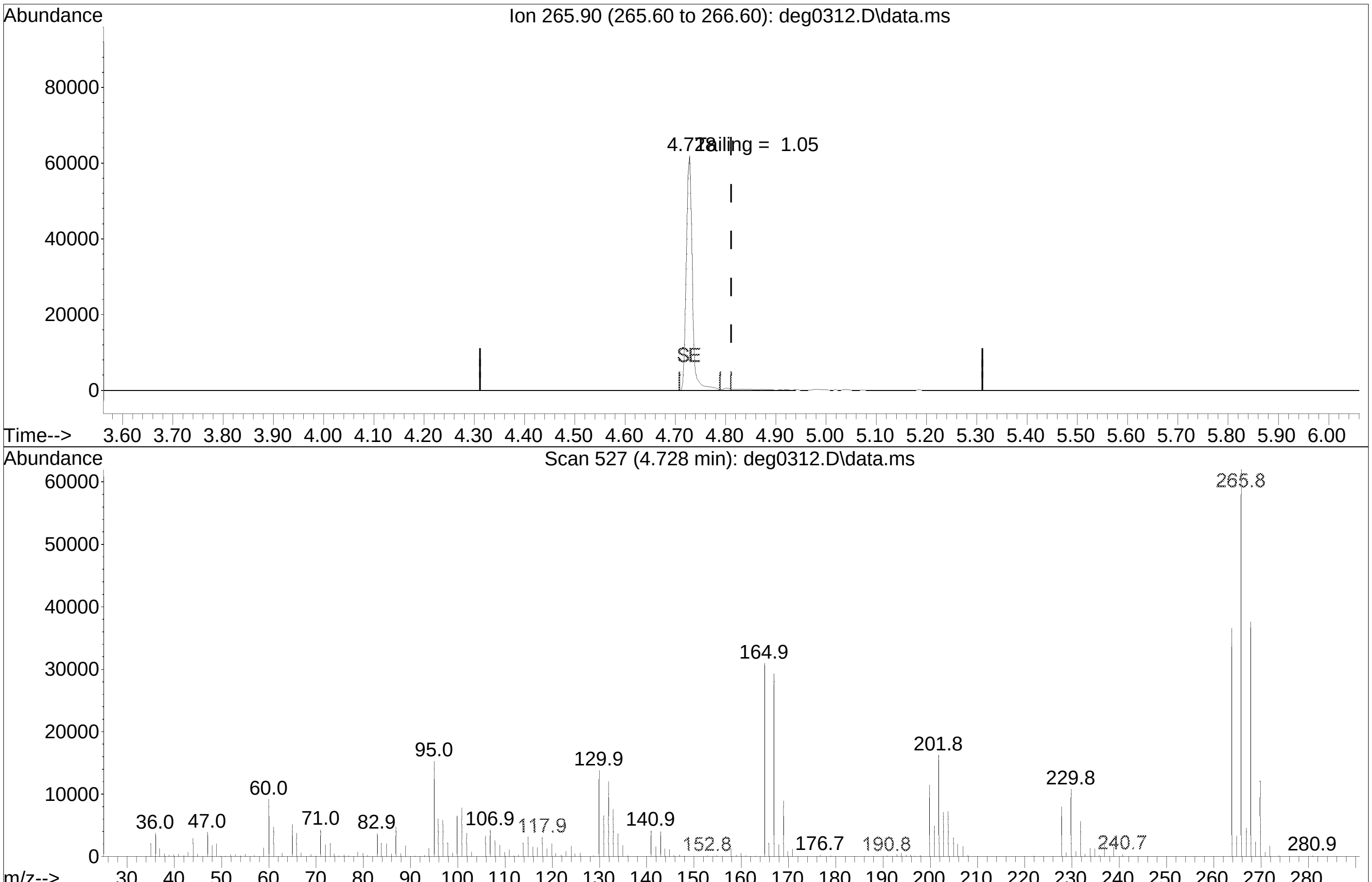
response 503316

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270SIM\sv119\250312RVT\
Data File : deg0312.D
Acq On : 12 Mar 2025 06:22 am
Operator : sv119:kmh
Sample : wg2039433-5,32,,dftpp SV119 lot# 11462
Misc : wg2039433,,ical21826
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 12 06:35:54 2025
Quant Method : I:\8270SIM\sv119\250312RVT\dftppsv119.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 31 09:20:30 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D



CHROMtools T[wg2039433-5,32,,dftpp SV119 lot# 11462]

(1) pentachlorophenol (T)

4.728min (-0.084) 23.66

response 49704

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

dftppsv119.m Wed Mar 12 08:41:33 2025 Page: 1

Semivolatiles Raw QC Data

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-1.D
Acq On    : 11 Mar 2025  05:13 pm
Operator  : sv119:rp
Sample    : WG2038209-1,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 25   Sample Multiplier: 1

Quant Time: Mar 11 18:38:20 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4      2.214  152    367147   4000.000 ng/ml    0.00
   Standard Area 1 = 325676                 Recovery   =  112.73%
 9) Naphthalene-d8              2.863  136   1403293   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929                 Recovery   =  114.47%
18) Acenaphthene-d10            3.829  164    769884   4000.000 ng/ml    0.00
   Standard Area 1 = 688151                 Recovery   =  111.88%
23) Phenanthrene-d10            4.666  188   1377388   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915                 Recovery   =   97.62%
33) Chrysene-d12                6.246  240   1236844   4000.000 ng/ml    0.00
   Standard Area 1 = 1283861                 Recovery   =   96.34%
38) Perylene-d12                7.436  264   1309895   4000.000 ng/ml    0.00
   Standard Area 1 = 1327611                 Recovery   =   98.67%

 System Monitoring Compounds
 3) 2-Fluorophenol              1.687  112     80083   814.078 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   40.70%
 4) Phenol-d6                   2.086   99     77264M3   629.284 ng/ml   0.05

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   31.46%
 8) Nitrobenzene-d5             2.492   82     98916   830.789 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   83.08%
14) 2-Fluorobiphenyl            3.452  172    252130   736.822 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   73.68%
22) 2,4,6-Tribromophenol        4.283  330     44667   1329.315 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   66.47%
32) 4-Terphenyl-d14             5.597  244    253780   742.703 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   74.27%

 Target Compounds                                                  Qvalue
 7) Hexachloroethane           0.000                 0       N.D. d
10) Naphthalene                0.000                 0       N.D. d
11) Hexachlorobutadiene        0.000                 0       N.D. d
12) 2-Methylnaphthalene        0.000                 0       N.D. d
15) 2-Chloronaphthalene        0.000                 0       N.D. d
17) Acenaphthylene             0.000                 0       N.D. d
19) Acenaphthene               0.000                 0       N.D. d
21) Fluorene                   0.000                 0       N.D. d
25) Hexachlorobenzene          4.455  284        159      1.958 ng/ml     87
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-1.D
Acq On : 11 Mar 2025 05:13 pm
Operator : sv119:rp
Sample : WG2038209-1,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 11 18:38:20 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Pentachlorophenol	0.000		0	N.D. d	
27) Phenanthrene	0.000		0	N.D. d	
28) Anthracene	0.000		0	N.D. d	
29) Fluoranthene	0.000		0	N.D. d	
30) Pyrene	0.000		0	N.D. d	
34) Benzo[a]anthracene	0.000		0	N.D. d	
36) Chrysene	0.000		0	N.D. d	
39) Benzo[b]fluoranthene	0.000		0	N.D. d	
40) Benzo[k]fluoranthene	0.000		0	N.D. d	
41) Benzo[a]pyrene	0.000		0	N.D. d	
42) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
43) Dibenzo[a,h]anthracene	0.000		0	N.D. d	
44) Benzo[g,h,i]perylene	0.000		0	N.D. d	

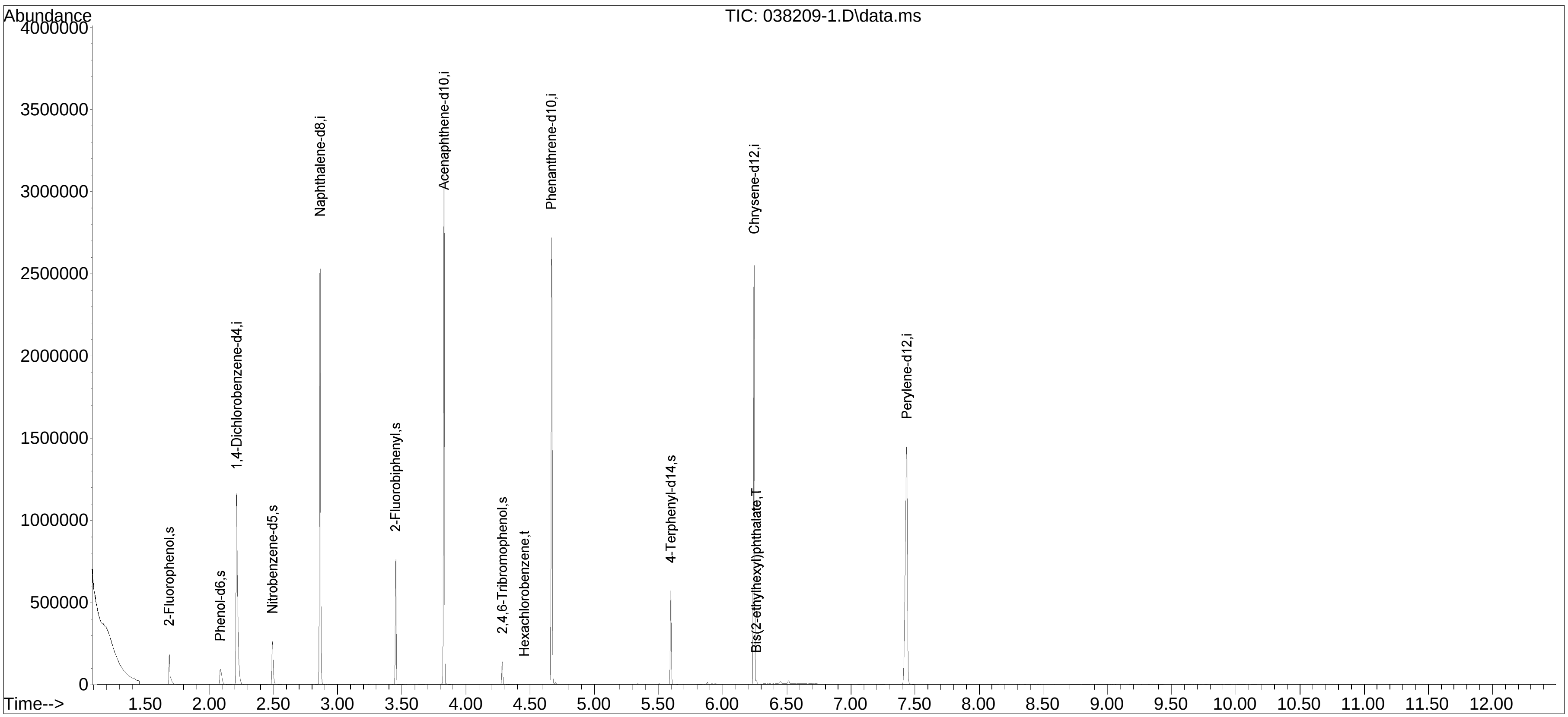
(#) = qualifier out of range (m) = manual integration (+) = signals summed

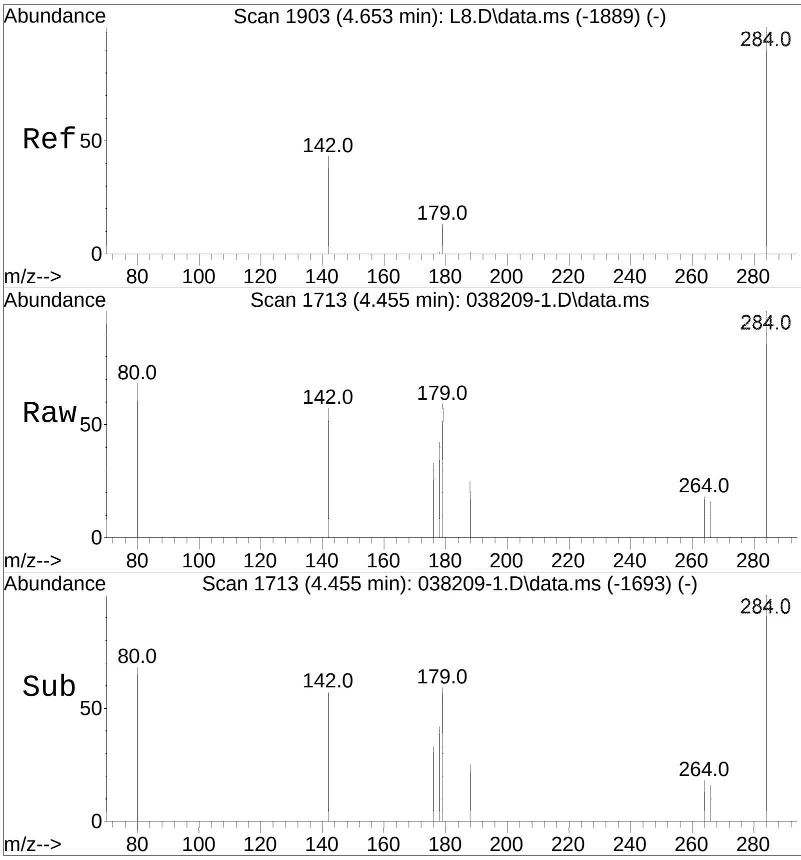
Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-1.D
Acq On   : 11 Mar 2025 05:13 pm
Operator : sv119:rp
Sample   : WG2038209-1,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 25   Sample Multiplier: 1

Quant Time: Mar 11 18:38:20 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listedT\ccv0311b.D•

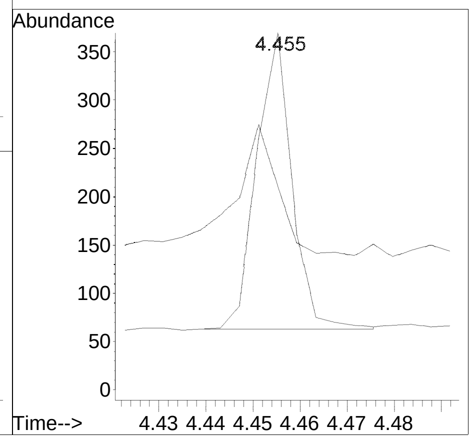




#25
Hexachlorobenzene
Concen: 1.96 ng/ml
RT: 4.455 min Scan# 1713
Delta R.T. -0.002 min
Lab File: 038209-1.D
Acq: 11 Mar 2025 05:13 pm

Tgt Ion:284 Resp: 159

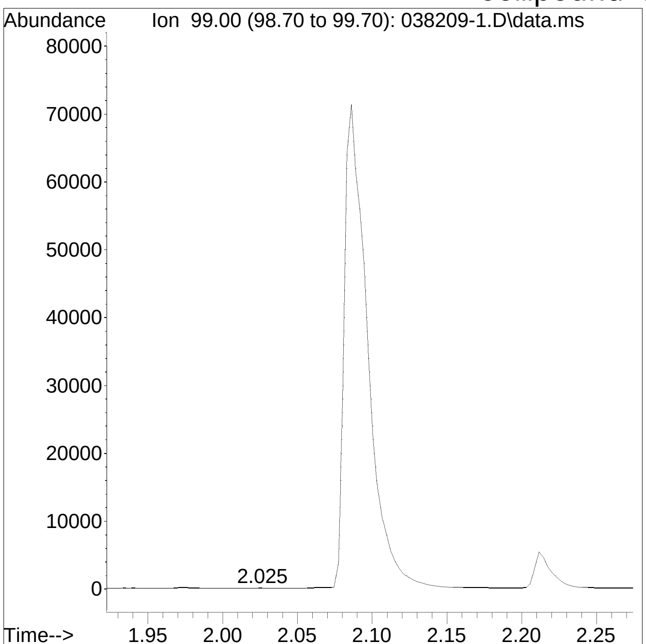
Ion	Ratio	Lower	Upper
284	100		
142	50.3	33.8	50.6

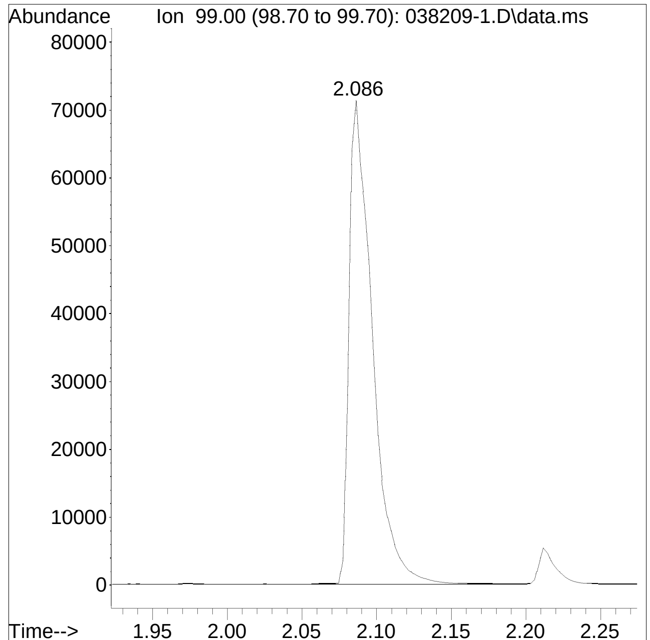


Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQMethod : SIM-RVT_241229_sv119.M
Data File : 038209-1.D Operator : sv119:rp
Date Inj'd : 3/11/2025 5:13 pm Instrument : SV119
Sample : WG2038209-1,32,,kmh Quant Date : 3/11/2025 5:27 pm

Compound #4: Phenol-d6





Original Peak Response = 64 Manual Peak Response = 77264 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-2.D
Acq On : 11 Mar 2025 04:39 pm
Operator : sv119:rp
Sample : WG2038209-2,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 11 18:42:54 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.214	152	355330	4000.000	ng/ml	0.00
Standard Area 1 = 325676			Recovery	= 109.11%		
9) Naphthalene-d8	2.862	136	1377596	4000.000	ng/ml	0.00
Standard Area 1 = 1225929			Recovery	= 112.37%		
18) Acenaphthene-d10	3.831	164	713764	4000.000	ng/ml	0.00
Standard Area 1 = 688151			Recovery	= 103.72%		
23) Phenanthrene-d10	4.669	188	1240963	4000.000	ng/ml	0.00
Standard Area 1 = 1410915			Recovery	= 87.95%		
33) Chrysene-d12	6.251	240	979906	4000.000	ng/ml	0.00
Standard Area 1 = 1283861			Recovery	= 76.32%		
38) Perylene-d12	7.442	264	1187399	4000.000	ng/ml	0.00
Standard Area 1 = 1327611			Recovery	= 89.44%		
System Monitoring Compounds						
3) 2-Fluorophenol	1.693	112	120758	1268.380	ng/ml	0.04
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 63.42%		
4) Phenol-d6	2.086	99	105744M3	889.883	ng/ml	0.05
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 44.49%		
8) Nitrobenzene-d5	2.492	82	121717	1056.291	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 105.63%		
14) 2-Fluorobiphenyl	3.451	172	294285	876.057	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 87.61%		
22) 2,4,6-Tribromophenol	4.282	330	58135	1866.163	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 93.31%		
32) 4-Terphenyl-d14	5.598	244	262136	851.495	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 85.15%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Hexachloroethane	2.460	117	53070	1152.288	ng/ml	96
10) Naphthalene	2.874	128	630640	1641.390	ng/ml	100
11) Hexachlorobutadiene	2.941	225	86332	1276.828	ng/ml	100
12) 2-Methylnaphthalene	3.248	142	389886	1452.136	ng/ml	98
15) 2-Chloronaphthalene	3.518	162	432486	1559.652	ng/ml#	86
17) Acenaphthylene	3.749	152	739397	1721.803	ng/ml	99
19) Acenaphthene	3.847	153	450388	1891.974	ng/ml	94
21) Fluorene	4.139	166	529674	1936.650	ng/ml	98
25) Hexachlorobenzene	4.454	284	153115	2093.209	ng/ml	95

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-2.D
Acq On : 11 Mar 2025 04:39 pm
Operator : sv119:rp
Sample : WG2038209-2,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 11 18:42:54 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Pentachlorophenol	4.583	266	75824	1947.978	ng/ml	100
27) Phenanthrene	4.681	178	730253	2012.610	ng/ml	99
28) Anthracene	4.709	178	740794	2036.350	ng/ml	100
29) Fluoranthene	5.370	202	828926	1826.037	ng/ml	98
30) Pyrene	5.504	202	837748	1787.921	ng/ml	100
34) Benzo[a]anthracene	6.243	228	759675	2197.866	ng/ml	100
36) Chrysene	6.267	228	695513	2061.446	ng/ml	100
39) Benzo[b]fluoranthene	7.073	252	868733	2207.566	ng/ml	98
40) Benzo[k]fluoranthene	7.097	252	774116	1994.788	ng/ml	99
41) Benzo[a]pyrene	7.380	252	774006	2317.962	ng/ml	99
42) Indeno[1,2,3-cd]pyrene	8.641	276	919196	2843.415	ng/ml	97
43) Dibenzo[a,h]anthracene	8.672	278	815411M6	2719.006	ng/ml	
44) Benzo[g,h,i]perylene	8.976	276	851348	2766.958	ng/ml	97

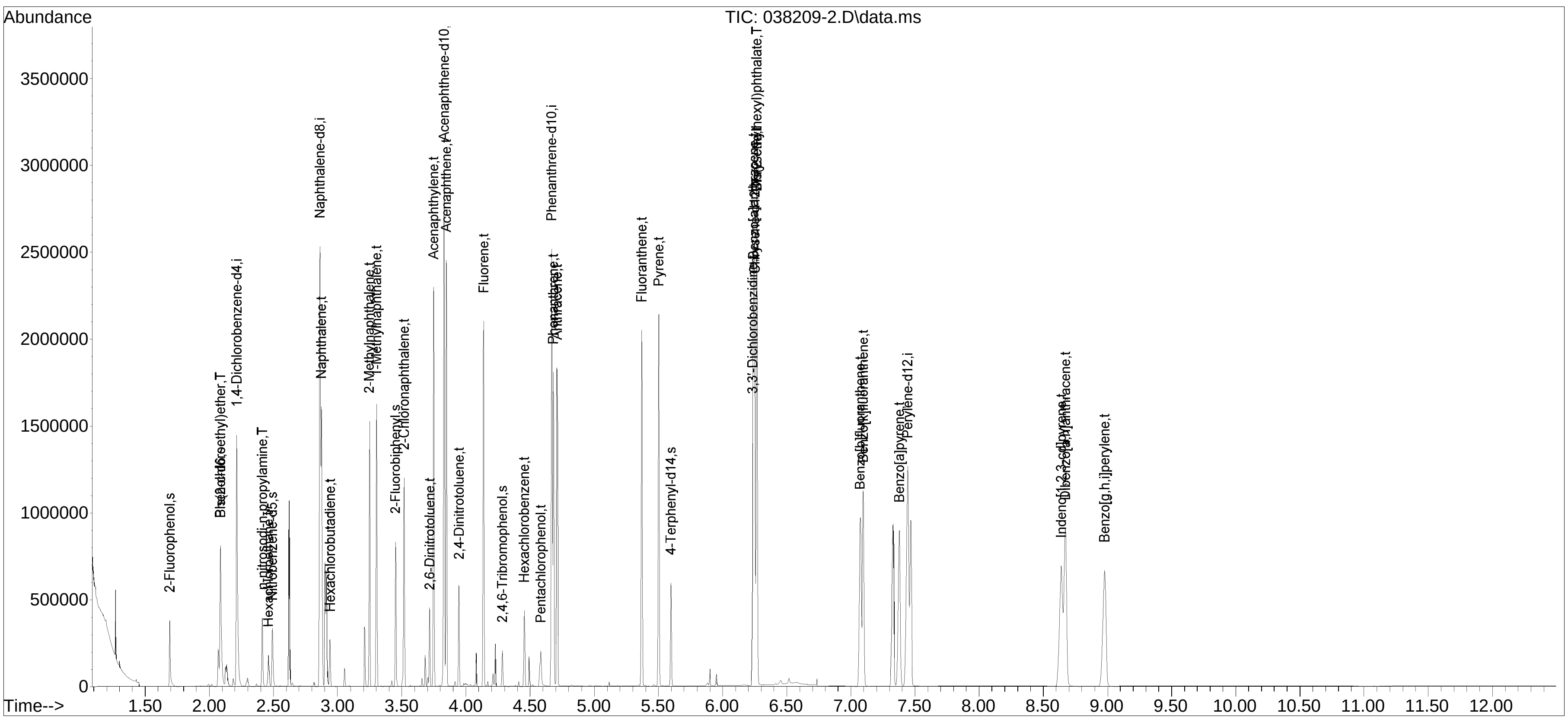
(#) = qualifier out of range (m) = manual integration (+) = signals summed

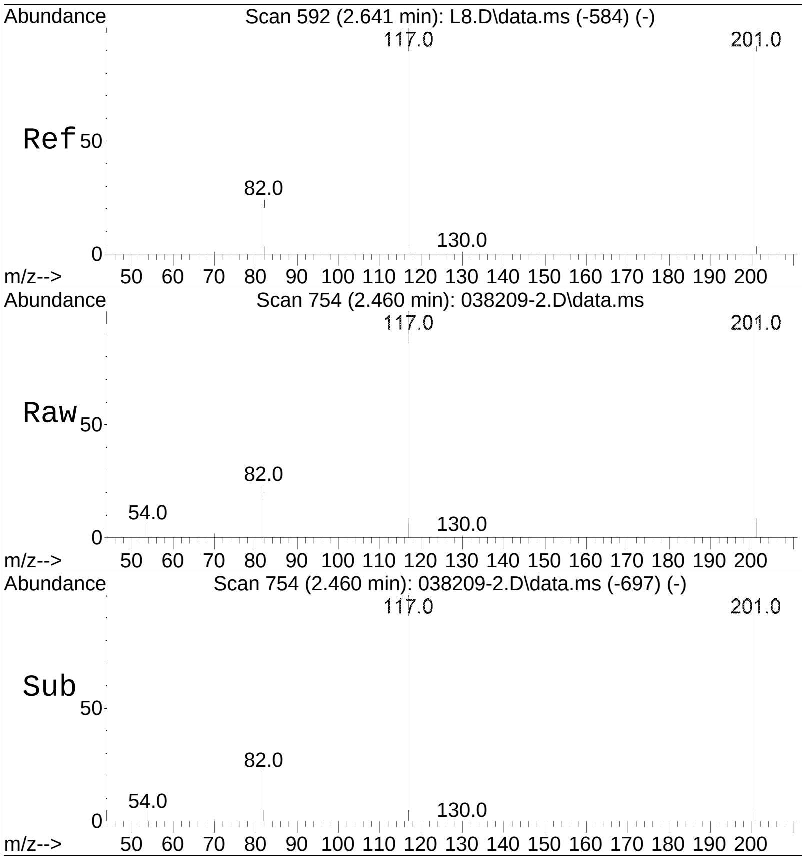
Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-2.D
Acq On   : 11 Mar 2025 04:39 pm
Operator : sv119:rp
Sample   : WG2038209-2,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 23   Sample Multiplier: 1

Quant Time: Mar 11 18:42:54 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listedT\ccv0311b.D•

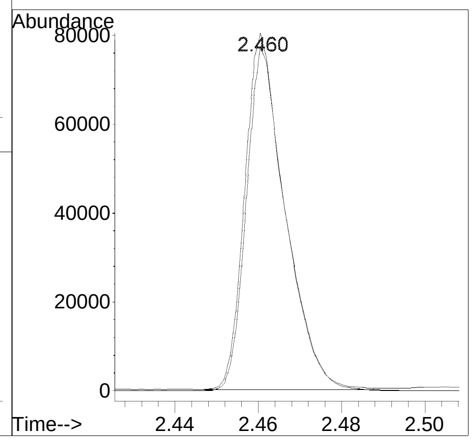


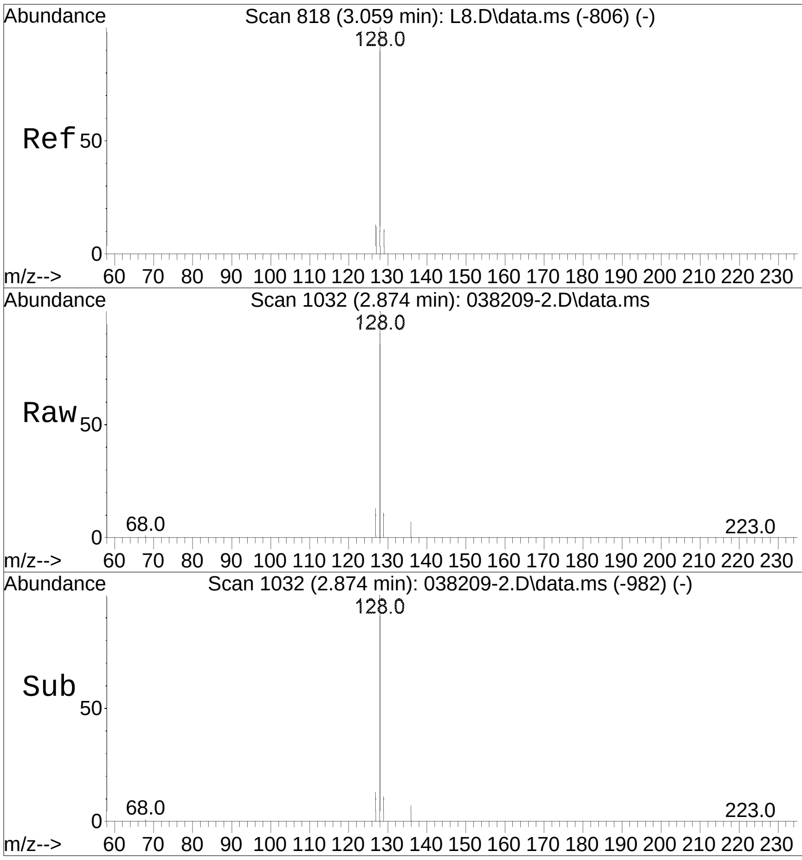


#7
Hexachloroethane
Concen: 1152.29 ng/ml
RT: 2.460 min Scan# 754
Delta R.T. -0.000 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:117 Resp: 53070

Ion	Ratio	Lower	Upper
117	100		
201	95.4	79.3	118.9

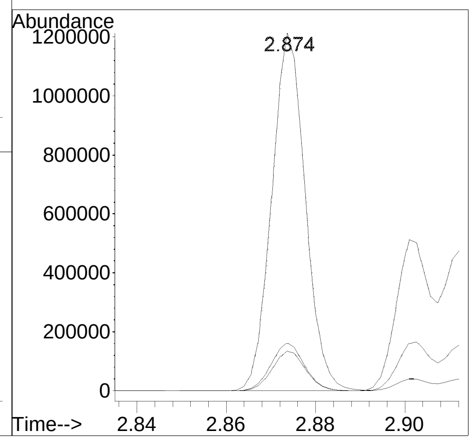


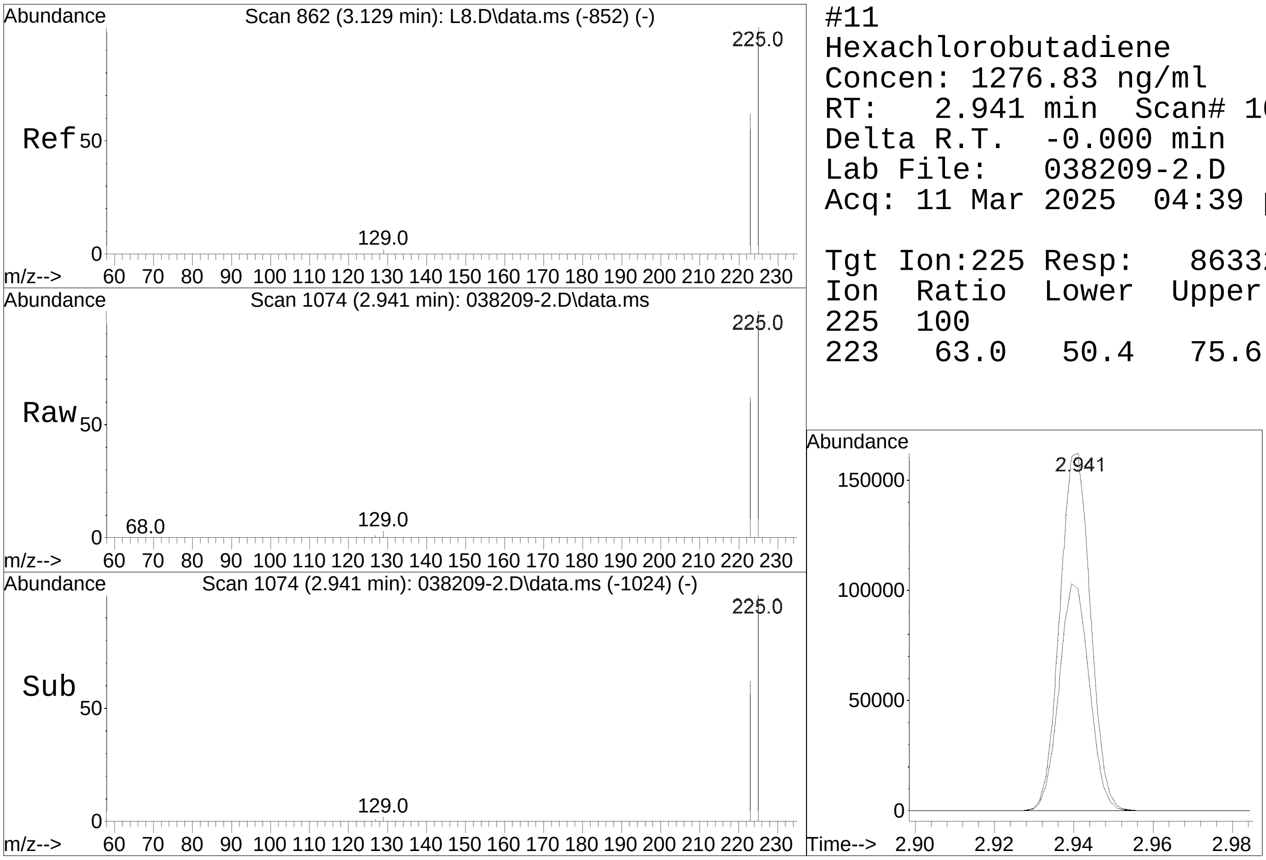


#10
Naphthalene
Concen: 1641.39 ng/ml
RT: 2.874 min Scan# 1032
Delta R.T. -0.000 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:128 Resp: 630640

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	10.5	15.7

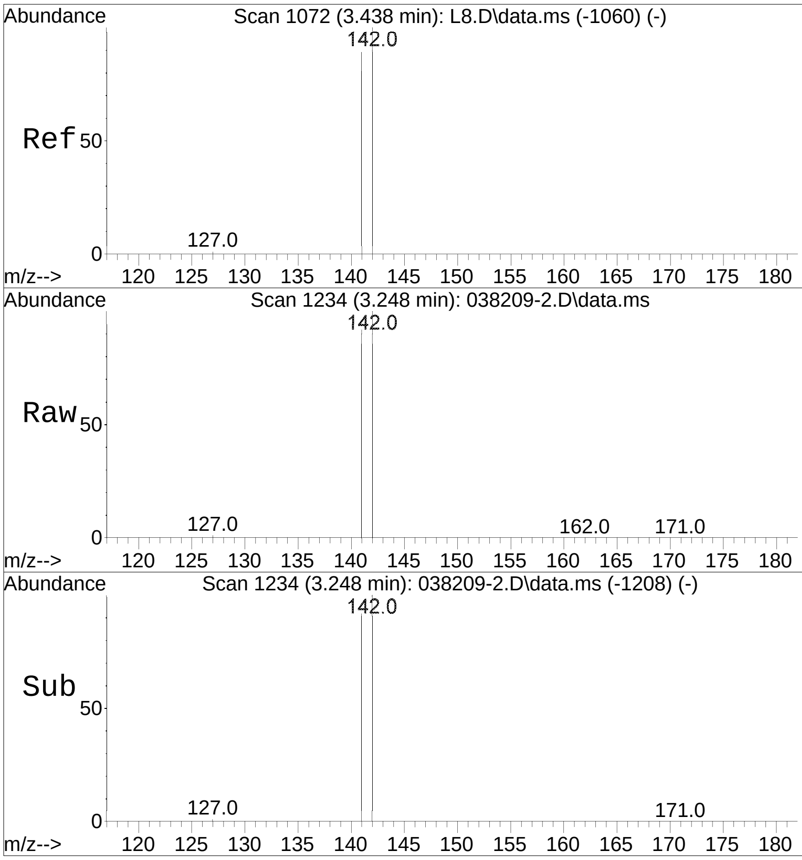




#11
Hexachlorobutadiene
Concen: 1276.83 ng/ml
RT: 2.941 min Scan# 1074
Delta R.T. -0.000 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:225 Resp: 86332

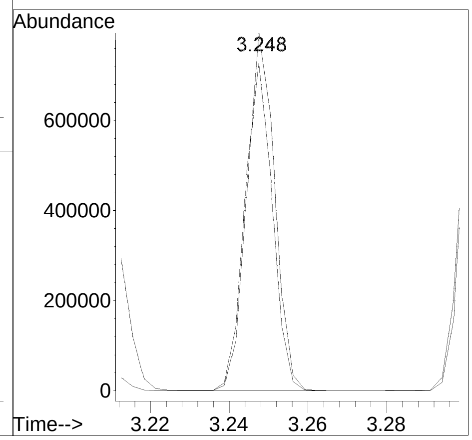
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6

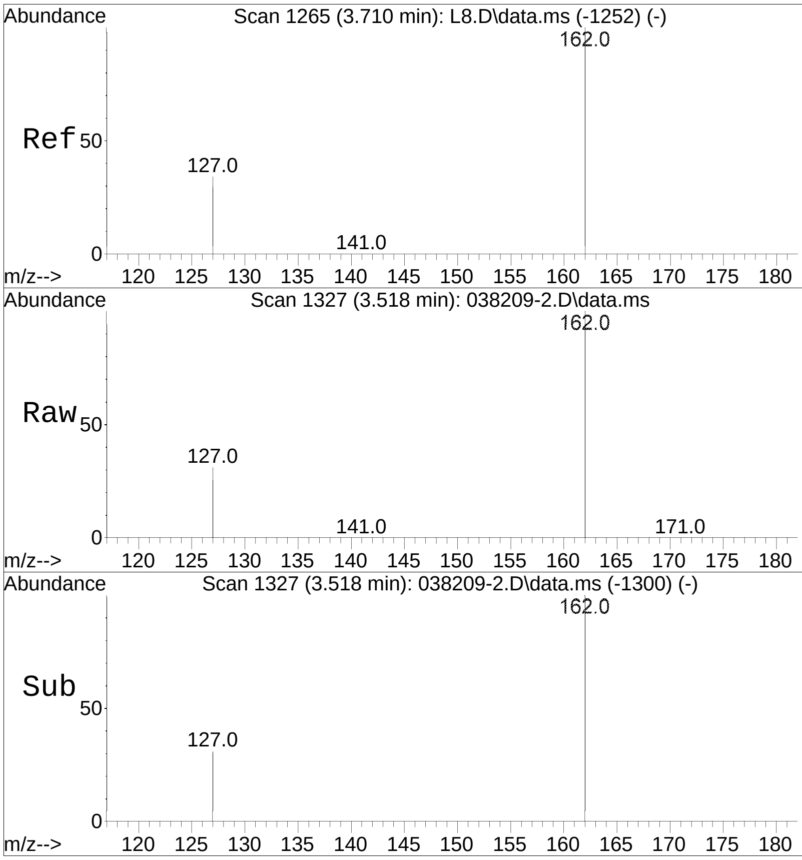


#12
2-Methylnaphthalene
Concen: 1452.14 ng/ml
RT: 3.248 min Scan# 1234
Delta R.T. -0.003 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:142 Resp: 389886

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9

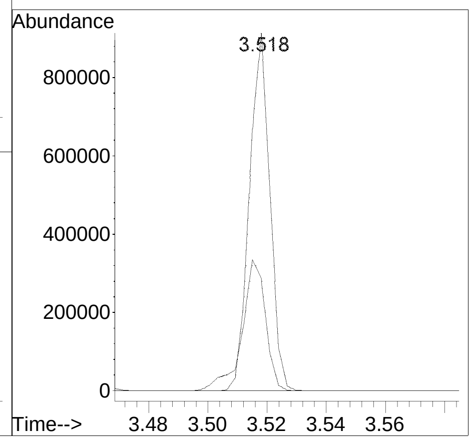


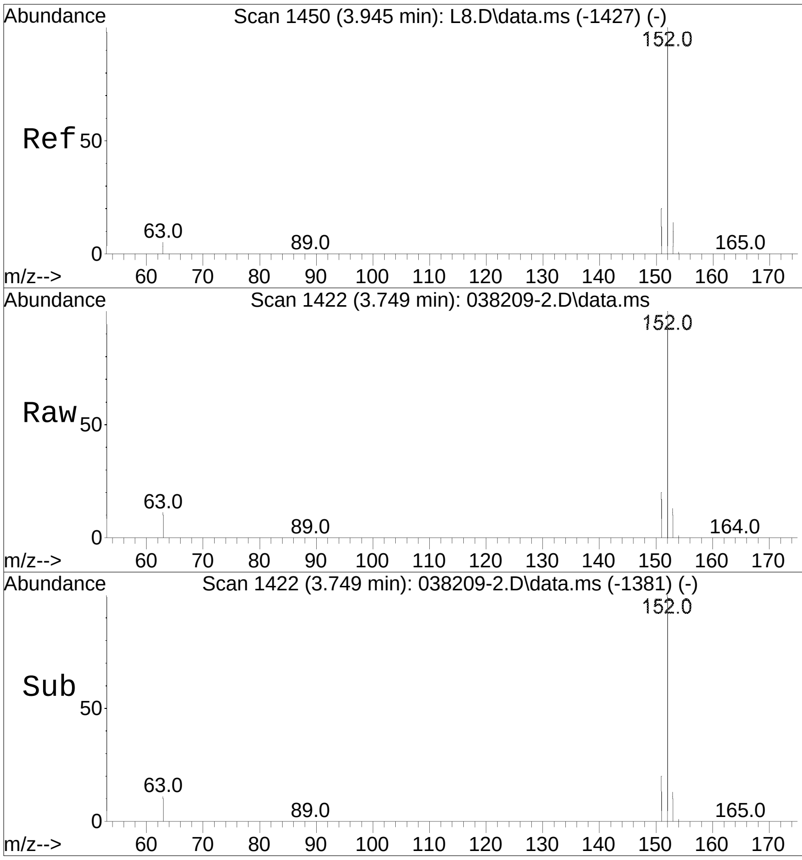


#15
2-Chloronaphthalene
Concen: 1559.65 ng/ml
RT: 3.518 min Scan# 1327
Delta R.T. -0.000 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:162 Resp: 432486

Ion	Ratio	Lower	Upper
162	100		
127	42.5	27.4	41.0#

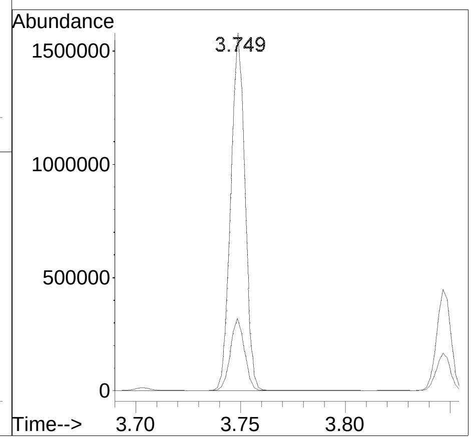


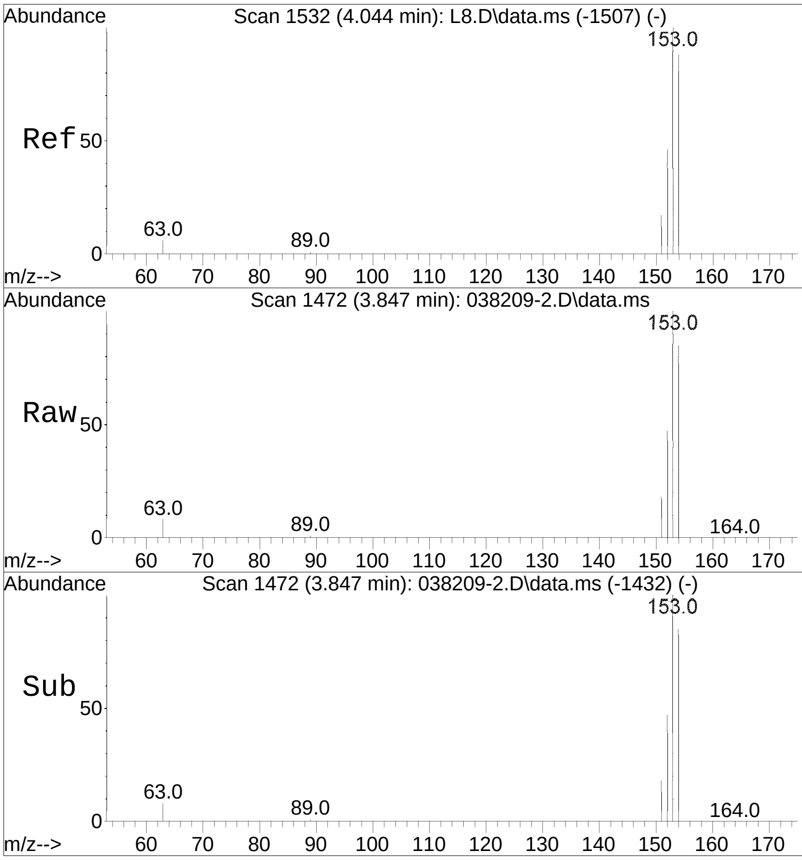


#17
Acenaphthylene
Concen: 1721.80 ng/ml
RT: 3.749 min Scan# 1422
Delta R.T. -0.000 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:152 Resp: 739397

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9

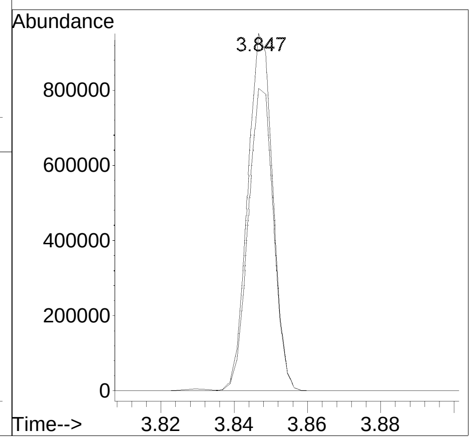


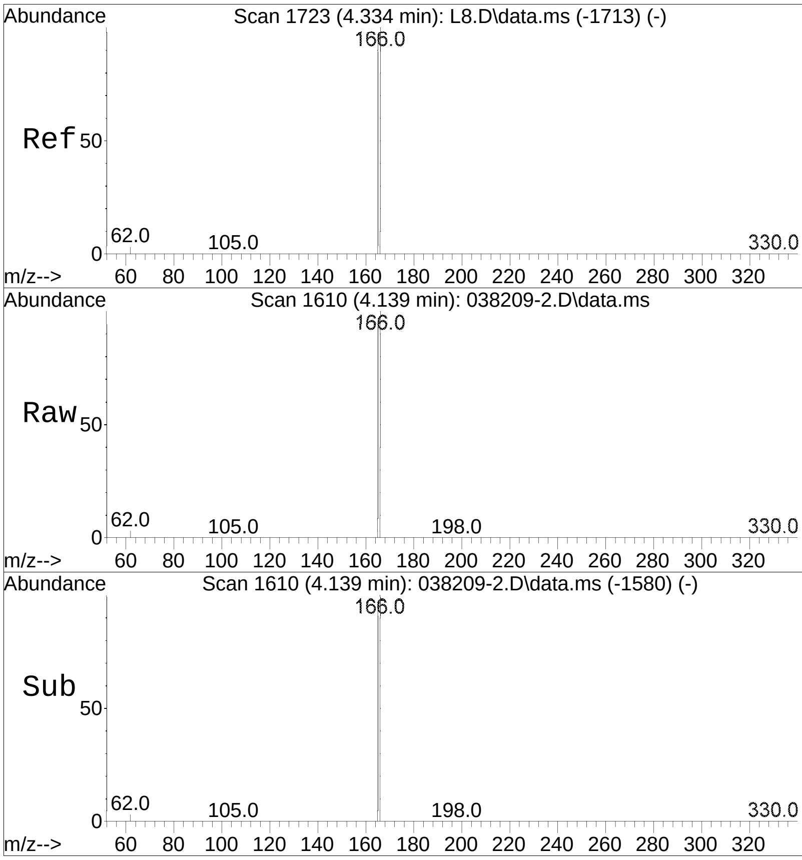


#19
Acenaphthene
Concen: 1891.97 ng/ml
RT: 3.847 min Scan# 1472
Delta R.T. -0.002 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:153 Resp: 450388

Ion	Ratio	Lower	Upper
153	100		
154	85.5	73.1	109.7

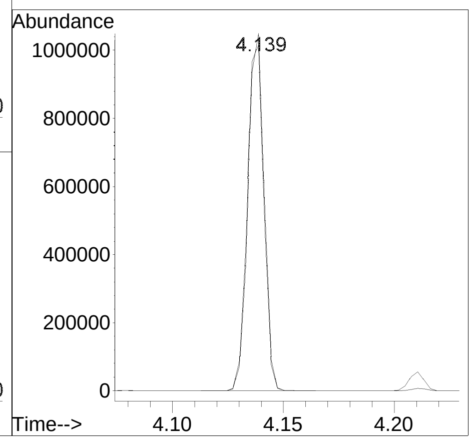


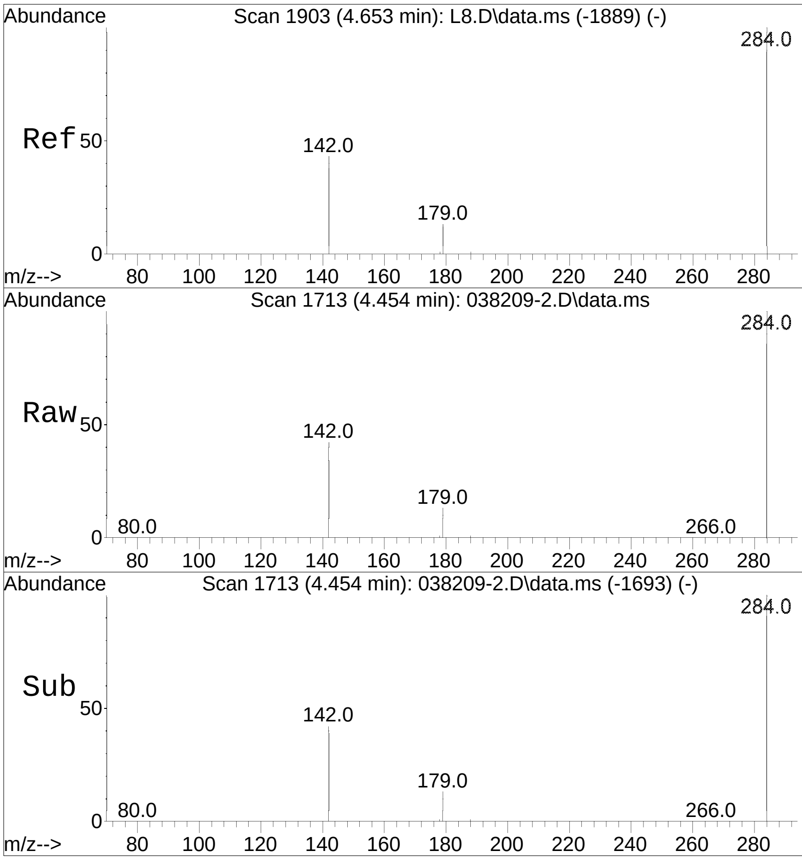


#21
Fluorene
Concen: 1936.65 ng/ml
RT: 4.139 min Scan# 1610
Delta R.T. -0.000 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:166 Resp: 529674

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.8

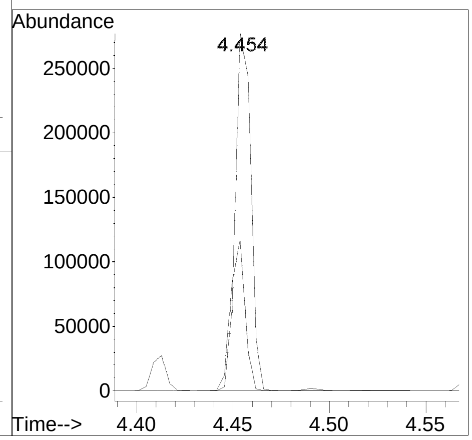


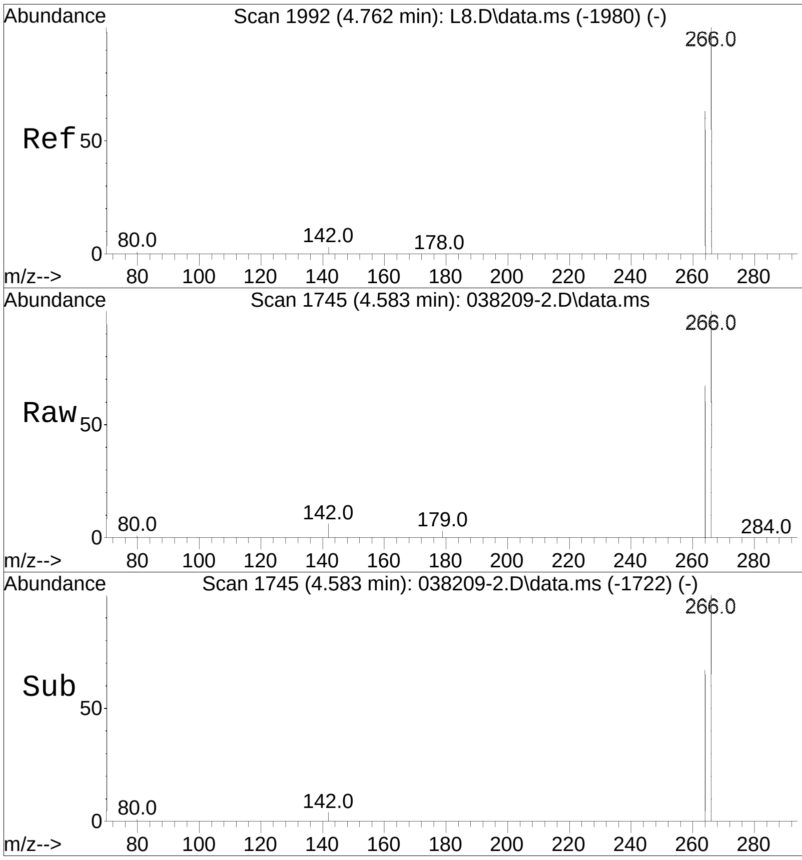


#25
Hexachlorobenzene
Concen: 2093.21 ng/ml
RT: 4.454 min Scan# 1713
Delta R.T. -0.004 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:284 Resp: 153115

Ion	Ratio	Lower	Upper
284	100		
142	39.0	33.8	50.6

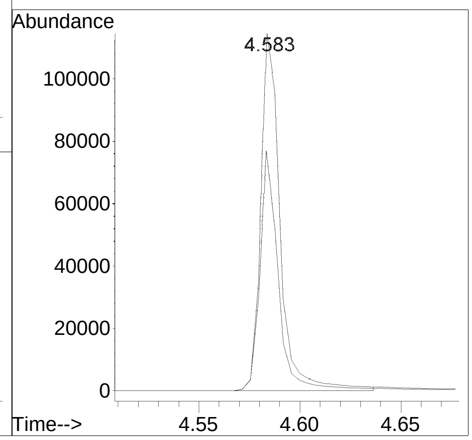


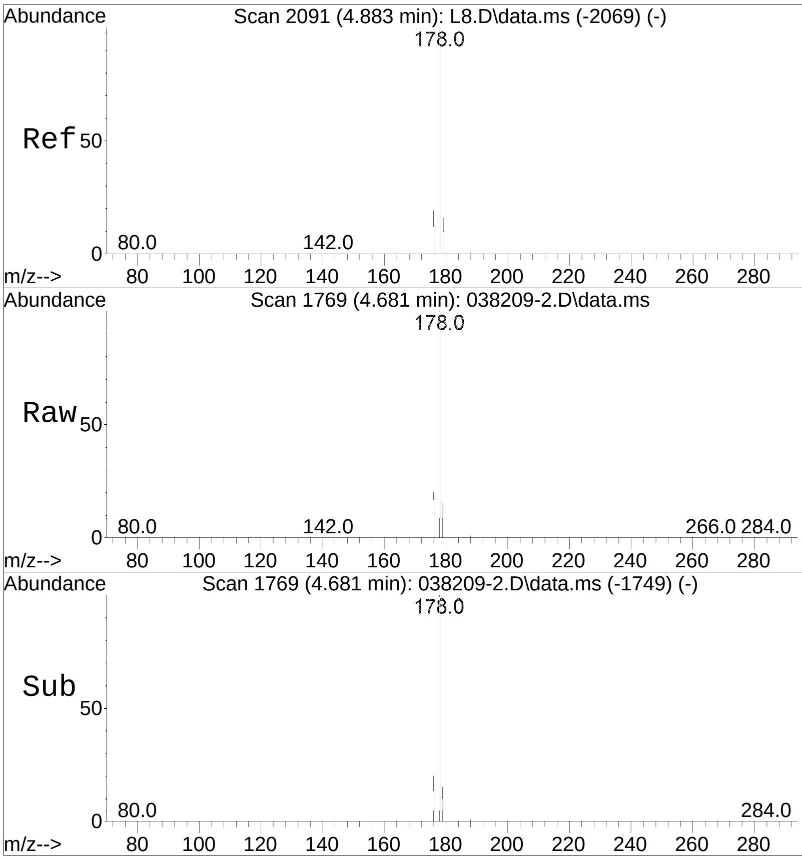


#26
Pentachlorophenol
Concen: 1947.98 ng/ml
RT: 4.583 min Scan# 1745
Delta R.T. 0.012 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:266 Resp: 75824

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.8	76.2

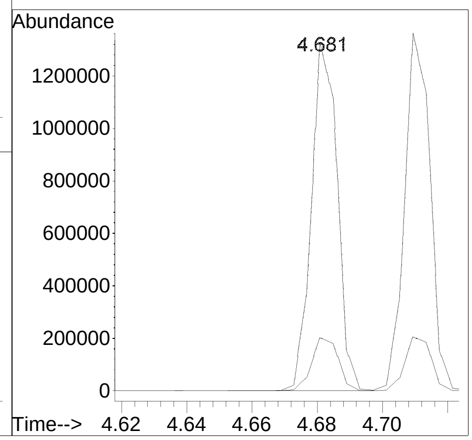


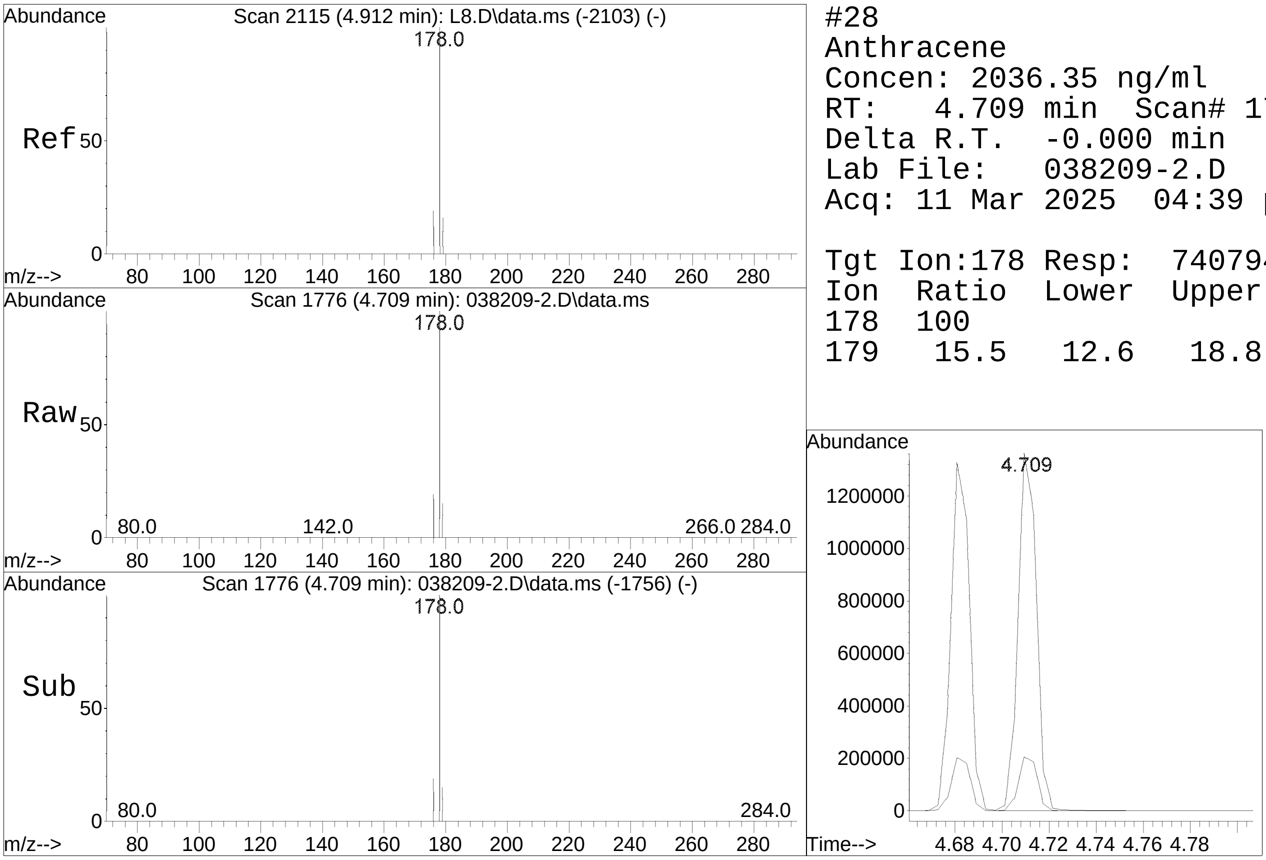


#27
Phenanthrene
Concen: 2012.61 ng/ml
RT: 4.681 min Scan# 1769
Delta R.T. -0.000 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:178 Resp: 730253

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2

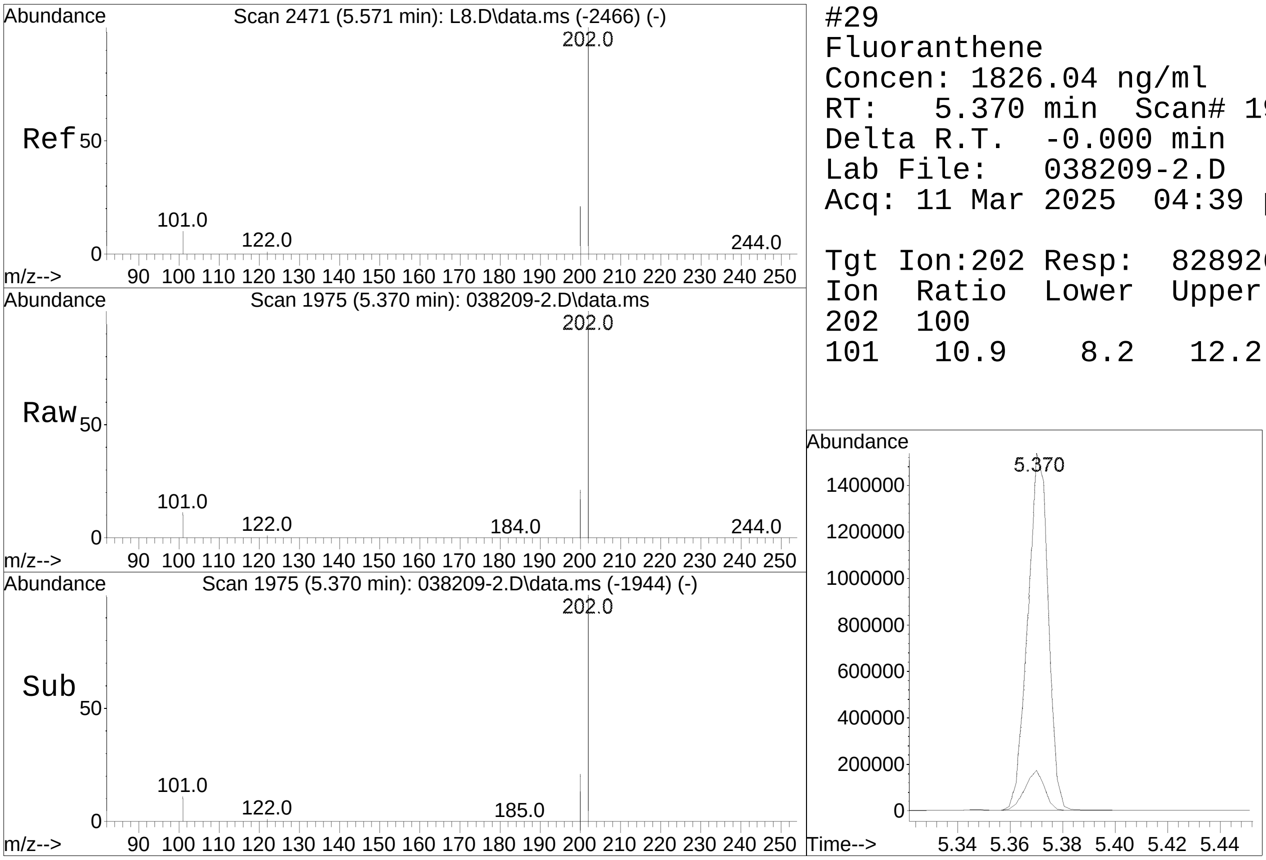




#28
Anthracene
Concen: 2036.35 ng/ml
RT: 4.709 min Scan# 1776
Delta R.T. -0.000 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:178 Resp: 740794

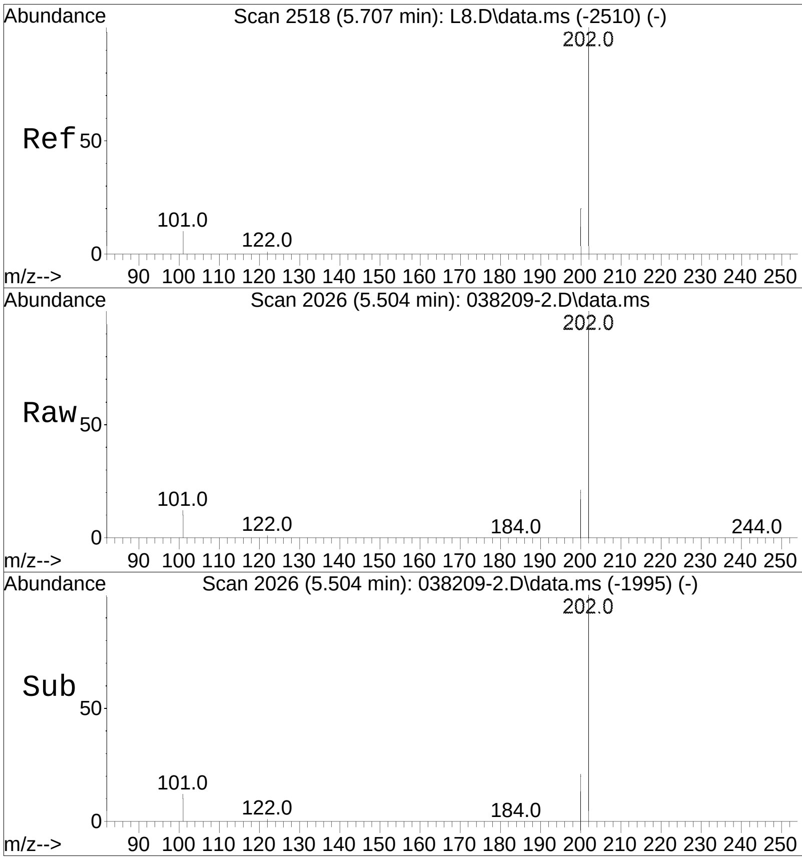
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8



#29
Fluoranthene
Concen: 1826.04 ng/ml
RT: 5.370 min Scan# 1975
Delta R.T. -0.000 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:202 Resp: 828926

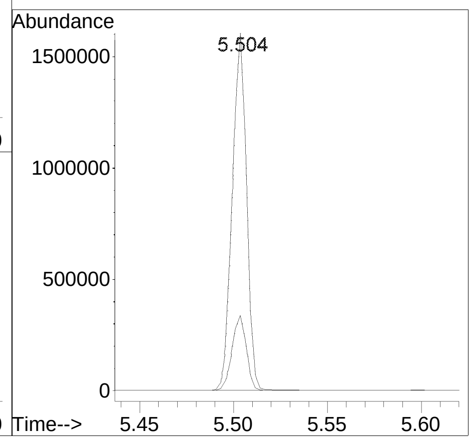
Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.2	12.2

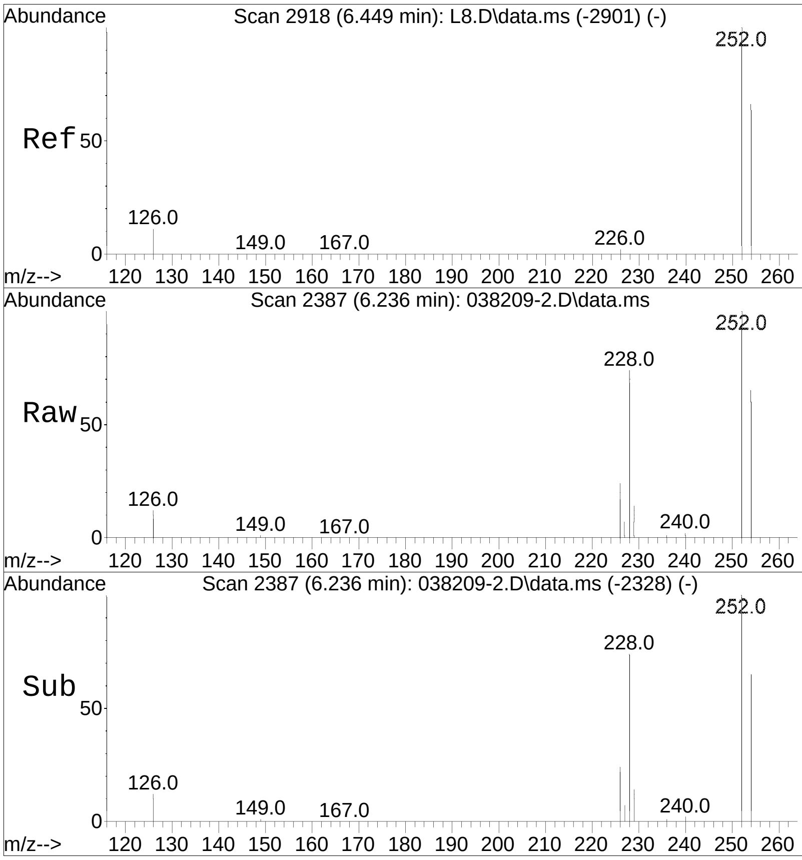


#30
Pyrene
Concen: 1787.92 ng/ml
RT: 5.504 min Scan# 2026
Delta R.T. -0.000 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:202 Resp: 837748

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3

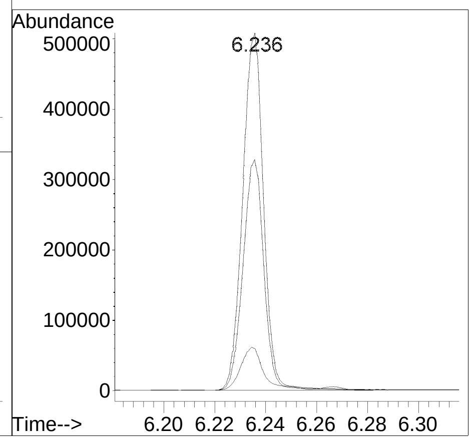


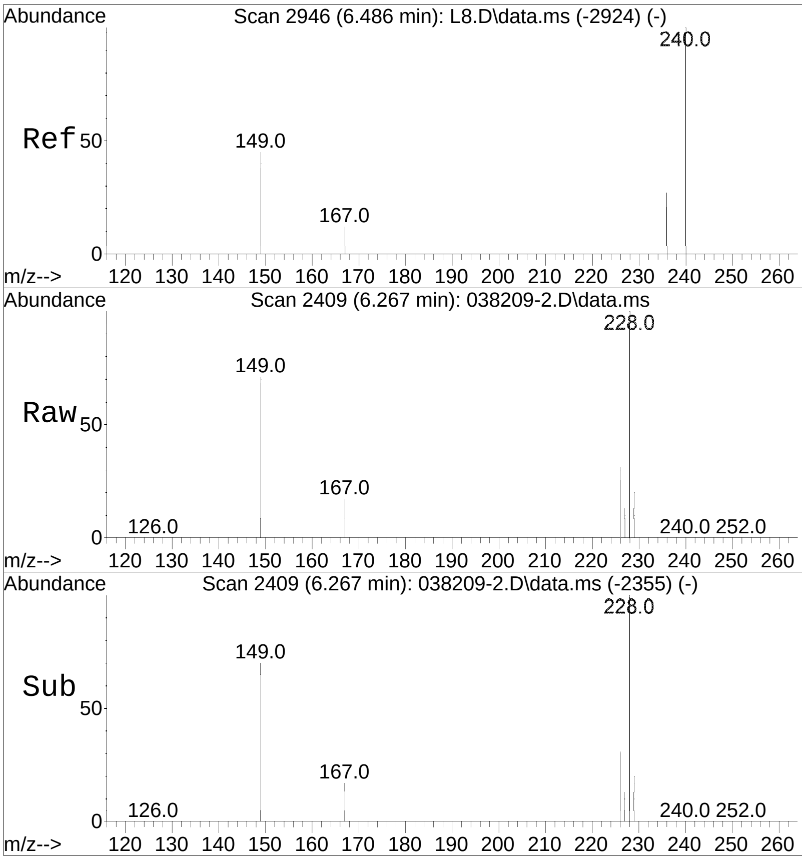


#35
3,3'-Dichlorobenzidine
Concen: 2305.77 ng/ml
RT: 6.236 min Scan# 2387
Delta R.T. 0.003 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:252 Resp: 288404

Ion	Ratio	Lower	Upper
252	100		
126	13.3	8.6	13.0#
254	64.6	51.8	77.8

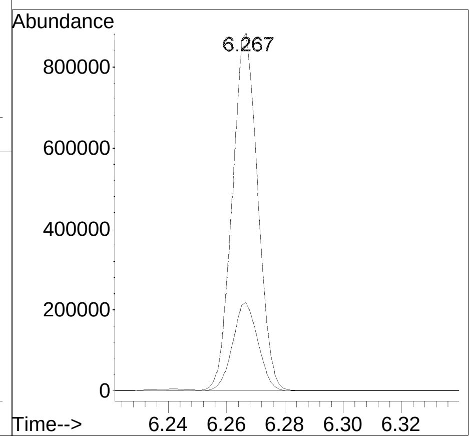


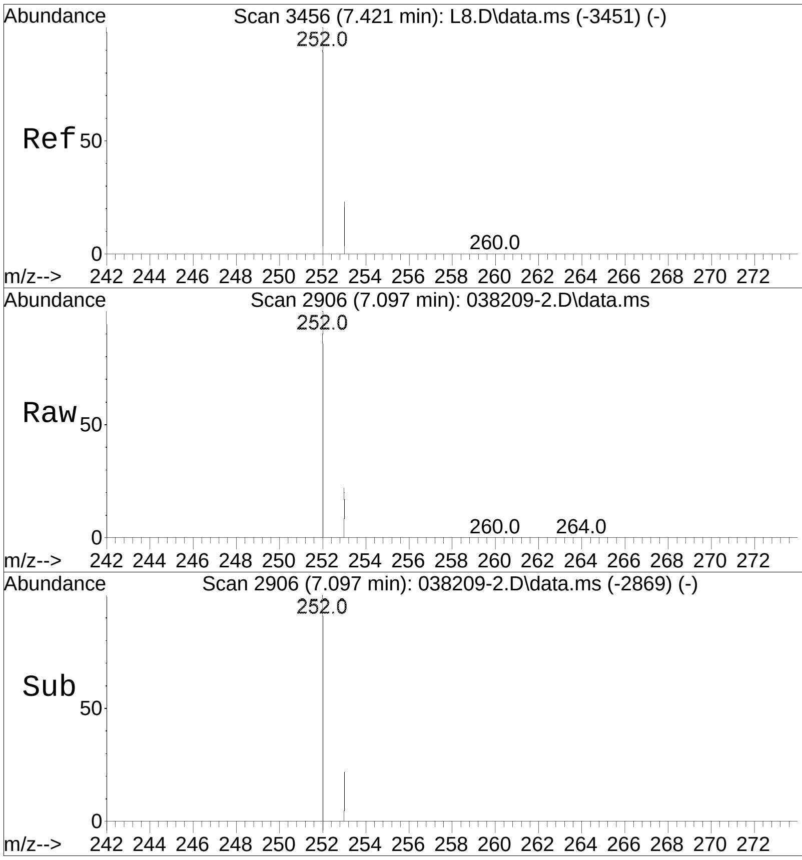


#37
Bis(2-ethylhexyl)phthalate
Concen: 3031.86 ng/ml
RT: 6.267 min Scan# 2409
Delta R.T. -0.004 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:149 Resp: 530663

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.7	31.1

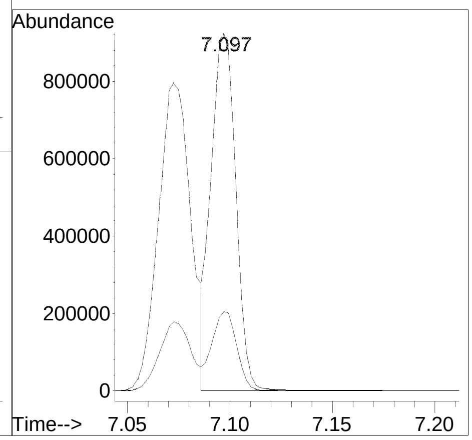


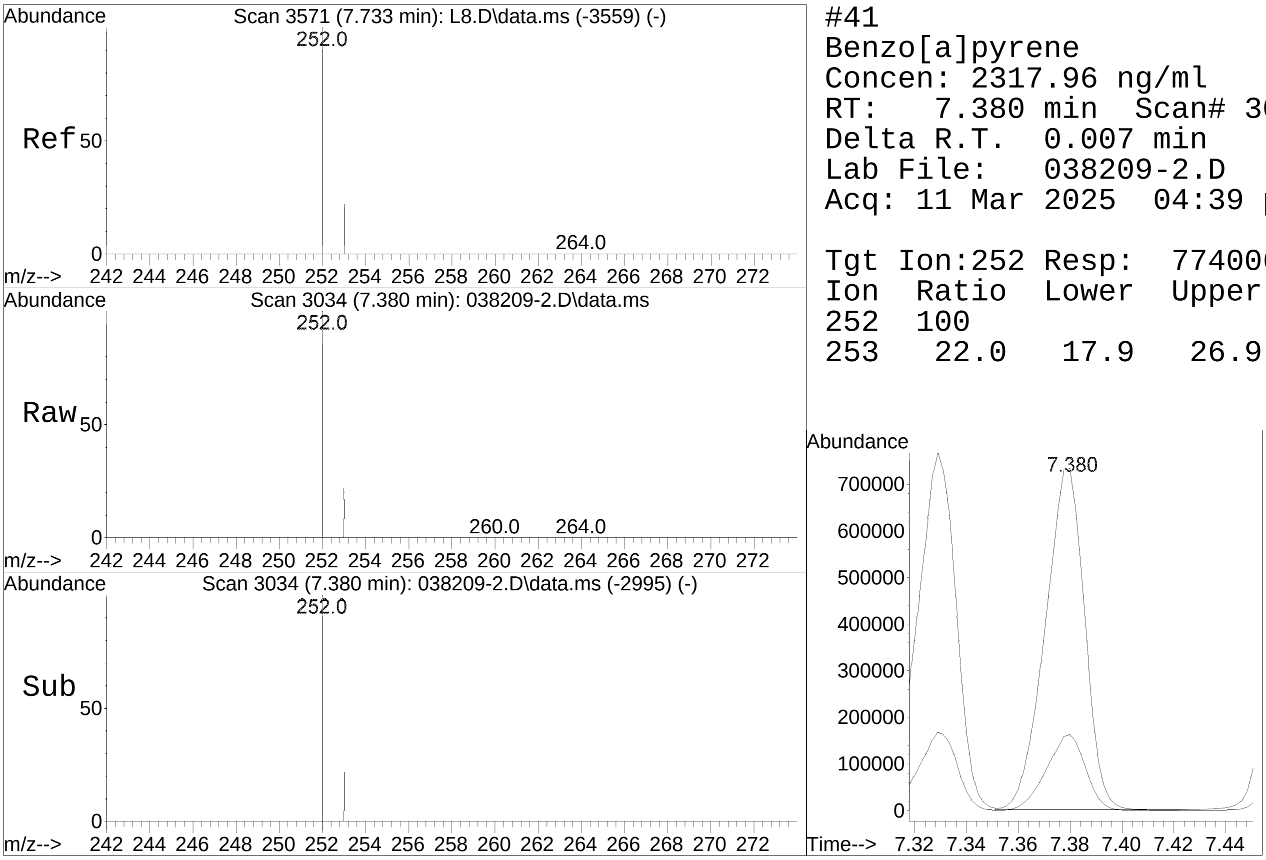


#40
Benzo[k]fluoranthene
Concen: 1994.79 ng/ml
RT: 7.097 min Scan# 2906
Delta R.T. 0.002 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:252 Resp: 774116

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2

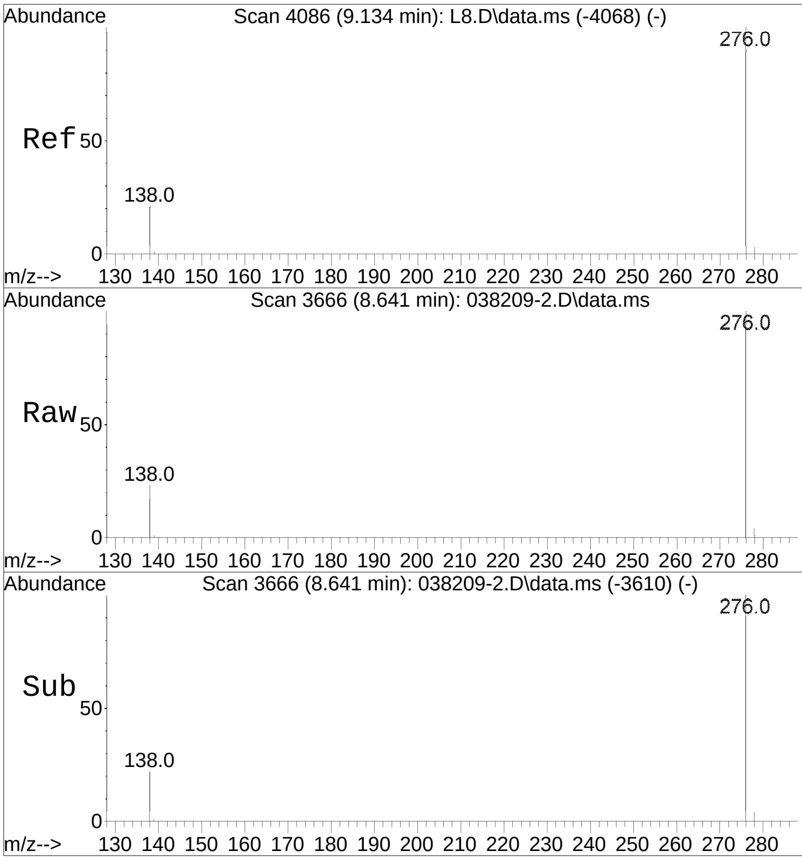




#41
Benzo[a]pyrene
Concen: 2317.96 ng/ml
RT: 7.380 min Scan# 3034
Delta R.T. 0.007 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:252 Resp: 774006

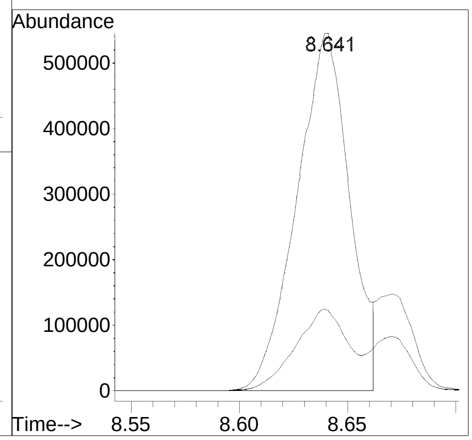
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9

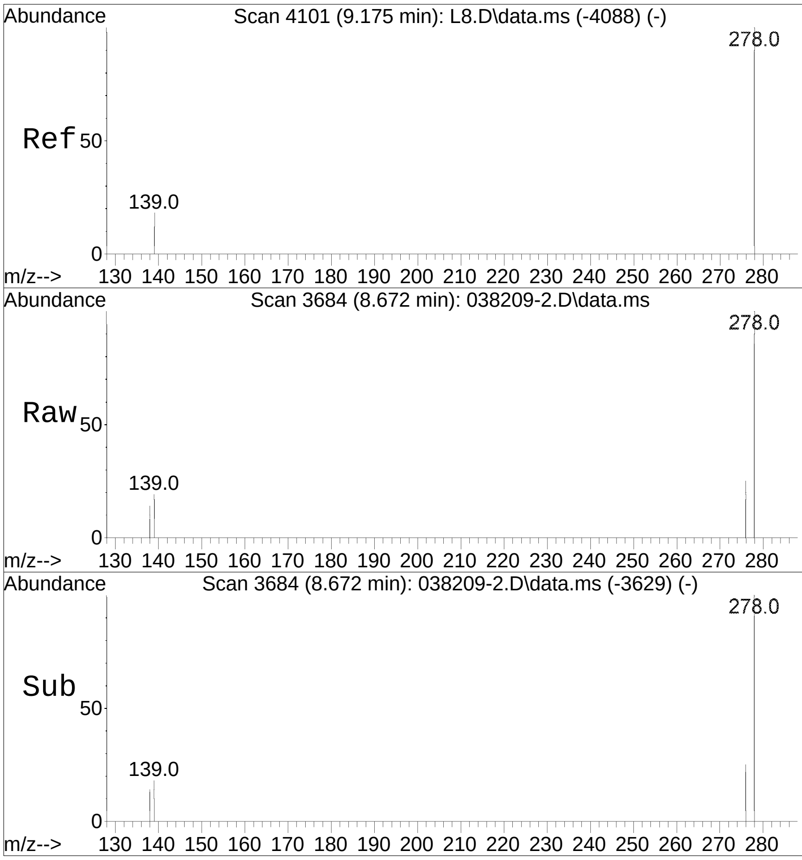


#42
Indeno[1,2,3-cd]pyrene
Concen: 2843.42 ng/ml
RT: 8.641 min Scan# 3666
Delta R.T. 0.017 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:276 Resp: 919196

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.9	25.3

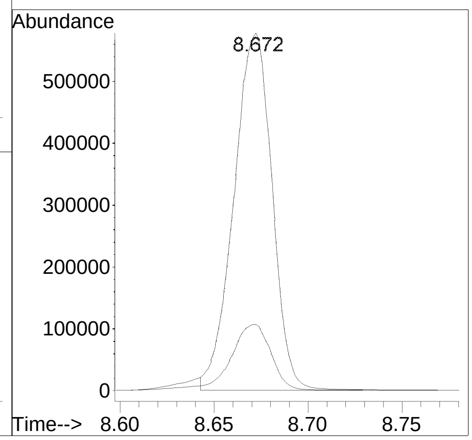


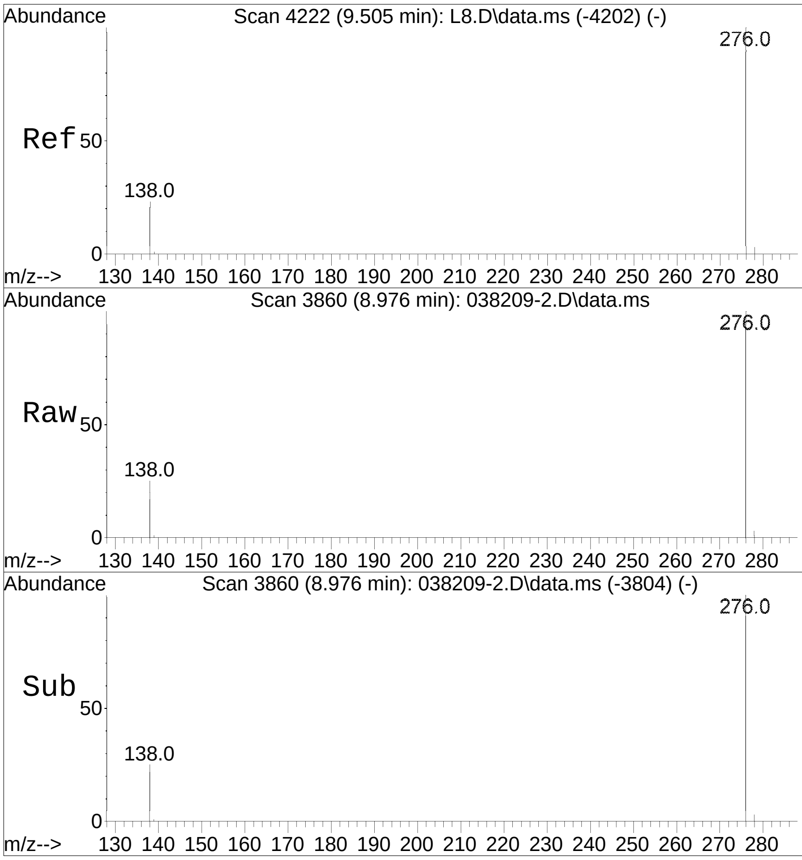


#43
Dibenzo[a,h]anthracene
Concen: 2719.01 ng/ml M6
RT: 8.672 min Scan# 3684
Delta R.T. 0.016 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:278 Resp: 815411

Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.6	22.0

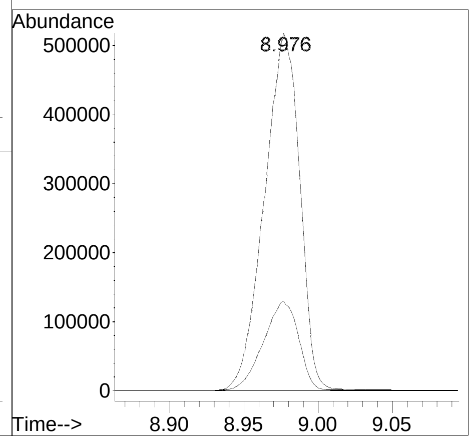




#44
Benzo[g,h,i]perylene
Concen: 2766.96 ng/ml
RT: 8.976 min Scan# 3860
Delta R.T. 0.017 min
Lab File: 038209-2.D
Acq: 11 Mar 2025 04:39 pm

Tgt Ion:276 Resp: 851348

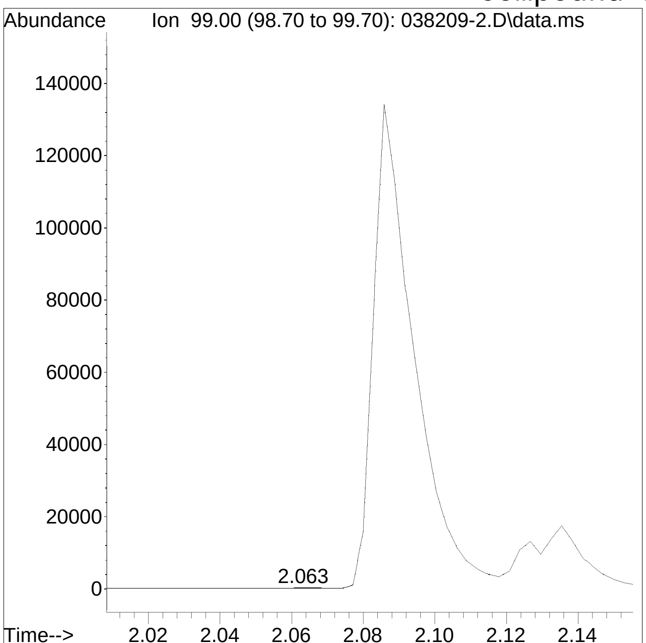
Ion	Ratio	Lower	Upper
276	100		
138	25.0	18.6	28.0

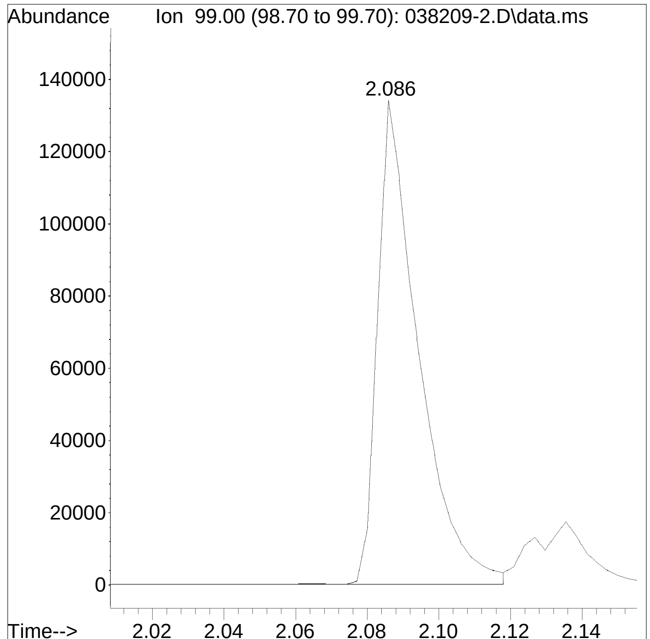


Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ Method : SIM-RVT_241229_sv119.M
Data File : 038209-2.D Operator : sv119:rp
Date Inj'd : 3/11/2025 4:39 pm Instrument : SV119
Sample : WG2038209-2,32,,kmh Quant Date : 3/11/2025 4:53 pm

Compound #4: Phenol-d6





Original Peak Response = 106 Manual Peak Response = 105744 M3

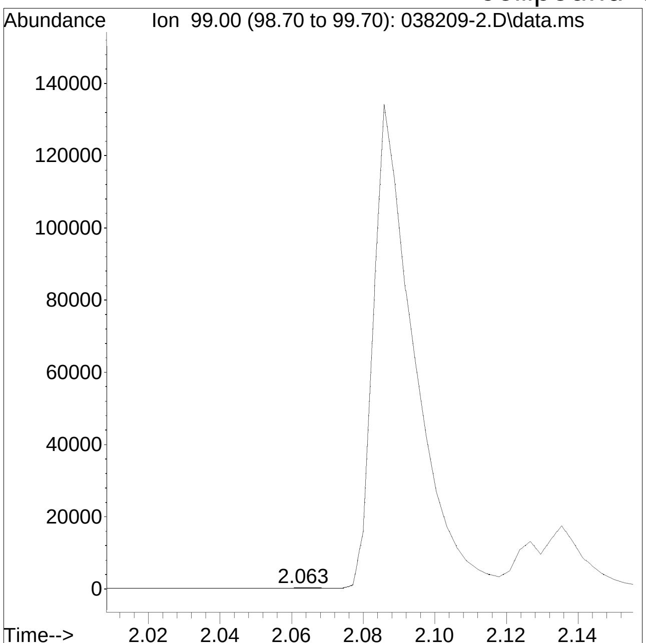
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

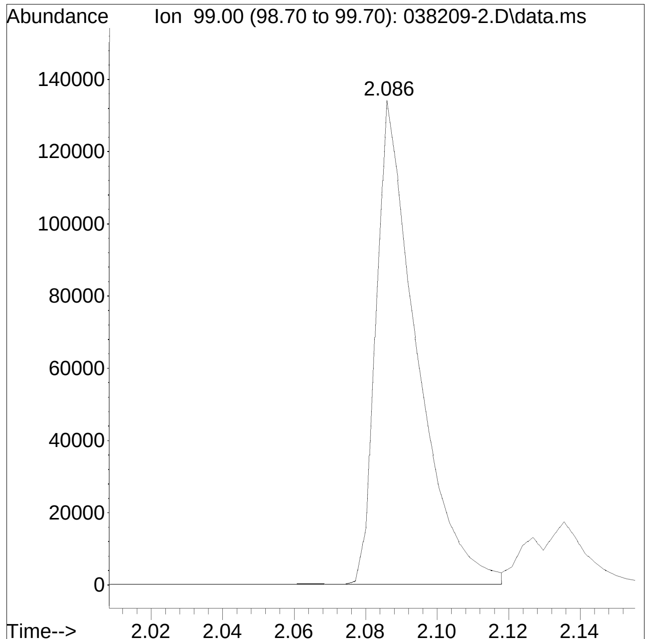
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 038209-2.D
Date Inj'd : 3/11/2025 4:39 pm
Sample : WG2038209-2,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:rp
Instrument : SV119
Quant Date : 3/11/2025 4:53 pm

Compound #4: Phenol-d6





Original Peak Response = 106

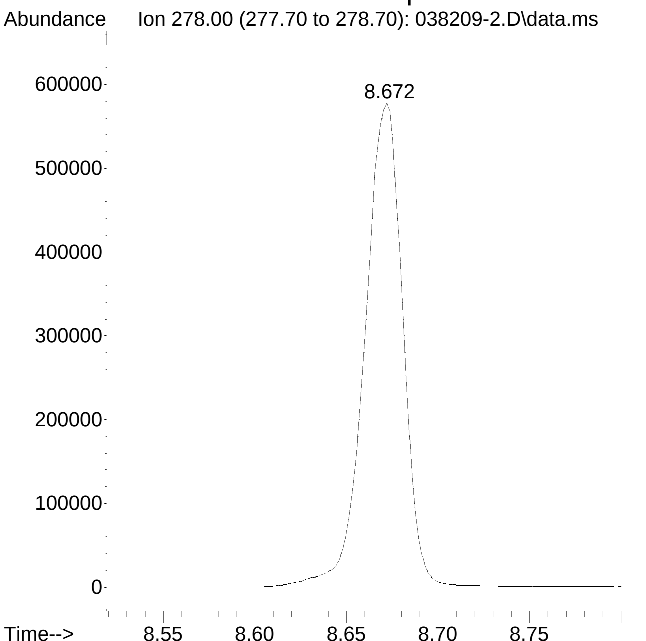
Manual Peak Response = 105744 M3

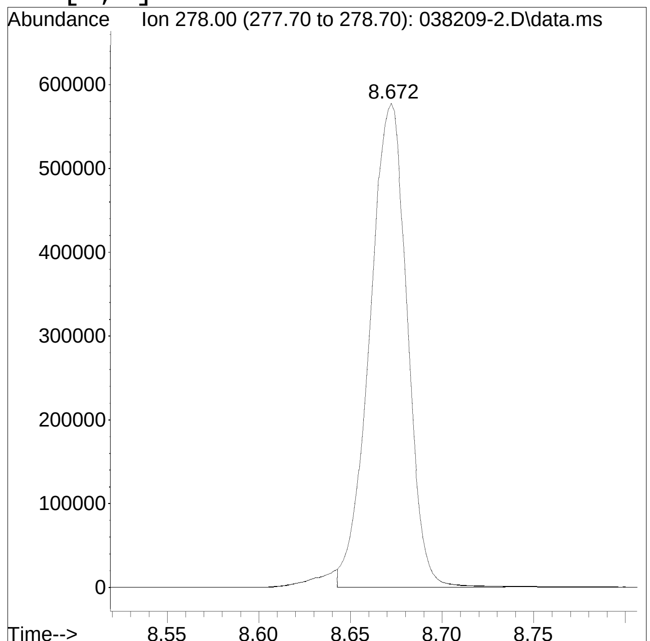
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250311bRVQMethod     : SIM-RVT_241229_sv119.M
Data File   : 038209-2.D                Operator    : sv119:rp
Date Inj'd  : 3/11/2025  4:39 pm        Instrument  : SV119
Sample      : WG2038209-2,32,,kmh       Quant Date  : 3/11/2025  4:53 pm
```

Compound #43: Dibenzo[a,h]anthracene





Original Peak Response = 835317   Manual Peak Response = 815411 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-3.D
Acq On : 11 Mar 2025 04:56 pm
Operator : sv119:rp
Sample : WG2038209-3,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 11 18:44:44 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.214	152	344875	4000.000 ng/ml	0.00
Standard Area 1 = 325676			Recovery	= 105.90%	
9) Naphthalene-d8	2.862	136	1342455	4000.000 ng/ml	0.00
Standard Area 1 = 1225929			Recovery	= 109.51%	
18) Acenaphthene-d10	3.829	164	716499	4000.000 ng/ml	0.00
Standard Area 1 = 688151			Recovery	= 104.12%	
23) Phenanthrene-d10	4.669	188	1260790	4000.000 ng/ml	0.00
Standard Area 1 = 1410915			Recovery	= 89.36%	
33) Chrysene-d12	6.250	240	991344	4000.000 ng/ml	0.00
Standard Area 1 = 1283861			Recovery	= 77.22%	
38) Perylene-d12	7.439	264	1213055	4000.000 ng/ml	0.00
Standard Area 1 = 1327611			Recovery	= 91.37%	
System Monitoring Compounds					
3) 2-Fluorophenol	1.691	112	113187	1224.899 ng/ml	0.04
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 61.24%	
4) Phenol-d6	2.086	99	99225M3	860.337 ng/ml	0.05
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 43.02%	
8) Nitrobenzene-d5	2.492	82	113746	1017.041 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 101.70%	
14) 2-Fluorobiphenyl	3.451	172	286402	874.908 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 87.49%	
22) 2,4,6-Tribromophenol	4.282	330	60947	1948.961 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 97.45%	
32) 4-Terphenyl-d14	5.598	244	250904	802.193 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 80.22%	
Target Compounds					Qvalue
7) Hexachloroethane	2.460	117	48473	1084.382 ng/ml	96
10) Naphthalene	2.874	128	585795	1564.581 ng/ml	100
11) Hexachlorobutadiene	2.941	225	77750	1180.003 ng/ml	100
12) 2-Methylnaphthalene	3.247	142	375408	1434.813 ng/ml	99
15) 2-Chloronaphthalene	3.518	162	420459	1555.971 ng/ml#	85
17) Acenaphthylene	3.749	152	732777	1751.055 ng/ml	99
19) Acenaphthene	3.846	153	435299	1821.608 ng/ml	94
21) Fluorene	4.139	166	529361	1928.118 ng/ml	97
25) Hexachlorobenzene	4.454	284	151169	2034.106 ng/ml	95

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-3.D
Acq On    : 11 Mar 2025  04:56 pm
Operator  : sv119:rp
Sample    : WG2038209-3,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 24   Sample Multiplier: 1

Quant Time: Mar 11 18:44:44 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Pentachlorophenol	4.583	266	76925	1945.450 ng/ml	100
27) Phenanthrene	4.681	178	742093	2013.078 ng/ml	99
28) Anthracene	4.709	178	747214	2021.697 ng/ml	100
29) Fluoranthene	5.370	202	806920	1749.607 ng/ml	98
30) Pyrene	5.503	202	813296	1708.439 ng/ml	100
34) Benzo[a]anthracene	6.243	228	758729	2169.703 ng/ml	100
36) Chrysene	6.265	228	695001	2036.161 ng/ml	100
39) Benzo[b]fluoranthene	7.070	252	842740	2096.222 ng/ml	99
40) Benzo[k]fluoranthene	7.095	252	789051	1990.270 ng/ml	99
41) Benzo[a]pyrene	7.375	252	775984	2274.736 ng/ml	99
42) Indeno[1,2,3-cd]pyrene	8.637	276	896257	2713.819 ng/ml	96
43) Dibenzo[a,h]anthracene	8.670	278	799979M6	2611.130 ng/ml	
44) Benzo[g,h,i]perylene	8.975	276	831257	2644.521 ng/ml	96

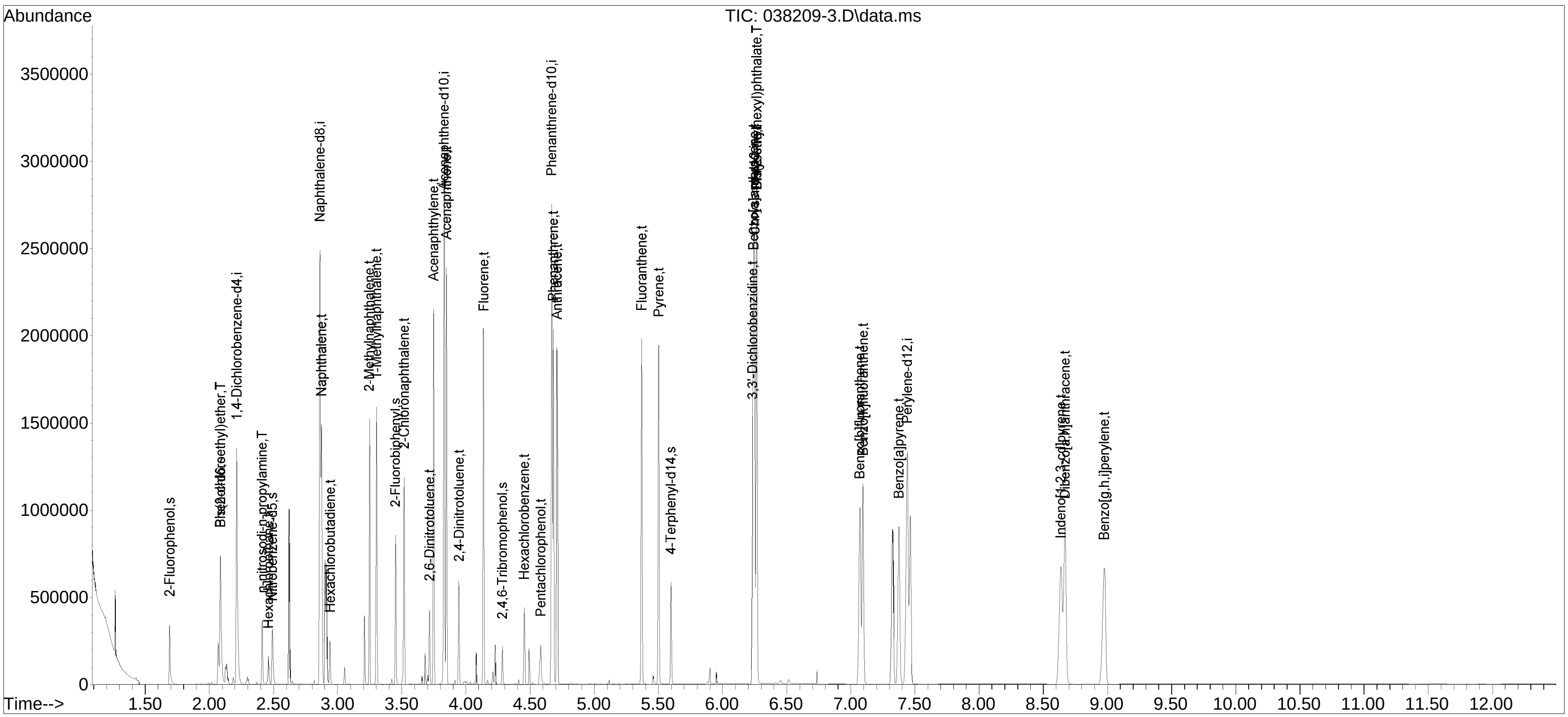
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

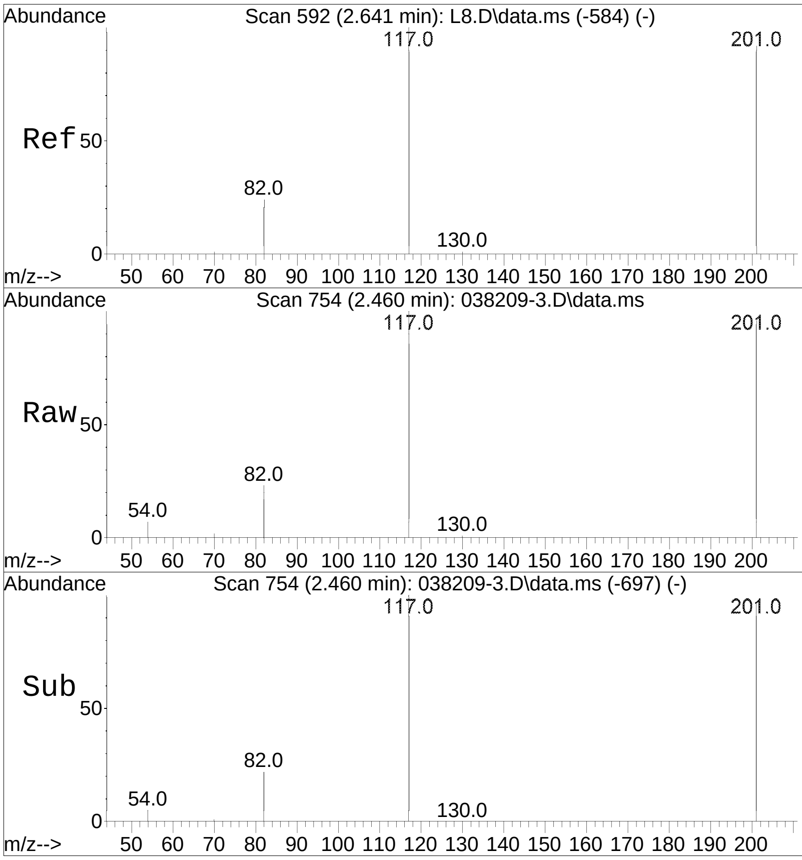
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-3.D
Acq On : 11 Mar 2025 04:56 pm
Operator : sv119:rp
Sample : WG2038209-3,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 11 18:44:44 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedT\ccv0311b.D•



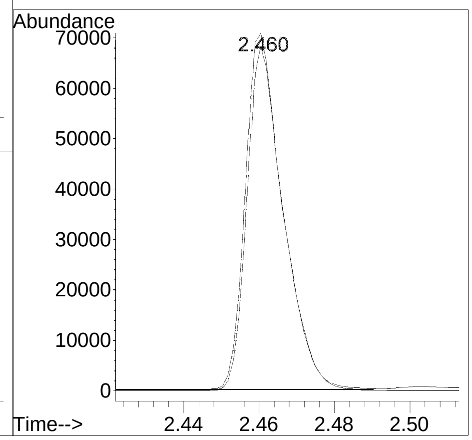
SIM-RVT_241229_sv119.M Tue Mar 11 18:46:26 2025 Page: 3

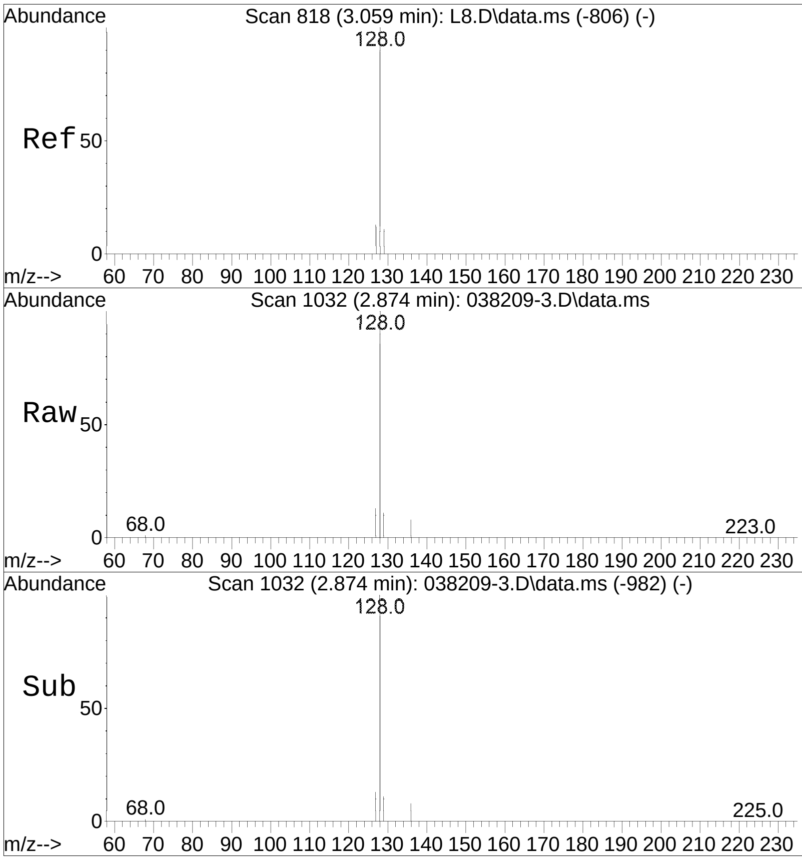


#7
Hexachloroethane
Concen: 1084.38 ng/ml
RT: 2.460 min Scan# 754
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:117 Resp: 48473

Ion	Ratio	Lower	Upper
117	100		
201	94.9	79.3	118.9

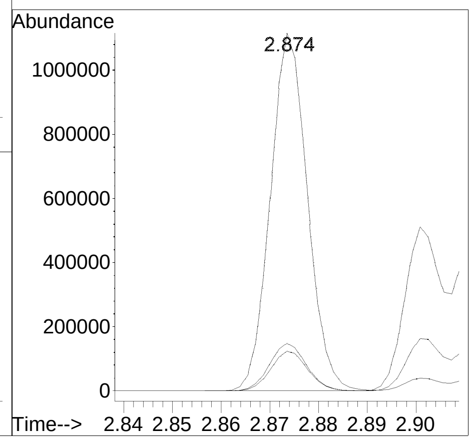


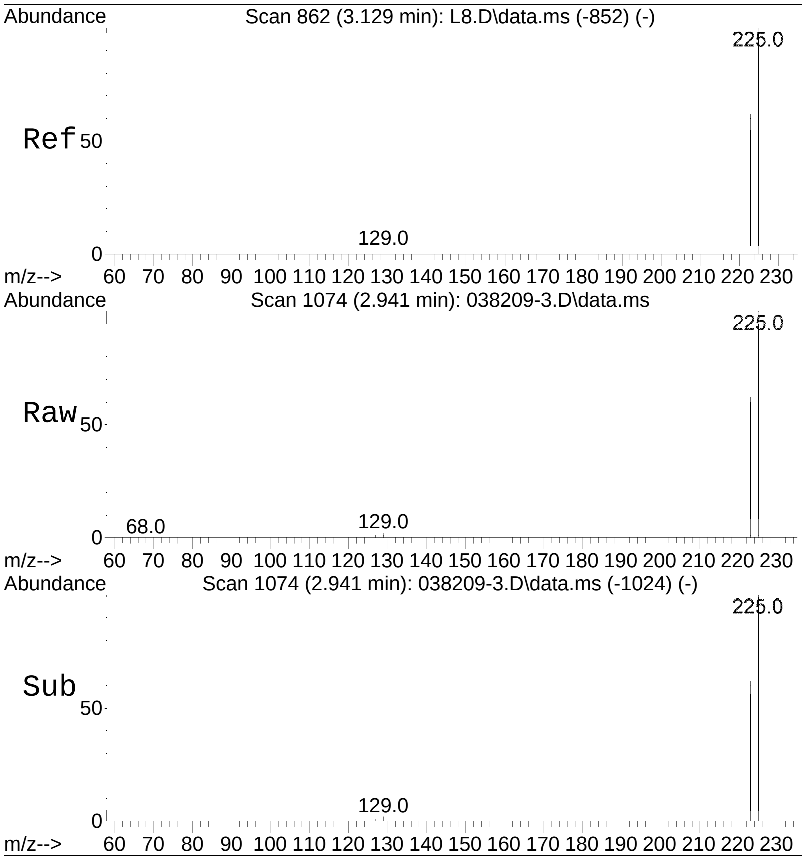


#10
Naphthalene
Concen: 1564.58 ng/ml
RT: 2.874 min Scan# 1032
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:128 Resp: 585795

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	10.5	15.7

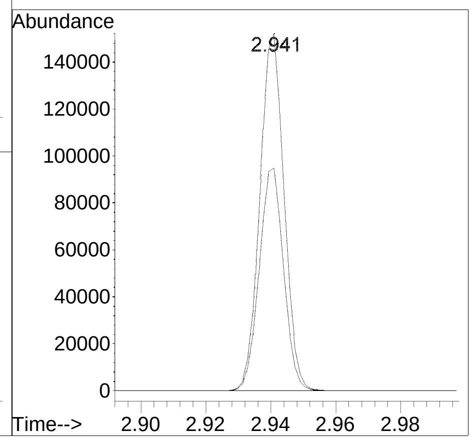


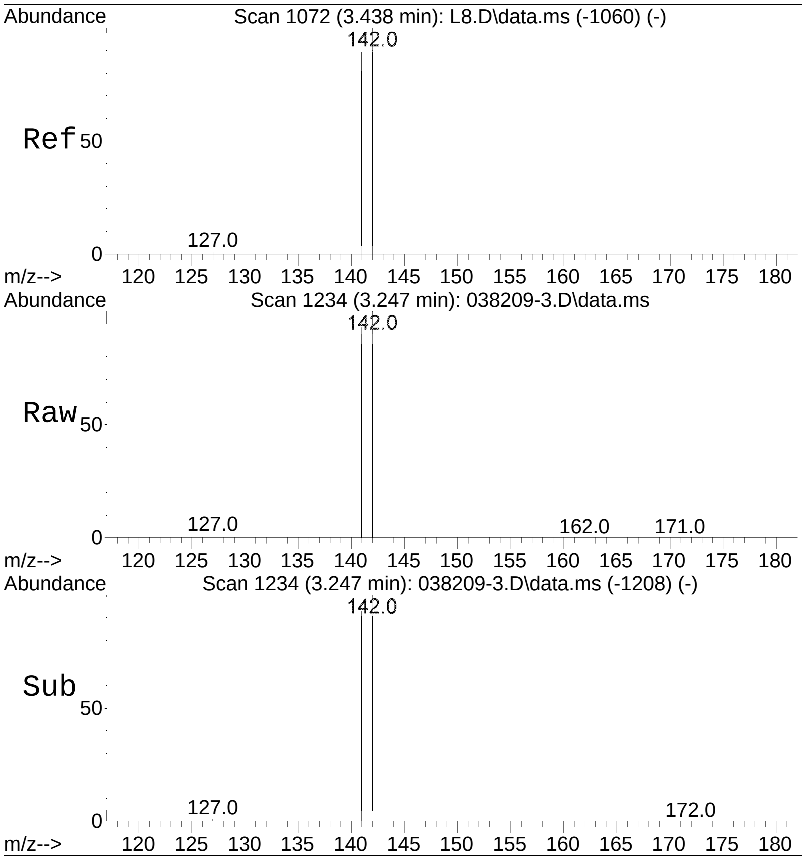


#11
Hexachlorobutadiene
Concen: 1180.00 ng/ml
RT: 2.941 min Scan# 1074
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:225 Resp: 77750

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.4	75.6

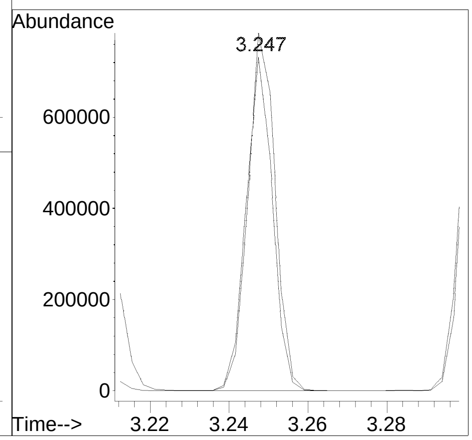


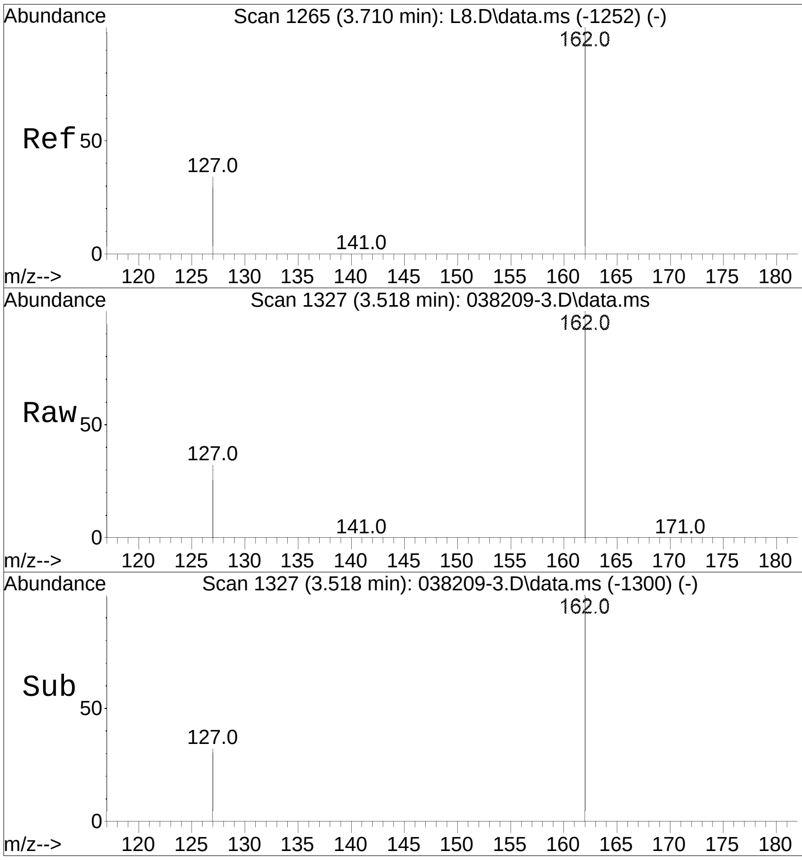


#12
2-Methylnaphthalene
Concen: 1434.81 ng/ml
RT: 3.247 min Scan# 1234
Delta R.T. -0.003 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:142 Resp: 375408

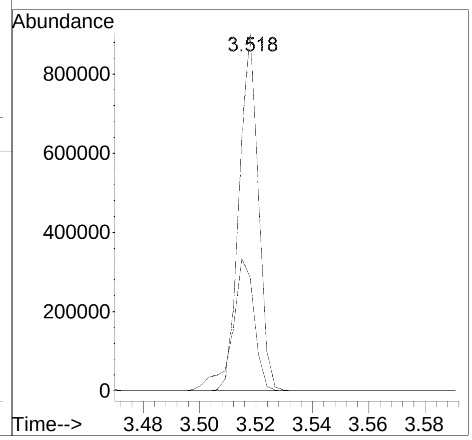
Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9

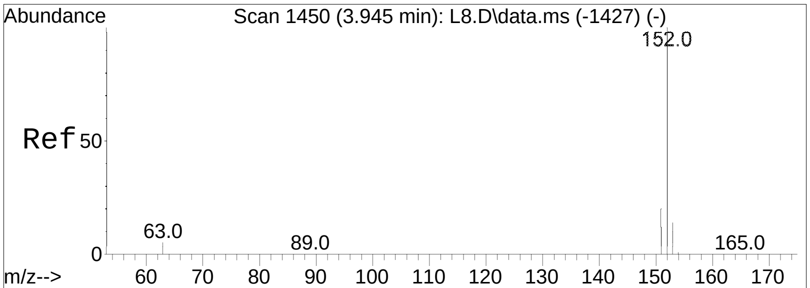


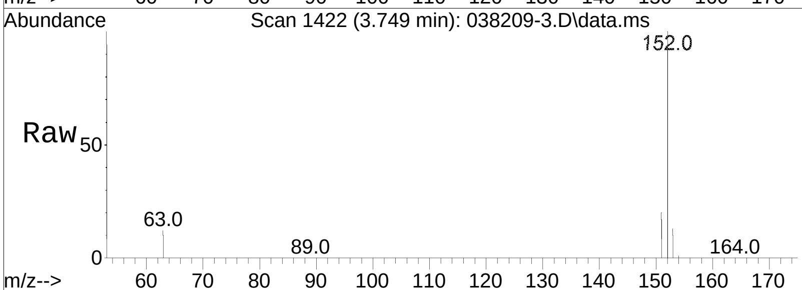


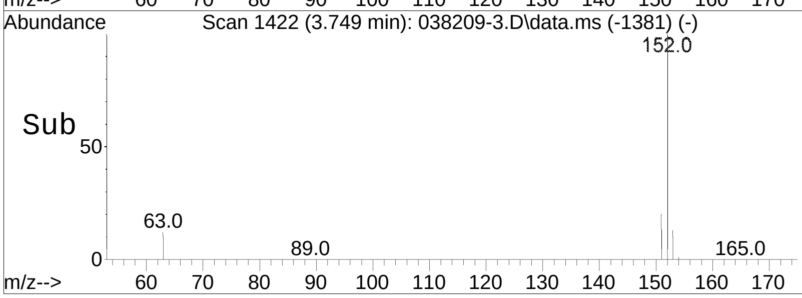
#15
2-Chloronaphthalene
Concen: 1555.97 ng/ml
RT: 3.518 min Scan# 1327
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:162	Resp:		420459
Ion	Ratio	Lower	Upper
162	100		
127	42.7	27.4	41.0#





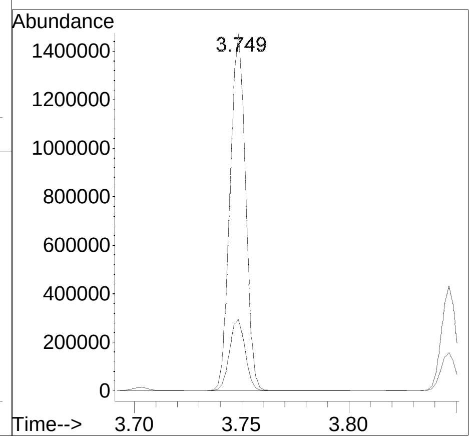


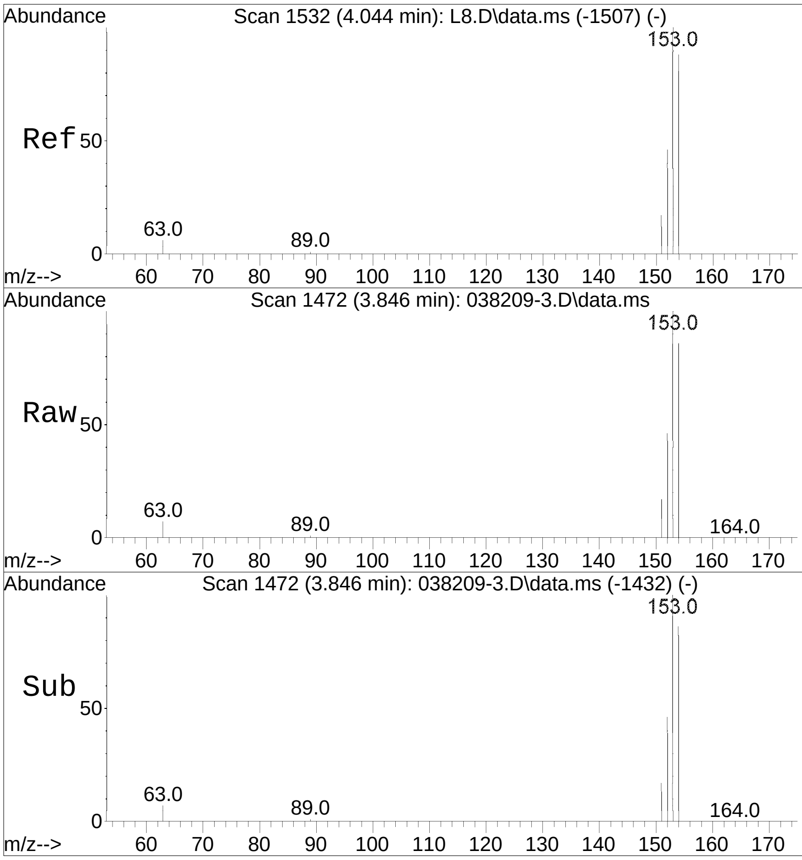


#17
Acenaphthylene
Concen: 1751.05 ng/ml
RT: 3.749 min Scan# 1422
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:152 Resp: 732777

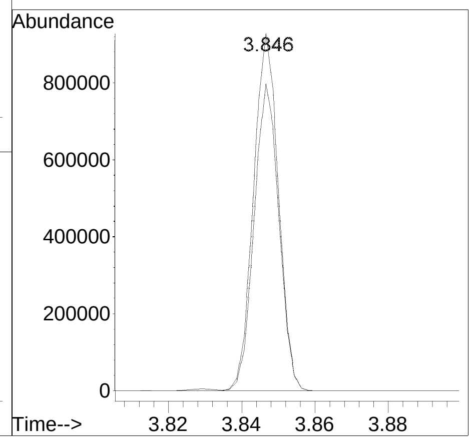
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9

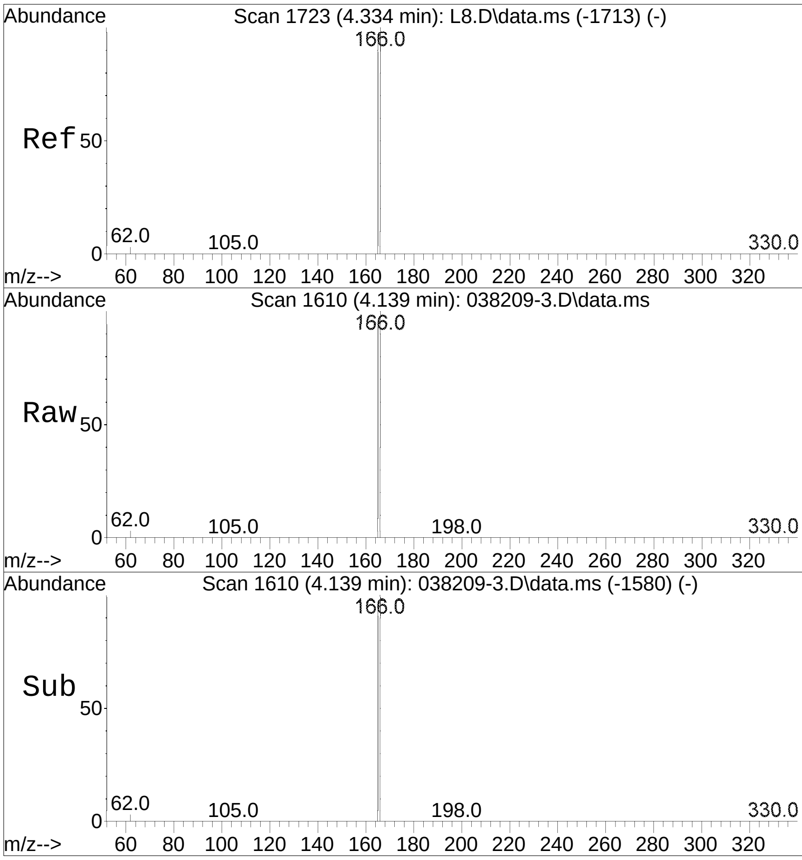




#19
Acenaphthene
Concen: 1821.61 ng/ml
RT: 3.846 min Scan# 1472
Delta R.T. -0.002 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt	Ion:153	Resp:	435299
Ion	Ratio	Lower	Upper
153	100		
154	85.6	73.1	109.7

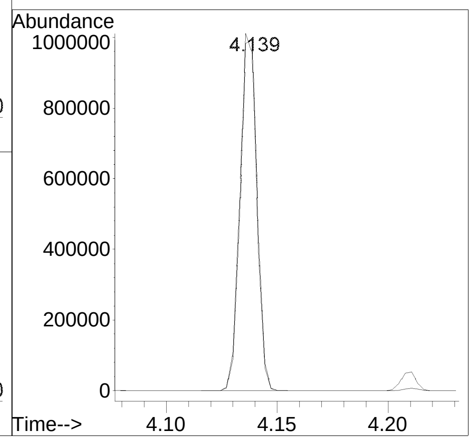


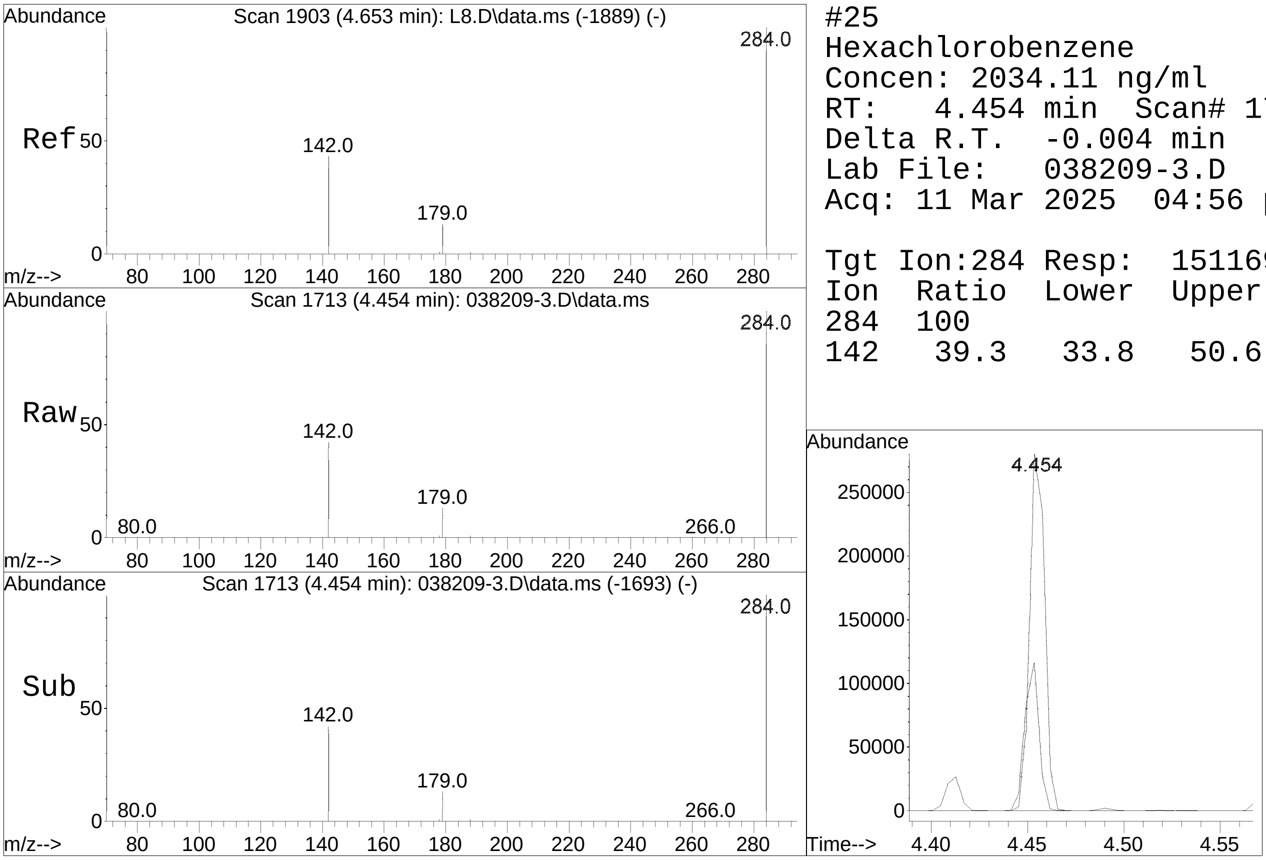


#21
Fluorene
Concen: 1928.12 ng/ml
RT: 4.139 min Scan# 1610
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:166 Resp: 529361

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.8

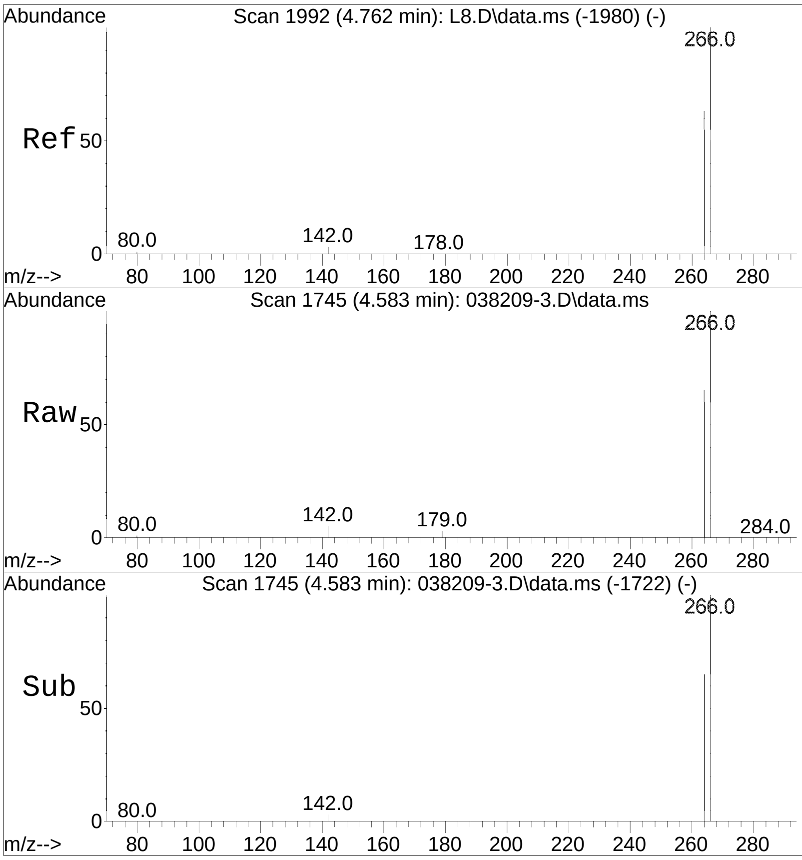




#25
Hexachlorobenzene
Concen: 2034.11 ng/ml
RT: 4.454 min Scan# 1713
Delta R.T. -0.004 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:284 Resp: 151169

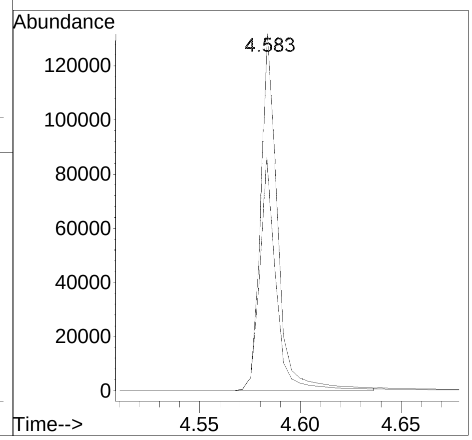
Ion	Ratio	Lower	Upper
284	100		
142	39.3	33.8	50.6

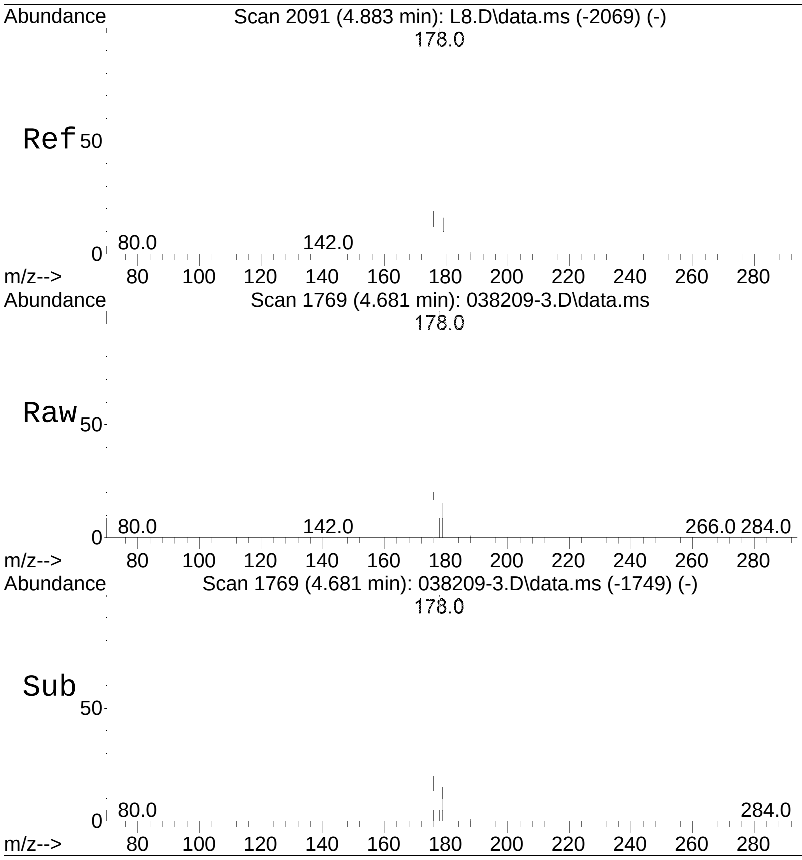


#26
Pentachlorophenol
Concen: 1945.45 ng/ml
RT: 4.583 min Scan# 1745
Delta R.T. 0.012 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:266 Resp: 76925

Ion	Ratio	Lower	Upper
266	100		
264	63.8	50.8	76.2

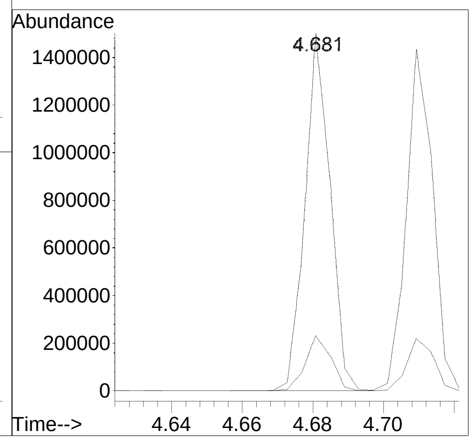


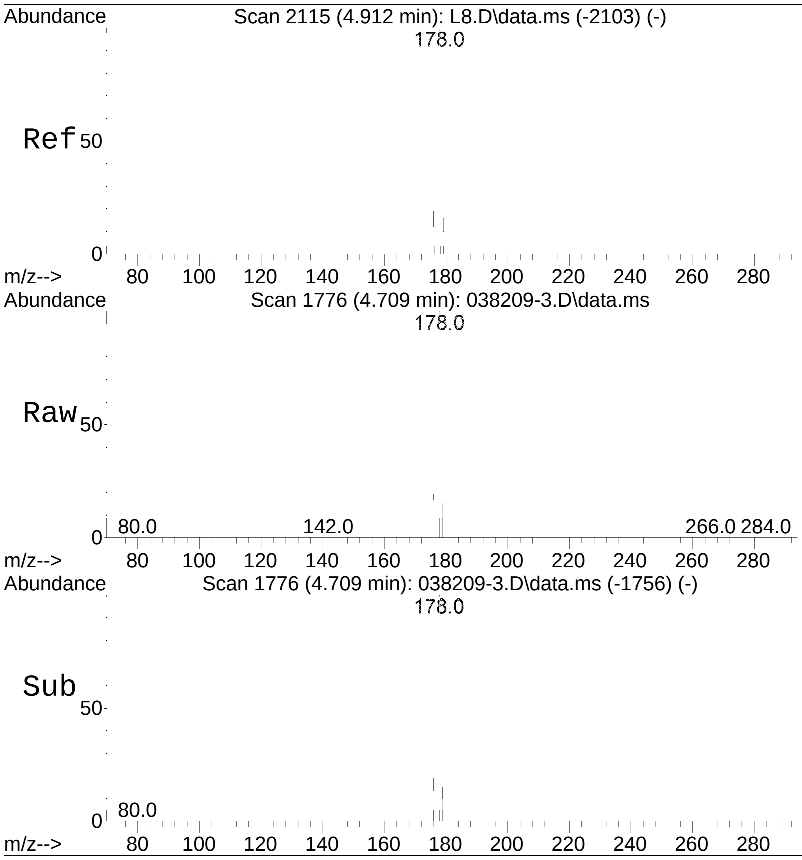


#27
Phenanthrene
Concen: 2013.08 ng/ml
RT: 4.681 min Scan# 1769
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:178 Resp: 742093

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2

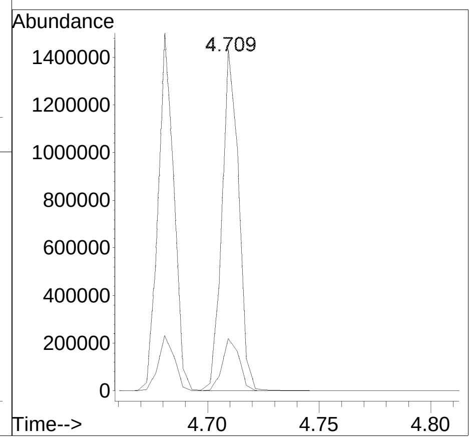


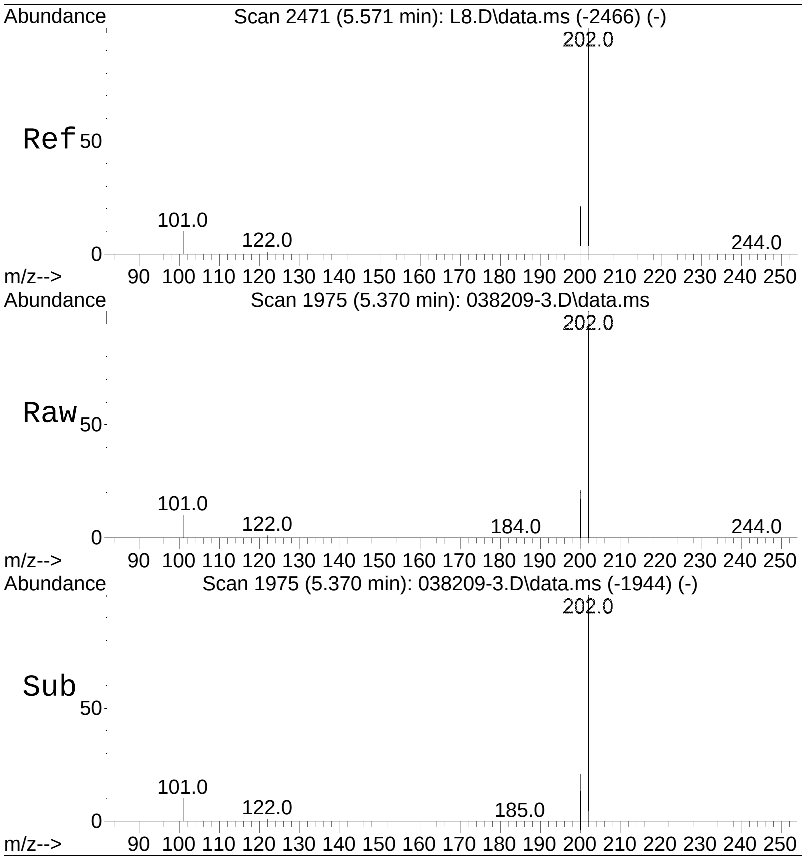


#28
Anthracene
Concen: 2021.70 ng/ml
RT: 4.709 min Scan# 1776
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:178 Resp: 747214

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8

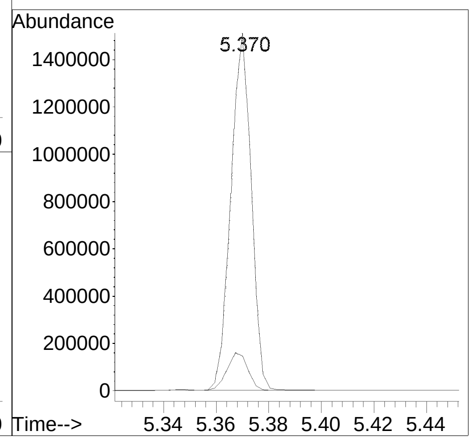


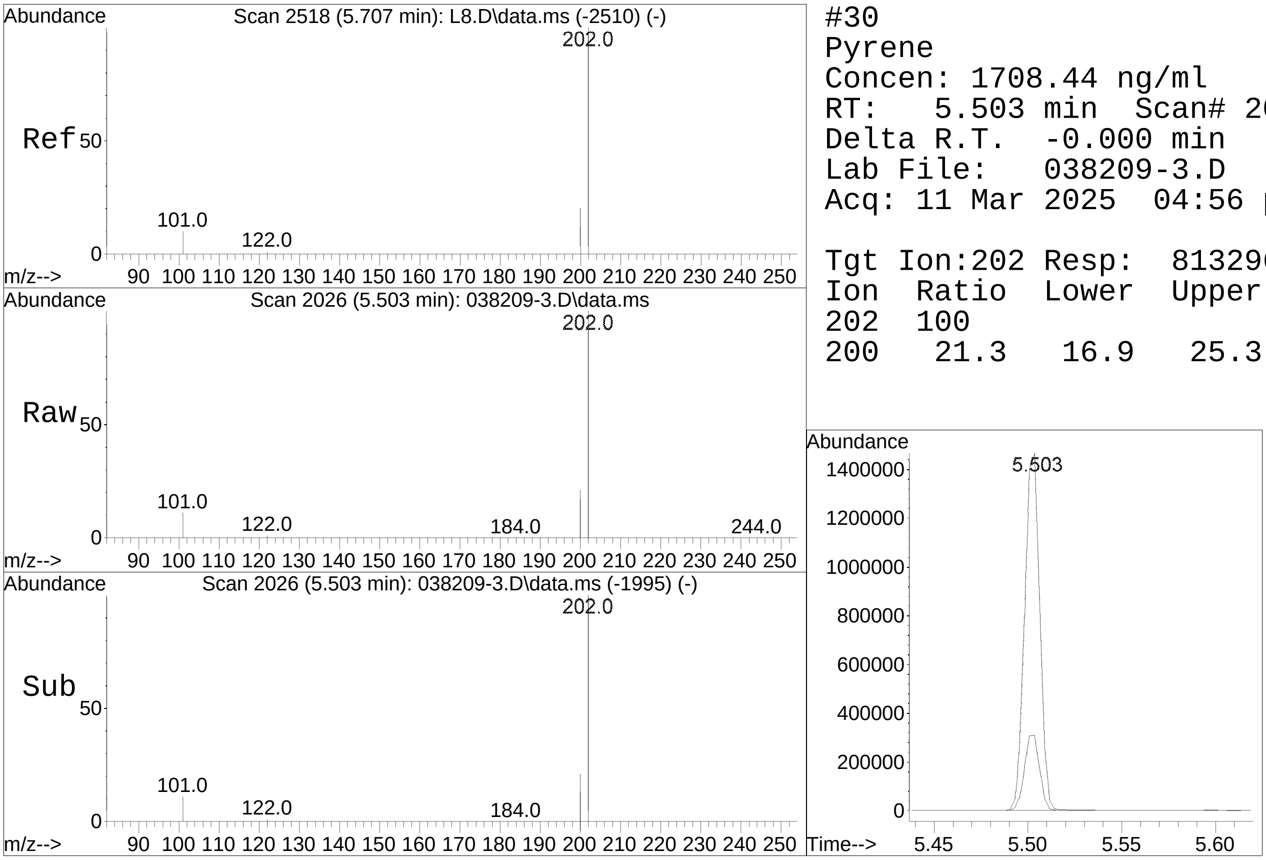


#29
Fluoranthene
Concen: 1749.61 ng/ml
RT: 5.370 min Scan# 1975
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:202 Resp: 806920

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.2	12.2

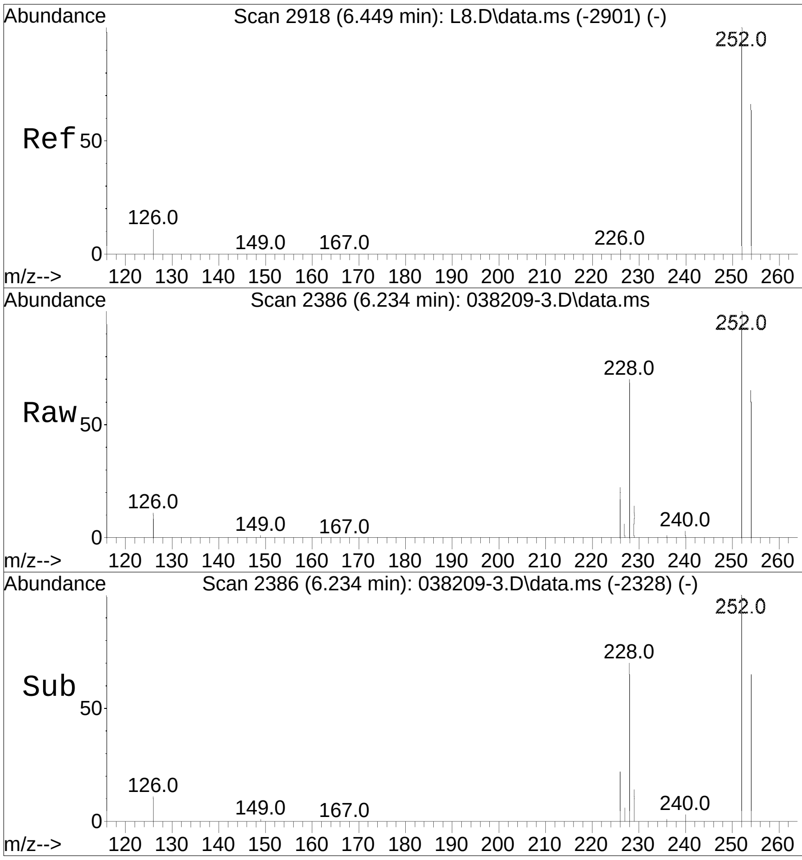




#30
Pyrene
Concen: 1708.44 ng/ml
RT: 5.503 min Scan# 2026
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:202 Resp: 813296

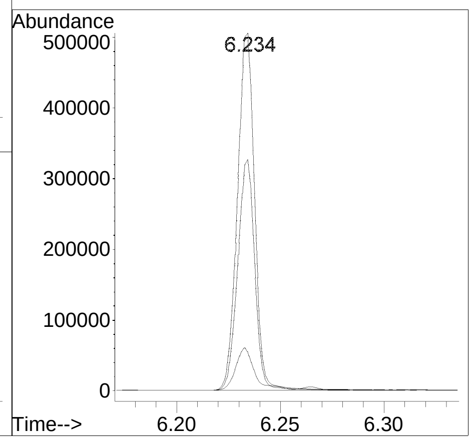
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3

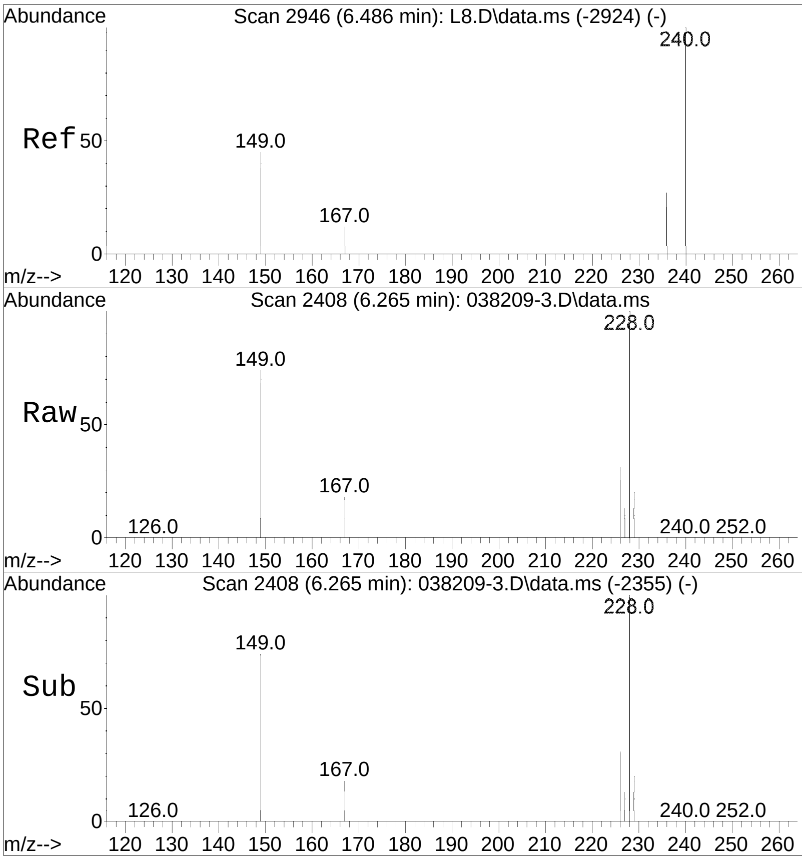


#35
3,3'-Dichlorobenzidine
Concen: 2295.70 ng/ml
RT: 6.234 min Scan# 2386
Delta R.T. 0.001 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:252 Resp: 290481

Ion	Ratio	Lower	Upper
252	100		
126	13.2	8.6	13.0#
254	64.0	51.8	77.8

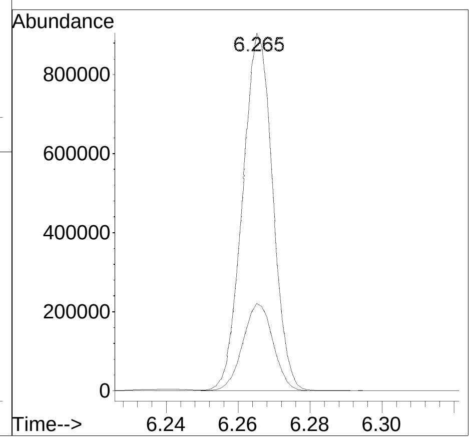


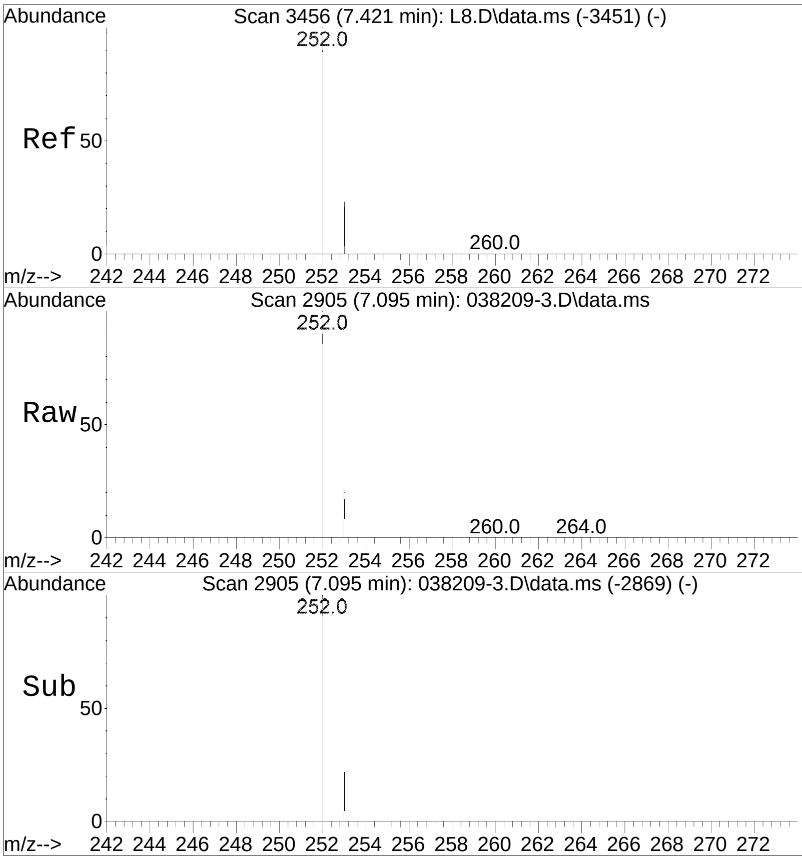


#37
Bis(2-ethylhexyl)phthalate
Concen: 2950.99 ng/ml
RT: 6.265 min Scan# 2408
Delta R.T. -0.006 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:149 Resp: 522538

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.7	31.1

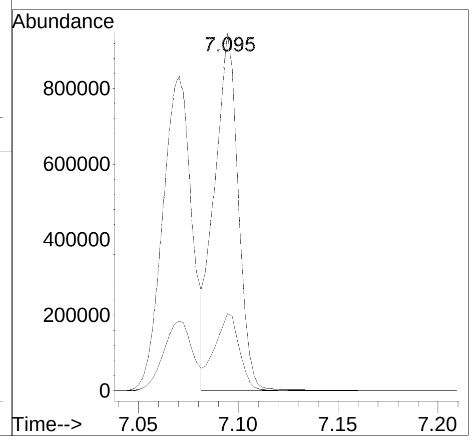


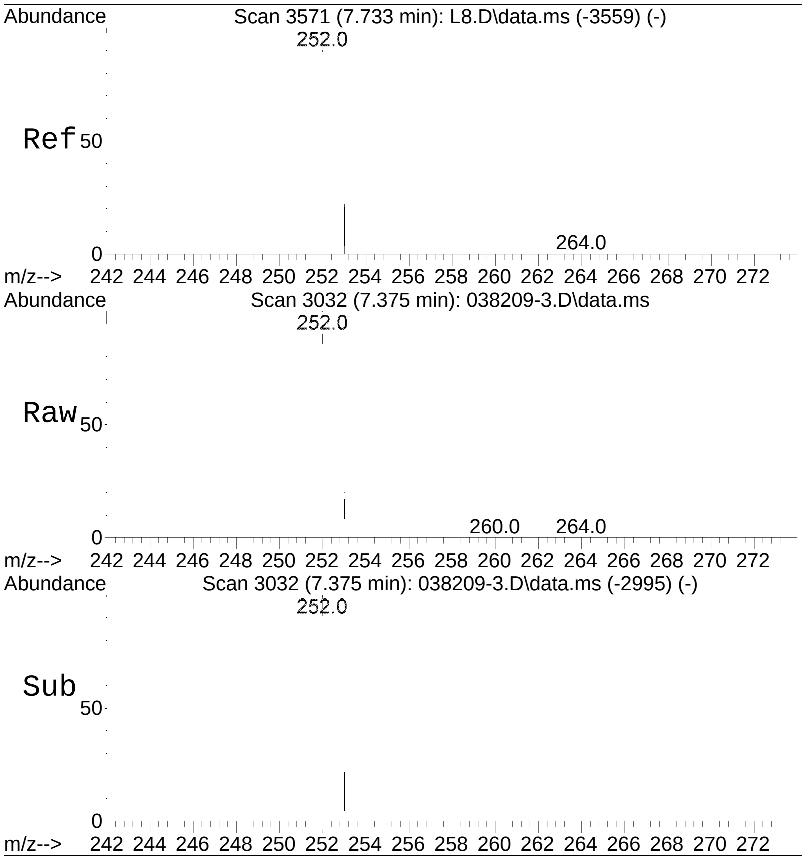


#40
Benzo[k]fluoranthene
Concen: 1990.27 ng/ml
RT: 7.095 min Scan# 2905
Delta R.T. -0.000 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:252 Resp: 789051

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2

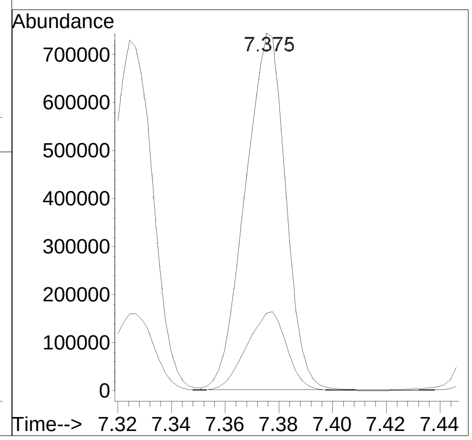


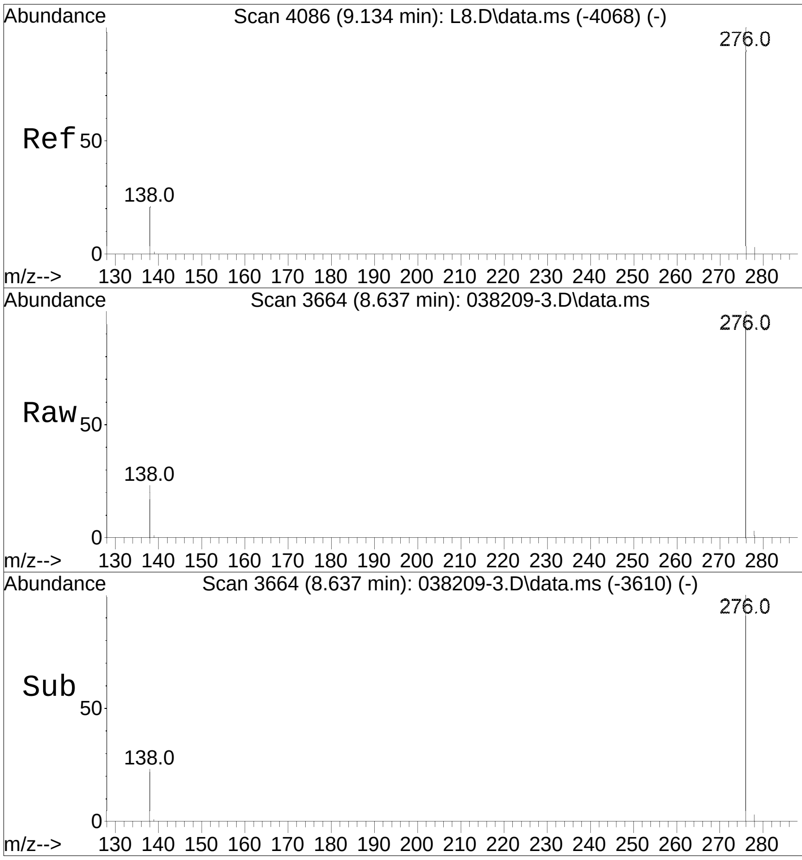


#41
Benzo[a]pyrene
Concen: 2274.74 ng/ml
RT: 7.375 min Scan# 3032
Delta R.T. 0.002 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:252 Resp: 775984

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9

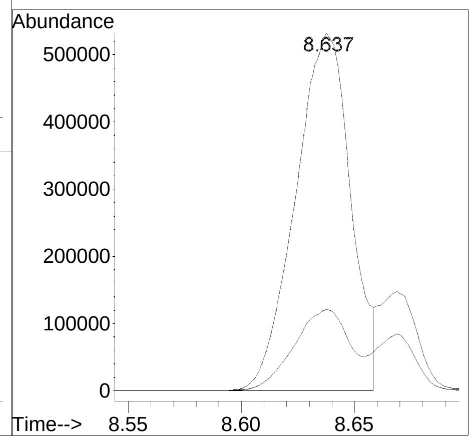


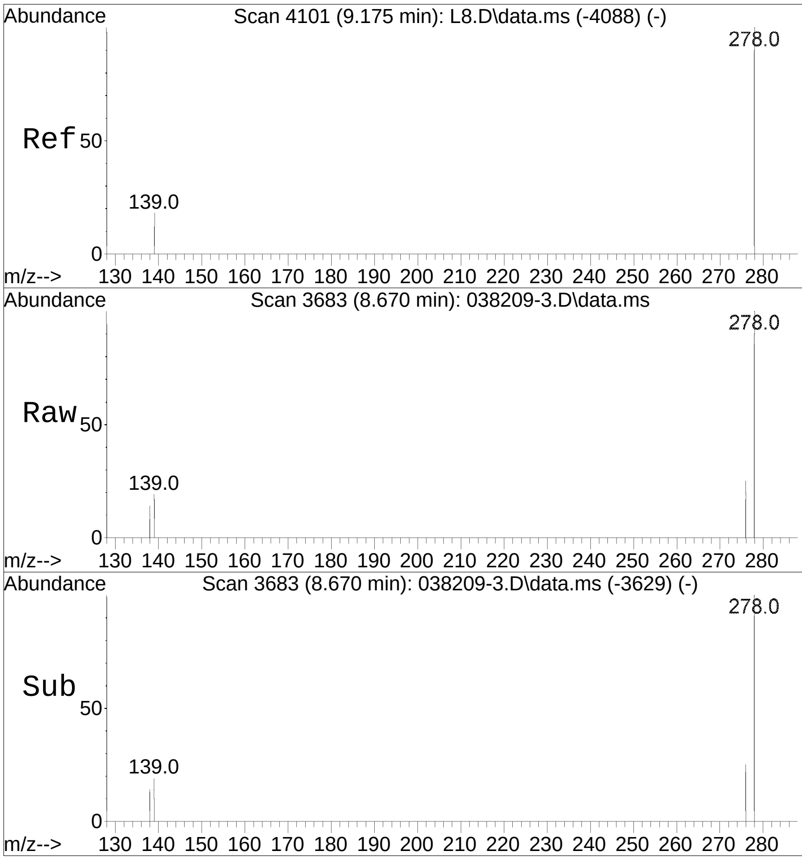


#42
Indeno[1,2,3-cd]pyrene
Concen: 2713.82 ng/ml
RT: 8.637 min Scan# 3664
Delta R.T. 0.014 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:276 Resp: 896257

Ion	Ratio	Lower	Upper
276	100		
138	23.1	16.9	25.3

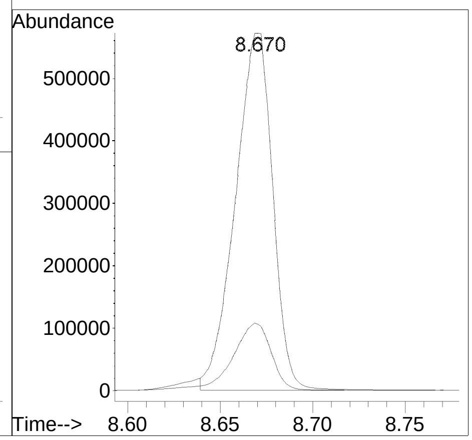


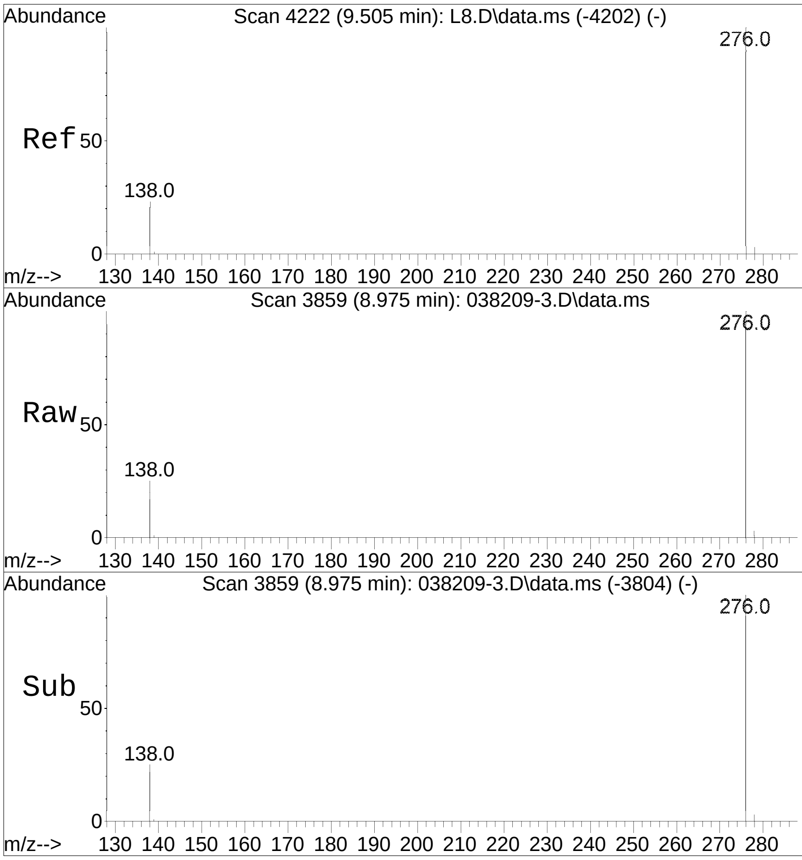


#43
Dibenzo[a,h]anthracene
Concen: 2611.13 ng/ml M6
RT: 8.670 min Scan# 3683
Delta R.T. 0.014 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:278 Resp: 799979

Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.6	22.0

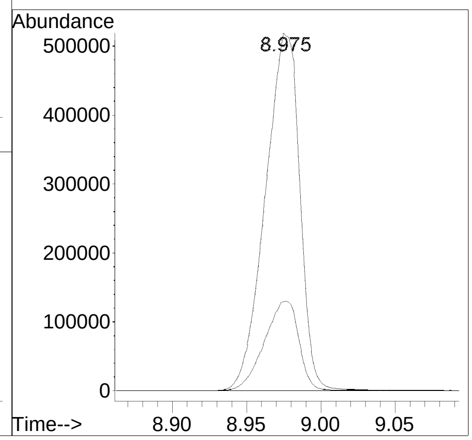




#44
Benzo[g,h,i]perylene
Concen: 2644.52 ng/ml
RT: 8.975 min Scan# 3859
Delta R.T. 0.015 min
Lab File: 038209-3.D
Acq: 11 Mar 2025 04:56 pm

Tgt Ion:276 Resp: 831257

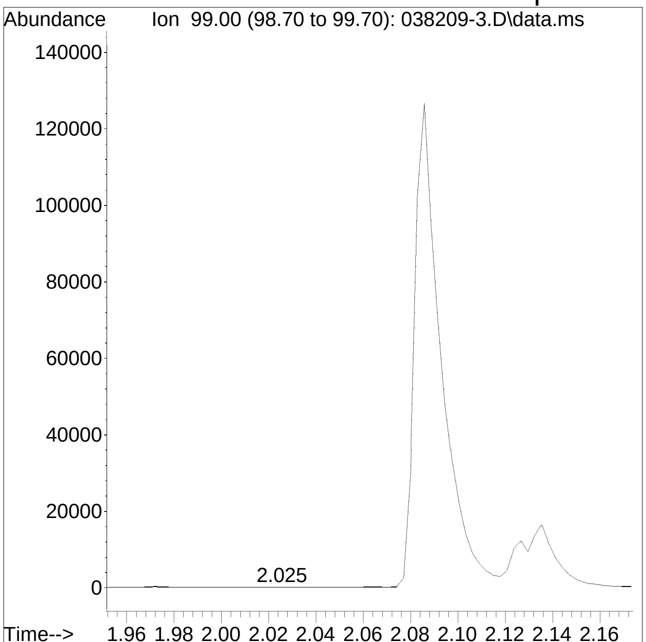
Ion	Ratio	Lower	Upper
276	100		
138	25.0	18.6	28.0

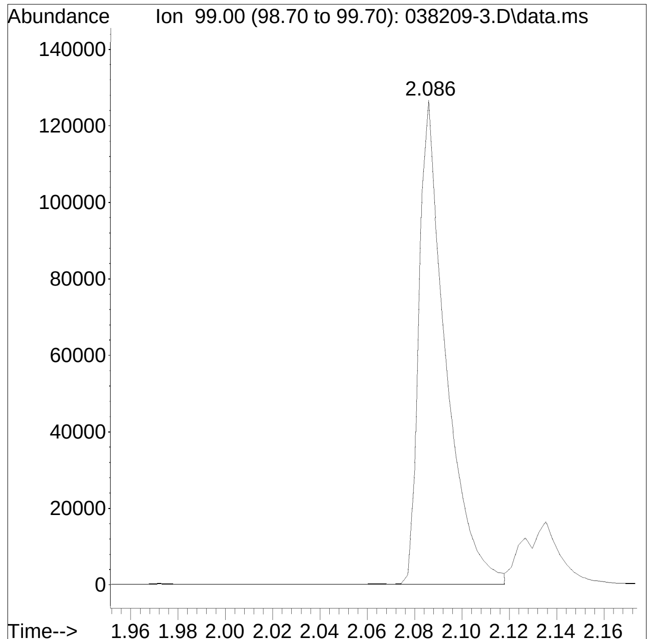


Manual Integration Report

```
Data Path   : I:\8270SIM\sv119\250311bRVQMethod     : SIM-RVT_241229_sv119.M
Data File   : 038209-3.D                 Operator    : sv119:rp
Date Inj'd  : 3/11/2025  4:56 pm         Instrument  : SV119
Sample      : WG2038209-3,32,,kmh        Quant Date  : 3/11/2025  5:10 pm
```

Compound #4: Phenol-d6





Original Peak Response = 56   Manual Peak Response = 99225 M3

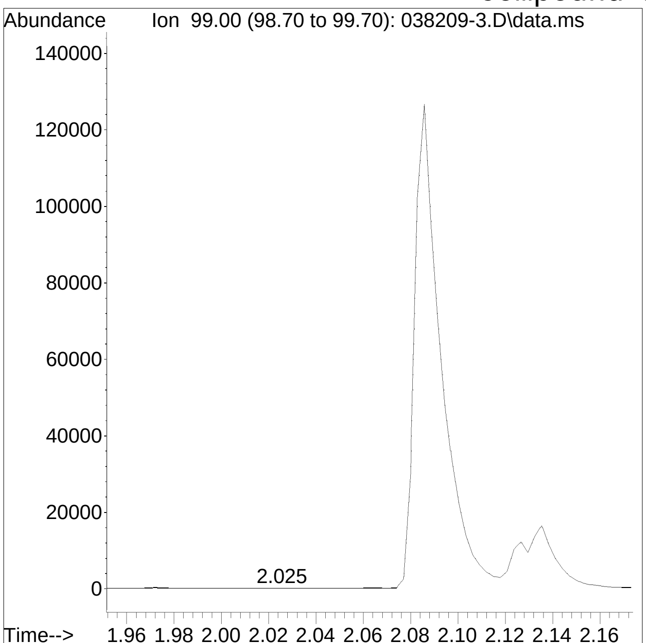
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

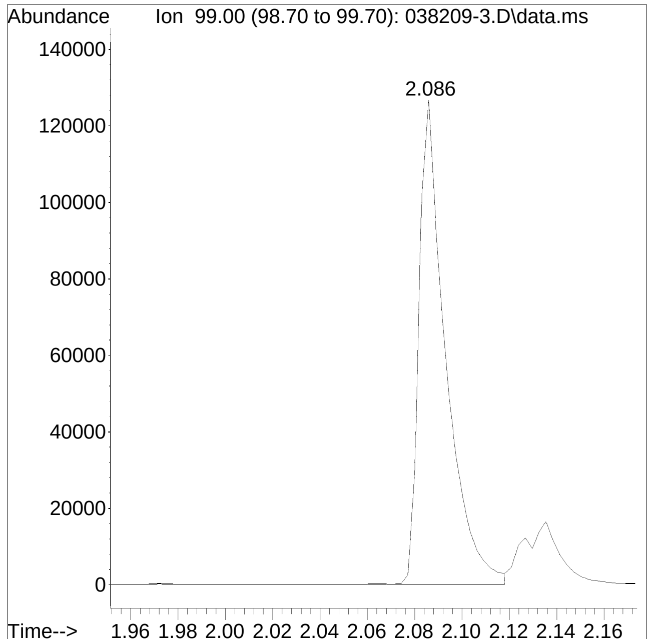
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 038209-3.D
Date Inj'd : 3/11/2025 4:56 pm
Sample : WG2038209-3,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:rp
Instrument : SV119
Quant Date : 3/11/2025 5:10 pm

Compound #4: Phenol-d6





Original Peak Response = 56

Manual Peak Response = 99225 M3

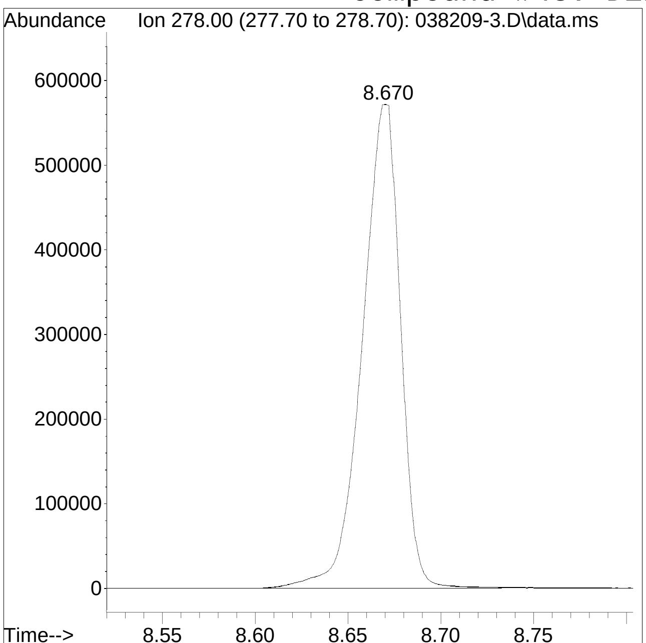
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

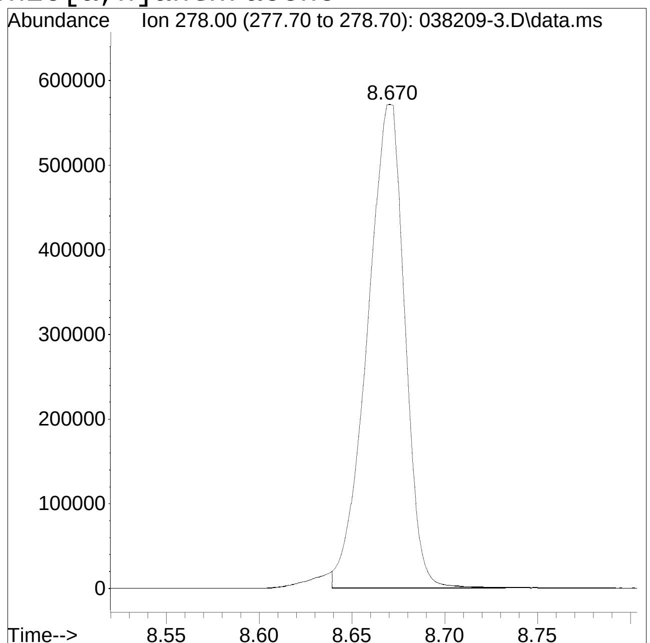
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 038209-3.D
Date Inj'd : 3/11/2025 4:56 pm
Sample : WG2038209-3,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:rp
Instrument : SV119
Quant Date : 3/11/2025 5:10 pm

Compound #43: Dibenzo[a,h]anthracene





Original Peak Response = 819208
Manual Peak Response = 799979 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

```
Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-4.D
Acq On    : 11 Mar 2025  07:46 pm
Operator  : sv119:jjw
Sample    : WG2038209-4,32,,kmh
Misc      : WG2039073,WG2038209,ical21826
ALS Vial  : 34   Sample Multiplier: 1

Quant Time: Mar 12 11:08:18 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title  : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List     : DEFAULT - All compounds listed

       Compound                      R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
 1) 1,4-Dichlorobenzene-d4       2.214  152    351857   4000.000 ng/ml    0.00
   Standard Area 1 = 325676                  Recovery   =  108.04%
 9) Naphthalene-d8               2.863  136   1351189   4000.000 ng/ml    0.00
   Standard Area 1 = 1225929                  Recovery   =  110.22%
18) Acenaphthene-d10             3.827  164    719152   4000.000 ng/ml    0.00
   Standard Area 1 = 688151                  Recovery   =  104.50%
23) Phenanthrene-d10             4.666  188   1314055   4000.000 ng/ml    0.00
   Standard Area 1 = 1410915                  Recovery   =   93.13%
33) Chrysene-d12                 6.244  240   1054507   4000.000 ng/ml    0.00
   Standard Area 1 = 1283861                  Recovery   =   82.14%
38) Perylene-d12                 7.431  264   1240452   4000.000 ng/ml    0.00
   Standard Area 1 = 1327611                  Recovery   =   93.43%

 System Monitoring Compounds
 3) 2-Fluorophenol               1.687  112     81364   863.041 ng/ml   0.03
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   43.15%
 4) Phenol-d6                    2.077   99     79494M1   675.581 ng/ml   0.04

   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   33.78%
 8) Nitrobenzene-d5              2.491   82    111499   977.167 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   97.72%
14) 2-Fluorobiphenyl             3.451  172    276180   838.228 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   83.82%
22) 2,4,6-Tribromophenol         4.280  330     43840   1396.742 ng/ml   0.00
   Spiked Amount   2000.000   Range  15 - 110    Recovery   =   69.84%
32) 4-Terphenyl-d14              5.594  244    262481   805.190 ng/ml   0.00
   Spiked Amount   1000.000   Range  30 - 130    Recovery   =   80.52%

 Target Compounds                                                  Qvalue
 7) Hexachloroethane             2.459  117      54681   1198.986 ng/ml     95
10) Naphthalene                  2.872  128     591917   1570.713 ng/ml    100
11) Hexachlorobutadiene          2.940  225      78411   1182.343 ng/ml    100
12) 2-Methylnaphthalene          3.248  142     373496   1418.278 ng/ml     99
15) 2-Chloronaphthalene          3.515  162     414864   1525.342 ng/ml#    85
17) Acenaphthylene               3.747  152     721064   1711.927 ng/ml     99
19) Acenaphthene                 3.845  153     440693   1837.377 ng/ml     94
21) Fluorene                     4.136  166     531793   1929.830 ng/ml     97
25) Hexachlorobenzene            4.455  284     155251   2004.354 ng/ml     95
```

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-4.D
Acq On : 11 Mar 2025 07:46 pm
Operator : sv119:jjw
Sample : WG2038209-4,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 12 11:08:18 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Pentachlorophenol	4.581	266	56245	1405.007	ng/ml	100
27) Phenanthrene	4.678	178	743629	1935.476	ng/ml	99
28) Anthracene	4.707	178	758316	1968.568	ng/ml	100
29) Fluoranthene	5.366	202	842079	1751.830	ng/ml	98
30) Pyrene	5.500	202	857957	1729.202	ng/ml	100
34) Benzo[a]anthracene	6.237	228	776418	2087.000	ng/ml	100
36) Chrysene	6.260	228	719255	1981.000	ng/ml	100
39) Benzo[b]fluoranthene	7.064	252	853052	2075.008	ng/ml	98
40) Benzo[k]fluoranthene	7.088	252	805941	1987.974	ng/ml	99
41) Benzo[a]pyrene	7.369	252	772227	2213.725	ng/ml	99
42) Indeno[1,2,3-cd]pyrene	8.627	276	911607	2699.333	ng/ml	97
43) Dibenzo[a,h]anthracene	8.660	278	794281M6	2535.272	ng/ml	
44) Benzo[g,h,i]perylene	8.966	276	823780	2562.851	ng/ml	96

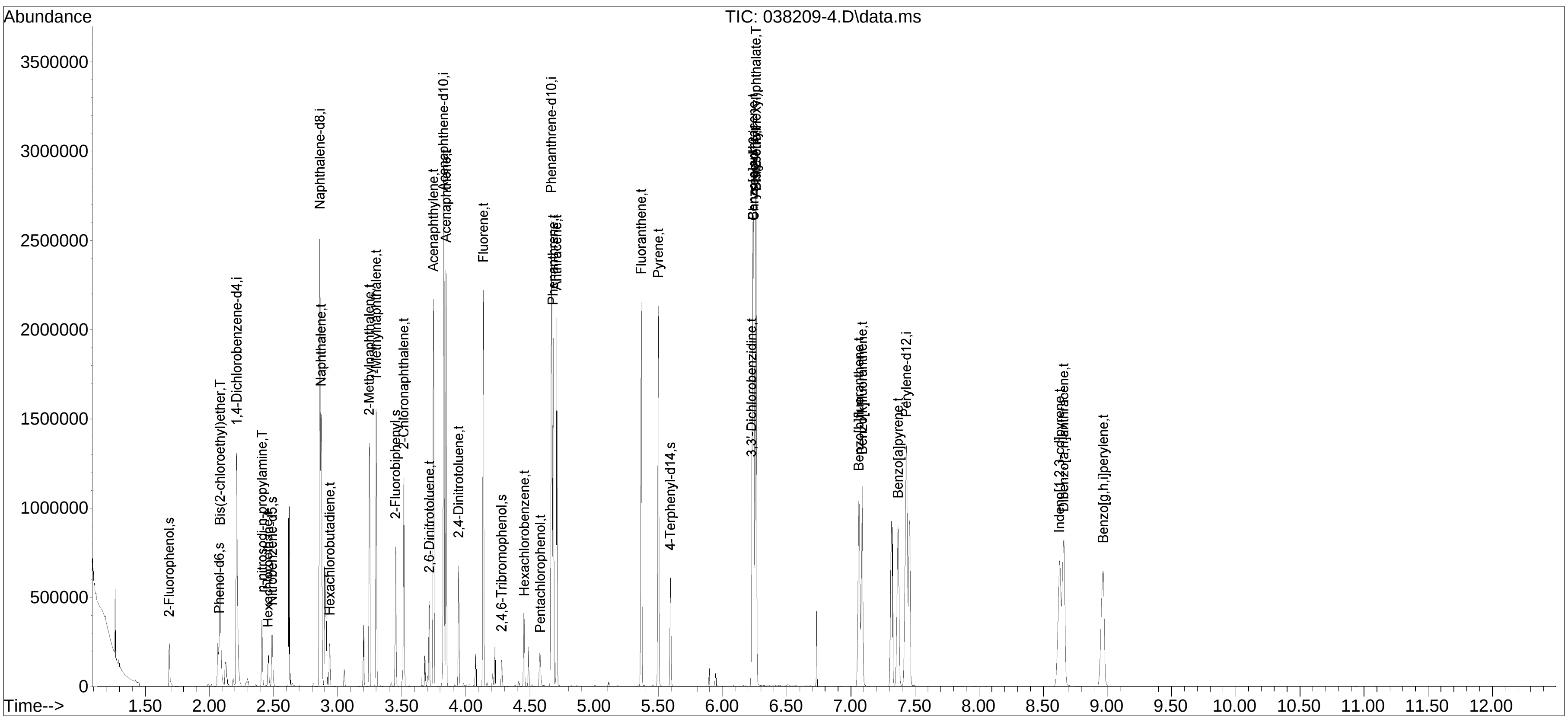
(#) = qualifier out of range (m) = manual integration (+) = signals summed

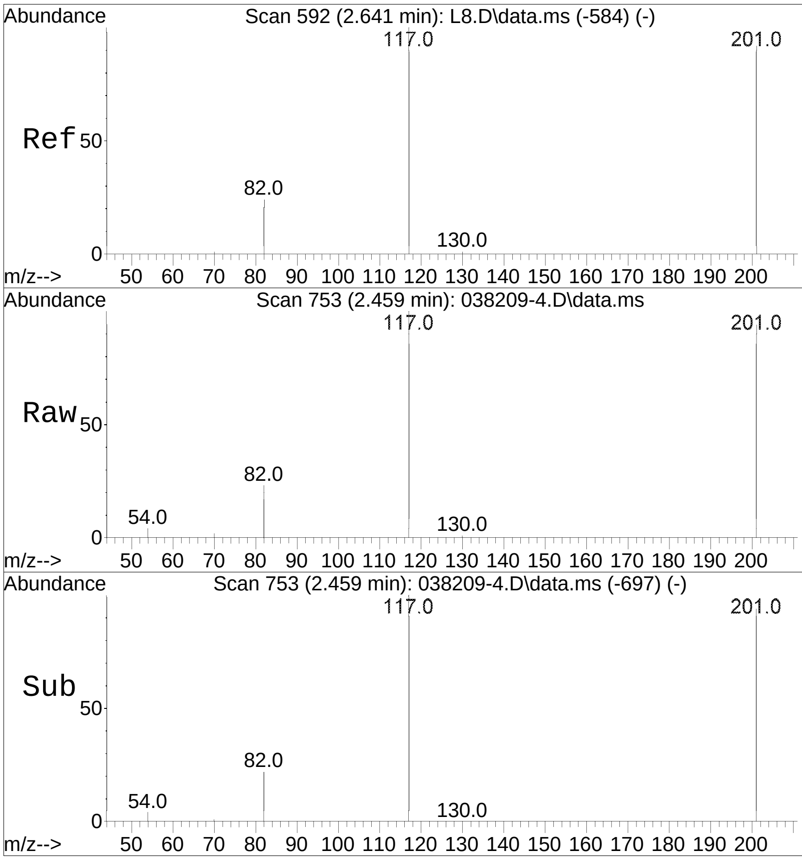
Quantitation Report   (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-4.D
Acq On   : 11 Mar 2025 07:46 pm
Operator : sv119:jjw
Sample   : WG2038209-4,32,,kmh
Misc   : WG2039073,WG2038209,ical21826
ALS Vial : 34   Sample Multiplier: 1

Quant Time: Mar 12 11:08:18 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

Sub List   : DEFAULT - All compounds listedT\ccv0311b.D•

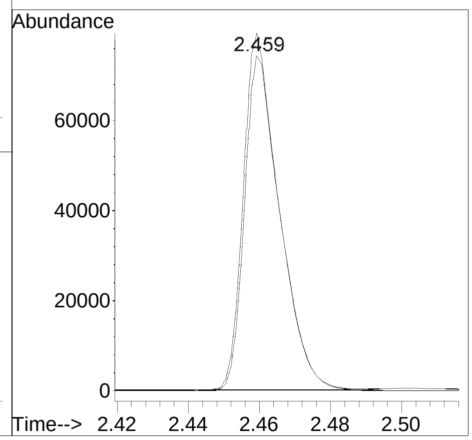


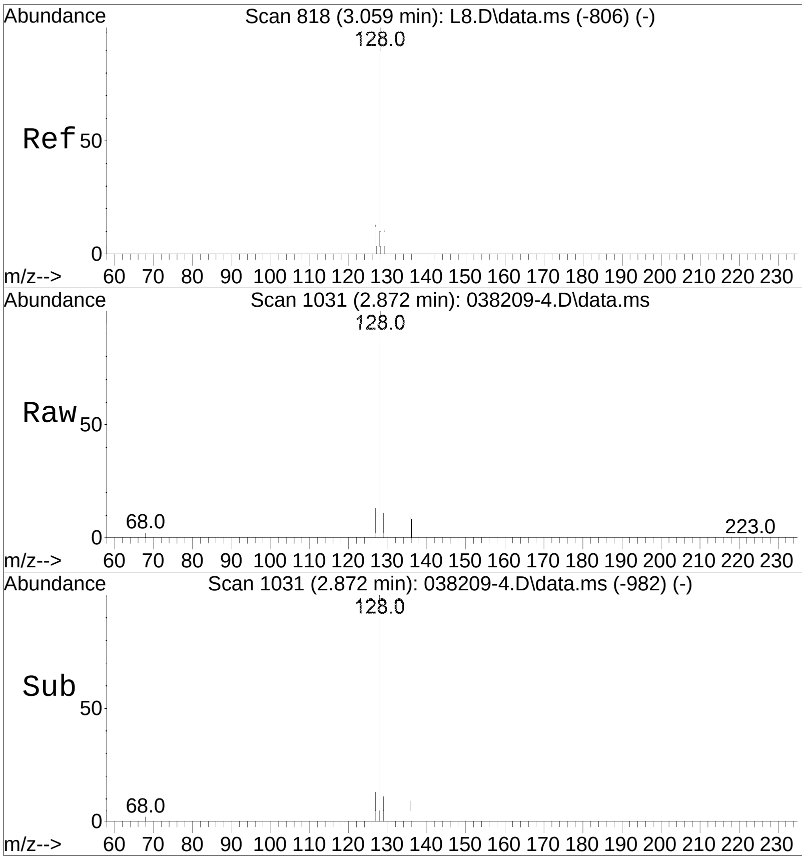


#7
Hexachloroethane
Concen: 1198.99 ng/ml
RT: 2.459 min Scan# 753
Delta R.T. -0.001 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:117 Resp: 54681

Ion	Ratio	Lower	Upper
117	100		
201	94.3	79.3	118.9

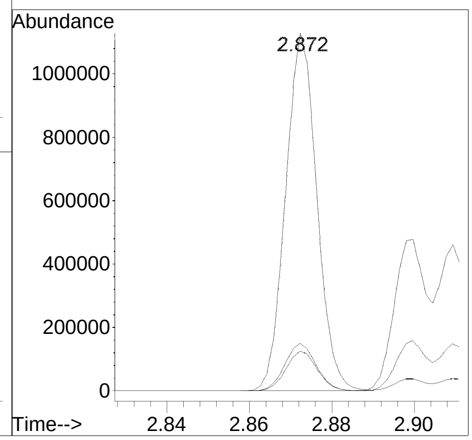


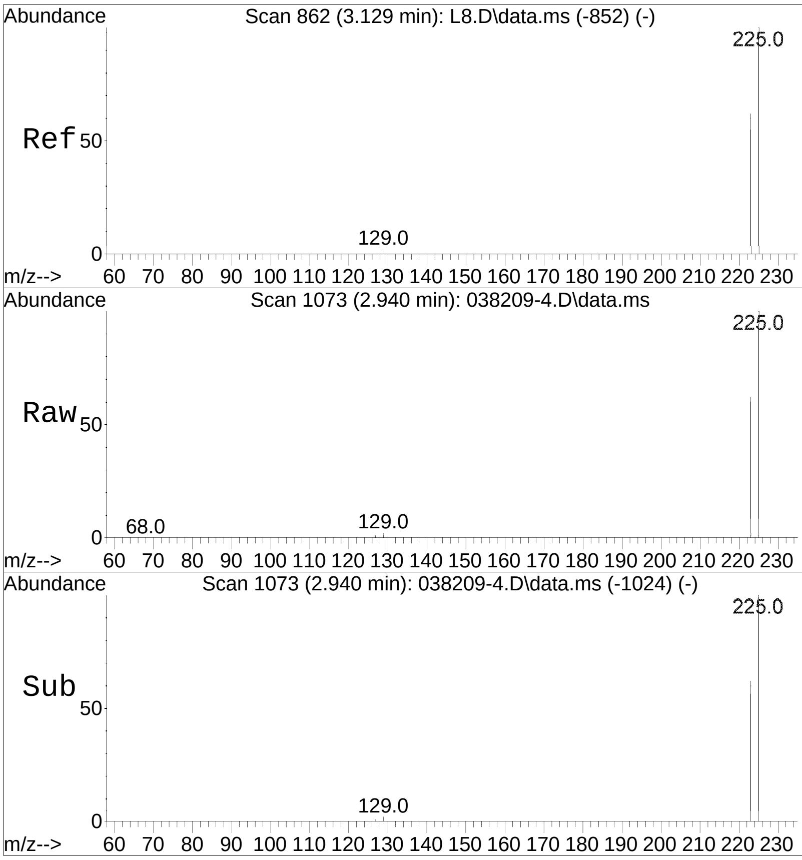


#10
Naphthalene
Concen: 1570.71 ng/ml
RT: 2.872 min Scan# 1031
Delta R.T. -0.001 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:128 Resp: 591917

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	10.5	15.7

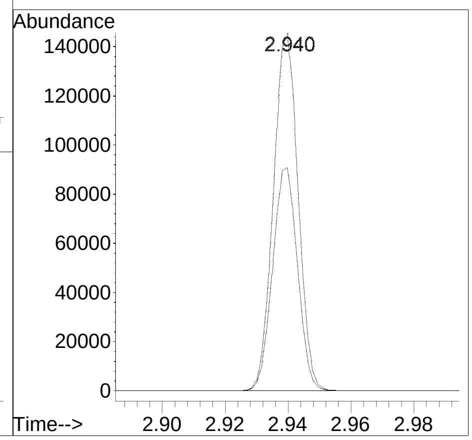


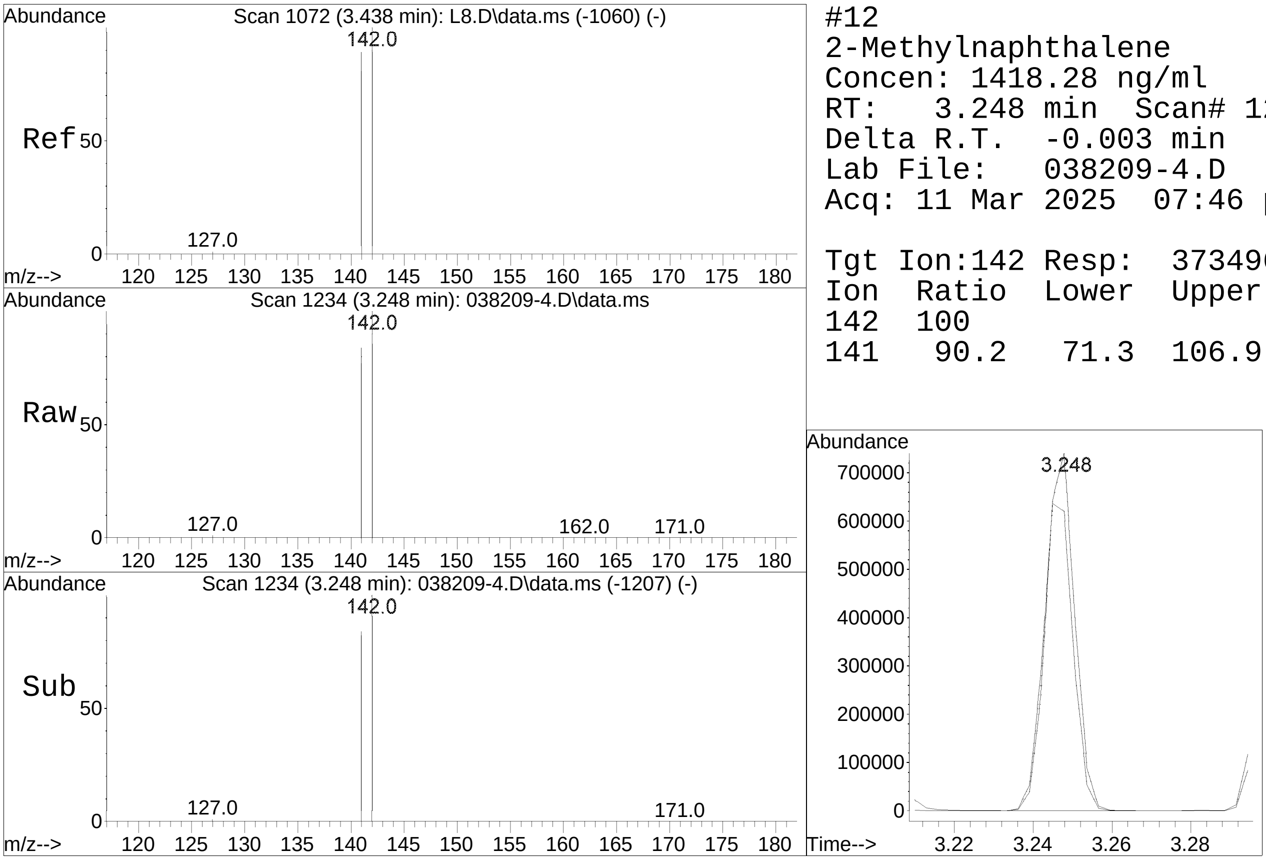


#11
Hexachlorobutadiene
Concen: 1182.34 ng/ml
RT: 2.940 min Scan# 1073
Delta R.T. -0.001 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:225 Resp: 78411

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6

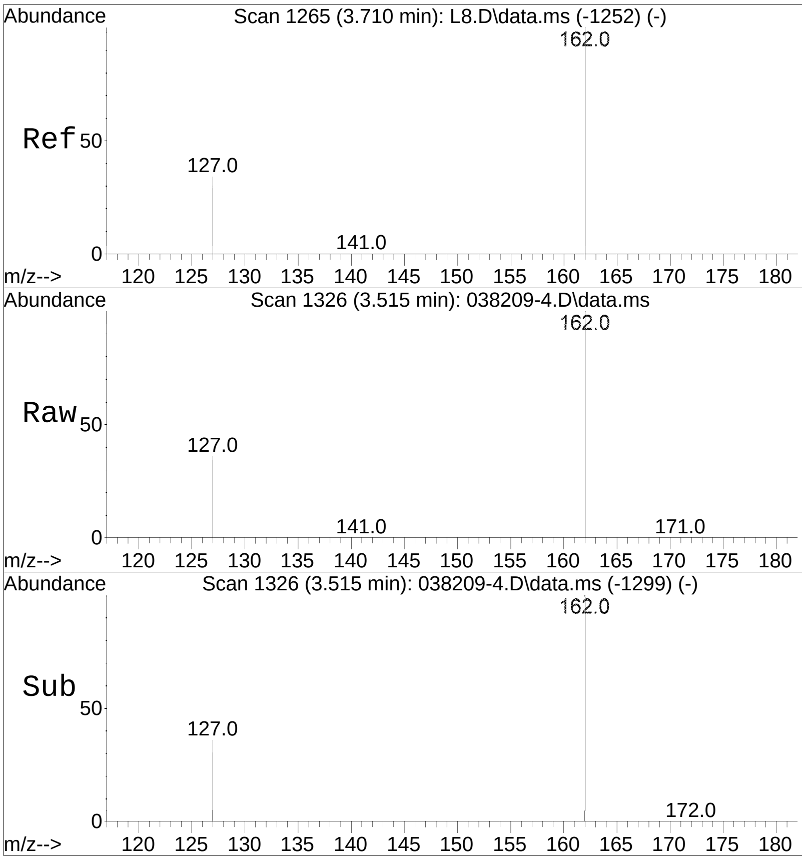




#12
2-Methylnaphthalene
Concen: 1418.28 ng/ml
RT: 3.248 min Scan# 1234
Delta R.T. -0.003 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:142 Resp: 373496

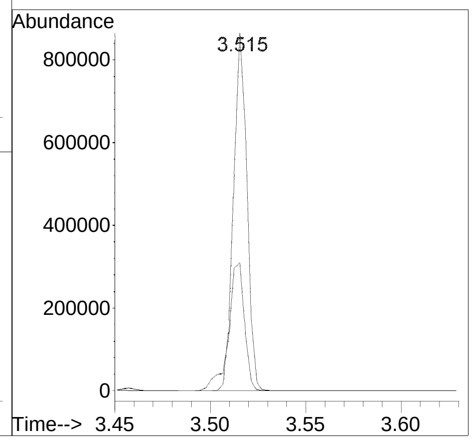
Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9

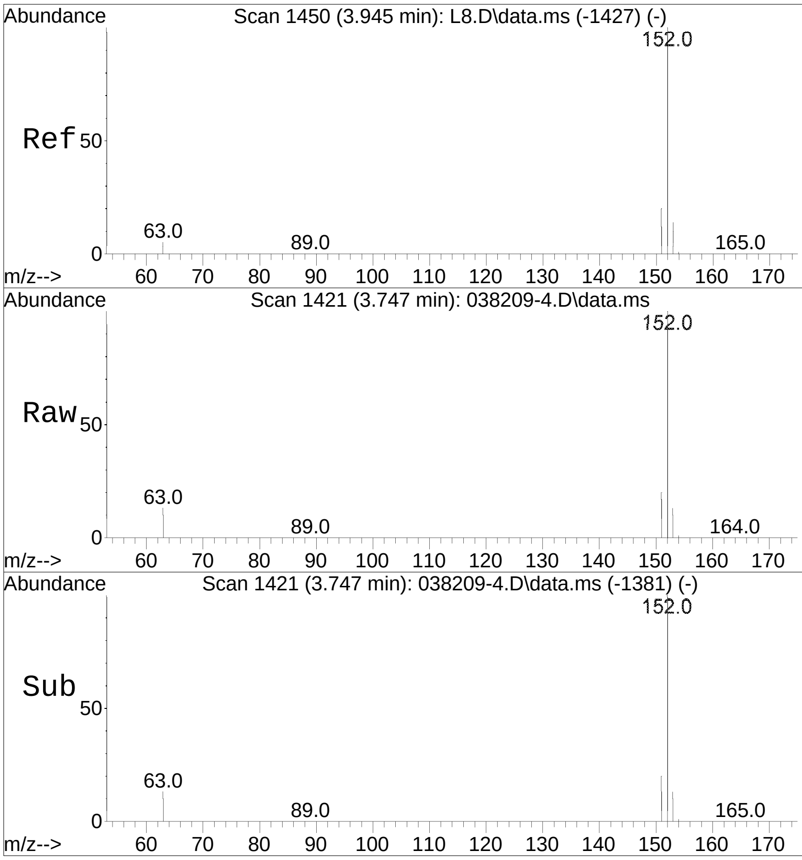


#15
2-Chloronaphthalene
Concen: 1525.34 ng/ml
RT: 3.515 min Scan# 1326
Delta R.T. -0.003 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:162 Resp: 414864

Ion	Ratio	Lower	Upper
162	100		
127	42.6	27.4	41.0#

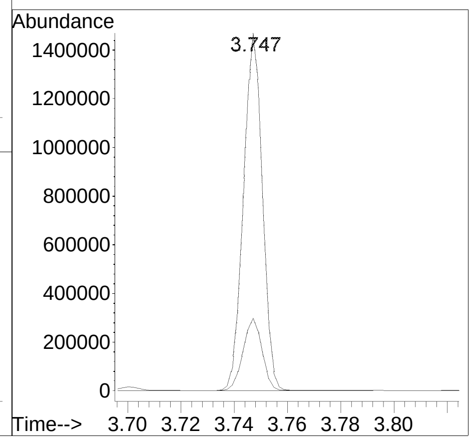


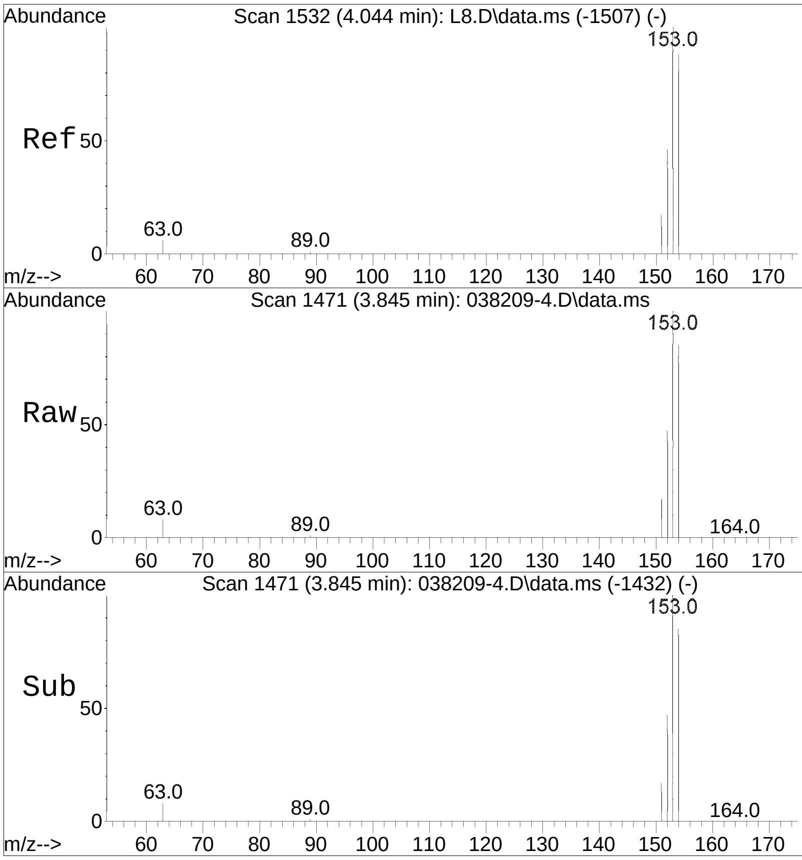


#17
Acenaphthylene
Concen: 1711.93 ng/ml
RT: 3.747 min Scan# 1421
Delta R.T. -0.002 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:152 Resp: 721064

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9

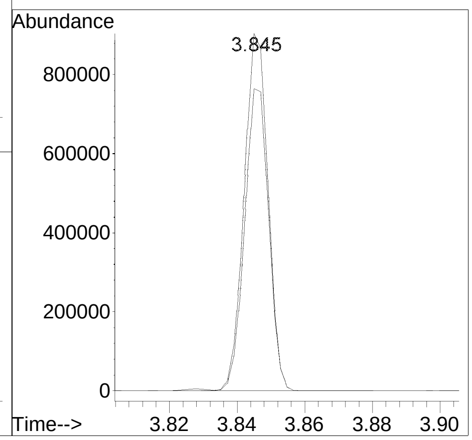


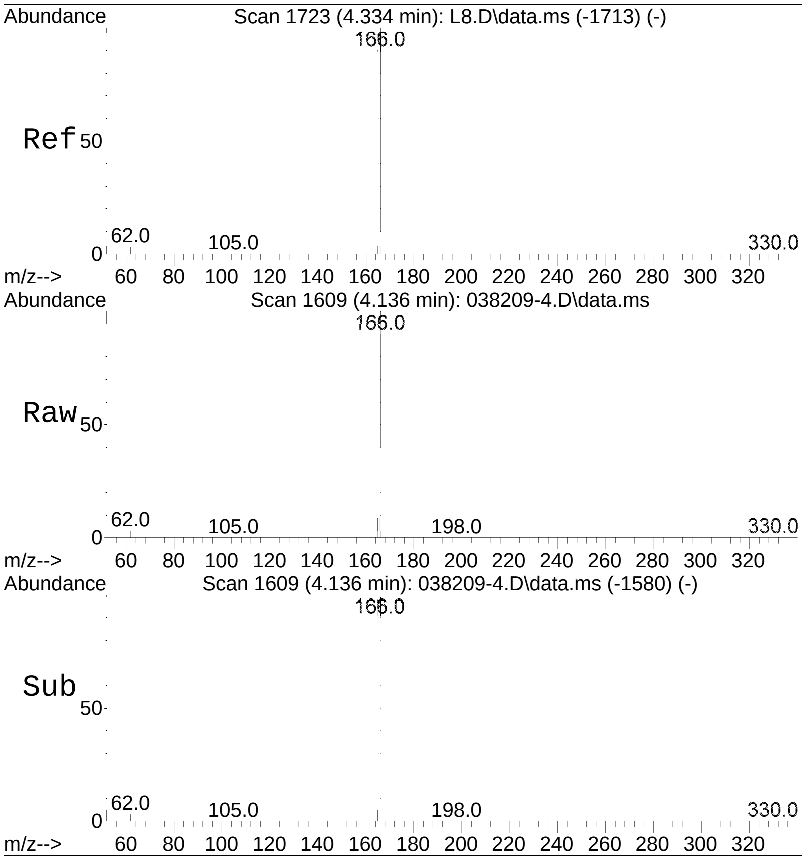


#19
Acenaphthene
Concen: 1837.38 ng/ml
RT: 3.845 min Scan# 1471
Delta R.T. -0.004 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:153 Resp: 440693

Ion	Ratio	Lower	Upper
153	100		
154	85.6	73.1	109.7

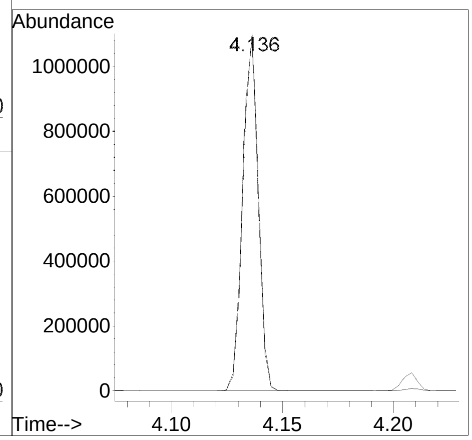


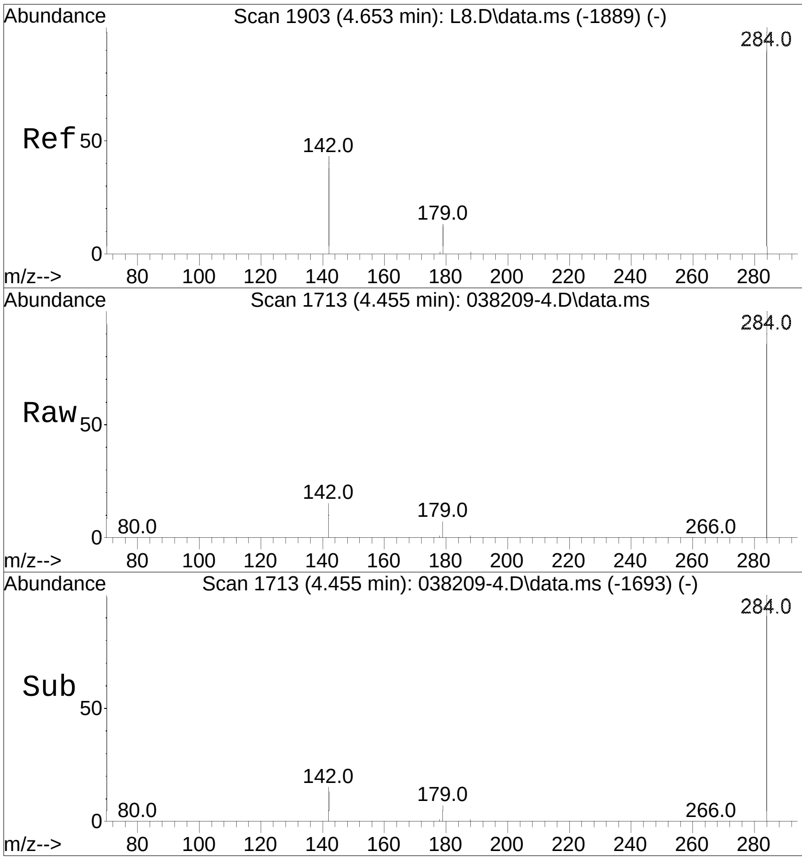


#21
Fluorene
Concen: 1929.83 ng/ml
RT: 4.136 min Scan# 1609
Delta R.T. -0.003 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:166 Resp: 531793

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.8

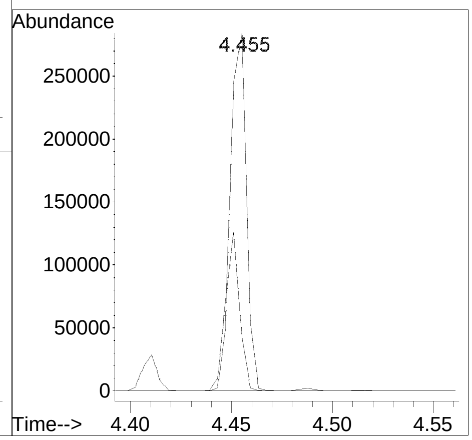


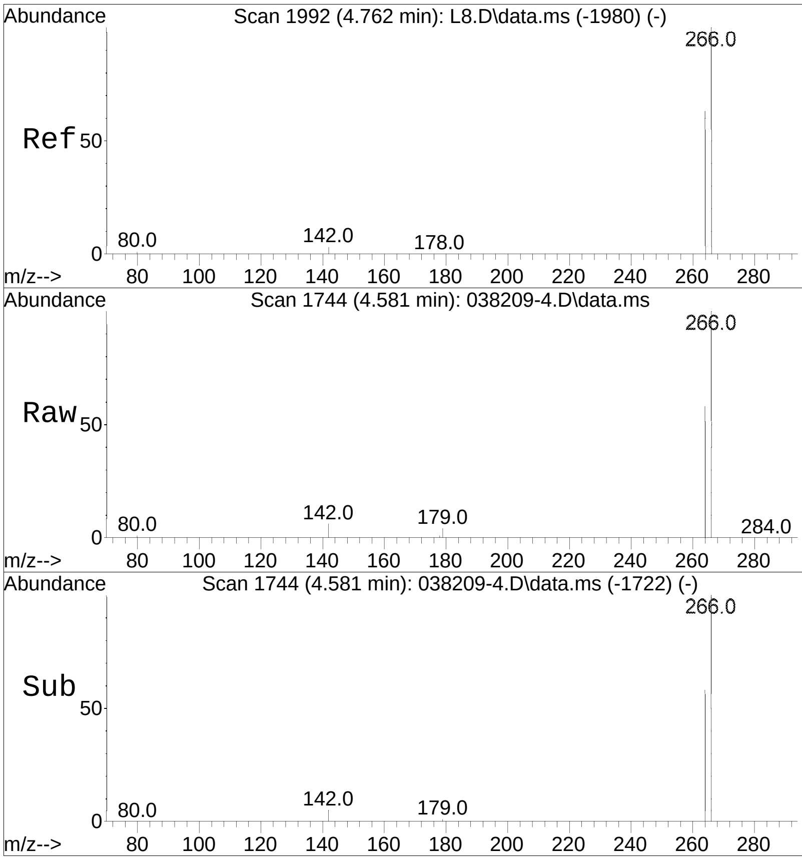


#25
Hexachlorobenzene
Concen: 2004.35 ng/ml
RT: 4.455 min Scan# 1713
Delta R.T. -0.003 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:284 Resp: 155251

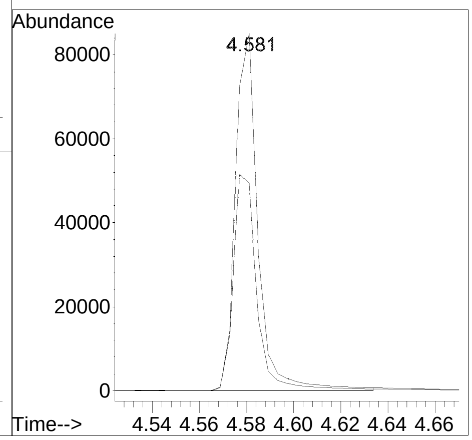
Ion	Ratio	Lower	Upper
284	100		
142	39.1	33.8	50.6

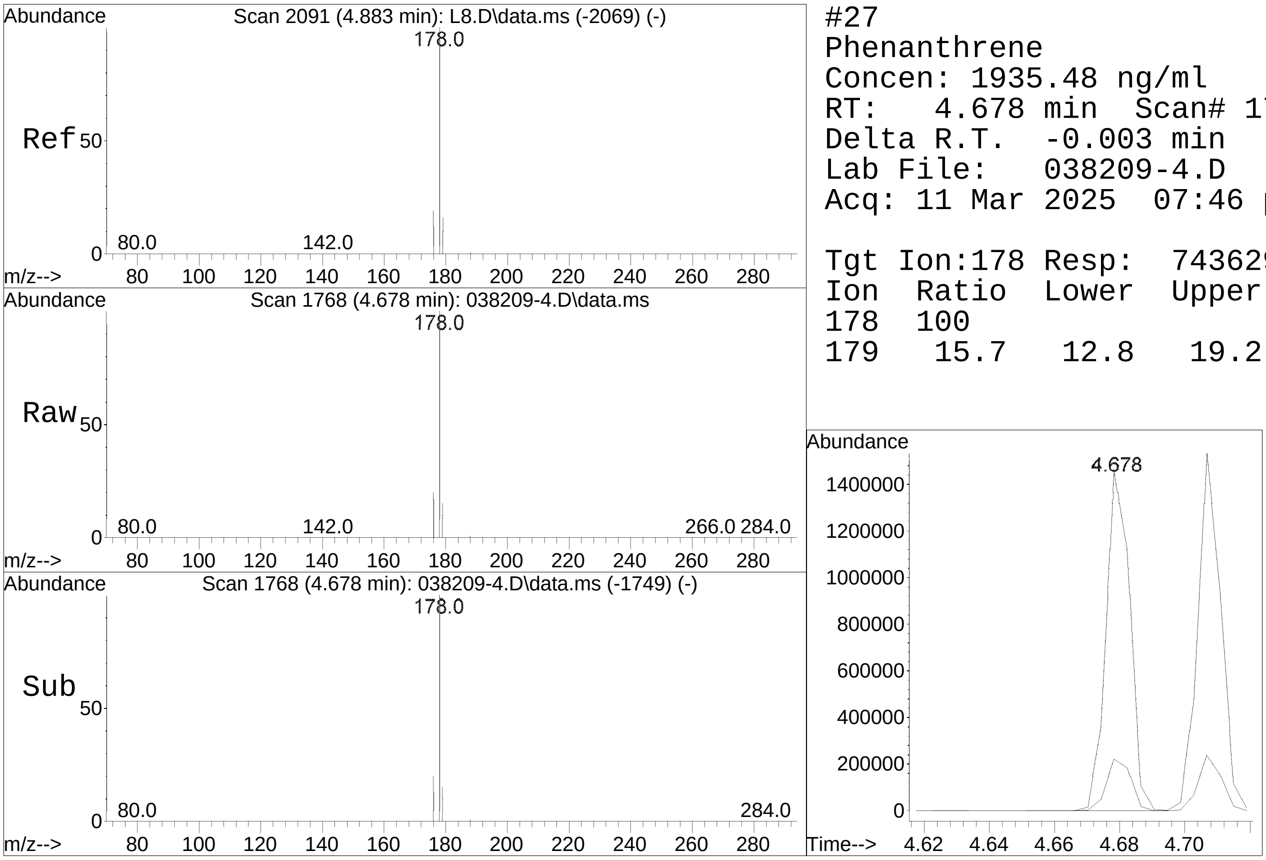




#26
Pentachlorophenol
Concen: 1405.01 ng/ml
RT: 4.581 min Scan# 1744
Delta R.T. 0.010 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:266	Resp:		56245
Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.8	76.2

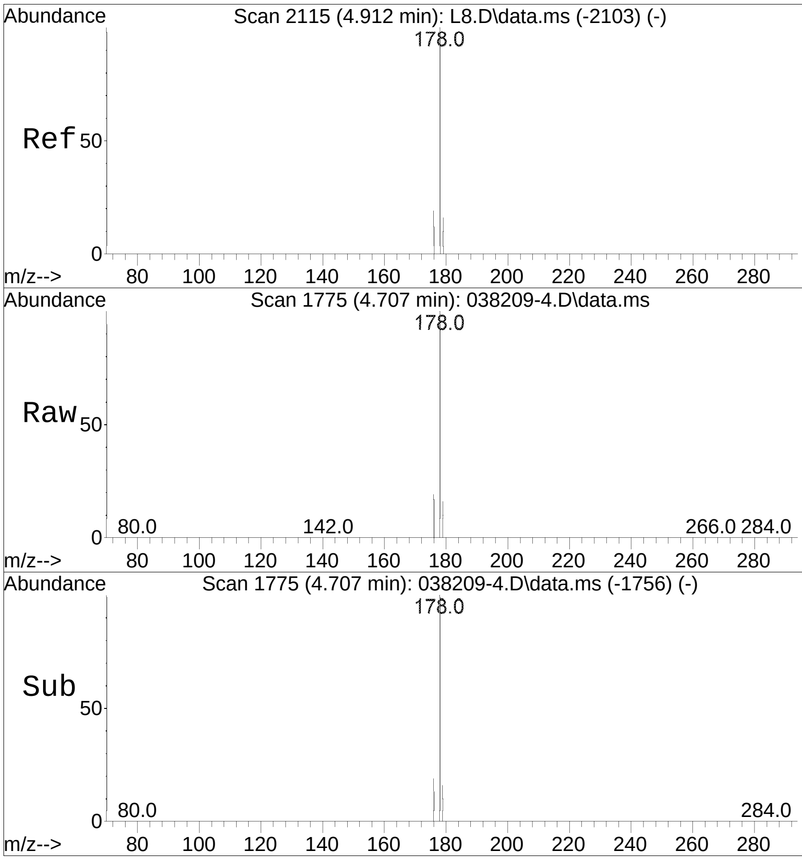




#27
Phenanthrene
Concen: 1935.48 ng/ml
RT: 4.678 min Scan# 1768
Delta R.T. -0.003 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

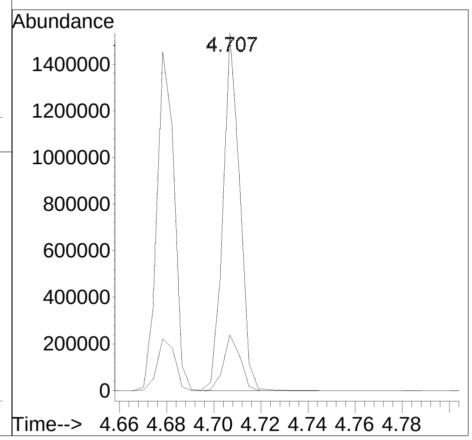
Tgt Ion:178 Resp: 743629

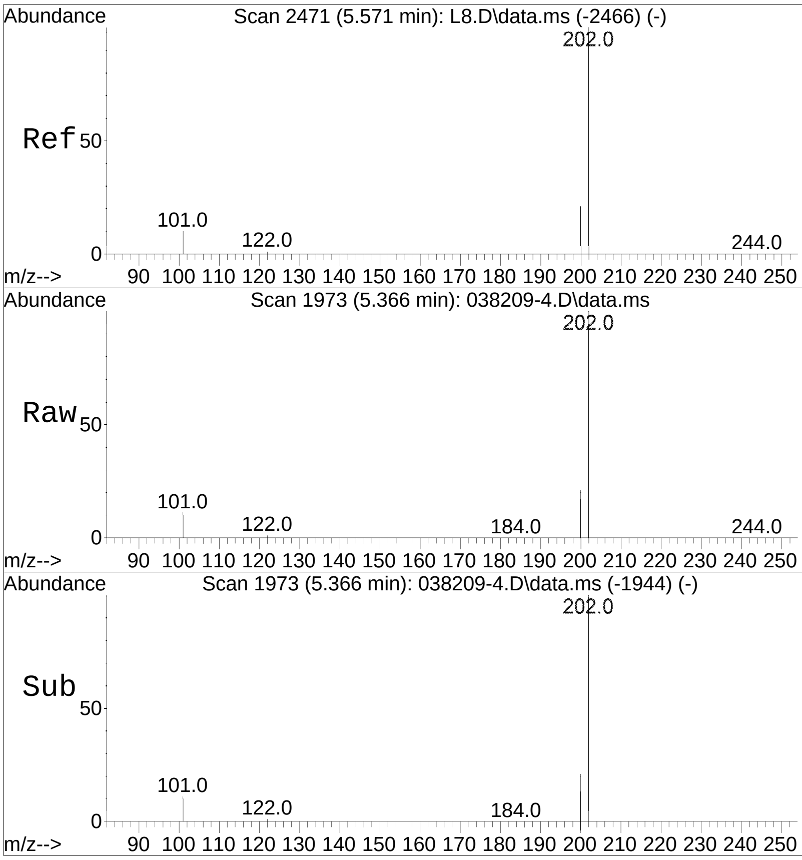
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2



#28
Anthracene
Concen: 1968.57 ng/ml
RT: 4.707 min Scan# 1775
Delta R.T. -0.003 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt	Ion:178	Resp:	758316
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8

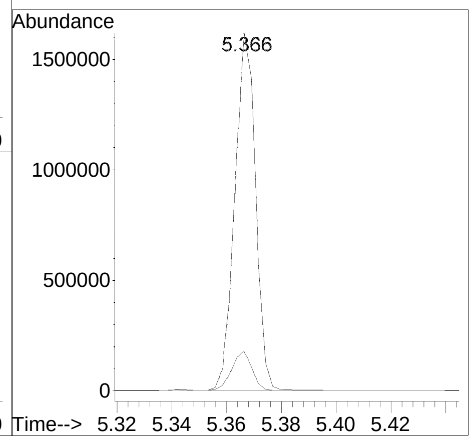


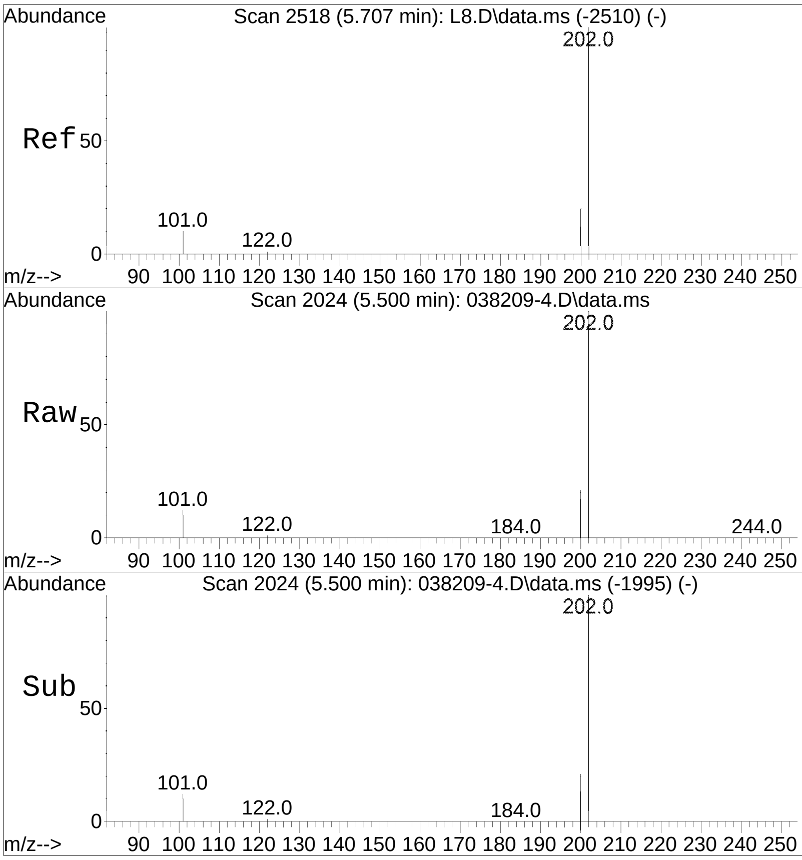


#29
Fluoranthene
Concen: 1751.83 ng/ml
RT: 5.366 min Scan# 1973
Delta R.T. -0.004 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:202 Resp: 842079

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.2	12.2

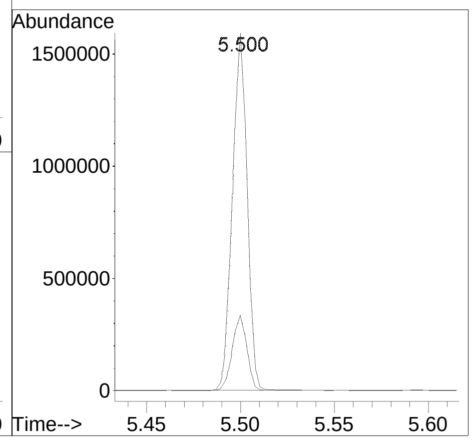


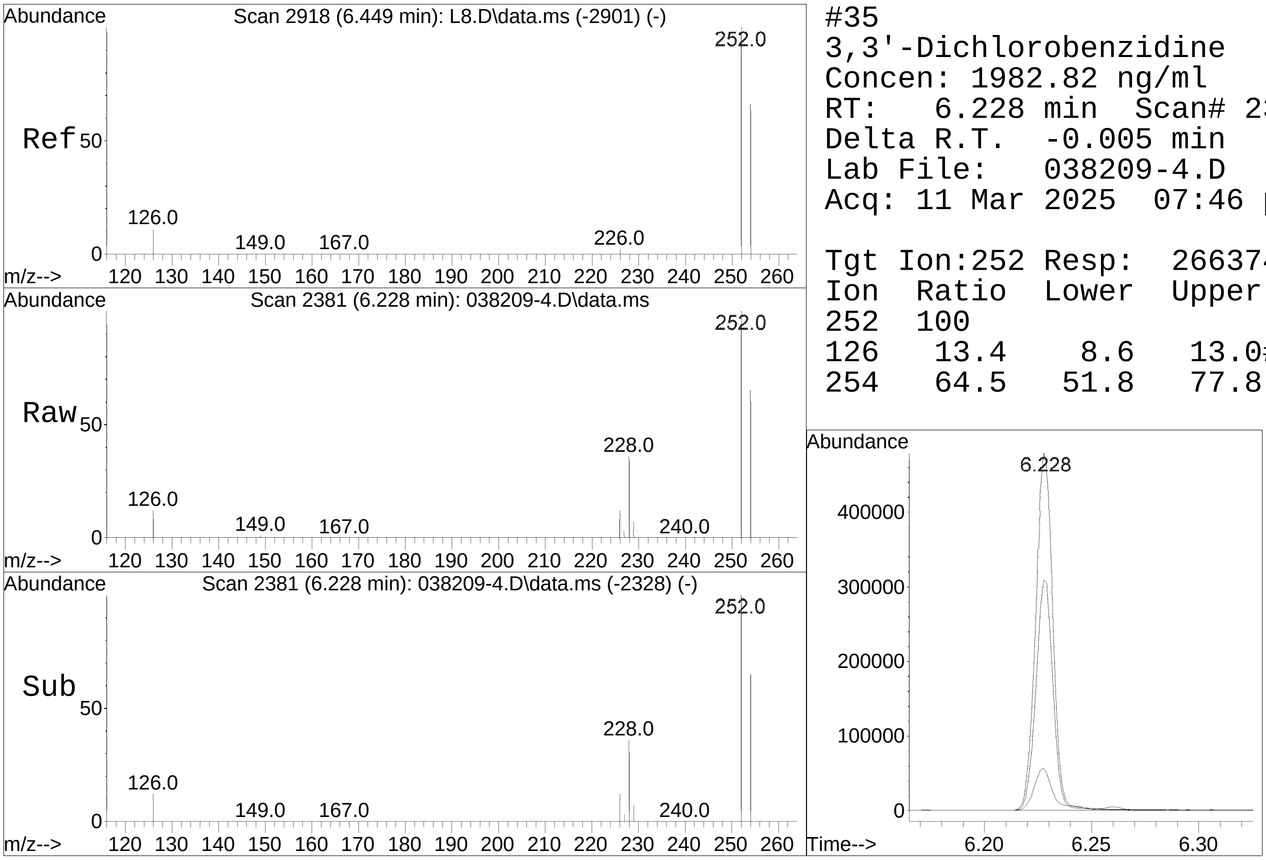


#30
Pyrene
Concen: 1729.20 ng/ml
RT: 5.500 min Scan# 2024
Delta R.T. -0.004 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:202 Resp: 857957

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3

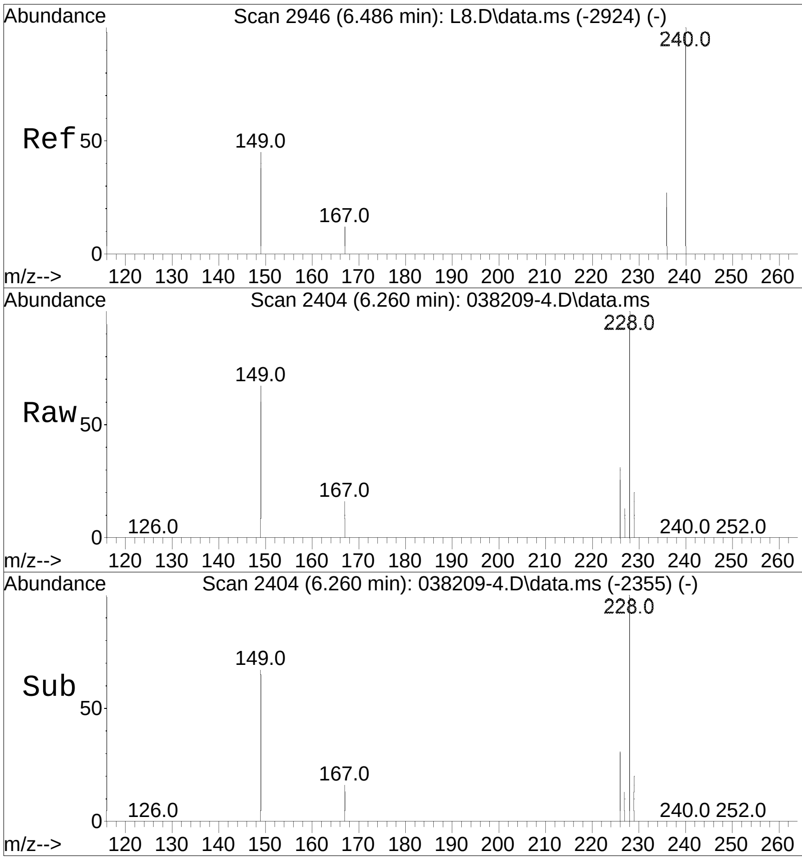




#35
3,3'-Dichlorobenzidine
Concen: 1982.82 ng/ml
RT: 6.228 min Scan# 2381
Delta R.T. -0.005 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:252 Resp: 266374

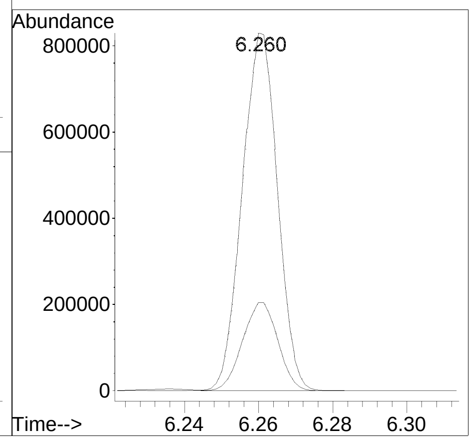
Ion	Ratio	Lower	Upper
252	100		
126	13.4	8.6	13.0#
254	64.5	51.8	77.8

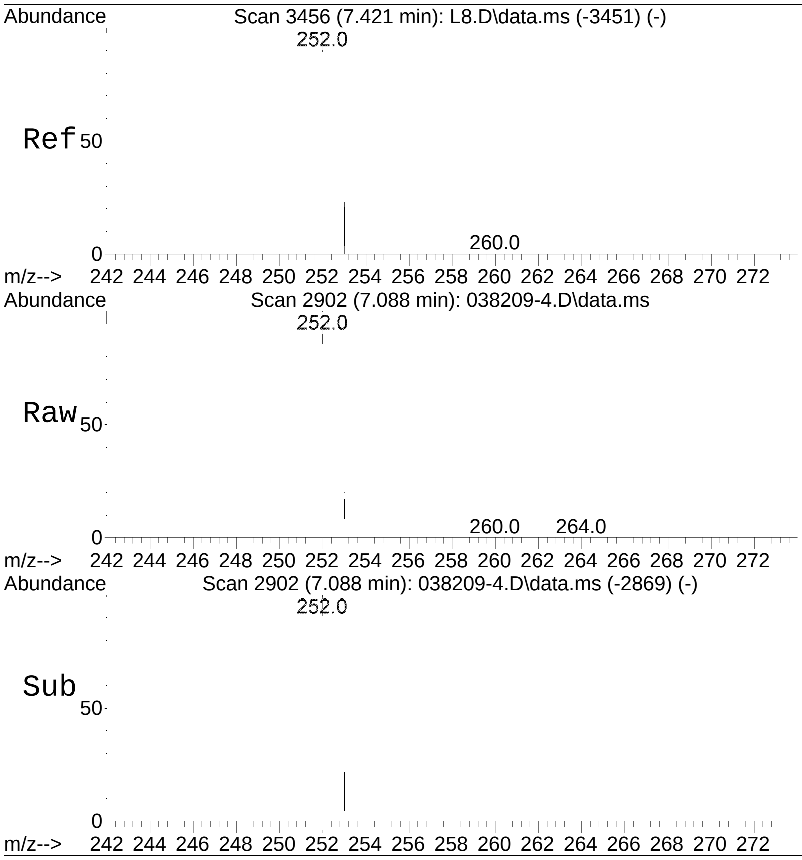


#37
Bis(2-ethylhexyl)phthalate
Concen: 2891.98 ng/ml
RT: 6.260 min Scan# 2404
Delta R.T. -0.011 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:149 Resp: 544716

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.7	31.1

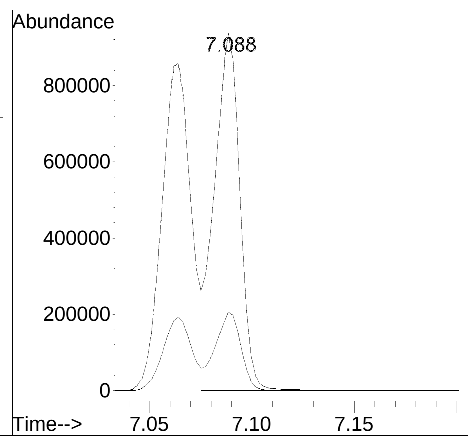


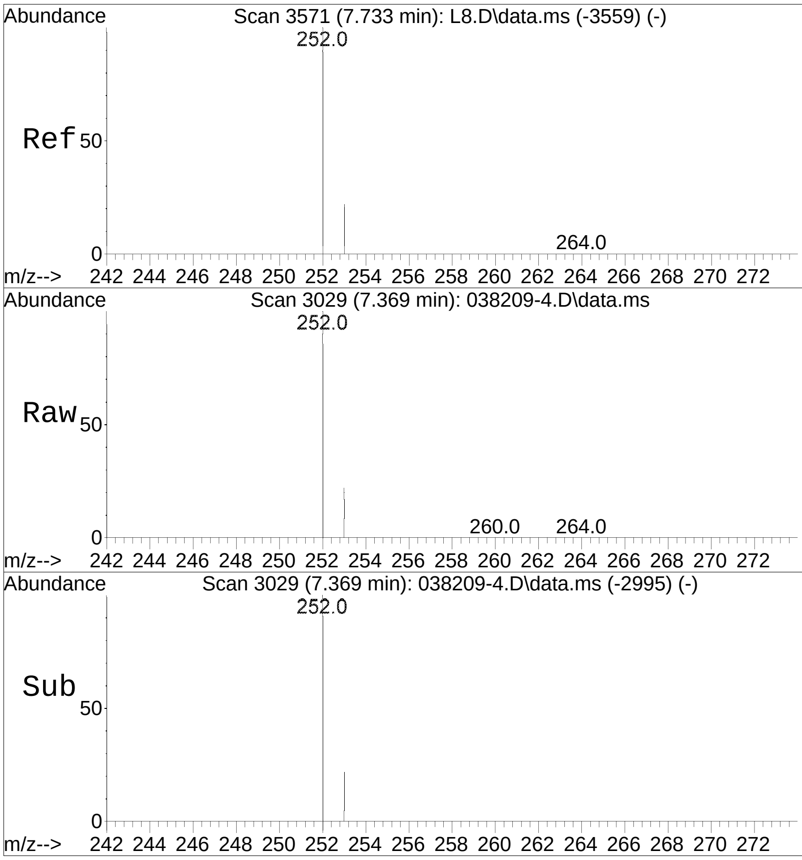


#40
Benzo[k]fluoranthene
Concen: 1987.97 ng/ml
RT: 7.088 min Scan# 2902
Delta R.T. -0.006 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:252 Resp: 805941

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2

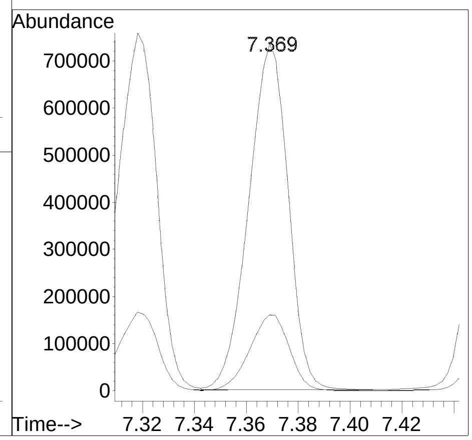


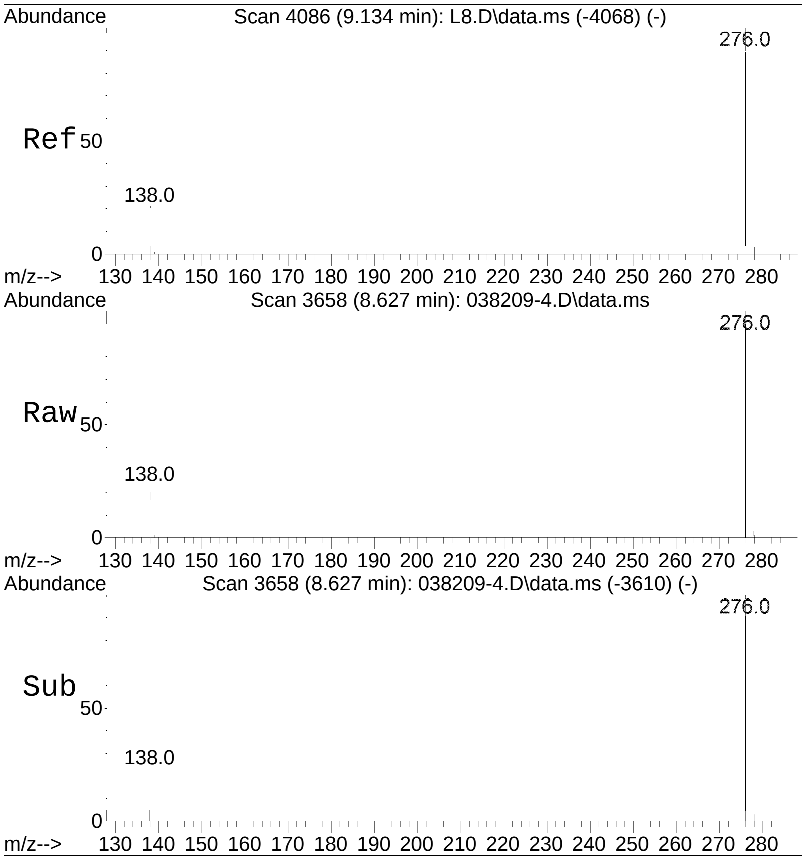


#41
Benzo[a]pyrene
Concen: 2213.73 ng/ml
RT: 7.369 min Scan# 3029
Delta R.T. -0.004 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:252 Resp: 772227

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9

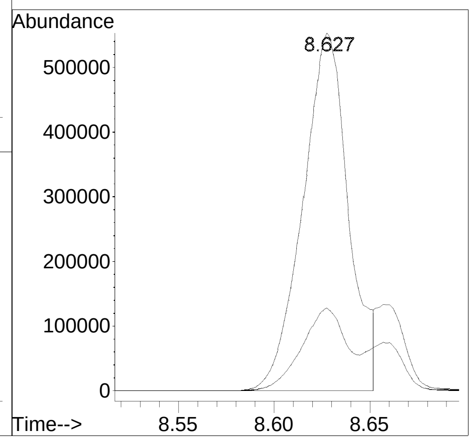


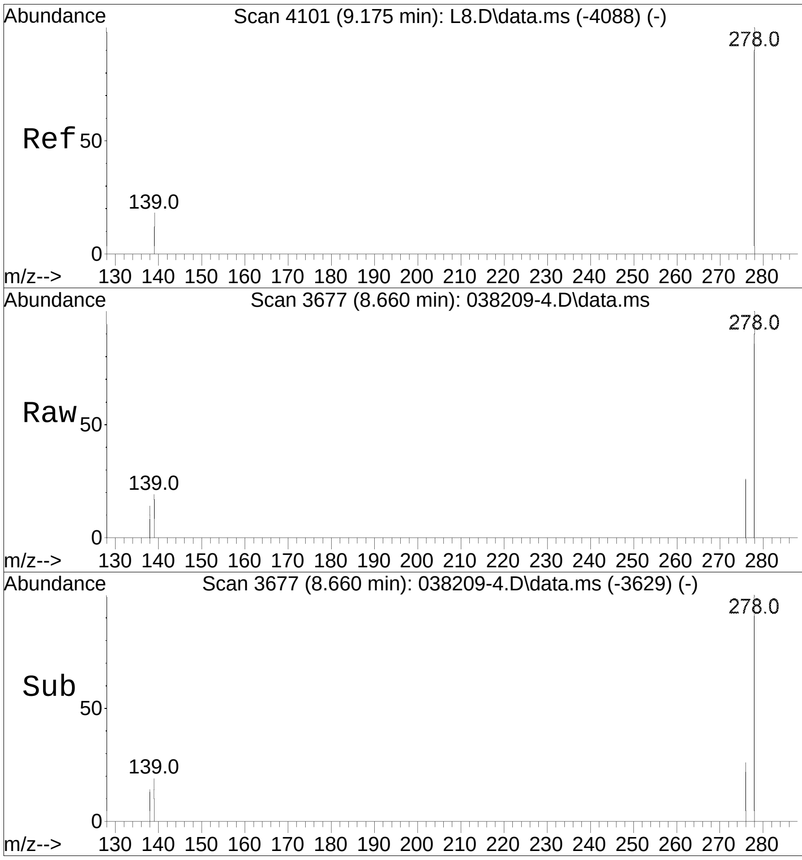


#42
Indeno[1,2,3-cd]pyrene
Concen: 2699.33 ng/ml
RT: 8.627 min Scan# 3658
Delta R.T. 0.004 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:276 Resp: 911607

Ion	Ratio	Lower	Upper
276	100		
138	22.7	16.9	25.3

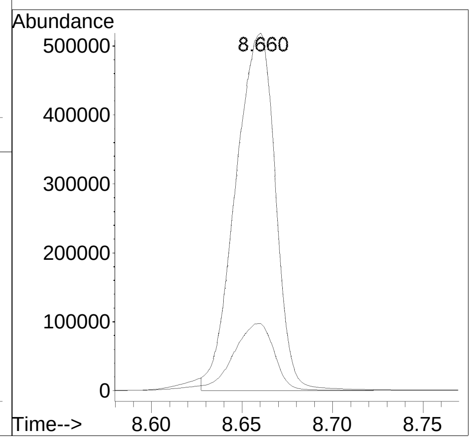


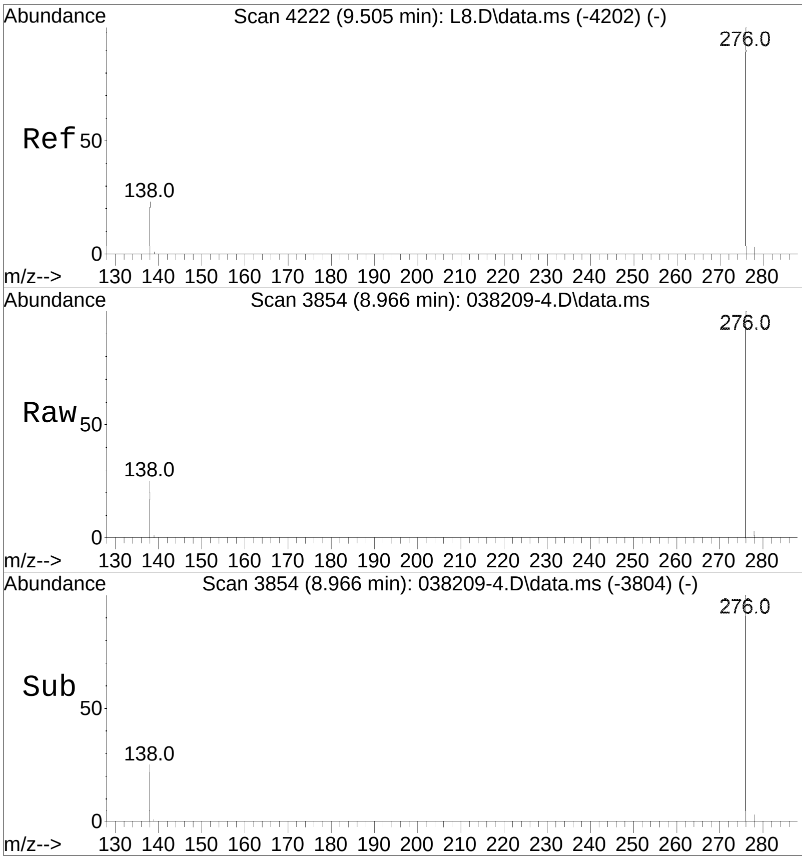


#43
Dibenzo[a,h]anthracene
Concen: 2535.27 ng/ml M6
RT: 8.660 min Scan# 3677
Delta R.T. 0.004 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:278 Resp: 794281

Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.6	22.0

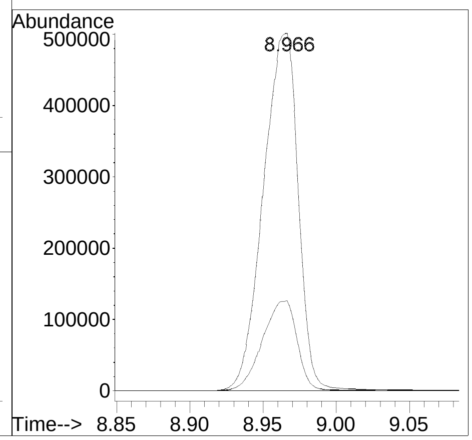




#44
Benzo[g,h,i]perylene
Concen: 2562.85 ng/ml
RT: 8.966 min Scan# 3854
Delta R.T. 0.007 min
Lab File: 038209-4.D
Acq: 11 Mar 2025 07:46 pm

Tgt Ion:276 Resp: 823780

Ion	Ratio	Lower	Upper
276	100		
138	25.1	18.6	28.0

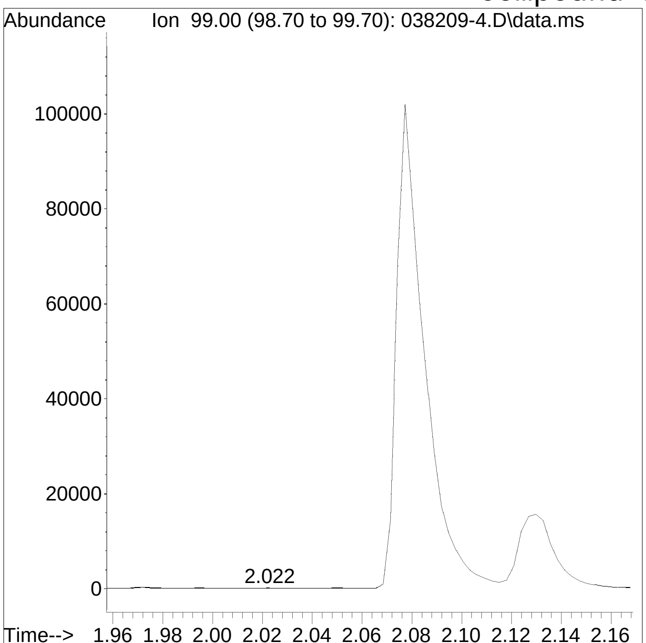


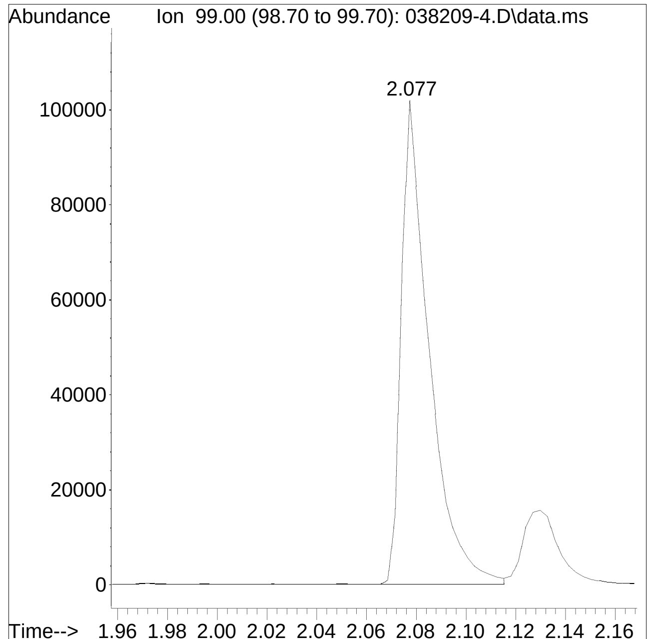
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 038209-4.D
Date Inj'd : 3/11/2025 7:46 pm
Sample : WG2038209-4,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/11/2025 8:00 pm

Compound #4: Phenol-d6





Original Peak Response = 49

Manual Peak Response = 79494 M1

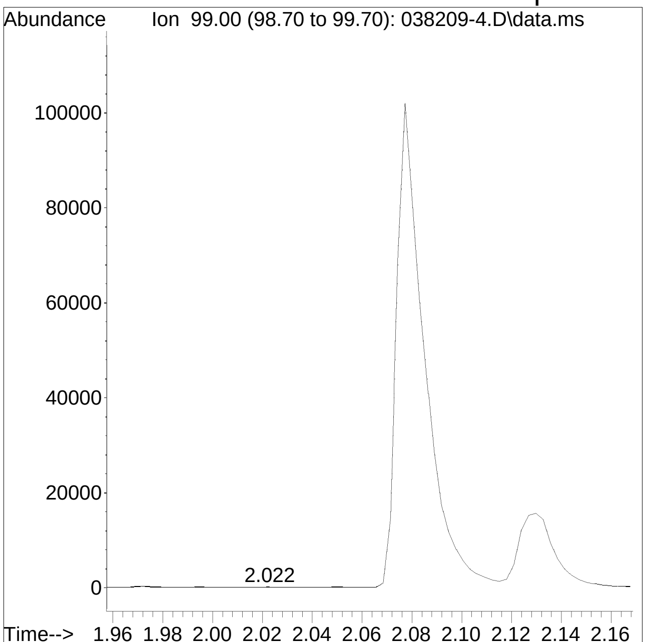
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

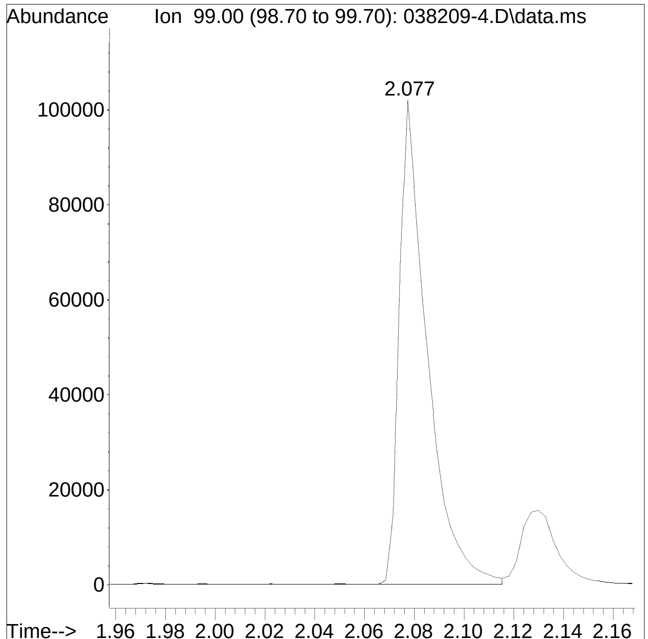
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 038209-4.D
Date Inj'd : 3/11/2025 7:46 pm
Sample : WG2038209-4,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/11/2025 8:00 pm

Compound #4: Phenol-d6





Original Peak Response = 49

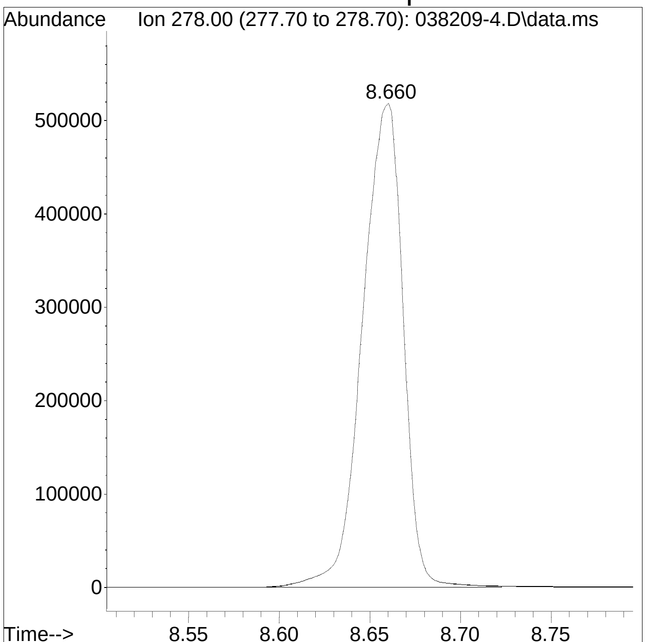
Manual Peak Response = 79494 M1

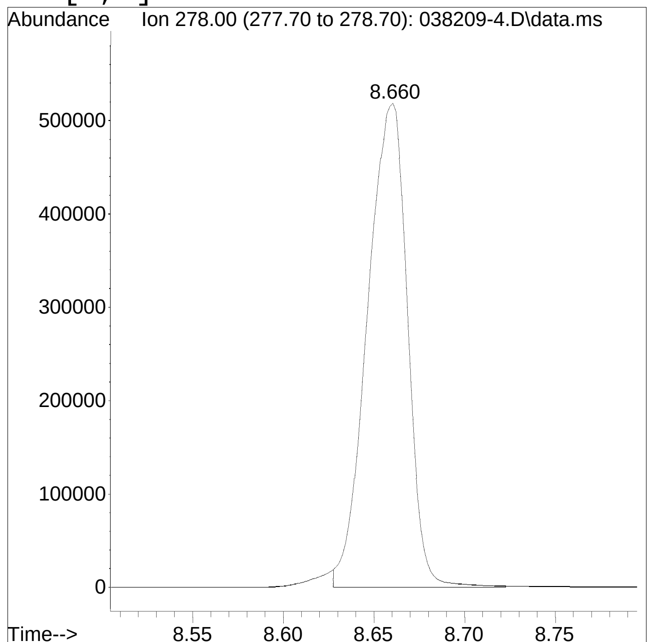
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Method : SIM-RVT_241229_sv119.M
Data File : 038209-4.D
Operator : sv119:jjw
Date Inj'd : 3/11/2025 7:46 pm
Instrument : SV119
Sample : WG2038209-4,32,,kmh
Quant Date : 3/11/2025 8:00 pm

Compound #43: Dibenzo[a,h]anthracene





Original Peak Response = 808428

Manual Peak Response = 794281 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-5.D
Acq On : 11 Mar 2025 08:03 pm
Operator : sv119:jjw
Sample : WG2038209-5,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 12 11:08:59 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.214	152	346404	4000.000 ng/ml	0.00
Standard Area 1 = 325676			Recovery	= 106.36%	
9) Naphthalene-d8	2.862	136	1333618	4000.000 ng/ml	0.00
Standard Area 1 = 1225929			Recovery	= 108.78%	
18) Acenaphthene-d10	3.829	164	703085	4000.000 ng/ml	0.00
Standard Area 1 = 688151			Recovery	= 102.17%	
23) Phenanthrene-d10	4.669	188	1254097	4000.000 ng/ml	0.00
Standard Area 1 = 1410915			Recovery	= 88.89%	
33) Chrysene-d12	6.246	240	1020491	4000.000 ng/ml	0.00
Standard Area 1 = 1283861			Recovery	= 79.49%	
38) Perylene-d12	7.433	264	1167916	4000.000 ng/ml	0.00
Standard Area 1 = 1327611			Recovery	= 87.97%	
System Monitoring Compounds					
3) 2-Fluorophenol	1.687	112	92580	997.470 ng/ml	0.03
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 49.87%	
4) Phenol-d6	2.077	99	89724	774.524 ng/ml	0.04
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 38.73%	
8) Nitrobenzene-d5	2.491	82	119319	1062.162 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 106.22%	
14) 2-Fluorobiphenyl	3.451	172	293007	901.016 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 90.10%	
22) 2,4,6-Tribromophenol	4.280	330	48364	1576.089 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 78.80%	
32) 4-Terphenyl-d14	5.595	244	269626	866.652 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 86.67%	
Target Compounds					Qvalue
7) Hexachloroethane	2.459	117	57897	1289.487 ng/ml	95
10) Naphthalene	2.872	128	631394	1697.544 ng/ml	100
11) Hexachlorobutadiene	2.940	225	84380	1289.112 ng/ml	100
12) 2-Methylnaphthalene	3.248	142	396445	1525.257 ng/ml	99
15) 2-Chloronaphthalene	3.515	162	437831	1630.995 ng/ml#	84
17) Acenaphthylene	3.747	152	759931	1827.975 ng/ml	99
19) Acenaphthene	3.845	153	464106	1979.212 ng/ml	94
21) Fluorene	4.136	166	551071	2045.488 ng/ml	98
25) Hexachlorobenzene	4.454	284	158865	2149.071 ng/ml	97
26) Pentachlorophenol	4.580	266	61724	1598.870 ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-5.D
Acq On : 11 Mar 2025 08:03 pm
Operator : sv119:jjw
Sample : WG2038209-5,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 12 11:08:59 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270sim\sv119\250311bRVT\ccv0311b.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	4.681	178	781187	2130.438	ng/ml	99
28) Anthracene	4.709	178	777360	2114.486	ng/ml	100
29) Fluoranthene	5.368	202	878505	1914.987	ng/ml	98
30) Pyrene	5.501	202	893989	1887.968	ng/ml	100
34) Benzo[a]anthracene	6.237	228	820752	2280.427	ng/ml	100
36) Chrysene	6.261	228	746300	2124.004	ng/ml	99
39) Benzo[b]fluoranthene	7.064	252	863895	2231.894	ng/ml	99
40) Benzo[k]fluoranthene	7.088	252	841397	2204.330	ng/ml	97
41) Benzo[a]pyrene	7.369	252	792435	2412.741	ng/ml	99
42) Indeno[1,2,3-cd]pyrene	8.627	276	943576	2967.523	ng/ml	96
43) Dibenzo[a,h]anthracene	8.658	278	841586M6	2853.102	ng/ml	
44) Benzo[g,h,i]perylene	8.966	276	871963	2881.234	ng/ml	96

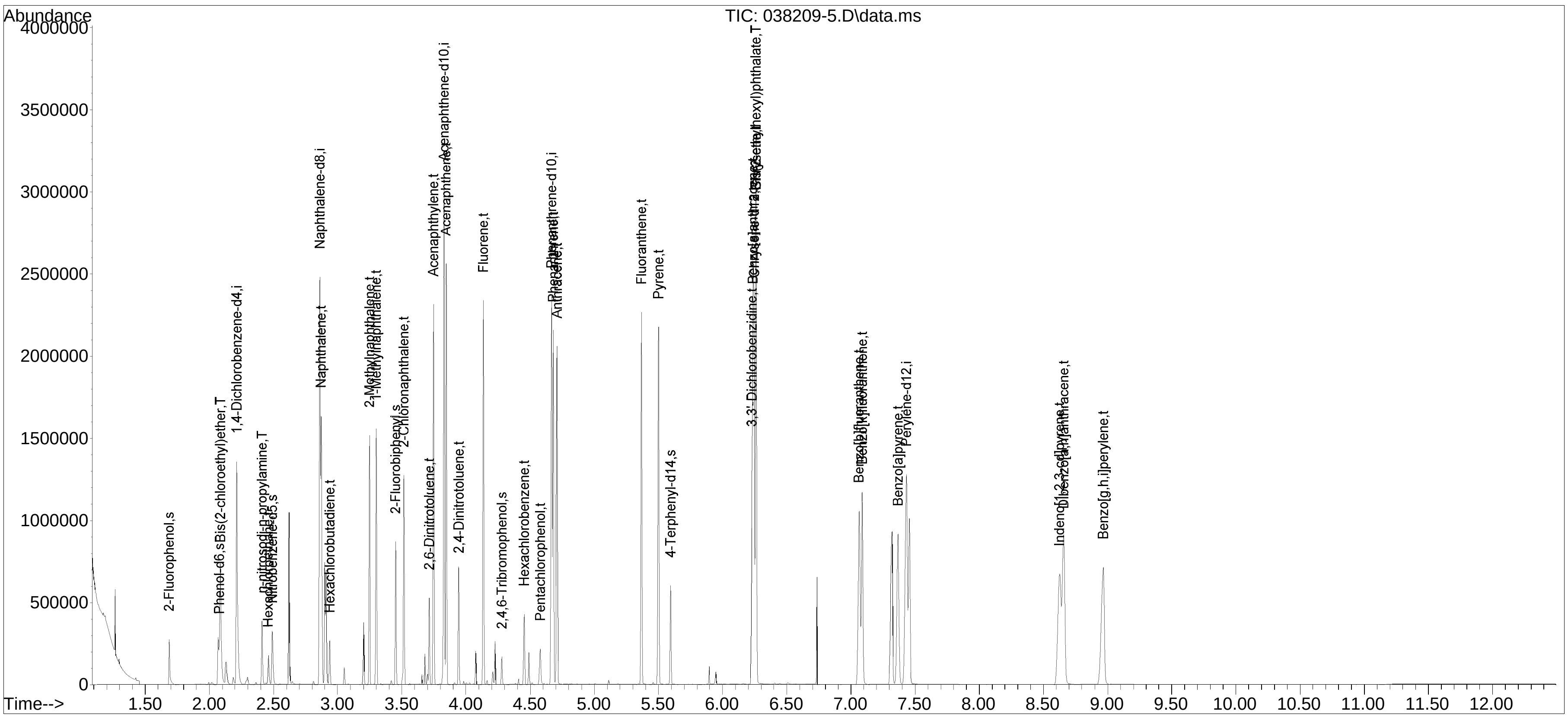
(#) = qualifier out of range (m) = manual integration (+) = signals summed

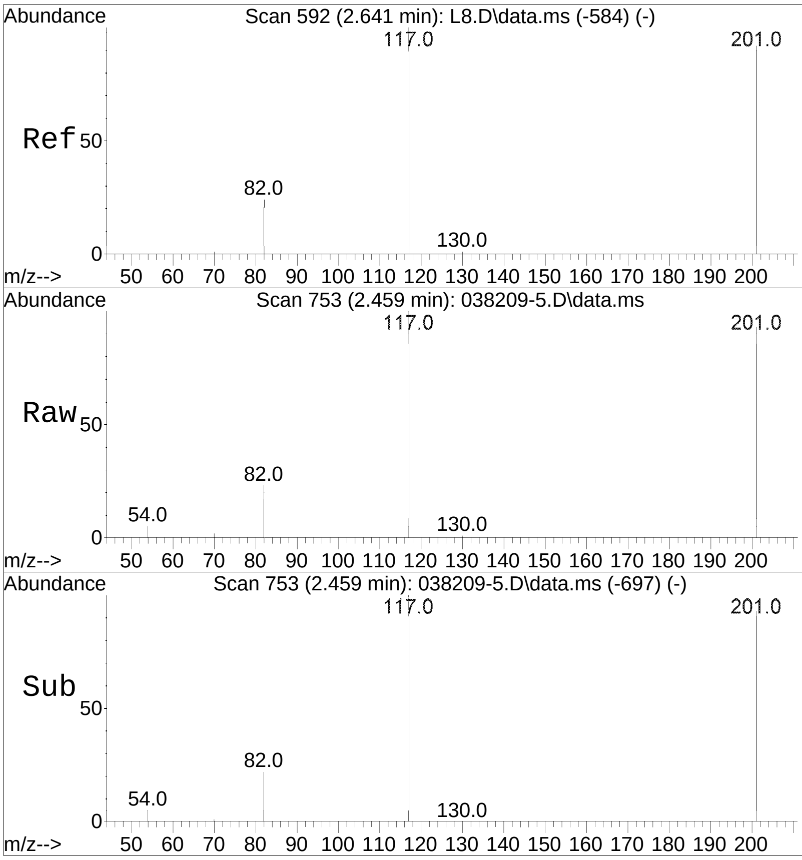
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\250311bRVT\
Data File : 038209-5.D
Acq On : 11 Mar 2025 08:03 pm
Operator : sv119:jjw
Sample : WG2038209-5,32,,kmh
Misc : WG2039073,WG2038209,ical21826
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 12 11:08:59 2025
Quant Method : I:\8270sim\sv119\250311bRVT\SIM-RVT_241229_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 11 12:33:32 2025
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedT\ccv0311b.D•

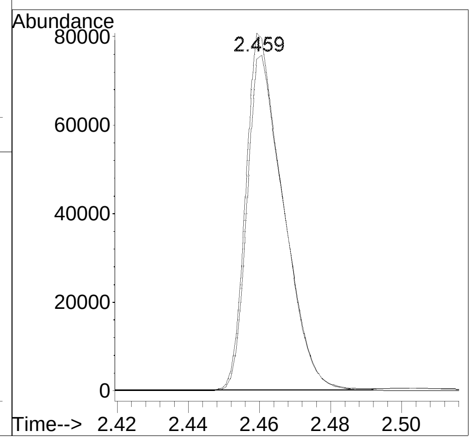


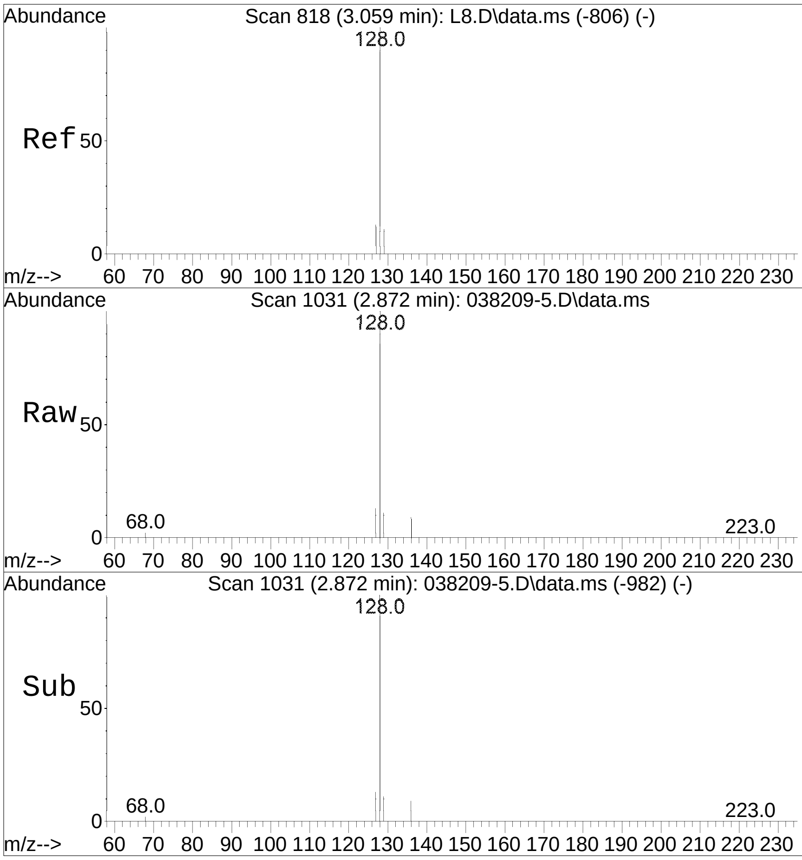


#7
Hexachloroethane
Concen: 1289.49 ng/ml
RT: 2.459 min Scan# 753
Delta R.T. -0.001 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:117 Resp: 57897

Ion	Ratio	Lower	Upper
117	100		
201	94.3	79.3	118.9

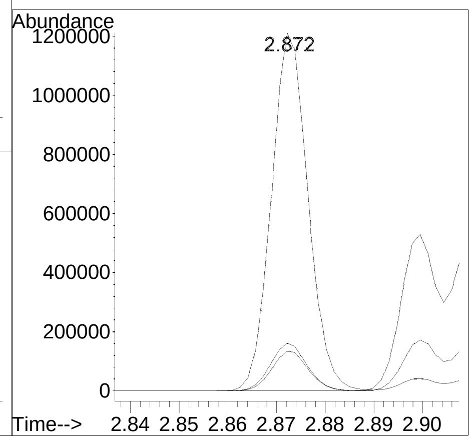


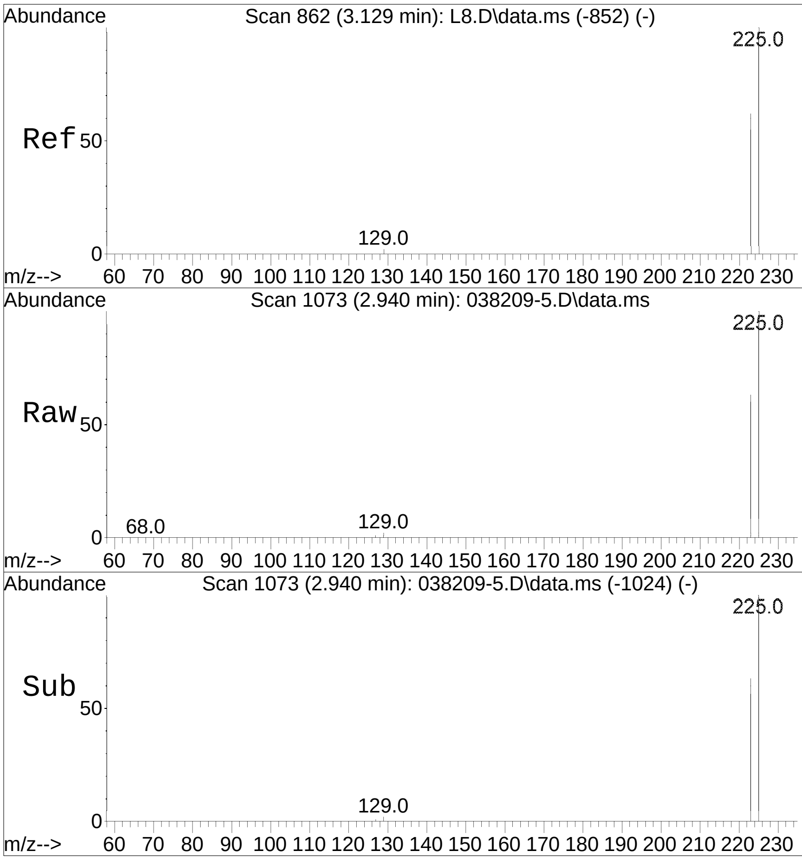


#10
Naphthalene
Concen: 1697.54 ng/ml
RT: 2.872 min Scan# 1031
Delta R.T. -0.002 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:128 Resp: 631394

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	10.5	15.7

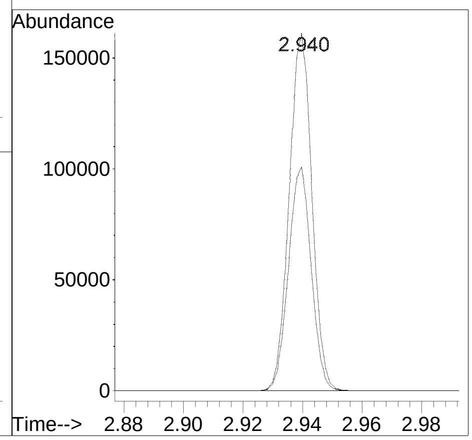


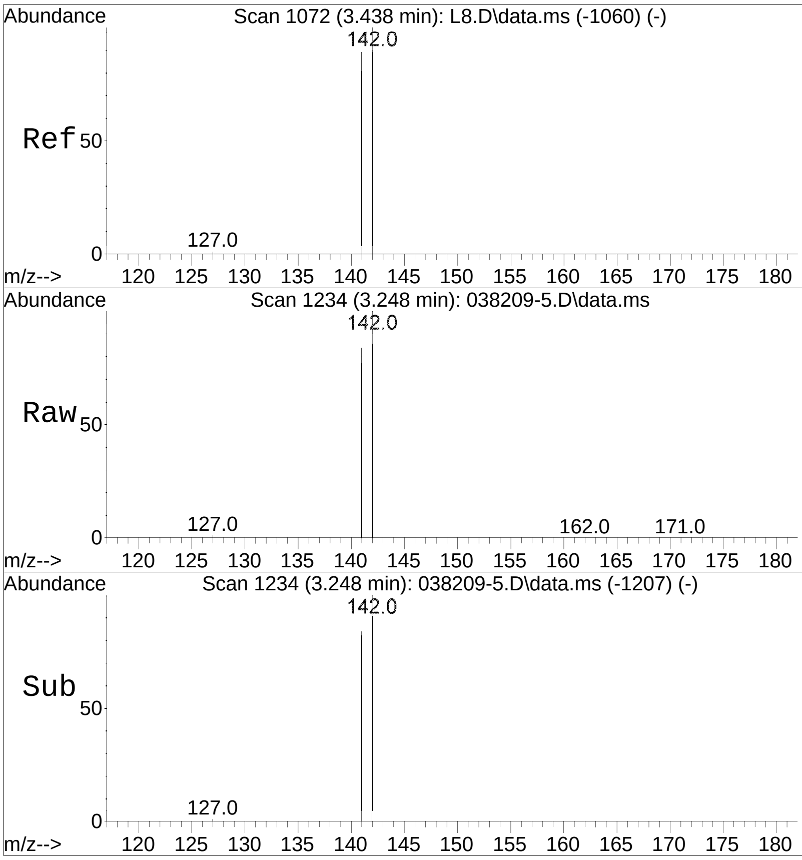


#11
Hexachlorobutadiene
Concen: 1289.11 ng/ml
RT: 2.940 min Scan# 1073
Delta R.T. -0.002 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:225 Resp: 84380

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.4	75.6

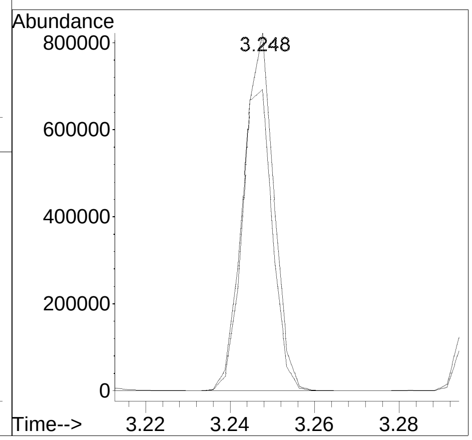


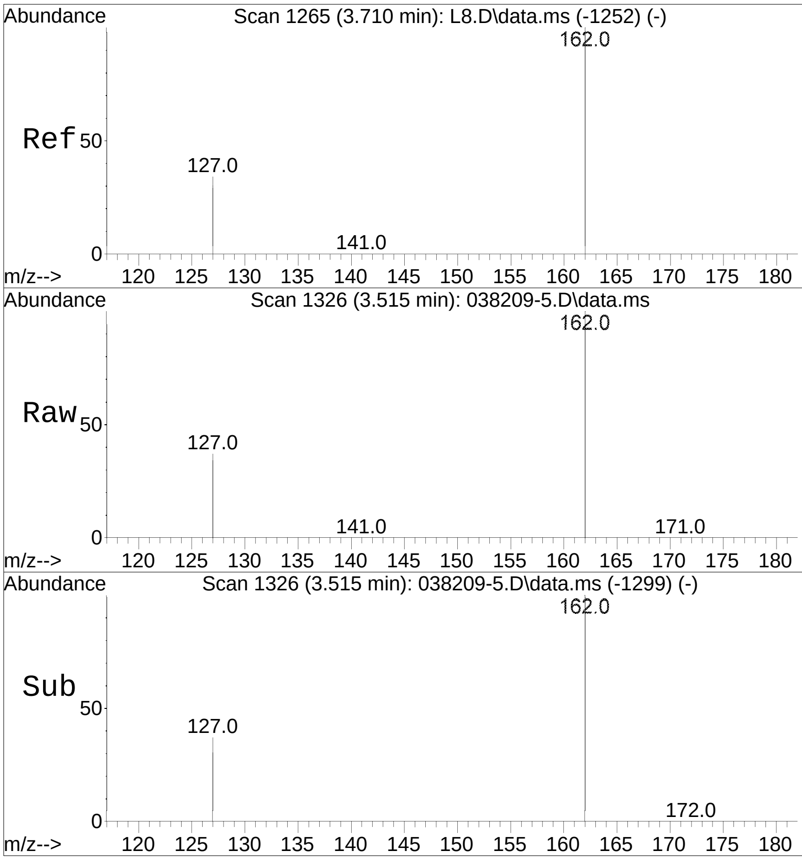


#12
2-Methylnaphthalene
Concen: 1525.26 ng/ml
RT: 3.248 min Scan# 1234
Delta R.T. -0.003 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:142 Resp: 396445

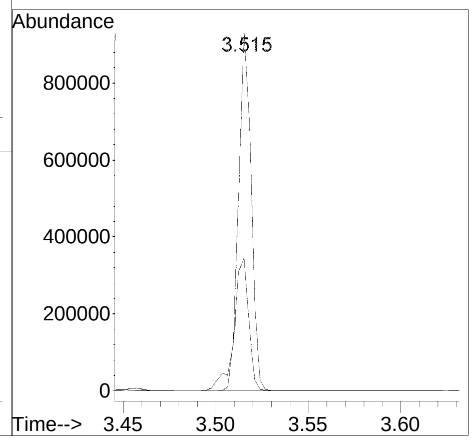
Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9

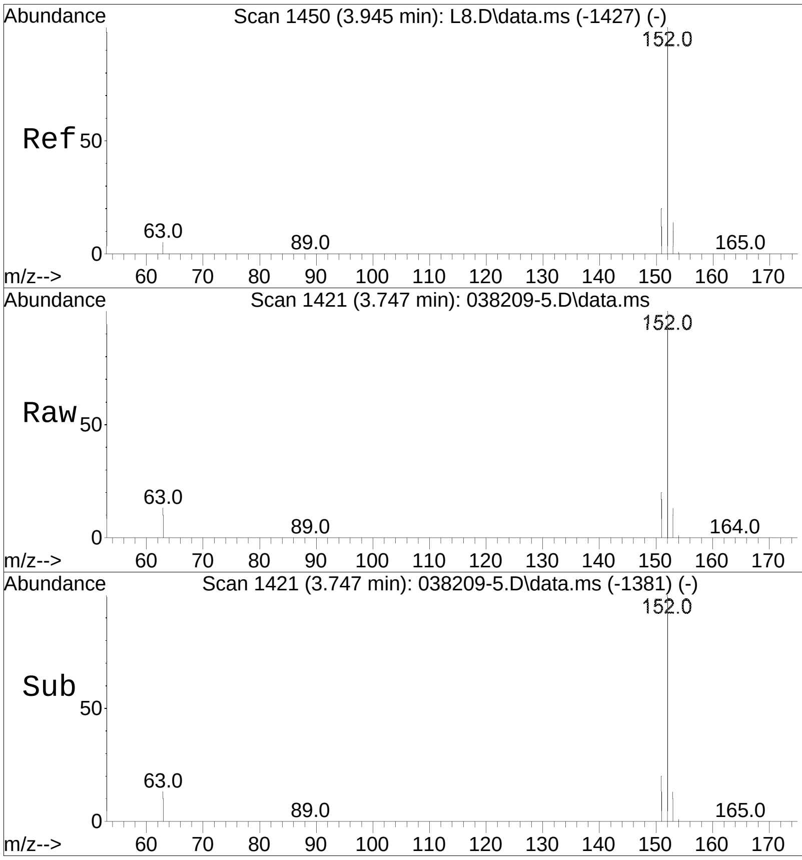




#15
2-Chloronaphthalene
Concen: 1630.99 ng/ml
RT: 3.515 min Scan# 1326
Delta R.T. -0.003 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt	Ion:162	Resp:	437831
Ion	Ratio	Lower	Upper
162	100		
127	43.1	27.4	41.0#

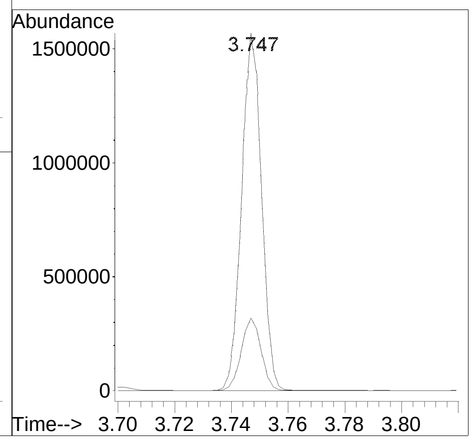


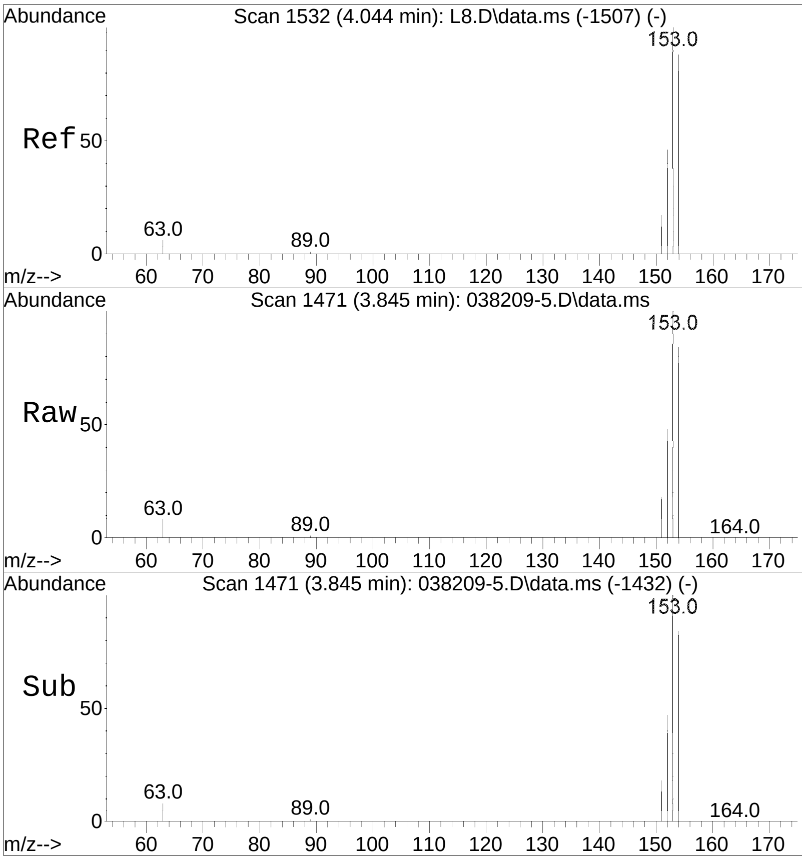


#17
Acenaphthylene
Concen: 1827.98 ng/ml
RT: 3.747 min Scan# 1421
Delta R.T. -0.002 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:152 Resp: 759931

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9

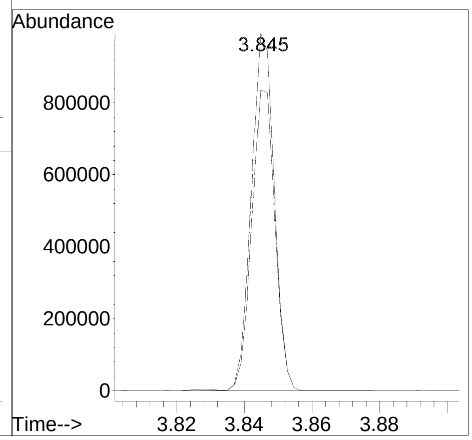


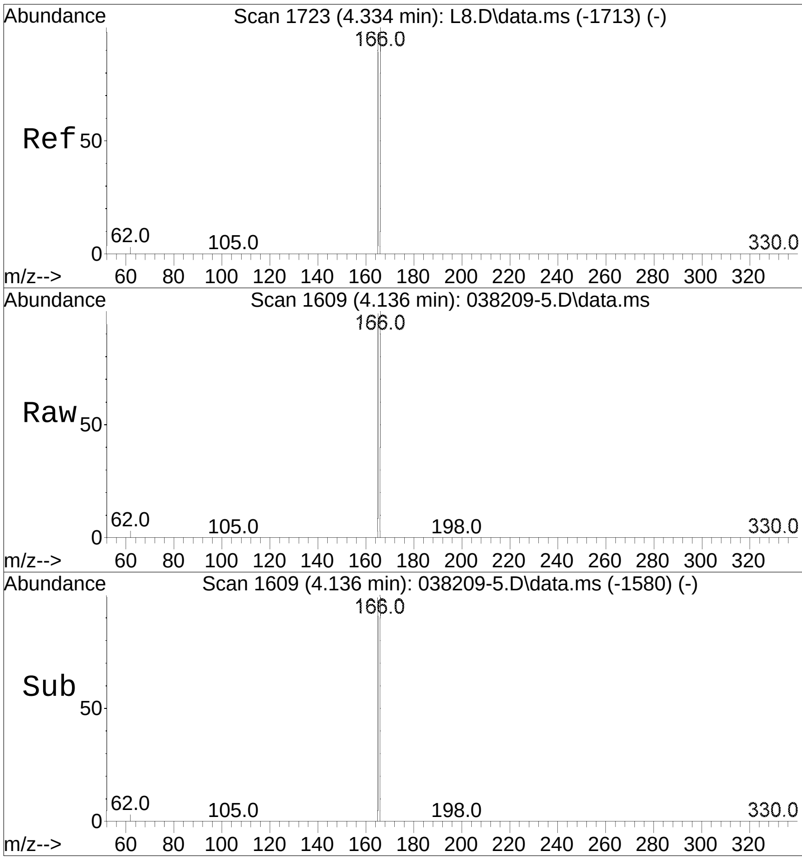


#19
Acenaphthene
Concen: 1979.21 ng/ml
RT: 3.845 min Scan# 1471
Delta R.T. -0.004 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:153 Resp: 464106

Ion	Ratio	Lower	Upper
153	100		
154	85.6	73.1	109.7

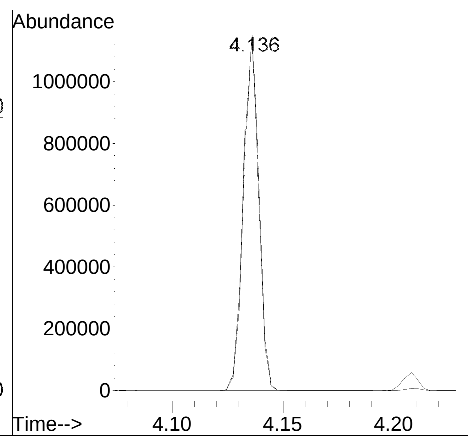


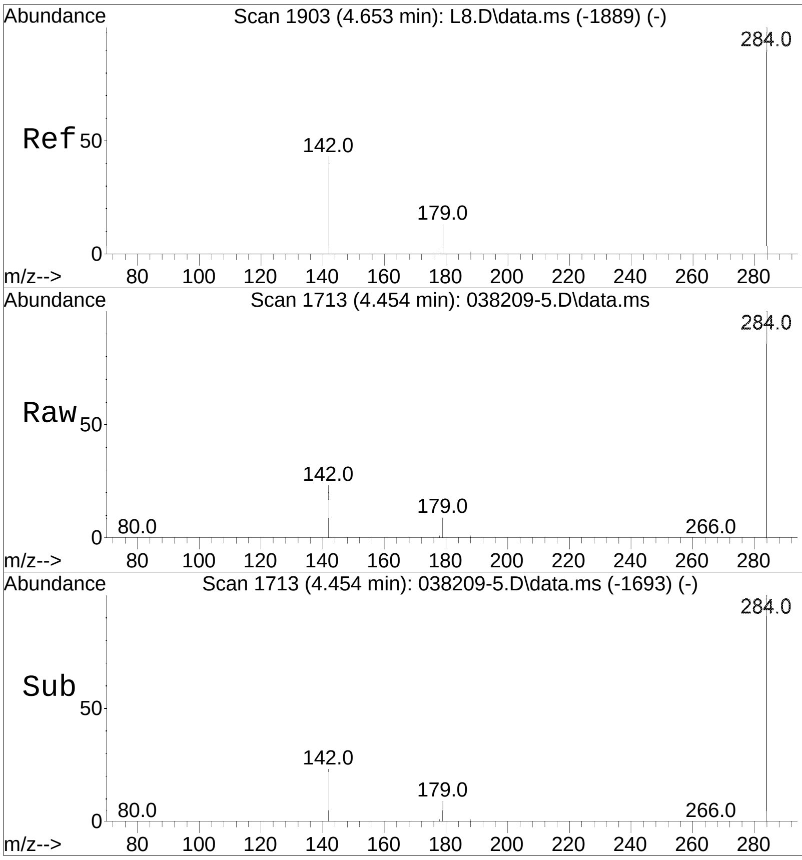


#21
Fluorene
Concen: 2045.49 ng/ml
RT: 4.136 min Scan# 1609
Delta R.T. -0.003 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:166 Resp: 551071

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.8

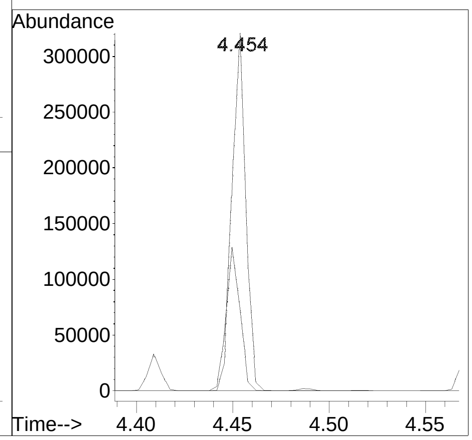


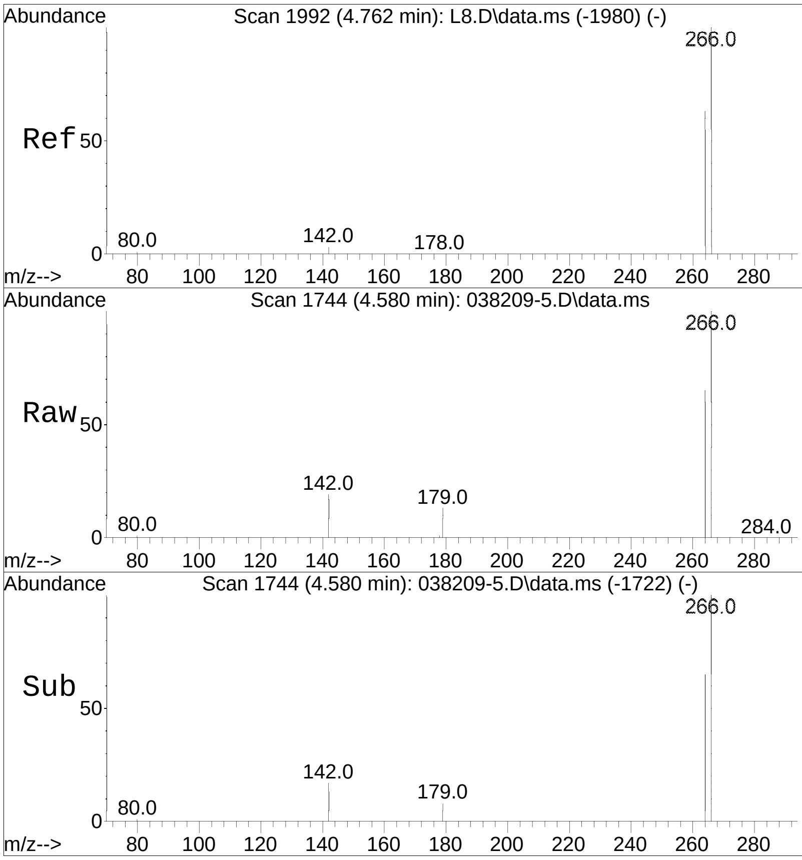


#25
Hexachlorobenzene
Concen: 2149.07 ng/ml
RT: 4.454 min Scan# 1713
Delta R.T. -0.004 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:284 Resp: 158865

Ion	Ratio	Lower	Upper
284	100		
142	40.2	33.8	50.6

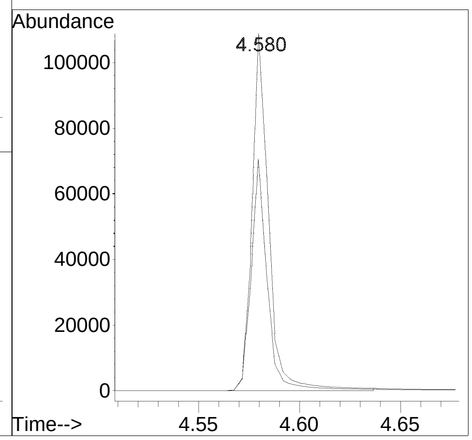


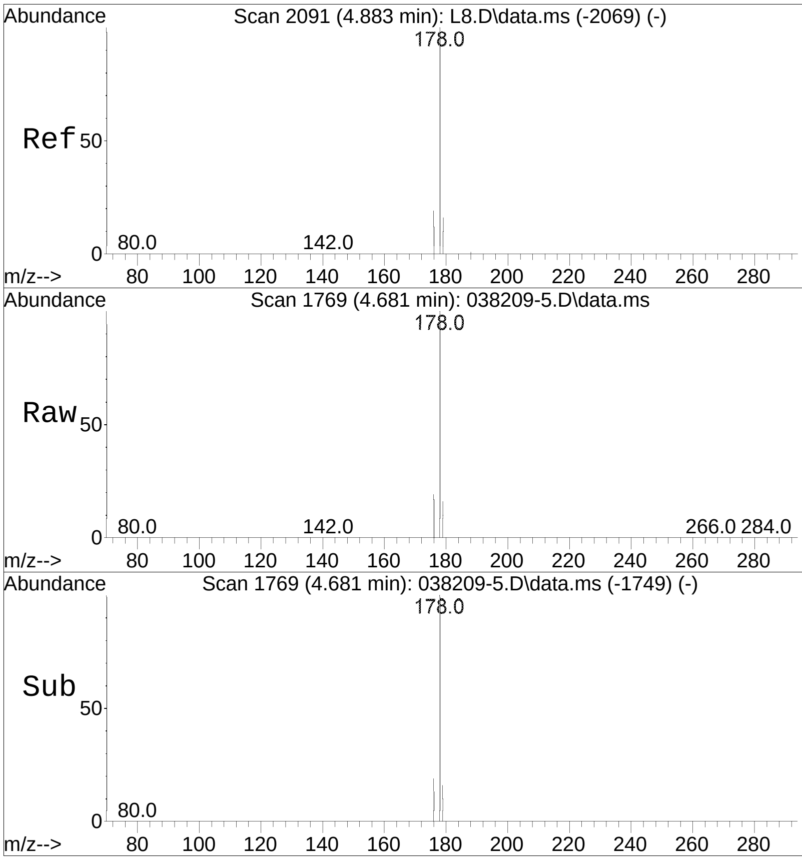


#26
Pentachlorophenol
Concen: 1598.87 ng/ml
RT: 4.580 min Scan# 1744
Delta R.T. 0.008 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:266 Resp: 61724

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.8	76.2

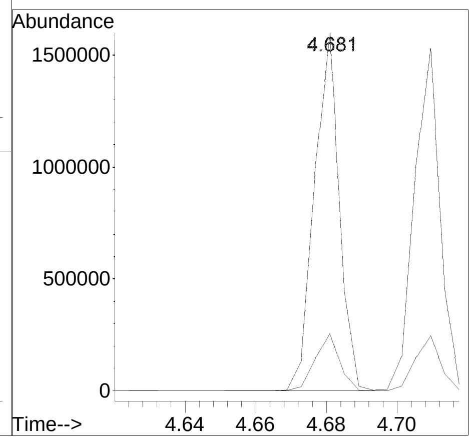


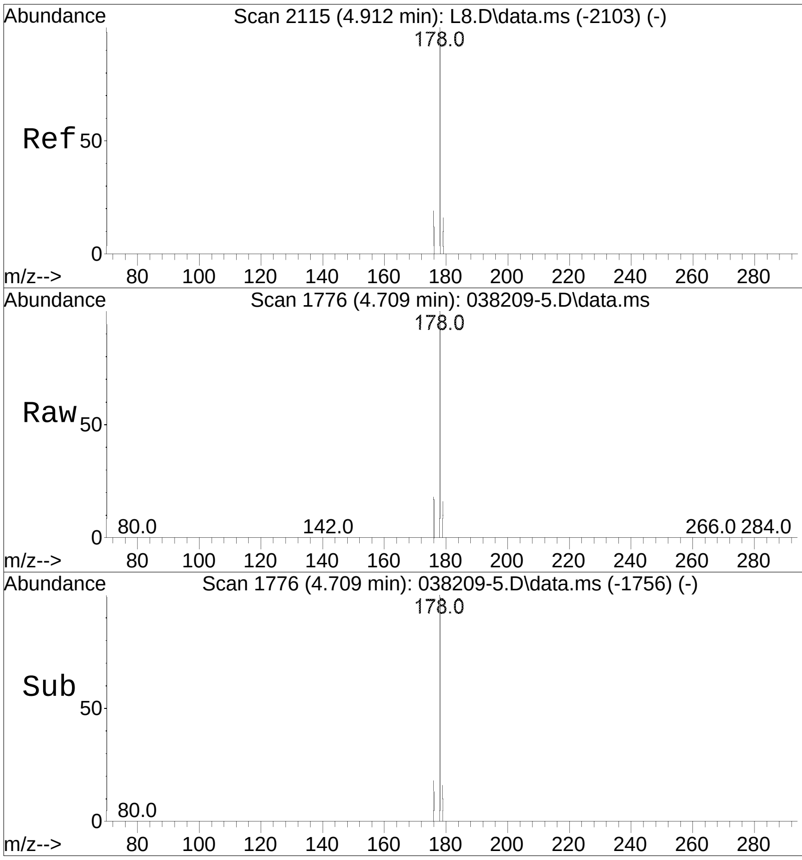


#27
Phenanthrene
Concen: 2130.44 ng/ml
RT: 4.681 min Scan# 1769
Delta R.T. 0.000 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:178 Resp: 781187

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2

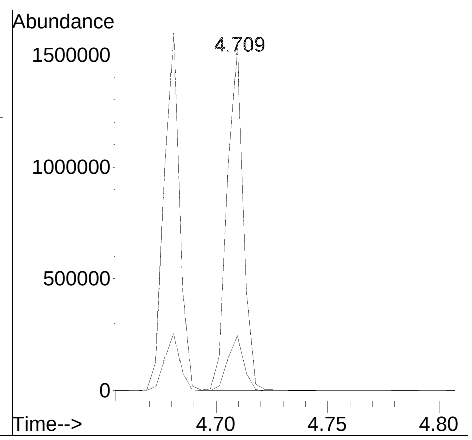


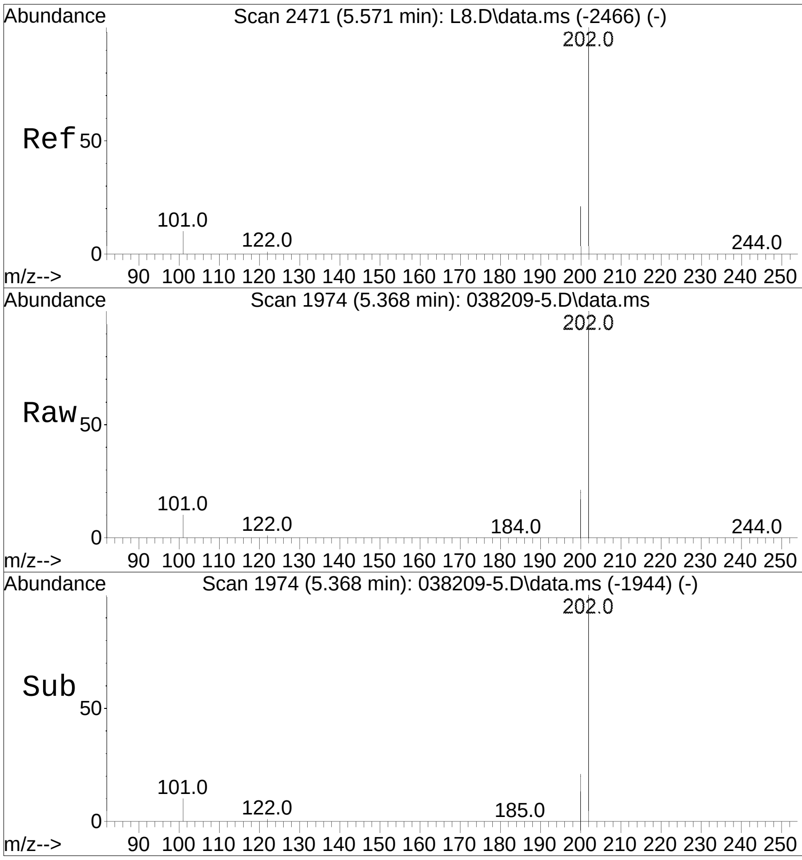


#28
Anthracene
Concen: 2114.49 ng/ml
RT: 4.709 min Scan# 1776
Delta R.T. 0.000 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:178 Resp: 777360

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8

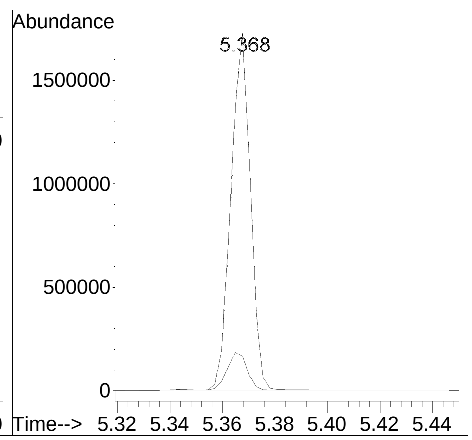


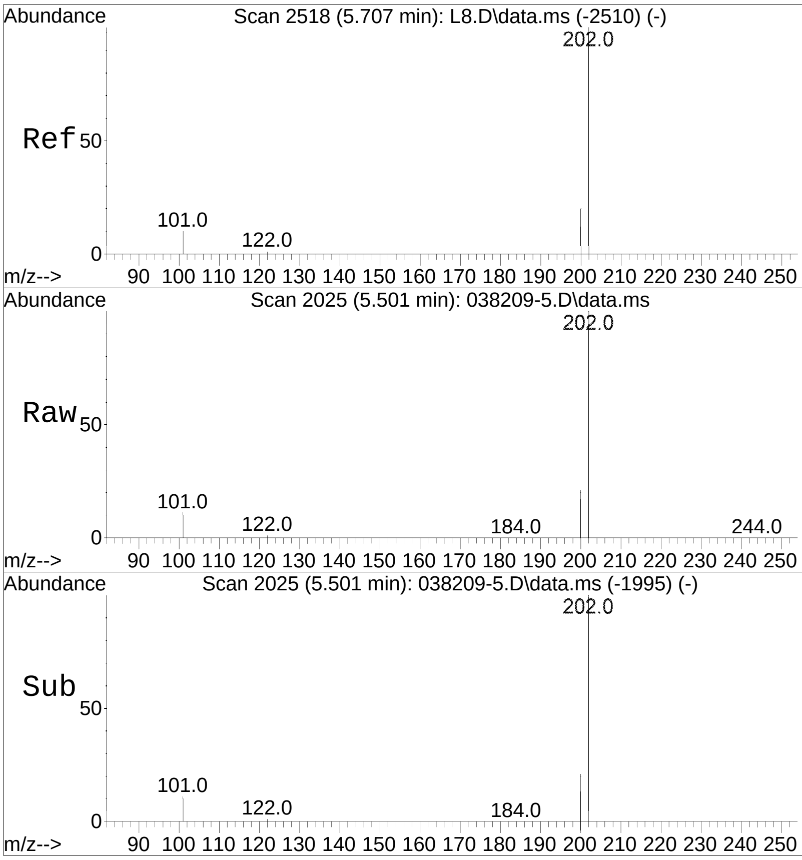


#29
Fluoranthene
Concen: 1914.99 ng/ml
RT: 5.368 min Scan# 1974
Delta R.T. -0.003 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:202 Resp: 878505

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.2	12.2

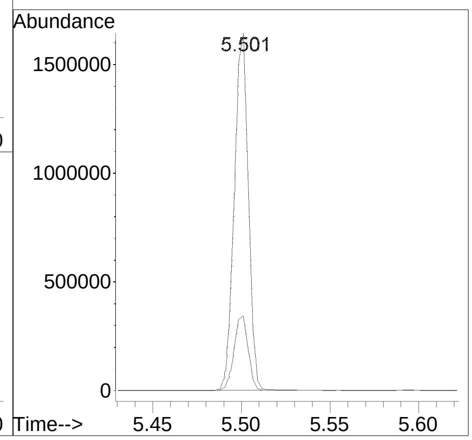


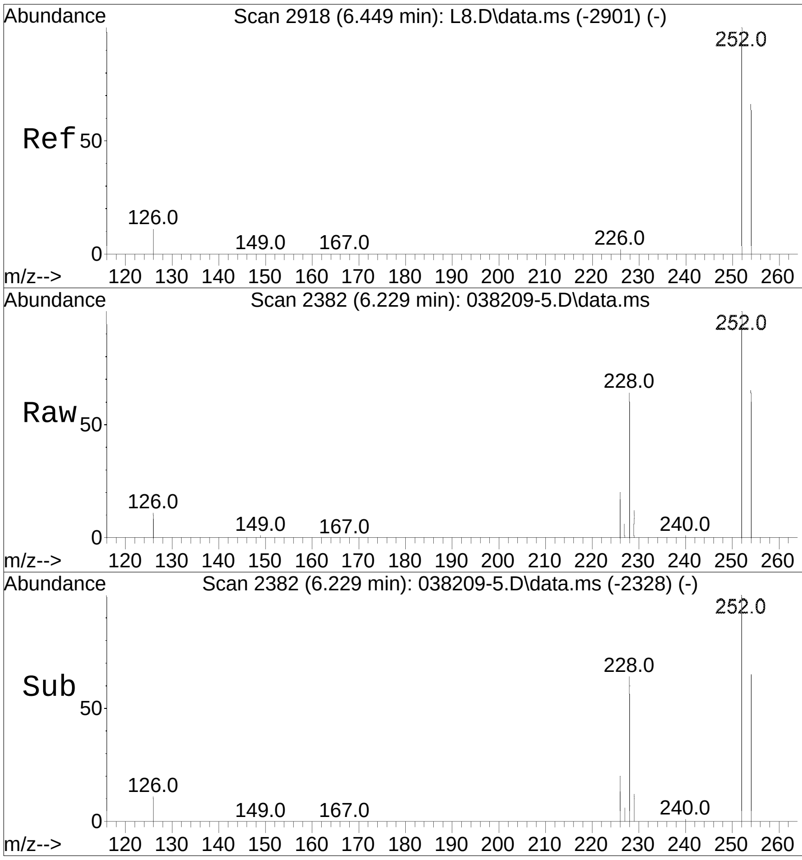


#30
Pyrene
Concen: 1887.97 ng/ml
RT: 5.501 min Scan# 2025
Delta R.T. -0.003 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:202 Resp: 893989

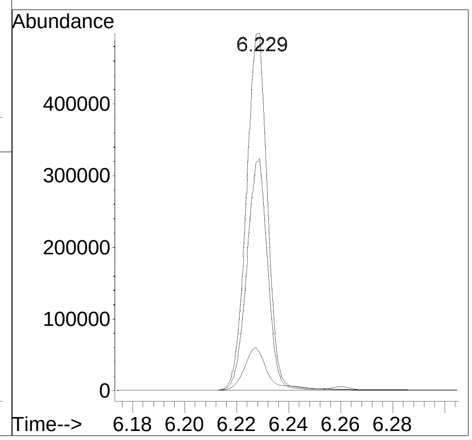
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3

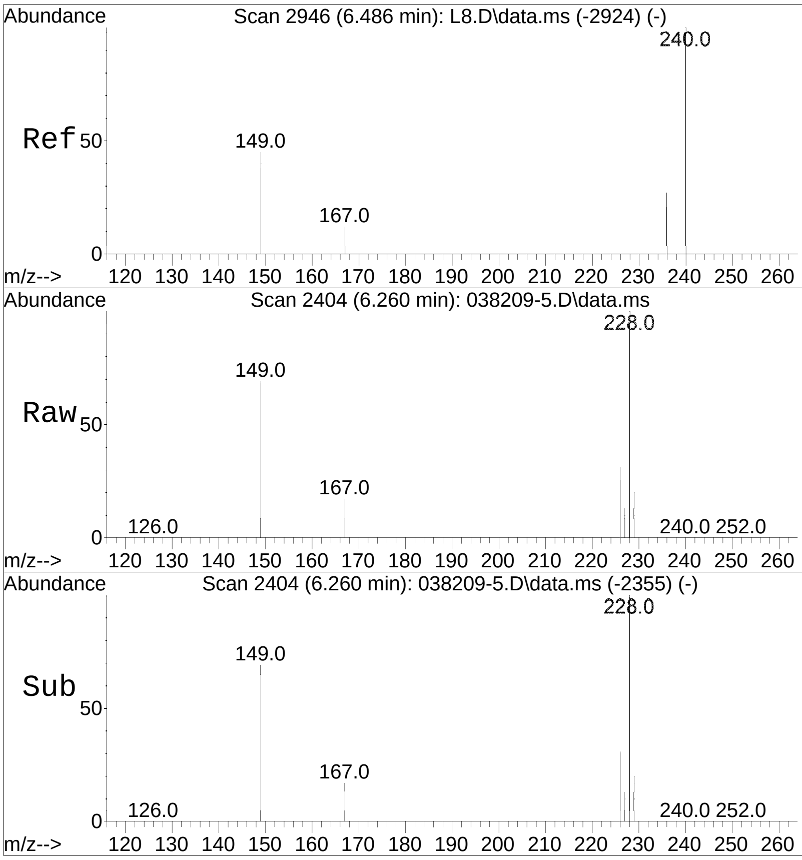





```
#35
3,3'-Dichlorobenzidine
Concen: 2149.18 ng/ml
RT:    6.229 min  Scan# 2382
Delta R.T.  -0.004 min
Lab File:   038209-5.D
Acq: 11 Mar 2025  08:03 pm

Tgt Ion:252 Resp:  279709
Ion  Ratio  Lower  Upper
252  100
126   13.5    8.6   13.0#
254   64.3   51.8   77.8
```

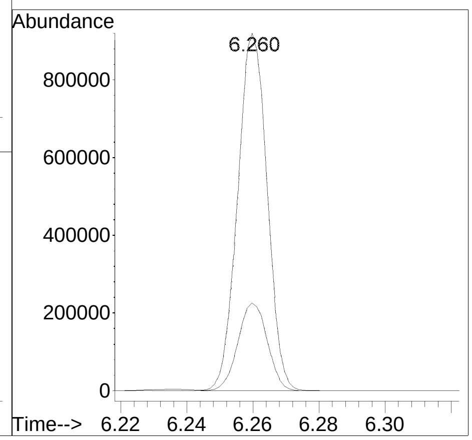


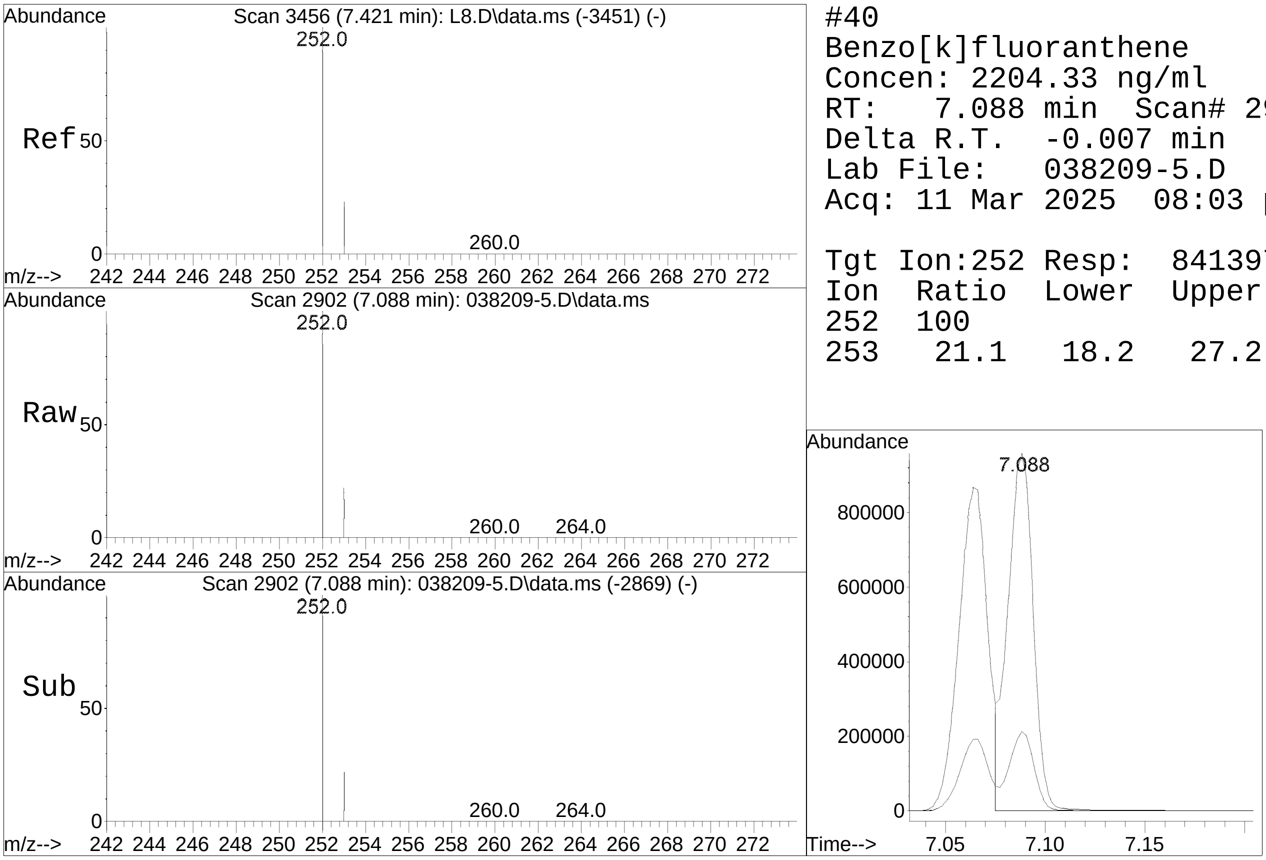


#37
Bis(2-ethylhexyl)phthalate
Concen: 3104.33 ng/ml
RT: 6.260 min Scan# 2404
Delta R.T. -0.011 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:149 Resp: 565851

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.7	31.1

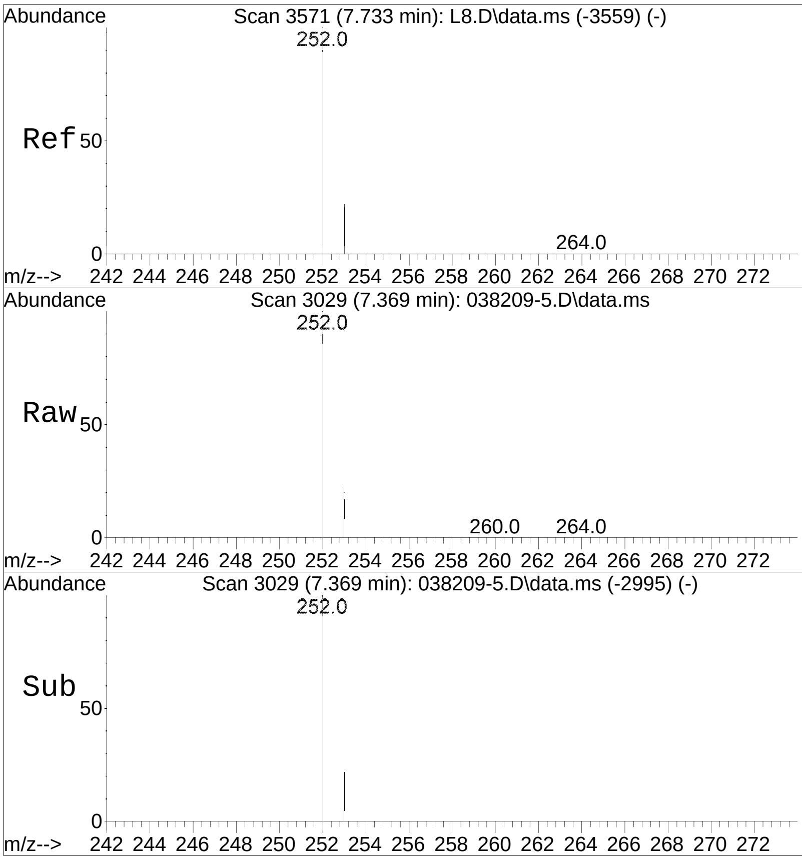




#40
Benzo[k]fluoranthene
Concen: 2204.33 ng/ml
RT: 7.088 min Scan# 2902
Delta R.T. -0.007 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:252 Resp: 841397

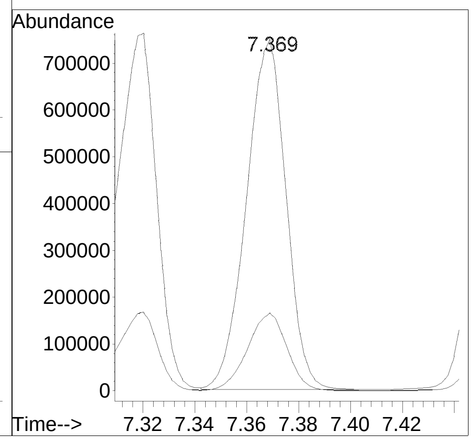
Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.2

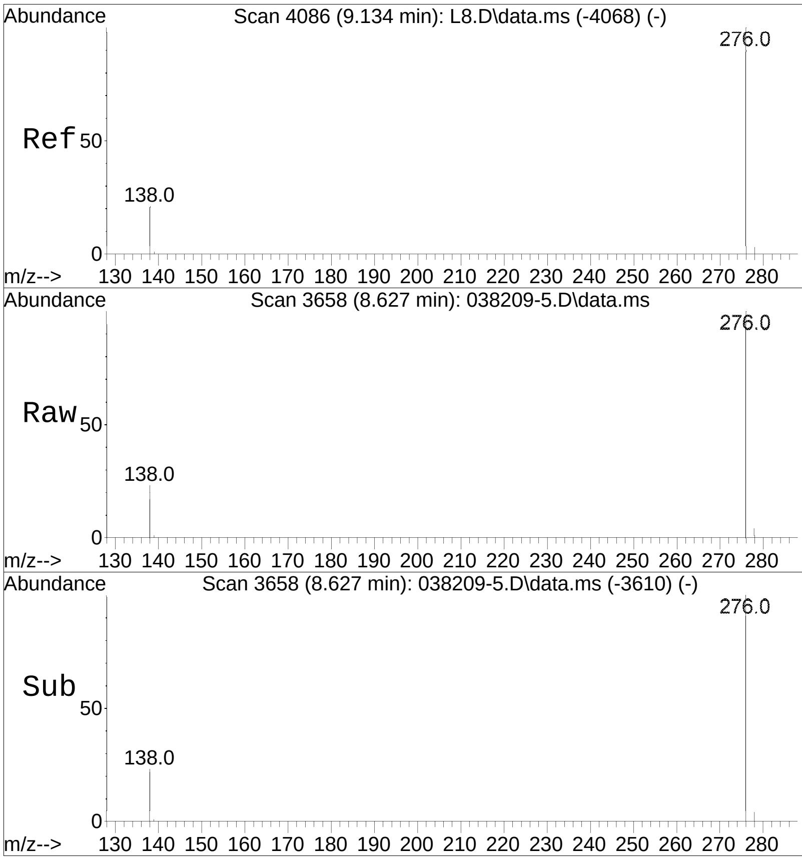


#41
Benzo[a]pyrene
Concen: 2412.74 ng/ml
RT: 7.369 min Scan# 3029
Delta R.T. -0.004 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:252 Resp: 792435

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9

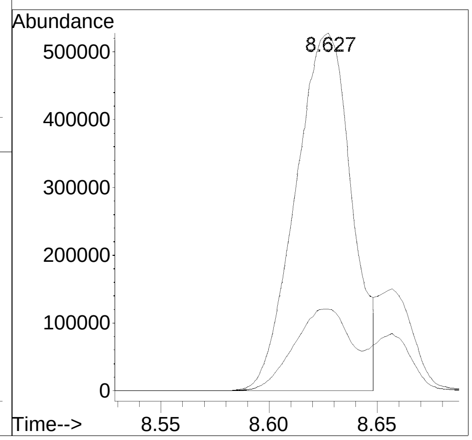


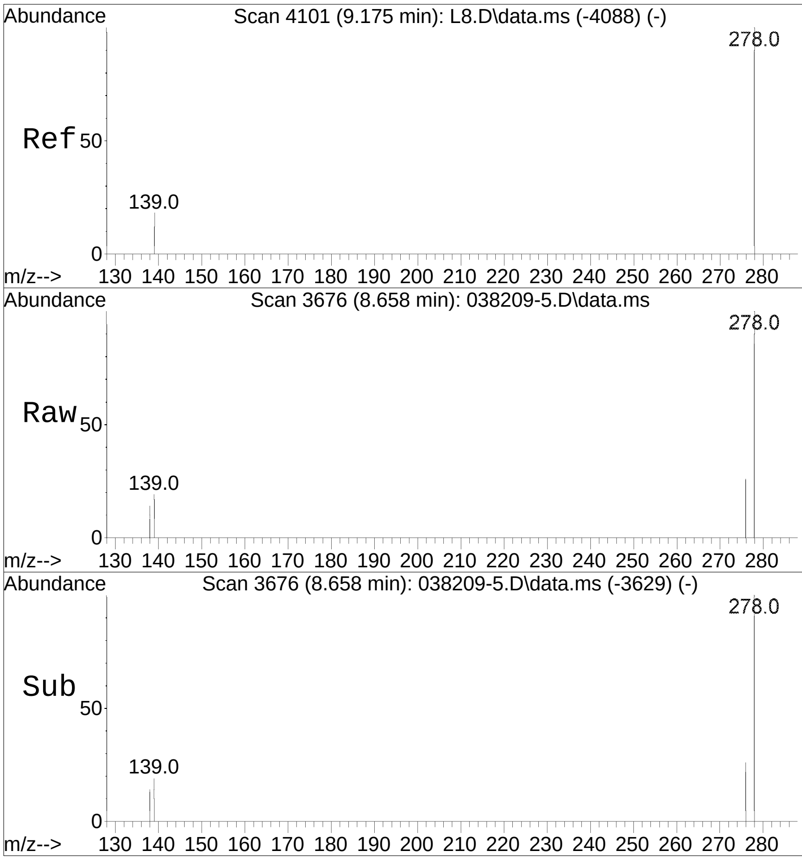


#42
Indeno[1,2,3-cd]pyrene
Concen: 2967.52 ng/ml
RT: 8.627 min Scan# 3658
Delta R.T. 0.004 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:276 Resp: 943576

Ion	Ratio	Lower	Upper
276	100		
138	22.9	16.9	25.3

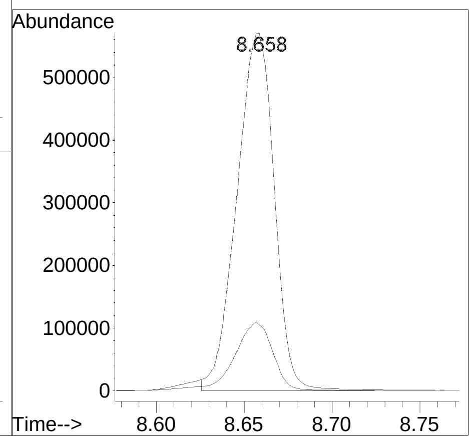


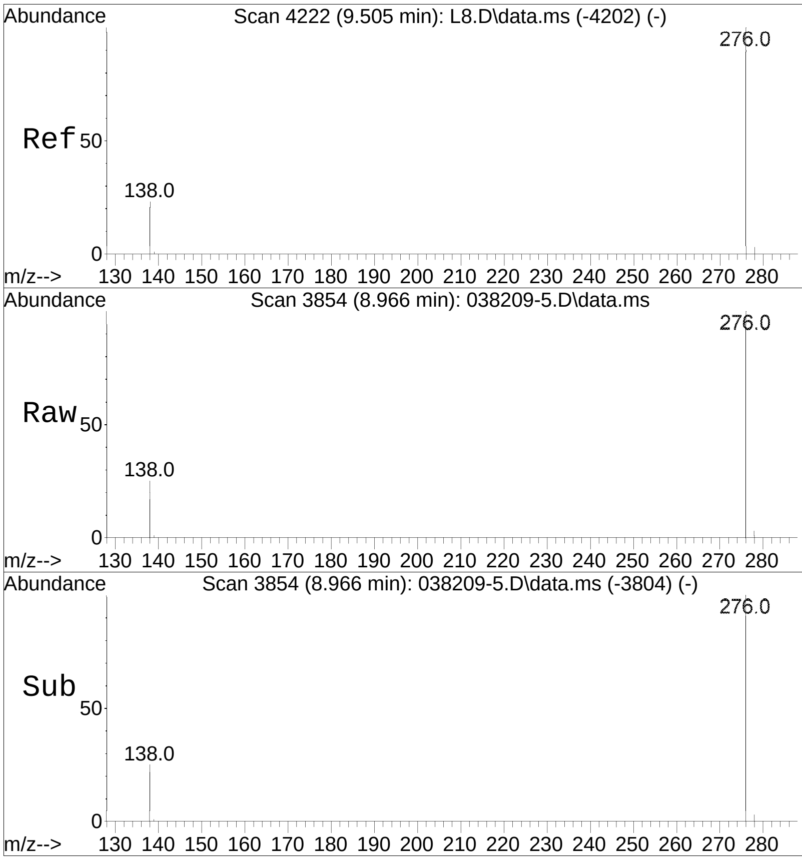


#43
Dibenzo[a,h]anthracene
Concen: 2853.10 ng/ml M6
RT: 8.658 min Scan# 3676
Delta R.T. 0.002 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:278 Resp: 841586

Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.6	22.0

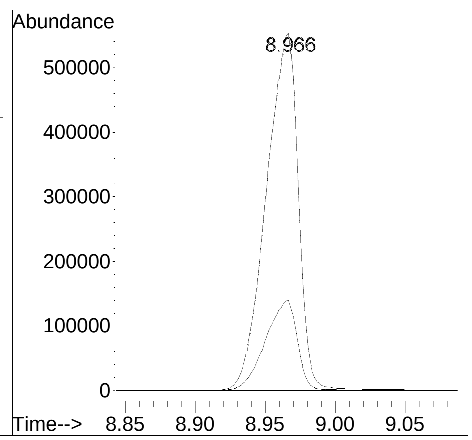




#44
Benzo[g,h,i]perylene
Concen: 2881.23 ng/ml
RT: 8.966 min Scan# 3854
Delta R.T. 0.007 min
Lab File: 038209-5.D
Acq: 11 Mar 2025 08:03 pm

Tgt Ion:276 Resp: 871963

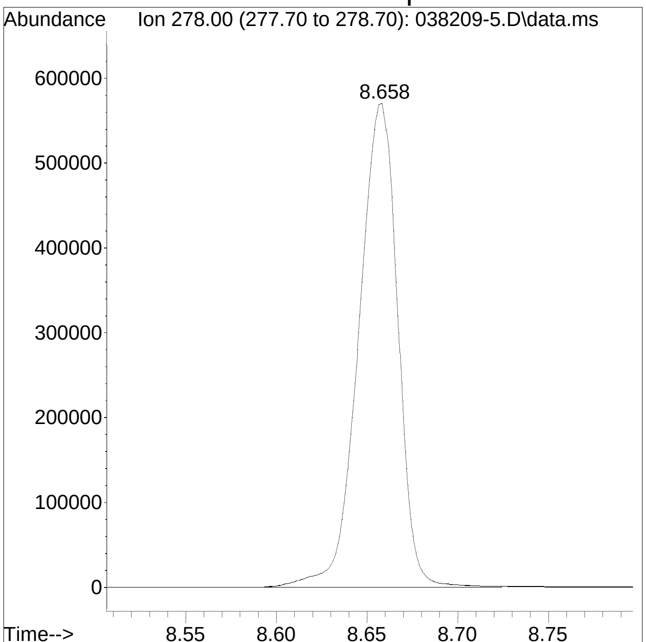
Ion	Ratio	Lower	Upper
276	100		
138	25.1	18.6	28.0

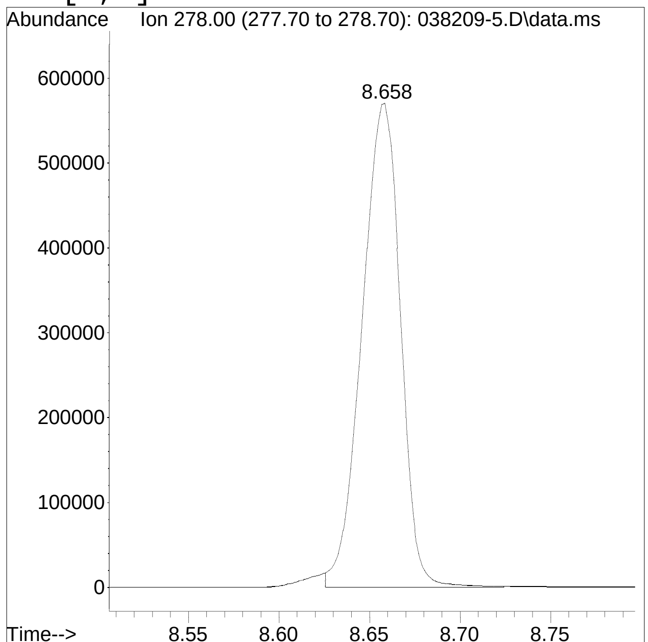


Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Method : SIM-RVT_241229_sv119.M
Data File : 038209-5.D
Operator : sv119:jjw
Date Inj'd : 3/11/2025 8:03 pm
Instrument : SV119
Sample : WG2038209-5,32,,kmh
Quant Date : 3/11/2025 8:16 pm

Compound #43: Dibenzo[a,h]anthracene





Original Peak Response = 856545

Manual Peak Response = 841586 M6

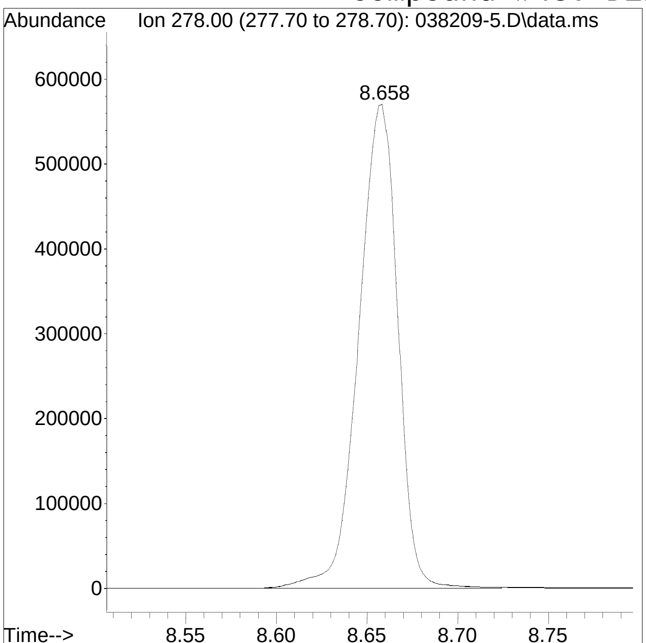
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

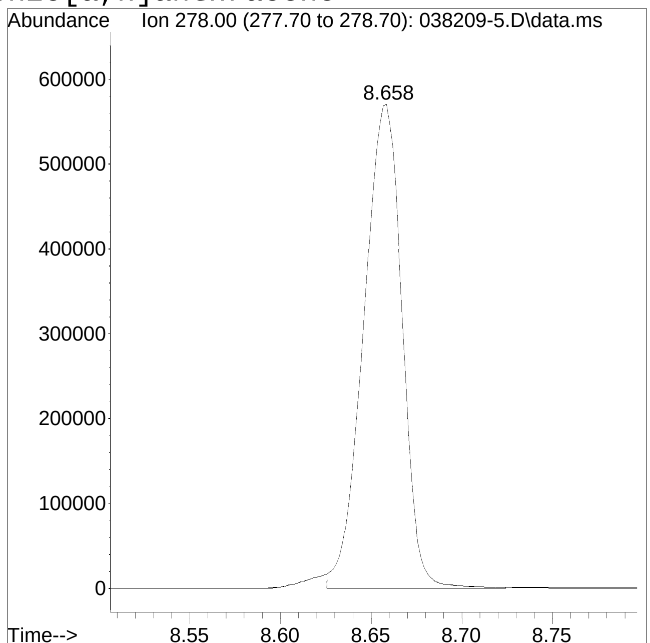
Manual Integration Report

Data Path : I:\8270SIM\sv119\250311bRVQ
Data File : 038209-5.D
Date Inj'd : 3/11/2025 8:03 pm
Sample : WG2038209-5,32,,kmh

Method : SIM-RVT_241229_sv119.M
Operator : sv119:jjw
Instrument : SV119
Quant Date : 3/11/2025 8:16 pm

Compound #43: Dibenzo[a,h]anthracene





Original Peak Response = 856545

Manual Peak Response = 841586 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

<u>Calculation of Semi Volatile Organic Compounds</u>

Aqueous Concentration Formula: Amt * DF * 1000 * (1/Vo) * Vf

Where:
DF = Dilution Factor
Vo = Volume of Sample (mL)
Vf = Extraction Lab Final Volume (mL)

Soil Concentration Formula: Amt * DF * 1000 * (1/Wt) * Vf * (100/TS)
Where:
DF = Dilution Factor
Wt = Weight of Sample (g)
Vf = Extraction Lab Final Volume (mL)
TS = Total Solids

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 12 2025, 12:46 pm

Work Group: WG2038209 for Department: 2 Organic Preparation

Created: 08-MAR-25 Due: Operator: SHD

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2512368-01	5A	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-02	5B	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-04	6A	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-05	6B	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-07	7A	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-08	7B	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-10	8A	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-11	8B	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-13	9A	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-14	9B	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-16	10A	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-17	10B	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512368-19	DUP001	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0312	0312	S0	Amber-A.1
L2512568-01	GW-TS-8	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-01	MW-4S	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-02	MW-4D2	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-03	MW-12S	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-04	MW-12D	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-05	SCDOH_DR	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
L2512607-06	EQUIPMENT BLANK	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0313	0313	S0	Amber-A.1
WG2038209-1	Laboratory Method Bl	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				
WG2038209-2	Laboratory Control S	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				
WG2038209-3	LCS Duplicate	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				
WG2038209-4	Matrix Spike	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				
WG2038209-5	Matrix Spike Duplica	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				

Comments:

WG2038209-3	WG2038209-2
WG2038209-4	L2512368-10
WG2038209-5	L2512368-10

Dep.: GCMS
Inst: SV119
Date: **12/29/24**
Run:

Method
GC: SIM RVT

Seq: WG2015284
ICAL: ICAL21826

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
48	TUNE	TUNE				
48	TUNEa	TUNE				
1	L10	IL10,32,, #10885 5000 ng/ml				
2	L9	IL9,32,, #10901 2500 ng/ml				
3	L8	IL8,32,, #10888 1000 ng/ml				
4	L7	IL7,32,, #10889 500 ng/ml				
5	L6	IL6,32,, #11222 100 ng/ml				
6	L5	IL5,32,, #10891 40 ng/ml				
7	L4	IL4,32,, #10892 10 ng/ml				
8	L3	IL3,32,, #10893 5 ng/ml				
9	L2	IL2,32,, #10900 2 ng/ml				
10	L1	IL1,32,, #10895 1 ng/ml				
11	ICV	CQICV,32,, #10884 1000 ng/ml				
12	instblk	instrument blank				

250311b **2025** SV119

Dep.: GCMS
Inst: SV119
Date: **03/11/25**
Run: b

Method
GC: SIM RVT

Seq: WG2039073
ICAL: 21826

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
48	deg0311b	wg-1,32,,dftpp SV119 lot# 11413				03/11 JJW
49	ccv0311b	wg-3,32,,ICV 11275 (0309)	2MN, 4,6-DNC low			03/11 JJW
50	blank0311b	instrument blank				
1	037572-2	WG2037572-2,32,,RV,kmh				03/11 JJW
2	037572-3	WG2037572-3,32,,RV,kmh				03/11 JJW
3	12105-01	L2512105-01,32,,kmh				03/11 JJW
4	12105-02	L2512105-02,32,,kmh				03/11 JJW
5	12105-03	L2512105-03,32,,kmh				03/11 JJW
6	12105-04	L2512105-04,32,,kmh				03/11 JJW
7	038342-2	WG2038342-2,32,,RV,kmh				03/11 JJW
8	038342-3	WG2038342-3,32,,RV,kmh				03/11 JJW
9	12193-13	L2512193-13,32,,RV,kmh				03/11 JJW
10	130-03d1	L2512130-03d,32,200,kmh				03/11 JJW
11	130-04d1	L2512130-04d,32,20,kmh				03/11 JJW
12	12163-05	L2512163-05,32,,kmh				03/11 JJW
13	12163-06	L2512163-06,32,,kmh				03/11 JJW
14	12245-01	L2512245-01,32,,kmh	10x OCAL			03/11 JJW
15	12245-02	L2512245-02,32,,kmh				03/11 JJW
16	12106-01	L2512106-01,32,,kmh				03/11 JJW
17	12106-02	L2512106-02,32,,kmh				03/11 JJW
18	12106-03	L2512106-03,32,,kmh	10x matrix			03/11 JJW
19	12106-04	L2512106-04,32,,kmh				03/11 JJW
20	12106-05	L2512106-05,32,,kmh				03/11 JJW
21	12106-06	L2512106-06,32,,kmh	5x matrix			03/11 JJW
22	12106-07	L2512106-07,32,,kmh			SV-JJW	03/11 JJW
23	038209-2	WG2038209-2,32,,kmh				03/11 RAP
24	038209-3	WG2038209-3,32,,kmh				03/11 RAP
25	038209-1	WG2038209-1,32,,kmh				03/11 RAP
26	12368-01	L2512368-01,32,,kmh			kmh	03/12 JJW
27	037234-2	WG2037234-2,32,,RV,mrg				03/11 RAP
28	037234-3	WG2037234-3,32,,RV,mrg				03/11 RAP
29	12368-02	L2512368-02,32,,kmh				03/12 JJW
30	12368-04	L2512368-04,32,,kmh			SV-RAP	03/12 JJW
31	12368-05	L2512368-05,32,,kmh				03/12 JJW
32	12368-07	L2512368-07,32,,kmh				03/12 JJW
33	12368-08	L2512368-08,32,,kmh				03/12 JJW
34	038209-4	WG2038209-4,32,,kmh				03/12 JJW
35	038209-5	WG2038209-5,32,,kmh				03/12 JJW
36	12368-10	L2512368-10,32,,kmh				03/12 JJW
37	12368-11	L2512368-11,32,,kmh				03/12 JJW
38	12368-13	L2512368-13,32,,kmh				03/12 JJW
39	12368-14	L2512368-14,32,,kmh				03/12 JJW
40	12368-16	L2512368-16,32,,kmh			mrg	03/12 JJW
					Sv-kmh	

Dep.: GCMS
Inst: SV119
Date: **03/11/25**
Run: b

Method
GC: SIM RVT

Seq: WG2039073
ICAL: 21826

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials

Dep.: GCMS
Inst: SV119
Date: **03/12/25**
Run:

Method
GC: SIM RVT

Seq: WG2039433
ICAL: 21826

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
48	deg0312	wg-1,32,,dftpp SV119 lot# 11462				03/12 kmh
49	ccv0312	wg-3,32,,ICV 11275 (0309)				
49	ccv0312a	wg-3,32,,ICV 11275 (0309)				03/12 kmh
50	blank0312	instrument blank				
1	039305-1	WG2039305-1,32,,kkmh				03/12 kmh
2	039305-2	WG2039305-2,32,,kkmh				03/12 kmh
3	039305-3	WG2039305-3,32,,kkmh				03/12 kmh
4	13827-01	L2513827-01,32,,R3A,kkmh				03/12 kmh
5	12369-04	L2512369-04,32,,RV,kkmh				03/12 kmh
6	245-01d1	L2512245-01d,32,10,kkmh				03/12 kmh
7	106-03d1	L2512106-03d,32,10,kkmh				03/12 kmh
8	106-06d1	L2512106-06d,32,5,kkmh				03/12 kmh
9	039120-2	WG2039120-2,32,,kkmh				03/12 kmh
10	039120-3	WG2039120-3,32,,kkmh				03/12 kmh
11	039120-1	WG2039120-1,32,,kkmh				03/12 kmh
12	12193-16	L2512193-16,32,,RE,kkmh				03/12 kmh
13	12368-17	L2512368-17,32,,kkmh				03/12 kmh
14	12368-19	L2512368-19,32,,kkmh			SV-JJW	03/12 kmh
15	038437-2	WG2038437-2,32,,kkmh				
16	038437-3	WG2038437-3,32,,kkmh				
17	038437-1	WG2038437-1,32,,kkmh			Sv-gmr	
18	12679-01	L2512679-01,32,,kkmh				
19	12663-01	L2512663-01,32,,kkmh				
20	038864-2	WG2038864-2,32,,kkmh				
21	038864-3	WG2038864-3,32,,kkmh				
22	038864-1	WG2038864-1,32,,kkmh				
23	038864-4	WG2038864-4,32,,kkmh				
24	038864-5	WG2038864-5,32,,kkmh				
25	12769-02	L2512769-02,32,,kkmh				
26	038211-2	WG2038211-2,32,,kkmh				
27	038211-3	WG2038211-3,32,,kkmh				
28	038211-1	WG2038211-1,32,,kkmh				
29	12769-01	L2512769-01,32,,kkmh				
30	12769-03	L2512769-03,32,,kkmh				
31	12769-04	L2512769-04,32,,kkmh				
32	12769-05	L2512769-05,32,,kkmh				
33	12769-07	L2512769-07,32,,kkmh				
34	12607-01	L2512607-01,32,,kkmh				
35	12607-02	L2512607-02,32,,kkmh				
36	12607-03	L2512607-03,32,,kkmh				
37	12607-04	L2512607-04,32,,kkmh				
38	12607-05	L2512607-05,32,,kkmh				
39	12607-06	L2512607-06,32,,kkmh			kmh	

Dep.: GCMS
Inst: SV119
Date: **03/12/25**
Run:

Method
GC: SIM RVT

Seq: WG2039433
ICAL: 21826

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials

ORGANIC ELN REPORT

Workgroup: WG2038209

Prep Method: EPA 3510C
Solvent Type: DCM **Lot #:** EJ756
Surrogate Type: ABN **Lot #:** 11378ag,08/11/2025,2c,7,7
Spike Type: ABN-SIM **Lot #:** 11219al,06/19/2025,4r,11220ad
Spike Verify by: SHD
Lims Spikelot: 8270-RVT

Additional Reagents/Stds

H2SO4	A120224
Na2SO4	23K2961078
NaOH	10NNaOH010625

Conc.Method: Buchi
Solvent Type: DCM
Lot #: EJ756

Additional Reagents/Stds

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type: **Lot #:**

Additional Reagents/Stds

Sample/ Type	Extraction: Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Concentration: Conc Date	Analyst	Final Vol ml	Conc Unit
L2512368-01 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-02 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-04 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-05 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-07 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-08 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K

Reported: 12-MAR-25 12:46 PM

ORGANIC ELN REPORT

Workgroup: WG2038209

Sample/ Type	Extraction: Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Concentration: Conc Date	Analyst	Final Vol ml	Conc Unit
L2512368-10 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-11 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-13 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-14 SAMP	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-16 SAMP	03/09/25 04:03	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-17 SAMP	03/09/25 04:03	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512368-19 SAMP	03/09/25 04:03	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512568-01 SAMP	03/09/25 04:03	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K

Reported: 12-MAR-25 12:46 PM

ORGANIC ELN REPORT

Workgroup: WG2038209

Sample/ Type	Extraction: Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Concentration: Conc Date	Analyst	Final Vol ml	Conc Unit
L2512607-01 SAMP	03/09/25 04:03	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512607-02 SAMP	03/09/25 04:03	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512607-03 SAMP	03/09/25 04:03	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512607-04 SAMP	03/09/25 04:03	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512607-05 SAMP	03/09/25 04:03	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
L2512607-06 SAMP	03/09/25 04:03	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
WG2038209-1 BLANK	03/08/25 23:50 **WG2038207**	Samy Dakkash	100	<2, >12	.1		03/09/25 04:36	Alaina Ohara-Cruz	1	K
WG2038209-2 LCS	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1	.1	03/09/25 04:36	Alaina Ohara-Cruz	1	K

Reported: 12-MAR-25 12:46 PM

ORGANIC ELN REPORT

Workgroup: WG2038209

	Extraction						Concentration			
Sample/ Type	Extract Date	Analyst	Sample Vol **ml**	Ph	Surr Amt **ml**	Spike Amt **ml**	Conc Date	Analyst	Final Vol **ml**	Conc Unit
WG2038209 -3 LCSD	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1	.1	03/09/25 04:36	Alaina Ohara-Cruz	1	K
WG2038209 -4 MS	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1	.1	03/09/25 04:36	Alaina Ohara-Cruz	1	K
WG2038209 -5 MSD	03/08/25 23:50	Samy Dakkash	100	<2, >12	.1	.1	03/09/25 04:36	Alaina Ohara-Cruz	1	K

Reported: 12-MAR-25 12:46 PM