Quarterly Groundwater Sampling Report
February 2024 (Q1)
Saranac Lake Gas Company (516008)
Saranac Lake, New York

Prepared for

New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233

Prepared by

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January 2025
Version: FINAL
EA Project No. 16025-34-00-CP

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CONTENTS

Page

LIST OF TABLES ii

LIST OF FIGURES iii

LIST OF APPENDICES iv

LIST OF ACRONYMNS AND ABBREVIATIONS v

1. INTRODUCTION 1

    1.1 OBJECTIVES 1

2. MONITORING ACTIVITIES 3

    2.1 GROUNDWATER GAUGING 3
    2.2 GROUNDWATER SAMPLING 3
    2.3 SAMPLE HANDLING 4
    2.4 INVESTIGATION-DERIVED WASTE 4
    2.5 LABORATORY ANALYSIS 4

3. POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL RESULTS 5

    3.1 GROUNDWATER PAH RESULTS 5
    3.2 GROUNDWATER PAH RESULTS TREND ANALYSIS 5

4. CONCLUSIONS AND FUTURE INVESTIGATION 7

5. REFERENCES 9

LIST OF TABLES

Table 1. Summary of Samples Collected (February 2024)

Table 2. Monitoring Well Construction Details and Groundwater Elevations (February 2024)

Table 3. Summary of Groundwater COC Concentrations and Exceedances (February 2024 and Historical)

LIST OF FIGURES

Figure 1. Site Vicinity Map

Figure 2a. OU01 Long-Term Monitoring Sampling Locations

Figure 2b. OU02 and OU03 Long-Term Monitoring Sampling Locations

Figure 3. Groundwater Elevation Contours

Figure 4. Groundwater Analytical Results – PAH Detections

LIST OF APPENDICES

Appendix A. Daily Field Reports

Appendix B. Field Forms

Appendix C. Laboratory Reports

Appendix D. Mann-Kendall Trend Analysis

LIST OF ACRONYMNS AND ABBREVIATIONS

µg/L	Microgram(s) per liter
%	Percent
COC	Contaminant of concern
DO	Dissolved oxygen
EA	Engineering, P.C. and its affiliate EA Science and Technology
EPA	U.S. Environmental Protection Agency
ft	Foot (feet)
MACTEC	MACTEC Engineering and Consulting, Inc.
mg/L	Milligram(s) per liter
MGP	Manufactured gas plant
NTU	Nephelometric turbidity unit
NYSDEC	New York State Department of Environmental Conservation
ORP	Oxidation-reduction potential
OU	Operable unit
PAH	Polycyclic aromatic hydrocarbon
P.G.	Professional Geologist
pH	Potential hydrogen
RI	Remedial investigation
ROD	Record of Decision
SMP	Site Management Plan

1. INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering, P.C. and its affiliate EA Science and Technology (EA) to perform site management activities at the Saranac Lake Gas Company Site (NYSDEC Site No. 516008), which includes evaluation and performance of long-term monitoring of groundwater, surface water, and sediment. The site is in a suburban area of Essex County in Saranac Lake, New York (**Figure 1**).

From the late 1800s to approximately 1940s, the former manufactured gas plant (MGP), Saranac Lake Gas Co., manufactured lighting gas (coal gasification) for the village of Saranac Lake. During this time, MGP waste was released into the environment at the former MGP property (Operable Unit [OU] 01) with direct surface discharge of waste to Brandy Brook (OU02) and downstream migration to Pontiac Bay of Lake Flower (OU03). Non-aqueous phase liquids and residual products are present within OU01 and impacting groundwater migrating from the site. NYSDEC initiated a remedial investigation (RI)/Feasibility Study to determine the extent of the contamination present in the environment, related to the historical activities at the former MGP. RI field investigations were completed at the site between August 2013 and October 2014. The RI included an evaluation of visual impacts to groundwater, sediment, soil, and surface water, and concluded that on-site groundwater, sediment, surface water, and soil were impacted with MGP waste (MACTEC Engineering and Consulting, P.C. [MACTEC] 2015a). Following the issuance of the RI report, Feasibility Studies were developed in 2016 for OU01 (MACTEC 2016), 2015 for OU02 (MACTEC 2015b), and 2015 for OU03 (MACTEC 2015c). Selected remedies presented in the 2017 Record of Decision (ROD) for OU01 (NYSDEC 2017), 2016 ROD for OU02 (NYSDEC 2016), and 2015 ROD and 2018 Explanation of Significant Difference for OU03 (NYSDEC 2016 and NYSDEC 2018). Remedial activities were conducted between April and December 2018 at OUs 02 and 03, followed by site-restoration activities between May and June 2019 (MACTEC 2020) and between April 2021 and June 2022 at OU01 (MACTEC 2023a). Post-OU1 remediation media monitoring and sampling is being conducted at the site as required by the NYSDEC per the Site Management Plan (SMP) (MACTEC 2023b).

1.1 OBJECTIVES

Post-OU01 remediation media monitoring and sampling is being conducted at the site as required by the NYSDEC per the SMP (MACTEC 2023b). The SMP calls for quarterly monitoring and sampling of groundwater, surface water, and sediment for polycyclic aromatic hydrocarbons (PAHs)/semi-volatile organic compounds during the first two years following completion of remediation of OU01, biannually during the third year, and annually in all subsequent years. The objective of the monitoring and sampling program is to evaluate the effectiveness of the remedy within OU02 and OU03. The sampling program began in the second quarter (Q2) of 2022 (July), following completion of the OU01 remediation conducted from 12 April 2021 to 2 June 2022.

This report presents the results of the quarterly sampling event conducted in the first quarter (Q1) of 2024 (February 2024). The February 2024 event is the sixth post-OU01 remediation media-monitoring and sampling event. Surface water and sediment were not sampled at the February

2024 quarterly event, due to frozen conditions making portions of Brandy Brook and Pontiac Bay inaccessible.

2. MONITORING ACTIVITIES

The Q1 2024 media monitoring and sampling event was conducted from 12 to 13 February 2024. Sampling locations are presented on **Figure 2a** (OU01) and **Figure 2b** (OU02 and OU03). A summary of samples collected during the Q1 2024 event is provided in **Table 1**. Daily field reports are included in **Appendix A.**

2.1 GROUNDWATER GAUGING

Groundwater levels and well depths were recorded at 11 wells and piezometers on 12 February 2024 (MW-104, MW-106R, MW-108R, MW-110R, MW-204S, MW-204D, MW-205S, MW-205D, PZ-301, PZ-PV1, PZ-PV2) prior to the initiation of groundwater sampling to determine groundwater flow patterns in the overburden. Piezometers PZ-PV1 and PZ-PV2 are not included in the sampling program but are gauged consistent with the SMP. Groundwater levels and well depths were measured with an electronic water level meter and recorded to the nearest hundredth of a foot (ft) from a designated measuring point on top of the inner polyvinyl chloride well casing (top of riser). Groundwater elevations and well depths are provided in **Table 2**, and monitoring well gauging logs are provided in **Appendix B**. Groundwater flows south/southwest at the site, and groundwater elevation contours are provided on **Figure 4**.

2.2 GROUNDWATER SAMPLING

Groundwater samples were collected from nine monitoring wells and piezometers (MW-104, MW-106R, MW-108R, MW-110R, MW-204S, MW-204D, MW-205S, MW-205D, and PZ-301) using low-flow sampling techniques. Wells were purged using a peristaltic pump with a flow rate of approximately 0.25 to 0.3 liters per minute. Dedicated, high-density polyethylene tubing was used at each monitoring well location. Drawdown was not monitored at wells throughout purging due to issues with fitting both the electronic water level indicator and sampling tubing into wells simultaneously.

Water quality parameters, including temperature, pH, conductivity, dissolved oxygen, oxidation-reduction potential, and turbidity, were monitored at three-minute intervals throughout purging using a Horiba-U-52 water quality meter equipped with a flow-through cell. Sampling instruments were calibrated daily prior to starting sampling activities, and calibration checks were conducted, as needed, throughout each day of sampling. A log of the field equipment calibration records is provided in **Appendix B**. Water levels and water quality parameters were recorded on groundwater sampling purge forms, provided in **Appendix B**.

- Purge rate (milliliters per minute)
- Depth to water (0.01 ft)
- Temperature (degrees Celsius)
- pH
- Specific conductance (siemens per centimeter)
- Dissolved oxygen (DO) (milligrams per liter [mg/L])
- Oxidation-reduction potential (ORP) (millivolts)

- Turbidity (nephelometric turbidity units [NTU])

Purging was considered complete when the indicator parameters had stabilized over three consecutive readings, showing formation water was being drawn. Stabilization requirements were as follows:

- Drawdown: less than 0.3 ft drawdown during purging (MW-104 only)
- pH: ± 0.1 standard unit
- Specific Conductivity: ± 3 percent (%)
- DO: ± 10% (mg/L) for values greater than 0.5 mg/L or 3 readings less than 0.5 mg/L
- ORP: ± 10 millivolts
- Turbidity: Less than 5 NTU or ± 10% for readings greater than 5 NTU

Following stabilization of groundwater field parameters, the flow-through cell was disconnected from the dedicated sample tubing. Groundwater samples were collected directly from the tubing into laboratory-supplied sample containers for off-site laboratory analysis of PAHs by U.S. Environmental Protection Agency (EPA) Method 8270E. Quality assurance/quality control samples collected for groundwater samples included one matrix spike/matrix spike duplicate and one field duplicate. Sample identifications, sample dates/times, and quality assurance/quality control sample locations are presented in **Table 1**. Sample handling is presented in Section 2.4.

2.3 SAMPLE HANDLING

Samples were collected using clean nitrile gloves and placed in laboratory-supplied containers containing proper preservatives. Samples were placed on ice in sample coolers immediately after collection to ensure proper preservation. Pertinent sample information was recorded on the associated chain-of-custody, and samples were shipped overnight via Federal Express to SGS North America Inc. laboratory in Dayton, New Jersey, under secure chain-of-custody protocol.

2.4 INVESTIGATION-DERIVED WASTE

Purge water and decontamination fluids generated during groundwater sampling activities were disposed of through a 5-gallon bucket holding granulated activated carbon, designed to filter water at the wellhead. Non-contaminated trash and debris (wastepaper, food and beverage containers, and expendables) was placed in a trash dumpster and disposed of by a local waste disposal. Expendable materials used during the investigation (i.e., used tubing, nitrile gloves, etc.) were double-bagged and properly disposed of as general debris/trash.

2.5 LABORATORY ANALYSIS

Off-site laboratory analytical services for groundwater and surface water were provided by SGS North America Inc. laboratory in Dayton, New Jersey. Laboratory analytical reports are provided in **Appendix C**.

3. POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL RESULTS

Contaminants of concern (COCs) in aqueous and sediment media for the site are PAHs. Concentrations of the COCs for the site serve as a metric to evaluate contaminant plume migration following remedial action.

3.1 GROUNDWATER PAH RESULTS

Groundwater analytical results were compared to the NYSDEC Class GA groundwater standards and guidance values (6 New York Code of Rules and Regulations Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).

PAH concentrations for wells sampled in the first quarter of 2024 are summarized in **Table 3** and presented on **Figure 3**. Acenaphthene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, Indeno(1,2,3-cd)pyrene, naphthalene, and phenanthrene were detected at concentrations in exceedance of their respective NYSDEC Class GA guidance values at the following wells:

- Acenaphthene: MW-104, MW-106R, MW-110R, and MW-205D
- Benzo(a)anthracene: MW-104, MW-106R, MW-110R, and PZ-301
- Benzo(b)fluoranthene: MW-110R, MW-205S, and PZ-301
- Benzo(k)fluoranthene: MW-110R
- Chrysene: MW-110R
- Indeno(1,2,3-cd)pyrene: MW-110R and MW-205S
- Naphthalene: MW-104, MW-106R, MW-110R, MW-204S, MW-204D, and MW-205D
- Phenanthrene: MW-104

Maximum concentrations for each analyte were as follows:

- Acenaphthene: 85.6 micrograms per liter (µg/L), detected at MW-104
- Benzo(a)anthracene: 1.8 µg/L, detected at MW-110R
- Benzo(b)fluoranthene: 1.4 µg/L, detected at MW-110R
- Benzo(k)fluoranthene: estimated 0.38 µg/L, detected at MW-110R
- Chrysene: 1.5 µg/L, detected at MW-110R
- Indeno(1,2,3-cd)pyrene: estimated 0.62 µg/L, detected at MW-110R
- Naphthalene: 2,260 µg/L, detected at MW-205D
- Phenanthrene: 55.5 µg/L, detected at MW-104

3.2 GROUNDWATER PAH RESULTS TREND ANALYSIS

Mann-Kendall trend analyses were conducted for all monitoring wells sampled during the last four quarterly sampling events (this excludes PZ-301, which was sampled only during the October 2023 and February 2024 sampling events, due to access restrictions) and are included in **Appendix D**. These analyses were completed for all analytes detected in exceedance of

NYSDEC Class GA groundwater standards during one or more sampling event. Overall concentrations of all analytes are stable or show no trend over the last four sampling events. Future sampling events will include additional Mann-Kendall trend analysis to continue monitoring trends.

4. CONCLUSIONS AND FUTURE INVESTIGATION

In accordance with the SMP, post-OU01 remediation media monitoring and sampling will continue to monitor and evaluate COC concentration trends over time. Mann-Kendall trend analysis will be performed following all future sampling events to monitor statistical trends between results from the respective sampling events. The results of these statistical analyses will be used to decide if future RI and remedial action are warranted.

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Tables

Table 1. Summary of Samples Collected (February 2024)

Location ID	Sample ID	Sample Date	Sample Time	MS/ MSD	Analysis
Groundwater Samples					
MW-104	516008-MW-104	2/12/2024	1439	N	EPA method 8270
MW-106R	516008-MW-106R	2/12/2024	1553	N	EPA method 8270
MW-108R	516008-MW-108R	2/13/2024	1002	N	EPA method 8270
MW-110R	516008-MW-110R	2/13/2024	1115	N	EPA method 8270
MW-204S	516008-MW-204S	2/12/2024	1417	N	EPA method 8270
MW-204D	516008-MW-204D	2/12/2024	1513	N	EPA method 8270
MW-205S	516008-MW-205S	2/12/2024	1224	N	EPA method 8270
MW-205D	516008-MW-205D	2/12/2024	1307	Y	EPA method 8270
PZ-301	516008-PZ-301	2/12/2024	1239	N	EPA method 8270
QC Samples					
Associated Parent Sample	**Sample ID**	**Sample Date**	**Sample Time**	**QC Type**	
516008-PZ-301	516008-FD-GW	2/12/2024	-	FD	

Notes:
EPA = U.S. Environmental Protection Agency
FD = Field Duplicate
ID = Identification
MS = Matrix spike
MSD = Matrix spike duplicate
MW = Monitoring well
PZ = Piezometer
QC = Quality control

Table 2. Monitoring Well Construction Details and Groundwater Elevations (February 2024)

Location ID	Northing	Easting	Top of Casing Elevation (ft amsl)	Riser Elevation (ft amsl)	Ground Surface Elevation (ft amsl)	TOC (ft ags)	TOC - TOR (ft)	Bottom of Well (ft BTOR)	Screening Interval (ft bgs)	DTW (ft bgs) (February 2024)	GW Elevation (ft) (February 2024)
MW-104	1999833.87	592054.19	1545.27	1544.85	1542.3	3.0	0.42	19.4	6.4 - 16.4	6.46	1538.39
MW-106R	1999720.17	592160.58	1544.09	1541.39	1543.9	2.7	2.7	14.5	4.3 - 14.3	5.58	1535.81
MW-108R	1999558.44	592455.82	1547.42	1544.52	1547.2	2.9	2.9	19.2	9.0 - 19.0	10.61	1533.91
MW-110R	1999536.11	592196.40	1547.33	1543.73	1546.1	3.6	3.6	20.1	9.9 - 19.9	12.52	1531.21
MW-204S	1999285.76	592255.49	1546.53	1546.29	1543.5	3.0	0.24	28.3	10.3 - 25.3	13.17	1533.12
MW-204D	1999286.15	592260.28	1546.95	1546.95	1547	3.0	0	29.7	19.5 - 29.5	13.52	1533.43
MW-205S	1999119.02	592297.69	1545.44	1545.24	1542.5	2.9	0.2	19.6	9.6 - 19.6	12.08	1533.16
MW-205D	1999124.3	592295.88	1545.52	1545.37	1542.4	3.1	0.15	33.5	20.4 - 30.4	12.1	1533.27
PZ-301	1999930.6	591913.4	1544.3	1544.3	1540	4.3	0	12.0	2.0 - 12.0	5.69	1538.61
PZ-PV1	1999452.523	592713.030	1546.9	1546.6	1547	3.1	0.3	15.1	4.8 - 14.8	10.92	1535.68
PZ-PV2	1999775.970	592560.119	1548.1	1547.8	1545	0	0.3	15.1	4.9 - 14.9	5.96	1541.84

Notes:
amsl = Above mean sea level
bgs = Below ground surface
DTW = Depth to water
ft = Foot (feet)
MW = Monitoring Well
NM = Not measured
PZ = Piezometer
TOC = Top of casing
TOR = Top of riser

Table 3. Summary of Groundwater COC Concentrations and Exceedances (February 2024 and Historical)

		Location ID	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104
		Sample Name	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	516008-MW-104	516008-MW-104	516008-MW-104	516008-MW-104
		Parent Sample ID										
		Sample Date	7/21/2020	11/19/2020	2/24/2021	6/8/2021	10/20/2021	7/26/2022	5/30/2023	8/9/2023	10/31/2023	2/12/2024
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)												
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	< 0.032 U	NA	NA	NA	NA
2-Methylnaphthalene	NSL	µg/L	NA	NA	NA	NA	NA	NA	370	NA	NA	NA
Acenaphthene	20	µg/L	96	130	64	73	85	76 J	94	71.4	84.6	85.6
Acenaphthylene	NSL	µg/L	110	140	96 J+	87	84	92 J	88	84.1	81.6	91.2
Anthracene	50	µg/L	12	12	11 J	7.8 J	5.1 J	8.1 J	8.6	9.7	13.1	10
Benzo(A)Anthracene	0.002	µg/L	3.1 J+	< 0.36 U	< 3.9 U	0.046 J	< 0.078 U	0.066 J	< 0.45 U	< 0.20 U	< 0.20 U	0.27 J
Benzo(A)Pyrene	NSL	µg/L	< 2.2 U	< 0.47 U	< 5.4 U	< 0.022 U	< 0.11 U	< 0.015 UJ	< 0.68 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(B)Fluoranthene	0.002	µg/L	< 2.4 U	< 0.34 U	< 6.0 U	< 0.024 U	< 0.12 U	< 0.016 UJ	< 0.53 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 3.5 U	< 0.35 U	< 8.8 U	< 0.035 U	< 0.18 U	< 0.018 UJ	< 0.66 U	< 0.34 U	< 0.34 U	< 0.34 U
Benzo(K)Fluoranthene	0.002	µg/L	< 2.8 U	< 0.73 U	< 7.0 U	< 0.028 U	< 0.14 U	< 0.012 UJ	< 0.61 U	< 0.21 U	< 0.21 U	< 0.21 U
Chrysene	0.002	µg/L	3.5 J+	< 0.33 U	< 7.5 U	0.037 J	< 0.15 U	0.061 J	< 0.43 U	< 0.18 U	< 0.18 U	< 0.18 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 2.0 U	< 0.42 U	< 5.0 U	< 0.020 U	< 0.10 U	< 0.018 UJ	< 0.72 U	< 0.33 U	< 0.33 U	< 0.33 U
Fluoranthene	50	µg/L	6.2 J+	4 J	< 9.8 U	2.6	2.3	3.3 J	3.3 J	3.7	5	3.6
Fluorene	50	µg/L	58	58	38 J	40	52 J	36 J	39	37.3	44.8	39.1
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 3.6 U	< 0.47 U	< 9.1 U	< 0.036 U	< 0.18 U	< 0.018 UJ	< 0.76 U	< 0.33 U	< 0.33 U	< 0.33 U
Naphthalene	10	µg/L	250	1100	760	700	820	320 J	500	446	385	573
Phenanthrene	50	µg/L	53	78 J	33 J	22 J	52 J	49 J	52	48.6	62.9	55.5
Pyrene	50	µg/L	7.8 J+	7	< 7.9 U	3.4	3.9	4.5 J	4.1 J	4.1	6.2	5.1

(1) NYSDEC Class GA groundwater standards and guidance values (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).
µg/L = Microgram(s) per liter.
ng/L = Nanogram(s) per liter.
J = Concentration is estimated.
J+ = Concentration is estimated; biased high.
NA = Not analyzed.
NSL = No screening level
NYSDEC = New York State Department of Environmental Conservation.
SVOCs = Semivolatile organic compounds.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are shaded.
PZ-301 was not sampled in May or August 2023 due to access issues.

Table 3. Summary of Groundwater COC Concentrations and Exceedances (February 2024 and Historical)

		Location ID	MW-106R	MW-106R	MW-106R	MW-106R	MW-106R	MW-106R	MW-106R	MW-108R	MW-108R	MW-108R
		Sample Name	MW-106R	MW-106RD	MW-106R	516008-MW-106R	516008-MW-106R	516008-MW-106R	516008-MW-106R	MW-108R	MW-108R	516008-MW-108R
		Parent Sample ID		MW-106R								
		Sample Date	7/26/2022	7/26/2022	10/12/2022	5/30/2023	8/9/2023	10/31/2023	2/12/2024	7/26/2022	10/12/2022	5/31/2023
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
SVOCs (SW8270)												
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 0.031 U	< 0.034 U	NA	NA	NA	NA	NA	< 0.032 U	NA	NA
2-Methylnaphthalene	NSL	µg/L	NA	NA	NA	140	NA	NA	NA	NA	NA	< 0.66 U
Acenaphthene	20	µg/L	NA	NA	26	39	26.1	41.6	25.8	NA	23	< 0.52 U
Acenaphthylene	NSL	µg/L	NA	NA	27	24	14.1	33.7	24.6	NA	76	< 0.54 U
Anthracene	50	µg/L	NA	NA	3.1	3.3 J	3.7	6.1	3.1	NA	8.7	< 0.48 U
Benzo(A)Anthracene	0.002	µg/L	NA	NA	0.34	< 0.46 U	0.29 J	0.31 J	0.25 J	NA	2.9	< 0.45 U
Benzo(A)Pyrene	NSL	µg/L	NA	NA	0.27	< 0.7 U	< 0.21 U	< 0.21 U	< 0.21 U	NA	2.3	< 0.68 U
Benzo(B)Fluoranthene	0.002	µg/L	NA	NA	0.28	< 0.55 U	< 0.21 U	< 0.21 U	< 0.21 U	NA	1.9	< 0.53 U
Benzo(G,H,I)Perylene	NSL	µg/L	NA	NA	0.18 J	< 0.68 U	< 0.34 U	< 0.34 U	< 0.34 U	NA	1.2	< 0.66 U
Benzo(K)Fluoranthene	0.002	µg/L	NA	NA	0.088 J	< 0.63 U	< 0.21 U	< 0.21 U	< 0.21 U	NA	0.57	< 0.61 U
Chrysene	0.002	µg/L	NA	NA	0.35	< 0.44 U	0.19 J	0.27 J	< 0.18 U	NA	2.8	< 0.43 U
Dibenz(A,H)Anthracene	NSL	µg/L	NA	NA	0.027 J	< 0.74 U	< 0.33 U	< 0.33 U	< 0.33 U	NA	0.16	< 0.72 U
Fluoranthene	50	µg/L	NA	NA	2.3	2.0 J	1.7	3.1	1.9	NA	14	< 0.47 U
Fluorene	50	µg/L	NA	NA	14	13	8.3	18.8	13.8	NA	18	< 0.52 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	NA	NA	0.16	< 0.78 U	< 0.33 U	< 0.33 U	< 0.33 U	NA	1	< 0.76 U
Naphthalene	10	µg/L	NA	NA	480	500	237	253	281	NA	940	< 0.58 U
Phenanthrene	50	µg/L	NA	NA	15	21	14	22.3	17.4	NA	13	< 0.5 U
Pyrene	50	µg/L	NA	NA	2.9	2.8 J	2.5	3.7	2.2	NA	17	< 0.64 U

(1) NYSDEC Class GA groundwater standards and guidance values (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).
µg/L = Microgram(s) per liter.
ng/L = Nanogram(s) per liter.
J = Concentration is estimated.
J+ = Concentration is estimated; biased high.
NA = Not analyzed.
NSL = No screening level
NYSDEC = New York State Department of Environmental Conservation.
SVOCs = Semivolatile organic compounds.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are shaded.
PZ-301 was not sampled in May or August 2023 due to access issues.

Table 3. Summary of Groundwater COC Concentrations and Exceedances (February 2024 and Historical)

		Location ID	MW-108R	MW-108R	MW-108R	MW-108R	MW-110R	MW-110R	MW-110R	MW-110R	MW-110R	MW-110R
		Sample Name	516008-FD-GW	516008-MW-108R	516008-MW-108R	516008-MW-108R	MW-110R	MW-110R	516008-MW-110R	516008-MW-110R	516008-MW-110R	516008-MW-110R
		Parent Sample ID	516008-MW-108R									
		Sample Date	5/31/2023	8/9/2023	10/30/2023	2/12/2024	7/26/2022	10/12/2022	5/31/2023	8/8/2023	10/30/2023	2/12/2024
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
SVOCs (SW8270)												
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	< 0.033 UJ	NA	NA	NA	NA	NA
2-Methylnaphthalene	NSL	µg/L	< 0.66 U	NA	NA	NA	NA	NA	< 0.65 U	NA	NA	NA
Acenaphthene	20	µg/L	< 0.52 U	< 0.19 U	< 0.19 U	< 0.19 U	NA	< 0.019 U	< 0.52 U	12.5	53.4	51
Acenaphthylene	NSL	µg/L	< 0.54 U	< 0.14 U	< 0.14 U	< 0.14 U	NA	< 0.015 U	< 0.54 U	27.3	132	91.7
Anthracene	50	µg/L	< 0.48 U	< 0.21 U	< 0.21 U	< 0.21 U	NA	< 0.012 U	< 0.48 U	6	20.9	11.1
Benzo(A)Anthracene	0.002	µg/L	< 0.45 U	< 0.20 U	< 0.20 U	< 0.2 U	NA	< 0.014 U	< 0.44 U	2.2	5.7	1.8
Benzo(A)Pyrene	NSL	µg/L	< 0.68 U	< 0.21 U	< 0.21 U	< 0.21 U	NA	< 0.015 U	< 0.67 U	2.2	5.5	1.5
Benzo(B)Fluoranthene	0.002	µg/L	< 0.53 U	< 0.21 U	< 0.21 U	< 0.21 U	NA	< 0.016 U	< 0.53 U	1.4	3.6	1.4
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.66 UJ	< 0.34 U	< 0.34 U	< 0.34 U	NA	< 0.018 U	< 0.65 UJ	< 0.34 U	2.4	1
Benzo(K)Fluoranthene	0.002	µg/L	< 0.61 U	< 0.21 U	< 0.21 U	< 0.21 U	NA	< 0.012 U	< 0.61 U	0.69 J	1.8	0.38 J
Chrysene	0.002	µg/L	< 0.43 U	< 0.18 U	< 0.18 U	< 0.18 U	NA	< 0.013 U	< 0.43 U	2.2	5.7	1.5
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.72 UJ	< 0.33 U	< 0.33 U	< 0.33 U	NA	< 0.018 U	< 0.71 UJ	< 0.33 U	0.48 J	< 0.33 U
Fluoranthene	50	µg/L	< 0.47 U	< 0.17 U	< 0.17 U	< 0.17 U	NA	< 0.013 U	< 0.46 U	8.9	24.8	9.8
Fluorene	50	µg/L	< 0.52 U	< 0.17 U	< 0.17 U	< 0.17 U	NA	< 0.017 U	< 0.52 U	8.2	36	33.7
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.76 UJ	< 0.33 U	< 0.33 U	< 0.33 U	NA	< 0.018 U	< 0.75 UJ	0.77 J	2.1	0.62 J
Naphthalene	10	µg/L	< 0.58 U	< 0.23 U	< 0.23 U	< 0.23 U	NA	0.055 J	< 0.57 U	261	1640	876
Phenanthrene	50	µg/L	< 0.5 U	< 0.18 U	< 0.18 U	< 0.18 U	NA	< 0.016 U	< 0.49 U	11.7	41	28.2
Pyrene	50	µg/L	< 0.64 U	< 0.22 U	< 0.22 U	< 0.22 U	NA	< 0.014 U	< 0.63 U	10.2	31	13.4

(1) NYSDEC Class GA groundwater standards and guidance values (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).
µg/L = Microgram(s) per liter.
ng/L = Nanogram(s) per liter.
J = Concentration is estimated.
J+ = Concentration is estimated; biased high.
NA = Not analyzed.
NSL = No screening level
NYSDEC = New York State Department of Environmental Conservation.
SVOCs = Semivolatile organic compounds.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are shaded.
PZ-301 was not sampled in May or August 2023 due to access issues.

Table 3. Summary of Groundwater COC Concentrations and Exceedances (February 2024 and Historical)

		Location ID	MW-204S	MW-204S	MW-204S	MW-204S	MW-204S	MW-204D	MW-204D	MW-204D	MW-204D	MW-204D
		Sample Name	MW-204S	516008-MW-204S	516008-MW-204S	516008-MW-204S	516008-MW-204S	MW-204D	516008-MW-204D	516008-MW-204D	516008-MW-204D	516008-MW-204D
		Parent Sample ID										
		Sample Date	7/27/2022	5/30/2023	8/8/2023	10/30/2023	2/12/2024	7/27/2022	5/30/2023	8/8/2023	10/30/2023	2/12/2024
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
SVOCs (SW8270)												
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 0.033 U	NA	NA	NA	NA	< 0.034 U	NA	NA	NA	NA
2-Methylnaphthalene	NSL	µg/L	NA	5.9	NA	NA	NA	NA	13	NA	NA	NA
Acenaphthene	20	µg/L	1.9 J	3.7 J	7.7	3.9	4.5	9.3 J	8.8	10.3	15.5	11.7
Acenaphthylene	NSL	µg/L	1.2 J	17	34.7	17.7	23	53 J	38	43.8	64.3	48.6
Anthracene	50	µg/L	0.073 J	< 0.48 U	1.8	0.58 J	0.25 J	2.6 J	2.2 J	3	4.1	2.8 J
Benzo(A)Anthracene	0.002	µg/L	0.018 J	< 0.44 U	< 0.20 U	< 0.20 U	< 0.2 U	0.024 J	< 0.45 U	< 0.20 U	< 0.20 U	< 1 U
Benzo(A)Pyrene	NSL	µg/L	< 0.014 UJ	< 0.67 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.015 UJ	< 0.68 U	< 0.21 U	< 0.21 U	< 1.1 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.016 UJ	< 0.53 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.016 UJ	< 0.53 U	< 0.21 U	< 0.21 U	< 1 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.017 UJ	< 0.65 U	< 0.34 U	< 0.34 U	< 0.34 U	< 0.018 UJ	< 0.66 U	< 0.34 U	< 0.34 U	< 1.7 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.012 UJ	< 0.61 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.012 UJ	< 0.61 U	< 0.21 U	< 0.21 U	< 1 U
Chrysene	0.002	µg/L	0.017 J	< 0.43 U	< 0.18 U	< 0.18 U	< 0.18 U	0.023 J	< 0.43 U	< 0.18 U	< 0.18 U	< 0.88 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.018 UJ	< 0.71 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.018 UJ	< 0.72 U	< 0.33 U	< 0.33 U	< 1.7 U
Fluoranthene	50	µg/L	< 0.013 UJ	< 0.46 U	< 0.17 U	< 0.17 U	< 0.17 U	0.82 J	0.88 J	1.2	1.5	1.3 J
Fluorene	50	µg/L	2.4 J	3.3 J	10.7	4.4	4.4	12 J	13	15.4	19.5	15.8
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.018 UJ	< 0.75 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.018 UJ	< 0.76 U	< 0.33 U	< 0.33 U	< 1.7 U
Naphthalene	10	µg/L	< 0.026 UJ	200	202	162	159	280 J	190	225	727	279
Phenanthrene	50	µg/L	0.23 J	1.2 J	8.5	2	1.1	12 J	9.8	11.5	14.8	14.2
Pyrene	50	µg/L	< 0.014 UJ	< 0.63 U	< 0.22 U	< 0.22 U	< 0.22 U	0.74 J	0.90 J	0.86 J	1.3	1.1 J

(1) NYSDEC Class GA groundwater standards and guidance values (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).
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ng/L = Nanogram(s) per liter.
J = Concentration is estimated.
J+ = Concentration is estimated; biased high.
NA = Not analyzed.
NSL = No screening level
NYSDEC = New York State Department of Environmental Conservation.
SVOCs = Semivolatile organic compounds.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are shaded.
PZ-301 was not sampled in May or August 2023 due to access issues.

Table 3. Summary of Groundwater COC Concentrations and Exceedances (February 2024 and Historical)

		Location ID	MW-205S	MW-205S	MW-205S	MW-205S	MW-205S	MW-205S	MW-205S	MW-205D	MW-205D	MW-205D	MW-205D
		Sample Name	MW-205S	516008-MW-205S	516008-MW-205S	516008-FD-01-GW	516008-MW-205S	516008-FD-GW	516008-MW-205S	MW-205D	516008-MW-205D	516008-MW-205D	516008-MW-205D
		Parent Sample ID				516008-MW-205S		516008-MW-205S					
		Sample Date	7/27/2022	5/30/2023	8/8/2023	8/8/2023	10/30/2023	10/30/2023	2/12/2024	7/27/2022	5/30/2023	8/8/2023	10/30/2023
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
SVOCs (SW8270)													
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 0.032 U	NA	NA	NA	NA	NA	NA	< 0.032 U	NA	NA	NA
2-Methylnaphthalene	NSL	µg/L	NA	< 0.68 U	NA	NA	NA	NA	NA	NA	140	NA	NA
Acenaphthene	20	µg/L	2.6 J	1.3 J	0.53 J	0.99 J	< 0.19 U	< 0.19 U	< 0.19 U	29 J	27	33.4	29.9
Acenaphthylene	NSL	µg/L	5.6 J	< 0.56 U	0.28 J	0.32 J	< 0.14 U	< 0.14 U	< 0.14 U	110 J	150	162	163
Anthracene	50	µg/L	< 0.012 UJ	< 0.5 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	1.9 J	2.6 J	4.6	4
Benzo(A)Anthracene	0.002	µg/L	0.018 J	< 0.47 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.014 UJ	< 0.47 U	< 0.20 U	< 0.20 U
Benzo(A)Pyrene	NSL	µg/L	< 0.015 UJ	< 0.71 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	0.22 J	< 0.014 UJ	< 0.72 U	< 0.21 U	< 0.21 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.016 UJ	< 0.55 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	0.21 J	< 0.016 UJ	< 0.56 U	< 0.21 U	< 0.21 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.018 UJ	< 0.69 U	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	1.3	< 0.017 UJ	< 0.7 U	< 0.34 U	< 0.34 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.012 UJ	< 0.64 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.012 UJ	< 0.65 U	< 0.21 U	< 0.21 U
Chrysene	0.002	µg/L	0.017 J	< 0.45 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.013 UJ	< 0.46 U	< 0.18 U	< 0.18 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.018 UJ	< 0.75 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.018 UJ	< 0.76 U	< 0.33 U	< 0.33 U
Fluoranthene	50	µg/L	< 0.013 UJ	< 0.48 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	0.25 J	0.34 J	< 0.49 U	0.74 J	0.57 J
Fluorene	50	µg/L	1.6 J	0.62 J	< 0.17 U	0.20 J	< 0.17 U	< 0.17 U	0.18 J	24 J	26	33.9	30.4
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.018 UJ	< 0.79 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U	0.43 J	< 0.018 UJ	< 0.81 U	< 0.33 U	< 0.33 U
Naphthalene	10	µg/L	27 J	< 0.6 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	1400 J	2300	1950	2620
Phenanthrene	50	µg/L	0.33 J	< 0.52 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	0.24 J	19 J	25	32.4	32.5
Pyrene	50	µg/L	< 0.014 UJ	< 0.66 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	0.26 J	0.28 J	< 0.68 U	0.48 J	0.52 J

(1) NYSDEC Class GA groundwater standards and guidance values (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).
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ng/L = Nanogram(s) per liter.
J = Concentration is estimated.
J+ = Concentration is estimated; biased high.
NA = Not analyzed.
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PZ-301 was not sampled in May or August 2023 due to access issues.

Table 3. Summary of Groundwater COC Concentrations and Exceedances (February 2024 and Historical)

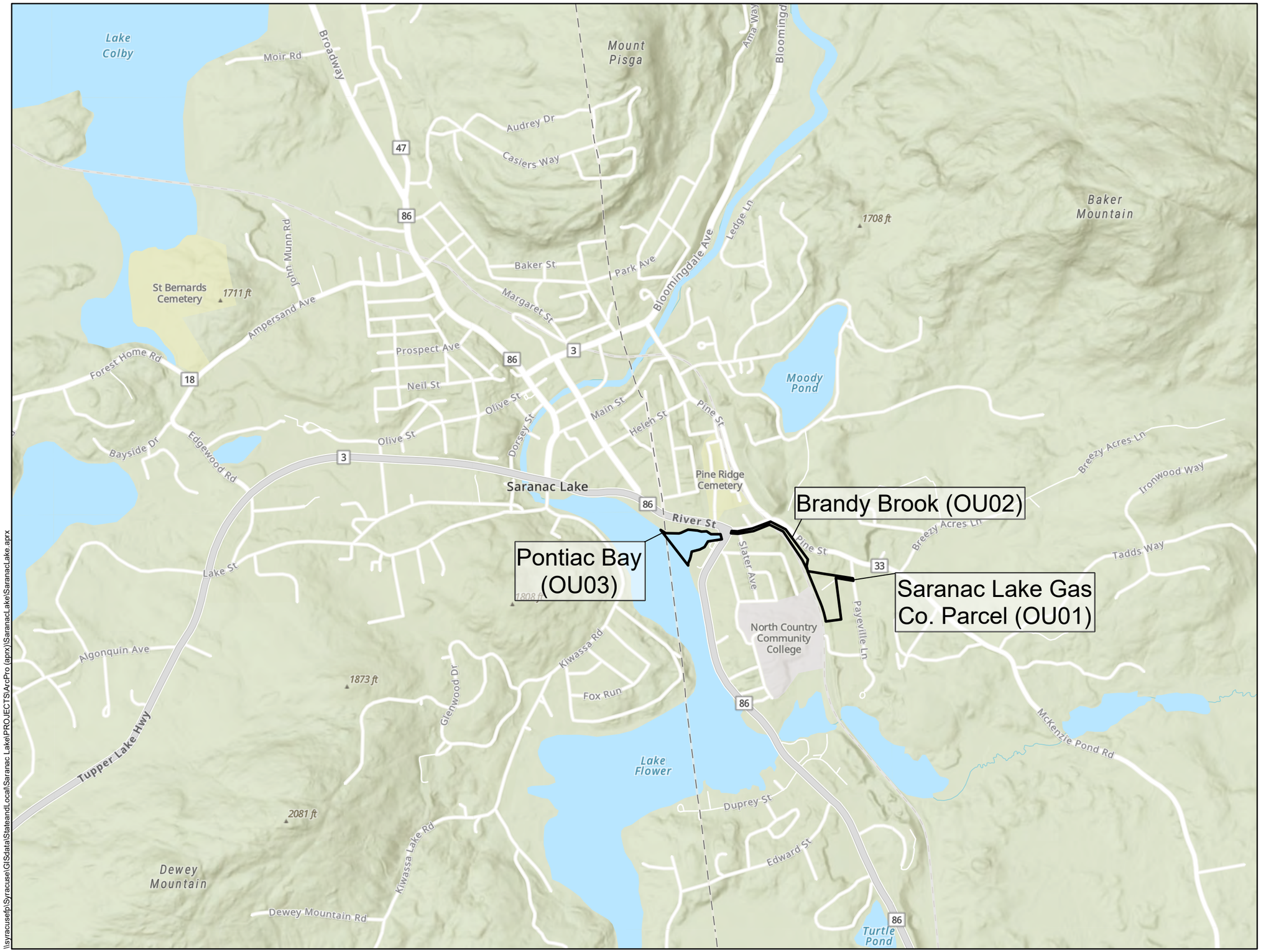
		Location ID	MW-205D	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301
		Sample Name	516008-MW-205D	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	516008-PZ-301	516008-PZ-301	516008-FD-GW
		Parent Sample ID												516008-PZ-301
		Sample Date	2/12/2024	7/21/2020	11/19/2020	2/24/2021	6/8/2021	10/20/2021	7/27/2022	5/31/2023	8/9/2023	10/30/2023	2/12/2024	2/12/2024
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
SVOCs (SW8270)														
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	< 0.033 U	NS	NS	NA	NA	NA
2-Methylnaphthalene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NA	NA
Acenaphthene	20	µg/L	22.7	< 0.014 U	< 0.41 U	< 0.014 U	< 0.014 U	0.043 J	0.075 J	NS	NS	< 0.19 U	< 0.19 U	< 0.19 U
Acenaphthylene	NSL	µg/L	178	< 0.015 U	< 0.38 U	< 0.015 U	< 0.015 U	0.053	< 0.016 UJ	NS	NS	< 0.14 U	< 0.14 U	< 0.14 U
Anthracene	50	µg/L	3.2	< 0.0092 U	< 0.28 U	< 0.025 U	< 0.025 U	< 0.025 U	< 0.013 UJ	NS	NS	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(A)Anthracene	0.002	µg/L	< 0.2 U	< 0.016 U	< 0.36 U	< 0.016 U	< 0.016 U	< 0.016 U	< 0.015 UJ	NS	NS	< 0.20 U	0.25 J	< 0.2 U
Benzo(A)Pyrene	NSL	µg/L	< 0.21 U	< 0.022 U	< 0.47 U	< 0.022 U	< 0.022 U	< 0.022 U	< 0.016 UJ	NS	NS	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.21 U	< 0.024 U	< 0.34 U	< 0.024 U	< 0.024 U	< 0.024 U	< 0.017 UJ	NS	NS	< 0.21 U	0.21 J	< 0.21 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.34 U	< 0.035 U	< 0.35 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.019 UJ	NS	NS	< 0.34 U	< 0.34 U	< 0.34 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.21 U	< 0.028 U	< 0.73 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.013 UJ	NS	NS	< 0.21 U	< 0.21 U	< 0.21 U
Chrysene	0.002	µg/L	< 0.18 U	< 0.030 U	< 0.33 U	< 0.030 U	< 0.030 U	< 0.030 U	< 0.014 UJ	NS	NS	< 0.18 U	< 0.18 U	< 0.18 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.33 U	< 0.020 U	< 0.42 U	< 0.020 U	< 0.020 U	< 0.020 U	< 0.02 UJ	NS	NS	< 0.33 U	< 0.33 U	< 0.33 U
Fluoranthene	50	µg/L	0.58 J	< 0.039 U	< 0.4 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.014 UJ	NS	NS	< 0.17 U	< 0.17 U	< 0.17 U
Fluorene	50	µg/L	25.8	< 0.012 U	< 0.36 U	< 0.012 U	< 0.012 U	0.023 J	0.032 J	NS	NS	< 0.17 U	< 0.17 U	< 0.17 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.33 U	< 0.036 U	< 0.47 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.019 UJ	NS	NS	< 0.33 U	< 0.33 U	< 0.33 U
Naphthalene	10	µg/L	2260	< 0.12 U	0.82 J	< 0.12 U	< 0.12 U	0.68	< 0.028 UJ	NS	NS	< 0.23 U	< 0.23 U	< 0.23 U
Phenanthrene	50	µg/L	27.2	0.024 J	< 0.44 U	< 0.022 U	< 0.022 U	0.088	< 0.017 UJ	NS	NS	< 0.18 U	< 0.18 U	< 0.18 U
Pyrene	50	µg/L	0.59 J	< 0.031 U	< 0.34 U	< 0.031 U	< 0.031 U	< 0.031 U	< 0.015 UJ	NS	NS	< 0.22 U	< 0.22 U	< 0.22 U

(1) NYSDEC Class GA groundwater standards and guidance values (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).

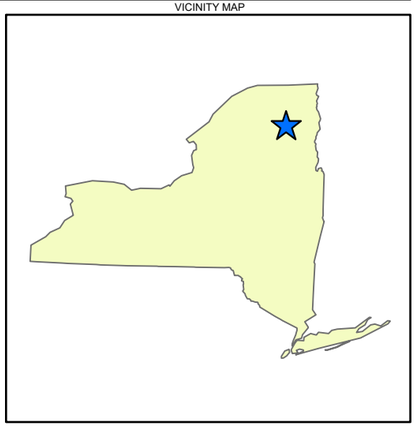
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Figures



VICINITY MAP



Legend

- Site Location
- Operable Units (OUs)

N

0 500 1,000

Feet

Map Date: 10/5/2023
Projection: NAD 1983 State Plane New York East
Source: WSP; ESRI

NEW YORK STATE | Department of Environmental Conservation

Figure 1
Site Vicinity Map
Saranac Lake Gas Co., Inc.
(NYSDEC Site No. 516008)
Saranac Lake, New York

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PZ-PV2
MW-106R
MW-108R
MW-110R
PZ-PV1
MW-204S
MW-204D
MW-205D
MW-205S



Legend

- Saranac Lake Gas Co. Parcel (OU01)
- Site Location
- Groundwater Sampling Location
- Gauged Only

N

0 50 100
Feet

Figure 2a
OU01 Long-Term Monitoring Sampling Locations
Saranac Lake Gas Co., Inc.
(NYSDEC Site No. 516008)
Saranac Lake, New York

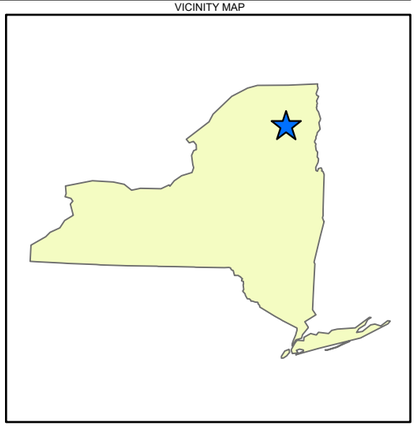
NEW YORK STATE Department of Environmental Conservation

Map Date: 6/10/2024
Projection: NAD 1983 State Plane New York East
Source: WSP; ESRI

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VICINITY MAP



Legend

- Saranac Lake Gas Co. Parcel (OU01)
- Brandy Brook (OU02)
- Lake Flower (OU03)
- Groundwater Sampling Location
- Not Sampled
- Site Location

N

0 100 200

Feet

Note:
Sediment samples were not collected during Q4 2023.

Map Date: 4/1/2024
Projection: NAD 1983 State Plane New York East
Source: WSP; ESRI

NEW YORK STATE Department of Environmental Conservation

Figure 2b
OU02 and OU03 Long-Term Monitoring Sampling Locations
February 2024
Saranac Lake Gas Co., Inc.
(NYSDEC Site No. 516008)
Saranac Lake, New York

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PZ-301
1538.61

MW-104
1538.39

PZ-PV2
A
1541.84

MW-106R
1535.81

1540

1538

MW-108R
1533.91

MW-110R
1531.21

1536

PZ-PV1
A
1535.68

1532

MW-204S
1533.12

MW-204D*

1534

MW-205D*

MW-205S
1533.16

Legend

- Groundwater Contours
- Groundwater Flow Direction
- Saranac Lake Gas Co. Parcel (OU01)
- Groundwater Sampling Location
- A Gauged Only
- Site Location

0 100 200
Feet

Figure 3
Groundwater Elevation Contours
February 2024
Saranac Lake Gas Co., Inc.
(NYSDEC Site No. 516008)
Saranac Lake, New York

NEW YORK STATE Department of Environmental Conservation

Map Date: 7/15/2024
Projection: NAD 1983 State Plane New York East
Source: WSP; ESRI

Notes:
Groundwater elevations presented in feet.
*Groundwater elevations omitted for MW-204D and MW-205D.

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PZ-301	
Analyte	Feb-24
Benzo(a)anthracene	0.25 J
Benzo(b)fluoranthene	0.21 J

MW-106R	
Analyte	Feb-24
Acenaphthene	25.8
Acenaphthylene	24.6
Anthracene	3.1
Benzo(a)anthracene	0.25 J
Fluoranthene	1.9
Fluorene	13.8
Naphthalene	281
Phenanthrene	17.4
Pyrene	2.2

New York State AWQS (February 2024)	
Analyte	Standard (µg/L)
Acenaphthene	20
Acenaphthylene	NSL
Anthracene	50
Benzo(a)anthracene	0.002
Benzo(a)pyrene	NSL
Benzo(b)fluoranthene	0.002
Benzo(g,h,i)perylene	NSL
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Fluoranthene	50
Fluorene	50
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Phenanthrene	50
Pyrene	50

MW-104	
Analyte	Feb-24
Acenaphthene	85.6
Acenaphthylene	91.2
Anthracene	10
Benzo(a)anthracene	0.27 J
Fluoranthene	3.6
Fluorene	39.1
Naphthalene	573
Phenanthrene	55.5
Pyrene	5.1

MW-110R	
Analyte	Feb-24
Acenaphthene	51
Acenaphthylene	91.7
Anthracene	11.1
Benzo(a)anthracene	1.8
Benzo(a)pyrene	1.5
Benzo(b)fluoranthene	1.4
Benzo(g,h,i)perylene	1
Benzo(k)fluoranthene	0.38 J
Chrysene	1.5
Fluoranthene	9.8
Fluorene	33.7
Indeno(1,2,3-cd)pyrene	0.62 J
Naphthalene	876
Phenanthrene	28.2
Pyrene	13.4

MW-204S	
Analyte	Feb-24
Acenaphthene	4.5
Acenaphthylene	23
Anthracene	0.25 J
Fluorene	4.4
Naphthalene	159
Phenanthrene	1.1

MW-108R

MW-204D	
Analyte	Feb-24
Acenaphthene	11.7
Acenaphthylene	48.6
Anthracene	2.8 J
Fluoranthene	1.3 J
Fluorene	15.8
Naphthalene	279
Phenanthrene	14.2
Pyrene	1.1 J

MW-205D	
Analyte	Feb-24
Acenaphthene	22.7
Acenaphthylene	178
Anthracene	3.2
Fluoranthene	0.58 J
Fluorene	25.8
Naphthalene	2260
Phenanthrene	27.2
Pyrene	0.59 J

MW-205S	
Analyte	Feb-24
Benzo(a)pyrene	0.22 J
Benzo(b)fluoranthene	0.21 J
Benzo(g,h,i)perylene	1.3
Fluoranthene	0.25 J
Fluorene	0.18 J
Ideno(1,2,3-c,d)pyrene	0.43 J
Phenanthrene	0.24 J
Pyrene	0.26 J



Legend

- Saranac Lake Gas Co. Parcel (OU01)
- Groundwater Sampling Location
- Site Location

N

0 50 100

Feet

Figure 4
Groundwater Analytical Results
PAH Detections
Saranac Lake Gas Co., Inc.
(NYSDEC Site No. 516008)
Saranac Lake, New York

NEW YORK STATE Department of Environmental Conservation

Map Date: 7/15/2024
Projection: NAD 1983 State Plane New York East
Source: WSP; ESRI

Note:
Values in red indicate exceedances of AWQS Standards.
NSL = No screening level available

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Appendix A

Daily Field Reports

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J. Stefansky
Engineer PM – J. Oliver
Engineer Insp. – K. Cassidy

Site Location: Payeville Lane, Saranac Lake, New York 12983

Weather Conditions

General Description	Overcast	AM	Overcast	PM
Temperature	28 F	AM	29 F	PM
Wind	SW 5	AM	SW 6	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Use caution to avoid slips, trips, and falls in icy conditions.

Summary of Work Performed	Arrived at site:	1015	Departed Site:	1615

EA (K. Cassidy, M. Gilkey, C. Derrick) arrived onsite (1015). Calibrated Horibas and PID meter (1015). Began gauging wells (1030). Began purging MW-205S (1203). Began purging PZ-301 (1212). Sampled at MW-205S (1224). Sampled at PZ-301 (+ field duplicate) (1239). Began purging at MW-205D (1243). Sampled at MW-205D (+ MS/MSD) (1307). Began purging at MW-204S (1350). Begin purging at MW-104 (1357). Sampled at MW-204S (1417). Began purging at MW-204D (1434). Sampled at MW-104 (1439). Sampled at MW-204D (1513). Began purging at MW-106R (1524). Sampled at MW-106R (1553). EA offsite (1615).

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No X	NA
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katie Cassidy	EA	Scientist	6
Moriah Gilkey	EA	Engineer	6
Cassie Derrick	EA	Geologist	6

Equipment Description	Contractor/Vendor	Quantity	Used
Horiba U52	Pine Environmental	2	2
Peristaltic Pump	Pine Environmental	2	2
MiniRae PID meter	Pine Environmental	1	1
Heron Water Level Meter	Pine Environmental	2	2
Solinist Oil/Water Indicator	Pine Environmental	1	1

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
N/A		**Yes**	**No**

Site Representatives

Name	Representing
None	

Project Schedule Comments
None.
Issues Pending
• None
Interaction with Public, Property Owners, Media, etc.
None

Site Photographs (Descriptions Below)



PZ-301



MW-204S and MW-204D with setup



PZ-PV2



PZ-PV1

WELL MONITORING TABLE:

Well ID	DTW	DTB	Notes
MW-104	6.46	18.78	
MW-106R	5.58	19.36	Gas odor
MW-108R	13.82	21.75	
MW-110R	12.52	21.18	Gas odor, no product detected by oil/water indicator
MW-204S	13.17	28.17	
MW-204D	13.52	31.26	
MW-205S	12.08	19.55	Gas odor
MW-205D	12.10	33.15	Gas odor
PZ-301	5.69	14.95	
PZ-PV1	10.92	14.41	
PZ-PV2	5.96	17.44	

Site Inspector(s): Katie Cassidy

Date: 02/12/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments: N/A			

* BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT
(Saranac Lake), Site No. 516008

Date: 02/13/2024

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J. Stefansky
Engineer PM – J. Oliver
Engineer Insp. – K. Cassidy

Site Location: Payeville Lane, Saranac Lake, New York 12983

Weather Conditions

General Description	Partly cloudy	AM	N/A	PM
Temperature	26 F	AM	N/A	PM
Wind	NE 6	AM	SW 6	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Use caution to avoid slips, trips, and falls in icy conditions.

Summary of Work Performed	Arrived at site:	0900	Departed Site:	1145

EA (K. Cassidy, M. Gilkey, C. Derrick) arrived onsite (0900). Calibrated Horibas (0915). Began purging at MW-108R (0935). Began purging at MW-110R (0939). Began quarterly site inspection (0945). Sampled at MW-108R (1002). Completed site inspection and installed new combination locks to site entrance gate and MW-110R (site entrance gate lock was broken, well lock was stuck shut) (1015). Sampled at MW-110R (1115). EA offsite (1145).

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No X	NA
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katie Cassidy	EA	Scientist	2.75
Moriah Gilkey	EA	Engineer	2.75
Cassie Derrick	EA	Geologist	2.75

Equipment Description	Contractor/Vendor	Quantity	Used
Horiba U52	Pine Environmental	2	2
Peristaltic Pump	Pine Environmental	2	2
MiniRae PID meter	Pine Environmental	1	0
Heron Water Level Meter	Pine Environmental	2	2
Solinist Oil/Water Indicator	Pine Environmental	1	0

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
N/A		**Yes**	**No**

Site Representatives

Name	Representing
None	

Project Schedule Comments
None.
Issues Pending
• None
Interaction with Public, Property Owners, Media, etc.
None

Site Photographs (Descriptions Below)



MW-110R



MW-108R



OU01 – planted trees



OU01 – Brandy Brook



OU01 – Brandy Brook



OU02 – Brandy Brook



OU02 – Brandy Brook



OU02 – New Rail Trail gate installed



OU03 – Pontiac Bay



Site perimeter gate – new combination lock

WELL MONITORING TABLE:

Well ID	DTW	DTB	Notes
MW-104	6.46	18.78	
MW-106R	5.58	19.36	Gas odor
MW-108R	13.82	21.75	
MW-110R	12.52	21.18	Gas odor, no product detected by oil/water indicator
MW-204S	13.17	28.17	
MW-204D	13.52	31.26	
MW-205S	12.08	19.55	Gas odor
MW-205D	12.10	33.15	Gas odor
PZ-301	5.69	14.95	
PZ-PV1	10.92	14.41	
PZ-PV2	5.96	17.44	

Site Inspector(s): Katie Cassidy

Date: 02/13/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments: N/A			

* BART – Best Available Retrofit Technology

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Appendix B

Field Forms

FIELD CALIBRATION FORM

DEC Site #516008

Site Name: Saranac Lake Gas Co.

INSTRUMENT: Mini Rae 3000	INSTRUMENT ID No: 43989
OPERATOR: K. Cassidy	WEATHER:
SPAN GAS TYPE: Isobutylene	DATE: 2/12/2024
CALIBRATION NOTES:	
Zero cal = 0.0 ppm	
Span cal = 160 ppm	
COMMENTS:	
SIGNATURE: K Cassidy	DATE: 2/12/2024

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 2/12/24
TIME: 1015
METER ID: 49558

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	5.79	4.12

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.41	4.56

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	11.8	2.2

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pII, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 2/12/2024
TIME: 1036
METER ID: 21293

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.96	3.95

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.99	4.50

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	4.1	0.3

COMMENTS

None

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 2/13/2024
TIME: 0915
METER ID: 21293

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	3.96	3.88

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.03	4.86

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	5.5	0.0

COMMENTS

None.

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pII, CONDUCTIVITY, AND TURBIDITY

CALIBRATION	
DATE:	2/13/24
TIME:	0915
METER ID:	49558

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	6.40	3.95

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.67	4.78

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.0	0.0

COMMENTS

SIGNATURE

GW

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

Page 1 of 1

L

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: JH82517

Client / Reporting Information

Company Name: EA Engineering
Street Address: 2269 W Jefferson St
City: Syracuse State: NY Zip: 13202
Project Contact: Josh Oliver E-mail: joliver@eaest.com
Phone #: (315) 479-4856
Sampler(s) Name(s): K. Cassidy Phone #: (315) 234-1852

Project Information

Project Name: Saranac Lake Gas Co.
Street: Bayerville Ln
City: Saranac Lake State: NY
Project #: 516008 (DEC) 116025340012 (EA)
Client Purchase Order #: EAENYES96872
Project Manager: Josh Oliver

Billing Information (if different from Report to)

Company Name: EA Engineering
Street Address: 25 Western Ave
City: Marlboro State: NY Zip: 12542
Attention: Melanie Dina mdina@eaest.com

*PAH 8270

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	Number of Bottles: HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)
1	516008-MW-205S		2/12/24	1224	KE	G	N	GW	2					X				X
2	516008-PZ-301		2/12/24	1239	KE	G	N	GW	2					X				X
3	516008-MW-205D		2/12/24	1307	KE	G	N	GW	6					X				X
4	516008-MW-204S		2/12/24	1417	KE	G	N	GW	2					X				X
5	516008-MW-104		2/12/24	1439	KE	G	N	GW	2					X				X
6	516008-MW-204D		2/12/24	1513	KE	G	N	GW	2					X				X
7	516008-MW-106R		2/12/24	1553	KE	G	N	GW	2					X				X
8	516008-FD-GW		2/12/24	—	KE	G	N	GW	2					X				X
9	516008-MW-108R		2/13/24	1002	KE	G	N	GW	2					X				X
10	516008-MW-110R		2/13/24	1115	KE	G	N	GW	2					X				X

LAB USE ONLY: F59

Initial Assessment SY IB
Label Verification

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [X] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via SGS Engage

* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [X] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [X] EDD Format NYSDEC Equis EDD

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

* full PAH list, Method 8270, NO STHL
* Extra volume for MS/MSD for 516008-MW-205D
* "FD" = field duplicate

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by: 1	Date / Time: 2/14/24 1130	Received By: 1 Fedex	Relinquished By: 2 Fedex	Date / Time: 2/15/24 10:00	Received By: 2
Relinquished by: 3	Date / Time:	Received By: 3	Relinquished By: 4	Date / Time:	Received By: 4
Relinquished by: 5	Date / Time:	Received By: 5	Custody Seal # ☐ Intact ☐ Not intact ☐ Absent	Therm ID: See Sample Receipt Summary	On Ice ☐ Cooler Temp: °C 3.7°C

IR 40

SGS Sample Receipt Summary

Job Number: jd82517 **Client:** EA ENGINEERING **Project:** SARANAC LAKE GAS CO.

Date / Time Received: 2/15/2024 10:00:00 AM **Delivery Method:** FED EX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.7);

Cooler Temps (Corrected) °C: Cooler 1: (4.0);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-40		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

-1 1 of 2 950mL np rec'd broken. 1 remains for analysis.

-3 1 of 6 950mL np rec'd broken. 5 remain for analysis.

Responded to by: Kelly Ramos

Response Date: 2/19/2024

Please proceed with limited volume

Well ID	Date	Time	PID (ppb)	DTW (ft bgs)	DTB (ft bgs)	Well Diameter (in)	Comments
MW-104	2/12/2024	1045	0	6.46	18.78	1	
MW-106R	2/12/2024	1045	0	5.58	19.36	1	Fuel odor; hard bottom
MW-108R	2/12/2024	1045	0.2	10.61	21.75	1	
MW-110R	2/12/2024	1045	0.2	12.52	21.18	1	Fuel odor; oil/water indicator did not detect NAPL
MW-204S	2/12/2024	1045	0.3	13.17	28.17	1	
MW-204D	2/12/2024	1045	0.3	13.52	31.26	1	
MW-205S	2/12/2024	1045	0.3	12.08	19.55	1	
MW-205D	2/12/2024	1045	0.3	12.1	33.15	1	
PZ-301	2/12/2024	1045	0	5.69	14.95	1	
PZ-PV1	2/12/2024	1045	0	10.92	14.41	1	
PZ-PV2	2/12/2024	1045	0	5.96	17.44	1	

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co., Inc.	Project No: 516008	Page 1 of 1
Well ID PZ-301	Date 2/12/2024	Time 1212
Well Site Description		
Weather/Temp 29°F, cloudy		
Field Technician K. Cassidy, C. Derrick		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 1544.3	Screened Interval (ft bgs)
Well Diameter (in.) 1	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 14.95	Gallons per foot of depth 0.041
Depth to product (ft) —	Static water level (ft) 5.69
Product column height (ft) —	Water column height (ft) 9.26
Product volume (Gallons) —	Water volume (Gallons) 0.38

PURGE INFORMATION

Pump Type / ID peristaltic pump		Water Quality Meter Type / ID Horiba 21293
Pump Intake Depth (ft) mid-screen		Flow-Thru Cell Volume (L)
Purge Start Time 1212		Appearance/Odor (Start) clear/odorless
Purge End Time 1239		Appearance/Odor (End) clear/odorless
Average Purge Rate (mL/min) 0.25		Total Drawdown (ft) —
Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) 6.75		Total Pump Time (min) 27

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/12/24	1212	0.25	—	4.63	0.057	3.74	190	86.5	4.03	—
	1215		0.75	4.39	0.040	3.37	184	9.8	3.24	
	1218		1.50	4.30	0.034	3.15	179	0.0	2.62	
	1221		2.25	4.26	0.033	3.07	178	0.0	2.49	
	1224		3.00	4.21	0.030	3.11	180	0.0	2.32	
	1227		3.75	4.20	0.030	3.09	180	0.0	2.31	
	1230		4.50	4.19	0.030	3.10	180	0.0	2.29	
	1233		5.25	4.19	0.029	3.03	180	0.0	2.27	
	1236		6.00	4.18	0.029	3.05	177	0.0	2.23	
	1239		6.75	4.20	0.029	3.09	175	0.0	2.21	
				SAMPLE						

COMMENTS *DTW not taken due to WLM not being able to fit down well simultaneously with tubing

SAMPLE COLLECTION

Sample Date 2/12/2024	Sample Time 1239
Sample ID 516008-PZ-301	
QA/QC Collected / ID DUP: 516008-FD-GW	Sample Appearance/Odor clear/odorless
Analyses PAHs	
Sampler K. Cassidy, C. Derrick	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co	Project No: 516008	Page 1 of 2
Well ID MW-104	Date 2/1	Time 1357
Well Site Description Woods near site		
Weather/Temp 30°F ; cloudy		
Field Technician M. Gulkey / K. Cassidy / C. Derrick		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 1544.82	Screened Interval (ft bgs) 10 - 20
Well Diameter (in.) 1" PVC	Nominal Borehole Diameter (in.) ———

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 18.78	Gallons per foot of depth 0.0408
Depth to product (ft) NA	Static water level (ft) 6.46
Product column height (ft) NA	Water column height (ft) 12.32
Product volume (Gallons) NA	Water volume (Gallons) 0.502

PURGE INFORMATION

Pump Type / ID Peristaltic		Water Quality Meter Type / ID Horiba U-52
Pump Intake Depth (ft) ~15ft bTOC		Flow-Thru Cell Volume (L) 1L
Purge Start Time 1357		Appearance/Odor (Start) Gasoline Smell
Purge End Time 1439		Appearance/Odor (End) Gasoline Smell
Average Purge Rate (mL/min) ~~275~~ 250		Total Drawdown (ft) NA
Well Went Dry (Y/N) N	Stop Time 1439	Volume removed (L) 10.5
Recovery Time NA	Recovery Rate (mL/min) NA	Restart Purge Time NA
Total Volume Removed (L) 10.5		Total Pump Time (min) 42

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/12	1357	0.25	0	6.55	0.141	4.97	-120	9.7	3.35	*
	1400		0.75	6.70	0.134	5.01	-123	6.4	1.23	
	1403		1.5	6.74	0.123	5.09	-127	3.0	0.75	
	1406		2.25	6.74	0.119	5.08	-128	0.0	0.71	
	1409		3.0	6.75	0.116	5.07	-129	0.0	0.52	
	1412		3.75	6.73	0.116	5.12	-133	0.0	0.37	
	1415		4.5	6.72	0.116	5.20	-135	0.0	0.23	
	1418		5.25	6.72	0.116	5.22	-137	0.0	0.19	
	1421		6.0	6.73	0.116	5.24	-138	0.0	0.14	
	1424		6.75	6.75	0.116	5.27	-139	0.0	0.04	
	1427		7.50	6.74	0.116	5.27	-140	0.0	0.01	

COMMENTS * Water level not recorded due to WLM & well diameter size not being compatible

SAMPLE COLLECTION

Sample Date 2/12/24	Sample Time 1439
Sample ID 516008-MW-104	
QA/QC Collected / ID ———	Sample Appearance/Odor Gasoline smell
Analyses PAH-8270	
Sampler M Gulkey / K. Cassidy	Signature

0620
1089

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co.	Project No: 516008	Page 2 of 2
Well ID MW-104	Date 2/12/24	Time
Well Site Description Woods		
Weather/Temp	see page 1	
Field Technician		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) see page 1	Screened Interval (ft bgs) see page 1
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	Gallons per foot of depth
Depth to product (ft) see page 1	Static water level (ft)
Product column height (ft)	Water column height (ft) see page 1
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID		Water Quality Meter Type / ID
Pump Intake Depth (ft) see page 1		Flow-Thru Cell Volume (L)
Purge Start Time		Appearance/Odor (Start)
Purge End Time		Appearance/Odor (End) see page 1
Average Purge Rate (mL/min)		Total Drawdown (ft)
Well Went Dry (Y/N)	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)		Total Pump Time (min)

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/12	1430	0.25	8.25	6.76	0.117	5.29	-141	0.0	0.06	* |
|	1433	|	9.0	6.75	0.117	5.31	-143	0.0	0.00	|
|	1436	|	9.75	6.75	0.118	5.34	-144	0.0	0.0	|
|	1439	|	10.5	6.77	0.118	5.34	-144	0.0	0.0	|

COMMENTS See page 1

SAMPLE COLLECTION

Sample Date 2/12/24	Sample Time 1439
Sample ID	
QA/QC Collected / ID	Sample Appearance/Odor
Analyses	
Sampler	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co	Project No: 516008	Page 1 of 1
Well ID MW-106R	Date 2/12/24	Time 1524
Well Site Description In wetland		
Weather/Temp 30°F; snow; 7mph WNW		
Field Technician M. Gilkey / K. Cassidy / C. Derrick		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	1546.8	Screened Interval (ft bgs)	
Well Diameter (in.)	1" PVC	Nominal Borehole Diameter (in.)	———

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	9.36	Gallons per foot of depth	0.0408
Depth to product (ft)	NA	Static water level (ft)	5.58
Product column height (ft)	NA	Water column height (ft)	3.78
Product volume (Gallons)	NA	Water volume (Gallons)	.154

PURGE INFORMATION

Pump Type / ID	Peristaltic Pump	Water Quality Meter Type / ID	Horiba U-52
Pump Intake Depth (ft)	~ 8ft bTOC	Flow-Thru Cell Volume (L)	1L
Purge Start Time	1524	Appearance/Odor (Start)	Gasoline / clear
Purge End Time	1553	Appearance/Odor (End)	Gasoline / Clear
Average Purge Rate (mL/min)	250	Total Drawdown (ft)	NA
Well Went Dry (Y/N)	N	Stop Time 1553	Volume removed (L) 7.50
Recovery Time	NA	Recovery Rate (mL/min) NA	Restart Purge Time NA
Total Volume Removed (L)	7.50	Total Pump Time (min)	29

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/12	1524	0.25	0	8.74	0.764	3.37	-403	29.2	6.32	*
	1527		0.75	8.60	0.754	3.47	-442	14.0	0.51	
	1530		1.5	8.72	0.743	3.45	-469	9.1	0.0	
	1533		2.25	8.66	0.732	3.48	-493	6.0	0.0	
	1536		3.0	8.52	0.728	3.50	-514	1.8	0.6	
	1539		3.75	8.45	0.724	3.51	-525	0.0	0.0	
	1542		4.50	8.50	0.712	3.52	-533	0.0	0.0	
	1545		5.25	8.48	0.708	3.52	-536	0.0	0.0	
	1547		6.0	8.46	0.705	3.53	-537	0.0	0.0	
	1550		6.75	8.47	0.693	3.52	-549	0.0	0.0	
	1553		7.50	8.41	0.690	3.52	-547	0.0	0.0	

COMMENTS * Well diameter (1") does not allow WLM & tubing down well @ same time - well does not historically go dry

SAMPLE COLLECTION

Sample Date	2/12/24	Sample Time	1553
Sample ID	516008-MW-106R		
QA/QC Collected / ID	———	Sample Appearance/Odor	Gasoline / Clear
Analyses	PAHs - 8270 SIM		
Sampler	M. Gilkey / K. Cassidy	Signature	M. Gilkey

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co	Project No: 516008	Page 1 of 1
Well ID MW-108R	Date 2/13/24	Time 0935
Well Site Description fence line		
Weather/Temp 24°F; Partly Cloudy; 5mph NE		
Field Technician M. Gilkey / K. Cassidy / C. Derrick		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 1547.2	Screened Interval (ft bgs) 11 - 21
Well Diameter (in.) 1" PVC	Nominal Borehole Diameter (in.) ———

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 21.75	Gallons per foot of depth 0.0408
Depth to product (ft) NA	Static water level (ft) 13.82
Product column height (ft) NA	Water column height (ft) 7.93
Product volume (Gallons) NA	Water volume (Gallons) 0.323

PURGE INFORMATION

Pump Type / ID Perristaltic Pump 51841	Water Quality Meter Type / ID Horiba U-52
Pump Intake Depth (ft) ~ 16 ft btoc	Flow-Thru Cell Volume (L) 1 L
Purge Start Time 0935	Appearance/Odor (Start) Gas / Brown
Purge End Time 1002	Appearance/Odor (End) Gasoline smell
Average Purge Rate (mL/min) ~~0.~~ 300	Total Drawdown (ft) NA

Well Went Dry (Y/N) No	Stop Time 1002	Volume removed (L) 8.1
Recovery Time NA	Recovery Rate (mL/min) NA	Restart Purge Time NA
Total Volume Removed (L) 8.1		Total Pump Time (min) 27

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/13	0935	0.3	0	4.92	0.268	4.33	159	197	6.33	*
	0938		0.9	5.26	0.250	5.28	134	106	5.00	
	0941		1.8	5.48	0.226	5.65	120	39.1	4.82	
	0944		2.7	5.55	0.204	6.03	112	6.7	4.71	
	0947		3.6	5.54	0.199	6.17	106	0.0	4.58	
	0950		4.5	5.56	0.196	6.36	101	0.0	4.46	
	0953		5.4	5.60	0.196	6.39	99	0.0	4.39	
	0956		~~6~~ 6.3	5.61	0.195	6.44	97	0.0	4.31	
	0959		7.2	5.63	0.195	6.47	92	0.0	4.26	
	1002		8.1	5.63	0.195	6.49	96	0.0	4.19	

COMMENTS * Well diameter (1") does not allow tubing & solonist WLM down well @ same time - well has history of going dry

SAMPLE COLLECTION

Sample Date 2/13/24	Sample Time 1002
Sample ID 516008-MW-108	
QA/QC Collected / ID ———	Sample Appearance/Odor Gasoline / Cloudy - Brown
Analyses PAH - 8270SIM	
Sampler M. Gilkey / K. Cassidy	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co., Inc.	Project No: 516008	Page 1 of 3
Well ID MW-110R	Date 2/13/2024	Time 0939
Well Site Description		
Weather/Temp 26°F, mostly cloudy		
Field Technician C. Demick, K. Cassidy		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 1547.3	Screened Interval (ft bgs)
Well Diameter (in.) 1	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 21.18	Gallons per foot of depth 0.041
Depth to product (ft) —	Static water level (ft) 12.52
Product column height (ft) —	Water column height (ft) 8.66
Product volume (Gallons) —	Water volume (Gallons) 0.36

PURGE INFORMATION

Pump Type / ID peristaltic pump		Water Quality Meter Type / ID Horiba 21293
Pump Intake Depth (ft) mid-screen		Flow-Thru Cell Volume (L)
Purge Start Time 0939		Appearance/Odor (Start) yellow/brown; gas odor
Purge End Time 1115		Appearance/Odor (End) yellow/brown; gas odor
Average Purge Rate (mL/min) 0.25		Total Drawdown (ft) —
Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) 24.00		Total Pump Time (min) 90-96

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	* Depth to Water (ft below TOC)
2/13/24	0939	0.25	—	9.32	2.56	6.96	-398	742	0.54	—
	0942		0.75	9.88	2.72	7.51	-433	522	0.43	
	0945		1.50	10.01	2.77	7.54	-453	310	0.39	
	0948		2.25	10.03	2.77	7.63	-461	250	0.37	
	0951		3.00	10.05	2.74	8.08	-472	176	0.34	
	0954		3.75	10.06	2.72	8.26	-480	135	0.32	
	0957		4.50	10.06	2.70	8.30	-484	147	0.32	
	1000		5.25	10.05	2.63	8.42	-494	192	0.31	
	1003		6.00	10.03	2.57	8.50	-500	207	0.30	
	1006		6.75	10.02	2.52	8.27	-506	200	0.29	
	1009		7.50	10.02	2.48	8.27	-510	191	0.29	

COMMENTS *DTW not taken due to level not being able to fit down well simultaneously with tubing.

SAMPLE COLLECTION

Sample Date 2/13/2024	Sample Time 1115
Sample ID 516008-MW-110R	
QA/QC Collected / ID none	Sample Appearance/Odor yellow/brown; gas odor
Analyses PAHs	
Sampler C. Demick, K. Cassidy	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Saranac Lake Gas Co., Inc.	Project No: 516008	Page 2 of 3
Well ID	MW-110R	Date 2/13/2024	Time 0939
Well Site Description			
Weather/Temp	refer to page 1		
Field Technician			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	Gallons per foot of depth
Depth to product (ft)	Static water level (ft)
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID		Water Quality Meter Type / ID
Pump Intake Depth (ft)		Flow-Thru Cell Volume (L)
Purge Start Time		Appearance/Odor (Start)
Purge End Time		Appearance/Odor (End)
Average Purge Rate (mL/min)		Total Drawdown (ft)
Well Went Dry (Y/N)	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)		Total Pump Time (min)

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/13/24	1012	0.25	8.25	10.03	2.45	8.24	-514	196	0.28	
	1015		9.00	10.07	2.46	8.26	-517	148	0.27	
	1018		9.75	10.16	2.56	8.20	-523	110	0.27	
	1021		10.50	10.17	2.49	8.27	-524	90.2	0.27	
	1024		11.25	10.16	2.48	8.27	-525	85.7	0.27	
	1027		12.00	10.17	2.50	8.16	-526	70.8	0.26	
	1030		12.75	10.16	2.50	8.48	-527	66.2	0.25	
	1033		13.50	10.16	2.50	8.65	-528	54.2	0.25	
	1036		14.25	10.16	2.50	8.53	-529	45.9	0.25	
	1039		15.00	10.15	2.49	8.77	-531	42.6	0.24	
	1042		15.75	10.15	2.45	8.78	-532	44.0	0.24	

COMMENTS _____

SAMPLE COLLECTION

Sample Date	Sample Time
Sample ID	refer to page 1
QA/QC Collected / ID	Sample Appearance/Odor
Analyses	
Sampler	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co., Inc.	Project No: 516008	Page 3 of 3
Well ID MW-110R	Date 2/13/2024	Time 0939
Well Site Description		
Weather/Temp	refer to page 1	
Field Technician		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	Gallons per foot of depth
Depth to product (ft)	Static water level (ft)
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID		Water Quality Meter Type / ID
Pump Intake Depth (ft)		Flow-Thru Cell Volume (L)
Purge Start Time		Appearance/Odor (Start)
Purge End Time		Appearance/Odor (End)
Average Purge Rate (mL/min)		Total Drawdown (ft)
Well Went Dry (Y/N)	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)		Total Pump Time (min)

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/13/24	1045	0.25	16.50	10.15	2.45	8.65	-534	39.7	0.24	—
	1048		17.25	10.15	2.46	8.48	-535	36.3	0.24	
	1051		18.00	10.14	2.44	8.75	-538	40.1	0.23	
	1054		18.75	10.14	2.44	8.77	-538	39.1	0.24	
	1057		19.50	10.14	2.44	8.53	-539	33.9	0.23	
	1100		20.25	10.14	2.43	8.56	-540	31.3	0.23	
	1103		21.00	10.13	2.44	8.51	-541	29.5	0.23	
	1106		21.75	10.12	2.43	8.63	-541	31.2	0.23	
	1109		22.50	10.10	2.41	8.55	-542	33.5	0.23	
	1112		23.25	10.10	2.41	8.51	-543	33.1	0.23	
	1115		24.00	10.09	2.41	8.63	-543	32.1	0.23	

COMMENTS _____

SAMPLE COLLECTION

Sample Date	Sample Time
Sample ID refer to page 1	
QA/QC Collected / ID	Sample Appearance/Odor
Analyses	
Sampler	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co., Inc	Project No: 516008	Page 1 of 1
Well ID MW-204S	Date 2/12/2024	Time 1350
Well Site Description		
Weather/Temp 30°F/cloudy		
Field Technician C. Derrick, K Cassidy		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 1546.53	Screened Interval (ft bgs)
Well Diameter (in.) 1	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 28.17	Gallons per foot of depth 0.041
Depth to product (ft) —	Static water level (ft) 13.17
Product column height (ft) —	Water column height (ft) 15.00
Product volume (Gallons) —	Water volume (Gallons) 0.62

PURGE INFORMATION

Pump Type / ID peristaltic pump		Water Quality Meter Type / ID Horiba 21293
Pump Intake Depth (ft) mid-screen		Flow-Thru Cell Volume (L)
Purge Start Time 1350		Appearance/Odor (Start) clear/odorless
Purge End Time 1417		Appearance/Odor (End) clear/odorless
Average Purge Rate (mL/min) 0.25		Total Drawdown (ft) —
Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) 6.75		Total Pump Time (min) 27

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	* Depth to Water (ft below TOC)
2/12/24	1350	0.25	—	4.40	0.248	4.88	304	13.2	5.65	—
	1353		0.75	4.41	0.239	5.30	309	7.8	4.13	
	1356		1.50	4.43	0.230	5.75	310	0.0	3.43	
	1359		2.25	4.45	0.227	5.66	309	0.0	2.94	
	1402		3.00	4.47	0.223	5.87	308	0.0	2.41	
	1405		3.75	4.49	0.220	6.01	307	0.0	2.03	
	1408		4.50	4.51	0.220	6.15	306	0.0	1.81	
	1411		5.25	4.52	0.218	6.24	305	0.0	1.72	
	1414		6.00	4.53	0.217	6.32	303	0.0	1.64	
	1417		6.75	4.55	0.217	6.41	302	0.0	1.52	
—	—	—	—	—	SAMPLE	—	—	—	—	—

COMMENTS * DTW not taken due to WLM not being able to fit down well simultaneously with tubing.

SAMPLE COLLECTION

Sample Date 2/12/2024	Sample Time 1417
Sample ID 516008-MW-204S	
QA/QC Collected / ID none	Sample Appearance/Odor clear/odorless
Analyses PAHs	
Sampler C. Derrick	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co., Inc.	Project No: 516008	Page 1 of 2
Well ID MW-204D	Date 2/12/2024	Time 1434
Well Site Description		
Weather/Temp 30°F/cloudy		
Field Technician C. Derrick, K Cassidy		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 1543.7	Screened Interval (ft bgs)
Well Diameter (in.) 1	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 31.26	Gallons per foot of depth 0.041
Depth to product (ft) —	Static water level (ft) 13.52
Product column height (ft) —	Water column height (ft) 17.74
Product volume (Gallons) —	Water volume (Gallons) 0.73

PURGE INFORMATION

Pump Type / ID peristaltic pump		Water Quality Meter Type / ID Horiba 21293
Pump Intake Depth (ft) mid-screen		Flow-Thru Cell Volume (L)
Purge Start Time 1434		Appearance/Odor (Start) clear/odorless
Purge End Time		Appearance/Odor (End)
Average Purge Rate (mL/min) 0.25		Total Drawdown (ft) —
Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) 9.75		Total Pump Time (min) 39

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/12/24	1434	0.25	—	5.15	0.283	6.93	33	251	2.49	—
	1437		0.75	5.37	0.293	7.30	17	225	1.90	
	1440		1.50	5.42	0.297	7.54	9	218	0.85	
	1443		2.25	5.44	0.297	7.61	6	191	0.76	
	1446		3.00	5.46	0.297	7.71	2	132	1.28	
	1449		3.75	5.47	0.297	7.84	0	98.1	1.32	
	1452		4.50	5.48	0.296	7.79	-3	69.8	1.17	
	1455		5.25	5.49	0.295	7.80	-5	52.0	1.09	
	1458		6.00	5.50	0.295	7.88	-7	39.2	1.01	
	1501		6.75	5.51	0.294	7.94	-9	34.1	0.82	
	1504		7.50	5.52	0.294	8.01	-10	32.3	0.85	

COMMENTS *DTW not taken due to WLM not being able to fit down well simultaneously with tubing

SAMPLE COLLECTION

Sample Date 2/12/2024	Sample Time 1513
Sample ID 516008-MW-204D	
QA/QC Collected / ID none	Sample Appearance/Odor
Analyses PAHs	
Sampler C. Derrick	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co., Inc.	Project No: 516008	Page 2 of 2
Well ID MW-204D	Date	Time
Well Site Description		
Weather/Temp refer to page 1		
Field Technician		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	Gallons per foot of depth
Depth to product (ft)	Static water level (ft)
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID		Water Quality Meter Type / ID
Pump Intake Depth (ft)		Flow-Thru Cell Volume (L)
Purge Start Time		Appearance/Odor (Start)
Purge End Time		Appearance/Odor (End)
Average Purge Rate (mL/min)		Total Drawdown (ft)
Well Went Dry (Y/N)	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)		Total Pump Time (min)

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/12/24	1507	0.25	8.25	5.53	0.294	7.99	-11	29.0	0.67	
"	1510	"	9.00	5.53	0.294	7.89	-13	28.5	0.76	"
"	1513	"	9.75	5.54	0.294	7.95	-14	27.9	0.67	"
					SAMPLE					

COMMENTS _____

SAMPLE COLLECTION

Sample Date	Sample Time
Sample ID	
QA/QC Collected / ID refer to page 1	Sample Appearance/Odor
Analyses	
Sampler	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Saranac Lake Gas Co	Project No: 516008	Page 1 of 1
Well ID	MW-205S	Date 2/12/24	Time 1200
Well Site Description	side of Trail		
Weather/Temp	28°F; Cloudy; 7 mph WNW		
Field Technician	M. Gilkey / K. Cassidy / C. Derrick		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	1545.24	Screened Interval (ft bgs)	10 - 20
Well Diameter (in.)	1" PVC	Nominal Borehole Diameter (in.)	———

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	~~1545.24~~ 19.55	Gallons per foot of depth	0.0408 gal
Depth to product (ft)	NA	Static water level (ft)	12.08
Product column height (ft)	NA	Water column height (ft)	7.47
Product volume (Gallons)	NA	Water volume (Gallons)	0.305

PURGE INFORMATION

Pump Type / ID	Peristaltic	Water Quality Meter Type / ID	Horiba U-52
Pump Intake Depth (ft)	~ 15ft bTOC	Flow-Thru Cell Volume (L)	1L
Purge Start Time	1203	Appearance/Odor (Start)	Slight Gas
Purge End Time	1224	Appearance/Odor (End)	Slight Gas
Average Purge Rate (mL/min)	~~~~ 300	Total Drawdown (ft)	NA
Well Went Dry (Y/N)	N	Stop Time 1224	Volume removed (L) 6.3
Recovery Time	NA	Recovery Rate (mL/min) NA	Restart Purge Time NA
Total Volume Removed (L)	6.3	Total Pump Time (min)	21

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/12/24 ~~1203~~	1203	0.3	0	6.32	0.197	6.74	178	23.0	4.98	*
~~1206~~	1206	|	0.9	6.40	0.182	6.55	173	11.0	4.27	|
~~1209~~	1209	|	1.8	6.38	0.167	6.55	165	0.0	3.65	|
~~1212~~	1212	|	2.7	6.34	0.163	6.66	163	0.0	3.15	|
2/12/24	1215	|	3.6	6.34	0.159	6.80	162	0.0	2.96	|
2/12/24	1218	|	4.5	6.29	0.155	7.00	160	0.0	2.91	|
2/12/24	1221	|	5.4	6.27	0.156	6.90	161	0.0	2.80	|
2/12/24	1224	|	6.3	6.31	0.156	6.85	163	0.0	2.75	|

COMMENTS * Well diameter (1") does not allow for tubing & solonist WLM to go down the well @ the same time

SAMPLE COLLECTION

Sample Date	2/12/24	Sample Time	1224
Sample ID	516008-MW-205S ~~2/12/24~~		
QA/QC Collected / ID		Sample Appearance/Odor	Slight Gas / Clear
Analyses	PAHs		
Sampler	M. Gilkey / K. Cassidy	Signature	Morissa Gilkey

WELL PURGING AND SAMPLING RECORD

Site Name/Location Saranac Lake Gas Co	Project No: 516008	Page 1 of 1
Well ID MW-205D	Date 2/12/24	Time 1243
Well Site Description Side of Trail		
Weather/Temp 30°F; Cloudy; 7mph WNW		
Field Technician M. Gilkey / K. Cassidy / C. Derrick		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 1545.52	Screened Interval (ft bgs) 23-33
Well Diameter (in.) 1" PVC	Nominal Borehole Diameter (in.) ———

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 33.15	Gallons per foot of depth 0.0408
Depth to product (ft) NA	Static water level (ft) 12.10
Product column height (ft) NA	Water column height (ft) 21.05
Product volume (Gallons) NA	Water volume (Gallons) 0.859

PURGE INFORMATION

Pump Type / ID Peristaltic		Water Quality Meter Type / ID Horiba U-52
Pump Intake Depth (ft) ~ 30 ftbTOC		Flow-Thru Cell Volume (L) 1L
Purge Start Time 1243		Appearance/Odor (Start) Gas / Clear
Purge End Time 1307		Appearance/Odor (End) Gas / Clear
Average Purge Rate (mL/min) 0.3		Total Drawdown (ft) NA
Well Went Dry (Y/N) N	Stop Time 1307	Volume removed (L)
Recovery Time NA	Recovery Rate (mL/min) NA	Restart Purge Time NA
Total Volume Removed (L)		Total Pump Time (min) 24

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
2/12	1243	0.3	0	6.42	0.205	7.84	-126	43.5	3.55	*
2/12	1246	|	0.9	6.48	0.212	8.00	-144	37.8	1.31	|
2/12	1249	|	1.8	6.45	0.216	8.10	-145	34.0	0.79	|
2/12	1252	|	2.7	6.47	0.216	8.30	-151	20.2	0.08	|
2/12	1255	|	3.6	6.47	0.219	8.26	-154	6.9	0.00	|
2/12	1258	|	4.5	6.48	0.219	8.32	-154	2.4	0.0	|
2/12	1301	|	5.4	6.46	0.219	8.14	-154	0.0	0.0	|
2/12	1304	|	6.3	6.41	0.219	8.20	-154	0.0	0.0	|
2/12	1307	|	7.2	6.36	0.219	8.20	-154	0.0	0.0	|

COMMENTS *Well diameter (1") does not allow for tubing & solonist WLM to go down the well @ the same time

SAMPLE COLLECTION

Sample Date 2/12/24	Sample Time 1307
Sample ID 516008-MW-205D-[illegible] MS	
QA/QC Collected / ID MS/MSD	Sample Appearance/Odor Slight Gas / Clear
Analyses PAHs-8270 SIM	
Sampler M. Gilkey / K. Cassidy	Signature Mjoseph Gilkey

Appendix G
Saranac Lake Gas Co., OU01, OU02 & OU03
Site Inspection Form

A. General Information

Inspector Name: K. Cassidy
Inspection Date: 2/13/2024
Weather (AM/PM): 25°F, Cloudy
Purpose for Inspection: Quarterly Inspection

Comments: _____

B. Site Property (OU01)

The Site property is located at 24 Payeville Lane and encompasses the portion of the Site where in-situ solidification was conducted and a soil cover placed over it. Brandy Brook (OU02) is located North of the property and the property is surrounded by a perimeter fence.

	No	Yes
1. Are there any odors emanating from the site?	✓	
2. Are there bare, dead or damaged vegetated areas along the wetland at the north end of the site?	✓	
3. Is there any erosional damage to the slopes of the soil cover?	✓	
4. Is there any evidence of excavation or damage to the soil cover?	✓	
5. Is there visible damage to the perimeter fence?		✓
6. Is there visible damage to any of the monitoring wells?	✓	
7. Is there any ponding water on or around the soil cover?	✓	
8. Has any wildlife (terrestrial or aquatic) been observed?		✓
12. Were any groundwater samples collected?		✓

If so, what is the sample ID(s)? 516008-MW-104, 516008-MW-106R, 516008-MW-108, 516008-MW-110R, 516008-MW-204S, 516008-MW-204D, 516008-MW-205S, 516008-MW-205D, 516008-FB-301, 516008-FD-GW

Comments: (Please comment for each question answered "yes")

- Damage to perimeter fence, still from downed tree.
- Deer tracks and birds observed.
- The entire site is covered in snow and ice; cannot see soil covers.

C. Brandy Brook (OU02)

OU02, Brandy Brook, extends from Pontiac Bay (culverted under Lake Flower Ave. and Slater Ave.) to OU01, or approximately 0.75 miles.

	No	Yes
1. Is there an increase in turbidity causing a visible contrast to natural conditions?	✓	
2. Is there residue from oil and/or floating substances, visible oil film, or globules or grease?	✓	
3. Are there any odors emanating from the brook?	✓	
4. Are culverts free of debris/blockages?		✓

D. Pontiac Bay (OU03)

Pontiac Bay is located in the northeastern portion of Lake Flower and encompasses the area east of the Lake Flower Boat Launch to the Brandy Brook culvert and south of the Lake Flower Boat Launch to the Fogarty's Lake Flower Marina.

	No	Yes
1. Is there an increase in turbidity causing a visible contrast to natural conditions?	✓	
2. Is there residue from oil and/or floating substances, visible oil film, or globules or grease?	✓	
3. Are there any odors emanating from the bay?	✓	
4. Are there bare, dead or damaged vegetated areas along bank?	✓	
5. Is there any erosional damage to the banks?	✓	
6. Is there any damage to structural retaining walls along banks?	✓	
7. Is there visible damage to the Aquablok® barrier layer?	✓	
8. Has any wildlife (terrestrial or aquatic) been observed?	✓	
9. Were any surface water samples collected?	✓	
If so, what is the sample ID(s)?		

Comments: (Please comment for each question answered "yes")

- Bay is frozen.

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Appendix C

Laboratory Reports

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

EA Engineering

NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

516008(NYSDEC); 1602534.0012(EA); PO#EAENYES596872

SGS Job Number: JD82517

Sampling Date: 02/12/24



Report to:

EA Engineering
269 West Jefferson Street
Syracuse, NY 13202
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Total number of pages in report: **1616**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

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Sections: 1 2 3 4 5 6 7

Table of Contents

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Summary of Hits **6**
Section 4: Sample Results **9**
4.1: JD82517-1: 516008-MW-205S 10
4.2: JD82517-2: 516008-PZ-301 11
4.3: JD82517-3: 516008-MW-205D 12
4.4: JD82517-4: 516008-MW-204S 13
4.5: JD82517-5: 516008-MW-104 14
4.6: JD82517-6: 516008-MW-204D 15
4.7: JD82517-7: 516008-MW-106R 16
4.8: JD82517-8: 516008-FD-GW 17
4.9: JD82517-9: 516008-MW-108R 18
4.10: JD82517-10: 516008-MW-110R 19
Section 5: Misc. Forms **20**
5.1: Chain of Custody 21
5.2: Sample Tracking Chronicle 24
5.3: Internal Chain of Custody 26
Section 6: MS Semi-volatiles - QC Data Summaries **29**
6.1: Method Blank Summary 30
6.2: Blank Spike Summary 32
6.3: Matrix Spike/Matrix Spike Duplicate Summary 33
6.4: Instrument Performance Checks (DFTPP) 34
6.5: Internal Standard Area Summaries 40
6.6: Surrogate Recovery Summaries 46
6.7: Initial and Continuing Calibration Summaries 47
6.8: Run Sequence Reports 83
Section 7: MS Semi-volatiles - Raw Data **90**
7.1: Samples 91
7.2: Method Blanks 245
7.3: Blank Spikes 247
7.4: Matrix Spike/Matrix Spike Duplicates 299
7.5: Instrument Performance Checks (DFTPP) 397
7.6: Initial and Continuing Calibrations 431
7.7: Instrument Run Logs 1597
7.8: Sample Prep Logs 1616

SGS North America Inc.

Sample Summary

EA Engineering

Job No: JD82517

NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Project No: 516008(NYSDEC); 1602534.0012(EA); PO#EAENYES596872

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JD82517-1	02/12/24	12:24	KL	02/15/24	AQ	Ground Water	516008-MW-205S
JD82517-2	02/12/24	12:39	KL	02/15/24	AQ	Ground Water	516008-PZ-301
JD82517-3	02/12/24	13:07	KL	02/15/24	AQ	Ground Water	516008-MW-205D
JD82517-3D	02/12/24	13:07	KL	02/15/24	AQ	Water Dup/MSD	516008-MW-205D
JD82517-3S	02/12/24	13:07	KL	02/15/24	AQ	Water Matrix Spike	516008-MW-205D
JD82517-4	02/12/24	14:17	KL	02/15/24	AQ	Ground Water	516008-MW-204S
JD82517-5	02/12/24	14:39	KL	02/15/24	AQ	Ground Water	516008-MW-104
JD82517-6	02/12/24	15:13	KL	02/15/24	AQ	Ground Water	516008-MW-204D
JD82517-7	02/12/24	15:53	KL	02/15/24	AQ	Ground Water	516008-MW-106R
JD82517-8	02/12/24	00:00	KL	02/15/24	AQ	Ground Water	516008-FD-GW
JD82517-9	02/12/24	10:02	KL	02/15/24	AQ	Ground Water	516008-MW-108R
JD82517-10	02/12/24	11:15	KL	02/15/24	AQ	Ground Water	516008-MW-110R

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	EA Engineering	**Job No:**	JD82517
Site:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake,	**Report Date**	2/23/2024 4:13:04 AM

On 02/15/2024, 10 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 4 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD82517 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Semi-volatiles By Method SW846 8270E

Matrix: AQ **Batch ID:** OP52499

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD82517-3MS, JD82517-3MSD were used as the QC samples indicated.
- The blank spike (BS) recovery(s) of Acenaphthene, Fluorene are outside control limits.
- JD82517-6: Dilution required due to matrix interference.
- JD82517-6 for Acenaphthene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
- JD82517-6 for Acenaphthylene: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Estimated value, due to corresponding failure in the batch associated CCV.
- JD82517-8 for Acenaphthylene: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
- OP52499-BS1 for Acenaphthene: Outside of in house control limits.
- OP52499-BS1 for Fluorene: Outside of in house control limits.
- JD82517-7 for Acenaphthene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
- JD82517-7 for Acenaphthylene: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Estimated value, due to corresponding failure in the batch associated CCV.
- JD82517-3 for Acenaphthylene: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Estimated value, due to corresponding failure in the batch associated CCV.
- JD82517-9 for Acenaphthylene: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
- JD82517-10 for Acenaphthene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
- JD82517-10 for Fluorene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
- JD82517-10 for Acenaphthylene: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Estimated value, due to corresponding failure in the batch associated CCV.
- JD82517-3 for Acenaphthene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
- JD82517-3 for Fluorene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.

MS Semi-volatiles By Method SW846 8270E

Matrix: AQ **Batch ID:** OP52499

- JD82517-4 for Acenaphthene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
- JD82517-4 for Fluorene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
- JD82517-5 for Acenaphthene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
- JD82517-5 for Fluorene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
- JD82517-7 for Fluorene: Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD82517
Account: EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Collected: 02/12/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD82517-1	**516008-MW-205S**					
Benzo(a)pyrene		0.22 J	1.0	0.21	ug/l	SW846 8270E
Benzo(b)fluoranthene		0.21 J	1.0	0.21	ug/l	SW846 8270E
Benzo(g,h,i)perylene		1.3	1.0	0.34	ug/l	SW846 8270E
Fluoranthene		0.25 J	1.0	0.17	ug/l	SW846 8270E
Fluorene		0.18 J	1.0	0.17	ug/l	SW846 8270E
Indeno(1,2,3-cd)pyrene		0.43 J	1.0	0.33	ug/l	SW846 8270E
Phenanthrene		0.24 J	1.0	0.18	ug/l	SW846 8270E
Pyrene		0.26 J	1.0	0.22	ug/l	SW846 8270E
JD82517-2	**516008-PZ-301**					
Benzo(a)anthracene		0.25 J	1.0	0.20	ug/l	SW846 8270E
Benzo(b)fluoranthene		0.21 J	1.0	0.21	ug/l	SW846 8270E
JD82517-3	**516008-MW-205D**					
Acenaphthene [a]		22.7	1.0	0.19	ug/l	SW846 8270E
Acenaphthylene [b]		178	50	6.8	ug/l	SW846 8270E
Anthracene		3.2	1.0	0.21	ug/l	SW846 8270E
Fluoranthene		0.58 J	1.0	0.17	ug/l	SW846 8270E
Fluorene [a]		25.8	1.0	0.17	ug/l	SW846 8270E
Naphthalene		2260	50	12	ug/l	SW846 8270E
Phenanthrene		27.2	1.0	0.18	ug/l	SW846 8270E
Pyrene		0.59 J	1.0	0.22	ug/l	SW846 8270E
JD82517-4	**516008-MW-204S**					
Acenaphthene [a]		4.5	1.0	0.19	ug/l	SW846 8270E
Acenaphthylene		23.0	1.0	0.14	ug/l	SW846 8270E
Anthracene		0.25 J	1.0	0.21	ug/l	SW846 8270E
Fluorene [a]		4.4	1.0	0.17	ug/l	SW846 8270E
Naphthalene		159	5.0	1.2	ug/l	SW846 8270E
Phenanthrene		1.1	1.0	0.18	ug/l	SW846 8270E
JD82517-5	**516008-MW-104**					
Acenaphthene [a]		85.6	1.0	0.19	ug/l	SW846 8270E
Acenaphthylene		91.2	1.0	0.14	ug/l	SW846 8270E
Anthracene		10	1.0	0.21	ug/l	SW846 8270E
Benzo(a)anthracene		0.27 J	1.0	0.20	ug/l	SW846 8270E
Fluoranthene		3.6	1.0	0.17	ug/l	SW846 8270E
Fluorene [a]		39.1	1.0	0.17	ug/l	SW846 8270E
Naphthalene		573	10	2.3	ug/l	SW846 8270E

Summary of Hits

Job Number: JD82517
Account: EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Collected: 02/12/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Phenanthrene		55.5	1.0	0.18	ug/l	SW846 8270E
Pyrene		5.1	1.0	0.22	ug/l	SW846 8270E
JD82517-6	**516008-MW-204D**					
Acenaphthene [c]		11.7	5.0	0.96	ug/l	SW846 8270E
Acenaphthylene [d]		48.6	5.0	0.68	ug/l	SW846 8270E
Anthracene [e]		2.8 J	5.0	1.1	ug/l	SW846 8270E
Fluoranthene [e]		1.3 J	5.0	0.85	ug/l	SW846 8270E
Fluorene [c]		15.8	5.0	0.86	ug/l	SW846 8270E
Naphthalene [e]		279	5.0	1.2	ug/l	SW846 8270E
Phenanthrene [e]		14.2	5.0	0.88	ug/l	SW846 8270E
Pyrene [e]		1.1 J	5.0	1.1	ug/l	SW846 8270E
JD82517-7	**516008-MW-106R**					
Acenaphthene [a]		25.8	1.0	0.19	ug/l	SW846 8270E
Acenaphthylene [b]		24.6	1.0	0.14	ug/l	SW846 8270E
Anthracene		3.1	1.0	0.21	ug/l	SW846 8270E
Benzo(a)anthracene		0.25 J	1.0	0.20	ug/l	SW846 8270E
Fluoranthene		1.9	1.0	0.17	ug/l	SW846 8270E
Fluorene [a]		13.8	1.0	0.17	ug/l	SW846 8270E
Naphthalene		281	5.0	1.2	ug/l	SW846 8270E
Phenanthrene		17.4	1.0	0.18	ug/l	SW846 8270E
Pyrene		2.2	1.0	0.22	ug/l	SW846 8270E
JD82517-8	**516008-FD-GW**					
No hits reported in this sample.						
JD82517-9	**516008-MW-108R**					
No hits reported in this sample.						
JD82517-10	**516008-MW-110R**					
Acenaphthene [a]		51.0	1.0	0.19	ug/l	SW846 8270E
Acenaphthylene [b]		91.7	1.0	0.14	ug/l	SW846 8270E
Anthracene		11.1	1.0	0.21	ug/l	SW846 8270E
Benzo(a)anthracene		1.8	1.0	0.20	ug/l	SW846 8270E
Benzo(a)pyrene		1.5	1.0	0.21	ug/l	SW846 8270E
Benzo(b)fluoranthene		1.4	1.0	0.21	ug/l	SW846 8270E
Benzo(g,h,i)perylene		1.0	1.0	0.34	ug/l	SW846 8270E
Benzo(k)fluoranthene		0.38 J	1.0	0.21	ug/l	SW846 8270E
Chrysene		1.5	1.0	0.18	ug/l	SW846 8270E

Summary of Hits

Job Number: JD82517
Account: EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Collected: 02/12/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Fluoranthene		9.8	1.0	0.17	ug/l	SW846 8270E
Fluorene [a]		33.7	1.0	0.17	ug/l	SW846 8270E
Indeno(1,2,3-cd)pyrene		0.62 J	1.0	0.33	ug/l	SW846 8270E
Naphthalene		876	10	2.3	ug/l	SW846 8270E
Phenanthrene		28.2	1.0	0.18	ug/l	SW846 8270E
Pyrene		13.4	1.0	0.22	ug/l	SW846 8270E

(a) Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Estimated value, due to corresponding failure in the batch associated CCV.
(c) Dilution required due to matrix interference. Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
(d) Dilution required due to matrix interference. Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Estimated value, due to corresponding failure in the batch associated CCV.
(e) Dilution required due to matrix interference.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	516008-MW-205S		
Lab Sample ID:	JD82517-1	**Date Sampled:**	02/12/24
Matrix:	AQ - Ground Water	**Date Received:**	02/15/24
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F219079.D	1	02/20/24 19:30	KM	02/19/24 07:45	OP52499	EF9714
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	0.22	1.0	0.21	ug/l	J
205-99-2	Benzo(b)fluoranthene	0.21	1.0	0.21	ug/l	J
191-24-2	Benzo(g,h,i)perylene	1.3	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
206-44-0	Fluoranthene	0.25	1.0	0.17	ug/l	J
86-73-7	Fluorene	0.18	1.0	0.17	ug/l	J
193-39-5	Indeno(1,2,3-cd)pyrene	0.43	1.0	0.33	ug/l	J
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
85-01-8	Phenanthrene	0.24	1.0	0.18	ug/l	J
129-00-0	Pyrene	0.26	1.0	0.22	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		28-118%
321-60-8	2-Fluorobiphenyl	51%		34-116%
1718-51-0	Terphenyl-d14	28%		10-127%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	516008-PZ-301		
Lab Sample ID:	JD82517-2	**Date Sampled:**	02/12/24
Matrix:	AQ - Ground Water	**Date Received:**	02/15/24
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F219080.D	1	02/20/24 19:56	KM	02/19/24 07:45	OP52499	EF9714
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	0.25	1.0	0.20	ug/l	J
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	0.21	1.0	0.21	ug/l	J
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	83%		28-118%
321-60-8	2-Fluorobiphenyl	63%		34-116%
1718-51-0	Terphenyl-d14	41%		10-127%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	516008-MW-205D		
Lab Sample ID:	JD82517-3	**Date Sampled:**	02/12/24
Matrix:	AQ - Ground Water	**Date Received:**	02/15/24
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F219081.D	1	02/20/24 20:23	KM	02/19/24 07:45	OP52499	EF9714
Run #2	CT5392.D	50	02/21/24 20:10	KM	02/19/24 07:45	OP52499	ECT272

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene [a]	22.7	1.0	0.19	ug/l	
208-96-8	Acenaphthylene [b]	178 [c]	50	6.8	ug/l	
120-12-7	Anthracene	3.2	1.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
206-44-0	Fluoranthene	0.58	1.0	0.17	ug/l	J
86-73-7	Fluorene [a]	25.8	1.0	0.17	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
91-20-3	Naphthalene	2260 [c]	50	12	ug/l	
85-01-8	Phenanthrene	27.2	1.0	0.18	ug/l	
129-00-0	Pyrene	0.59	1.0	0.22	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	88%	88%	28-118%
321-60-8	2-Fluorobiphenyl	61%	81%	34-116%
1718-51-0	Terphenyl-d14	25%	28%	10-127%

(a) Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Estimated value, due to corresponding failure in the batch associated CCV.
(c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	516008-MW-204S		
Lab Sample ID:	JD82517-4	**Date Sampled:**	02/12/24
Matrix:	AQ - Ground Water	**Date Received:**	02/15/24
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F219082.D	1	02/20/24 20:49	KM	02/19/24 07:45	OP52499	EF9714
Run #2	CT5387.D	5	02/21/24 18:41	KM	02/19/24 07:45	OP52499	ECT272

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene [a]	4.5	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	23.0	1.0	0.14	ug/l	
120-12-7	Anthracene	0.25	1.0	0.21	ug/l	J
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene [a]	4.4	1.0	0.17	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
91-20-3	Naphthalene	159 [b]	5.0	1.2	ug/l	
85-01-8	Phenanthrene	1.1	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%	71%	28-118%
321-60-8	2-Fluorobiphenyl	53%	70%	34-116%
1718-51-0	Terphenyl-d14	33%	36%	10-127%

(a) Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	516008-MW-104		
Lab Sample ID:	JD82517-5	**Date Sampled:**	02/12/24
Matrix:	AQ - Ground Water	**Date Received:**	02/15/24
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F219083.D	1	02/20/24 21:16	KM	02/19/24 07:45	OP52499	EF9714
Run #2	CT5389.D	10	02/21/24 19:17	KM	02/19/24 07:45	OP52499	ECT272

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene [a]	85.6	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	91.2	1.0	0.14	ug/l	
120-12-7	Anthracene	10	1.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	0.27	1.0	0.20	ug/l	J
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
206-44-0	Fluoranthene	3.6	1.0	0.17	ug/l	
86-73-7	Fluorene [a]	39.1	1.0	0.17	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
91-20-3	Naphthalene	573 [b]	10	2.3	ug/l	
85-01-8	Phenanthrene	55.5	1.0	0.18	ug/l	
129-00-0	Pyrene	5.1	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	85%	84%	28-118%
321-60-8	2-Fluorobiphenyl	63%	81%	34-116%
1718-51-0	Terphenyl-d14	39%	42%	10-127%

(a) Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	516008-MW-204D		
Lab Sample ID:	JD82517-6	**Date Sampled:**	02/12/24
Matrix:	AQ - Ground Water	**Date Received:**	02/15/24
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	CT5388.D	5	02/21/24 18:59	KM	02/19/24 07:45	OP52499	ECT272
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene [b]	11.7	5.0	0.96	ug/l	
208-96-8	Acenaphthylene [c]	48.6	5.0	0.68	ug/l	
120-12-7	Anthracene	2.8	5.0	1.1	ug/l	J
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	1.7	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	0.88	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	1.7	ug/l	
206-44-0	Fluoranthene	1.3	5.0	0.85	ug/l	J
86-73-7	Fluorene [b]	15.8	5.0	0.86	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	1.7	ug/l	
91-20-3	Naphthalene	279	5.0	1.2	ug/l	
85-01-8	Phenanthrene	14.2	5.0	0.88	ug/l	
129-00-0	Pyrene	1.1	5.0	1.1	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		28-118%
321-60-8	2-Fluorobiphenyl	66%		34-116%
1718-51-0	Terphenyl-d14	37%		10-127%

(a) Dilution required due to matrix interference.
(b) Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
(c) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Estimated value, due to corresponding failure in the batch associated CCV.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	516008-MW-106R		
Lab Sample ID:	JD82517-7	**Date Sampled:**	02/12/24
Matrix:	AQ - Ground Water	**Date Received:**	02/15/24
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT5342.D	1	02/20/24 17:26	KM	02/19/24 07:45	OP52499	ECT271
Run #2	CT5379.D	5	02/21/24 16:19	KM	02/19/24 07:45	OP52499	ECT272

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene [a]	25.8	1.0	0.19	ug/l	
208-96-8	Acenaphthylene [b]	24.6	1.0	0.14	ug/l	
120-12-7	Anthracene	3.1	1.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	0.25	1.0	0.20	ug/l	J
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
206-44-0	Fluoranthene	1.9	1.0	0.17	ug/l	
86-73-7	Fluorene [a]	13.8	1.0	0.17	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
91-20-3	Naphthalene	281 [c]	5.0	1.2	ug/l	
85-01-8	Phenanthrene	17.4	1.0	0.18	ug/l	
129-00-0	Pyrene	2.2	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%	77%	28-118%
321-60-8	2-Fluorobiphenyl	60%	69%	34-116%
1718-51-0	Terphenyl-d14	35%	41%	10-127%

(a) Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Estimated value, due to corresponding failure in the batch associated CCV.
(c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	516008-FD-GW		
Lab Sample ID:	JD82517-8	**Date Sampled:**	02/12/24
Matrix:	AQ - Ground Water	**Date Received:**	02/15/24
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT5343.D	1	02/20/24 17:44	KM	02/19/24 07:45	OP52499	ECT271
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene [a]	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		28-118%
321-60-8	2-Fluorobiphenyl	58%		34-116%
1718-51-0	Terphenyl-d14	44%		10-127%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	516008-MW-108R		
Lab Sample ID:	JD82517-9	**Date Sampled:**	02/12/24
Matrix:	AQ - Ground Water	**Date Received:**	02/15/24
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT5344A.D	1	02/20/24 18:02	KM	02/19/24 07:45	OP52499	ECT271
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene [a]	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		28-118%
321-60-8	2-Fluorobiphenyl	64%		34-116%
1718-51-0	Terphenyl-d14	43%		10-127%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	516008-MW-110R		
Lab Sample ID:	JD82517-10	**Date Sampled:**	02/12/24
Matrix:	AQ - Ground Water	**Date Received:**	02/15/24
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT5345.D	1	02/20/24 18:19	KM	02/19/24 07:45	OP52499	ECT271
Run #2	CT5380.D	10	02/21/24 16:37	KM	02/19/24 07:45	OP52499	ECT272

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene [a]	51.0	1.0	0.19	ug/l	
208-96-8	Acenaphthylene [b]	91.7	1.0	0.14	ug/l	
120-12-7	Anthracene	11.1	1.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	1.8	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	1.5	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	1.4	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	1.0	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	0.38	1.0	0.21	ug/l	J
218-01-9	Chrysene	1.5	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
206-44-0	Fluoranthene	9.8	1.0	0.17	ug/l	
86-73-7	Fluorene [a]	33.7	1.0	0.17	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	1.0	0.33	ug/l	J
91-20-3	Naphthalene	876 [c]	10	2.3	ug/l	
85-01-8	Phenanthrene	28.2	1.0	0.18	ug/l	
129-00-0	Pyrene	13.4	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	95%	82%	28-118%
321-60-8	2-Fluorobiphenyl	61%	75%	34-116%
1718-51-0	Terphenyl-d14	40%	43%	10-127%

(a) Associated Blank Spike outside control limits biased low. Unable to re-extract sample due to expired hold time.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Estimated value, due to corresponding failure in the batch associated CCV.
(c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

GW

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking # | Bottle Order Control #
SGS Quote # | SGS Job # JD82517

Client / Reporting Information

Company Name: EA Engineering
Street Address: 2369 W Jefferson St
City: Syracuse State: NY Zip: 13202
Project Contact: Josh Oliver E-mail: joliver@eaest.com
Phone #: (315) 679-4856
Sampler(s) Name(s): K. Cassidy Phone #: (315) 234-8352

Project Information

Project Name: Saranac Lake GW Co.
Street: Bayeville Ln
City: Saranac Lake State: NY
Project #: 516008 (DEC) 116025340012 (EA)
Client Purchase Order #: EAENYES96872
Project Manager: Josh Oliver

Billing Information (if different from Report to)

Company Name: EA Engineering
Street Address: 25 Western Ave
City: Marlboro State: NY Zip: 12542
Attention: Melanie Dina mdina@eaest.com

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

*Full PAH list, Method 8270, NO SIM
PAH

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
1	516008-MW-205S		2/12/24	1224	KE	G	N	GW	2					X				X	259
2	516008-PZ-301		2/12/24	1239	KE	G	N	GW	2					X				X	
3	516008-MW-205D		2/12/24	1307	KE	G	N	GW	6					X				X	
4	516008-MW-204S		2/12/24	1417	KE	G	N	GW	2					X				X	
5	516008-MW-104		2/12/24	1439	KE	G	N	GW	2					X				X	
6	516008-MW-204D		2/12/24	1513	KE	G	N	GW	2					X				X	
7	516008-MW-106R		2/12/24	1553	KE	G	N	GW	2					X				X	
8	516008-FD-GW		2/12/24	—	KE	G	N	GW	2					X				X	
9	516008-MW-108R		2/13/24	1002	KE	G	N	GW	2					X				X	
10	516008-MW-110R		2/13/24	1115	KE	G	N	GW	2					X				X	

Initial Assessment SY IB
Label Verification

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [X] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via SGS Engage
* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [X] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [X] EDD Format NYSDEC EQuIS EDD

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

* Extra volume for MS/MSD for 516008-MW-205D
* "FD" = Field duplicate

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:
1	[signature]	2/14/24 1130	1 Fedex
2	Fedex	2/15/24 10:00	2 [signature]
3			3
4			4
5			5

Custody Seal # | [ ] Intact [ ] Not Intact [ ] Absent
Therm ID: | See Sample Receipt Summary | On Ice [ ] | Cooler Temp. °C: 3.7°C
IR 40

EHSA-QAC-0023-05 Rev. Date 8/5/22

JD82517: Chain of Custody
Page 1 of 3

SGS Sample Receipt Summary

Job Number: jd82517 **Client:** EA ENGINEERING **Project:** SARANAC LAKE GAS CO.

Date / Time Received: 2/15/2024 10:00:00 AM **Delivery Method:** FED EX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.7);

Cooler Temps (Corrected) °C: Cooler 1: (4.0);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-40		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments
-1 1 of 2 950mL np rec'd broken. 1 remains for analysis.

-3 1 of 6 950mL np rec'd broken. 5 remain for analysis.

Responded to by: Kelly Ramos

Response Date: 2/19/2024

Please proceed with limited volume

JD82517: Chain of Custody
Page 3 of 3

Internal Sample Tracking Chronicle

EA Engineering

Job No: JD82517

NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Project No: 516008(NYSDEC); 1602534.0012(EA); PO#EAENYES596872

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD82517-1 Collected: 12-FEB-24 12:24 By: KL Received: 15-FEB-24 By: JK 516008-MW-205S						
JD82517-1	SW846 8270E	20-FEB-24 19:30	KM	19-FEB-24	DS	B8270PAH
JD82517-2 Collected: 12-FEB-24 12:39 By: KL Received: 15-FEB-24 By: JK 516008-PZ-301						
JD82517-2	SW846 8270E	20-FEB-24 19:56	KM	19-FEB-24	DS	B8270PAH
JD82517-3 Collected: 12-FEB-24 13:07 By: KL Received: 15-FEB-24 By: JK 516008-MW-205D						
JD82517-3	SW846 8270E	20-FEB-24 20:23	KM	19-FEB-24	DS	B8270PAH
JD82517-3	SW846 8270E	21-FEB-24 20:10	KM	19-FEB-24	DS	B8270PAH
JD82517-4 Collected: 12-FEB-24 14:17 By: KL Received: 15-FEB-24 By: JK 516008-MW-204S						
JD82517-4	SW846 8270E	20-FEB-24 20:49	KM	19-FEB-24	DS	B8270PAH
JD82517-4	SW846 8270E	21-FEB-24 18:41	KM	19-FEB-24	DS	B8270PAH
JD82517-5 Collected: 12-FEB-24 14:39 By: KL Received: 15-FEB-24 By: JK 516008-MW-104						
JD82517-5	SW846 8270E	20-FEB-24 21:16	KM	19-FEB-24	DS	B8270PAH
JD82517-5	SW846 8270E	21-FEB-24 19:17	KM	19-FEB-24	DS	B8270PAH
JD82517-6 Collected: 12-FEB-24 15:13 By: KL Received: 15-FEB-24 By: JK 516008-MW-204D						
JD82517-6	SW846 8270E	21-FEB-24 18:59	KM	19-FEB-24	DS	B8270PAH
JD82517-7 Collected: 12-FEB-24 15:53 By: KL Received: 15-FEB-24 By: JK 516008-MW-106R						
JD82517-7	SW846 8270E	20-FEB-24 17:26	KM	19-FEB-24	DS	B8270PAH
JD82517-7	SW846 8270E	21-FEB-24 16:19	KM	19-FEB-24	DS	B8270PAH

Internal Sample Tracking Chronicle

EA Engineering

Job No: JD82517

NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Project No: 516008(NYSDEC); 1602534.0012(EA); PO#EAENYES596872

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD82517-8	Collected: 12-FEB-24 00:00 By: KL			Received: 15-FEB-24	By: JK	
516008-FD-GW						
JD82517-8	SW846 8270E	20-FEB-24 17:44	KM	19-FEB-24	DS	B8270PAH
JD82517-9	Collected: 12-FEB-24 10:02 By: KL			Received: 15-FEB-24	By: JK	
516008-MW-108R						
JD82517-9	SW846 8270E	20-FEB-24 18:02	KM	19-FEB-24	DS	B8270PAH
JD82517-10	Collected: 12-FEB-24 11:15 By: KL			Received: 15-FEB-24	By: JK	
516008-MW-110R						
JD82517-10	SW846 8270E	20-FEB-24 18:19	KM	19-FEB-24	DS	B8270PAH
JD82517-10	SW846 8270E	21-FEB-24 16:37	KM	19-FEB-24	DS	B8270PAH

SGS Internal Chain of Custody

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Received: 02/15/24

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD82517-1.1	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-1.1	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-1.1	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-1.1	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-1.1	Doaa Salem		02/21/24 15:35	Depleted
JD82517-1.1.1	Doaa Salem	Organics Prep	02/19/24 06:06	Extract from JD82517-1.1
JD82517-1.1.1	Organics Prep	Doaa Salem	02/19/24 18:25	Extract from JD82517-1.1
JD82517-1.1.1	Doaa Salem	Extract Storage	02/19/24 18:25	Return to Storage
JD82517-2.1	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-2.1	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-2.1	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-2.1	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-2.1	Doaa Salem		02/21/24 15:35	Depleted
JD82517-2.1.1	Doaa Salem	Organics Prep	02/19/24 06:06	Extract from JD82517-2.1
JD82517-2.1.1	Organics Prep	Doaa Salem	02/19/24 18:25	Extract from JD82517-2.1
JD82517-2.1.1	Doaa Salem	Extract Storage	02/19/24 18:25	Return to Storage
JD82517-2.2	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-3.2	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-3.2	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-3.2	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-3.2	Doaa Salem		02/21/24 15:35	Depleted
JD82517-3.2.1	Doaa Salem	Organics Prep	02/19/24 06:06	Extract from JD82517-3.2
JD82517-3.2.1	Organics Prep	Doaa Salem	02/19/24 18:25	Extract from JD82517-3.2
JD82517-3.2.1	Doaa Salem	Extract Storage	02/19/24 18:25	Return to Storage
JD82517-3.3	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-3.3	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-3.3	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-3.3	Doaa Salem		02/21/24 15:35	Depleted
JD82517-3.5	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-3.5	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-3.5	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-3.5	Doaa Salem		02/21/24 15:35	Depleted
JD82517-4.1	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-4.2	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage

SGS Internal Chain of Custody

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Received: 02/15/24

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD82517-4.2	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-4.2	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-4.2	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-4.2	Doaa Salem		02/21/24 15:35	Depleted
JD82517-4.2.1	Doaa Salem	Organics Prep	02/19/24 06:06	Extract from JD82517-4.2
JD82517-4.2.1	Organics Prep	Doaa Salem	02/19/24 18:25	Extract from JD82517-4.2
JD82517-4.2.1	Doaa Salem	Extract Storage	02/19/24 18:25	Return to Storage
JD82517-5.1	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-5.2	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-5.2	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-5.2	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-5.2	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-5.2	Doaa Salem		02/21/24 15:35	Depleted
JD82517-5.2.1	Doaa Salem	Organics Prep	02/19/24 06:06	Extract from JD82517-5.2
JD82517-5.2.1	Organics Prep	Doaa Salem	02/19/24 18:25	Extract from JD82517-5.2
JD82517-5.2.1	Doaa Salem	Extract Storage	02/19/24 18:25	Return to Storage
JD82517-6.1	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-6.1	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-6.1	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-6.1	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-6.1	Doaa Salem		02/21/24 15:35	Depleted
JD82517-6.1.1	Doaa Salem	Organics Prep	02/19/24 06:06	Extract from JD82517-6.1
JD82517-6.1.1	Organics Prep	Doaa Salem	02/19/24 18:25	Extract from JD82517-6.1
JD82517-6.1.1	Doaa Salem	Extract Storage	02/19/24 18:25	Return to Storage
JD82517-6.2	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-7.2	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-7.2	Secured Storage	Doaa Salem	02/19/24 06:27	Retrieve from Storage
JD82517-7.2	Doaa Salem		02/21/24 15:35	Depleted
JD82517-7.2.1	Doaa Salem	Organics Prep	02/19/24 06:27	Extract from JD82517-7.2
JD82517-7.2.1	Organics Prep	Doaa Salem	02/19/24 18:25	Extract from JD82517-7.2
JD82517-7.2.1	Doaa Salem	Extract Storage	02/19/24 18:25	Return to Storage
JD82517-8.1	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-8.1	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-8.1	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage

SGS Internal Chain of Custody

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Received: 02/15/24

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD82517-8.1	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-8.1	Doaa Salem		02/21/24 15:35	Depleted
JD82517-8.1.1	Doaa Salem	Organics Prep	02/19/24 06:06	Extract from JD82517-8.1
JD82517-8.1.1	Organics Prep	Doaa Salem	02/19/24 18:25	Extract from JD82517-8.1
JD82517-8.1.1	Doaa Salem	Extract Storage	02/19/24 18:25	Return to Storage
JD82517-9.1	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-9.1	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-9.1	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-9.1	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-9.1	Doaa Salem		02/21/24 15:35	Depleted
JD82517-9.1.1	Doaa Salem	Organics Prep	02/19/24 06:06	Extract from JD82517-9.1
JD82517-9.1.1	Organics Prep	Doaa Salem	02/19/24 18:25	Extract from JD82517-9.1
JD82517-9.1.1	Doaa Salem	Extract Storage	02/19/24 18:25	Return to Storage
JD82517-9.2	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-9.2	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-9.2	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-9.2	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-9.2	Taylor Gorman	Secured Storage	02/21/24 15:33	Return to Storage
Analyst chain of custody update error.				
JD82517-10.1	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage
JD82517-10.1	Secured Storage	Dave Hunkele	02/17/24 06:51	Retrieve from Storage
JD82517-10.1	Dave Hunkele	Secured Staging Area	02/17/24 06:52	Return to Storage
JD82517-10.1	Secured Staging Area	Doaa Salem	02/19/24 06:03	Retrieve from Storage
JD82517-10.1	Doaa Salem		02/21/24 15:35	Depleted
JD82517-10.1.1	Doaa Salem	Organics Prep	02/19/24 06:06	Extract from JD82517-10.1
JD82517-10.1.1	Organics Prep	Doaa Salem	02/19/24 18:25	Extract from JD82517-10.1
JD82517-10.1.1	Doaa Salem	Extract Storage	02/19/24 18:25	Return to Storage
JD82517-10.2	Aleandi Rodriguez	Secured Storage	02/15/24 20:08	Return to Storage

MS Semi-volatiles

6

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries
- Run Sequence Reports

Method Blank Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP52499-MB1	F219061.D	1	02/20/24	KM	02/19/24	OP52499	EF9714

The QC reported here applies to the following samples: **Method:** SW846 8270E

JD82517-1, JD82517-2, JD82517-3, JD82517-4, JD82517-5, JD82517-6, JD82517-7, JD82517-8, JD82517-9, JD82517-10

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	37%	10-71%
4165-62-2	Phenol-d5	26%	10-58%
118-79-6	2,4,6-Tribromophenol	48%	22-144%
4165-60-0	Nitrobenzene-d5	84%	28-118%
321-60-8	2-Fluorobiphenyl	60%	34-116%
1718-51-0	Terphenyl-d14	61%	10-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Internal standard added for SIM test	4.95	4.3	ug/l	J
	Internal standard added for SIM test	6.31	4.8	ug/l	J
	Internal standard added for SIM test	7.79	4.7	ug/l	J
	Internal standard added for SIM test	11.35	4.6	ug/l	J
	Unknown	16.42	9.3	ug/l	J
	Internal standard added for SIM test	17.41	4.4	ug/l	J

Method Blank Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP52499-MB1	F219061.D	1	02/20/24	KM	02/19/24	OP52499	EF9714

The QC reported here applies to the following samples: **Method:**

JD82517-1, JD82517-2, JD82517-3, JD82517-4, JD82517-5, JD82517-6, JD82517-7, JD82517-8, JD82517-9, JD82517-10

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		9.3	ug/l	J

Blank Spike Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP52499-BS1	F219062AB.D	1	02/20/24	KM	02/19/24	OP52499	EF9714

The QC reported here applies to the following samples: **Method:** SW846 8270E

JD82517-1, JD82517-2, JD82517-3, JD82517-4, JD82517-5, JD82517-6, JD82517-7, JD82517-8, JD82517-9, JD82517-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
83-32-9	Acenaphthene	50	20.4	41* [a]	52-115
208-96-8	Acenaphthylene	50	26.1	52	30-114
120-12-7	Anthracene	50	28.8	58	55-122
56-55-3	Benzo(a)anthracene	50	31.8	64	55-122
50-32-8	Benzo(a)pyrene	50	30.9	62	50-123
205-99-2	Benzo(b)fluoranthene	50	32.5	65	57-124
191-24-2	Benzo(g,h,i)perylene	50	28.1	56	55-125
207-08-9	Benzo(k)fluoranthene	50	33.2	66	53-124
218-01-9	Chrysene	50	31.3	63	54-122
53-70-3	Dibenzo(a,h)anthracene	50	29.6	59	55-127
206-44-0	Fluoranthene	50	30.1	60	58-125
86-73-7	Fluorene	50	24.9	50* [a]	56-119
193-39-5	Indeno(1,2,3-cd)pyrene	50	27.0	54	50-132
91-20-3	Naphthalene	50	19.5	39	37-112
85-01-8	Phenanthrene	50	28.5	57	56-121
129-00-0	Pyrene	50	34.0	68	55-125

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	26%	10-71%
4165-62-2	Phenol-d5	20%	10-58%
118-79-6	2,4,6-Tribromophenol	41%	22-144%
4165-60-0	Nitrobenzene-d5	52%	28-118%
321-60-8	2-Fluorobiphenyl	35%	34-116%
1718-51-0	Terphenyl-d14	51%	10-127%

(a) Outside of in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP52499-MS	F219070.D	1	02/20/24	KM	02/19/24	OP52499	EF9714
OP52499-MSD	F219071.D	1	02/20/24	KM	02/19/24	OP52499	EF9714
JD82517-3	F219081.D	1	02/20/24	KM	02/19/24	OP52499	EF9714
JD82517-3	CT5392.D	50	02/21/24	KM	02/19/24	OP52499	ECT272

The QC reported here applies to the following samples: **Method:** SW846 8270E

JD82517-1, JD82517-2, JD82517-3, JD82517-4, JD82517-5, JD82517-6, JD82517-7, JD82517-8, JD82517-9, JD82517-10

CAS No.	Compound	JD82517-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	22.7		50	50.6	56	50	57.8	70	13	29-139/40
208-96-8	Acenaphthylene	178 [b]		50	219	90	50	254	160* [a]	15	16-131/41
120-12-7	Anthracene	3.2		50	35.2	64	50	40.5	75	14	33-142/40
56-55-3	Benzo(a)anthracene	ND		50	29.8	60	50	34.2	68	14	27-145/43
50-32-8	Benzo(a)pyrene	ND		50	30.3	61	50	33.7	67	11	24-145/48
205-99-2	Benzo(b)fluoranthene	ND		50	31.0	62	50	33.8	68	9	31-141/49
191-24-2	Benzo(g,h,i)perylene	ND		50	24.6	49	50	26.2	52	6	25-147/50
207-08-9	Benzo(k)fluoranthene	ND		50	30.4	61	50	33.0	66	8	24-146/47
218-01-9	Chrysene	ND		50	28.7	57	50	33.0	66	14	27-144/43
53-70-3	Dibenzo(a,h)anthracene	ND		50	26.6	53	50	28.6	57	7	27-147/48
206-44-0	Fluoranthene	0.58	J	50	30.6	60	50	34.6	68	12	35-143/42
86-73-7	Fluorene	25.8		50	57.5	63	50	67.1	83	15	36-138/40
193-39-5	Indeno(1,2,3-cd)pyrene	ND		50	25.5	51	50	27.4	55	7	19-158/48
91-20-3	Naphthalene	2260 [b]		50	1500	100	50	1700	500* [a]	13	10-158/50
85-01-8	Phenanthrene	27.2		50	59.7	65	50	69.4	84	15	32-145/40
129-00-0	Pyrene	0.59	J	50	34.9	69	50	41.6	82	18	31-146/40

CAS No.	Surrogate Recoveries	MS	MSD	JD82517-3	JD82517-3	Limits
367-12-4	2-Fluorophenol	33%	32%			10-71%
4165-62-2	Phenol-d5	25%	24%			10-58%
118-79-6	2,4,6-Tribromophenol	50%	51%			22-144%
4165-60-0	Nitrobenzene-d5	73%	78%	88%	88%	28-118%
321-60-8	2-Fluorobiphenyl	57%	60%	61%	81%	34-116%
1718-51-0	Terphenyl-d14	34%	37%	25%	28%	10-127%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Result is from Run #2.

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Sample: ECT266-DFTPP
Lab File ID: CT5235.D
Instrument ID: GCMSCT
Injection Date: 02/15/24
Injection Time: 11:58

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	172780	56.3		Pass
68	Less than 2.0% of mass 69	2110	0.69	(1.63) [a]	Pass
69	Mass 69 relative abundance	129267	42.1		Pass
70	Less than 2.0% of mass 69	735	0.24	(0.57) [a]	Pass
127	40.0 - 60.0% of mass 198	170056	55.4		Pass
197	Less than 1.0% of mass 198	1214	0.40		Pass
198	Base peak, 100% relative abundance	306773	100.0		Pass
199	5.0 - 9.0% of mass 198	20585	6.71		Pass
275	10.0 - 30.0% of mass 198	68240	22.2		Pass
365	1.0 - 100.0% of mass 198	8350	2.72		Pass
441	Present, but less than mass 443	37535	12.2	(77.5) [b]	Pass
442	40.0 - 100.0% of mass 198	239992	78.2		Pass
443	17.0 - 23.0% of mass 442	48438	15.8	(20.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECT266-ICC266	CT5236.D	02/15/24	12:11	00:13	Initial cal 50
ECT266-IC266	CT5239.D	02/15/24	12:29	00:31	Initial cal 1
ECT266-IC266	CT5240.D	02/15/24	12:53	00:55	Initial cal 2
ECT266-IC266	CT5241.D	02/15/24	13:11	01:13	Initial cal 5
ECT266-IC266	CT5242.D	02/15/24	13:29	01:31	Initial cal 10
ECT266-IC266	CT5243.D	02/15/24	13:47	01:49	Initial cal 25
ECT266-IC266	CT5244.D	02/15/24	14:04	02:06	Initial cal 80
ECT266-IC266	CT5245.D	02/15/24	14:22	02:24	Initial cal 100
ECT266-ICV266	CT5246.D	02/15/24	14:42	02:44	Initial cal verification 50
ECT266-ICV266	CT5247.D	02/15/24	14:59	03:01	Initial cal verification 50
ECT266-ICV266	CT5248.D	02/15/24	15:23	03:25	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Sample: ECT267-DFTPP
Lab File ID: CT5250.D
Instrument ID: GCMSCT
Injection Date: 02/16/24
Injection Time: 10:19

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	150896	52.2		Pass
68	Less than 2.0% of mass 69	1846	0.64	(1.62) [a]	Pass
69	Mass 69 relative abundance	113987	39.5		Pass
70	Less than 2.0% of mass 69	733	0.25	(0.64) [a]	Pass
127	40.0 - 60.0% of mass 198	156283	54.1		Pass
197	Less than 1.0% of mass 198	1053	0.36		Pass
198	Base peak, 100% relative abundance	288853	100.0		Pass
199	5.0 - 9.0% of mass 198	19528	6.76		Pass
275	10.0 - 30.0% of mass 198	67080	23.2		Pass
365	1.0 - 100.0% of mass 198	8571	2.97		Pass
441	Present, but less than mass 443	41733	14.4	(78.7) [b]	Pass
442	40.0 - 100.0% of mass 198	269533	93.3		Pass
443	17.0 - 23.0% of mass 442	53056	18.4	(19.7) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECT267-IC267	CT5251.D	02/16/24	10:37	00:18	Initial cal 1
ECT267-IC267	CT5252.D	02/16/24	10:54	00:35	Initial cal 2
ECT267-IC267	CT5253.D	02/16/24	11:12	00:53	Initial cal 5
ECT267-IC267	CT5254.D	02/16/24	11:30	01:11	Initial cal 10
ECT267-IC267	CT5255.D	02/16/24	11:47	01:28	Initial cal 25
ECT267-ICC267	CT5256.D	02/16/24	12:49	02:30	Initial cal 50
ECT267-IC267	CT5257.D	02/16/24	13:07	02:48	Initial cal 80
ECT267-IC267	CT5258.D	02/16/24	13:24	03:05	Initial cal 100
ECT267-ICV267	CT5259.D	02/16/24	13:42	03:23	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Sample: ECT272-DFTPP
Lab File ID: CT5356.D
Instrument ID: GCMSCT
Injection Date: 02/21/24
Injection Time: 09:21

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	158145	53.8		Pass
68	Less than 2.0% of mass 69	1488	0.51	(1.25) [a]	Pass
69	Mass 69 relative abundance	118766	40.4		Pass
70	Less than 2.0% of mass 69	442	0.15	(0.37) [a]	Pass
127	40.0 - 60.0% of mass 198	161041	54.8		Pass
197	Less than 1.0% of mass 198	2681	0.91		Pass
198	Base peak, 100% relative abundance	293909	100.0		Pass
199	5.0 - 9.0% of mass 198	20002	6.81		Pass
275	10.0 - 30.0% of mass 198	67747	23.1		Pass
365	1.0 - 100.0% of mass 198	8711	2.96		Pass
441	Present, but less than mass 443	40472	13.8	(79.8) [b]	Pass
442	40.0 - 100.0% of mass 198	263189	89.5		Pass
443	17.0 - 23.0% of mass 442	50717	17.3	(19.3) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECT272-CC266	CT5357.D	02/21/24	09:32	00:11	Continuing cal 50
ECT272-CC267	CT5358.D	02/21/24	09:50	00:29	Continuing cal 50
ECT272-CC266	CT5359.D	02/21/24	10:08	00:47	Continuing cal 1
ZZZZZZ	CT5363.D	02/21/24	11:34	02:13	(unrelated sample)
OP51638-MB2	CT5364.D	02/21/24	11:52	02:31	Method Blank
OP52522-BS1	CT5365.D	02/21/24	12:10	02:49	Blank Spike
OP52598-MB1	CT5366.D	02/21/24	12:27	03:06	Method Blank
OP52598-BS1	CT5367.D	02/21/24	12:45	03:24	Blank Spike
OP52598-BSD	CT5368.D	02/21/24	13:03	03:42	Blank Spike Duplicate
ZZZZZZ	CT5369.D	02/21/24	13:21	04:00	(unrelated sample)
JD82331-5	CT5370.D	02/21/24	13:39	04:18	(used for QC only; not part of job JD82517)
ZZZZZZ	CT5371.D	02/21/24	13:56	04:35	(unrelated sample)
ZZZZZZ	CT5372.D	02/21/24	14:14	04:53	(unrelated sample)
ZZZZZZ	CT5373.D	02/21/24	14:32	05:11	(unrelated sample)
OP52598-MS	CT5374.D	02/21/24	14:50	05:29	Matrix Spike
OP52598-MSD	CT5375.D	02/21/24	15:07	05:46	Matrix Spike Duplicate
ZZZZZZ	CT5376.D	02/21/24	15:25	06:04	(unrelated sample)
ZZZZZZ	CT5377.D	02/21/24	15:43	06:22	(unrelated sample)
JD82444-9	CT5378.D	02/21/24	16:01	06:40	(used for QC only; not part of job JD82517)

Instrument Performance Check (DFTPP)

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Sample:	ECT272-DFTPP	**Injection Date:**	02/21/24
Lab File ID:	CT5356.D	**Injection Time:**	09:21
Instrument ID:	GCMSCT		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
JD82517-7	CT5379.D	02/21/24	16:19	06:58	516008-MW-106R
JD82517-10	CT5380.D	02/21/24	16:37	07:16	516008-MW-110R
ZZZZZZ	CT5381.D	02/21/24	16:55	07:34	(unrelated sample)
ZZZZZZ	CT5382.D	02/21/24	17:12	07:51	(unrelated sample)
ZZZZZZ	CT5384.D	02/21/24	17:48	08:27	(unrelated sample)
ZZZZZZ	CT5385.D	02/21/24	18:06	08:45	(unrelated sample)
ZZZZZZ	CT5386.D	02/21/24	18:23	09:02	(unrelated sample)
JD82517-4	CT5387.D	02/21/24	18:41	09:20	516008-MW-204S
JD82517-6	CT5388.D	02/21/24	18:59	09:38	516008-MW-204D
JD82517-5	CT5389.D	02/21/24	19:17	09:56	516008-MW-104
ZZZZZZ	CT5390.D	02/21/24	19:35	10:14	(unrelated sample)
ZZZZZZ	CT5391.D	02/21/24	19:52	10:31	(unrelated sample)
JD82517-3	CT5392.D	02/21/24	20:10	10:49	516008-MW-205D
ZZZZZZ	CT5393.D	02/21/24	20:28	11:07	(unrelated sample)
ECT273-CC242	CT5397.D	02/22/24	03:06	17:45	Continuing cal 1
OP52561A-MB1	CT5399.D	02/22/24	04:52	19:31	Method Blank
OP52561A-BS12	CT5400.D	02/22/24	05:12	19:51	Blank Spike
OP52562A-MB1	CT5401.D	02/22/24	05:32	20:11	Method Blank
OP52562A-BS12	CT5402.D	02/22/24	05:53	20:32	Blank Spike
OP52605A-MB1	CT5403.D	02/22/24	06:13	20:52	Method Blank
OP52605A-BS12	CT5404.D	02/22/24	06:33	21:12	Blank Spike
OP52605A-BSD12	CT5405.D	02/22/24	06:53	21:32	Blank Spike Duplicate
ZZZZZZ	CT5406.D	02/22/24	07:13	21:52	(unrelated sample)
ZZZZZZ	CT5407.D	02/22/24	07:33	22:12	(unrelated sample)
ZZZZZZ	CT5409.D	02/22/24	08:14	22:53	(unrelated sample)
JD82537-25	CT5411.D	02/22/24	08:55	23:34	(used for QC only; not part of job JD82517)
ZZZZZZ	CT5412.D	02/22/24	09:21	24:00	(unrelated sample)
OP52562A-MSA	CT5413.D	02/22/24	09:41	24:20	Matrix Spike
OP52562A-MSDA	CT5414.D	02/22/24	10:01	24:40	Matrix Spike Duplicate
ZZZZZZ	CT5415.D	02/22/24	10:21	25:00	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Sample: EF9690-DFTPP
Lab File ID: F218578.D
Instrument ID: GCMSF
Injection Date: 01/24/24
Injection Time: 11:17

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	25018	34.7		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	32693	45.3		Pass
70	Less than 2.0% of mass 69	114	0.16	(0.35) [a]	Pass
127	40.0 - 60.0% of mass 198	39576	54.8		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	72192	100.0		Pass
199	5.0 - 9.0% of mass 198	5282	7.32		Pass
275	10.0 - 30.0% of mass 198	19209	26.6		Pass
365	1.0 - 100.0% of mass 198	2353	3.26		Pass
441	Present, but less than mass 443	8619	11.9	(79.7) [b]	Pass
442	40.0 - 100.0% of mass 198	56456	78.2		Pass
443	17.0 - 23.0% of mass 442	10818	15.0	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF9690-ICC9690	F218579.D	01/24/24	11:46	00:29	Initial cal 50
EF9690-IC9690	F218580.D	01/24/24	12:11	00:54	Initial cal 1
EF9690-IC9690	F218581.D	01/24/24	12:37	01:20	Initial cal 2
EF9690-IC9690	F218582.D	01/24/24	13:02	01:45	Initial cal 5
EF9690-IC9690	F218583.D	01/24/24	13:28	02:11	Initial cal 10
EF9690-IC9690	F218584.D	01/24/24	13:53	02:36	Initial cal 25
EF9690-IC9690	F218585.D	01/24/24	14:18	03:01	Initial cal 80
EF9690-IC9690	F218586.D	01/24/24	14:44	03:27	Initial cal 100
EF9690-ICV9690	F218587.D	01/24/24	15:10	03:53	Initial cal verification 50
EF9690-ICV9690	F218588.D	01/24/24	15:36	04:19	Initial cal verification 50
EF9690-ICV9690	F218589.D	01/24/24	16:02	04:45	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Sample: EF9691-DFTPP
Lab File ID: F218590.D
Instrument ID: GCMSF
Injection Date: 01/25/24
Injection Time: 12:09

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	26020	33.5		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	34366	44.2		Pass
70	Less than 2.0% of mass 69	207	0.27	(0.60) [a]	Pass
127	40.0 - 60.0% of mass 198	40936	52.6		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	77760	100.0		Pass
199	5.0 - 9.0% of mass 198	5245	6.75		Pass
275	10.0 - 30.0% of mass 198	20125	25.9		Pass
365	1.0 - 100.0% of mass 198	2696	3.47		Pass
441	Present, but less than mass 443	10047	12.9	(82.3) [b]	Pass
442	40.0 - 100.0% of mass 198	62714	80.7		Pass
443	17.0 - 23.0% of mass 442	12215	15.7	(19.5) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF9691-ICC9691	F218591.D	01/25/24	12:20	00:11	Initial cal 50
EF9691-IC9691	F218592.D	01/25/24	12:46	00:37	Initial cal 1
EF9691-IC9691	F218593.D	01/25/24	13:12	01:03	Initial cal 2
EF9691-IC9691	F218594A.D	01/25/24	14:37	02:28	Initial cal 5
EF9691-IC9691	F218595.D	01/25/24	15:03	02:54	Initial cal 10
EF9691-IC9691	F218596.D	01/25/24	15:29	03:20	Initial cal 25
EF9691-IC9691	F218597.D	01/25/24	15:55	03:46	Initial cal 80
EF9691-IC9691	F218598.D	01/25/24	16:20	04:11	Initial cal 100
EF9691-ICV9691	F218599.D	01/25/24	16:46	04:37	Initial cal verification 50

Internal Standard Area Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Check Std:	ECT271-CC266	**Injection Date:**	02/20/24
Lab File ID:	CT5318A.D	**Injection Time:**	10:25
Instrument ID:	GCMSCT	**Method:**	SW846 8270E

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Initial Cal [a]	434765	3.20	1631106	3.89	910901	4.97	1608097	6.25	1083061	9.20	1170183	10.80
Check Std [b]	460516	3.18	1716022	3.87	948632	4.94	1679432	6.20	1162098	9.16	1275309	10.75
Upper Limit [c]	921032	3.35	3432044	4.04	1897264	5.11	3358864	6.37	2324196	9.33	2550618	10.92
Lower Limit [d]	230258	3.01	858011	3.70	474316	4.77	839716	6.03	581049	8.99	637655	10.58

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP52522-MB1	463072	3.18	1727189	3.86	931484	4.94	1654248	6.21	1251419	9.16	1273725	10.77
ZZZZZZ	700781	3.18	2535558	3.86	1361544	4.94	2418795	6.21	1760455	9.16	1815543	10.77
ZZZZZZ	537769	3.18	2002190	3.86	1053961	4.94	1715067	6.20	1295055	9.16	1335771	10.76
ZZZZZZ	558370	3.18	2313066	3.86	1099192	4.94	1900969	6.21	1427628	9.16	1487292	10.77
ZZZZZZ	564382	3.18	2070335	3.86	1023246	4.94	1771926	6.20	1339368	9.16	1500470	10.77
ZZZZZZ	544524	3.18	2028468	3.86	1007347	4.94	1736012	6.21	1331836	9.16	1406178	10.77
ZZZZZZ	549911	3.18	1995566	3.87	1060556	4.94	1858093	6.21	1385539	9.16	1440288	10.77
ZZZZZZ	559815	3.18	2754907	3.87	1073656	4.94	1876580	6.21	1322310	9.16	1401693	10.77
ZZZZZZ	590369	3.18	2035692	3.86	1078144	4.94	1897661	6.20	1506277	9.16	1476305	10.77
ZZZZZZ	592427	3.18	2194388	3.86	1171803	4.94	2036631	6.20	1552253	9.16	1588559	10.76
JD82444-9	515698	3.18	1548278	3.87	576488	4.95	1318574	6.22	1268472	9.17	286409[e]	10.77
OP52522-MS	531281	3.18	2196368	3.87	871970	4.95	1488862	6.21	1129946	9.17	1218641	10.77
OP52522-MSD	532319	3.18	2314149	3.87	911920	4.95	1576473	6.21	1164031	9.17	1299156	10.77
ZZZZZZ	540075	3.18	2703169	3.87	986923	4.94	1728621	6.21	1318898	9.16	1446941	10.77
JD82517-7	573685	3.18	1885703	3.87	1031437	4.94	1823495	6.21	1358128	9.16	1482427	10.77
JD82517-8	568257	3.18	1940713	3.86	1030212	4.94	1789637	6.21	1360766	9.16	1373425	10.77
JD82517-9	559980	3.18	2042337	3.86	1107847	4.94	1800281	6.21	1347760	9.16	1385097	10.77
JD82517-10	571451	3.18	1558965	3.87	1090182	4.94	1850504	6.21	1283819	9.17	1338927	10.78
ZZZZZZ	573328	3.18	1908172	3.87	1016043	4.95	1748266	6.21	1250162	9.17	1430497	10.78
ZZZZZZ	587187	3.18	1997580	3.87	1051708	4.94	1762403	6.21	1381744	9.16	1475491	10.77
ZZZZZZ	550021	3.18	2004240	3.87	1073237	4.95	1829763	6.21	1293993	9.17	1350679	10.77
ZZZZZZ	542130	3.18	2015195	3.86	1056381	4.94	1814995	6.21	1269800	9.16	1316331	10.77
ZZZZZZ	527437	3.18	1972608	3.86	977966	4.94	1710766	6.21	1275646	9.16	1421112	10.77
ZZZZZZ	546336	3.18	2075879	3.87	1106570	4.94	1895770	6.21	1394202	9.16	1381075	10.77
ZZZZZZ	540214	3.18	2000048	3.86	1043934	4.94	1728042	6.20	1268101	9.16	1327544	10.76
ZZZZZZ	532187	3.18	1962695	3.86	971745	4.94	1707717	6.20	1344772	9.16	1375596	10.76
ZZZZZZ	538441	3.18	1998344	3.86	1039055	4.94	1745019	6.20	1366290	9.16	1408246	10.76
ZZZZZZ	544215	3.18	1999385	3.86	1049582	4.94	1828239	6.20	1363355	9.16	1425351	10.76

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10

Internal Standard Area Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Check Std:	ECT271-CC266	**Injection Date:**	02/20/24
Lab File ID:	CT5318A.D	**Injection Time:**	10:25
Instrument ID:	GCMSCT	**Method:**	SW846 8270E

Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT	IS 4 AREA	IS 4 RT	IS 5 AREA	IS 5 RT	IS 6 AREA	IS 6 RT

IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Initial Cal is: ECT266-ICC266 CT5236.D 02/15/24 12:11
(b) Check Std Limit = -50 to + 100% of initial cal area.
(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.
(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.
(e) Internal standard failing low.

Internal Standard Area Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Check Std:	ECT272-CC266	**Injection Date:**	02/21/24
Lab File ID:	CT5357.D	**Injection Time:**	09:32
Instrument ID:	GCMSCT	**Method:**	SW846 8270E

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Initial Cal [a]	434765	3.20	1631106	3.89	910901	4.97	1608097	6.25	1083061	9.20	1170183	10.80
Check Std [b]	500457	3.17	1925805	3.86	1032047	4.92	1797679	6.19	1181499	9.14	1346731	10.74
Upper Limit [c]	1000914	3.34	3851610	4.03	2064094	5.09	3595358	6.36	2362998	9.31	2693462	10.91
Lower Limit [d]	250229	3.00	962903	3.69	516024	4.75	898840	6.02	590750	8.97	673366	10.57

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
ZZZZZZ	626313	3.16	2275652	3.85	1179314	4.93	1975791	6.19	1353416	9.14	1437585	10.75
OP51638-MB2	667364	3.16	2437577	3.85	1289212	4.92	2113583	6.19	1466691	9.13	1481555	10.74
OP52522-BS1	595946	3.17	2170587	3.85	1129161	4.92	1928766	6.19	1367675	9.14	1541133	10.74
OP52598-MB1	504335	3.16	1897556	3.85	994937	4.92	1718707	6.19	1277470	9.13	1297795	10.74
OP52598-BS1	468959	3.16	1744735	3.85	911021	4.92	1594801	6.19	1122450	9.14	1319471	10.74
OP52598-BSD	458751	3.17	1701038	3.85	879968	4.92	1537439	6.19	1084088	9.14	1263654	10.74
ZZZZZZ	476393	3.17	1953209	3.85	899940	4.93	1572575	6.19	1191494	9.14	1325108	10.74
JD82331-5	453797	3.17	611145*	3.86	756258	4.94	1462868	6.19	1172701	9.14	1289575	10.74
ZZZZZZ	474035	3.17	1920849	3.86	859745	4.93	1566200	6.19	1192838	9.14	1281483	10.74
ZZZZZZ	610*	3.16	2351*	3.85	0*	0.00*	696*	6.18	3171*	9.13	2804*	10.73
ZZZZZZ	479252	3.17	1766951	3.85	944821	4.92	1625584	6.19	1227057	9.13	1279219	10.74
OP52598-MS	474667	3.17	756372*	3.86	861192	4.94	1613081	6.19	1243886	9.14	1368510	10.74
OP52598-MSD	482150	3.17	619221*	3.86	795620	4.94	1569739	6.20	1238440	9.14	1336058	10.74
ZZZZZZ	530425	3.17	1963118	3.85	1066189	4.92	1865175	6.19	1354235	9.13	1439824	10.74
ZZZZZZ	511648	3.16	1945019	3.85	1031127	4.92	1831339	6.19	1330696	9.13	1421859	10.74
JD82444-9	520356	3.16	1920076	3.85	945121	4.92	1735499	6.19	1337009	9.13	1182902	10.74
JD82517-7	533888	3.17	2023414	3.85	1114457	4.92	1932613	6.19	1395566	9.13	1465750	10.74
JD82517-10	548373	3.16	2022590	3.85	1055113	4.92	1832378	6.19	1318017	9.13	1361525	10.74
ZZZZZZ	493357	3.17	2376265	3.86	965673	4.92	1729624	6.19	1241537	9.13	1318307	10.74
ZZZZZZ	0*	0.00*	0*	0.00*	0*	0.00*						
ZZZZZZ	513698	3.16	1905030	3.85	1026749	4.92	1768085	6.19	1358947	9.13	1419152	10.74
ZZZZZZ	525459	3.16	1953104	3.85	1031647	4.92	1789581	6.19	1301104	9.13	1376146	10.74
ZZZZZZ	562674	3.16	2059904	3.85	1069418	4.92	1835225	6.19	1411992	9.13	1406489	10.74
JD82517-4	446249	3.16	1721905	3.85	966396	4.92	1705798	6.19	1258187	9.13	1390218	10.74
JD82517-6 [e]	442952	3.16	1770730	3.85	985521	4.92	1729595	6.19	1330577	9.13	1490724	10.74
JD82517-5	476733	3.16	1792067	3.85	967311	4.92	1692692	6.19	1283109	9.13	1417096	10.74
ZZZZZZ	451551	3.16	1713076	3.85	940337	4.92	1655826	6.19	1262029	9.13	1376161	10.74
ZZZZZZ	499942	3.16	1838902	3.85	967613	4.92	1690718	6.18	1288699	9.13	1409699	10.74
JD82517-3	497602	3.16	1830080	3.85	972168	4.92	1667540	6.19	1265300	9.13	1402412	10.74
ZZZZZZ	471275	3.16	1868726	3.85	872326	4.93	1547879	6.19	1215328	9.14	1326748	10.74

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8

Internal Standard Area Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Check Std:	ECT272-CC266	**Injection Date:**	02/21/24
Lab File ID:	CT5357.D	**Injection Time:**	09:32
Instrument ID:	GCMSCT	**Method:**	SW846 8270E

Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT	IS 4 AREA	IS 4 RT	IS 5 AREA	IS 5 RT	IS 6 AREA	IS 6 RT

IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Initial Cal is: ECT266-ICC266 CT5236.D 02/15/24 12:11
(b) Check Std Limit = -50 to + 100% of initial cal area.
(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.
(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.
(e) Dilution required due to matrix interference.

Internal Standard Area Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Check Std:	EF9714-CC9690	**Injection Date:**	02/20/24
Lab File ID:	F219057.D	**Injection Time:**	09:26
Instrument ID:	GCMSF	**Method:**	SW846 8270E

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Initial Cal [a]	81262	4.87	313157	5.76	169050	7.24	305287	9.22	281176	14.59	321011	17.64
Check Std [b]	83568	4.84	321400	5.74	183614	7.21	309224	9.17	249662	14.53	248449	17.59
Upper Limit [c]	167136	5.01	642800	5.91	367228	7.38	618448	9.34	499324	14.70	496898	17.76
Lower Limit [d]	41784	4.67	160700	5.57	91807	7.04	154612	9.00	124831	14.36	124225	17.42

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP52499-MB1	78883	4.84	303791	5.74	174736	7.21	307802	9.17	244707	14.52	248175	17.59
OP52499-BS1	78843	4.84	298443	5.74	175064	7.20	301170	9.17	242564	14.53	241498	17.59
ZZZZZZ	71019	4.84	274358	5.74	158728	7.20	272878	9.17	211946	14.52	219388	17.58
ZZZZZZ	76580	4.84	294553	5.74	172290	7.20	300907	9.17	234675	14.52	239162	17.58
JD82556-3	79097	4.84	302447	5.74	172702	7.21	303144	9.17	240958	14.52	243599	17.58
ZZZZZZ	72706	4.84	275772	5.74	156982	7.20	262895	9.16	203556	14.52	208729	17.58
ZZZZZZ	72094	4.84	271050	5.74	159328	7.20	277327	9.17	215364	14.52	213635	17.58
ZZZZZZ	71325	4.84	271720	5.75	152582	7.21	259677	9.17	202510	14.52	206659	17.59
ZZZZZZ	77211	4.84	296197	5.74	170479	7.21	289861	9.17	239127	14.55	246168	17.60
OP52499-MS	77147	4.84	298566	5.75	166831	7.21	276003	9.17	213478	14.53	204598	17.59
OP52499-MSD	78471	4.84	308573	5.76	177233	7.21	296272	9.17	219301	14.52	214934	17.59
OP52524-MB1	76680	4.84	293275	5.74	172438	7.20	304769	9.16	245530	14.52	244795	17.58
OP52524-BS1	77096	4.84	295056	5.74	174220	7.20	293656	9.17	232507	14.52	221966	17.58
OP52532-BS1	75164	4.84	285601	5.74	160707	7.21	263716	9.17	208674	14.52	207922	17.58
ZZZZZZ	66310	4.84	345828	5.74	146444	7.21	256907	9.17	210402	14.52	207469	17.58
ZZZZZZ	78464	4.84	500173	5.75	173233	7.20	305324	9.17	240634	14.52	252006	17.58
OP52499-MS2	76379	4.84	297565	5.74	170896	7.21	295083	9.17	236771	14.52	234831	17.59
OP52499-MSD2	86803	4.84	334005	5.74	185071	7.20	312584	9.17	251725	14.52	247718	17.58
JD82517-1	80432	4.84	306508	5.74	180622	7.20	312953	9.17	248576	14.52	251451	17.58
JD82517-2	83614	4.84	318474	5.74	186299	7.20	319148	9.16	254611	14.52	254548	17.58
JD82517-3	88637	4.84	339135	5.76	200289	7.20	344074	9.17	273160	14.52	280254	17.58
JD82517-4	83575	4.84	315954	5.74	183702	7.20	314710	9.17	253042	14.52	260940	17.58
JD82517-5	79875	4.84	301754	5.74	177991	7.20	309837	9.17	246533	14.52	246756	17.58

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Initial Cal is: EF9690-ICC9690 F218579.D 01/24/24 11:46
(b) Check Std Limit = -50 to + 100% of initial cal area.

Internal Standard Area Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Check Std:	EF9714-CC9690	**Injection Date:**	02/20/24
Lab File ID:	F219057.D	**Injection Time:**	09:26
Instrument ID:	GCMSF	**Method:**	SW846 8270E

Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT	IS 4 AREA	IS 4 RT	IS 5 AREA	IS 5 RT	IS 6 AREA	IS 6 RT

(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.
(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.

Surrogate Recovery Summary

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Method: SW846 8270E **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
JD82517-1	F219079.D	70	51	28
JD82517-2	F219080.D	83	63	41
JD82517-3	CT5392.D	88	81	28
JD82517-3	F219081.D	88	61	25
JD82517-4	CT5387.D	71	70	36
JD82517-4	F219082.D	67	53	33
JD82517-5	CT5389.D	84	81	42
JD82517-5	F219083.D	85	63	39
JD82517-6	CT5388.D	70	66	37
JD82517-7	CT5379.D	77	69	41
JD82517-7	CT5342.D	71	60	35
JD82517-8	CT5343.D	65	58	44
JD82517-9	CT5344A.D	69	64	43
JD82517-10	CT5380.D	82	75	43
JD82517-10	CT5345.D	95	61	40
OP52499-BS1	F219062AB.D	52	35	51
OP52499-MB1	F219061.D	84	60	61
OP52499-MS	F219070.D	73	57	34
OP52499-MSD	F219071.D	78	60	37

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	28-118%
S2 = 2-Fluorobiphenyl	34-116%
S3 = Terphenyl-d14	10-127%

Initial Calibration Summary

Job Number: JD82517 **Sample:** ECT266-ICC266
Account: EAENYES EA Engineering **Lab FileID:** CT5236.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Response Factor Report GCMS_CT

Method : D:\MassHunter\GC...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration

Calibration Files
2 =ct5240.D 5 =ct5241.D 25 =ct5243.D 80 =ct5244.D
100 =ct5245.D 50 =ct5236.D 1 =ct5239.D 10 =ct5242.D

Compound	2	5	25	80	100	50	1	10	Avg %RSD
1) I 1,4-Dichlorobenzene-d	ISTD								
2) 1,4-Dioxane	0.573	0.643	0.647	0.642	0.611	0.672	0.498	0.696	0.623	10.01
3) Pyridine	1.588	1.791	1.778	1.733	1.676	1.853	1.445	1.840	1.713	8.11
4) N-Nitrosodim	0.807	0.928	0.911	0.889	0.843	0.946	0.750	0.939	0.877	8.04
5) 2-Fluorophen	1.336	1.498	1.464	1.401	1.350	1.523	1.228	1.530	1.416	7.54
6) Indene	2.584	2.785	2.437	1.804	1.614	2.198	2.326	2.769	2.315	18.47
7) Cumene	2.988	3.276	3.049	2.678	2.517	2.990	2.809	3.301	2.951	9.27
8) Phenol-d5	1.719	1.923	1.775	1.552	1.461	1.733	1.563	1.921	1.706	9.99
9) Phenol	1.811	1.982	1.893	1.636	1.528	1.824	1.622	2.053	1.794	10.30
10) Aniline	2.285	2.526	2.485	2.223	2.115	2.442	2.035	2.563	2.334	8.50
11) bis(2-Chloro	1.588	1.633	1.467	1.288	1.218	1.435	1.417	1.643	1.461	10.67
12) 2-Chlorophen	1.489	1.614	1.434	1.205	1.149	1.374	1.323	1.602	1.399	12.19
13) Decane	2.221	2.405	2.010	1.478		1.799	2.046	2.351	2.045	15.95
14) 1,3-Dichloro	1.627	1.751	1.624	1.382	1.297	1.587	1.450	1.755	1.559	10.74
15) 1,4-Dichloro	1.609	1.757	1.592	1.373	1.263	1.560	1.500	1.729	1.548	10.82
16) Benzyl alcoh	0.953	1.073	1.033	0.918	0.865	1.027	0.814	1.107	0.974	10.61
17) 1,2-Dichloro	1.592	1.680	1.561	1.320	1.228	1.509	1.405	1.684	1.497	11.12
18) Acetophenone	2.209	2.381	2.096	1.488	1.329	1.842	1.998	2.387	1.966	19.94
19) 2-Methylphen	1.406	1.535	1.373	1.120	1.021	1.316	1.316	1.540	1.328	13.76
20) 2,2'-oxybis(	0.454	0.487	0.416	0.309	0.277	0.373	0.433	0.476	0.403	19.18
21) 3&4-Methylph	1.448	1.552	1.283	0.980	0.920	1.147	1.303	1.505	1.267	18.63
22) n-Nitroso-di	1.030	1.136	0.923	0.816	0.760	0.873	0.934	1.094	0.946	13.97
23) Hexachloroet	0.491	0.546	0.509	0.444	0.423	0.511	0.434	0.546	0.488	9.99
24) I Naphthalene-d8	ISTD								
25) Nitrobenzene	0.420	0.451	0.425	0.369	0.354	0.425	0.357	0.455	0.407	10.09
26) Nitrobenzene	0.427	0.469	0.430	0.361	0.342	0.423	0.387	0.467	0.413	11.20
27) Quinoline	0.774	0.854	0.763	0.657	0.632	0.758	0.714	0.830	0.747	10.35
28) Isophorone	0.758	0.845	0.759	0.656	0.633	0.747	0.684	0.824	0.738	10.27
29) 2-Nitropheno	0.186	0.215	0.195	0.156	0.144	0.189	0.164	0.209	0.182	13.87
30) 2,4-Dimethyl	0.413	0.446	0.405	0.333	0.317	0.393	0.377	0.443	0.391	12.02
31) Benzoic acid	0.210	0.288	0.324	0.331	0.323	0.356		0.320	0.307	15.43
32) bis(2-Chloro	0.498	0.534	0.467	0.393	0.368	0.458	0.445	0.530	0.462	12.96
33) 2,4-Dichloro	0.301	0.335	0.313	0.265	0.249	0.310	0.276	0.335	0.298	10.68
34) 2,6-Dichloro	0.314	0.337	0.288	0.224	0.209	0.272	0.273	0.325	0.280	16.39
35) 1,3,5-Trichl	0.338	0.372	0.316	0.254	0.237	0.309	0.314	0.358	0.312	15.07
36) 1,2,4-Trichl	0.325	0.351	0.311	0.263	0.249	0.312	0.302	0.349	0.308	11.95
37) 1,2,3-Trichl	0.320	0.343	0.309	0.255	0.237	0.304	0.289	0.341	0.300	12.66
38) Naphthalene	1.165	1.243	1.085	0.842	0.770	1.024	1.079	1.229	1.055	16.31
39) 4-Chloroanil	0.492	0.546	0.458	0.346	0.316	0.427	0.457	0.526	0.446	18.23
40) 2,3-Dichloro	0.366	0.398	0.354	0.278	0.258	0.335	0.340	0.392	0.340	14.76
41) Hydroquinone	0.374	0.430	0.401	0.329	0.307	0.396	0.339	0.434	0.376	12.57
42) Hexachlorobu	0.168	0.181	0.163	0.134	0.126	0.162	0.157	0.180	0.159	12.46
43) 4-Chloro-3-m	0.335	0.380	0.349	0.297	0.278	0.343	0.305	0.377	0.333	11.11
44) 2-Methylnaph	0.661	0.723	0.637	0.504	0.464	0.602	0.619	0.714	0.615	14.95
45) 1-Methylnaph	0.682	0.735	0.658	0.527	0.488	0.628	0.623	0.720	0.633	13.77

Initial Calibration Summary

Job Number: JD82517 **Sample:** ECT266-ICC266
Account: EAENYES EA Engineering **Lab FileID:** CT5236.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

46) I Acenaphthene-d10 ----------ISTD----------
47) Hexachlorocy 0.176 0.239 0.284 0.241 0.230 0.280 0.274 0.246 15.42
48) 1,2,4,5-tetr 0.570 0.603 0.544 0.430 0.398 0.502 0.515 0.586 0.519 14.14
49) 2,4,6-Trichl 0.361 0.413 0.376 0.296 0.267 0.339 0.317 0.402 0.346 14.79
50) 2,4,5-Trichl 0.404 0.446 0.421 0.349 0.326 0.405 0.354 0.438 0.393 11.28
51) 2-Fluorobiph 1.467 1.584 1.375 1.077 0.995 1.282 1.289 1.522 1.324 15.70
52) 2-Chloronaph 1.272 1.388 1.222 0.975 0.917 1.140 1.160 1.331 1.176 13.99
53) Biphenyl 1.673 1.830 1.593 1.227 1.124 1.451 1.476 1.753 1.516 16.32
54) 2-Nitroanili 0.448 0.506 0.476 0.414 0.392 0.454 0.394 0.489 0.447 9.68
55) Dimethylphth 1.461 1.581 1.423 1.188 1.119 1.358 1.296 1.530 1.369 11.81
56) Acenaphthyle 1.947 2.143 1.943 1.547 1.442 1.819 1.688 2.082 1.826 13.71
57) 2,6-Dinitrot 0.260 0.308 0.318 0.283 0.270 0.318 0.219 0.322 0.287 12.70
58) 3-Nitroanili 0.389 0.422 0.410 0.368 0.345 0.403 0.316 0.415 0.384 9.80
59) Acenaphthene 1.357 1.457 1.288 1.018 0.946 1.179 1.227 1.410 1.235 14.72
60) 2,4-Dinitrop 0.080 0.127 0.179 0.174 0.168 0.190 0.154 0.153 24.86
---- Quadratic regression ---- Coefficient = 0.9987
Response Ratio = -0.01458 + 0.20093 *A + -0.00563 *A^2

61) 4-Nitropheno 0.163 0.199 0.214 0.203 0.193 0.220 0.137 0.211 0.192 14.72
62) Dibenzofuran 1.821 1.969 1.693 1.261 1.157 1.526 1.646 1.906 1.622 18.08
63) 2,4-Dinitrot 0.386 0.444 0.414 0.327 0.300 0.387 0.307 0.439 0.375 15.35
64) 2,3,4,6-Tetr 0.288 0.336 0.318 0.270 0.257 0.309 0.252 0.333 0.295 11.29
65) Diethylphtha 1.475 1.616 1.486 1.225 1.152 1.409 1.332 1.564 1.407 11.49
66) Fluorene 1.425 1.567 1.341 1.022 0.935 1.207 1.265 1.475 1.280 17.12
67) 4-Chlorophen 0.633 0.676 0.574 0.443 0.407 0.523 0.548 0.634 0.555 17.08
68) 4-Nitroanili 0.318 0.394 0.390 0.367 0.347 0.399 0.279 0.387 0.360 11.91

69) I Phenanthrene-d10 ----------ISTD----------
70) 4,6-Dinitro- 0.103 0.131 0.123 0.115 0.137 0.117 0.121 10.02
71) n-Nitrosodip 0.727 0.759 0.669 0.549 0.511 0.637 0.647 0.728 0.653 13.42
72) 1,2-Diphenyl 0.870 0.980 0.903 0.726 0.673 0.840 0.758 0.952 0.838 13.12
73) pentachloron 0.031 0.037 0.035 0.028 0.027 0.033 0.027 0.036 0.032# 13.06
74) 2,4,6-Tribro 0.115 0.116 0.103 0.091 0.086 0.104 0.093 0.105 0.101 10.72
75) 4-Bromopheny 0.191 0.206 0.192 0.162 0.150 0.185 0.172 0.199 0.182 10.52
76) Hexachlorobe 0.220 0.240 0.214 0.180 0.169 0.207 0.194 0.231 0.207 11.89
77) Pentachlorop 0.095 0.125 0.123 0.101 0.093 0.116 0.079 0.124 0.107 16.31
78) Phenanthrene 1.182 1.254 1.125 0.904 0.829 1.052 1.091 1.215 1.082 13.79
79) Anthracene 1.174 1.274 1.162 0.924 0.854 1.087 1.054 1.235 1.095 13.45
80) Carbazole 1.107 1.201 1.130 0.930 0.868 1.075 0.945 1.185 1.055 11.85
81) Di-n-butylph 1.252 1.430 1.413 1.149 1.080 1.358 1.080 1.454 1.277 12.37
82) Fluoranthene 1.161 1.269 1.182 0.964 0.900 1.115 1.046 1.245 1.110 11.82
83) Octadecane 0.741 0.843 0.786 0.596 0.547 0.715 0.637 0.831 0.712 15.37

84) I Chrysene-d12 ----------ISTD----------
85) benzidine 0.964 1.067 1.081 1.042 1.159 0.956 1.045 7.33
86) Pyrene 1.586 1.749 1.690 1.594 1.522 1.729 1.403 1.690 1.620 7.26
87) Terphenyl-d1 1.048 1.188 1.167 1.093 1.038 1.194 0.951 1.166 1.106 7.95
88) Butylbenzylp 0.605 0.763 0.852 0.839 0.820 0.913 0.799 0.799 12.17
89) Benzo[a]anth 1.316 1.442 1.378 1.251 1.174 1.356 1.222 1.395 1.317 7.08
90) 3,3'-Dichlor 0.460 0.511 0.505 0.435 0.410 0.486 0.398 0.504 0.464 9.66
91) Chrysene 1.369 1.556 1.413 1.258 1.212 1.405 1.245 1.442 1.363 8.57
92) bis(2-Ethylh 0.880 1.088 1.210 1.147 1.105 1.252 1.138 1.117 10.68

93) I Perylene-d12 ----------ISTD----------
94) Di-n-octylph 1.371 1.690 1.986 1.656 1.529 1.921 1.859 1.716 12.88
95) Benzo[b]fluo 1.253 1.350 1.292 1.123 0.986 1.193 1.124 1.316 1.205 10.16
96) Benzo[k]fluo 1.242 1.422 1.322 0.976 0.951 1.203 1.073 1.434 1.203 15.67
97) Benzo[a]pyre 1.049 1.156 1.163 1.011 0.939 1.133 0.921 1.166 1.067 9.54
98) Indeno[1,2,3 1.226 1.318 1.412 1.287 1.232 1.412 1.202 1.348 1.305 6.31

Initial Calibration Summary

Job Number: JD82517 **Sample:** ECT266-ICC266
Account: EAENYES EA Engineering **Lab FileID:** CT5236.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

```
 99) Dibenz(a,h)a 0.812 0.891 0.958 0.887 0.857 0.989 0.774 0.895 0.883   7.97
100) Dibenz[a,h]a 0.967 1.080 1.125 1.009 0.946 1.138 0.964 1.078 1.038   7.35
101) 7,12-Dimethy 0.532 0.589 0.556 0.446 0.419 0.511 0.458 0.588 0.512  12.77
102) Benzo[g,h,i] 0.942 1.009 1.074 1.026 0.973 1.107 1.199 1.009 1.042   7.87


 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           mct266.m          Fri Feb 16 09:48:38 2024
```

Initial Calibration Verification

Job Number: JD82517 **Sample:** ECT266-ICV266
Account: EAENYES EA Engineering **Lab FileID:** CT5246.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : D:\MassHunter\GCMS\1\data\Ect265\ct5246.D Vial: 10
Acq On : 15 Feb 2024 02:42 pm Operator: jackleey
Sample : icv266-50 Inst : GCMS_CT
Misc : op51652,ect266,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : D:\MassHunter\GC...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Feb 16 09:39:31 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00	3.20
2	t	1,4-Dioxane	0.623	0.675	-8.3	100	0.00	1.70
6	t	Indene	2.315	2.251	2.8	102	0.00	3.34
7	t	Cumene	2.951	3.286	-11.4	110	0.00	2.79
11	t	bis(2-Chloroethyl)ether	1.461	1.517	-3.8	105	0.00	3.06
13	t	Decane	2.045	2.067	-1.1	115	0.00	3.09
14	t	1,3-Dichlorobenzene	1.559	1.652	-6.0	104	0.00	3.18
15	t	1,4-Dichlorobenzene	1.548	1.601	-3.4	102	0.00	3.21
16	t	Benzyl alcohol	0.974	1.058	-8.6	103	0.00	3.28
17	t	1,2-Dichlorobenzene	1.497	1.566	-4.6	104	0.00	3.29
18	t	Acetophenone	1.966	2.147	-9.2	116	0.00	3.42
20	t	2,2'-oxybis(1-Chloropropa	0.403	0.401	0.5	107	0.00	3.34
23	t	Hexachloroethane	0.488	0.525	-7.6	102	0.00	3.47
24	I	Naphthalene-d8	1.000	1.000	0.0	101	0.00	3.89
26	t	Nitrobenzene	0.413	0.437	-5.8	104	0.00	3.51
27	t	Quinoline	0.747	0.723	3.2	96	-0.01	4.09
28	t	Isophorone	0.738	0.760	-3.0	102	0.00	3.64
32	t	bis(2-Chloroethoxy)methan	0.462	0.473	-2.4	104	0.00	3.75
35		1,3,5-Trichlorobenzene	0.312	0.331	-6.1	108	0.00	3.68
36	t	1,2,4-Trichlorobenzene	0.308	0.322	-4.5	104	0.00	3.85
37		1,2,3-Trichlorobenzene	0.300	0.308	-2.7	102	0.00	3.98
38	t	Naphthalene	1.055	1.050	0.5	103	0.00	3.90
40	t	2,3-Dichloroaniline	0.340	0.358	-5.3	107	0.00	4.46
42	t	Hexachlorobutadiene	0.159	0.161	-1.3	100	0.00	3.96
44	t	2-Methylnaphthalene	0.615	0.603	2.0	101	0.00	4.29
45	t	1-Methylnaphthalene	0.633	0.637	-0.6	102	0.00	4.35
46	I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00	4.97
47	t	Hexachlorocyclopentadiene	0.246	0.227	7.7	78	0.00	4.37
48		1,2,4,5-tetrachlorobenzen	0.519	0.543	-4.6	104	0.00	4.39

Initial Calibration Verification

Job Number: JD82517 **Sample:** ECT266-ICV266
Account: EAENYES EA Engineering **Lab FileID:** CT5246.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

52	t	2-Chloronaphthalene	1.176	1.226	-4.3	104	0.00	4.59
53	t	Biphenyl	1.516	1.560	-2.9	104	0.00	4.58
55	t	Dimethylphthalate	1.369	1.450	-5.9	103	0.00	4.77
56	t	Acenaphthylene	1.826	1.685	7.7	89	0.00	4.88
57	t	2,6-Dinitrotoluene	0.287	0.339	-18.1	103	0.00	4.83
59	t	Acenaphthene	1.235	1.314	-6.4	108	0.00	5.00
62	t	Dibenzofuran	1.622	1.638	-1.0	104	0.00	5.13
63	t	2,4-Dinitrotoluene	0.375	0.403	-7.5	100	0.00	5.12
65	t	Diethylphthalate	1.407	1.492	-6.0	102	0.00	5.29
66	t	Fluorene	1.280	1.305	-2.0	104	0.00	5.40
67	t	4-Chlorophenyl-phenylethe	0.555	0.553	0.4	102	0.00	5.39
69	I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00	6.25
72	t	1,2-Diphenylhydrazine	0.838	0.885	-5.6	103	0.00	5.52
73		pentachloronitrobenzene	0.032	0.038#	-18.7	114	0.00	6.06
75	t	4-Bromophenyl-phenylether	0.182	0.192	-5.5	102	0.00	5.82
76	t	Hexachlorobenzene	0.207	0.218	-5.3	103	0.00	5.86
78	t	Phenanthrene	1.082	1.122	-3.7	105	0.00	6.27
79	t	Anthracene	1.095	1.133	-3.5	102	0.00	6.32
80	t	Carbazole	1.055	1.124	-6.5	103	0.00	6.49
81	t	Di-n-butylphthalate	1.277	1.409	-10.3	102	0.00	6.86
82	t	Fluoranthene	1.110	1.181	-6.4	104	0.00	7.52
83	t	Octadecane	0.712	0.736	-3.4	101	0.00	6.12
84	I	Chrysene-d12	1.000	1.000	0.0	103	0.00	9.20
86	t	Pyrene	1.620	1.723	-6.4	103	0.00	7.78
88	t	Butylbenzylphthalate	0.799	0.892	-11.6	101	0.00	8.58
89	t	Benzo[a]anthracene	1.317	1.461	-10.9	111	0.00	9.19
91	t	Chrysene	1.363	1.382	-1.4	102	0.00	9.23
92	t	bis(2-Ethylhexyl)phthalat	1.117	1.253	-12.2	103	0.00	9.27
93	I	Perylene-d12	1.000	1.000	0.0	102	0.00	10.80
94	t	Di-n-octylphthalate	1.716	1.989	-15.9	105	0.00	10.03
95	t	Benzo[b]fluoranthene	1.205	1.248	-3.6	106	0.00	10.41
96	t	Benzo[k]fluoranthene	1.203	1.190	1.1	101	0.00	10.43
97	t	Benzo[a]pyrene	1.067	1.098	-2.9	99	0.00	10.74
98	t	Indeno[1,2,3-cd]pyrene	1.305	1.332	-2.1	96	0.00	11.92
99	t	Dibenz(a,h)acridine	0.883	1.004	-13.7	103	0.00	11.66
100	t	Dibenz[a,h]anthracene	1.038	1.154	-11.2	103	0.00	11.94
101	t	7,12-Dimethylbenz(a)anthr	0.512	0.487	4.9	97	0.00	10.40
102	t	Benzo[g,h,i]perylene	1.042	1.174	-12.7	108	0.00	12.24

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ct5236.D mct266.m Fri Feb 16 09:48:55 2024

Initial Calibration Verification

Job Number: JD82517 **Sample:** ECT266-ICV266
Account: EAENYES EA Engineering **Lab FileID:** CT5247.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : D:\MassHunter\GCMS\1\data\Ect265\ct5247.D Vial: 11
Acq On : 15 Feb 2024 02:59 pm Operator: jackleey
Sample : icv266-50 Inst : GCMS_CT
Misc : op51652,ect266,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : D:\MassHunter\GC...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Feb 16 09:39:31 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	122	0.00	3.20
9	t	Phenol	1.794	1.636	8.8	109	0.00	3.01
12	t	2-Chlorophenol	1.399	1.304	6.8	115	0.00	3.10
19	t	2-Methylphenol	1.328	1.146	13.7	106	0.00	3.33
21	t	3&4-Methylphenol	1.267	1.087	14.2	115	0.00	3.41
24	I	Naphthalene-d8	1.000	1.000	0.0	120	0.00	3.89
29	t	2-Nitrophenol	0.182	0.181	0.5	115	0.00	3.68
30	t	2,4-Dimethylphenol	0.391	0.335	14.3	102	0.00	3.69
31	t	Benzoic acid	0.307	0.318	-3.6	107	0.00	3.77
33	t	2,4-Dichlorophenol	0.298	0.268	10.1	104	0.00	3.81
34	t	2,6-Dichlorophenol	0.280	0.264	5.7	116	0.00	3.94
41	t	Hydroquinone	0.376	0.409	-8.8	124	0.00	4.11
43	t	4-Chloro-3-methylphenol	0.333	0.303	9.0	106	0.00	4.19
46	I	Acenaphthene-d10	1.000	1.000	0.0	118	0.00	4.97
49	t	2,4,6-Trichlorophenol	0.346	0.330	4.6	114	0.00	4.46
50	t	2,4,5-Trichlorophenol	0.393	0.358	8.9	104	0.00	4.48
		----------	True	Calc.	% Drift	----------		
60	t	2,4-Dinitrophenol	100.000	93.363	6.6	105	0.00	5.03
		----------	AvgRF	CCRF	% Dev	----------		
61	t	4-Nitrophenol	0.192	0.196	-2.1	105	0.00	5.07
64		2,3,4,6-Tetrachlorophenol	0.295	0.274	7.1	104	0.00	5.21
69	I	Phenanthrene-d10	1.000	1.000	0.0	118	0.00	6.24
70	t	4,6-Dinitro-2-methylpheno	0.121	0.116	4.1	100	-0.01	5.44

Initial Calibration Verification

Job Number: JD82517 **Sample:** ECT266-ICV266
Account: EAENYES EA Engineering **Lab FileID:** CT5247.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

77	t	Pentachlorophenol	0.107	0.112	-4.7	113	0.00	6.05

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ct5236.D mct266.m Fri Feb 16 09:48:57 2024

Initial Calibration Verification

Job Number: JD82517 **Sample:** ECT266-ICV266
Account: EAENYES EA Engineering **Lab FileID:** CT5248.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : D:\MassHunter\GCMS\1\data\Ect265\ct5248.D Vial: 12
Acq On : 15 Feb 2024 03:23 pm Operator: jackleey
Sample : icv266-50 Inst : GCMS_CT
Misc : op51652,ect266,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : D:\MassHunter\GC...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Feb 16 09:39:31 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	127	0.00	3.20
3	t	Pyridine	1.713	1.523	11.1	104	0.00	1.88
4	t	N-Nitrosodimethylamine	0.877	0.870	0.8	117	0.00	1.87
10		Aniline	2.334	2.037	12.7	106	0.00	3.04
22	t	n-Nitroso-di-n-propylamin	0.946	0.900	4.9	131	0.00	3.41
24	I	Naphthalene-d8	1.000	1.000	0.0	124	0.00	3.89
39	t	4-Chloroaniline	0.446	0.421	5.6	122	0.00	3.94
46	I	Acenaphthene-d10	1.000	1.000	0.0	123	0.00	4.97
54	t	2-Nitroaniline	0.447	0.414	7.4	112	0.00	4.67
58	t	3-Nitroaniline	0.384	0.357	7.0	109	0.00	4.96
68	t	4-Nitroaniline	0.360	0.354	1.7	110	0.00	5.43
69	I	Phenanthrene-d10	1.000	1.000	0.0	124	0.00	6.25
71	t	n-Nitrosodiphenylamine	0.653	0.557	14.7	109	0.00	5.50
84	I	Chrysene-d12	1.000	1.000	0.0	134	0.00	9.20
85		benzidine	1.045	1.072	-2.6	124	0.00	7.72
90	t	3,3'-Dichlorobenzidine	0.464	0.461	0.6	127	0.00	9.19

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ct5236.D mct266.m Fri Feb 16 09:48:59 2024

Initial Calibration Summary

Job Number: JD82517 **Sample:** ECT267-ICC267
Account: EAENYES EA Engineering **Lab FileID:** CT5256.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Response Factor Report GCMS_CT

Method : D:\MassHunter\GC...methods\mct267.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Feb 16 13:44:42 2024
Response via : Initial Calibration

Calibration Files
2 =ct5252.D 5 =ct5253.D 25 =ct5255.D 80 =ct5257.D
100 =ct5258.D 50 =ct5256.D 1 =ct5251.D 10 =ct5254.D

Compound	2	5	25	80	100	50	1	10	Avg %RSD
103) 1,4-Dichlorobenzene-d	ISTD								
104) Benzaldehyde	1.038	1.026	1.272	1.103	1.057	1.165	0.997	1.242	1.113 9.28
105) Phenanthrene-d10a	ISTD								
106) Atrazine	0.064	0.071	0.093	0.085	0.084	0.089	0.067	0.089	0.080 14.07
107) I Naphthalene-d8a	ISTD								
108) Caprolactam	0.166	0.183	0.236	0.227	0.226	0.238		0.226	0.215 13.18
109) Phenanthrene-d10b	ISTD								
110) 1-chloroocta	0.370	0.400	0.516	0.451	0.417	0.484	0.332	0.514	0.435 15.53
111) o-terphenyl	0.408	0.408	0.488	0.407	0.389	0.441	0.398	0.500	0.430 9.87

(#) = Out of Range ### Number of calibration levels exceeded format ###

mct266.m Fri Feb 16 14:05:21 2024

Initial Calibration Verification

Job Number: JD82517 **Sample:** ECT267-ICV267
Account: EAENYES EA Engineering **Lab FileID:** CT5259.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : D:\MassHunter\GCMS\1\data\Ect267\ct5259.D Vial: 10
Acq On : 16 Feb 2024 01:42 pm Operator: jackleey
Sample : icv267-50 Inst : GCMS_CT
Misc : op51652,ect267,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : D:\MassHunter\GC...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Feb 16 13:44:42 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
103	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	140	0.00	3.20
104	Benzaldehyde	1.113	1.187	-6.6	143	0.00	2.98
105	Phenanthrene-d10a	1.000	1.000	0.0	135	0.00	6.24
106	Atrazine	0.080	0.092	-15.0	141	0.00	5.98
107 I	Naphthalene-d8a	1.000	1.000	0.0	136	0.00	3.89
108 T	Caprolactam	0.215	0.239	-11.2	137	0.00	4.14

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ct5256a.D mct266.m Fri Feb 16 14:05:46 2024

Continuing Calibration Summary

Job Number: JD82517 **Sample:** ECT271-CC266
Account: EAENYES EA Engineering **Lab FileID:** CT5318A.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton SVOA GCMS\...rose\ect271\ct5318a.D Vial: 2
Acq On : 20 Feb 2024 10:25 am Operator: karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op52522,ect271,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Wed Feb 21 09:16:30 2024
Response via : Multiple Level 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)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	-0.03	3.18
2	t	1,4-Dioxane	0.623	0.537	13.8	85	-0.04	1.66
3	t	Pyridine	1.713	1.424	16.9	81	-0.04	1.84
4	t	N-Nitrosodimethylamine	0.877	0.726	17.2	81	-0.04	1.83
5	S	2-Fluorophenol	1.416	1.263	10.8	88	-0.03	2.50
6	t	Indene	2.315	1.802	22.2#	87	-0.03	3.31
7	t	Cumene	2.951	2.750	6.8	97	-0.03	2.75
8	S	Phenol-d5	1.706	1.455	14.7	89	-0.03	2.98
9	t	Phenol	1.794	1.671	6.9	97	-0.02	2.99
10		Aniline	2.334	1.990	14.7	86	-0.03	3.00
11	t	bis(2-Chloroethyl)ether	1.461	1.204	17.6	89	-0.03	3.03
12	t	2-Chlorophenol	1.399	1.238	11.5	95	-0.03	3.07
13	t	Decane	2.045	1.546	24.4#	91	-0.03	3.06
14	t	1,3-Dichlorobenzene	1.559	1.406	9.8	94	-0.03	3.14
15	t	1,4-Dichlorobenzene	1.548	1.381	10.8	94	-0.03	3.18
16	t	Benzyl alcohol	0.974	0.865	11.2	89	-0.03	3.25
17	t	1,2-Dichlorobenzene	1.497	1.339	10.6	94	-0.03	3.26
18	t	Acetophenone	1.966	1.549	21.2#	89	-0.03	3.40
19	t	2-Methylphenol	1.328	1.061	20.1#	85	-0.02	3.30
20	t	2,2'-oxybis(1-Chloropropa	0.403	0.330	18.1	94	-0.03	3.31
21	t	3&4-Methylphenol	1.267	0.974	23.1#	90	-0.03	3.39
22	t	n-Nitroso-di-n-propylamin	0.946	0.739	21.9#	90	-0.03	3.38
23	t	Hexachloroethane	0.488	0.466	4.5	96	-0.03	3.44
24	I	Naphthalene-d8	1.000	1.000	0.0	105	-0.03	3.87
25	S	Nitrobenzene-d5	0.407	0.360	11.5	89	-0.03	3.48
26	t	Nitrobenzene	0.413	0.353	14.5	88	-0.03	3.49
27	t	Quinoline	0.747	0.641	14.2	89	-0.03	4.07
28	t	Isophorone	0.738	0.629	14.8	89	-0.03	3.61
29	t	2-Nitrophenol	0.182	0.172	5.5	96	-0.03	3.66
30	t	2,4-Dimethylphenol	0.391	0.340	13.0	91	-0.03	3.67
31	t	Benzoic acid	0.307	0.295	3.9	87	-0.03	3.75
32	t	bis(2-Chloroethoxy)methan	0.462	0.392	15.2	90	-0.03	3.72
33	t	2,4-Dichlorophenol	0.298	0.278	6.7	94	-0.03	3.79
34	t	2,6-Dichlorophenol	0.280	0.248	11.4	96	-0.03	3.91
35		1,3,5-Trichlorobenzene	0.312	0.283	9.3	96	-0.03	3.65
36	t	1,2,4-Trichlorobenzene	0.308	0.287	6.8	97	-0.03	3.83
37		1,2,3-Trichlorobenzene	0.300	0.276	8.0	95	-0.03	3.95
38	t	Naphthalene	1.055	0.916	13.2	94	-0.03	3.88
39	t	4-Chloroaniline	0.446	0.376	15.7	93	-0.03	3.91
40	t	2,3-Dichloroaniline	0.340	0.301	11.5	95	-0.03	4.44
41	t	Hydroquinone	0.376	0.343	8.8	91	-0.02	4.09

Continuing Calibration Summary

Job Number: JD82517 **Sample:** ECT271-CC266
Account: EAENYES EA Engineering **Lab FileID:** CT5318A.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

42	t	Hexachlorobutadiene	0.159	0.144	9.4	93	-0.03	3.92
43	t	4-Chloro-3-methylphenol	0.333	0.294	11.7	90	-0.03	4.17
44	t	2-Methylnaphthalene	0.615	0.526	14.5	92	-0.03	4.26
45	t	1-Methylnaphthalene	0.633	0.541	14.5	91	-0.03	4.32
46	I	Acenaphthene-d10	1.000	1.000	0.0	104	-0.03	4.94
47	t	Hexachlorocyclopentadiene	0.246	0.142	42.3#	53	-0.03	4.34
48		1,2,4,5-tetrachlorobenzen	0.519	0.472	9.1	98	-0.03	4.36
49	t	2,4,6-Trichlorophenol	0.346	0.313	9.5	96	-0.03	4.43
50	t	2,4,5-Trichlorophenol	0.393	0.366	6.9	94	-0.03	4.46
51	S	2-Fluorobiphenyl	1.324	1.177	11.1	96	-0.03	4.48
52	t	2-Chloronaphthalene	1.176	1.039	11.6	95	-0.03	4.57
53	t	Biphenyl	1.516	1.333	12.1	96	-0.03	4.55
54	t	2-Nitroaniline	0.447	0.375	16.1	86	-0.03	4.64
55	t	Dimethylphthalate	1.369	1.218	11.0	93	-0.03	4.74
56	t	Acenaphthylene	1.826	1.341	26.6#	77	-0.03	4.84
57	t	2,6-Dinitrotoluene	0.287	0.284	1.0	93	-0.03	4.80
58	t	3-Nitroaniline	0.384	0.346	9.9	90	-0.03	4.92
59	t	Acenaphthene	1.235	1.118	9.5	99	-0.03	4.97

			True	Calc.	% Drift			
60	t	2,4-Dinitrophenol	100.000	94.534	5.5	94	-0.03	5.01

			AvgRF	CCRF	% Dev			
61	t	4-Nitrophenol	0.192	0.172	10.4	82	-0.03	5.05
62	t	Dibenzofuran	1.622	1.413	12.9	96	-0.03	5.10
63	t	2,4-Dinitrotoluene	0.375	0.348	7.2	94	-0.03	5.10
64		2,3,4,6-Tetrachlorophenol	0.295	0.276	6.4	93	-0.03	5.19
65	t	Diethylphthalate	1.407	1.263	10.2	93	-0.04	5.26
66	t	Fluorene	1.280	1.140	10.9	98	-0.04	5.36
67	t	4-Chlorophenyl-phenylethe	0.555	0.498	10.3	99	-0.04	5.36
68	t	4-Nitroaniline	0.360	0.348	3.3	91	-0.03	5.41
69	I	Phenanthrene-d10	1.000	1.000	0.0	104	-0.04	6.20
70	t	4,6-Dinitro-2-methylpheno	0.121	0.123	-1.7	94	-0.03	5.42
71	t	n-Nitrosodiphenylamine	0.653	0.576	11.8	95	-0.04	5.46
72	t	1,2-Diphenylhydrazine	0.838	0.702	16.2	87	-0.04	5.49
73		pentachloronitrobenzene	0.032	0.031#	3.1	99	-0.04	6.02
74	S	2,4,6-Tribromophenol	0.101	0.095	5.9	96	-0.04	5.57
75	t	4-Bromophenyl-phenylether	0.182	0.169	7.1	95	-0.04	5.78
76	t	Hexachlorobenzene	0.207	0.192	7.2	97	-0.04	5.82
77	t	Pentachlorophenol	0.107	0.102	4.7	92	-0.04	6.02
78	t	Phenanthrene	1.082	0.962	11.1	95	-0.04	6.23
79	t	Anthracene	1.095	0.969	11.5	93	-0.04	6.28
80	t	Carbazole	1.055	0.963	8.7	94	-0.04	6.45
81	t	Di-n-butylphthalate	1.277	1.215	4.9	93	-0.05	6.81
82	t	Fluoranthene	1.110	1.021	8.0	96	-0.04	7.48
83	t	Octadecane	0.712	0.603	15.3	88	-0.04	6.07
84	I	Chrysene-d12	1.000	1.000	0.0	107	-0.05	9.16
85		benzidine	1.045	1.037	0.8	96	-0.04	7.67
86	t	Pyrene	1.620	1.525	5.9	95	-0.04	7.74
87	S	Terphenyl-d14	1.106	1.068	3.4	96	-0.04	7.94
88	t	Butylbenzylphthalate	0.799	0.791	1.0	93	-0.05	8.54
89	t	Benzo[a]anthracene	1.317	1.235	6.2	98	-0.05	9.14
90	t	3,3'-Dichlorobenzidine	0.464	0.467	-0.6	103	-0.04	9.14
91	t	Chrysene	1.363	1.227	10.0	94	-0.04	9.19
92	t	bis(2-Ethylhexyl)phthalat	1.117	1.117	0.0	96	-0.05	9.23
93	I	Perylene-d12	1.000	1.000	0.0	109	-0.04	10.75

Continuing Calibration Summary

Job Number: JD82517 **Sample:** ECT271-CC266
Account: EAENYES EA Engineering **Lab FileID:** CT5318A.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

94	t	Di-n-octylphthalate	1.716	1.744	-1.6	99	-0.05	9.98
95	t	Benzo[b]fluoranthene	1.205	1.133	6.0	104	-0.04	10.36
96	t	Benzo[k]fluoranthene	1.203	1.036	13.9	94	-0.04	10.39
97	t	Benzo[a]pyrene	1.067	0.975	8.6	94	-0.04	10.70
98	t	Indeno[1,2,3-cd]pyrene	1.305	1.175	10.0	91	-0.05	11.87
99	t	Dibenz(a,h)acridine	0.883	0.878	0.6	97	-0.05	11.62
100	t	Dibenz[a,h]anthracene	1.038	1.008	2.9	97	-0.05	11.89
101	t	7,12-Dimethylbenz(a)anthr	0.512	0.480	6.3	102	-0.04	10.35
102	t	Benzo[g,h,i]perylene	1.042	1.045	-0.3	103	-0.05	12.18

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ct5256a.D mct266.m Wed Feb 21 10:26:31 2024

6.7.7

Continuing Calibration Summary

Job Number: JD82517 **Sample:** ECT271-CC267
Account: EAENYES EA Engineering **Lab FileID:** CT5319A.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton SVOA GCMS\...rose\ect271\ct5319a.D Vial: 3
Acq On : 20 Feb 2024 10:45 am Operator: karimam
Sample : cc267-50 Inst : GCMS_CT
Misc : op52522,ect271,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Wed Feb 21 09:16:30 2024
Response via : Multiple Level 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)	R.T.
103	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	102	-0.03	3.18
104	Benzaldehyde	1.113	1.065	4.3	93	-0.03	2.96
105	Phenanthrene-d10a	1.000	1.000	0.0	100	-0.04	6.21
106	Atrazine	0.080	0.087	-8.7	98	-0.04	5.95
107 I	Naphthalene-d8a	1.000	1.000	0.0	100	-0.03	3.86
108 T	Caprolactam	0.215	0.193	10.2	81	-0.03	4.11
109	Phenanthrene-d10b	1.000	1.000	0.0	100	-0.04	6.21
110 s	1-chlorooctadecane	0.435	0.419	3.7	86	-0.05	7.37
111 s	o-terphenyl	0.430	0.434	-0.9	98	-0.05	6.59

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ct5256a.D mct266.m Wed Feb 21 10:26:33 2024

Continuing Calibration Summary

Job Number: JD82517 **Sample:** ECT271-CC266
Account: EAENYES EA Engineering **Lab FileID:** CT5321A.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Low Level Verification Report

Data File : X:\Dayton SVOA GCMS\...rose\ect271\ct5321a.D Vial: 4
Acq On : 20 Feb 2024 11:26 am Operator: karimam
Sample : cc266-1 Inst : GCMS_CT
Misc : op51652,ect271,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Wed Feb 21 09:16:30 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 100% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	143	-0.03	3.18
6	t	Indene	2.315	2.558	-10.5	157	-0.03	3.31
13	t	Decane	2.045	2.234	-9.2	156	-0.03	3.06
18	t	Acetophenone	1.966	2.248	-14.3	161	-0.03	3.39
19	t	2-Methylphenol	1.328	1.460	-9.9	159	-0.03	3.30
21	t	3&4-Methylphenol	1.267	1.500	-18.4	165	-0.03	3.38
22	t	n-Nitroso-di-n-propylamin	0.946	1.031	-9.0	158	-0.04	3.38
46	I	Acenaphthene-d10	1.000	1.000	0.0	136	-0.03	4.94
47	t	Hexachlorocyclopentadiene	0.246	0.031#	87.4	0#	-0.04	4.34
56	t	Acenaphthylene	1.826	1.764	3.4	142	-0.04	4.84

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ct5251a.D mct266.m Wed Feb 21 10:31:41 2024

Continuing Calibration Summary

Job Number: JD82517 **Sample:** ECT272-CC266
Account: EAENYES EA Engineering **Lab FileID:** CT5357.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton SVOA GCMS\...21-24\ect272\ct5357.D Vial: 2
Acq On : 21 Feb 2024 09:32 am Operator: karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Wed Feb 21 17:14:48 2024
Response via : Multiple Level 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)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00	3.17
2	t	1,4-Dioxane	0.623	0.523	16.1	90	0.00	1.64
3	t	Pyridine	1.713	1.472	14.1	91	0.00	1.83
4	t	N-Nitrosodimethylamine	0.877	0.769	12.3	94	0.00	1.81
5	S	2-Fluorophenol	1.416	1.374	3.0	104	0.00	2.49
6	t	Indene	2.315	1.743	24.7#	91	0.00	3.30
7	t	Cumene	2.951	2.866	2.9	110	0.00	2.74
8	S	Phenol-d5	1.706	1.567	8.1	104	0.00	2.97
9	t	Phenol	1.794	1.792	0.1	113	0.00	2.98
10		Aniline	2.334	1.770	24.2#	83	0.00	3.00
11	t	bis(2-Chloroethyl)ether	1.461	1.395	4.5	112	0.00	3.03
12	t	2-Chlorophenol	1.399	1.336	4.5	112	0.00	3.06
13	t	Decane	2.045	1.826	10.7	117	0.00	3.05
14	t	1,3-Dichlorobenzene	1.559	1.425	8.6	103	0.00	3.13
15	t	1,4-Dichlorobenzene	1.548	1.402	9.4	103	0.00	3.17
16	t	Benzyl alcohol	0.974	0.933	4.2	105	0.00	3.24
17	t	1,2-Dichlorobenzene	1.497	1.360	9.2	104	0.00	3.25
18	t	Acetophenone	1.966	1.486	24.4#	93	0.00	3.38
19	t	2-Methylphenol	1.328	1.005	24.3#	88	0.00	3.30
20	t	2,2'-oxybis(1-Chloropropa	0.403	0.331	17.9	102	0.00	3.30
21	t	3&4-Methylphenol	1.267	0.967	23.7#	97	0.00	3.38
22	t	n-Nitroso-di-n-propylamin	0.946	0.811	14.3	107	0.00	3.37
23	t	Hexachloroethane	0.488	0.462	5.3	104	0.00	3.43
24	I	Naphthalene-d8	1.000	1.000	0.0	118	0.00	3.86
25	S	Nitrobenzene-d5	0.407	0.382	6.1	106	0.00	3.46
26	t	Nitrobenzene	0.413	0.376	9.0	105	0.00	3.48
27	t	Quinoline	0.747	0.652	12.7	102	0.00	4.06
28	t	Isophorone	0.738	0.662	10.3	105	0.00	3.60
29	t	2-Nitrophenol	0.182	0.172	5.5	107	0.00	3.65
30	t	2,4-Dimethylphenol	0.391	0.345	11.8	104	0.00	3.66
31	t	Benzoic acid	0.307	0.275	10.4	91	0.00	3.74
32	t	bis(2-Chloroethoxy)methan	0.462	0.415	10.2	107	0.00	3.71
33	t	2,4-Dichlorophenol	0.298	0.271	9.1	103	0.00	3.78
34	t	2,6-Dichlorophenol	0.280	0.249	11.1	108	0.00	3.90
35		1,3,5-Trichlorobenzene	0.312	0.272	12.8	104	0.00	3.64
36	t	1,2,4-Trichlorobenzene	0.308	0.275	10.7	104	0.00	3.82
37		1,2,3-Trichlorobenzene	0.300	0.264	12.0	103	0.00	3.94
38	t	Naphthalene	1.055	0.912	13.6	105	0.00	3.87
39	t	4-Chloroaniline	0.446	0.310	30.5#	86	0.00	3.90
40	t	2,3-Dichloroaniline	0.340	0.285	16.2	100	0.00	4.43
41	t	Hydroquinone	0.376	0.392	-4.3	117	0.00	4.09

Continuing Calibration Summary

Job Number: JD82517 **Sample:** ECT272-CC266
Account: EAENYES EA Engineering **Lab FileID:** CT5357.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

42	t	Hexachlorobutadiene	0.159	0.133	16.4	97	0.00	3.91
43	t	4-Chloro-3-methylphenol	0.333	0.299	10.2	103	0.00	4.17
44	t	2-Methylnaphthalene	0.615	0.520	15.4	102	0.00	4.25
45	t	1-Methylnaphthalene	0.633	0.532	16.0	100	0.00	4.31
46	I	Acenaphthene-d10	1.000	1.000	0.0	113	0.00	4.92
47	t	Hexachlorocyclopentadiene	0.246	0.143	41.9#	58	0.00	4.33
48		1,2,4,5-tetrachlorobenzen	0.519	0.457	11.9	103	0.00	4.35
49	t	2,4,6-Trichlorophenol	0.346	0.313	9.5	105	0.00	4.42
50	t	2,4,5-Trichlorophenol	0.393	0.363	7.6	101	0.00	4.45
51	S	2-Fluorobiphenyl	1.324	1.159	12.5	102	0.00	4.47
52	t	2-Chloronaphthalene	1.176	1.041	11.5	103	0.00	4.56
53	t	Biphenyl	1.516	1.327	12.5	104	0.00	4.53
54	t	2-Nitroaniline	0.447	0.420	6.0	105	0.00	4.63
55	t	Dimethylphthalate	1.369	1.219	11.0	102	0.00	4.73
56	t	Acenaphthylene	1.826	1.353	25.9#	84	0.00	4.83
57	t	2,6-Dinitrotoluene	0.287	0.286	0.3	102	0.00	4.79
58	t	3-Nitroaniline	0.384	0.299	22.1#	84	0.00	4.91
59	t	Acenaphthene	1.235	1.113	9.9	107	0.00	4.95
		----------	True	Calc.	% Drift	----------		
60	t	2,4-Dinitrophenol	100.000	73.574	26.4#	80	0.00	4.99
		----------	AvgRF	CCRF	% Dev	----------		
61	t	4-Nitrophenol	0.192	0.208	-8.3	107	0.00	5.05
62	t	Dibenzofuran	1.622	1.370	15.5	102	0.00	5.08
63	t	2,4-Dinitrotoluene	0.375	0.348	7.2	102	0.00	5.09
64		2,3,4,6-Tetrachlorophenol	0.295	0.274	7.1	100	0.00	5.17
65	t	Diethylphthalate	1.407	1.275	9.4	103	0.00	5.25
66	t	Fluorene	1.280	1.134	11.4	107	0.00	5.35
67	t	4-Chlorophenyl-phenylethe	0.555	0.472	15.0	102	0.00	5.34
68	t	4-Nitroaniline	0.360	0.322	10.6	92	0.00	5.40
69	I	Phenanthrene-d10	1.000	1.000	0.0	112	0.00	6.19
70	t	4,6-Dinitro-2-methylpheno	0.121	0.109	9.9	89	0.00	5.41
71	t	n-Nitrosodiphenylamine	0.653	0.575	11.9	101	0.00	5.45
72	t	1,2-Diphenylhydrazine	0.838	0.778	7.2	104	0.00	5.48
73		pentachloronitrobenzene	0.032	0.029#	9.4	100	0.00	6.01
74	S	2,4,6-Tribromophenol	0.101	0.090	10.9	97	0.00	5.55
75	t	4-Bromophenyl-phenylether	0.182	0.161	11.5	97	0.00	5.76
76	t	Hexachlorobenzene	0.207	0.184	11.1	99	0.00	5.81
77	t	Pentachlorophenol	0.107	0.092	14.0	88	0.00	6.01
78	t	Phenanthrene	1.082	0.954	11.8	101	0.00	6.21
79	t	Anthracene	1.095	0.990	9.6	102	0.00	6.26
80	t	Carbazole	1.055	0.973	7.8	101	0.00	6.44
81	t	Di-n-butylphthalate	1.277	1.265	0.9	104	0.00	6.80
82	t	Fluoranthene	1.110	0.999	10.0	100	0.00	7.47
83	t	Octadecane	0.712	0.669	6.0	105	0.00	6.06
84	I	Chrysene-d12	1.000	1.000	0.0	109	0.00	9.14
85		benzidine	1.045	0.035#	96.7#	3#	0.00	7.66
86	t	Pyrene	1.620	1.596	1.5	101	0.00	7.72
87	S	Terphenyl-d14	1.106	1.103	0.3	101	0.00	7.92
88	t	Butylbenzylphthalate	0.799	0.813	-1.8	97	0.00	8.52
89	t	Benzo[a]anthracene	1.317	1.242	5.7	100	0.00	9.12
90	t	3,3'-Dichlorobenzidine	0.464	0.396	14.7	89	0.00	9.13
91	t	Chrysene	1.363	1.237	9.2	96	0.00	9.17
92	t	bis(2-Ethylhexyl)phthalat	1.117	1.166	-4.4	102	0.00	9.21
93	I	Perylene-d12	1.000	1.000	0.0	115	0.00	10.74

Continuing Calibration Summary

Job Number: JD82517 **Sample:** ECT272-CC266
Account: EAENYES EA Engineering **Lab FileID:** CT5357.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

94	t	Di-n-octylphthalate	1.716	1.726	-0.6	103	0.00	9.97
95	t	Benzo[b]fluoranthene	1.205	1.158	3.9	112	0.00	10.34
96	t	Benzo[k]fluoranthene	1.203	0.977	18.8	93	0.00	10.38
97	t	Benzo[a]pyrene	1.067	0.966	9.5	98	0.00	10.68
98	t	Indeno[1,2,3-cd]pyrene	1.305	1.204	7.7	98	0.00	11.85
99	t	Dibenz(a,h)acridine	0.883	0.884	-0.1	103	0.00	11.59
100	t	Dibenz[a,h]anthracene	1.038	1.034	0.4	105	0.00	11.87
101	t	7,12-Dimethylbenz(a)anthr	0.512	0.471	8.0	106	0.00	10.33
102	t	Benzo[g,h,i]perylene	1.042	1.118	-7.3	116	0.00	12.16

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ct5357.D mct266.m Wed Feb 21 17:16:03 2024

6.7.10

6

Continuing Calibration Summary

Job Number: JD82517 **Sample:** ECT272-CC267
Account: EAENYES EA Engineering **Lab FileID:** CT5358.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton SVOA GCMS\...21-24\ect272\ct5358.D Vial: 3
Acq On : 21 Feb 2024 09:50 am Operator: karimam
Sample : cc267-50 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Wed Feb 21 17:14:48 2024
Response via : Multiple Level 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)	R.T.
103	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	134	0.00	3.16
104	Benzaldehyde	1.113	1.119	-0.5	129	0.00	2.94
105	Phenanthrene-d10a	1.000	1.000	0.0	123	0.00	6.19
106	Atrazine	0.080	0.086	-7.5	118	0.00	5.93
107 I	Naphthalene-d8a	1.000	1.000	0.0	131	0.00	3.85
108 T	Caprolactam	0.215	0.224	-4.2	123	0.00	4.11
109	Phenanthrene-d10b	1.000	1.000	0.0	123	0.00	6.19
110 s	1-chlorooctadecane	0.435	0.480	-10.3	121	0.00	7.35
111 s	o-terphenyl	0.430	0.429	0.2	119	0.00	6.57

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ct5357.D mct266.m Wed Feb 21 17:16:06 2024

Continuing Calibration Summary

Job Number: JD82517 **Sample:** ECT272-CC266
Account: EAENYES EA Engineering **Lab FileID:** CT5359.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Low Level VerificationReport

Data File : X:\Dayton SVOA GCMS\...21-24\ect272\ct5359.D Vial: 4
Acq On : 21 Feb 2024 10:08 am Operator: karimam
Sample : cc266-1 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\mct266.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Wed Feb 21 17:14:48 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 100% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	172	0.00	3.17
6	t	Indene	2.315	2.968	-28.2	219#	0.00	3.30
10		Aniline	2.334	1.650	29.3	139	0.00	2.99
18	t	Acetophenone	1.966	2.621	-33.3	225#	0.00	3.38
19	t	2-Methylphenol	1.328	1.659	-24.9	216#	0.00	3.29
21	t	3&4-Methylphenol	1.267	1.739	-37.3	229#	0.00	3.38
24	I	Naphthalene-d8	1.000	1.000	0.0	165	0.00	3.85
39	t	4-Chloroaniline	0.446	0.319	28.5	115	0.00	3.90
46	I	Acenaphthene-d10	1.000	1.000	0.0	162	0.00	4.92
47	t	Hexachlorocyclopentadiene	0.246	0.057	76.8	0#	0.00	4.33
56	t	Acenaphthylene	1.826	1.808	1.0	173	0.00	4.83
58	t	3-Nitroaniline	0.384	0.286	25.5	146	0.00	4.91
		----------	True	Calc.	% Drift	----------		
60	t	2,4-Dinitrophenol	2.000	3.302	-65.1	0	0.00	4.99

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ct5251a.D mct266.m Wed Feb 21 17:22:10 2024

Initial Calibration Summary

Job Number: JD82517 **Sample:** EF9690-ICC9690
Account: EAENYES EA Engineering **Lab FileID:** F218579.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Response Factor Report GCMSF

Method : C:\MSDCHEM\1\METHODS\MF9690.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Thu Jan 25 10:43:47 2024
Response via : Initial Calibration

Calibration Files
2 =F218581.D 5 =F218582.D 25 =F218584.D 80 =F218585.D
100 =F218586.D 50 =F218579.D 10 =F218583.D 1 =F218580.D

Compound	2	5	25	80	100	50	10	1	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	ISTD									
2) 1,4-Dioxane	0.550	0.559	0.411	0.479	0.462	0.450	0.503	0.509	0.490	10.27
3) Pyridine	1.233	1.292	1.094	1.297	1.281	1.260	1.211	1.068	1.217	7.32
4) N-Nitrosodim	0.335	0.402	0.359	0.404	0.408	0.384	0.411		0.386	7.51
5) 2-Fluorophen	1.118	1.151	0.971	1.156	1.155	1.077	1.123	1.058	1.101	5.80
6) Indene	2.063	2.217	1.815	2.113	2.171	1.961	2.089	1.884	2.039	6.90
7) Cumene	2.579	2.752	2.244	2.622	2.642	2.458	2.619	2.630	2.568	5.99
8) Phenol-d5	1.224	1.326	1.142	1.372	1.379	1.276	1.299	1.313	1.291	6.08
9) Phenol	1.409	1.477	1.261	1.491	1.505	1.386	1.473	1.311	1.414	6.34
10) Aniline	1.789	1.864	1.562	1.810	1.841	1.747	1.758	1.603	1.747	6.25
11) bis(2-Chloro	1.088	1.166	0.974	1.124	1.142	1.074	1.100	1.006	1.084	6.07
12) 2-Chlorophen	1.209	1.269	1.112	1.294	1.307	1.201	1.286	1.222	1.237	5.24
13) Decane	1.059	1.110	0.929	1.050	1.077	1.003	1.086	1.086	1.050	5.55
14) 1,3-Dichloro	1.478	1.536	1.285	1.485	1.506	1.383	1.510	1.426	1.451	5.74
15) 1,4-Dichloro	1.505	1.610	1.332	1.529	1.541	1.421	1.537	1.566	1.505	5.87
16) Benzyl alcoh	0.718	0.751	0.666	0.815	0.832	0.766	0.822	0.662	0.754	9.01
17) 1,2-Dichloro	1.374	1.507	1.242	1.459	1.457	1.343	1.480	1.454	1.414	6.25
18) Acetophenone	1.702	1.770	1.517	1.759	1.821	1.672	1.745	1.705	1.712	5.34
19) 2-Methylphen	1.082	1.128	0.936	1.123	1.148	1.055	1.119	1.167	1.095	6.67
20) 2,2'-oxybis(	0.313	0.356	0.299	0.339	0.352	0.329	0.346	0.281	0.327	8.24
21) 3&4-Methylph	1.100	1.178	1.002	1.177	1.226	1.105	1.183	1.100	1.134	6.26
22) n-Nitroso-di	0.783	0.830	0.719	0.831	0.857	0.798	0.830	0.796	0.805	5.29
23) Hexachloroet	0.501	0.533	0.442	0.515	0.524	0.472	0.532	0.475	0.499	6.61
24) I Naphthalene-d8	ISTD									
25) Nitrobenzene	0.282	0.301	0.266	0.311	0.315	0.289	0.299	0.284	0.293	5.52
26) Nitrobenzene	0.279	0.305	0.272	0.316	0.320	0.300	0.319	0.302	0.302	5.91
27) Quinoline	0.586	0.631	0.543	0.638	0.651	0.599	0.638	0.623	0.614	5.82
28) Isophorone	0.550	0.572	0.497	0.572	0.579	0.538	0.569	0.540	0.552	4.94
29) 2-Nitropheno	0.114	0.131	0.126	0.163	0.171	0.145	0.131	0.128	0.139	14.10
30) 2,4-Dimethyl	0.285	0.325	0.279	0.320	0.325	0.298	0.324	0.307	0.308	6.07
31) Benzoic acid		0.125	0.136	0.191	0.206	0.190	0.149		0.166	20.33
----- Quadratic regression -----								Coefficient =		0.9966
Response Ratio = -0.00341 + 0.14769 *A + 0.02410 *A^2										
32) bis(2-Chloro	0.352	0.374	0.315	0.369	0.377	0.348	0.372	0.352	0.357	5.75
33) 2,4-Dichloro	0.256	0.270	0.241	0.287	0.290	0.257	0.272	0.241	0.264	7.06
34) 2,6-Dichloro	0.252	0.272	0.242	0.288	0.294	0.259	0.282	0.250	0.267	7.25
35) 1,3,5-Trichl	0.328	0.345	0.298	0.342	0.342	0.304	0.338	0.327	0.328	5.43
36) 1,2,4-Trichl	0.311	0.331	0.277	0.326	0.327	0.292	0.320	0.308	0.312	6.03
37) 1,2,3-Trichl	0.299	0.315	0.271	0.318	0.320	0.286	0.320	0.301	0.304	5.92
38) Naphthalene	1.042	1.060	0.876	0.998	1.016	0.937	1.038	1.054	1.003	6.42
39) 4-Chloroanil	0.384	0.406	0.364	0.431	0.441	0.401	0.414	0.356	0.400	7.56
40) 2,3-Dichloro	0.317	0.331	0.280	0.330	0.346	0.305	0.337	0.310	0.320	6.61
41) Hydroquinone										
42) Hexachlorobu	0.168	0.180	0.159	0.183	0.182	0.162	0.183	0.184	0.175	5.92

Initial Calibration Summary

Job Number: JD82517 **Sample:** EF9690-ICC9690
Account: EAENYES EA Engineering **Lab FileID:** F218579.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

43)	4-Chloro-3-m	0.225	0.246	0.217	0.258	0.265	0.236	0.253	0.233	0.242	6.87
44)	2-Methylnaph	0.578	0.606	0.509	0.590	0.600	0.535	0.613	0.575	0.576	6.30
45)	1-Methylnaph	0.584	0.639	0.545	0.617	0.622	0.565	0.614	0.623	0.601	5.44
46)	I Acenaphthene-d10	----------ISTD----------									
47)	Hexachlorocy	0.236	0.256	0.235	0.302	0.303	0.253	0.213	0.206	0.251	14.53
48)	1,2,4,5-tetr	0.584	0.594	0.501	0.600	0.609	0.532	0.588	0.562	0.571	6.56
49)	2,4,6-Trichl	0.303	0.352	0.306	0.374	0.389	0.332	0.342	0.292	0.336	10.33
50)	2,4,5-Trichl	0.318	0.374	0.350	0.406	0.417	0.368	0.382	0.376	0.374	8.26
51)	2-Fluorobiph	1.272	1.421	1.202	1.412	1.406	1.264	1.397	1.330	1.338	6.24
52)	2-Chloronaph	1.121	1.182	1.017	1.170	1.197	1.080	1.191	1.149	1.138	5.52
53)	Biphenyl	1.427	1.590	1.316	1.534	1.534	1.383	1.551	1.463	1.475	6.40
54)	2-Nitroanili	0.192	0.211	0.213	0.274	0.284	0.250	0.234	0.182	0.230	16.16
55)	Dimethylphth	1.189	1.291	1.116	1.315	1.327	1.173	1.315	1.221	1.244	6.38
56)	Acenaphthyle	1.414	1.425	1.301	1.524	1.533	1.296	1.475	1.306	1.409	6.99
57)	2,6-Dinitrot	0.160	0.213	0.204	0.267	0.275	0.234	0.209	0.167	0.216	19.36
58)	3-Nitroanili	0.206	0.239	0.249	0.323	0.326	0.286	0.269		0.271	16.24
59)	Acenaphthene	1.226	1.327	1.135	1.307	1.313	1.181	1.279	1.255	1.253	5.44
60)	2,4-Dinitrop	0.048	0.068	0.080	0.123	0.135	0.109	0.079		0.092	34.10
	----- Quadratic regression ----- Coefficient = 0.9992										
	Response Ratio = -0.00262 + 0.07434 *A + 0.01238 *A^2										
61)	4-Nitropheno	0.099	0.119	0.151	0.157	0.136	0.111		0.129		17.85
62)	Dibenzofuran	1.651	1.689	1.426	1.664	1.684	1.516	1.646	1.550	1.603	5.94
63)	2,4-Dinitrot	0.210	0.250	0.267	0.354	0.379	0.312	0.284	0.202	0.282	22.52
	----- Quadratic regression ----- Coefficient = 0.9996										
	Response Ratio = -0.00114 + 0.24820 *A + 0.05253 *A^2										
64)	2,3,4,6-Tetr	0.216	0.272	0.256	0.324	0.339	0.291	0.294	0.264	0.282	13.90
65)	Diethylphtha	1.216	1.265	1.115	1.326	1.334	1.193	1.291	1.209	1.244	5.98
66)	Fluorene	1.170	1.312	1.141	1.354	1.365	1.203	1.307	1.222	1.259	6.82
67)	4-Chlorophen	0.582	0.595	0.523	0.634	0.636	0.556	0.624	0.566	0.590	6.87
68)	4-Nitroanili	0.180	0.257	0.271	0.311	0.322	0.304	0.290		0.276	17.45
69)	I Phenanthrene-d10	----------ISTD----------									
70)	4,6-Dinitro-	0.047	0.057	0.085	0.090	0.074	0.056		0.068		25.94
	----- Quadratic regression ----- Coefficient = 0.9991										
	Response Ratio = -0.00135 + 0.05497 *A + 0.01471 *A^2										
71)	n-Nitrosodip	0.539	0.575	0.511	0.592	0.587	0.549	0.592	0.556	0.563	5.19
72)	1,2-Diphenyl	0.576	0.664	0.561	0.647	0.641	0.620	0.651	0.630	0.624	5.90
73)	2,4,6-Tribro	0.106	0.116	0.108	0.132	0.133	0.120	0.118	0.109	0.118	8.87
74)	4-Bromopheny	0.195	0.200	0.173	0.210	0.207	0.190	0.203	0.225	0.200	7.55
75)	Hexachlorobe	0.260	0.263	0.219	0.254	0.256	0.236	0.257	0.271	0.252	6.63
76)	Pentachlorop	0.098	0.111	0.116	0.157	0.161	0.139	0.119		0.129	18.60
77)	Phenanthrene	1.011	1.081	0.904	1.046	1.036	0.968	1.061	1.062	1.021	5.77
78)	Anthracene	0.957	1.054	0.902	1.068	1.059	0.970	1.011	0.983	1.000	5.83
79)	Carbazole	0.887	0.959	0.832	0.981	0.974	0.895	0.969	0.866	0.921	6.22
80)	Di-n-butylph	1.028	1.118	1.017	1.249	1.257	1.158	1.164	1.086	1.135	7.97
81)	Fluoranthene	1.012	1.075	0.954	1.139	1.148	1.045	1.114	1.032	1.065	6.29
82)	Octadecane	0.296	0.342	0.309	0.362	0.363	0.347	0.343	0.327	0.336	7.10
83)	I Chrysene-d12	----------ISTD----------									
84)	Benzidine	0.483	0.529	0.713	0.720	0.658	0.408		0.585		22.22
	----- Quadratic regression ----- Coefficient = 0.9976										
	Response Ratio = -0.01998 + 0.54801 *A + 0.07824 *A^2										
85)	Pyrene	1.153	1.321	1.099	1.267	1.279	1.176	1.312	1.217	1.228	6.52
86)	Terphenyl-d1	0.921	1.033	0.853	0.991	0.991	0.938	0.999	0.959	0.961	5.86
87)	Butylbenzylp	0.369	0.450	0.447	0.570	0.575	0.534	0.491	0.407	0.480	15.71

Initial Calibration Summary

Job Number: JD82517 **Sample:** EF9690-ICC9690
Account: EAENYES EA Engineering **Lab FileID:** F218579.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

```
 88) Benzo[a]anth 1.145 1.218 1.026 1.222 1.212 1.129 1.211 1.223 1.173   5.95
 89) 3,3'-Dichlor 0.393 0.444 0.379 0.496 0.495 0.454 0.461 0.384 0.438  10.82
 90) Chrysene     1.150 1.292 1.031 1.178 1.167 1.099 1.195 1.181 1.161   6.49
 91) bis(2-Ethylh 0.548 0.684 0.688 0.865 0.875 0.814 0.761 0.562 0.725  17.49

 92) I   Perylene-d12          ----------------ISTD--------------------
 93) Di-n-octylph 0.688 0.895 0.956 1.278 1.299 1.244 1.048       1.058  21.66
          ----- Quadratic regression -----                Coefficient =  0.9978
               Response Ratio = -0.01977 + 1.05054 *A + 0.11065 *A^2

 94) Benzo[b]fluo 0.910 1.123 0.954 1.175 1.198 1.128 1.112 1.000 1.075   9.89
 95) Benzo[k]fluo 0.946 1.114 0.926 1.094 1.068 1.034 1.113 1.001 1.037   7.08
 96) Benzo[a]pyre 0.731 0.902 0.780 0.958 0.952 0.915 0.909 0.807 0.869   9.76
 97) Indeno[1,2,3 0.723 0.942 0.803 1.015 0.999 0.961 0.945 0.824 0.902  11.66
 98) Dibenz(a,h)a 0.681 0.865 0.757 0.949 0.949 0.901 0.863 0.717 0.835  12.45
 99) Dibenz[a,h]a 0.881 1.103 0.905 1.123 1.111 1.074 1.058 0.906 1.020  10.20
100) 7,12-Dimethy 0.334 0.467 0.375 0.500 0.503 0.487 0.129       0.399  34.08
101) Benzo[g,h,i] 0.947 1.129 0.955 1.148 1.118 1.085 1.107 1.008 1.062   7.57


 ------------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           MF9690.M          Thu Jan 25 10:59:36 2024   RT1
```

Initial Calibration Verification

Job Number: JD82517 **Sample:** EF9690-ICV9690
Account: EAENYES EA Engineering **Lab FileID:** F218587.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF9690\F218587.D Vial: 10
Acq On : 24 Jan 2024 3:10 pm Operator: ninap
Sample : icv9690-50 Inst : GCMSF
Misc : op51881,ef9690,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\MF9690.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Thu Jan 25 10:43:47 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00	4.86
2	t	1,4-Dioxane	0.490	0.409	16.5	102	0.00	2.83
6	t	Indene	2.039	1.949	4.4	111	0.00	5.05
7	t	Cumene	2.568	2.323	9.5	106	0.00	4.33
11	t	bis(2-Chloroethyl)ether	1.084	1.019	6.0	106	0.00	4.68
13	t	Decane	1.050	0.975	7.1	109	0.00	4.74
14	t	1,3-Dichlorobenzene	1.451	1.356	6.5	110	0.00	4.83
15	t	1,4-Dichlorobenzene	1.505	1.391	7.6	109	0.00	4.88
16	t	Benzyl alcohol	0.754	0.737	2.3	108	0.00	4.96
17	t	1,2-Dichlorobenzene	1.414	1.321	6.6	110	0.00	4.98
18	t	Acetophenone	1.712	1.581	7.7	106	0.00	5.14
-								
20	t	2,2'-oxybis(1-Chloropropa	0.327	0.318	2.8	108	0.00	5.05
23	t	Hexachloroethane	0.499	0.473	5.2	112	0.00	5.22
24	I	Naphthalene-d8	1.000	1.000	0.0	114	0.00	5.76
26	t	Nitrobenzene	0.302	0.287	5.0	109	0.00	5.27
27	t	Quinoline	0.614	0.590	3.9	112	-0.01	6.01
28	t	Isophorone	0.552	0.525	4.9	111	0.00	5.43
		----------	AvgRF	CCRF	% Dev	----------		
32	t	bis(2-Chloroethoxy)methan	0.357	0.333	6.7	109	0.00	5.58
35		1,3,5-Trichlorobenzene	0.328	0.303	7.6	113	0.00	5.49
36	t	1,2,4-Trichlorobenzene	0.312	0.288	7.7	112	0.00	5.71
37		1,2,3-Trichlorobenzene	0.304	0.286	5.9	114	0.00	5.87
38	t	Naphthalene	1.003	0.930	7.3	113	0.00	5.77
40	t	2,3-Dichloroaniline	0.320	0.291	9.1	109	0.00	6.52
42	t	Hexachlorobutadiene	0.175	0.164	6.3	115	0.00	5.85
44	t	2-Methylnaphthalene	0.576	0.537	6.8	114	0.00	6.29
45	t	1-Methylnaphthalene	0.601	0.558	7.2	112	0.00	6.37

Initial Calibration Verification

Job Number: JD82517 **Sample:** EF9690-ICV9690
Account: EAENYES EA Engineering **Lab FileID:** F218587.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

46	I	Acenaphthene-d10	1.000	1.000	0.0	118	0.00	7.24
47	t	Hexachlorocyclopentadiene	0.251	0.271	-8.0	126	0.00	6.41
48	t	1,2,4,5-tetrachlorobenzen	0.571	0.522	8.6	115	0.00	6.42
52	t	2-Chloronaphthalene	1.138	1.045	8.2	114	0.00	6.70
53	t	Biphenyl	1.475	1.340	9.2	114	0.00	6.68
55	t	Dimethylphthalate	1.244	1.148	7.7	115	0.00	6.96
56	t	Acenaphthylene	1.409	1.374	2.5	125	0.00	7.10
57	t	2,6-Dinitrotoluene	0.216	0.226	-4.6	114	0.00	7.02
59	t	Acenaphthene	1.253	1.162	7.3	116	0.00	7.27
62	t	Dibenzofuran	1.603	1.469	8.4	114	0.00	7.47
		----------	True	Calc.	% Drift	----------		
63	t	2,4-Dinitrotoluene	50.000	47.640	4.7	111	0.00	7.45
		----------	AvgRF	CCRF	% Dev	----------		
65	t	Diethylphthalate	1.244	1.184	4.8	117	-0.01	7.73
66	t	Fluorene	1.259	1.189	5.6	116	0.00	7.87
67	t	4-Chlorophenyl-phenylethe	0.590	0.558	5.4	118	0.00	7.87
69	I	Phenanthrene-d10	1.000	1.000	0.0	121	0.00	9.21
72	t	1,2-Diphenylhydrazine	0.624	0.572	8.3	112	0.00	8.08
74	t	4-Bromophenyl-phenylether	0.200	0.185	7.5	118	0.00	8.54
75	t	Hexachlorobenzene	0.252	0.227	9.9	117	0.00	8.61
77	t	Phenanthrene	1.021	0.929	9.0	116	0.00	9.26
78	t	Anthracene	1.000	0.932	6.8	116	0.00	9.34
79	t	Carbazole	0.921	0.866	6.0	117	0.00	9.62
80	t	Di-n-butylphthalate	1.135	1.101	3.0	115	0.00	10.35
81	t	Fluoranthene	1.065	1.013	4.9	117	0.00	11.45
82	t	Octadecane	0.336	0.320	4.8	112	0.00	9.11
83	I	Chrysene-d12	1.000	1.000	0.0	121	0.00	14.58
		----------	AvgRF	CCRF	% Dev	----------		
85	t	Pyrene	1.228	1.148	6.5	118	0.00	11.91
87	t	Butylbenzylphthalate	0.480	0.504	-5.0	114	0.00	13.54
88	t	Benzo[a]anthracene	1.173	1.094	6.7	117	0.00	14.56
90	t	Chrysene	1.161	1.058	8.9	116	0.00	14.64
91	t	bis(2-Ethylhexyl)phthalat	0.725	0.765	-5.5	113	0.00	14.95
92	I	Perylene-d12	1.000	1.000	0.0	120	0.00	17.64
		----------	True	Calc.	% Drift	----------		
93	t	Di-n-octylphthalate	50.000	49.567	0.9	112	0.00	16.41
		----------	AvgRF	CCRF	% Dev	----------		
94	t	Benzo[b]fluoranthene	1.075	1.076	-0.1	115	0.00	16.89

Initial Calibration Verification

Job Number: JD82517 **Sample:** EF9690-ICV9690
Account: EAENYES EA Engineering **Lab FileID:** F218587.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

95	t	Benzo[k]fluoranthene	1.037	0.998	3.8	116	0.00	16.95
96	t	Benzo[a]pyrene	0.869	0.876	-0.8	115	0.00	17.53
97	t	Indeno[1,2,3-cd]pyrene	0.902	0.894	0.9	112	0.00	19.60
98	t	Dibenz(a,h)acridine	0.835	0.861	-3.1	115	0.00	19.24
99	t	Dibenz[a,h]anthracene	1.020	1.025	-0.5	115	0.00	19.67
100	t	7,12-Dimethylbenz(a)anthr	0.399	0.420	-5.3	104	0.00	16.91
101	t	Benzo[g,h,i]perylene	1.062	1.042	1.9	115	0.00	20.04

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F218579.D MF9690.M Thu Jan 25 11:00:08 2024 RT1

6.7.14

6

Initial Calibration Verification

Job Number: JD82517 **Sample:** EF9690-ICV9690
Account: EAENYES EA Engineering **Lab FileID:** F218588.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF9690\F218588.D Vial: 11
Acq On : 24 Jan 2024 3:36 pm Operator: ninap
Sample : icv9690-50 Inst : GCMSF
Misc : op51881,ef9690,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\MF9690.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Thu Jan 25 10:43:47 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00	4.87
9	t	Phenol	1.414	1.344	5.0	85	0.00	4.60
12	t	2-Chlorophenol	1.237	1.179	4.7	86	0.00	4.72
19	t	2-Methylphenol	1.095	1.017	7.1	85	0.00	5.02
21	t	3&4-Methylphenol	1.134	1.081	4.7	86	0.00	5.13
24	I	Naphthalene-d8	1.000	1.000	0.0	90	0.00	5.76
29	t	2-Nitrophenol	0.139	0.135	2.9	84	0.00	5.48
30	t	2,4-Dimethylphenol	0.308	0.285	7.5	86	0.00	5.50
		----------	True	Calc.	% Drift	----------		
31	t	Benzoic acid	50.000	49.542	0.9	82	0.00	5.57
		----------	AvgRF	CCRF	% Dev	----------		
33	t	2,4-Dichlorophenol	0.264	0.255	3.4	90	0.00	5.65
34		2,6-Dichlorophenol	0.267	0.250	6.4	87	0.00	5.81
43	t	4-Chloro-3-methylphenol	0.242	0.233	3.7	89	0.00	6.15
46	I	Acenaphthene-d10	1.000	1.000	0.0	92	0.00	7.24
49	t	2,4,6-Trichlorophenol	0.336	0.315	6.3	87	0.00	6.51
50	t	2,4,5-Trichlorophenol	0.374	0.363	2.9	90	0.00	6.54
		----------	True	Calc.	% Drift	----------		
60	t	2,4-Dinitrophenol	100.000	94.668	5.3	82	0.00	7.30
		----------	AvgRF	CCRF	% Dev	----------		
61	t	4-Nitrophenol	0.129	0.126	2.3	85	-0.01	7.34
		----------	AvgRF	CCRF	% Dev	----------		
64		2,3,4,6-Tetrachlorophenol	0.282	0.286	-1.4	90	0.00	7.59

				True	Calc.	% Drift			
69	I	Phenanthrene-d10		1.000	1.000	0.0	95	0.00	9.21
70	t	4,6-Dinitro-2-methylpheno		50.000	42.957	14.1	77	-0.01	7.92
76	t	Pentachlorophenol		0.129	0.130	-0.8	89	0.00	8.90

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F218579.D MF9690.M Thu Jan 25 11:00:10 2024 RT1

6.7.15

6

Initial Calibration Verification

Job Number: JD82517 **Sample:** EF9690-ICV9690
Account: EAENYES EA Engineering **Lab FileID:** F218589.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF9690\F218589.D Vial: 12
Acq On : 24 Jan 2024 4:02 pm Operator: ninap
Sample : icv9690-50 Inst : GCMSF
Misc : op51881,ef9690,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\MF9690.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Thu Jan 25 10:43:47 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00	4.86
3	t	Pyridine	1.217	1.182	2.9	84	0.00	3.07
4	t	N-Nitrosodimethylamine	0.386	0.401	-3.9	94	0.00	3.04
10	t	Aniline	1.747	1.729	1.0	89	0.00	4.64
22		n-Nitroso-di-n-propylamin	0.805	0.780	3.1	88	0.00	5.14
24	I	Naphthalene-d8	1.000	1.000	0.0	91	0.00	5.76
39	t	4-Chloroaniline	0.400	0.378	5.5	85	0.00	5.81
46	I	Acenaphthene-d10	1.000	1.000	0.0	93	0.00	7.24
54	t	2-Nitroaniline	0.230	0.229	0.4	86	0.00	6.79
58	t	3-Nitroaniline	0.271	0.270	0.4	88	0.00	7.19
68	t	4-Nitroaniline	0.276	0.263	4.7	81	-0.01	7.89
69	I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00	9.21
		----------	AvgRF	CCRF	% Dev	----------		
71	t	n-Nitrosodiphenylamine	0.563	0.529	6.0	92	0.00	8.02
83	I	Chrysene-d12	1.000	1.000	0.0	91	-0.01	14.58
		----------	True	Calc.	% Drift	----------		
84	t	Benzidine	50.000	59.134	-18.3	106	0.00	11.80
89	t	3,3'-Dichlorobenzidine	0.438	0.456	-4.1	91	0.00	14.60

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F218579.D MF9690.M Thu Jan 25 11:00:12 2024 RT1

Initial Calibration Summary

Job Number: JD82517 **Sample:** EF9691-ICC9691
Account: EAENYES EA Engineering **Lab FileID:** F218591.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Response Factor Report GCMSF

Method : C:\MSDCHEM\1\METHODS\MF9691.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Jan 26 10:08:04 2024
Response via : Initial Calibration

Calibration Files
2 =F218593.D 5 =F218594a.D 25 =F218596.D 80 =F218597.D
100 =F218598.D 50 =F218591.D 10 =F218595.D 1 =F218592.D

Compound	2	5	25	80	100	50	10	1	Avg	%RSD
157) I 1,4-Dichlorobenzene-d	ISTD									
158) Benzaldehyde	1.376	0.931	0.972	0.950	0.921	1.007	0.905		1.009	16.40
159) I Phenanthrene-d10b	ISTD									
160) Atrazine	0.203	0.151	0.163	0.175	0.171	0.177	0.153		0.171	10.28
161) I Naphthalene-d8b	ISTD									
162) Caprolactam	0.110	0.078	0.091	0.091	0.092	0.100	0.082		0.092	11.65

(#) = Out of Range ### Number of calibration levels exceeded format ###

MF9690.M Fri Jan 26 10:10:16 2024 RT1

Initial Calibration Verification

Job Number: JD82517 **Sample:** EF9691-ICV9691
Account: EAENYES EA Engineering **Lab FileID:** F218599.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF9691\F218599.D Vial: 10
Acq On : 25 Jan 2024 4:46 pm Operator: ninap
Sample : icv9691-50 Inst : GCMSF
Misc : op51881,ef9691,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\MF9690.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Jan 26 10:08:04 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
157 I	1,4-Dichlorobenzene-d4b	1.000	1.000	0.0	99	0.00	4.87
158	Benzaldehyde	1.009	1.004	0.5	98	0.00	4.57
159 I	Phenanthrene-d10b	1.000	1.000	0.0	92	0.00	9.21
160	Atrazine	0.171	0.179	-4.7	93	0.00	8.80
161 I	Naphthalene-d8b	1.000	1.000	0.0	96	0.00	5.76
162	Caprolactam	0.092	0.094	-2.2	91	0.00	6.06

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F218591A.D MF9690.M Fri Jan 26 10:10:31 2024 RT1

Continuing Calibration Summary

Job Number: JD82517 **Sample:** EF9714-CC9690
Account: EAENYES EA Engineering **Lab FileID:** F219057.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton SVOA GCMS\...0-24\ef9714\F219057.D Vial: 1
Acq On : 20 Feb 2024 9:26 am Operator: karimam
Sample : cc9690-50 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\MF9690.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Feb 20 17:45:33 2024
Response via : Multiple Level 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)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00	4.84
2	t	1,4-Dioxane	0.490	0.463	5.5	106	0.00	2.74
3	t	Pyridine	1.217	1.299	-6.7	106	0.00	3.00
4	t	N-Nitrosodimethylamine	0.386	0.749	-94.0#	200#	0.00	2.96
5	S	2-Fluorophenol	1.101	1.140	-3.5	109	0.00	3.93
6	t	Indene	2.039	2.021	0.9	106	0.00	5.03
7	t	Cumene	2.568	2.637	-2.7	110	0.00	4.29
8	S	Phenol-d5	1.291	1.447	-12.1	117	0.00	4.58
9	t	Phenol	1.414	1.539	-8.8	114	0.00	4.59
10	t	Aniline	1.747	1.850	-5.9	109	0.00	4.61
11	t	bis(2-Chloroethyl)ether	1.084	1.187	-9.5	114	0.00	4.65
12	t	2-Chlorophenol	1.237	1.259	-1.8	108	0.00	4.70
13	t	Decane	1.050	1.839	-75.1#	189	0.00	4.72
14	t	1,3-Dichlorobenzene	1.451	1.388	4.3	103	0.00	4.81
15	t	1,4-Dichlorobenzene	1.505	1.422	5.5	103	0.00	4.85
16	t	Benzyl alcohol	0.754	0.801	-6.2	108	0.00	4.94
17	t	1,2-Dichlorobenzene	1.414	1.352	4.4	104	0.00	4.96
18	t	Acetophenone	1.712	1.670	2.5	103	0.00	5.13
19	t	2-Methylphenol	1.095	1.092	0.3	106	0.00	5.01
20	t	2,2'-oxybis(1-Chloropropa	0.327	0.398	-21.7#	124	0.00	5.03
21	t	3&4-Methylphenol	1.134	1.171	-3.3	109	0.00	5.12
22		n-Nitroso-di-n-propylamin	0.805	0.911	-13.2	117	0.00	5.12
23	t	Hexachloroethane	0.499	0.464	7.0	101	0.00	5.20
24	I	Naphthalene-d8	1.000	1.000	0.0	103	0.00	5.74
25	S	Nitrobenzene-d5	0.293	0.346	-18.1	123	0.00	5.23
26	t	Nitrobenzene	0.302	0.353	-16.9	121	0.00	5.24
27	t	Quinoline	0.614	0.607	1.1	104	0.00	6.00
28	t	Isophorone	0.552	0.628	-13.8	120	0.00	5.42
29	t	2-Nitrophenol	0.139	0.186	-33.8#	131	0.00	5.47
30	t	2,4-Dimethylphenol	0.308	0.329	-6.8	113	0.00	5.49
		----------	True	Calc.	% Drift	----------		
31	t	Benzoic acid	50.000	67.658	-35.3#	136	0.00	5.58
		----------	AvgRF	CCRF	% Dev	----------		
32	t	bis(2-Chloroethoxy)methan	0.357	0.367	-2.8	108	0.00	5.55
33	t	2,4-Dichlorophenol	0.264	0.276	-4.5	110	0.00	5.64
34		2,6-Dichlorophenol	0.267	0.274	-2.6	109	0.00	5.79
35		1,3,5-Trichlorobenzene	0.328	0.304	7.3	102	0.00	5.47
36	t	1,2,4-Trichlorobenzene	0.312	0.295	5.4	104	0.00	5.69
37		1,2,3-Trichlorobenzene	0.304	0.289	4.9	104	0.00	5.85

Continuing Calibration Summary

Job Number: JD82517 **Sample:** EF9714-CC9690
Account: EAENYES EA Engineering **Lab FileID:** F219057.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

38	t	Naphthalene	1.003	0.934	6.9	102	0.00	5.76
39	t	4-Chloroaniline	0.400	0.393	1.8	101	0.00	5.79
40	t	2,3-Dichloroaniline	0.320	0.307	4.1	103	0.00	6.49
41	t	Hydroquinone	0.227	0.296	-30.4#	113	0.00	6.05
42	t	Hexachlorobutadiene	0.175	0.158	9.7	100	0.00	5.83
43	t	4-Chloro-3-methylphenol	0.242	0.269	-11.2	117	0.00	6.14
44	t	2-Methylnaphthalene	0.576	0.527	8.5	101	0.00	6.26
45	t	1-Methylnaphthalene	0.601	0.573	4.7	104	0.00	6.34
46	I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00	7.21
47	t	Hexachlorocyclopentadiene	0.251	0.242	3.6	104	0.00	6.38
48	t	1,2,4,5-tetrachlorobenzen	0.571	0.475	16.8	97	0.00	6.40
49	t	2,4,6-Trichlorophenol	0.336	0.337	-0.3	110	0.00	6.49
50	t	2,4,5-Trichlorophenol	0.374	0.365	2.4	108	0.00	6.53
51	S	2-Fluorobiphenyl	1.338	1.214	9.3	104	0.00	6.56
52	t	2-Chloronaphthalene	1.138	1.035	9.1	104	0.00	6.68
53	t	Biphenyl	1.475	1.316	10.8	103	0.00	6.65
54	t	2-Nitroaniline	0.230	0.352	-53.0#	153	0.00	6.77
55	t	Dimethylphthalate	1.244	1.160	6.8	107	0.00	6.93
56	t	Acenaphthylene	1.409	1.240	12.0	104	0.00	7.07
57	t	2,6-Dinitrotoluene	0.216	0.279	-29.2#	130	0.00	6.99
58	t	3-Nitroaniline	0.271	0.305	-12.5	116	0.00	7.17
59	t	Acenaphthene	1.253	1.080	13.8	99	0.00	7.24
			True	Calc.	% Drift			
60	t	2,4-Dinitrophenol	100.000	159.219	-59.2#	196	0.00	7.27
			AvgRF	CCRF	% Dev			
61	t	4-Nitrophenol	0.129	0.175	-35.7#	139	0.00	7.34
62	t	Dibenzofuran	1.603	1.461	8.9	105	0.00	7.43
			True	Calc.	% Drift			
63	t	2,4-Dinitrotoluene	50.000	58.055	-16.1	131	0.00	7.41
			AvgRF	CCRF	% Dev			
64		2,3,4,6-Tetrachlorophenol	0.282	0.281	0.4	105	0.00	7.56
65	t	Diethylphthalate	1.244	1.173	5.7	107	0.00	7.69
66	t	Fluorene	1.259	1.182	6.1	107	0.00	7.83
67	t	4-Chlorophenyl-phenylethe	0.590	0.532	9.8	104	0.00	7.83
68	t	4-Nitroaniline	0.276	0.316	-14.5	113	0.00	7.87
69	I	Phenanthrene-d10	1.000	1.000	0.0	101	0.00	9.17
			True	Calc.	% Drift			
70	t	4,6-Dinitro-2-methylpheno	50.000	84.075	-68.2#	196	0.00	7.89
			AvgRF	CCRF	% Dev			
71	t	n-Nitrosodiphenylamine	0.563	0.595	-5.7	110	0.00	7.98
72	t	1,2-Diphenylhydrazine	0.624	0.696	-11.5	114	0.00	8.03
73	S	2,4,6-Tribromophenol	0.118	0.084	28.8#	71	0.00	8.14
74	t	4-Bromophenyl-phenylether	0.200	0.166	17.0	88	0.00	8.49
75	t	Hexachlorobenzene	0.252	0.175	30.6#	75	0.00	8.56
76	t	Pentachlorophenol	0.129	0.128	0.8	93	0.00	8.87
77	t	Phenanthrene	1.021	0.987	3.3	103	0.00	9.21
78	t	Anthracene	1.000	0.997	0.3	104	0.00	9.29
79	t	Carbazole	0.921	0.945	-2.6	107	0.00	9.58
80	t	Di-n-butylphthalate	1.135	1.209	-6.5	106	0.00	10.29
81	t	Fluoranthene	1.065	1.033	3.0	100	0.00	11.40
82	t	Octadecane	0.336	0.565	-68.2#	165	0.00	9.04

Continuing Calibration Summary

Job Number: JD82517 **Sample:** EF9714-CC9690
Account: EAENYES EA Engineering **Lab FileID:** F219057.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

83	I	Chrysene-d12	1.000	1.000	0.0	89	0.00	14.53
		----------	True	Calc.	% Drift	----------		
84	t	Benzidine	50.000	59.904	-19.8	105	0.00	11.76
		----------	AvgRF	CCRF	% Dev	----------		
85	t	Pyrene	1.228	1.338	-9.0	101	0.00	11.85
86	S	Terphenyl-d14	0.961	0.975	-1.5	92	0.00	12.28
87	t	Butylbenzylphthalate	0.480	0.664	-38.3#	110	0.00	13.47
88	t	Benzo[a]anthracene	1.173	1.186	-1.1	93	0.00	14.50
89	t	3,3'-Dichlorobenzidine	0.438	0.464	-5.9	91	0.00	14.55
90	t	Chrysene	1.161	1.152	0.8	93	0.00	14.59
91	t	bis(2-Ethylhexyl)phthalat	0.725	0.941	-29.8#	103	0.00	14.87
92	I	Perylene-d12	1.000	1.000	0.0	77	0.00	17.59
		----------	True	Calc.	% Drift	----------		
93	t	Di-n-octylphthalate	50.000	66.717	-33.4#	102	0.00	16.33
		----------	AvgRF	CCRF	% Dev	----------		
94	t	Benzo[b]fluoranthene	1.075	1.167	-8.6	80	0.00	16.83
95	t	Benzo[k]fluoranthene	1.037	1.078	-4.0	81	0.00	16.90
96	t	Benzo[a]pyrene	0.869	0.955	-9.9	81	0.00	17.47
97	t	Indeno[1,2,3-cd]pyrene	0.902	0.868	3.8	70	0.00	19.55
98	t	Dibenz(a,h)acridine	0.835	0.827	1.0	71	0.00	19.18
99	t	Dibenz[a,h]anthracene	1.020	0.989	3.0	71	0.00	19.60
100	t	7,12-Dimethylbenz(a)anthr	0.399	0.534	-33.8#	85	0.00	16.85
101	t	Benzo[g,h,i]perylene	1.062	0.991	6.7	71	0.00	19.98

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F219057.D MF9690.M Tue Feb 20 17:46:35 2024

Continuing Calibration Summary

Job Number: JD82517 **Sample:** EF9714-CC9691
Account: EAENYES EA Engineering **Lab FileID:** F219058A.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton SVOA GCMS\...-24\ef9714\F219058a.D Vial: 2
Acq On : 20 Feb 2024 9:53 am Operator: karimam
Sample : cc9691-50 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\MF9690.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Feb 20 17:45:33 2024
Response via : Multiple Level 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)	R.T.
157 I	1,4-Dichlorobenzene-d4b	1.000	1.000	0.0	104	0.00	4.84
158	Benzaldehyde	1.009	0.942	6.6	97	0.00	4.54
159 I	Phenanthrene-d10b	1.000	1.000	0.0	107	0.00	9.17
160	Atrazine	0.171	0.186	-8.8	113	0.00	8.75
161 I	Naphthalene-d8b	1.000	1.000	0.0	105	0.00	5.74
162	Caprolactam	0.092	0.177	-92.4#	185	0.00	6.05

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F219057.D MF9690.M Tue Feb 20 17:46:38 2024

Continuing Calibration Summary

Job Number: JD82517 **Sample:** EF9714-CC9690
Account: EAENYES EA Engineering **Lab FileID:** F219059.D
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Low Level Verification Report

Data File : X:\Dayton SVOA GCMS\...0-24\ef9714\F219059.D Vial: 3
Acq On : 20 Feb 2024 10:20 am Operator: karimam
Sample : cc9690-1 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\MF9690.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Feb 20 17:58:53 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 100% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
69	I	Phenanthrene-d10	1.000	1.000	0.0	145	0.00	9.17
73	S	2,4,6-Tribromophenol	0.118	0.078	33.9	104	0.00	8.13
75	t	Hexachlorobenzene	0.252	0.179	29.0	96	0.00	8.56

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F218602A.D MF9690.M Tue Feb 20 18:03:22 2024

Run Sequence Report

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Run ID: ECT266	**Method:** SW846 8270E	**Instrument ID:** GCMSCT

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
ECT266-DFTPP	CT5235.D	02/15/24 11:58	n/a	DFTPP Tune
ECT266-ICC266	CT5236.D	02/15/24 12:11	n/a	Initial cal 50
ECT266-IC266	CT5239.D	02/15/24 12:29	n/a	Initial cal 1
ECT266-IC266	CT5240.D	02/15/24 12:53	n/a	Initial cal 2
ECT266-IC266	CT5241.D	02/15/24 13:11	n/a	Initial cal 5
ECT266-IC266	CT5242.D	02/15/24 13:29	n/a	Initial cal 10
ECT266-IC266	CT5243.D	02/15/24 13:47	n/a	Initial cal 25
ECT266-IC266	CT5244.D	02/15/24 14:04	n/a	Initial cal 80
ECT266-IC266	CT5245.D	02/15/24 14:22	n/a	Initial cal 100
ECT266-ICV266	CT5246.D	02/15/24 14:42	n/a	Initial cal verification 50
ECT266-ICV266	CT5247.D	02/15/24 14:59	n/a	Initial cal verification 50
ECT266-ICV266	CT5248.D	02/15/24 15:23	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Run ID: ECT267	**Method:** SW846 8270E	**Instrument ID:** GCMSCT

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
ECT267-DFTPP	CT5250.D	02/16/24 10:19	n/a	DFTPP Tune
ECT267-IC267	CT5251.D	02/16/24 10:37	n/a	Initial cal 1
ECT267-IC267	CT5252.D	02/16/24 10:54	n/a	Initial cal 2
ECT267-IC267	CT5253.D	02/16/24 11:12	n/a	Initial cal 5
ECT267-IC267	CT5254.D	02/16/24 11:30	n/a	Initial cal 10
ECT267-IC267	CT5255.D	02/16/24 11:47	n/a	Initial cal 25
ECT267-ICC267	CT5256.D	02/16/24 12:49	n/a	Initial cal 50
ECT267-IC267	CT5257.D	02/16/24 13:07	n/a	Initial cal 80
ECT267-IC267	CT5258.D	02/16/24 13:24	n/a	Initial cal 100
ECT267-ICV267	CT5259.D	02/16/24 13:42	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Run ID: ECT271 **Method:** SW846 8270E **Instrument ID:** GCMSCT

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
ECT271-CC266	CT5318A.D	02/20/24 10:25	n/a	Continuing cal 50
ECT271-CC267	CT5319A.D	02/20/24 10:45	n/a	Continuing cal 50
ECT271-CC266	CT5321A.D	02/20/24 11:26	n/a	Continuing cal 1
OP52522-MB1	CT5323A.D	02/20/24 12:04	OP52522	Method Blank
ZZZZZZ	CT5325A.D	02/20/24 12:40	OP52492	(unrelated sample)
ZZZZZZ	CT5327A.D	02/20/24 13:15	OP52366	(unrelated sample)
ZZZZZZ	CT5329A.D	02/20/24 13:51	OP52522	(unrelated sample)
ZZZZZZ	CT5330A.D	02/20/24 14:09	OP52522	(unrelated sample)
ZZZZZZ	CT5331A.D	02/20/24 14:27	OP52522	(unrelated sample)
ZZZZZZ	CT5332A.D	02/20/24 14:44	OP52522	(unrelated sample)
ZZZZZZ	CT5333.D	02/20/24 15:02	OP52522	(unrelated sample)
ZZZZZZ	CT5334.D	02/20/24 15:20	OP52522	(unrelated sample)
ZZZZZZ	CT5335.D	02/20/24 15:38	OP52522	(unrelated sample)
JD82444-9	CT5336.D	02/20/24 15:56	OP52522	(used for QC only; not part of job JD82517)
OP52522-MS	CT5339.D	02/20/24 16:33	OP52522	Matrix Spike
OP52522-MSD	CT5340.D	02/20/24 16:50	OP52522	Matrix Spike Duplicate
ZZZZZZ	CT5341.D	02/20/24 17:08	OP52522	(unrelated sample)
JD82517-7	CT5342.D	02/20/24 17:26	OP52499	516008-MW-106R
JD82517-8	CT5343.D	02/20/24 17:44	OP52499	516008-FD-GW
JD82517-9	CT5344A.D	02/20/24 18:02	OP52499	516008-MW-108R
JD82517-10	CT5345.D	02/20/24 18:19	OP52499	516008-MW-110R
ZZZZZZ	CT5346.D	02/20/24 19:05	OP52491	(unrelated sample)
ZZZZZZ	CT5347.D	02/20/24 19:23	OP52491	(unrelated sample)
ZZZZZZ	CT5348.D	02/20/24 19:49	OP52535	(unrelated sample)
ZZZZZZ	CT5349.D	02/20/24 20:07	OP52535	(unrelated sample)
ZZZZZZ	CT5350.D	02/20/24 20:25	OP52535	(unrelated sample)
ZZZZZZ	CT5351.D	02/20/24 20:43	OP52535	(unrelated sample)
ZZZZZZ	CT5352.D	02/20/24 21:01	OP52535	(unrelated sample)
ZZZZZZ	CT5353.D	02/20/24 21:19	OP52535	(unrelated sample)
ZZZZZZ	CT5354.D	02/20/24 21:37	OP52535	(unrelated sample)
ZZZZZZ	CT5355.D	02/20/24 21:55	OP52535	(unrelated sample)

Run Sequence Report

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Run ID: ECT272 **Method:** SW846 8270E **Instrument ID:** GCMSCT

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
ECT272-DFTPP	CT5356.D	02/21/24 09:21	n/a	DFTPP Tune
ECT272-CC266	CT5357.D	02/21/24 09:32	n/a	Continuing cal 50
ECT272-CC267	CT5358.D	02/21/24 09:50	n/a	Continuing cal 50
ECT272-CC266	CT5359.D	02/21/24 10:08	n/a	Continuing cal 1
ZZZZZZ	CT5363.D	02/21/24 11:34	OP51638	(unrelated sample)
OP51638-MB2	CT5364.D	02/21/24 11:52	OP51638	Method Blank
OP52522-BS1	CT5365.D	02/21/24 12:10	OP52522	Blank Spike
OP52598-MB1	CT5366.D	02/21/24 12:27	OP52598	Method Blank
OP52598-BS1	CT5367.D	02/21/24 12:45	OP52598	Blank Spike
OP52598-BSD	CT5368.D	02/21/24 13:03	OP52598	Blank Spike Duplicate
ZZZZZZ	CT5369.D	02/21/24 13:21	OP52598	(unrelated sample)
JD82331-5	CT5370.D	02/21/24 13:39	OP52598	(used for QC only; not part of job JD82517)
ZZZZZZ	CT5371.D	02/21/24 13:56	OP52598	(unrelated sample)
ZZZZZZ	CT5372.D	02/21/24 14:14	OP52598	(unrelated sample)
ZZZZZZ	CT5373.D	02/21/24 14:32	OP52598	(unrelated sample)
OP52598-MS	CT5374.D	02/21/24 14:50	OP52598	Matrix Spike
OP52598-MSD	CT5375.D	02/21/24 15:07	OP52598	Matrix Spike Duplicate
ZZZZZZ	CT5376.D	02/21/24 15:25	OP52418	(unrelated sample)
ZZZZZZ	CT5377.D	02/21/24 15:43	OP52522	(unrelated sample)
JD82444-9	CT5378.D	02/21/24 16:01	OP52522	(used for QC only; not part of job JD82517)
JD82517-7	CT5379.D	02/21/24 16:19	OP52499	516008-MW-106R
JD82517-10	CT5380.D	02/21/24 16:37	OP52499	516008-MW-110R
ZZZZZZ	CT5381.D	02/21/24 16:55	OP52598	(unrelated sample)
ZZZZZZ	CT5382.D	02/21/24 17:12	OP52598	(unrelated sample)
ZZZZZZ	CT5384.D	02/21/24 17:48	OP52598	(unrelated sample)
ZZZZZZ	CT5385.D	02/21/24 18:06	OP52598	(unrelated sample)
ZZZZZZ	CT5386.D	02/21/24 18:23	OP52598	(unrelated sample)
JD82517-4	CT5387.D	02/21/24 18:41	OP52499	516008-MW-204S
JD82517-6	CT5388.D	02/21/24 18:59	OP52499	516008-MW-204D
JD82517-5	CT5389.D	02/21/24 19:17	OP52499	516008-MW-104
ZZZZZZ	CT5390.D	02/21/24 19:35	OP52499	(unrelated sample)
ZZZZZZ	CT5391.D	02/21/24 19:52	OP52499	(unrelated sample)
JD82517-3	CT5392.D	02/21/24 20:10	OP52499	516008-MW-205D
ZZZZZZ	CT5393.D	02/21/24 20:28	OP52598	(unrelated sample)

Run Sequence Report

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Run ID: EF9690 **Method:** SW846 8270E **Instrument ID:** GCMSF

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
EF9690-DFTPP	F218578.D	01/24/24 11:17	n/a	DFTPP Tune
EF9690-ICC9690	F218579.D	01/24/24 11:46	n/a	Initial cal 50
EF9690-IC9690	F218580.D	01/24/24 12:11	n/a	Initial cal 1
EF9690-IC9690	F218581.D	01/24/24 12:37	n/a	Initial cal 2
EF9690-IC9690	F218582.D	01/24/24 13:02	n/a	Initial cal 5
EF9690-IC9690	F218583.D	01/24/24 13:28	n/a	Initial cal 10
EF9690-IC9690	F218584.D	01/24/24 13:53	n/a	Initial cal 25
EF9690-IC9690	F218585.D	01/24/24 14:18	n/a	Initial cal 80
EF9690-IC9690	F218586.D	01/24/24 14:44	n/a	Initial cal 100
EF9690-ICV9690	F218587.D	01/24/24 15:10	n/a	Initial cal verification 50
EF9690-ICV9690	F218588.D	01/24/24 15:36	n/a	Initial cal verification 50
EF9690-ICV9690	F218589.D	01/24/24 16:02	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Run ID: EF9691 **Method:** SW846 8270E **Instrument ID:** GCMSF

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
EF9691-DFTPP	F218590.D	01/25/24 12:09	n/a	DFTPP Tune
EF9691-ICC9691	F218591.D	01/25/24 12:20	n/a	Initial cal 50
EF9691-IC9691	F218592.D	01/25/24 12:46	n/a	Initial cal 1
EF9691-IC9691	F218593.D	01/25/24 13:12	n/a	Initial cal 2
EF9691-IC9691	F218594A.D	01/25/24 14:37	n/a	Initial cal 5
EF9691-IC9691	F218595.D	01/25/24 15:03	n/a	Initial cal 10
EF9691-IC9691	F218596.D	01/25/24 15:29	n/a	Initial cal 25
EF9691-IC9691	F218597.D	01/25/24 15:55	n/a	Initial cal 80
EF9691-IC9691	F218598.D	01/25/24 16:20	n/a	Initial cal 100
EF9691-ICV9691	F218599.D	01/25/24 16:46	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JD82517
Account: EAENYES EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

Run ID: EF9714 **Method:** SW846 8270E **Instrument ID:** GCMSF

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
EF9714-CC9690	F219057.D	02/20/24 09:26	n/a	Continuing cal 50
EF9714-CC9691	F219058A.D	02/20/24 09:53	n/a	Continuing cal 50
EF9714-CC9690	F219059.D	02/20/24 10:20	n/a	Continuing cal 1
OP52499-MB1	F219061.D	02/20/24 11:22	OP52499	Method Blank
OP52499-BS1	F219062AB.D	02/20/24 11:57	OP52499	Blank Spike
ZZZZZZ	F219063.D	02/20/24 12:23	OP52499	(unrelated sample)
ZZZZZZ	F219064.D	02/20/24 12:50	OP52499	(unrelated sample)
JD82556-3	F219065.D	02/20/24 13:17	OP52499	(used for QC only; not part of job JD82517)
ZZZZZZ	F219066.D	02/20/24 13:43	OP52499	(unrelated sample)
ZZZZZZ	F219067.D	02/20/24 14:10	OP52499	(unrelated sample)
ZZZZZZ	F219068.D	02/20/24 14:36	OP52499	(unrelated sample)
ZZZZZZ	F219069.D	02/20/24 15:03	OP52499	(unrelated sample)
OP52499-MS	F219070.D	02/20/24 15:29	OP52499	Matrix Spike
OP52499-MSD	F219071.D	02/20/24 15:56	OP52499	Matrix Spike Duplicate
OP52524-MB1	F219072.D	02/20/24 16:23	OP52524	Method Blank
OP52524-BS1	F219073.D	02/20/24 16:50	OP52524	Blank Spike
OP52532-BS1	F219074.D	02/20/24 17:17	OP52532	Blank Spike
ZZZZZZ	F219075.D	02/20/24 17:43	OP52418	(unrelated sample)
ZZZZZZ	F219076.D	02/20/24 18:10	OP52418	(unrelated sample)
OP52499-MS2	F219077.D	02/20/24 18:36	OP52499	Matrix Spike
OP52499-MSD2	F219078.D	02/20/24 19:03	OP52499	Matrix Spike Duplicate
JD82517-1	F219079.D	02/20/24 19:30	OP52499	516008-MW-205S
JD82517-2	F219080.D	02/20/24 19:56	OP52499	516008-PZ-301
JD82517-3	F219081.D	02/20/24 20:23	OP52499	516008-MW-205D
JD82517-4	F219082.D	02/20/24 20:49	OP52499	516008-MW-204S
JD82517-5	F219083.D	02/20/24 21:16	OP52499	516008-MW-104

MS Semi-volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219079.D
Acq On : 20 Feb 2024 7:30 pm
Operator : karimam
Sample : jd82517-1 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 21 06:59:49 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration

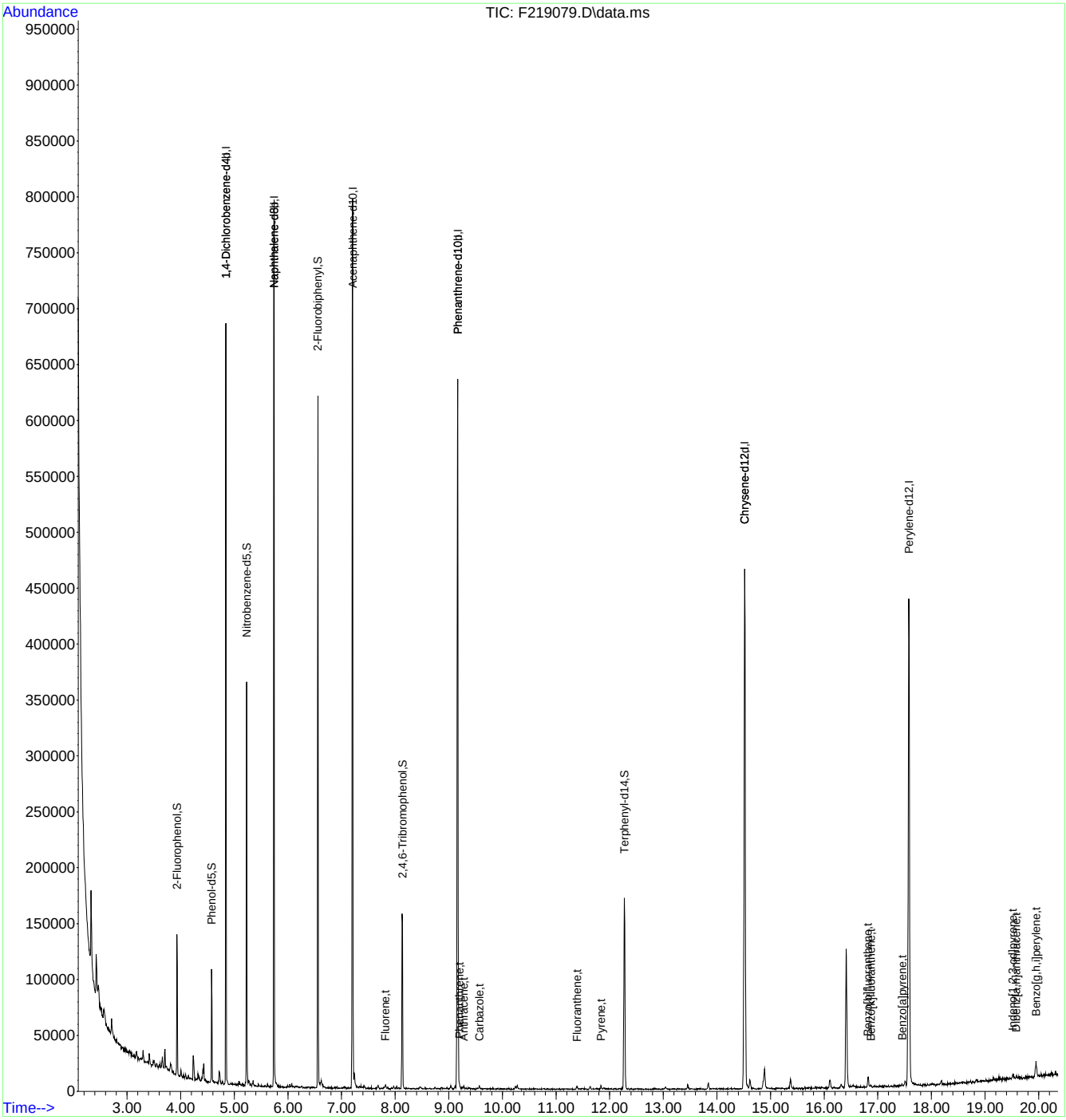
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.844	152	80432	40.00	ppm	0.00
24) Naphthalene-d8	5.741	136	306508	40.00	ppm	0.00
46) Acenaphthene-d10	7.205	164	180622	40.00	ppm	0.00
69) Phenanthrene-d10	9.165	188	312953	40.00	ppm	0.00
83) Chrysene-d12	14.518	240	248576	40.00	ppm	0.00
92) Perylene-d12	17.579	264	251451	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4b	4.844	152	80432	40.00	ppm	0.00
104) Phenanthrene-d10b	9.165	188	312953	40.00	ppm	0.00
106) Naphthalene-d8b	5.741	136	306508	40.00	ppm	0.00
108) Chrysene-d12d	14.518	240	248576	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.930	112	26780	12.09	ppm	0.00
Spiked Amount 50.000			Recovery = 24.18%			
8) Phenol-d5	4.576	99	23402	9.01	ppm	0.00
Spiked Amount 50.000			Recovery = 18.02%			
25) Nitrobenzene-d5	5.228	82	78413	34.89	ppm	0.00
Spiked Amount 50.000			Recovery = 69.78%			
51) 2-Fluorobiphenyl	6.558	172	154476	25.57	ppm	0.00
Spiked Amount 50.000			Recovery = 51.14%			
73) 2,4,6-Tribromophenol	8.134	330	17122	18.59	ppm	0.00
Spiked Amount 50.000			Recovery = 37.18%			
86) Terphenyl-d14	12.275	244	82561	13.83	ppm	0.00
Spiked Amount 50.000			Recovery = 27.66%			
Target Compounds						Qvalue
66) Fluorene	7.814	166	1031	0.1813	ppm	94
77) Phenanthrene	9.197	178	1946	0.2436	ppm	84
78) Anthracene	9.278	178	1459	0.1864	ppm	83
79) Carbazole	9.571	167	2145	0.2978	ppm	96
81) Fluoranthene	11.388	202	2066	0.2480	ppm	66
85) Pyrene	11.837	202	1997	0.2617	ppm	83
94) Benzo[b]fluoranthene	16.810	252	1437	0.2126	ppm	84
95) Benzo[k]fluoranthene	16.874	252	1333	0.2045	ppm	62
96) Benzo[a]pyrene	17.457	252	1177	0.2154	ppm	81
97) Indeno[1,2,3-cd]pyrene	19.513	276	2445	0.4314	ppm	76
99) Dibenz[a,h]anthracene	19.577	278	1198	0.1868	ppm	91
101) Benzo[g,h,i]perylene	19.951	276	8590	1.2868	ppm	88

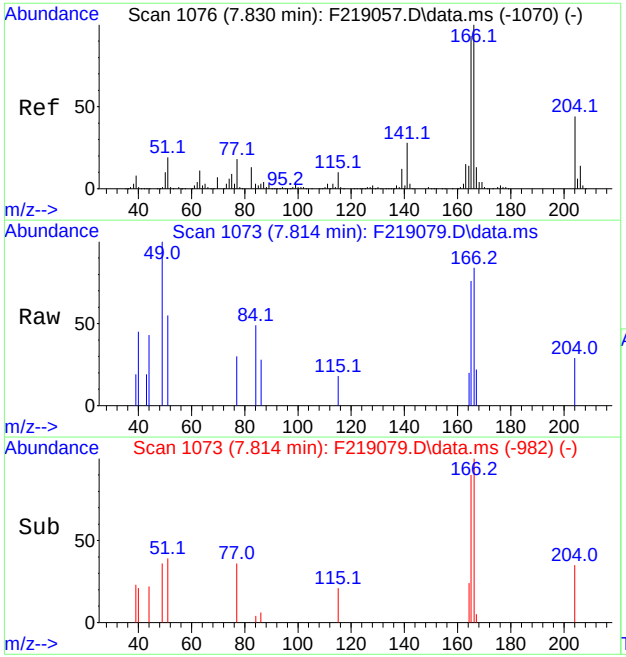
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219079.D
Acq On : 20 Feb 2024 7:30 pm
Operator : karimam
Sample : jd82517-1 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 21 06:59:49 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration

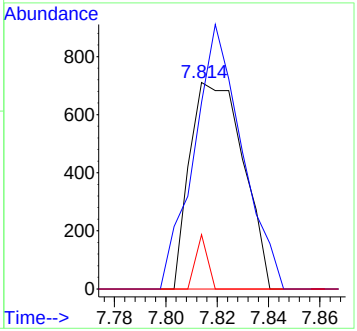


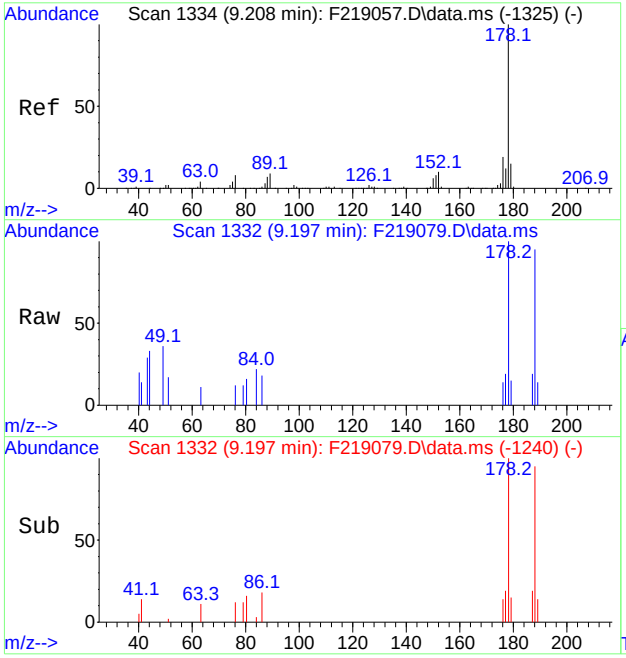


#66
Fluorene
Concen: 0.1813 ppm
RT: 7.814 min Scan# 1073
Delta R.T. -0.016 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:166 Resp: 1031

Ion	Ratio	Lower	Upper
166	100		
165	90.3	62.5	122.5
167	26.3	0.0	43.1

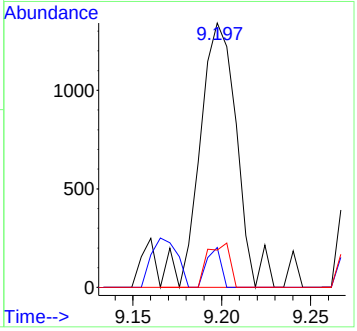


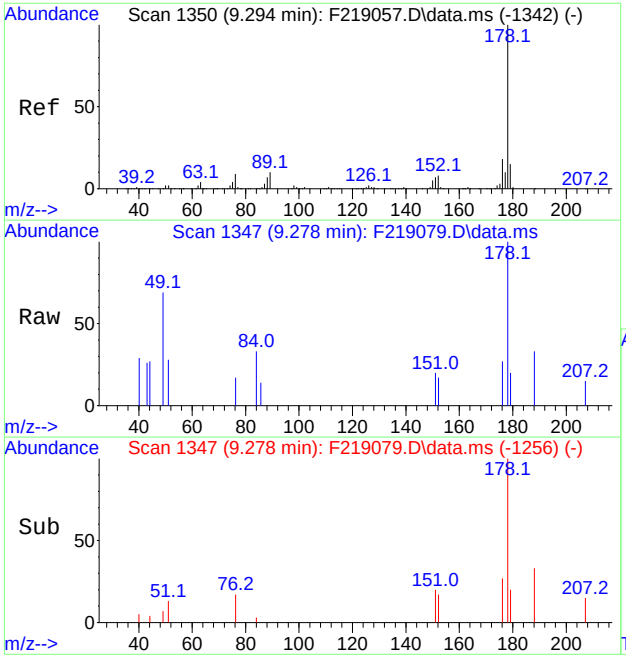


#77
Phenanthrene
Concen: 0.2436 ppm
RT: 9.197 min Scan# 1332
Delta R.T. -0.011 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:178 Resp: 1946

Ion	Ratio	Lower	Upper
178	100		
179	5.7	0.0	45.4
176	14.1	0.0	48.6

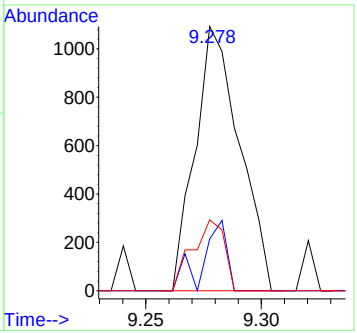


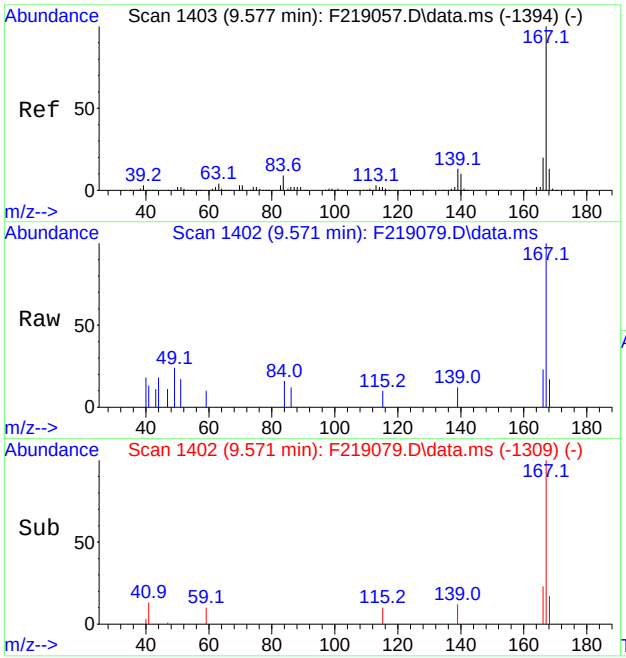


#78
Anthracene
Concen: 0.1864 ppm
RT: 9.278 min Scan# 1347
Delta R.T. -0.016 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:178 Resp: 1459

Ion	Ratio	Lower	Upper
178	100		
179	19.6	0.0	44.8
176	26.8	0.0	47.7

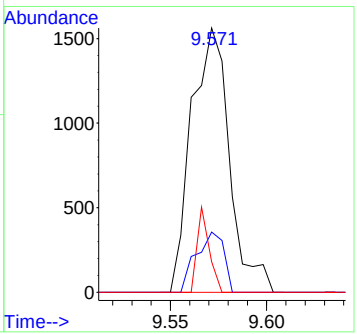


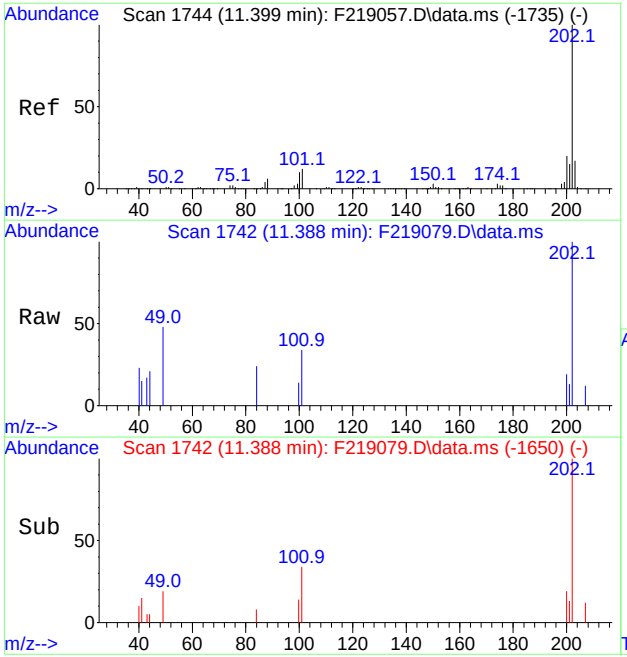


#79
Carbazole
Concen: 0.2978 ppm
RT: 9.571 min Scan# 1402
Delta R.T. -0.006 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:167 Resp: 2145

Ion	Ratio	Lower	Upper
167	100		
166	22.8	0.0	50.5
139	11.6	0.0	42.8

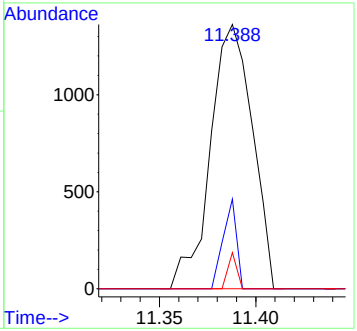


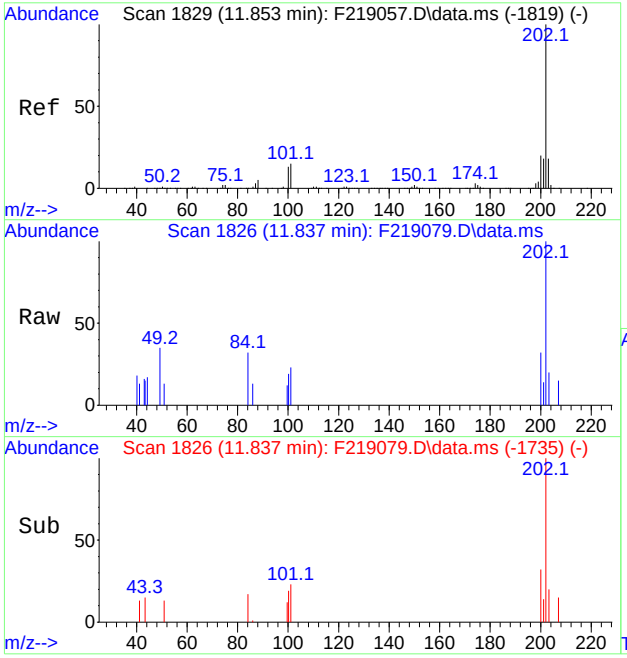


#81
Fluoranthene
Concen: 0.2480 ppm
RT: 11.388 min Scan# 1742
Delta R.T. -0.011 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:202 Resp: 2066

Ion	Ratio	Lower	Upper
202	100		
101	33.9	0.0	42.4
100	13.7	0.0	40.3

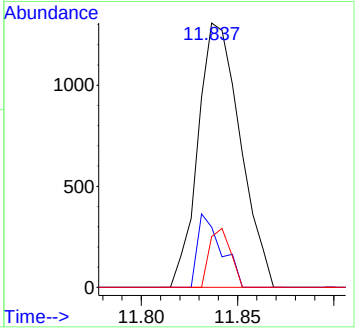


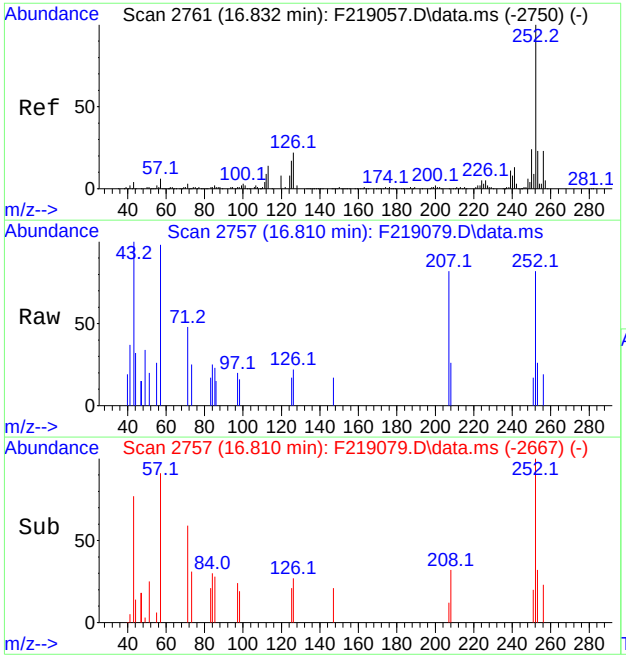


#85
Pyrene
Concen: 0.2617 ppm
RT: 11.837 min Scan# 1826
Delta R.T. -0.016 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:202 Resp: 1997

Ion	Ratio	Lower	Upper
202	100		
101	22.8	0.0	45.4
100	19.3	0.0	42.5

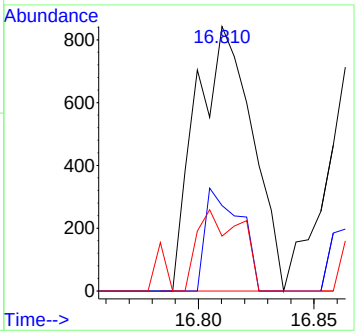


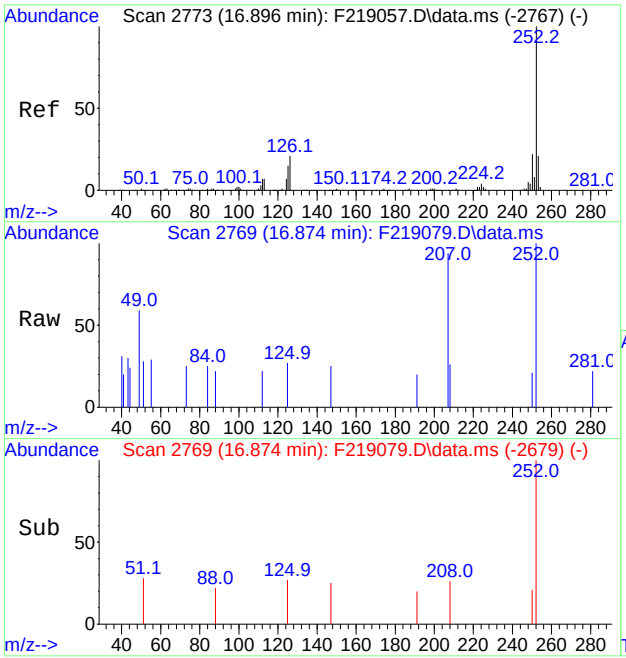


#94
Benzo[b]fluoranthene
Concen: 0.2126 ppm
RT: 16.810 min Scan# 2757
Delta R.T. -0.022 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:252 Resp: 1437

Ion	Ratio	Lower	Upper
252	100		
253	32.3	0.0	52.8
125	11.6	0.0	46.6

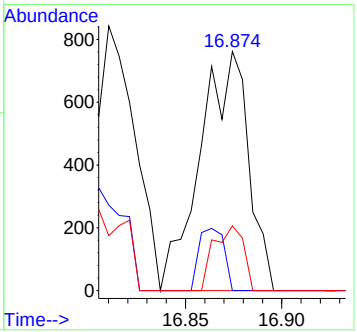


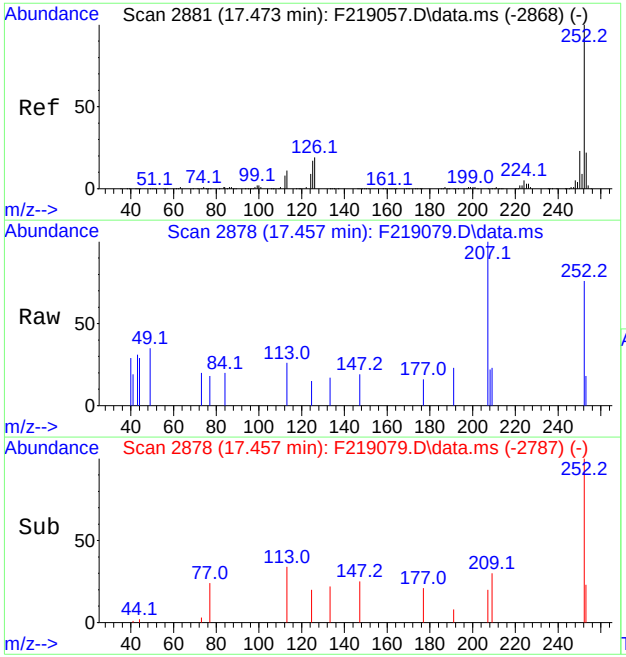


#95
Benzo[k]fluoranthene
Concen: 0.2045 ppm
RT: 16.874 min Scan# 2769
Delta R.T. -0.022 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:252 Resp: 1333

Ion	Ratio	Lower	Upper
252	100		
253	0.0	0.0	51.5
125	27.1	0.0	45.2

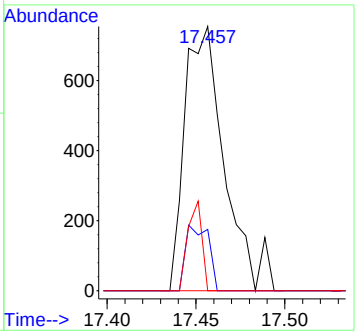


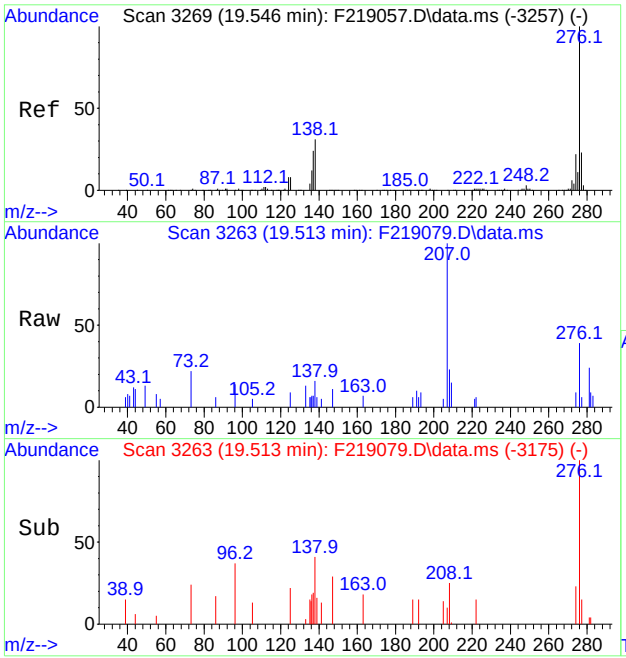


#96
Benzo[a]pyrene
Concen: 0.2154 ppm
RT: 17.457 min Scan# 2878
Delta R.T. -0.016 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:252 Resp: 1177

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	51.5
125	0.0	0.0	46.5

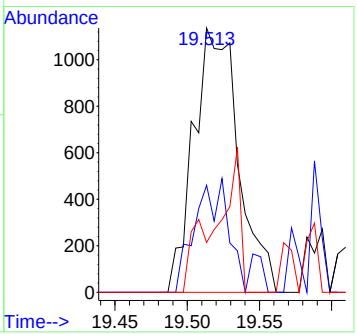


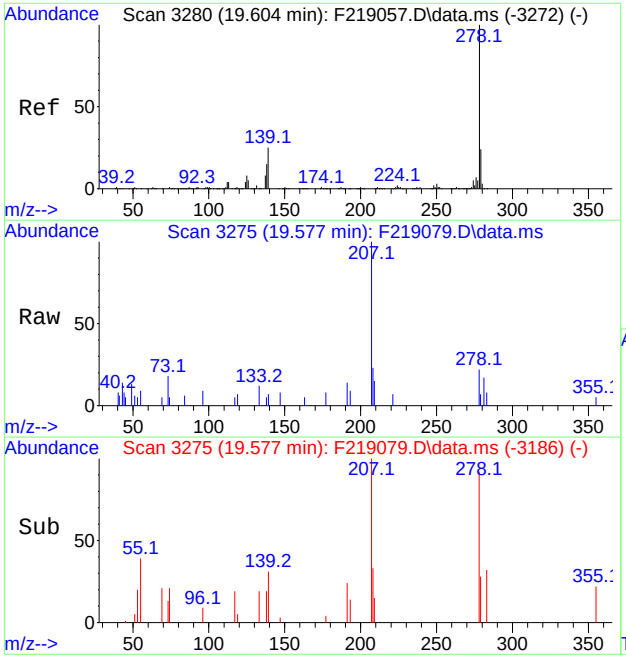


#97
Indeno[1,2,3-cd]pyrene
Concen: 0.4314 ppm
RT: 19.513 min Scan# 3263
Delta R.T. -0.032 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:276 Resp: 2445

Ion	Ratio	Lower	Upper
276	100		
138	40.5	0.0	59.6
137	9.5	0.0	53.8

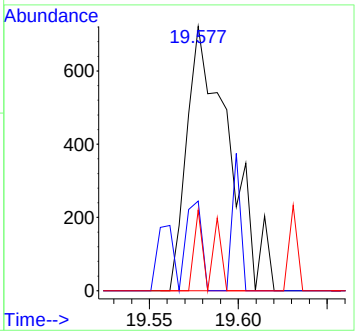


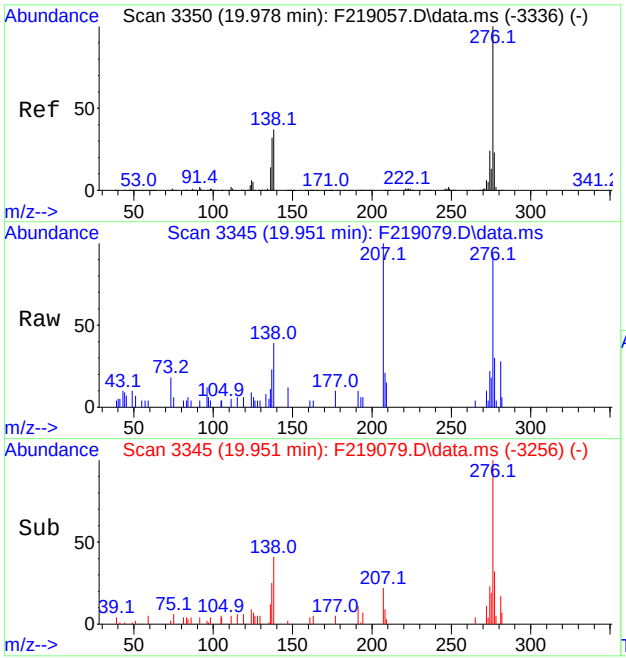


#99
Dibenz[a,h]anthracene
Concen: 0.1868 ppm
RT: 19.577 min Scan# 3275
Delta R.T. -0.027 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:278 Resp: 1198

Ion	Ratio	Lower	Upper
278	100		
139	22.0	0.0	54.8
279	30.5	0.0	54.2

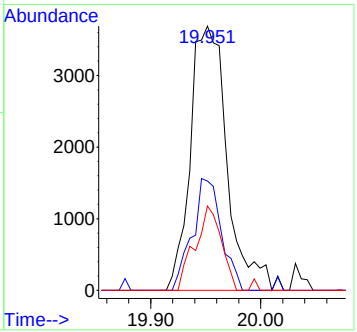




#101
Benzo[g,h,i]perylene
Concen: 1.2868 ppm
RT: 19.951 min Scan# 3345
Delta R.T. -0.027 min
Lab File: F219079.D
Acq: 20 Feb 2024 7:30 pm

Tgt Ion:276 Resp: 8590

Ion	Ratio	Lower	Upper
276	100		
138	41.4	6.8	66.8
277	31.9	0.0	53.3



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219080.D
Acq On : 20 Feb 2024 7:56 pm
Operator : karimam
Sample : jd82517-2 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 21 07:03:04 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration

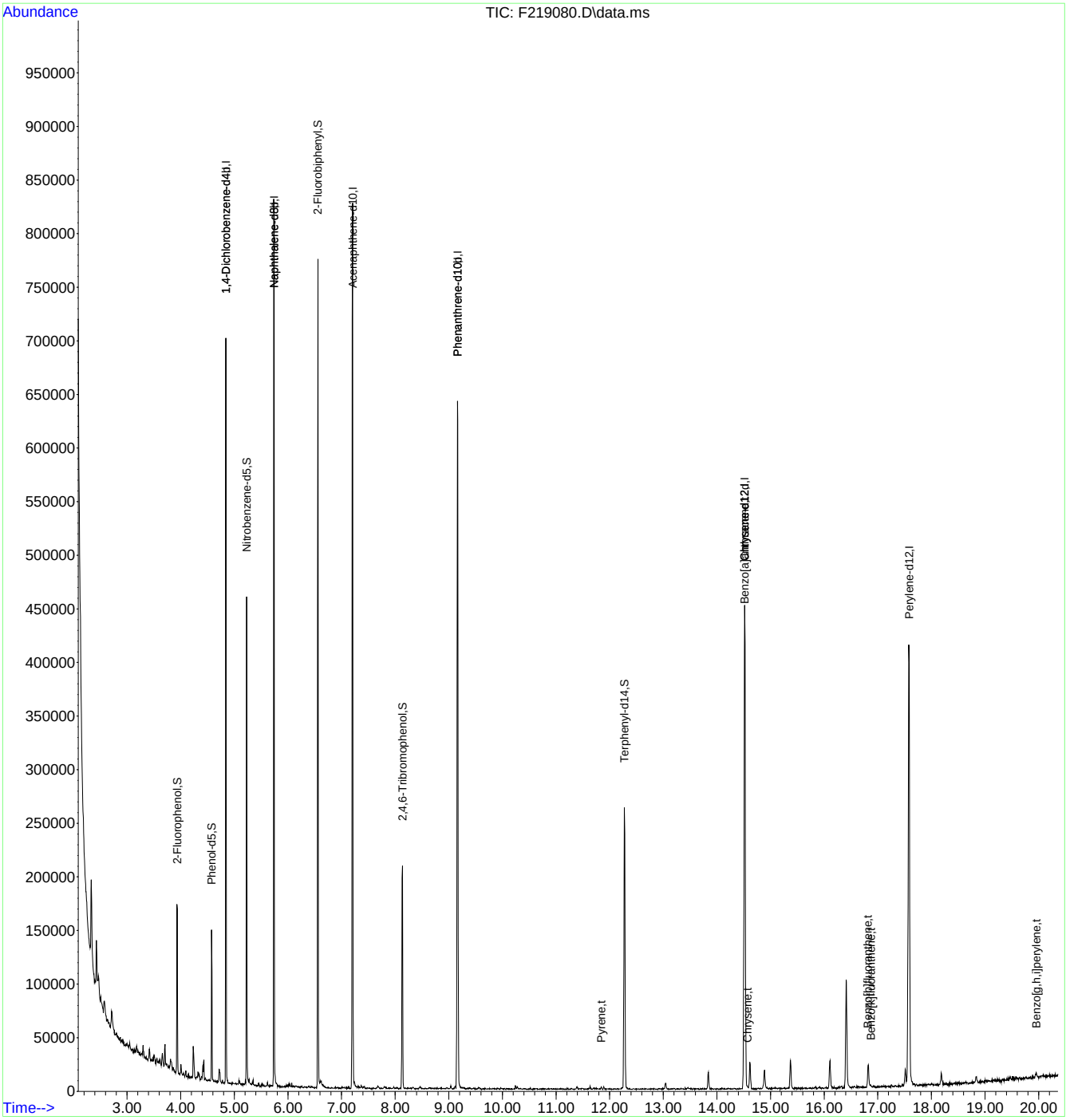
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.844	152	83614	40.00	ppm	0.00
24) Naphthalene-d8	5.741	136	318474	40.00	ppm	0.00
46) Acenaphthene-d10	7.205	164	186299	40.00	ppm	0.00
69) Phenanthrene-d10	9.160	188	319148	40.00	ppm	0.00
83) Chrysene-d12	14.519	240	254611	40.00	ppm	0.00
92) Perylene-d12	17.585	264	254548	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4b	4.844	152	83614	40.00	ppm	0.00
104) Phenanthrene-d10b	9.160	188	319148	40.00	ppm	0.00
106) Naphthalene-d8b	5.741	136	318474	40.00	ppm	0.00
108) Chrysene-d12d	14.519	240	254611	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.936	112	37075	16.11	ppm	0.00
Spiked Amount 50.000			Recovery = 32.22%			
8) Phenol-d5	4.577	99	33000	12.23	ppm	0.00
Spiked Amount 50.000			Recovery = 24.46%			
25) Nitrobenzene-d5	5.228	82	96630	41.38	ppm	0.00
Spiked Amount 50.000			Recovery = 82.76%			
51) 2-Fluorobiphenyl	6.559	172	195145	31.32	ppm	0.00
Spiked Amount 50.000			Recovery = 62.64%			
73) 2,4,6-Tribromophenol	8.135	330	23154	24.66	ppm	0.00
Spiked Amount 50.000			Recovery = 49.32%			
86) Terphenyl-d14	12.275	244	126027	20.61	ppm	0.00
Spiked Amount 50.000			Recovery = 41.22%			
Target Compounds						Qvalue
85) Pyrene	11.842	202	1288	0.1648	ppm	81
88) Benzo[a]anthracene	14.513	228	1846	0.2472	ppm	54
90) Chrysene	14.572	228	1040	0.1407	ppm	79
94) Benzo[b]fluoranthene	16.810	252	1465	0.2142	ppm	70
95) Benzo[k]fluoranthene	16.869	252	1294	0.1961	ppm	76
101) Benzo[g,h,i]perylene	19.957	276	2072	0.3066	ppm	87

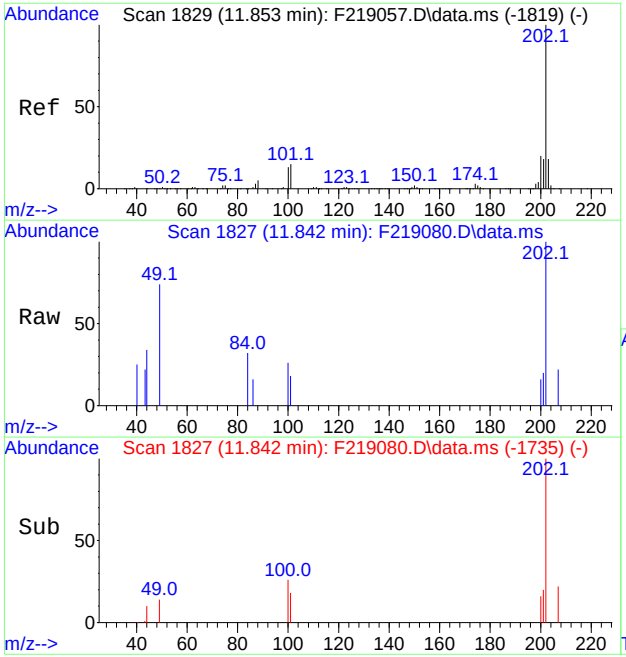
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219080.D
Acq On : 20 Feb 2024 7:56 pm
Operator : karimam
Sample : jd82517-2 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 21 07:03:04 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration

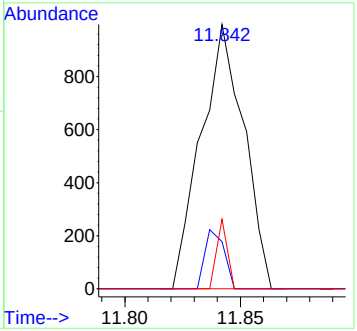


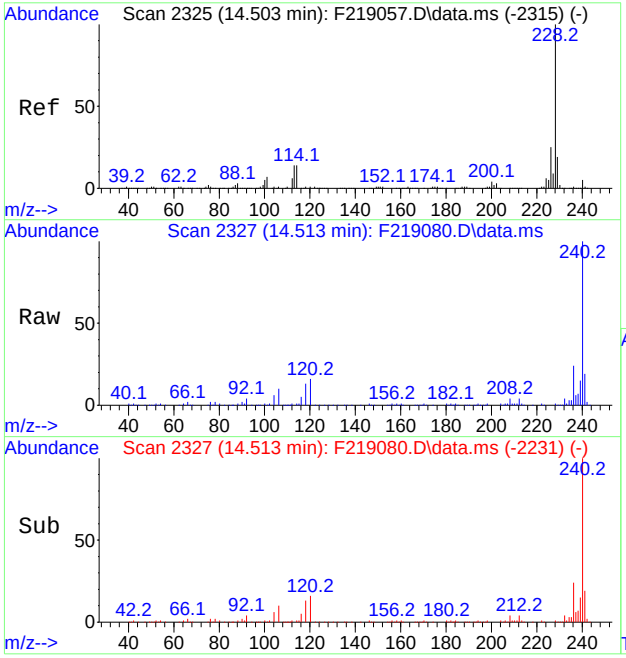


#85
Pyrene
Concen: 0.1648 ppm
RT: 11.842 min Scan# 1827
Delta R.T. -0.011 min
Lab File: F219080.D
Acq: 20 Feb 2024 7:56 pm

Tgt Ion:202 Resp: 1288

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	45.4
100	26.3	0.0	42.5

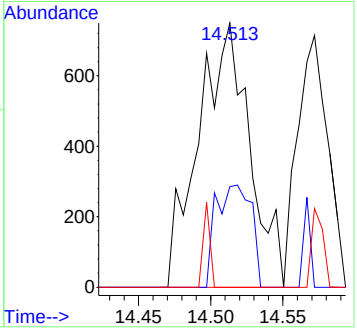


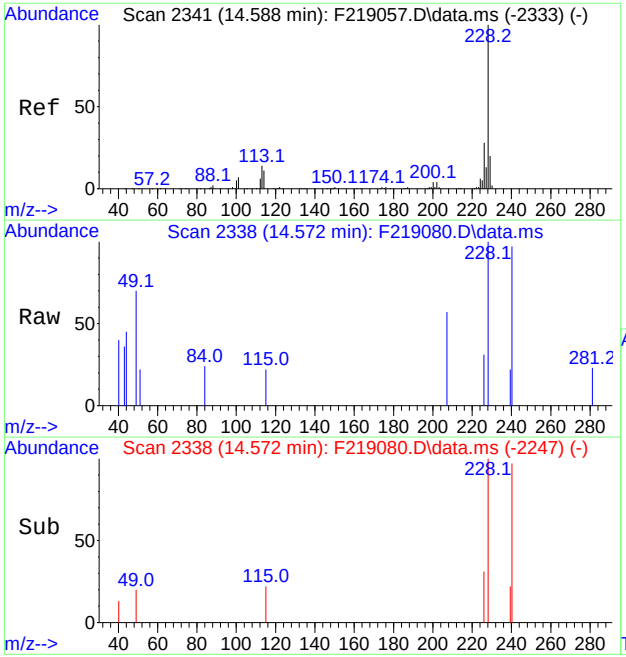


#88
Benzo[a]anthracene
Concen: 0.2472 ppm
RT: 14.513 min Scan# 2327
Delta R.T. 0.011 min
Lab File: F219080.D
Acq: 20 Feb 2024 7:56 pm

Tgt Ion:228 Resp: 1846

Ion	Ratio	Lower	Upper
228	100		
229	38.0	0.0	49.4
226	0.0	0.0	54.9

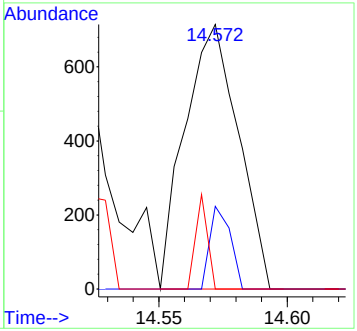


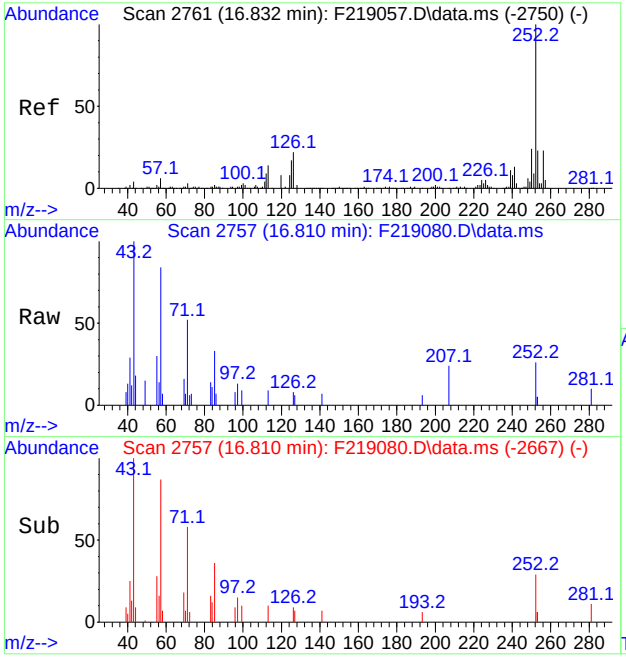


#90
Chrysene
Concen: 0.1407 ppm
RT: 14.572 min Scan# 2338
Delta R.T. -0.016 min
Lab File: F219080.D
Acq: 20 Feb 2024 7:56 pm

Tgt Ion:228 Resp: 1040

Ion	Ratio	Lower	Upper
228	100		
226	31.2	0.0	58.2
229	0.0	0.0	49.8

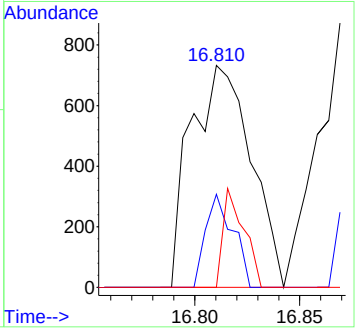


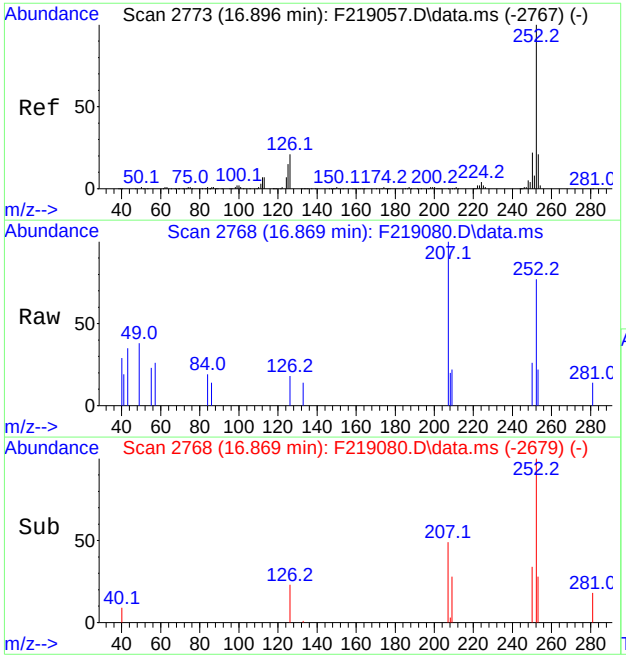


#94
Benzo[b]fluoranthene
Concen: 0.2142 ppm
RT: 16.810 min Scan# 2757
Delta R.T. -0.021 min
Lab File: F219080.D
Acq: 20 Feb 2024 7:56 pm

Tgt Ion:252 Resp: 1465

Ion	Ratio	Lower	Upper
252	100		
253	34.6	0.0	52.8
125	0.0	0.0	46.6

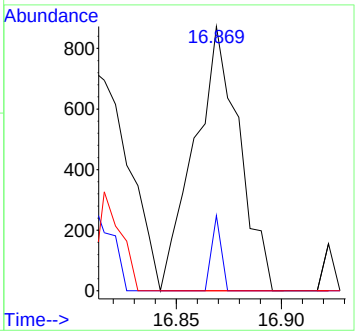


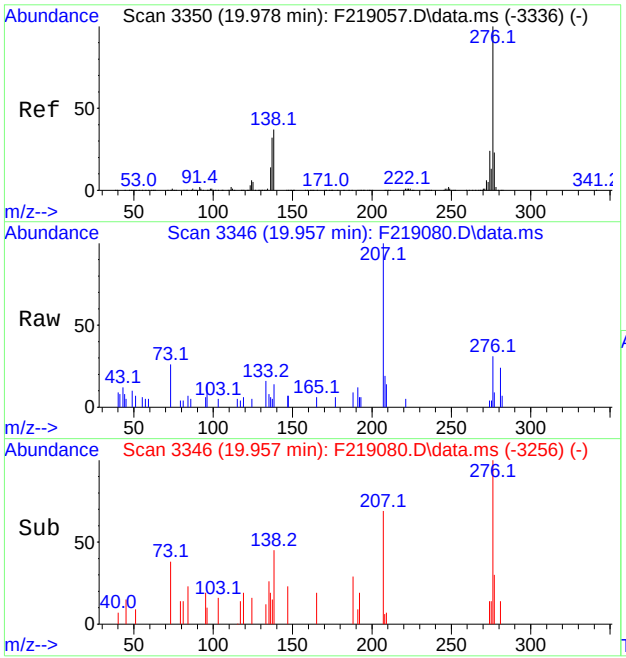


#95
Benzo[k]fluoranthene
Concen: 0.1961 ppm
RT: 16.869 min Scan# 2768
Delta R.T. -0.027 min
Lab File: F219080.D
Acq: 20 Feb 2024 7:56 pm

Tgt Ion:252 Resp: 1294

Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	51.5
125	0.0	0.0	45.2

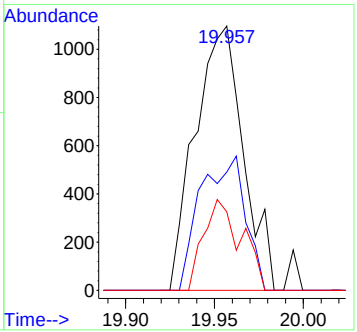




#101
Benzo[g,h,i]perylene
Concen: 0.3066 ppm
RT: 19.957 min Scan# 3346
Delta R.T. -0.021 min
Lab File: F219080.D
Acq: 20 Feb 2024 7:56 pm

Tgt Ion:276 Resp: 2072

Ion	Ratio	Lower	Upper
276	100		
138	44.8	6.8	66.8
277	29.7	0.0	53.3



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5392.D
Acq On : 21 Feb 2024 08:10 pm
Operator : karimam
Sample : jd82517-3 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,50
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Feb 22 03:28:07 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 03:13:42 2024
Response via : Initial Calibration

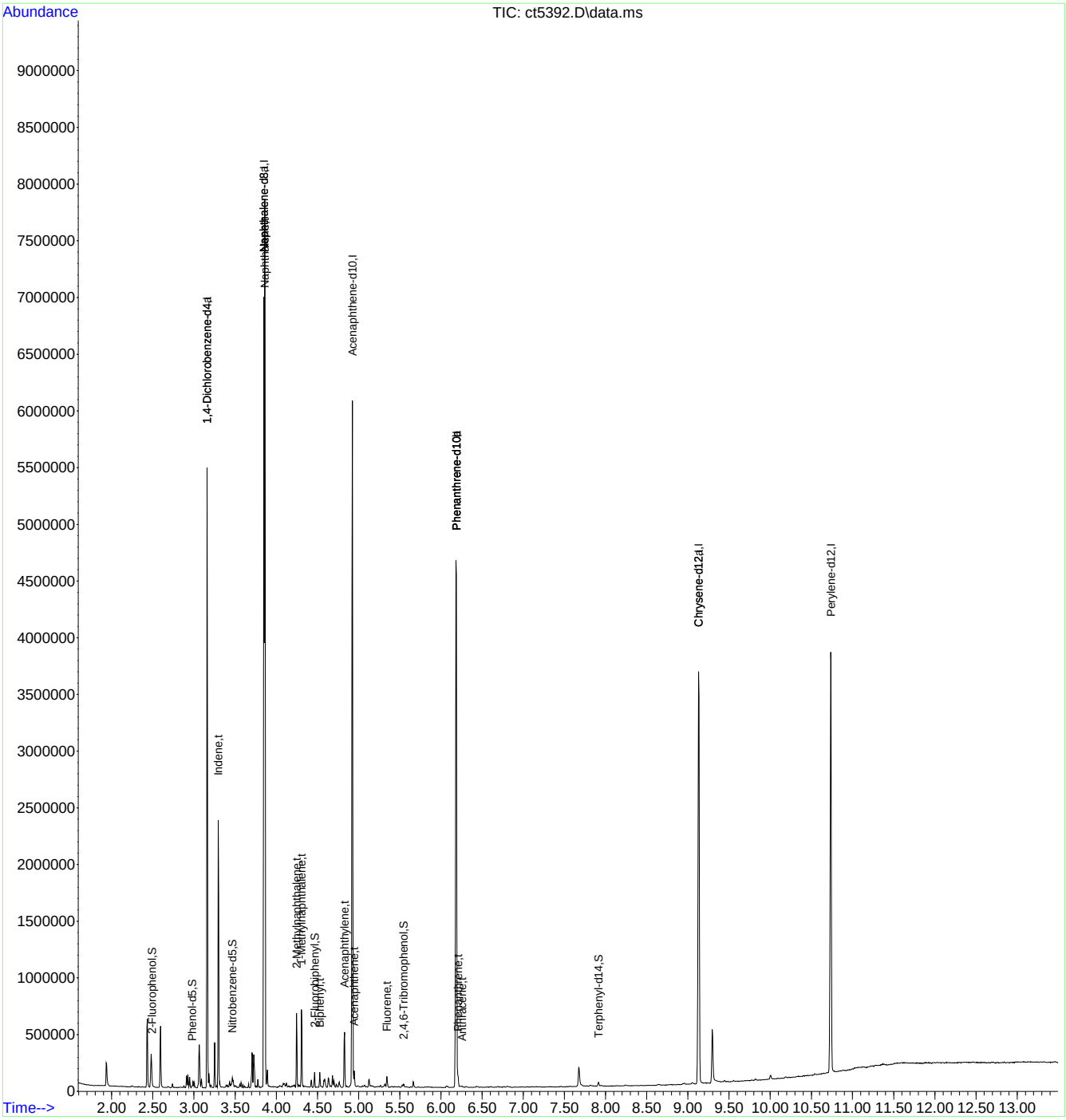
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.160	152	497602	40.00	ppm	0.00
24) Naphthalene-d8	3.850	136	1830080	40.00	ppm	0.00
46) Acenaphthene-d10	4.925	164	972168	40.00	ppm	0.00
69) Phenanthrene-d10	6.187	188	1667540	40.00	ppm	0.00
84) Chrysene-d12	9.129	240	1265300	40.00	ppm	-0.01
93) Perylene-d12	10.739	264	1402412	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.160	152	497602	40.00	ppm	0.00
105) Phenanthrene-d10a	6.187	188	1667540	40.00	ppm	0.00
107) Naphthalene-d8a	3.850	136	1830080	40.00	ppm	0.00
109) Phenanthrene-d10b	6.187	188	1667540	40.00	ppm	0.00
112) Chrysene-d12a	9.129	240	1265300	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.491	112	5453	0.31	ppm	0.00
Spiked Amount 50.000			Recovery =	0.62%		
8) Phenol-d5	2.978	99	4779	0.23	ppm	0.00
Spiked Amount 50.000			Recovery =	0.46%		
25) Nitrobenzene-d5	3.465	82	16308	0.88	ppm	0.00
Spiked Amount 50.000			Recovery =	1.76%		
51) 2-Fluorobiphenyl	4.465	172	26022	0.81	ppm	0.00
Spiked Amount 50.000			Recovery =	1.62%		
74) 2,4,6-Tribromophenol	5.545	330	2124	0.50	ppm	0.00
Spiked Amount 50.000			Recovery =	1.00%		
87) Terphenyl-d14	7.915	244	9856	0.28	ppm	0.00
Spiked Amount 50.000			Recovery =	0.56%		
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
6) Indene	3.293	116	439765	15.2729	ppm	99
38) Naphthalene	3.860	128	2181007	45.2028	ppm	100
44) 2-Methylnaphthalene	4.246	141	99878	3.5469	ppm	99
45) 1-Methylnaphthalene	4.304	141	111437	3.8504	ppm	99
53) Biphenyl	4.529	154	24949	0.6772	ppm	99
56) Acenaphthylene	4.829	152	158269	3.5654	ppm	99
59) Acenaphthene	4.946	153	20262	0.6749	ppm	96
66) Fluorene	5.342	166	20559	0.6610	ppm	97
78) Phenanthrene	6.209	178	32321	0.7168	ppm	96
79) Anthracene	6.257	178	3368	0.0737	ppm	94

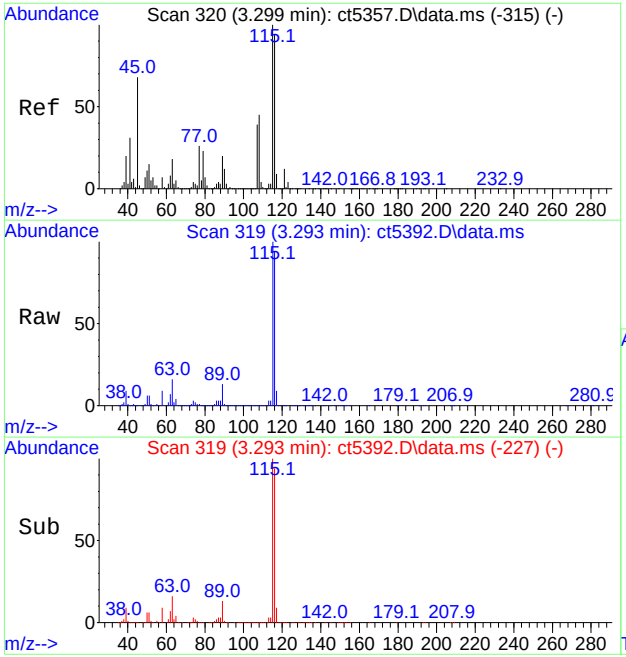
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5392.D
Acq On : 21 Feb 2024 08:10 pm
Operator : karimam
Sample : jd82517-3 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,50
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Feb 22 03:28:07 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 03:13:42 2024
Response via : Initial Calibration

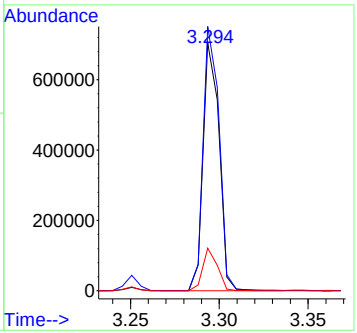


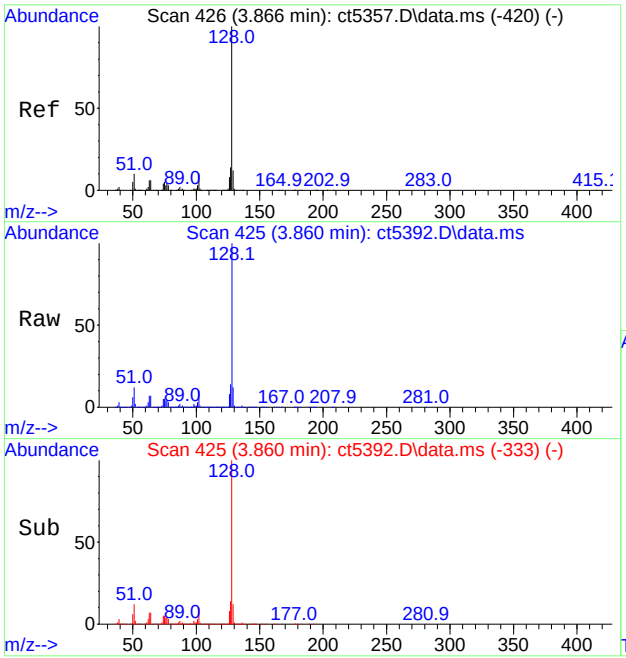


#6
Indene
Concen: 15.2729 ppm
RT: 3.293 min Scan# 319
Delta R.T. -0.005 min
Lab File: ct5392.D
Acq: 21 Feb 2024 08:10 pm

Tgt Ion:116 Resp: 439765

Ion	Ratio	Lower	Upper
116	100		
115	106.7	76.2	136.2
63	17.2	0.0	49.3

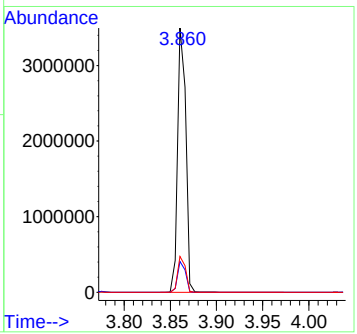


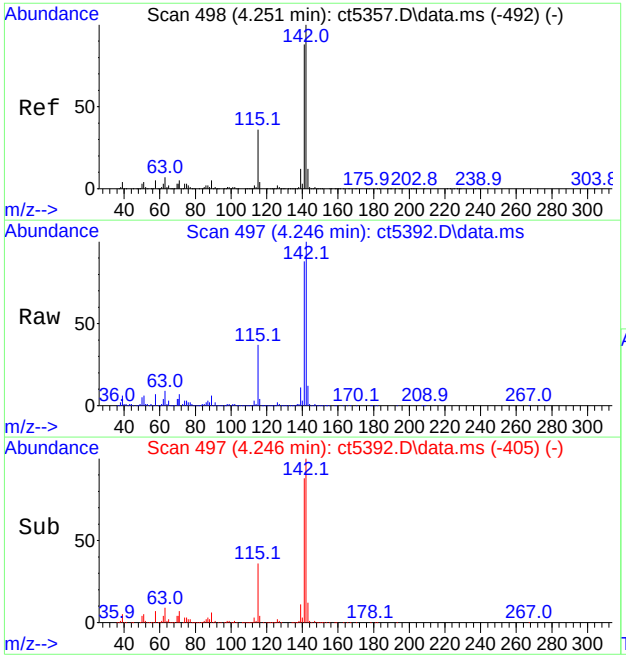


#38
Naphthalene
Concen: 45.2028 ppm
RT: 3.860 min Scan# 425
Delta R.T. -0.005 min
Lab File: ct5392.D
Acq: 21 Feb 2024 08:10 pm

Tgt Ion:128 Resp: 2181007

Ion	Ratio	Lower	Upper
128	100		
129	11.6	0.0	41.6
127	13.6	0.0	43.7

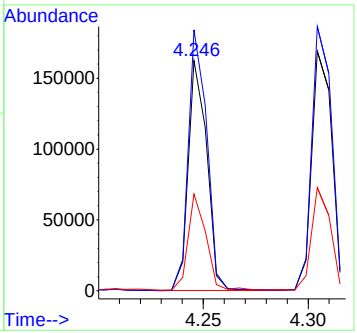


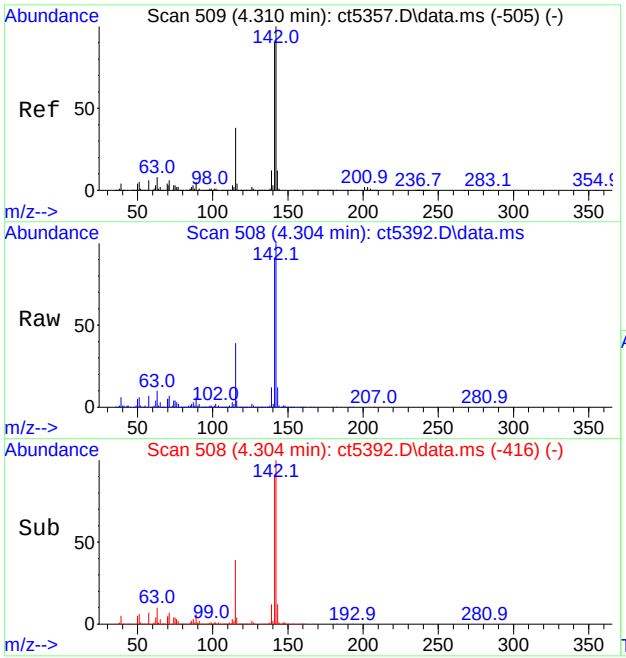


#44
2-Methylnaphthalene
Concen: 3.5469 ppm
RT: 4.246 min Scan# 497
Delta R.T. -0.005 min
Lab File: ct5392.D
Acq: 21 Feb 2024 08:10 pm

Tgt Ion:141 Resp: 99878

Ion	Ratio	Lower	Upper
141	100		
142	113.3	83.9	143.9
115	41.7	10.8	70.8

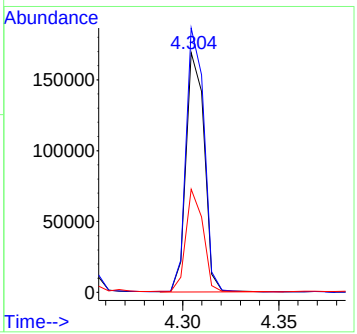


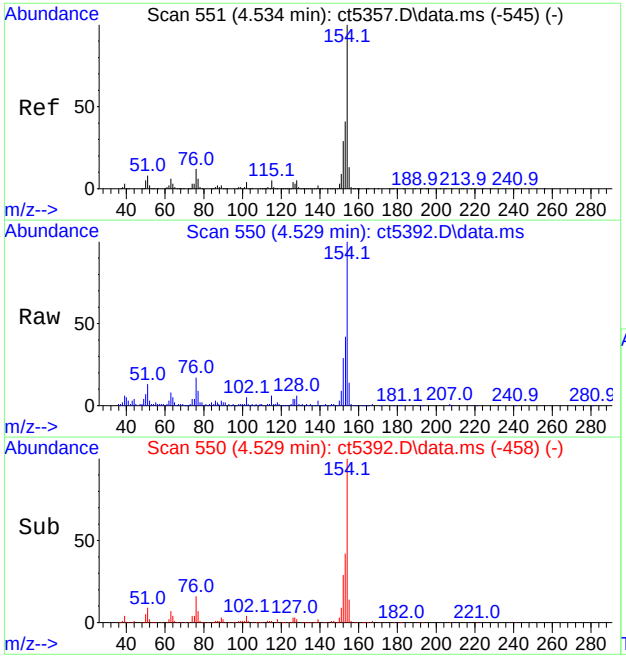


#45
1-Methylnaphthalene
Concen: 3.8504 ppm
RT: 4.304 min Scan# 508
Delta R.T. -0.005 min
Lab File: ct5392.D
Acq: 21 Feb 2024 08:10 pm

Tgt Ion:141 Resp: 111437

Ion	Ratio	Lower	Upper
141	100		
142	110.3	80.7	140.7
115	42.8	11.8	71.8

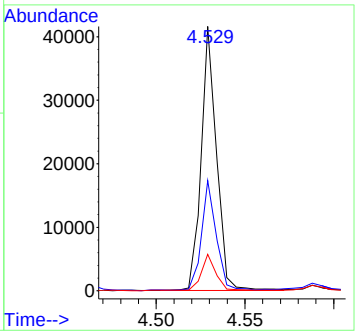


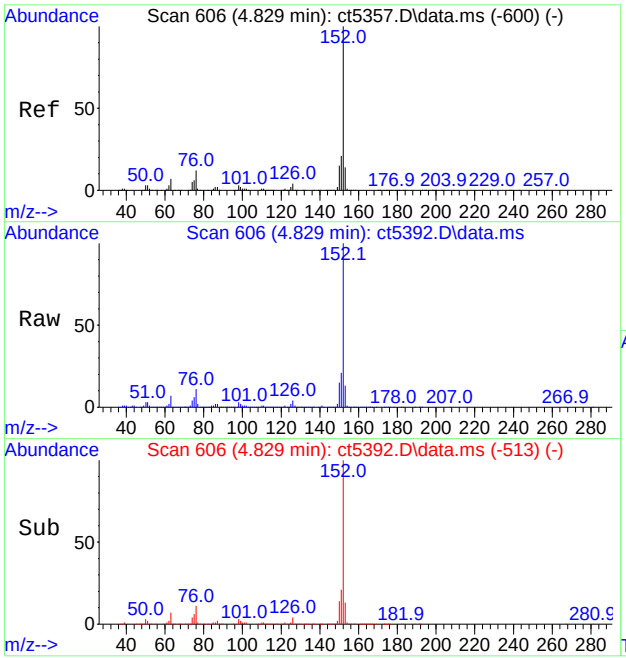


#53
Biphenyl
Concen: 0.6772 ppm
RT: 4.529 min Scan# 550
Delta R.T. -0.005 min
Lab File: ct5392.D
Acq: 21 Feb 2024 08:10 pm

Tgt Ion:154 Resp: 24949

Ion	Ratio	Lower	Upper
154	100		
153	41.3	10.7	70.7
155	13.6	0.0	43.2

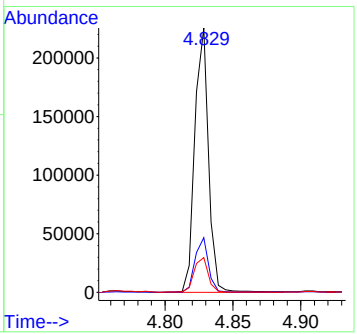


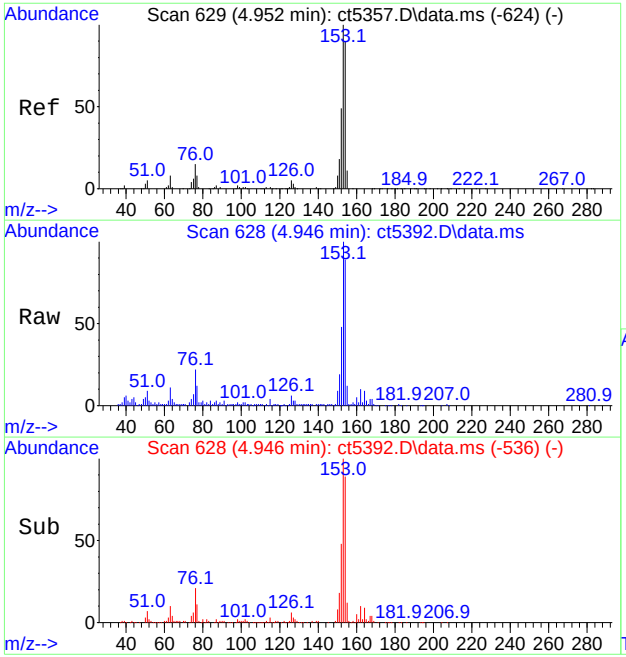


#56
Acenaphthylene
Concen: 3.5654 ppm
RT: 4.829 min Scan# 606
Delta R.T. 0.000 min
Lab File: ct5392.D
Acq: 21 Feb 2024 08:10 pm

Tgt Ion:152 Resp: 158269

Ion	Ratio	Lower	Upper
152	100		
151	20.6	0.0	50.5
153	13.1	0.0	43.9

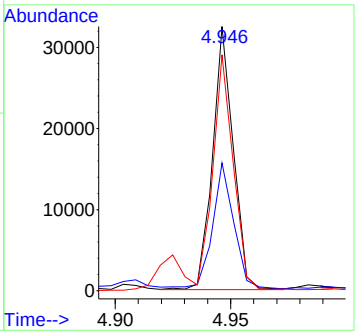


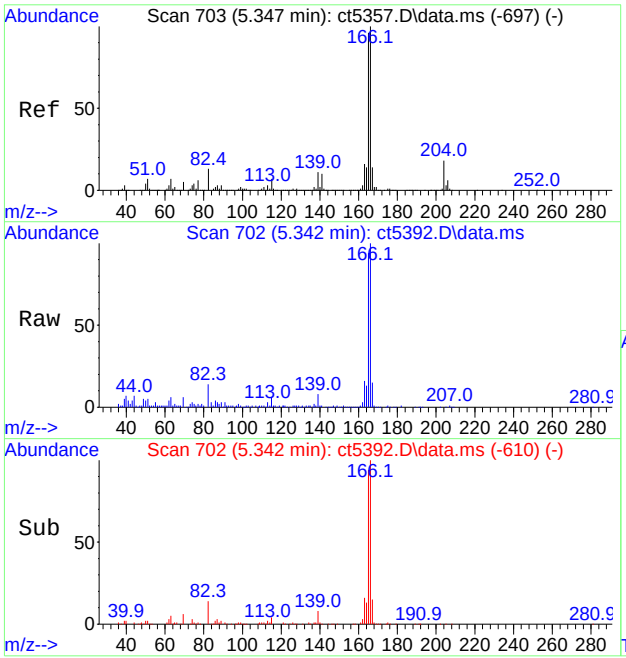


#59
Acenaphthene
Concen: 0.6749 ppm
RT: 4.946 min Scan# 628
Delta R.T. -0.005 min
Lab File: ct5392.D
Acq: 21 Feb 2024 08:10 pm

Tgt Ion:153 Resp: 20262

Ion	Ratio	Lower	Upper
153	100		
152	47.7	18.5	78.5
154	84.7	60.0	120.0

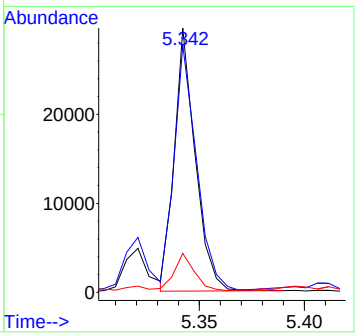


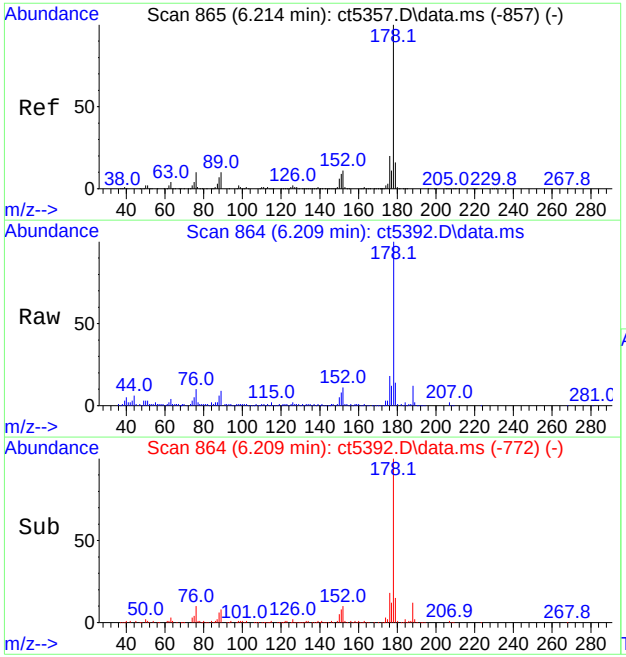


#66
Fluorene
Concen: 0.6610 ppm
RT: 5.342 min Scan# 702
Delta R.T. -0.005 min
Lab File: ct5392.D
Acq: 21 Feb 2024 08:10 pm

Tgt Ion:166 Resp: 20559

Ion	Ratio	Lower	Upper
166	100		
165	93.0	66.0	126.0
167	13.4	0.0	43.6

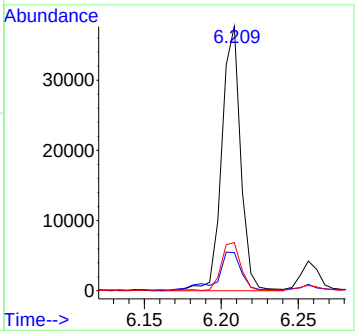


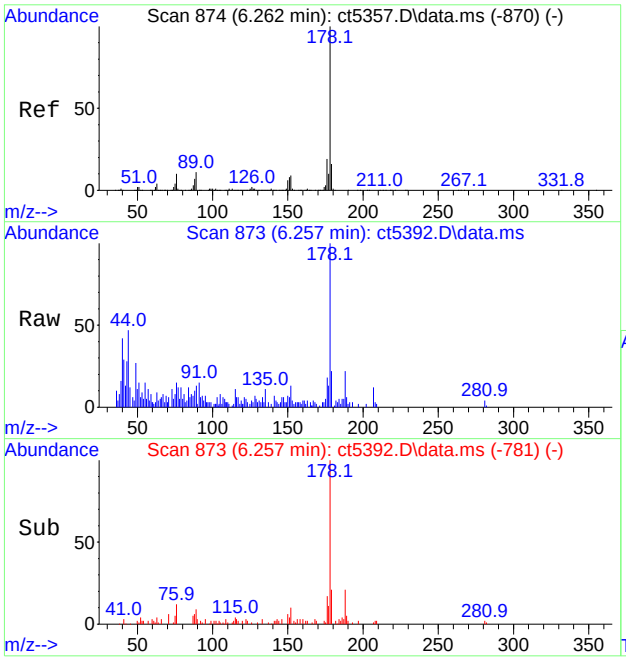


#78
Phenanthrene
Concen: 0.7168 ppm
RT: 6.209 min Scan# 864
Delta R.T. -0.005 min
Lab File: ct5392.D
Acq: 21 Feb 2024 08:10 pm

Tgt Ion:178 Resp: 32321

Ion	Ratio	Lower	Upper
178	100		
179	14.1	0.0	45.6
176	18.0	0.0	49.7

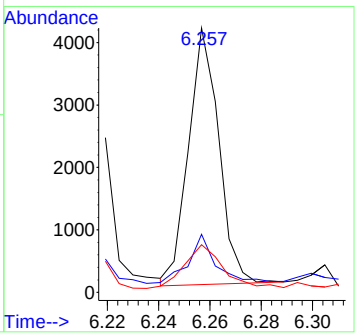




#79
Anthracene
Concen: 0.0737 ppm
RT: 6.257 min Scan# 873
Delta R.T. -0.005 min
Lab File: ct5392.D
Acq: 21 Feb 2024 08:10 pm

Tgt Ion:178 Resp: 3368

Ion	Ratio	Lower	Upper
178	100		
179	18.9	0.0	45.7
176	16.8	0.0	49.2



Manual Integrations APPROVED (compounds with "m" flag)
Jeryll Fabriene Reyes 02/22/24 04:10

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219081.D
Acq On : 20 Feb 2024 8:23 pm
Operator : karimam
Sample : jd82517-3 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 21 07:08:48 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration

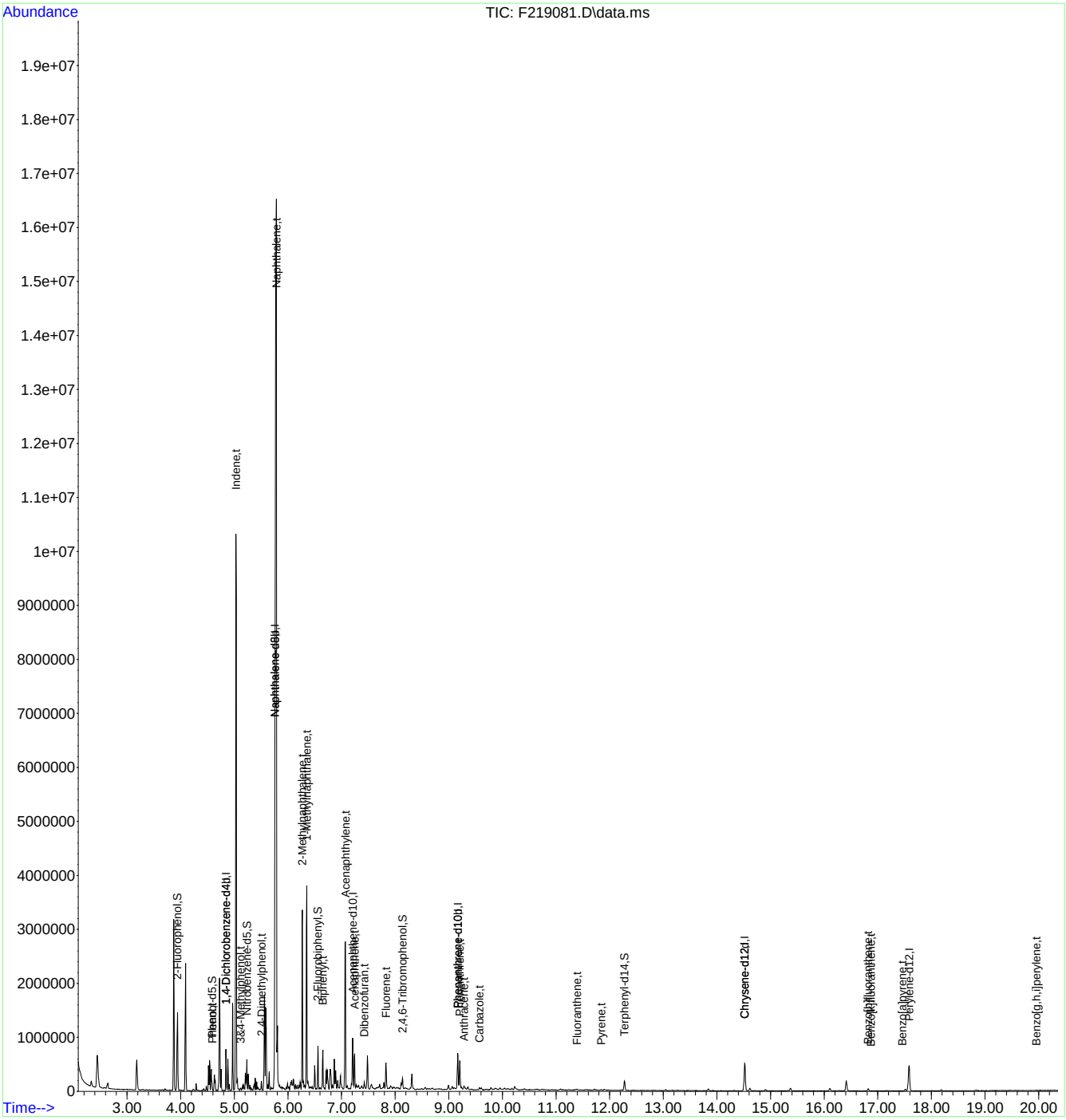
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	4.844	152	88637	40.00	ppm		0.00
24) Naphthalene-d8	5.757	136	339135	40.00	ppm		0.02
46) Acenaphthene-d10	7.205	164	200289	40.00	ppm		0.00
69) Phenanthrene-d10	9.166	188	344074	40.00	ppm		0.00
83) Chrysene-d12	14.518	240	273160	40.00	ppm		0.00
92) Perylene-d12	17.585	264	280254	40.00	ppm		0.00
102) 1,4-Dichlorobenzene-d4b	4.844	152	88637	40.00	ppm		0.00
104) Phenanthrene-d10b	9.166	188	344074	40.00	ppm		0.00
106) Naphthalene-d8b	5.757	136	339135	40.00	ppm	#	0.02
108) Chrysene-d12d	14.518	240	273160	40.00	ppm		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.935	112	32021	13.12	ppm		0.00
Spiked Amount 50.000			Recovery = 26.24%				
8) Phenol-d5	4.582	99	29940	10.46	ppm		0.00
Spiked Amount 50.000			Recovery = 20.92%				
25) Nitrobenzene-d5	5.234	82	109050	43.85	ppm		0.00
Spiked Amount 50.000			Recovery = 87.70%				
51) 2-Fluorobiphenyl	6.559	172	205032	30.61	ppm		0.00
Spiked Amount 50.000			Recovery = 61.22%				
73) 2,4,6-Tribromophenol	8.134	330	20599	20.35	ppm		0.00
Spiked Amount 50.000			Recovery = 40.70%				
86) Terphenyl-d14	12.275	244	83085	12.67	ppm		0.00
Spiked Amount 50.000			Recovery = 25.34%				
Target Compounds							Qvalue
6) Indene	5.031	116	2966066	656.4562	ppm		98
9) Phenol	4.593	94	7704	2.4585	ppm		63
21) 3&4-Methylphenol	5.116	108	1168	0.4648	ppm		92
30) 2,4-Dimethylphenol	5.506	107	3160	1.2106	ppm		79
38) Naphthalene	5.784	128	12346102	1452.2325	ppm		87
44) 2-Methylnaphthalene	6.270	141	705778	144.5671	ppm		99
45) 1-Methylnaphthalene	6.350	142	905643	177.7314	ppm		99
53) Biphenyl	6.649	154	179370	24.2900	ppm		99
56) Acenaphthylene	7.071	152	1227321	173.9353	ppm		99
59) Acenaphthene	7.242	153	142602	22.7306	ppm		92
62) Dibenzofuran	7.424	168	33021	4.1136	ppm		92
66) Fluorene	7.830	166	162681	25.8019	ppm		97
77) Phenanthrene	9.203	178	238862	27.1945	ppm		98
78) Anthracene	9.283	178	27354	3.1791	ppm		99
79) Carbazole	9.572	167	21014	2.6539	ppm		94
81) Fluoranthene	11.388	202	5342	0.5833	ppm		91
85) Pyrene	11.842	202	4975	0.5934	ppm		86
94) Benzo[b]fluoranthene	16.816	252	1138m	0.1511	ppm		
95) Benzo[k]fluoranthene	16.869	252	894	0.1230	ppm		67
96) Benzo[a]pyrene	17.457	252	852	0.1399	ppm		70
101) Benzo[g,h,i]perylene	19.957	276	1454	0.1954	ppm	#	31

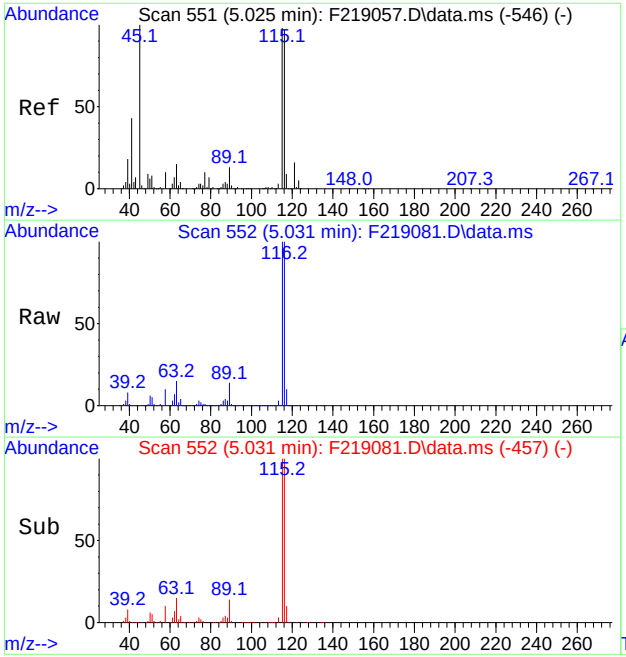
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219081.D
Acq On : 20 Feb 2024 8:23 pm
Operator : karimam
Sample : jd82517-3 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 21 07:08:48 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration

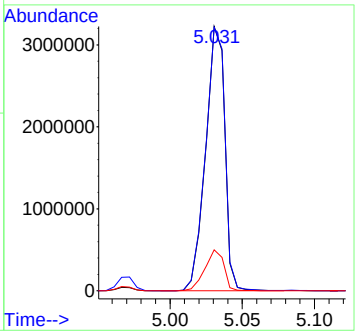


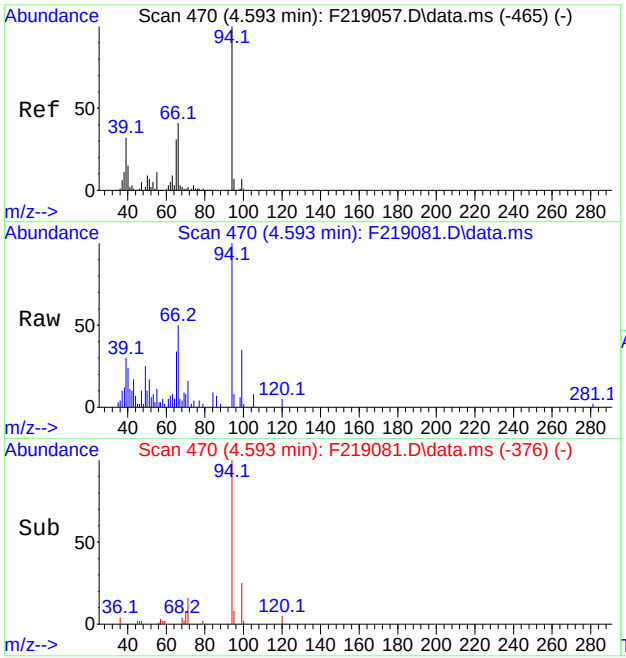


#6
Indene
Concen: 656.4562 ppm
RT: 5.031 min Scan# 552
Delta R.T. 0.005 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:116 Resp: 2966066

Ion	Ratio	Lower	Upper
116	100		
115	99.6	72.0	132.0
63	15.5	0.0	45.3

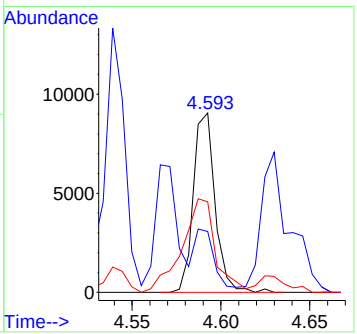


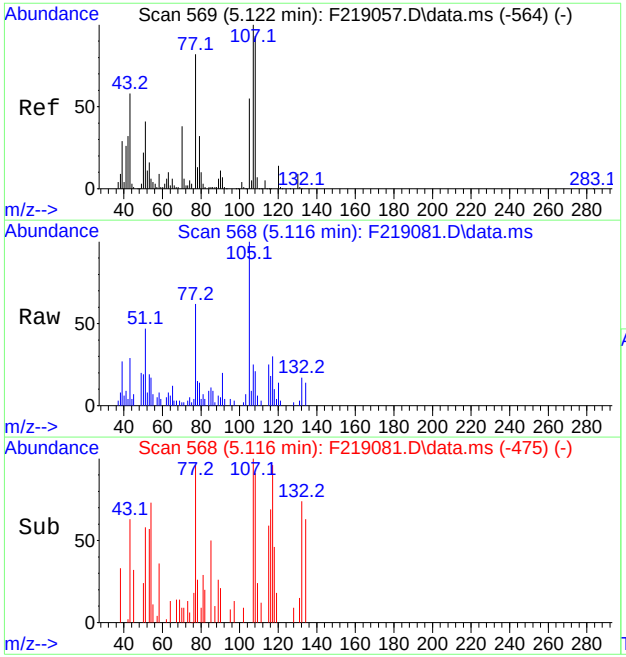


#9
Phenol
Concen: 2.4585 ppm
RT: 4.593 min Scan# 470
Delta R.T. -0.000 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion: 94 Resp: 7704

Ion	Ratio	Lower	Upper
94	100		
65	0.0	0.0	55.7
66	43.1	0.0	59.3

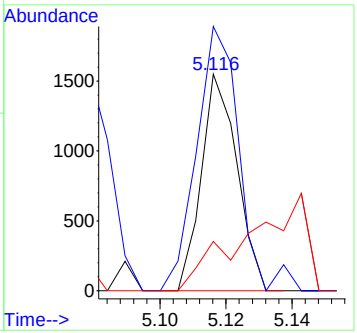


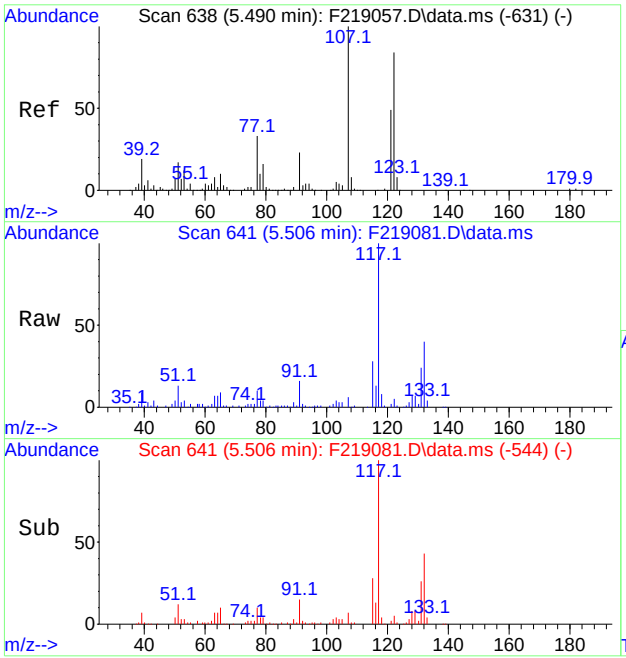


#21
3&4-Methylphenol
Concen: 0.4648 ppm
RT: 5.116 min Scan# 568
Delta R.T. -0.005 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:108 Resp: 1168

Ion	Ratio	Lower	Upper
108	100		
107	116.0	77.4	137.4
90	8.8	0.0	41.7

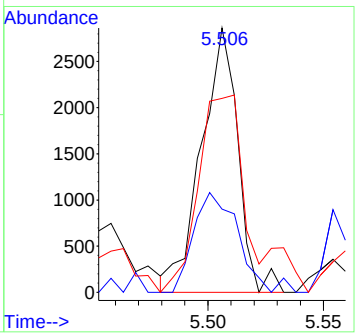


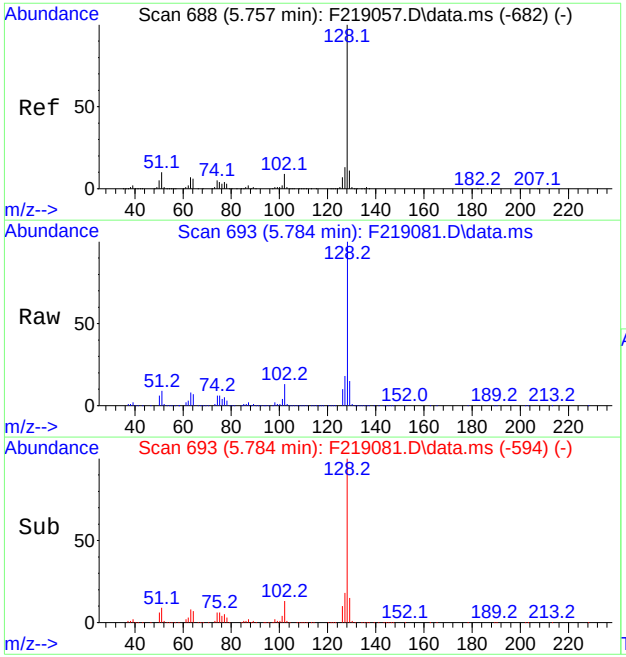


#30
2,4-Dimethylphenol
Concen: 1.2106 ppm
RT: 5.506 min Scan# 641
Delta R.T. 0.016 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:107 Resp: 3160

Ion	Ratio	Lower	Upper
107	100		
121	29.7	19.1	79.1
122	67.0	51.1	111.1

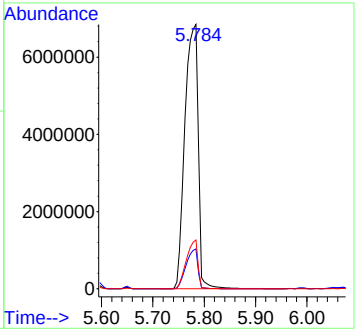


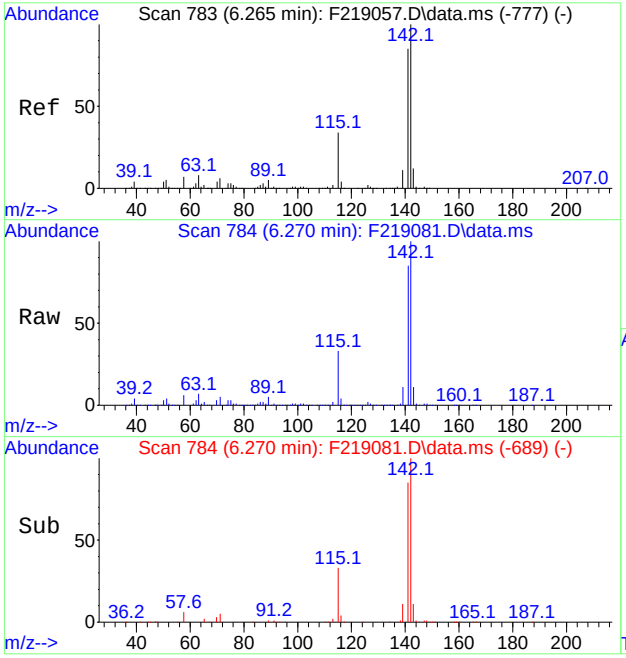


#38
Naphthalene
Concen: 1452.2325 ppm
RT: 5.784 min Scan# 693
Delta R.T. 0.027 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:128 Resp:12346102

Ion	Ratio	Lower	Upper
128	100		
129	15.1	0.0	40.7
127	18.4	0.0	42.6

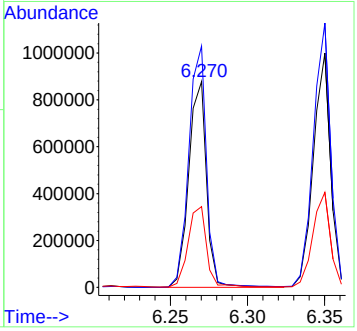


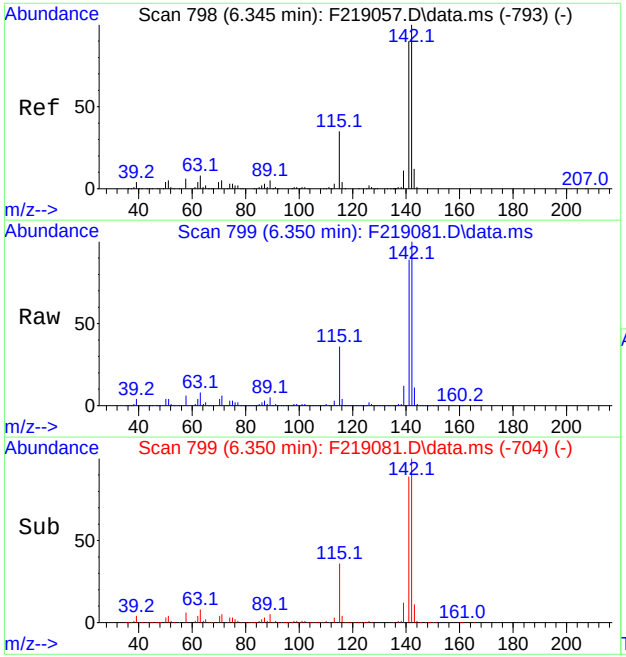


#44
2-Methylnaphthalene
Concen: 144.5671 ppm
RT: 6.270 min Scan# 784
Delta R.T. 0.005 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:141 Resp: 705778

Ion	Ratio	Lower	Upper
141	100		
142	117.4	87.1	147.1
115	39.2	10.0	70.0

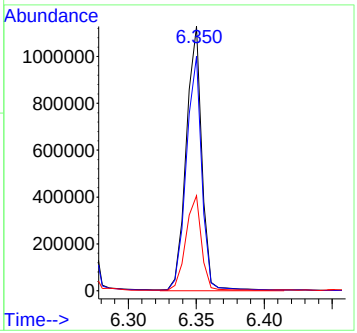


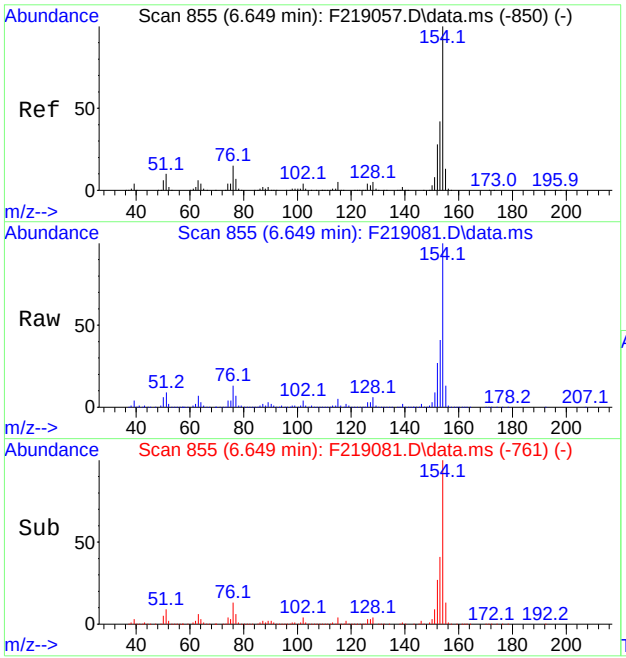


#45
1-Methylnaphthalene
Concen: 177.7314 ppm
RT: 6.350 min Scan# 799
Delta R.T. 0.005 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:142 Resp: 905643

Ion	Ratio	Lower	Upper
142	100		
141	88.6	59.9	119.9
115	35.8	5.3	65.3

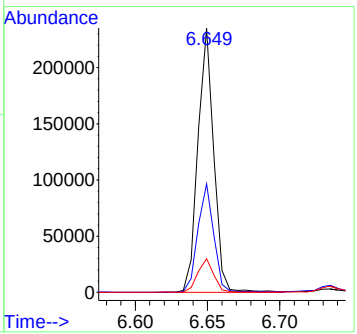


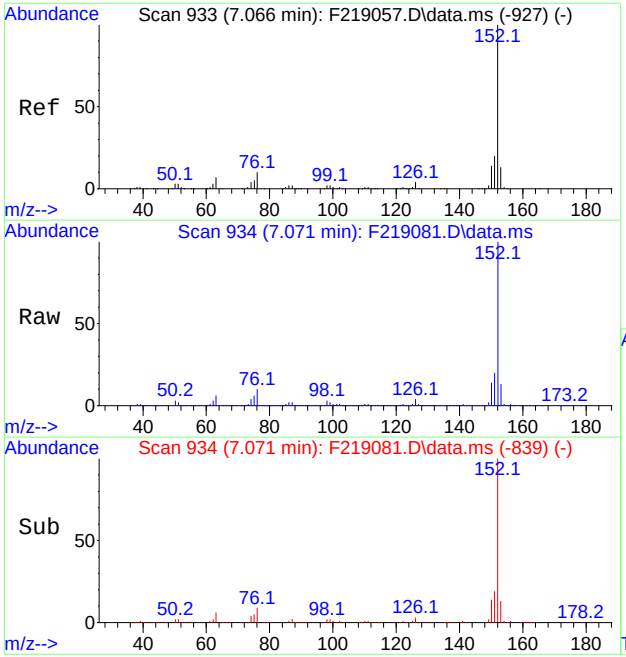


#53
Biphenyl
Concen: 24.2900 ppm
RT: 6.649 min Scan# 855
Delta R.T. -0.000 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:154 Resp: 179370

Ion	Ratio	Lower	Upper
154	100		
153	41.0	11.7	71.7
155	12.6	0.0	43.1

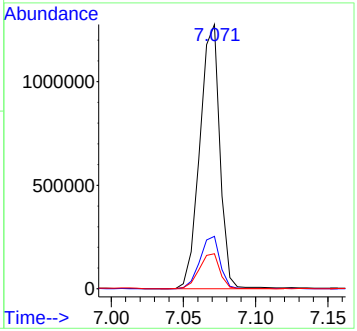


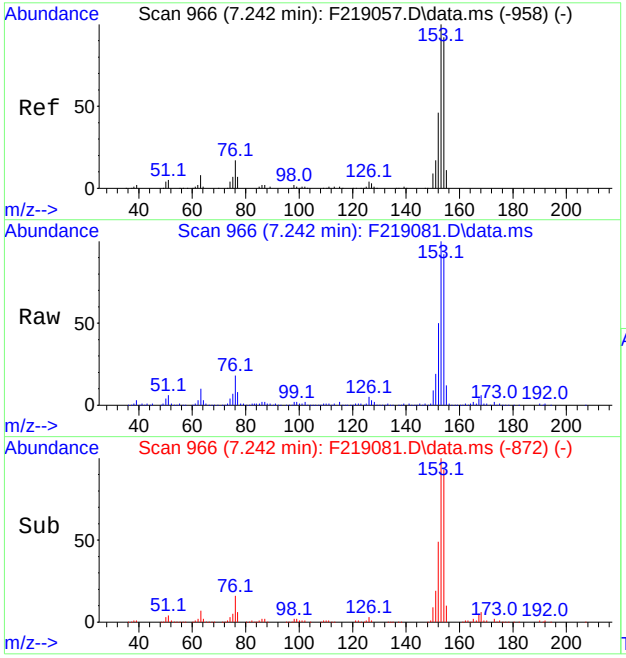


#56
Acenaphthylene
Concen: 173.9353 ppm
RT: 7.071 min Scan# 934
Delta R.T. 0.005 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:152 Resp: 1227321

Ion	Ratio	Lower	Upper
152	100		
151	19.8	0.0	49.7
153	13.3	0.0	42.8

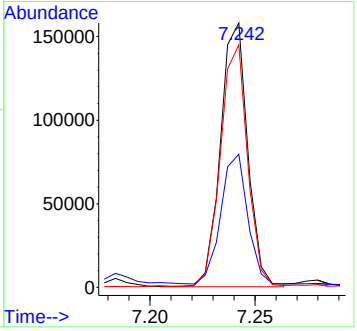


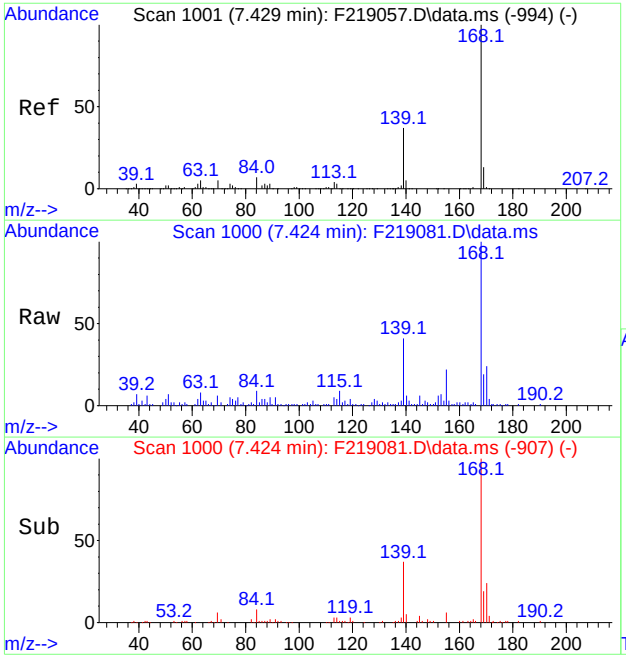


#59
Acenaphthene
Concen: 22.7306 ppm
RT: 7.242 min Scan# 966
Delta R.T. -0.000 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:153 Resp: 142602

Ion	Ratio	Lower	Upper
153	100		
152	49.2	15.8	75.8
154	91.8	53.0	113.0

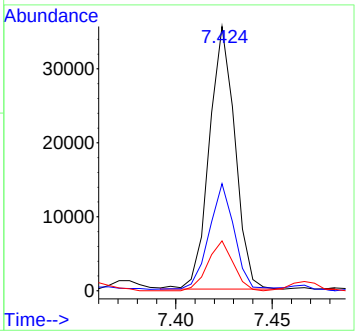


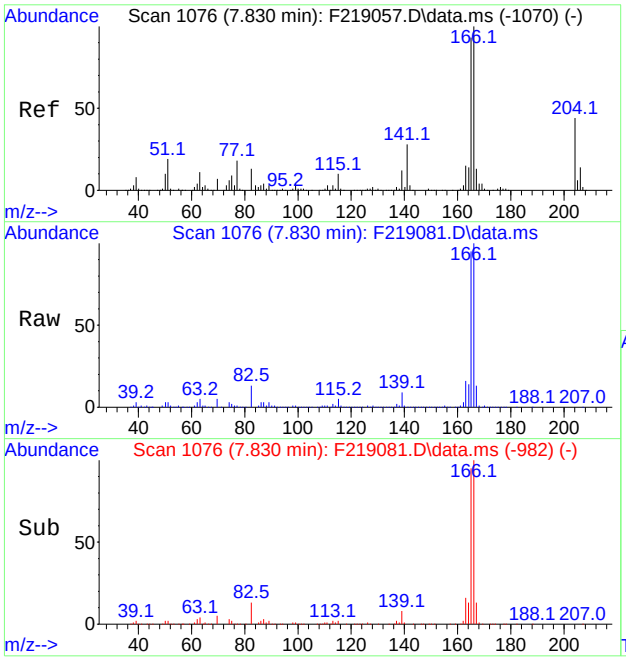


#62
Dibenzofuran
Concen: 4.1136 ppm
RT: 7.424 min Scan# 1000
Delta R.T. -0.005 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:168 Resp: 33021

Ion	Ratio	Lower	Upper
168	100		
139	40.0	6.6	66.6
169	18.5	0.0	43.3

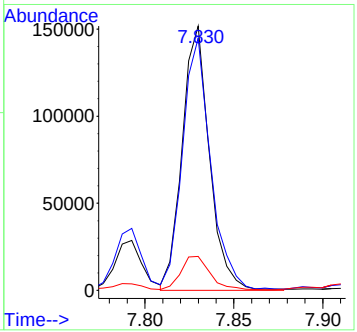


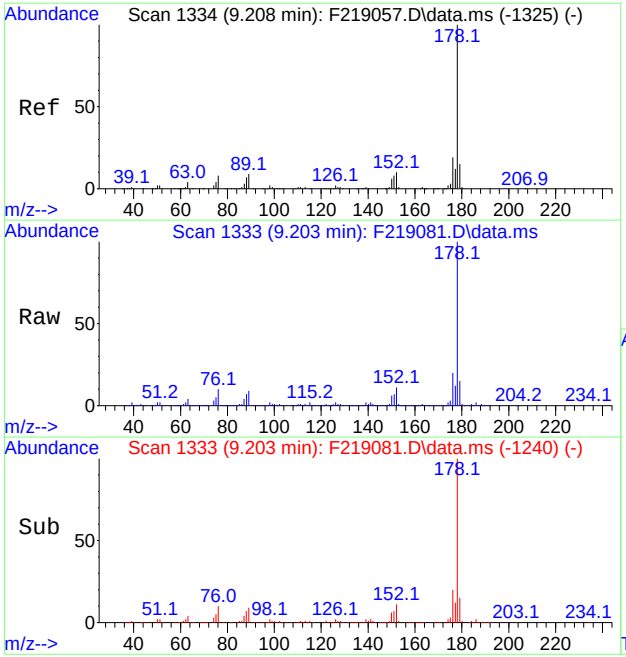


#66
Fluorene
Concen: 25.8019 ppm
RT: 7.830 min Scan# 1076
Delta R.T. -0.000 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:166 Resp: 162681

Ion	Ratio	Lower	Upper
166	100		
165	95.3	62.5	122.5
167	12.6	0.0	43.1

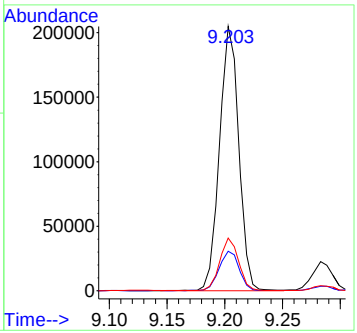


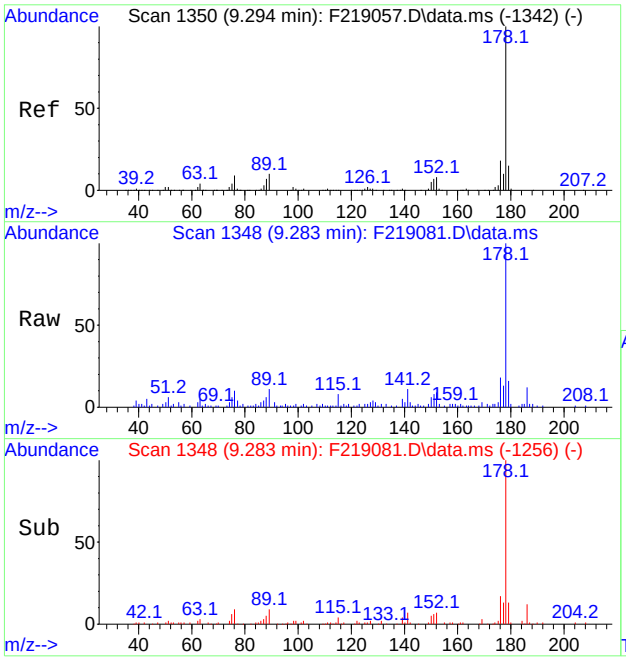


#77
Phenanthrene
Concen: 27.1945 ppm
RT: 9.203 min Scan# 1333
Delta R.T. -0.005 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:178 Resp: 238862

Ion	Ratio	Lower	Upper
178	100		
179	14.9	0.0	45.4
176	19.9	0.0	48.6

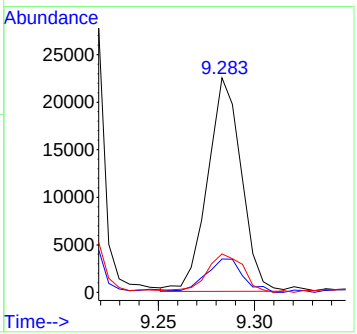


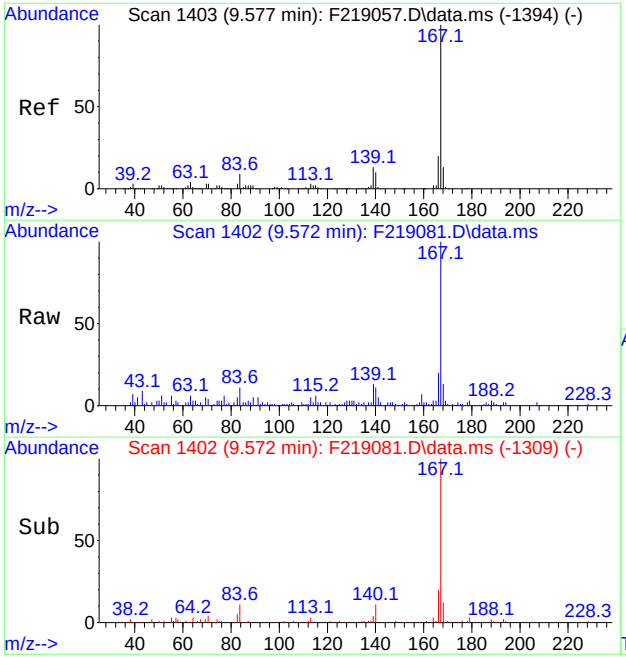


#78
Anthracene
Concen: 3.1791 ppm
RT: 9.283 min Scan# 1348
Delta R.T. -0.011 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:178 Resp: 27354

Ion	Ratio	Lower	Upper
178	100		
179	15.2	0.0	44.8
176	17.4	0.0	47.7

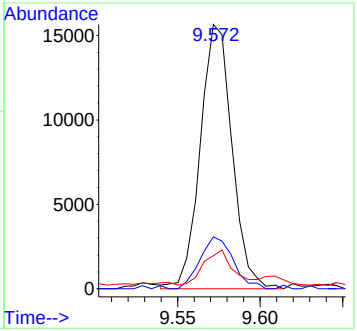


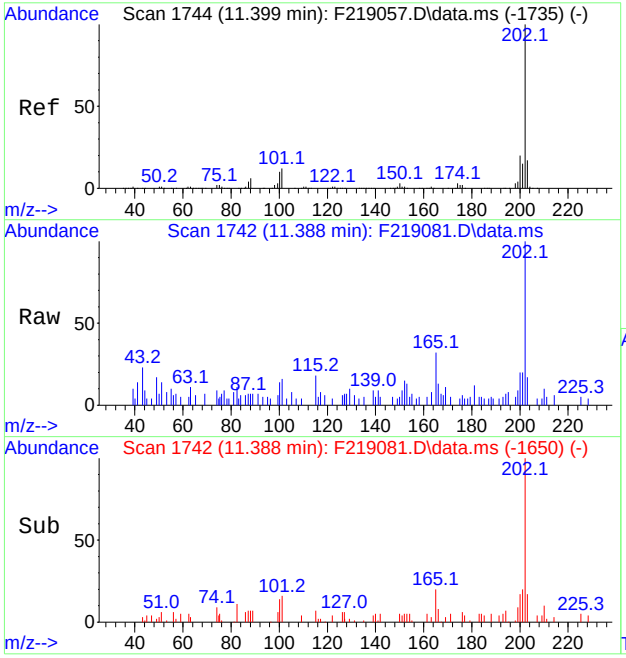


#79
Carbazole
Concen: 2.6539 ppm
RT: 9.572 min Scan# 1402
Delta R.T. -0.005 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:167 Resp: 21014

Ion	Ratio	Lower	Upper
167	100		
166	18.4	0.0	50.5
139	9.7	0.0	42.8

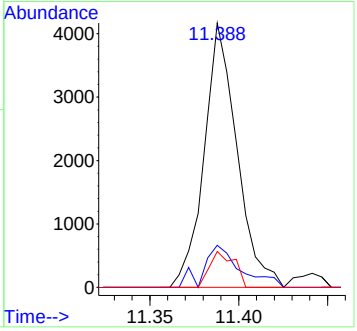


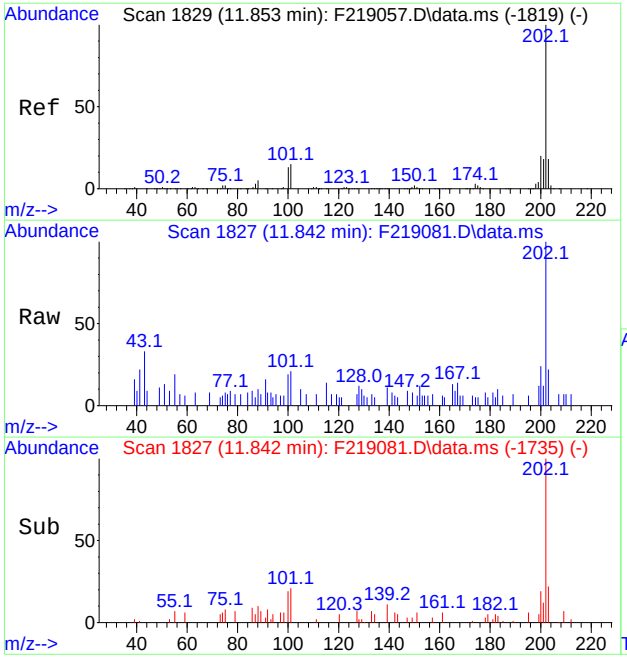


#81
Fluoranthene
Concen: 0.5833 ppm
RT: 11.388 min Scan# 1742
Delta R.T. -0.011 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:202 Resp: 5342

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	42.4
100	13.6	0.0	40.3

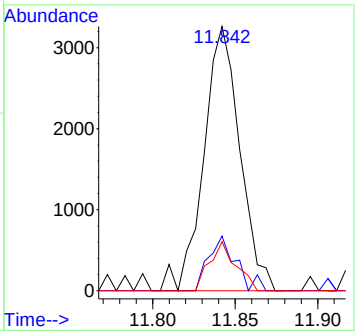


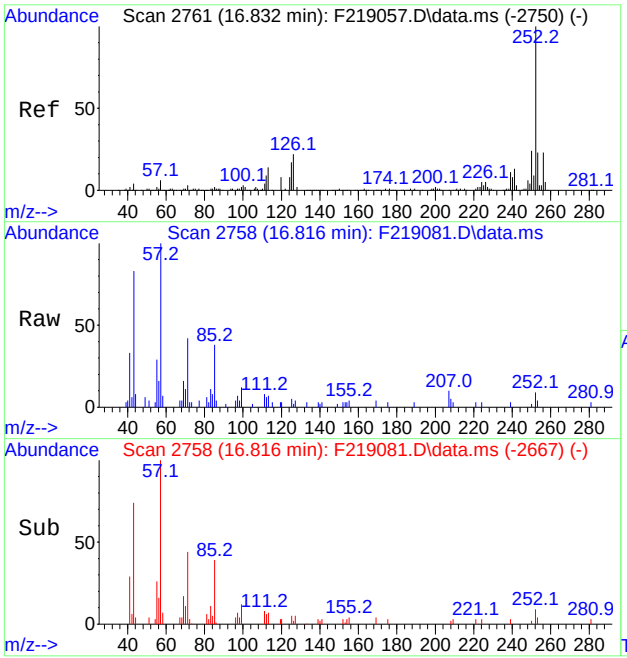


#85
Pyrene
Concen: 0.5934 ppm
RT: 11.842 min Scan# 1827
Delta R.T. -0.011 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:202 Resp: 4975

Ion	Ratio	Lower	Upper
202	100		
101	20.7	0.0	45.4
100	18.5	0.0	42.5

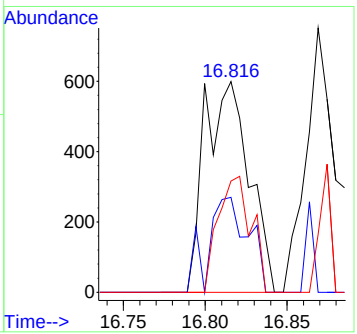


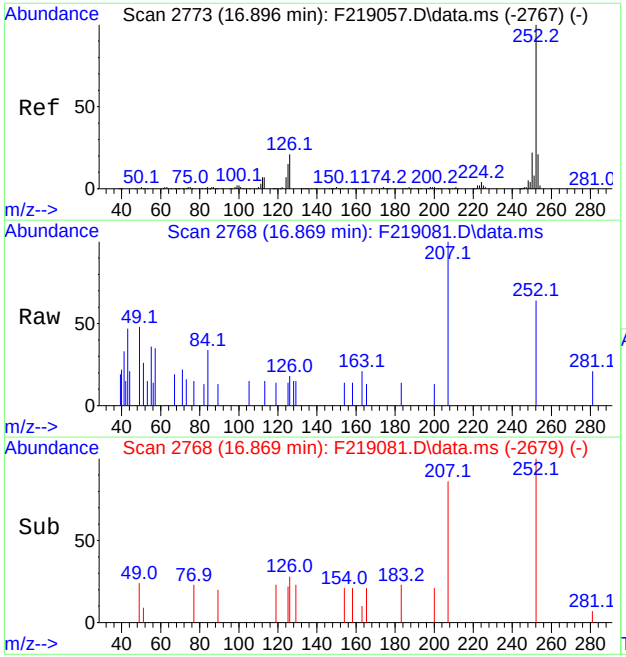


#94
Benzo[b]fluoranthene
Concen: 0.1511 ppm m
RT: 16.816 min Scan# 2758
Delta R.T. -0.016 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:252 Resp: 1138

Ion	Ratio	Lower	Upper
252	100		
253	45.1	0.0	52.8
125	52.8	0.0	46.6#

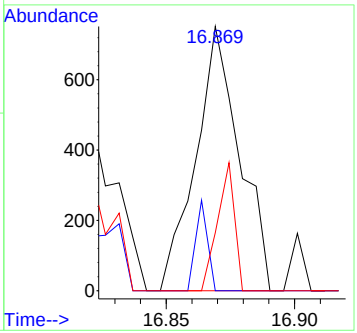


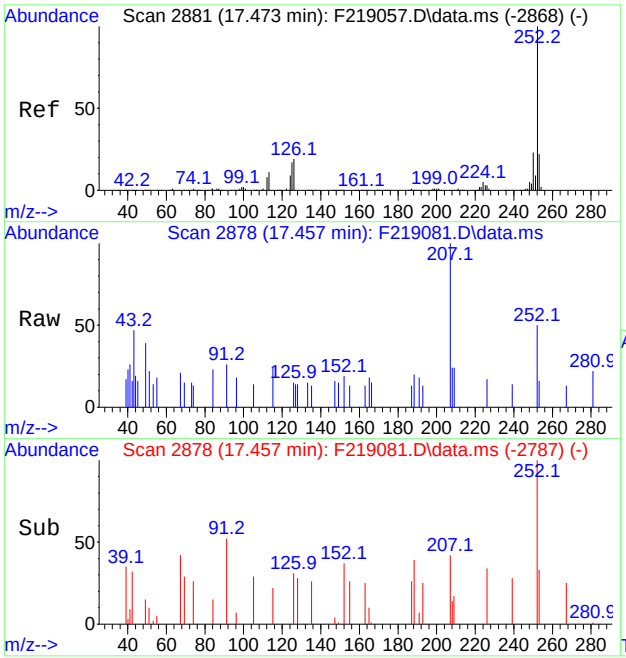


#95
Benzo[k]fluoranthene
Concen: 0.1230 ppm
RT: 16.869 min Scan# 2768
Delta R.T. -0.027 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:252 Resp: 894

Ion	Ratio	Lower	Upper
252	100		
253	0.0	0.0	51.5
125	21.9	0.0	45.2

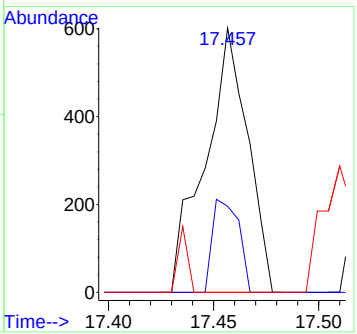


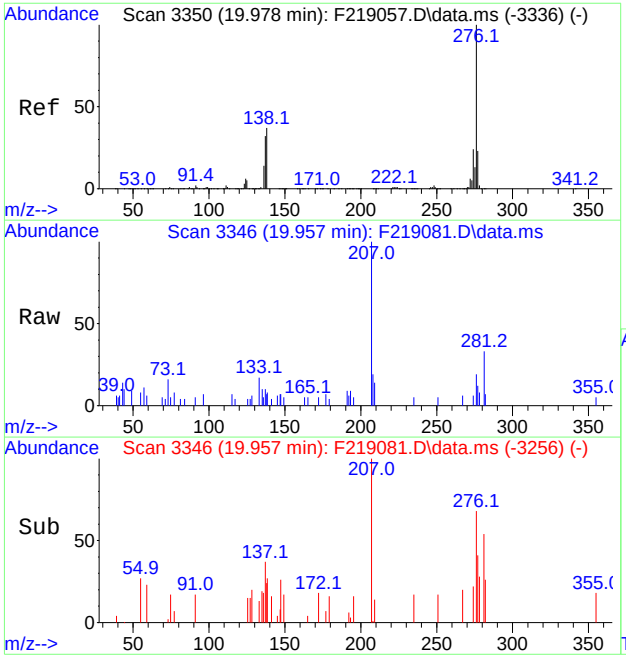


#96
Benzo[a]pyrene
Concen: 0.1399 ppm
RT: 17.457 min Scan# 2878
Delta R.T. -0.016 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:252 Resp: 852

Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	51.5
125	0.0	0.0	46.5

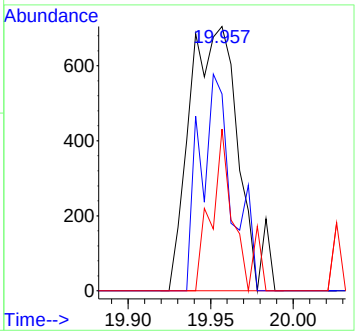




#101
Benzo[g,h,i]perylene
Concen: 0.1954 ppm
RT: 19.957 min Scan# 3346
Delta R.T. -0.021 min
Lab File: F219081.D
Acq: 20 Feb 2024 8:23 pm

Tgt Ion:276 Resp: 1454

Ion	Ratio	Lower	Upper
276	100		
138	74.5	6.8	66.8#
277	61.1	0.0	53.3#



Manual Integration Approval Summary

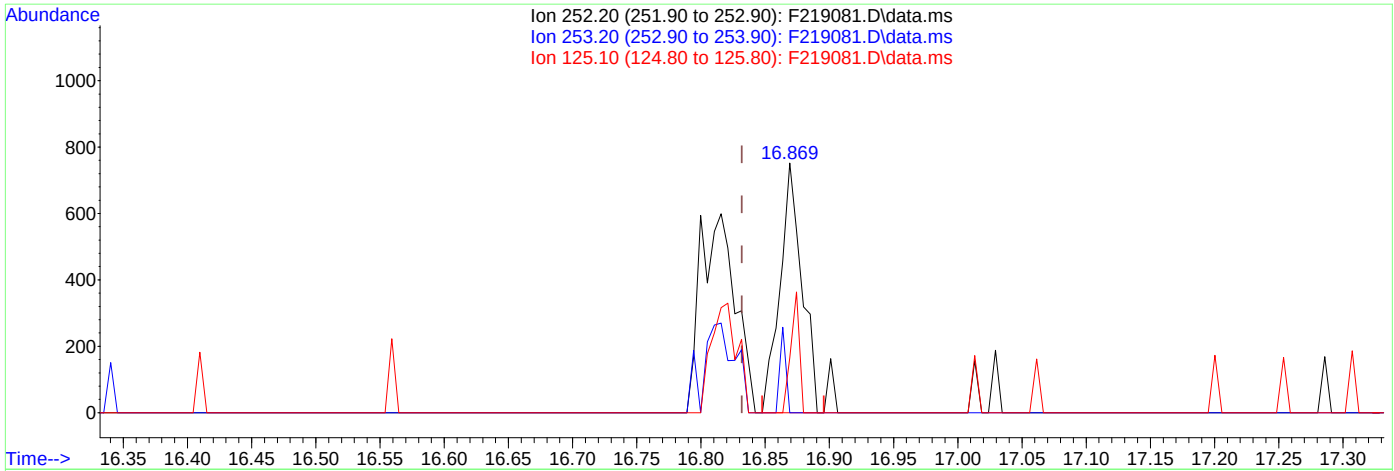
Sample Number: JD82517-3
Lab FileID: F219081.D
Injection Time: 02/20/24 20:23
Method: SW846 8270E
Analyst approved: 02/21/24 02:23 Jezreel Oblin
Supervisor approved: 02/22/24 04:10 Jeryll Fabriene Reyes

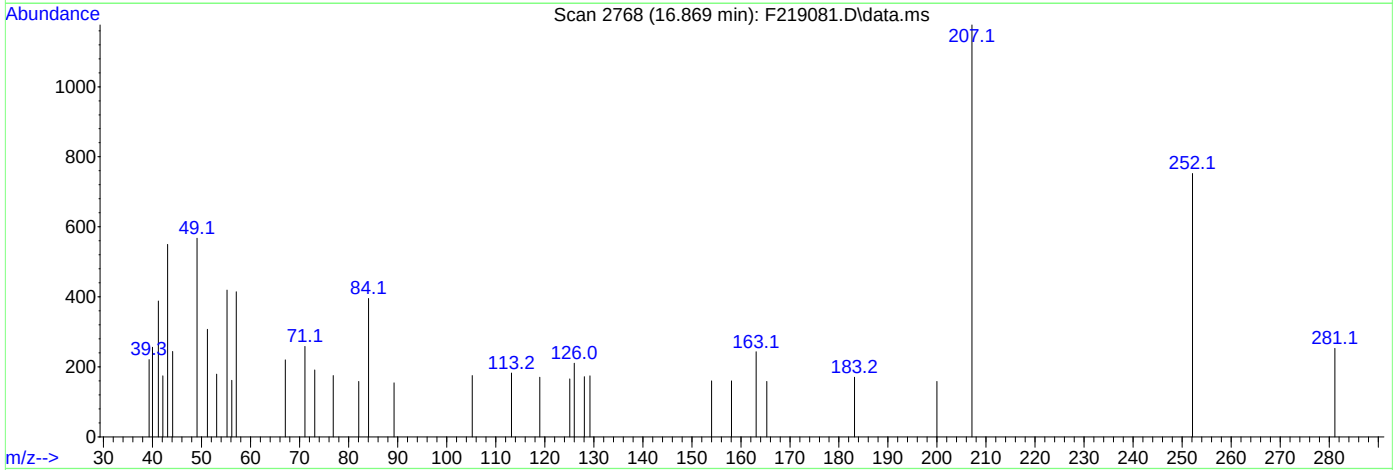
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		16.82	Poor instrument integration

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219081.D
Acq On : 20 Feb 2024 8:23 pm
Operator : karimam
Sample : jd82517-3 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 21 06:55:12 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration





TIC: F219081.D\data.ms

(94) Benzo[b]fluoranthene (t)

16.869min (+0.037) 0.12ppm

response 894

Ion	Exp%	Act%
252.20	100	100
253.20	22.80	0.00
125.10	16.60	21.94
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5387.D
Acq On : 21 Feb 2024 06:41 pm
Operator : karimam
Sample : jd82517-4 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,5
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Feb 22 02:44:29 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

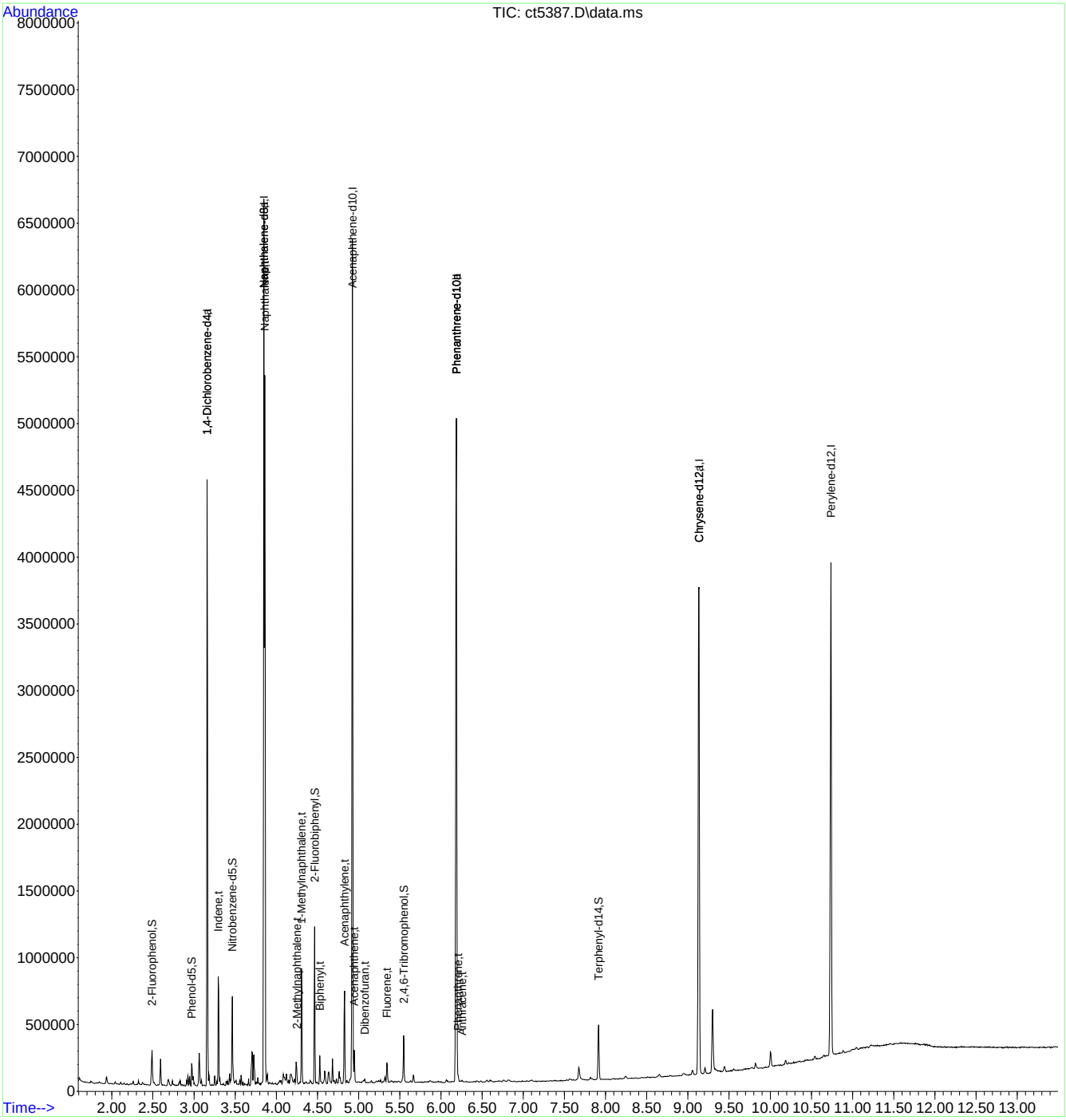
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.160	152	446249	40.00	ppm	0.00
24) Naphthalene-d8	3.850	136	1721905	40.00	ppm	0.00
46) Acenaphthene-d10	4.925	164	966396	40.00	ppm	0.00
69) Phenanthrene-d10	6.187	188	1705798	40.00	ppm	0.00
84) Chrysene-d12	9.134	240	1258187	40.00	ppm	0.00
93) Perylene-d12	10.739	264	1390218	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.160	152	446249	40.00	ppm	0.00
105) Phenanthrene-d10a	6.187	188	1705798	40.00	ppm	0.00
107) Naphthalene-d8a	3.850	136	1721905	40.00	ppm	0.00
109) Phenanthrene-d10b	6.187	188	1705798	40.00	ppm	0.00
112) Chrysene-d12a	9.134	240	1258187	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.491	112	46798	2.96	ppm	0.00
Spiked Amount 50.000			Recovery = 5.92%			
8) Phenol-d5	2.972	99	42170	2.22	ppm	0.00
Spiked Amount 50.000			Recovery = 4.44%			
25) Nitrobenzene-d5	3.464	82	123889	7.07	ppm	0.00
Spiked Amount 50.000			Recovery = 14.14%			
51) 2-Fluorobiphenyl	4.465	172	222672	6.96	ppm	0.00
Spiked Amount 50.000			Recovery = 13.92%			
74) 2,4,6-Tribromophenol	5.550	330	25521	5.90	ppm	0.00
Spiked Amount 50.000			Recovery = 11.80%			
87) Terphenyl-d14	7.915	244	125085	3.60	ppm	0.00
Spiked Amount 50.000			Recovery = 7.20%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
6) Indene	3.293	116	167118	6.4719	ppm	97
38) Naphthalene	3.860	128	1447616	31.8876	ppm	99
44) 2-Methylnaphthalene	4.251	141	12544	0.4735	ppm	98
45) 1-Methylnaphthalene	4.304	141	143532	5.2709	ppm	99
53) Biphenyl	4.529	154	39572	1.0805	ppm	98
56) Acenaphthylene	4.828	152	211014	4.7820	ppm	99
59) Acenaphthene	4.946	153	37033	1.2409	ppm	98
62) Dibenzofuran	5.074	168	5758	0.1469	ppm	92
66) Fluorene	5.342	166	34579	1.1185	ppm	98
78) Phenanthrene	6.208	178	13296	0.2883	ppm	97
79) Anthracene	6.257	178	2790	0.0597	ppm	91

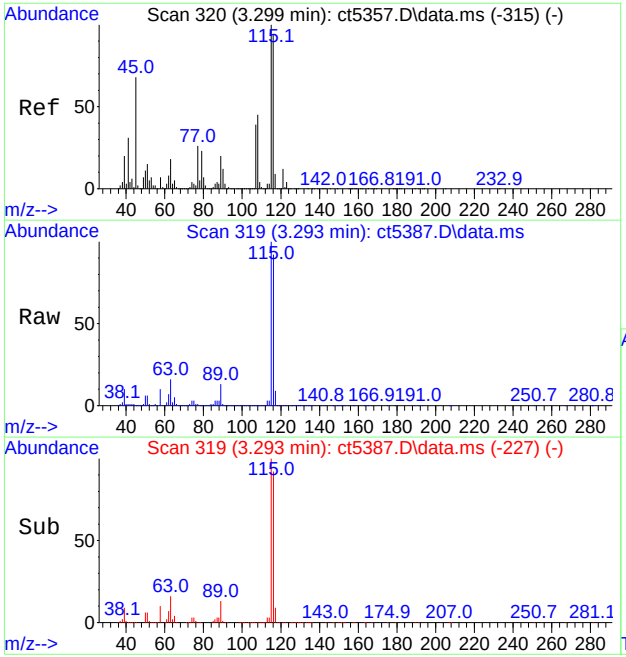
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5387.D
Acq On : 21 Feb 2024 06:41 pm
Operator : karimam
Sample : jd82517-4 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,5
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Feb 22 02:44:29 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

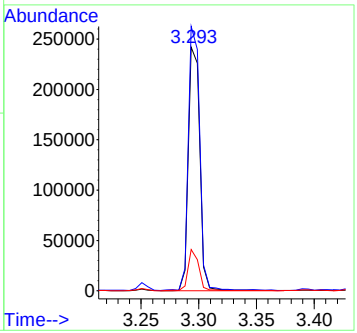


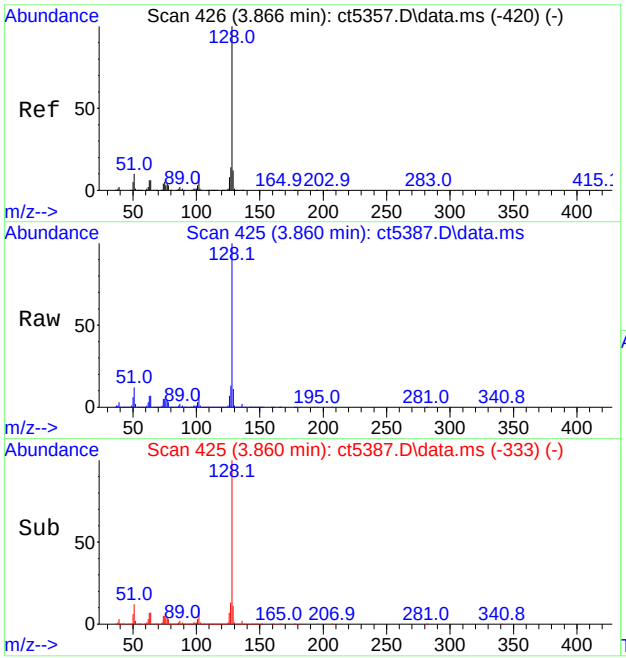


#6
Indene
Concen: 6.4719 ppm
RT: 3.293 min Scan# 319
Delta R.T. -0.005 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:116 Resp: 167118

Ion	Ratio	Lower	Upper
116	100		
115	108.5	76.2	136.2
63	16.8	0.0	49.3

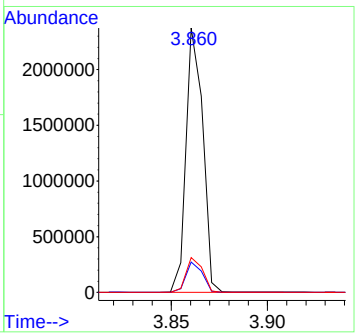


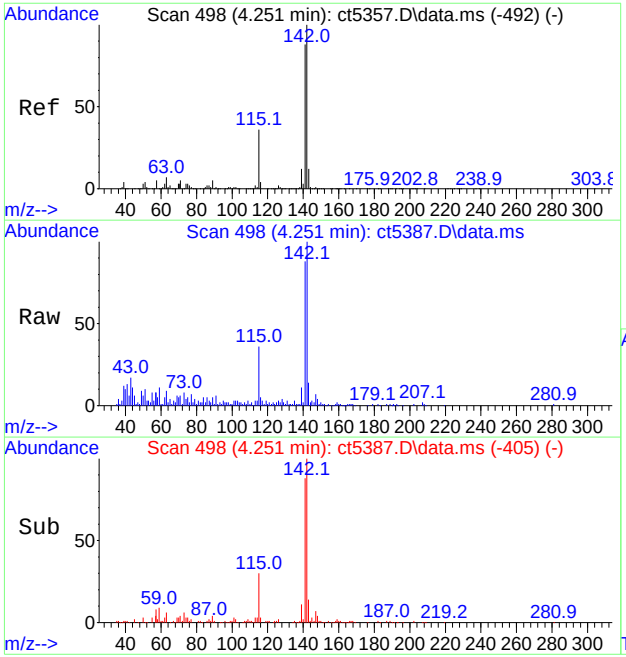


#38
Naphthalene
Concen: 31.8876 ppm
RT: 3.860 min Scan# 425
Delta R.T. -0.005 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:128 Resp: 1447616

Ion	Ratio	Lower	Upper
128	100		
129	11.5	0.0	41.6
127	13.2	0.0	43.7

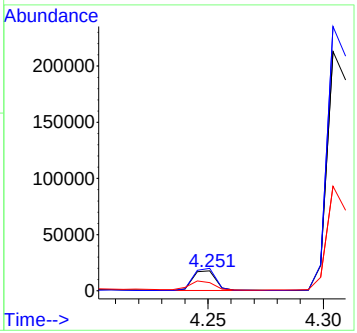


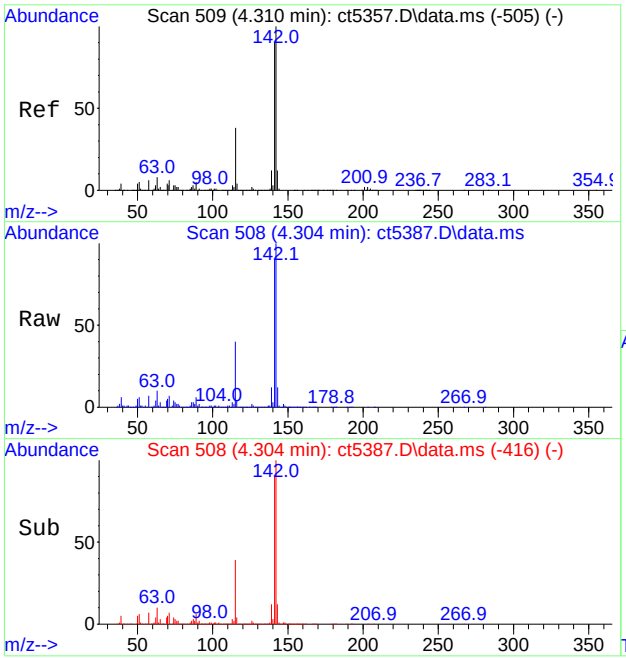


#44
2-Methylnaphthalene
Concen: 0.4735 ppm
RT: 4.251 min Scan# 498
Delta R.T. -0.000 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:141 Resp: 12544

Ion	Ratio	Lower	Upper
141	100		
142	114.0	83.9	143.9
115	36.8	10.8	70.8

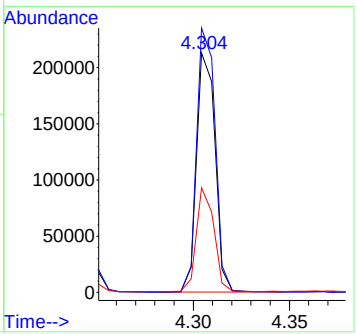


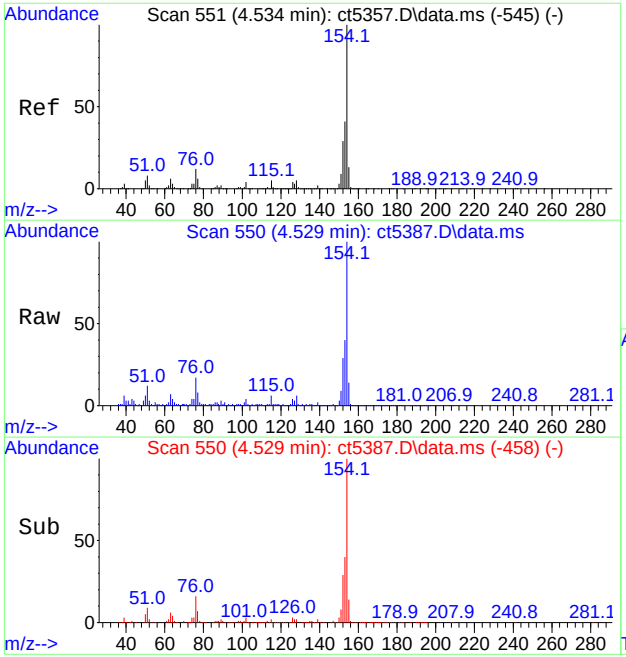


#45
1-Methylnaphthalene
Concen: 5.2709 ppm
RT: 4.304 min Scan# 508
Delta R.T. -0.005 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:141 Resp: 143532

Ion	Ratio	Lower	Upper
141	100		
142	110.6	80.7	140.7
115	43.4	11.8	71.8

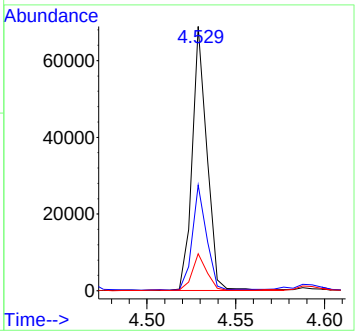


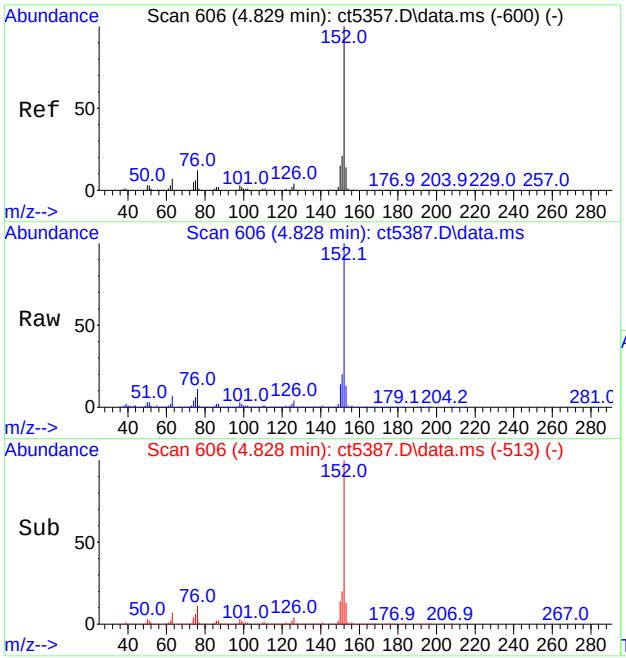


#53
Biphenyl
Concen: 1.0805 ppm
RT: 4.529 min Scan# 550
Delta R.T. -0.005 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:154 Resp: 39572

Ion	Ratio	Lower	Upper
154	100		
153	39.1	10.7	70.7
155	13.8	0.0	43.2

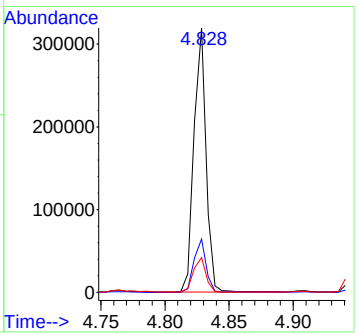


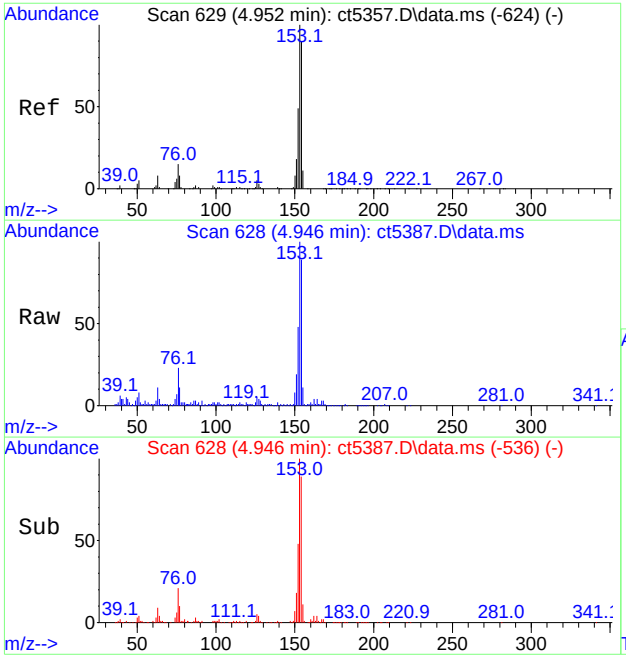


#56
Acenaphthylene
Concen: 4.7820 ppm
RT: 4.828 min Scan# 606
Delta R.T. -0.000 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:152 Resp: 211014

Ion	Ratio	Lower	Upper
152	100		
151	20.1	0.0	50.5
153	13.1	0.0	43.9

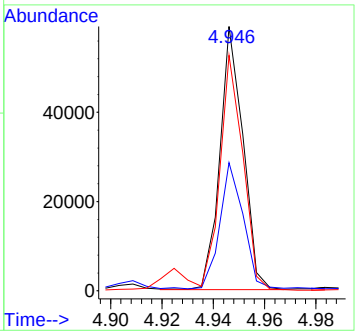


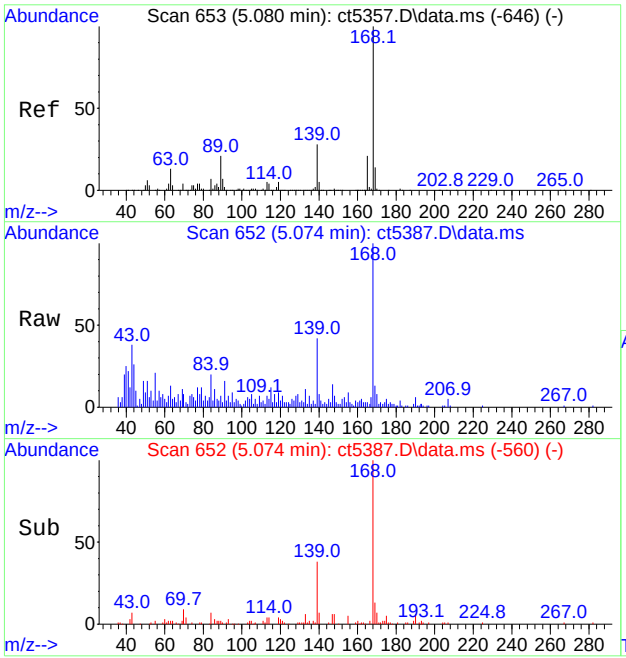


#59
Acenaphthene
Concen: 1.2409 ppm
RT: 4.946 min Scan# 628
Delta R.T. -0.005 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:153 Resp: 37033

Ion	Ratio	Lower	Upper
153	100		
152	47.8	18.5	78.5
154	87.1	60.0	120.0

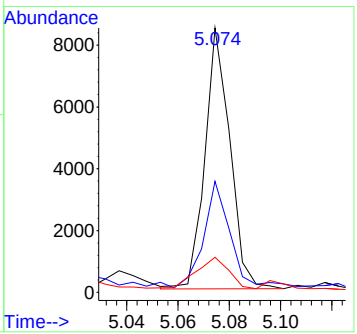


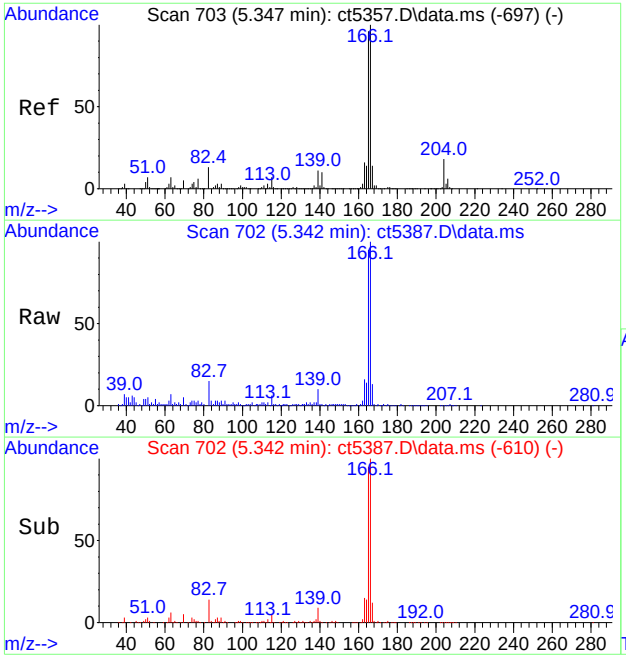


#62
Dibenzofuran
Concen: 0.1469 ppm
RT: 5.074 min Scan# 652
Delta R.T. -0.005 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:168 Resp: 5758

Ion	Ratio	Lower	Upper
168	100		
139	39.1	4.3	64.3
169	11.0	0.0	43.6

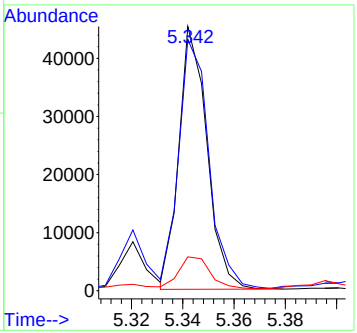


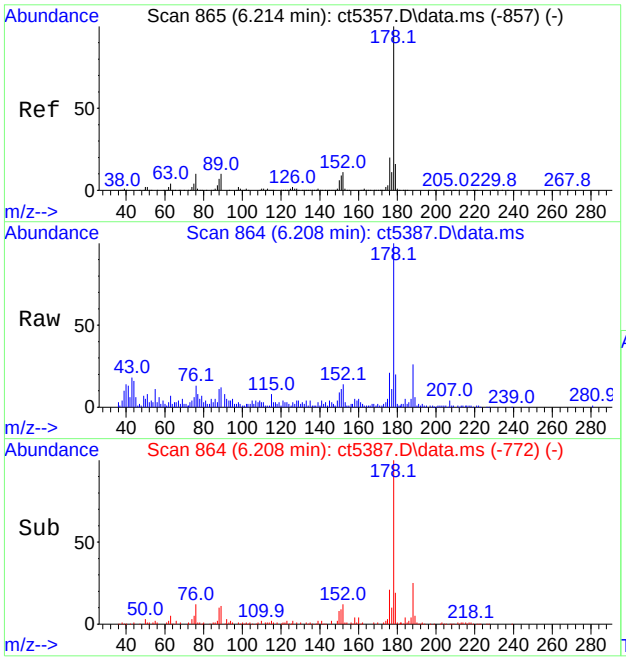


#66
Fluorene
Concen: 1.1185 ppm
RT: 5.342 min Scan# 702
Delta R.T. -0.005 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:166 Resp: 34579

Ion	Ratio	Lower	Upper
166	100		
165	93.9	66.0	126.0
167	11.6	0.0	43.6

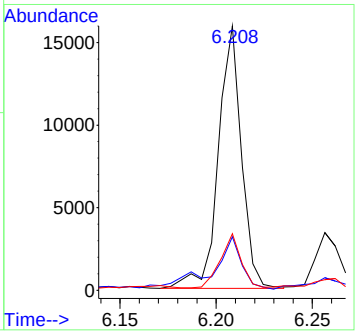


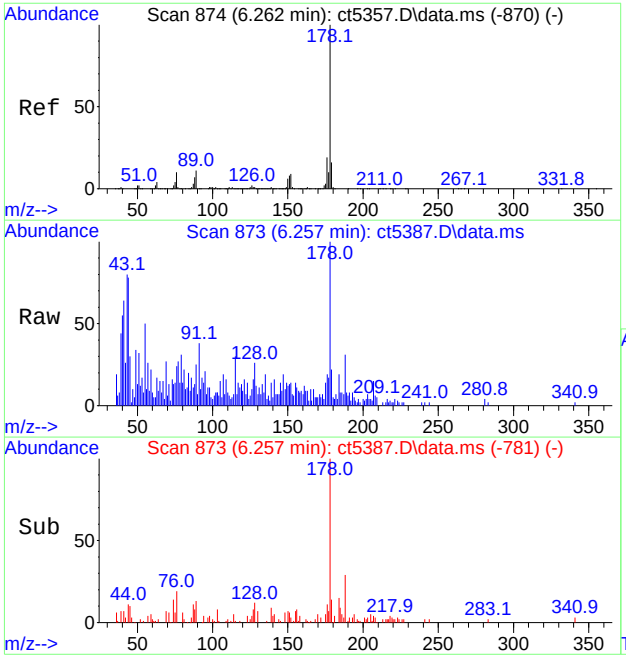


#78
Phenanthrene
Concen: 0.2883 ppm
RT: 6.208 min Scan# 864
Delta R.T. -0.005 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:178 Resp: 13296

Ion	Ratio	Lower	Upper
178	100		
179	18.6	0.0	45.6
176	19.8	0.0	49.7

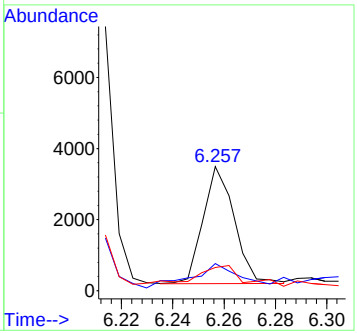




#79
Anthracene
Concen: 0.0597 ppm
RT: 6.257 min Scan# 873
Delta R.T. -0.005 min
Lab File: ct5387.D
Acq: 21 Feb 2024 06:41 pm

Tgt Ion:178 Resp: 2790

Ion	Ratio	Lower	Upper
178	100		
179	13.3	0.0	45.7
176	13.9	0.0	49.2



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219082.D
Acq On : 20 Feb 2024 8:49 pm
Operator : karimam
Sample : jd82517-4 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 21 07:11:42 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration

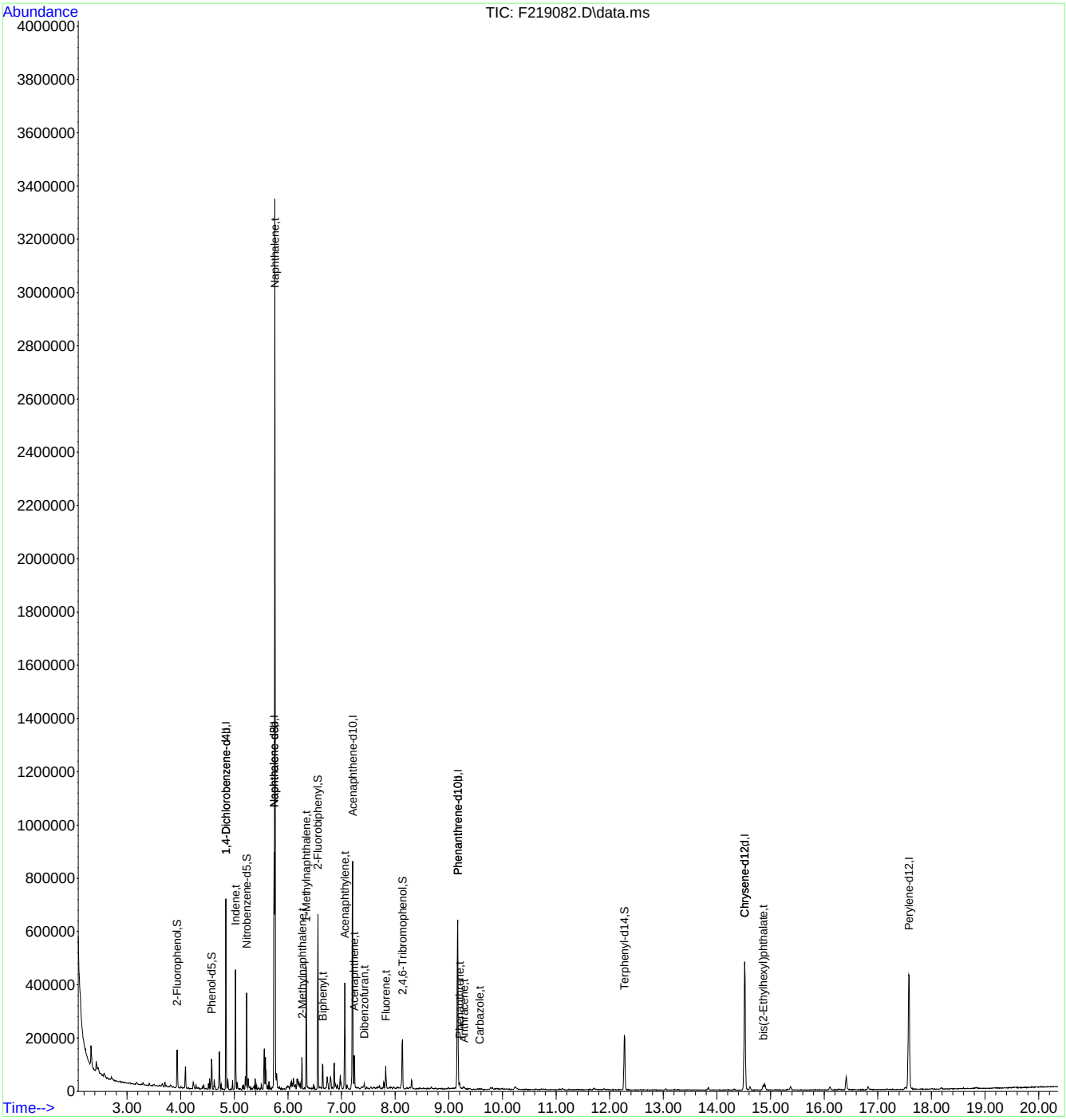
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.844	152	83575	40.00	ppm	0.00
24) Naphthalene-d8	5.741	136	315954	40.00	ppm	0.00
46) Acenaphthene-d10	7.205	164	183702	40.00	ppm	0.00
69) Phenanthrene-d10	9.165	188	314710	40.00	ppm	0.00
83) Chrysene-d12	14.518	240	253042	40.00	ppm	0.00
92) Perylene-d12	17.579	264	260940	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4b	4.844	152	83575	40.00	ppm	0.00
104) Phenanthrene-d10b	9.165	188	314710	40.00	ppm	0.00
106) Naphthalene-d8b	5.741	136	315954	40.00	ppm	0.00
108) Chrysene-d12d	14.518	240	253042	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.930	112	27294	11.86	ppm	0.00
Spiked Amount 50.000			Recovery = 23.72%			
8) Phenol-d5	4.576	99	24856	9.21	ppm	0.00
Spiked Amount 50.000			Recovery = 18.42%			
25) Nitrobenzene-d5	5.228	82	77757	33.56	ppm	0.00
Spiked Amount 50.000			Recovery = 67.12%			
51) 2-Fluorobiphenyl	6.558	172	162059	26.38	ppm	0.00
Spiked Amount 50.000			Recovery = 52.76%			
73) 2,4,6-Tribromophenol	8.134	330	19537	21.10	ppm	0.00
Spiked Amount 50.000			Recovery = 42.20%			
86) Terphenyl-d14	12.275	244	100408	16.52	ppm	0.00
Spiked Amount 50.000			Recovery = 33.04%			
Target Compounds						Qvalue
6) Indene	5.020	116	101235	23.7626	ppm	98
38) Naphthalene	5.757	128	1027789	129.7654	ppm	99
44) 2-Methylnaphthalene	6.265	141	8600	1.8908	ppm	94
45) 1-Methylnaphthalene	6.339	142	108778	22.9138	ppm	99
53) Biphenyl	6.649	154	25466	3.7600	ppm	98
56) Acenaphthylene	7.061	152	148538	22.9515	ppm	97
59) Acenaphthene	7.237	153	25717	4.4694	ppm	97
62) Dibenzofuran	7.424	168	4585	0.6228	ppm	94
66) Fluorene	7.825	166	25234	4.3636	ppm	99
77) Phenanthrene	9.203	178	9206	1.1459	ppm	92
78) Anthracene	9.283	178	1968	0.2501	ppm	83
79) Carbazole	9.577	167	1334	0.1842	ppm	81
91) bis(2-Ethylhexyl)phtha...	14.866	149	8027	1.7510	ppm	94

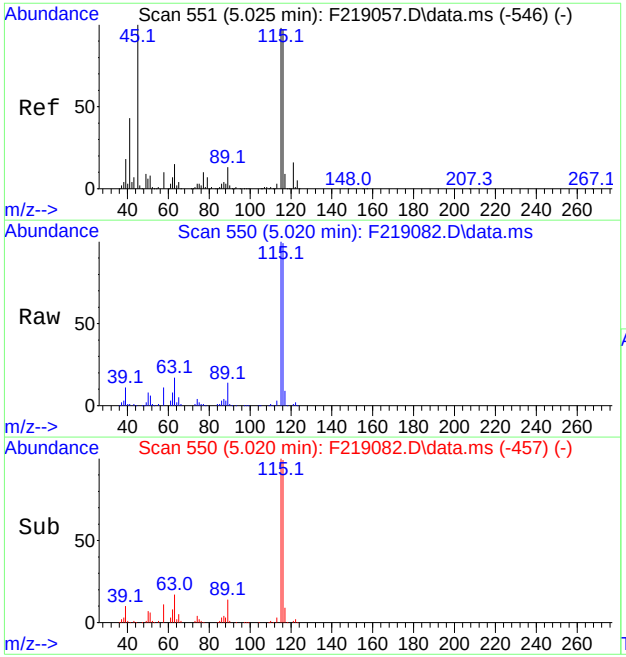
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219082.D
Acq On : 20 Feb 2024 8:49 pm
Operator : karimam
Sample : jd82517-4 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 21 07:11:42 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration

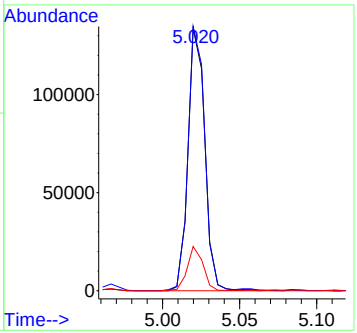


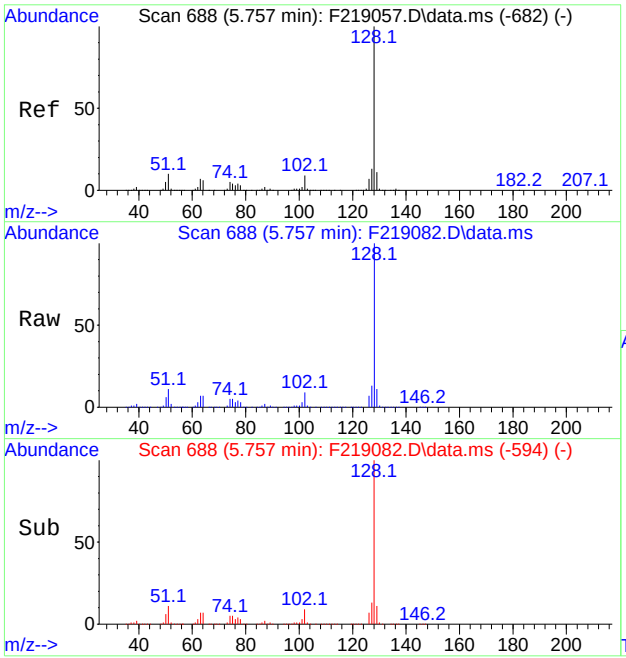


#6
Indene
Concen: 23.7626 ppm
RT: 5.020 min Scan# 550
Delta R.T. -0.006 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:116 Resp: 101235

Ion	Ratio	Lower	Upper
116	100		
115	100.8	72.0	132.0
63	16.9	0.0	45.3

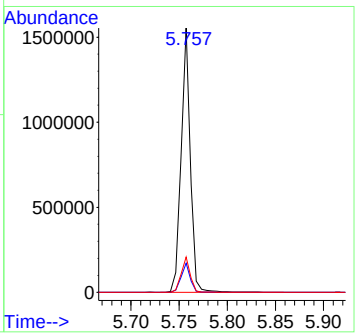


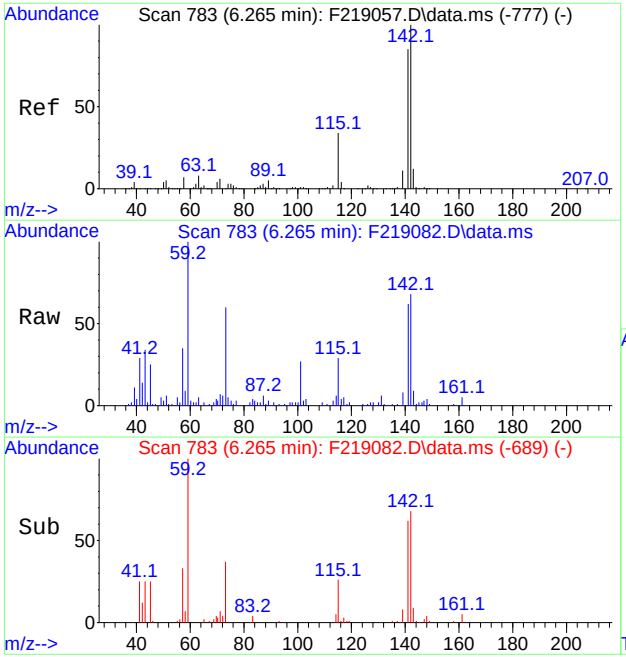


#38
Naphthalene
Concen: 129.7654 ppm
RT: 5.757 min Scan# 688
Delta R.T. -0.000 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:128 Resp: 1027789

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	40.7
127	13.3	0.0	42.6

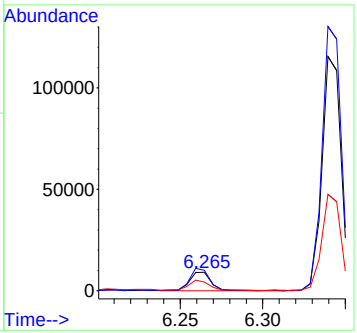


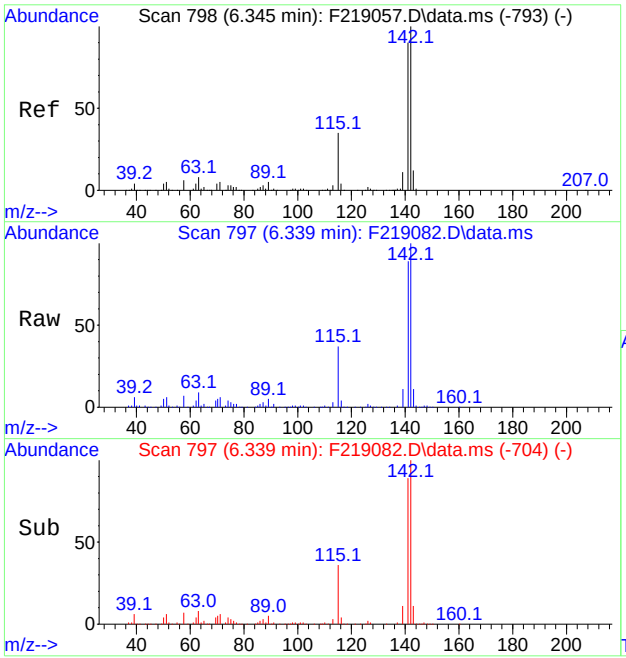


#44
2-Methylnaphthalene
Concen: 1.8908 ppm
RT: 6.265 min Scan# 783
Delta R.T. -0.000 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:141 Resp: 8600

Ion	Ratio	Lower	Upper
141	100		
142	111.1	87.1	147.1
115	44.2	10.0	70.0

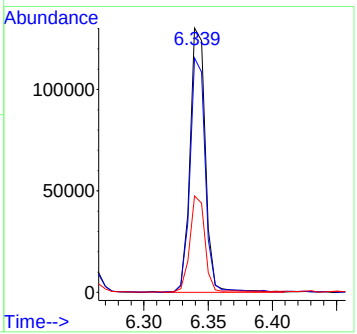


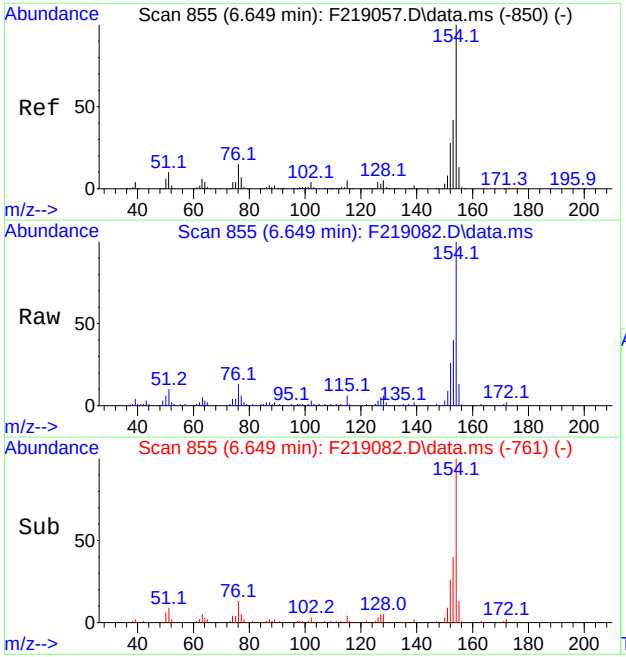


#45
1-Methylnaphthalene
Concen: 22.9138 ppm
RT: 6.339 min Scan# 797
Delta R.T. -0.006 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:142 Resp: 108778

Ion	Ratio	Lower	Upper
142	100		
141	88.5	59.9	119.9
115	36.2	5.3	65.3

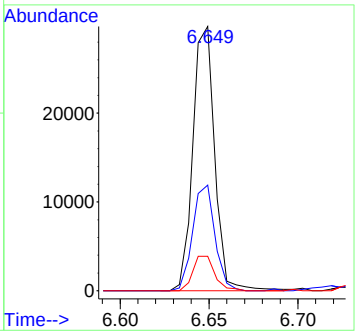


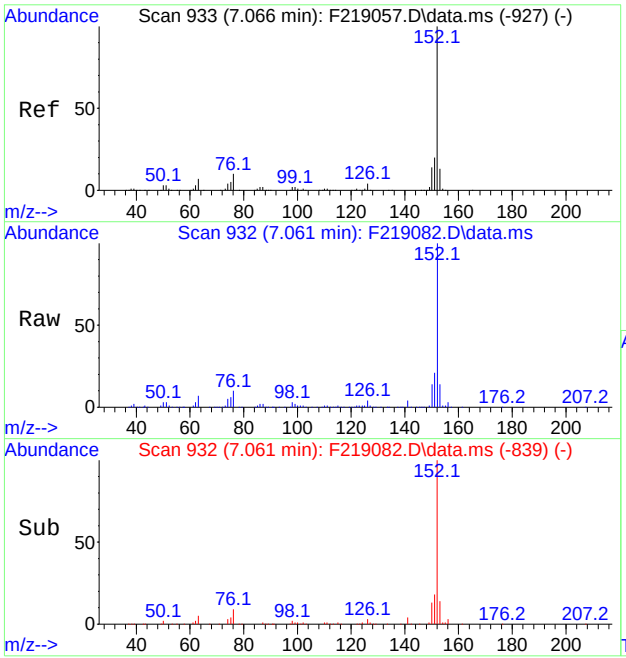


#53
Biphenyl
Concen: 3.7600 ppm
RT: 6.649 min Scan# 855
Delta R.T. -0.000 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:154 Resp: 25466

Ion	Ratio	Lower	Upper
154	100		
153	40.1	11.7	71.7
155	13.1	0.0	43.1

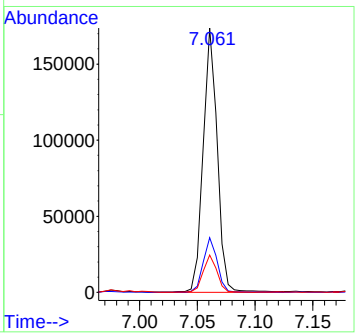


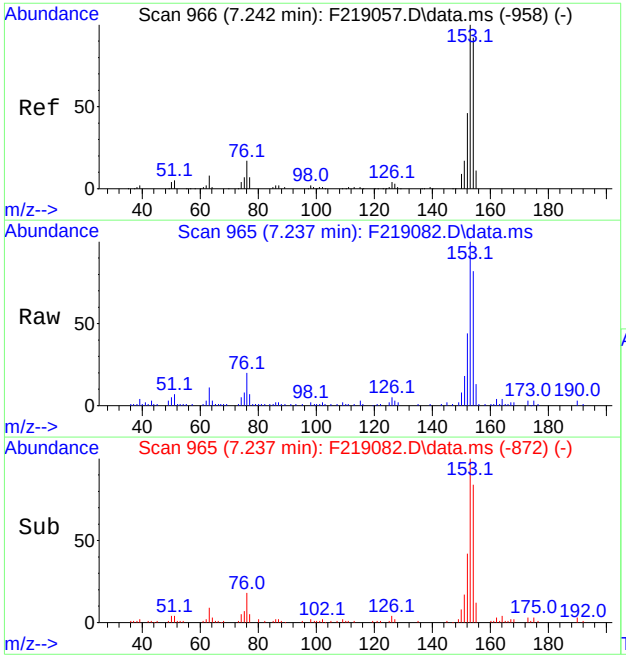


#56
Acenaphthylene
Concen: 22.9515 ppm
RT: 7.061 min Scan# 932
Delta R.T. -0.006 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:152 Resp: 148538

Ion	Ratio	Lower	Upper
152	100		
151	20.7	0.0	49.7
153	14.1	0.0	42.8

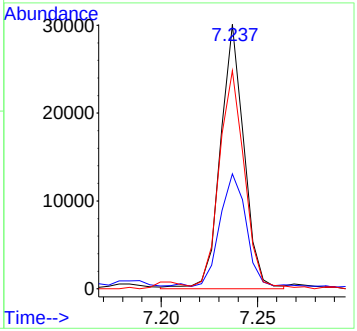


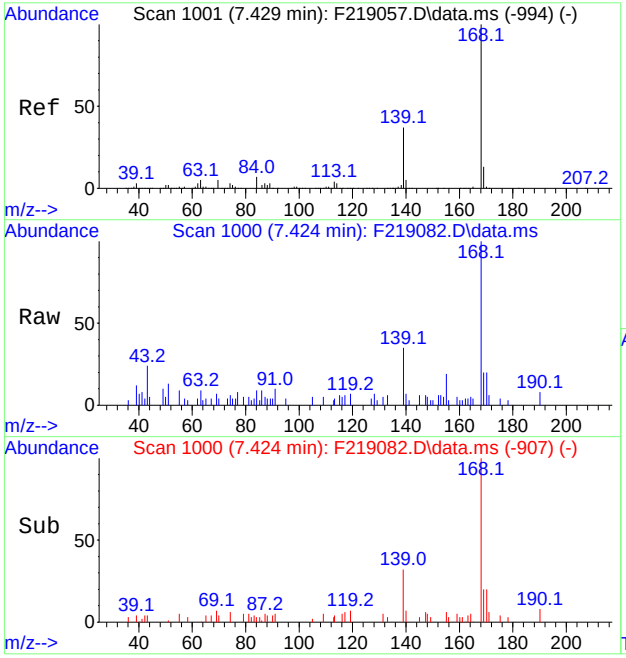


#59
Acenaphthene
Concen: 4.4694 ppm
RT: 7.237 min Scan# 965
Delta R.T. -0.006 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:153 Resp: 25717

Ion	Ratio	Lower	Upper
153	100		
152	42.6	15.8	75.8
154	81.4	53.0	113.0

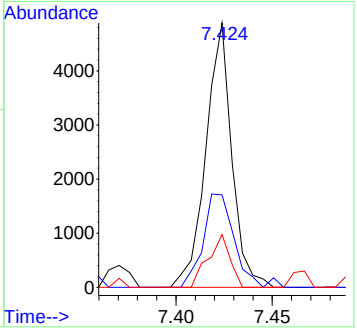


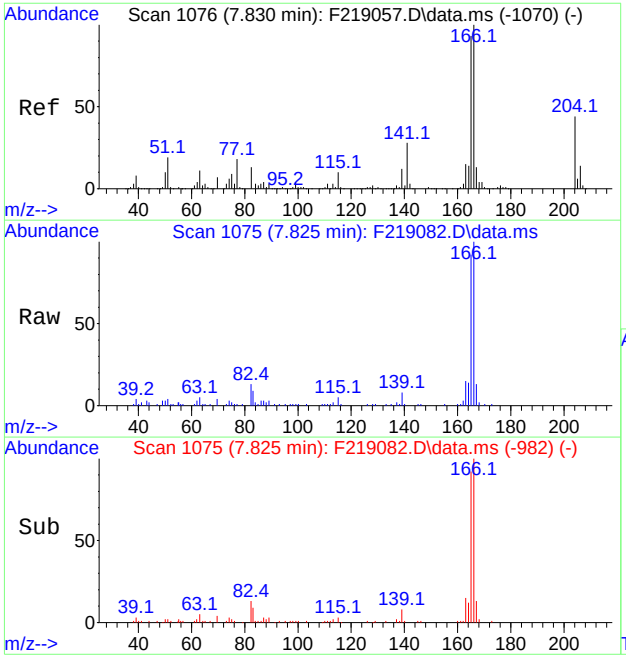


#62
Dibenzofuran
Concen: 0.6228 ppm
RT: 7.424 min Scan# 1000
Delta R.T. -0.006 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:168 Resp: 4585

Ion	Ratio	Lower	Upper
168	100		
139	35.0	6.6	66.6
169	20.0	0.0	43.3

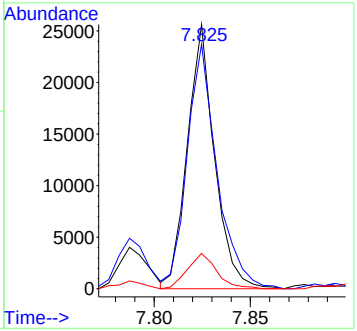


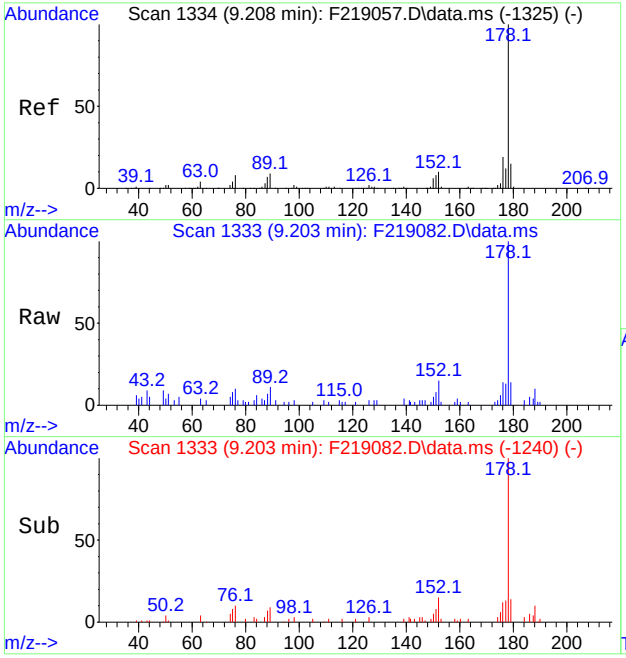


#66
Fluorene
Concen: 4.3636 ppm
RT: 7.825 min Scan# 1075
Delta R.T. -0.006 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:166 Resp: 25234

Ion	Ratio	Lower	Upper
166	100		
165	92.1	62.5	122.5
167	13.5	0.0	43.1

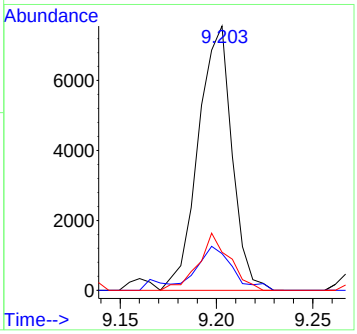


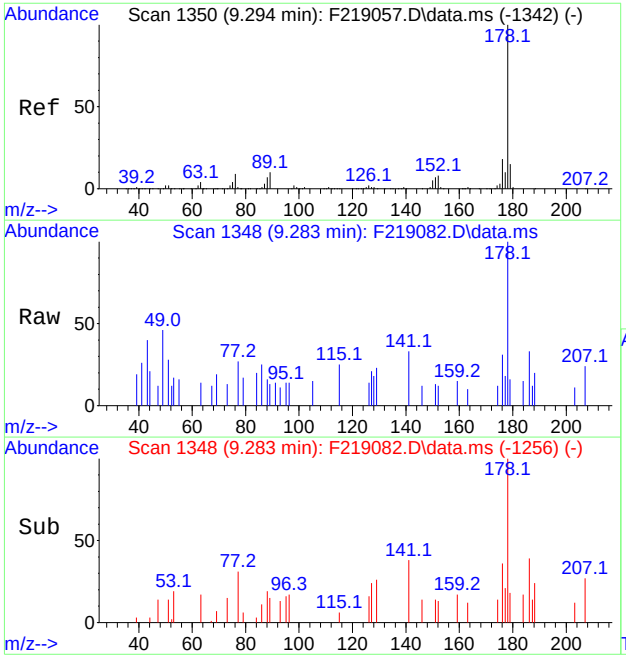


#77
Phenanthrene
Concen: 1.1459 ppm
RT: 9.203 min Scan# 1333
Delta R.T. -0.006 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:178 Resp: 9206

Ion	Ratio	Lower	Upper
178	100		
179	12.5	0.0	45.4
176	14.4	0.0	48.6

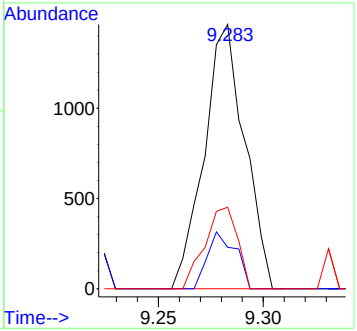


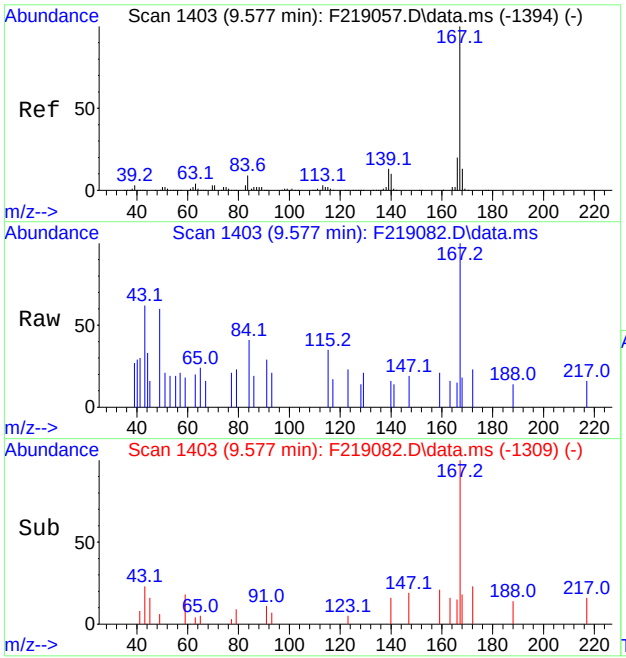


#78
Anthracene
Concen: 0.2501 ppm
RT: 9.283 min Scan# 1348
Delta R.T. -0.011 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:178 Resp: 1968

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	44.8
176	30.9	0.0	47.7

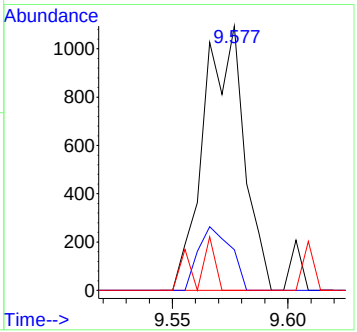


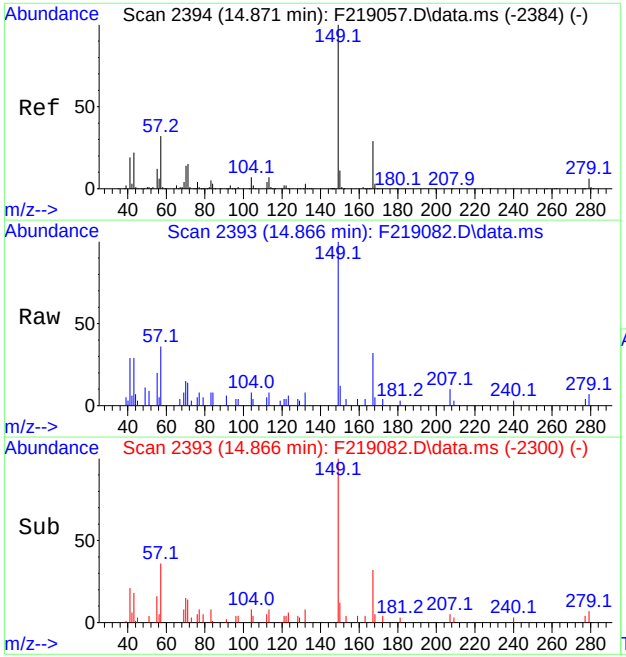


#79
Carbazole
Concen: 0.1842 ppm
RT: 9.577 min Scan# 1403
Delta R.T. -0.000 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:167 Resp: 1334

Ion	Ratio	Lower	Upper
167	100		
166	15.3	0.0	50.5
139	0.0	0.0	42.8

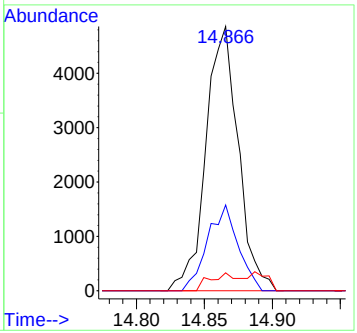




#91
bis(2-Ethylhexyl)phthalate
Concen: 1.7510 ppm
RT: 14.866 min Scan# 2393
Delta R.T. -0.006 min
Lab File: F219082.D
Acq: 20 Feb 2024 8:49 pm

Tgt Ion:149 Resp: 8027

Ion	Ratio	Lower	Upper
149	100		
167	32.5	0.0	58.9
279	6.8	0.0	35.5



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5389.D
Acq On : 21 Feb 2024 07:17 pm
Operator : karimam
Sample : jd82517-5 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,10
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Feb 22 02:50:26 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

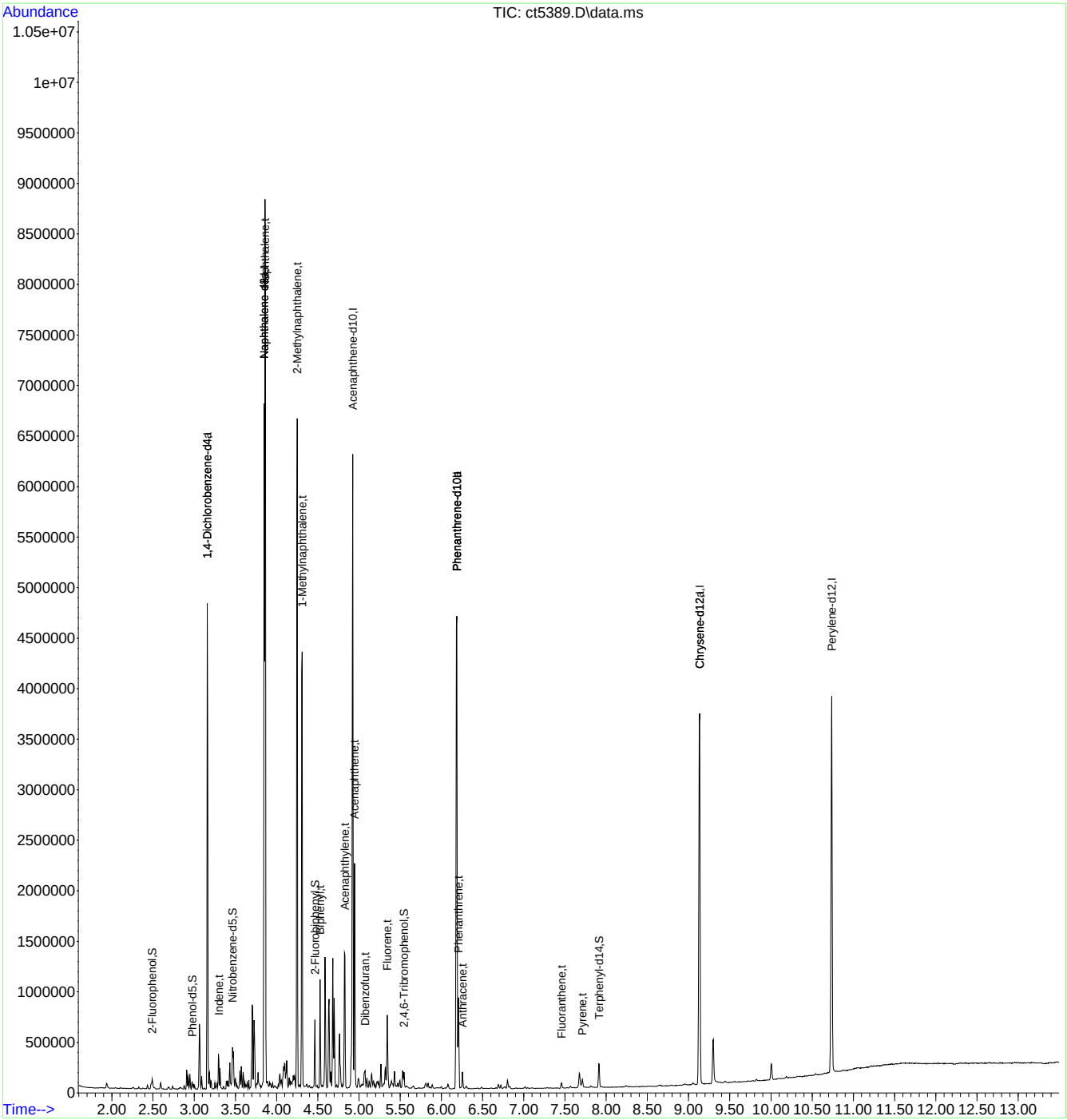
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.160	152	476733	40.00	ppm	0.00
24) Naphthalene-d8	3.850	136	1792067	40.00	ppm	0.00
46) Acenaphthene-d10	4.925	164	967311	40.00	ppm	0.00
69) Phenanthrene-d10	6.187	188	1692692	40.00	ppm	0.00
84) Chrysene-d12	9.134	240	1283109	40.00	ppm	0.00
93) Perylene-d12	10.739	264	1417096	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.160	152	476733	40.00	ppm	0.00
105) Phenanthrene-d10a	6.187	188	1692692	40.00	ppm	0.00
107) Naphthalene-d8a	3.850	136	1792067	40.00	ppm	0.00
109) Phenanthrene-d10b	6.187	188	1692692	40.00	ppm	0.00
112) Chrysene-d12a	9.134	240	1283109	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.491	112	21464	1.27	ppm	0.00
Spiked Amount 50.000			Recovery =	2.54%		
8) Phenol-d5	2.978	99	19456	0.96	ppm	0.00
Spiked Amount 50.000			Recovery =	1.92%		
25) Nitrobenzene-d5	3.465	82	76547	4.20	ppm	0.00
Spiked Amount 50.000			Recovery =	8.40%		
51) 2-Fluorobiphenyl	4.465	172	130163	4.07	ppm	0.00
Spiked Amount 50.000			Recovery =	8.14%		
74) 2,4,6-Tribromophenol	5.545	330	10491	2.44	ppm	0.00
Spiked Amount 50.000			Recovery =	4.88%		
87) Terphenyl-d14	7.915	244	73840	2.08	ppm	0.00
Spiked Amount 50.000			Recovery =	4.16%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
6) Indene	3.299	116	61189	2.2181	ppm	96
38) Naphthalene	3.860	128	2705696	57.2668	ppm	100
44) 2-Methylnaphthalene	4.251	141	1101857	39.9594	ppm	99
45) 1-Methylnaphthalene	4.310	141	795802	28.0799	ppm	98
53) Biphenyl	4.529	154	200202	5.4614	ppm	99
56) Acenaphthylene	4.828	152	411661	9.3203	ppm	98
59) Acenaphthene	4.946	153	355573	11.9030	ppm	98
62) Dibenzofuran	5.074	168	38844	0.9902	ppm	94
66) Fluorene	5.342	166	150921	4.8770	ppm	98
78) Phenanthrene	6.208	178	306111	6.6881	ppm	98
79) Anthracene	6.257	178	50235	1.0836	ppm	99
82) Fluoranthene	7.460	202	19674	0.4187	ppm	97
86) Pyrene	7.711	202	27020	0.5198	ppm	98

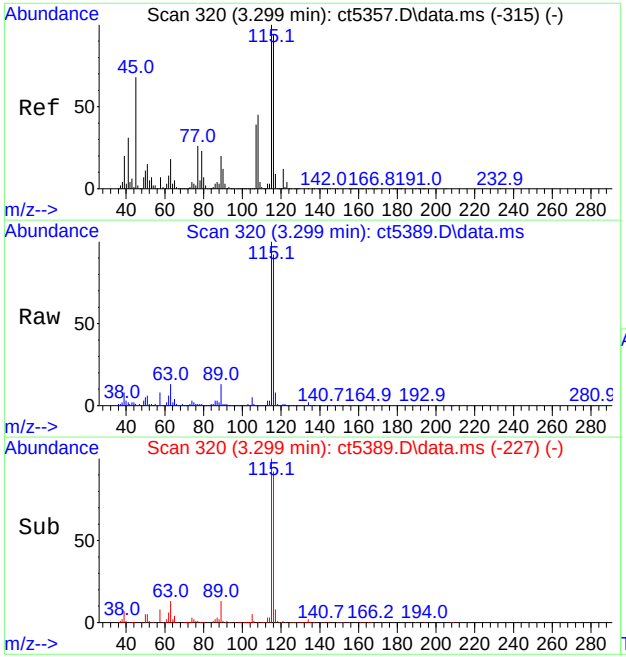
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5389.D
Acq On : 21 Feb 2024 07:17 pm
Operator : karimam
Sample : jd82517-5 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,10
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Feb 22 02:50:26 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

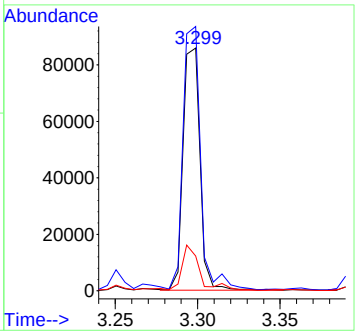


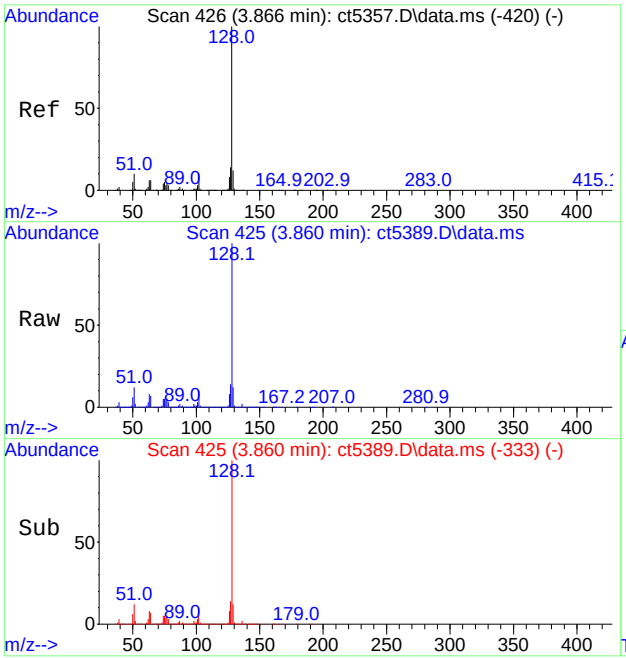


#6
Indene
Concen: 2.2181 ppm
RT: 3.299 min Scan# 320
Delta R.T. -0.000 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:116 Resp: 61189

Ion	Ratio	Lower	Upper
116	100		
115	108.2	76.2	136.2
63	13.6	0.0	49.3

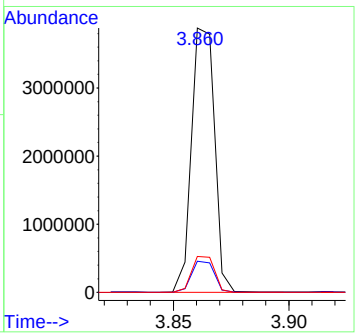


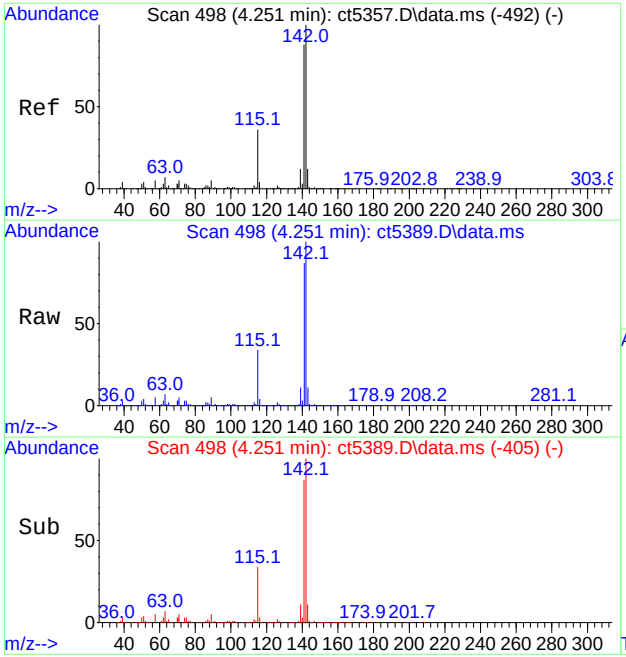


#38
Naphthalene
Concen: 57.2668 ppm
RT: 3.860 min Scan# 425
Delta R.T. -0.005 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:128 Resp: 2705696

Ion	Ratio	Lower	Upper
128	100		
129	11.8	0.0	41.6
127	13.6	0.0	43.7

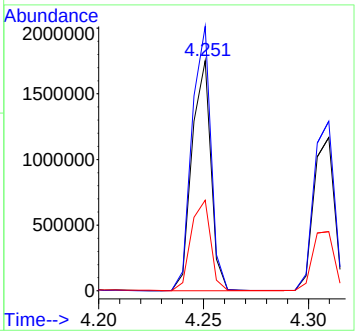


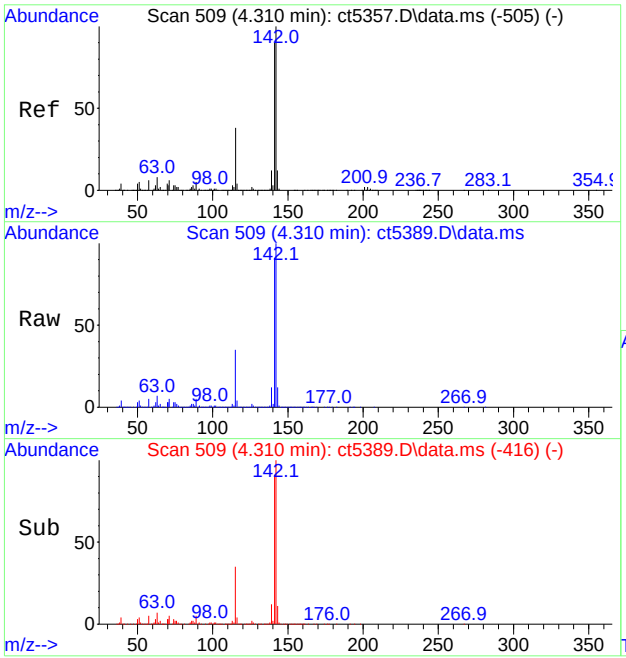


#44
2-Methylnaphthalene
Concen: 39.9594 ppm
RT: 4.251 min Scan# 498
Delta R.T. -0.000 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:141 Resp: 1101857

Ion	Ratio	Lower	Upper
141	100		
142	114.9	83.9	143.9
115	39.3	10.8	70.8

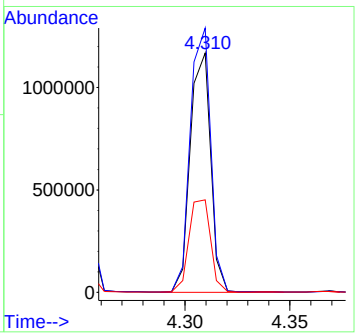


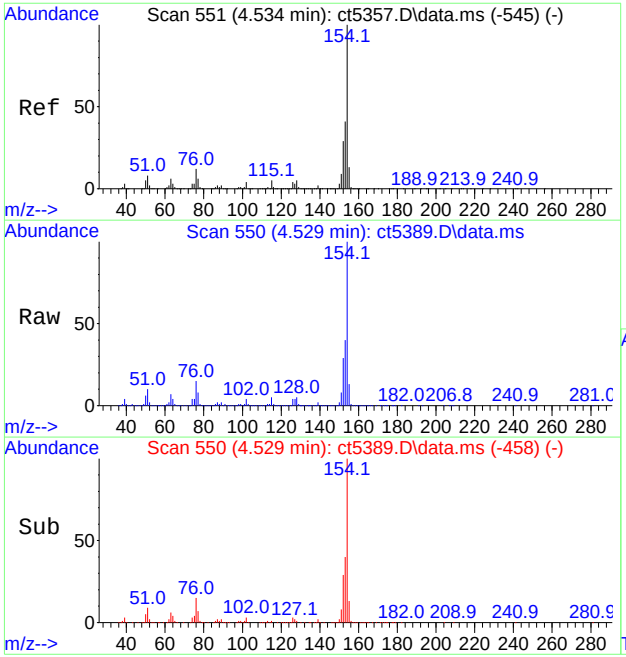


#45
1-Methylnaphthalene
Concen: 28.0799 ppm
RT: 4.310 min Scan# 509
Delta R.T. -0.000 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:141 Resp: 795802

Ion	Ratio	Lower	Upper
141	100		
142	110.4	80.7	140.7
115	38.5	11.8	71.8

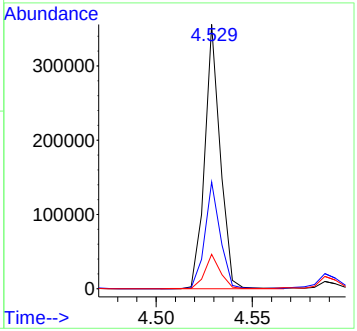


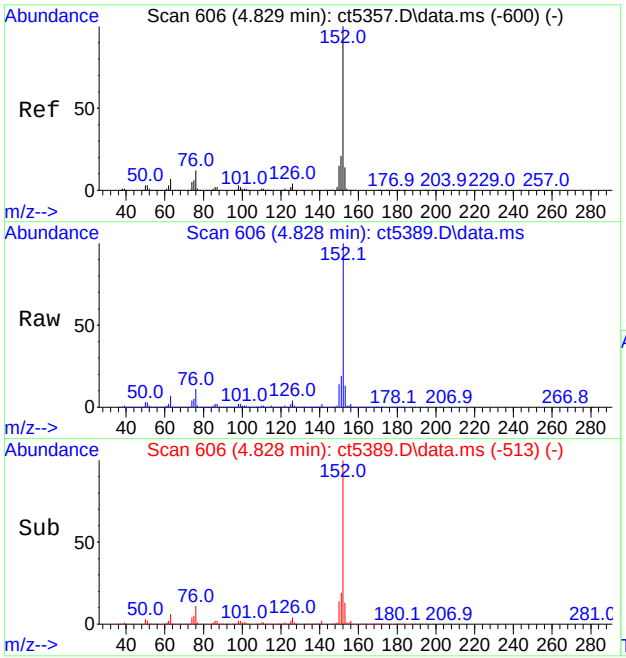


#53
Biphenyl
Concen: 5.4614 ppm
RT: 4.529 min Scan# 550
Delta R.T. -0.005 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:154 Resp: 200202

Ion	Ratio	Lower	Upper
154	100		
153	40.3	10.7	70.7
155	12.9	0.0	43.2

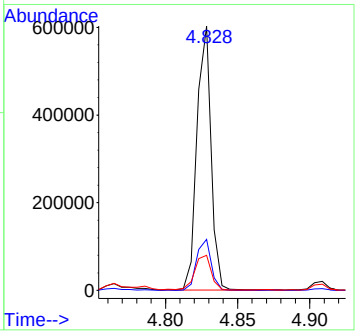


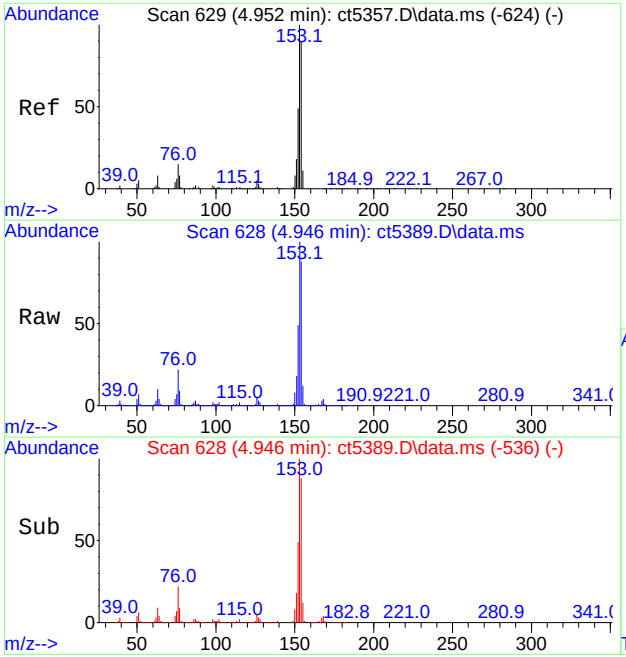


#56
Acenaphthylene
Concen: 9.3203 ppm
RT: 4.828 min Scan# 606
Delta R.T. -0.000 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:152 Resp: 411661

Ion	Ratio	Lower	Upper
152	100		
151	19.3	0.0	50.5
153	13.1	0.0	43.9

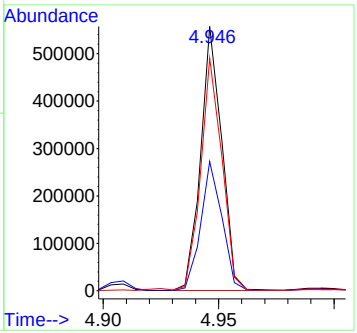


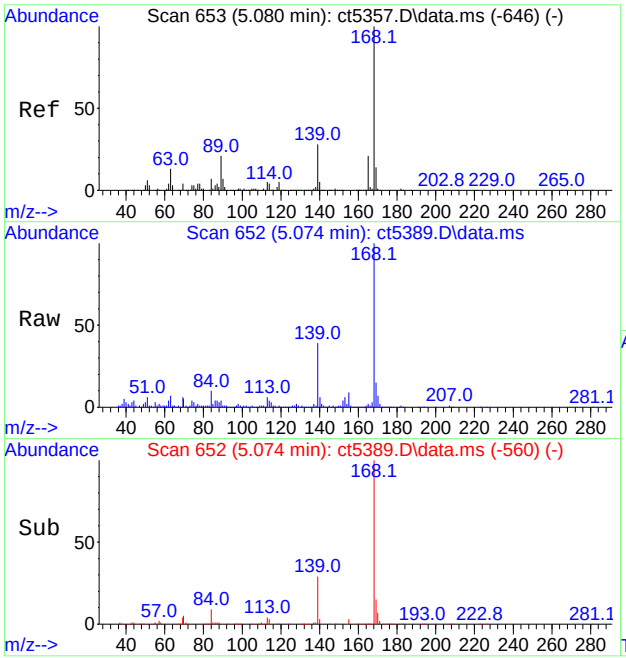


#59
Acenaphthene
Concen: 11.9030 ppm
RT: 4.946 min Scan# 628
Delta R.T. -0.005 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:153 Resp: 355573

Ion	Ratio	Lower	Upper
153	100		
152	48.8	18.5	78.5
154	87.6	60.0	120.0

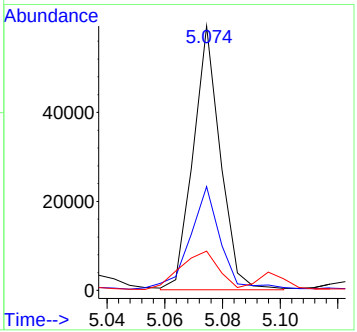


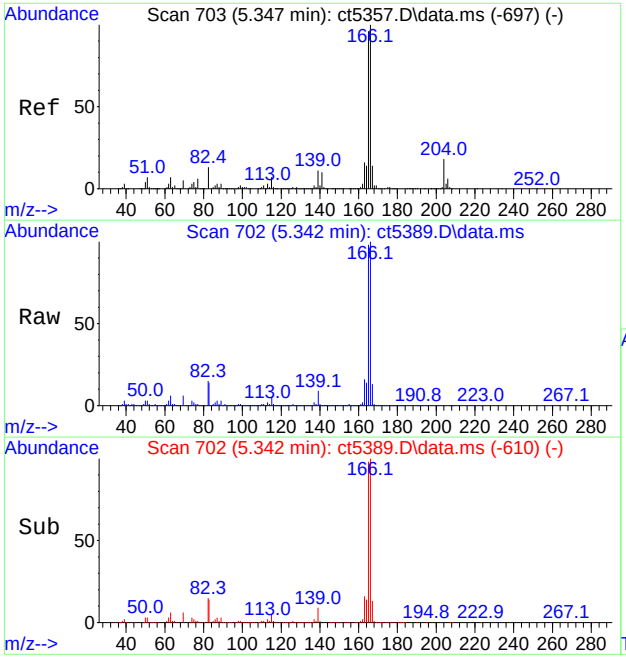


#62
Dibenzofuran
Concen: 0.9902 ppm
RT: 5.074 min Scan# 652
Delta R.T. -0.005 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:168 Resp: 38844

Ion	Ratio	Lower	Upper
168	100		
139	37.7	4.3	64.3
169	11.7	0.0	43.6

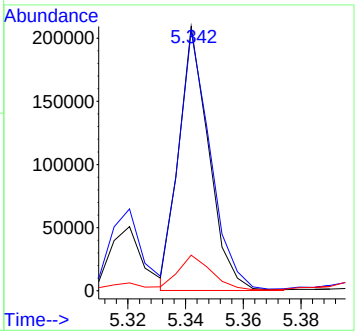


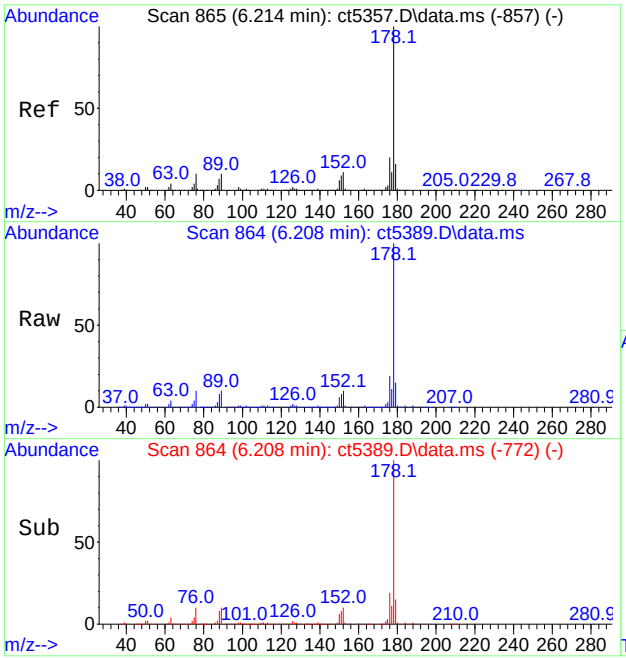


#66
Fluorene
Concen: 4.8770 ppm
RT: 5.342 min Scan# 702
Delta R.T. -0.005 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:166 Resp: 150921

Ion	Ratio	Lower	Upper
166	100		
165	97.9	66.0	126.0
167	12.8	0.0	43.6

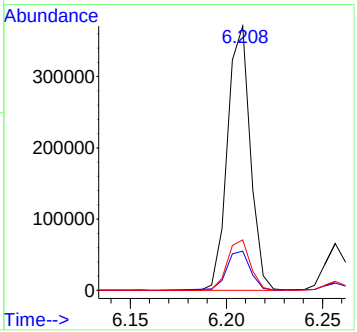


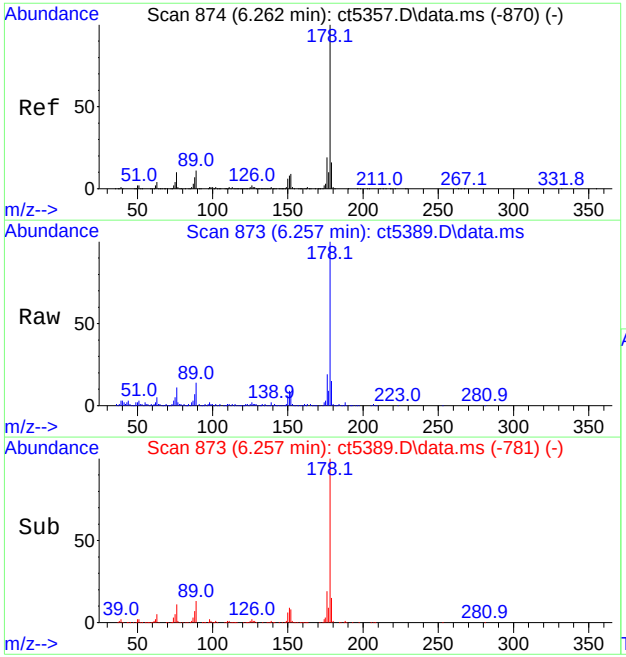


#78
Phenanthrene
Concen: 6.6881 ppm
RT: 6.208 min Scan# 864
Delta R.T. -0.005 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:178 Resp: 306111

Ion	Ratio	Lower	Upper
178	100		
179	14.8	0.0	45.6
176	19.1	0.0	49.7

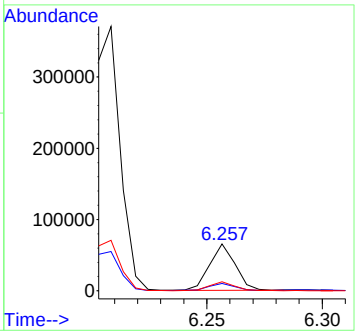


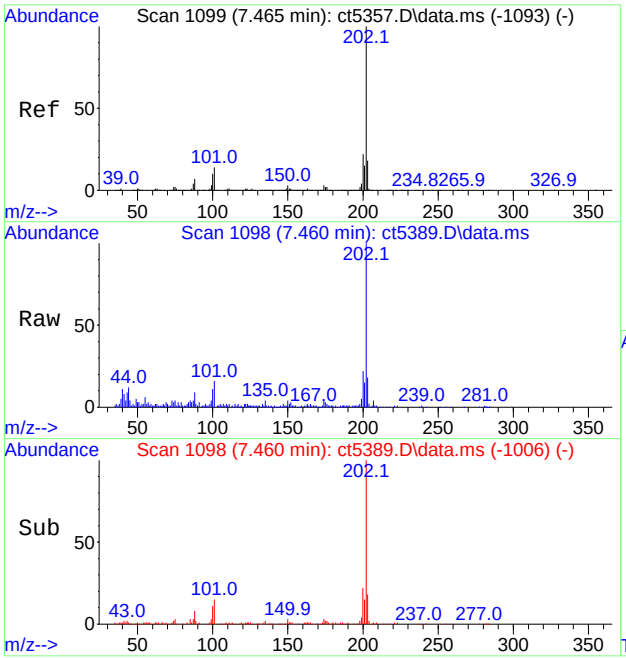


#79
Anthracene
Concen: 1.0836 ppm
RT: 6.257 min Scan# 873
Delta R.T. -0.005 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:178 Resp: 50235

Ion	Ratio	Lower	Upper
178	100		
179	14.8	0.0	45.7
176	19.3	0.0	49.2

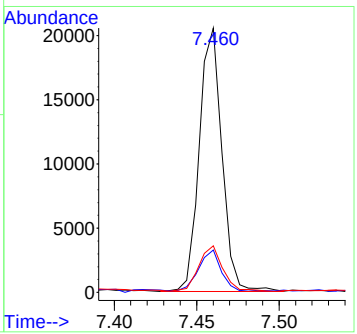


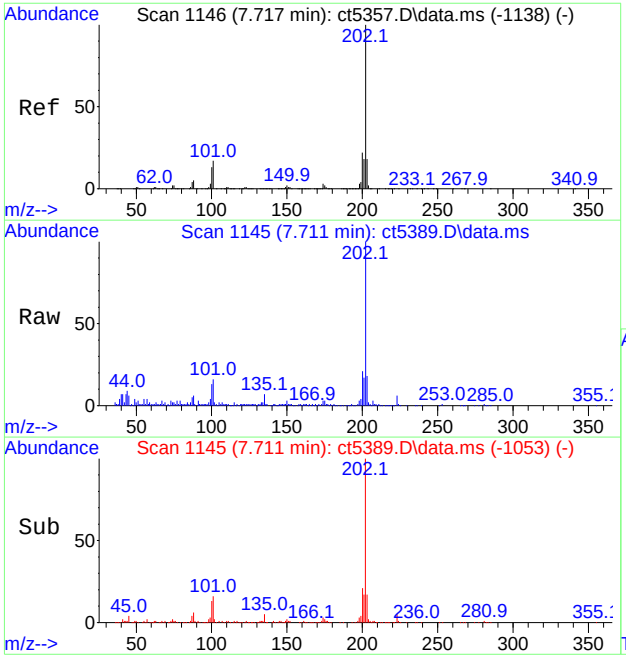


#82
Fluoranthene
Concen: 0.4187 ppm
RT: 7.460 min Scan# 1098
Delta R.T. -0.005 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:202 Resp: 19674

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	43.6
203	17.0	0.0	47.7

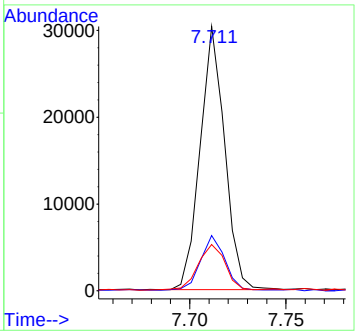




#86
Pyrene
Concen: 0.5198 ppm
RT: 7.711 min Scan# 1145
Delta R.T. -0.005 min
Lab File: ct5389.D
Acq: 21 Feb 2024 07:17 pm

Tgt Ion:202 Resp: 27020

Ion	Ratio	Lower	Upper
202	100		
200	20.7	0.0	51.8
203	17.2	0.0	48.0



7.1.7

7

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219083.D
Acq On : 20 Feb 2024 9:16 pm
Operator : karimam
Sample : jd82517-5 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 21 07:14:46 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration

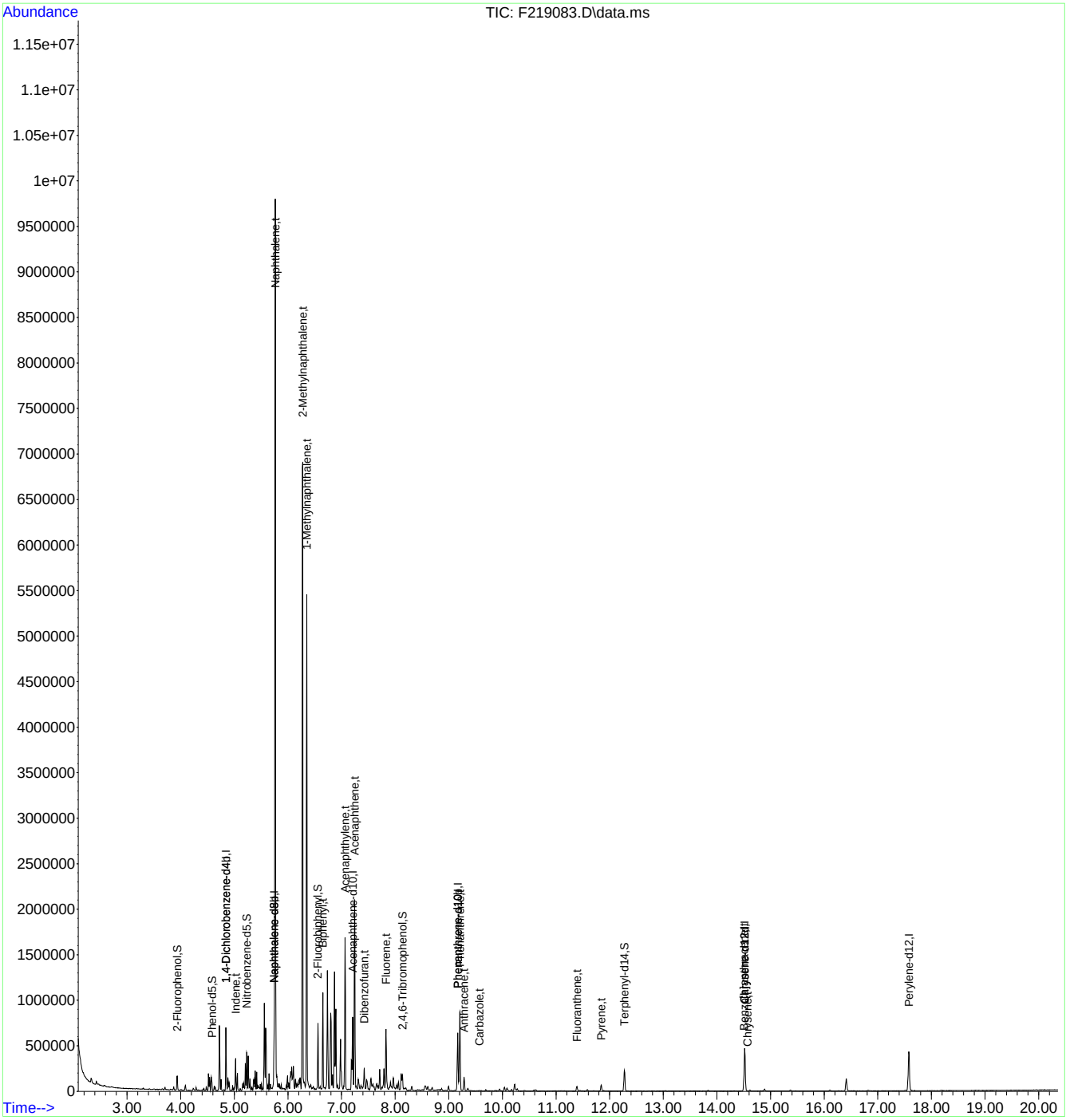
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.844	152	79875	40.00	ppm	0.00
24) Naphthalene-d8	5.741	136	301754	40.00	ppm	0.00
46) Acenaphthene-d10	7.205	164	177991	40.00	ppm	0.00
69) Phenanthrene-d10	9.165	188	309837	40.00	ppm	0.00
83) Chrysene-d12	14.518	240	246533	40.00	ppm	0.00
92) Perylene-d12	17.579	264	246756	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4b	4.844	152	79875	40.00	ppm	0.00
104) Phenanthrene-d10b	9.165	188	309837	40.00	ppm	0.00
106) Naphthalene-d8b	5.741	136	301754	40.00	ppm	0.00
108) Chrysene-d12d	14.518	240	246533	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.935	112	26164	11.90	ppm	0.00
Spiked Amount 50.000			Recovery = 23.80%			
8) Phenol-d5	4.582	99	23048	8.94	ppm	0.00
Spiked Amount 50.000			Recovery = 17.88%			
25) Nitrobenzene-d5	5.228	82	94568	42.74	ppm	0.00
Spiked Amount 50.000			Recovery = 85.48%			
51) 2-Fluorobiphenyl	6.558	172	186859	31.39	ppm	0.00
Spiked Amount 50.000			Recovery = 62.78%			
73) 2,4,6-Tribromophenol	8.134	330	16080	17.64	ppm	0.00
Spiked Amount 50.000			Recovery = 35.28%			
86) Terphenyl-d14	12.275	244	115369	19.49	ppm	0.00
Spiked Amount 50.000			Recovery = 38.98%			
Target Compounds						Qvalue
6) Indene	5.025	116	72333	17.7650	ppm	99
38) Naphthalene	5.768	128	4264816	563.8014	ppm	97
44) 2-Methylnaphthalene	6.275	141	1672711	385.0719	ppm	99
45) 1-Methylnaphthalene	6.350	142	1304827	287.7925	ppm	97
53) Biphenyl	6.649	154	275983	42.0552	ppm	98
56) Acenaphthylene	7.066	152	571715	91.1734	ppm	97
59) Acenaphthene	7.242	153	477438	85.6370	ppm	93
62) Dibenzofuran	7.424	168	53744	7.5339	ppm	97
66) Fluorene	7.830	166	219020	39.0892	ppm	98
77) Phenanthrene	9.208	178	439231	55.5323	ppm	99
78) Anthracene	9.283	178	77135	9.9553	ppm	100
79) Carbazole	9.571	167	2582	0.3621	ppm	92
81) Fluoranthene	11.388	202	29306	3.5533	ppm	98
85) Pyrene	11.842	202	38924	5.1440	ppm	97
88) Benzo[a]anthracene	14.502	228	1930	0.2669	ppm	63
90) Chrysene	14.572	228	704	0.0983	ppm	53

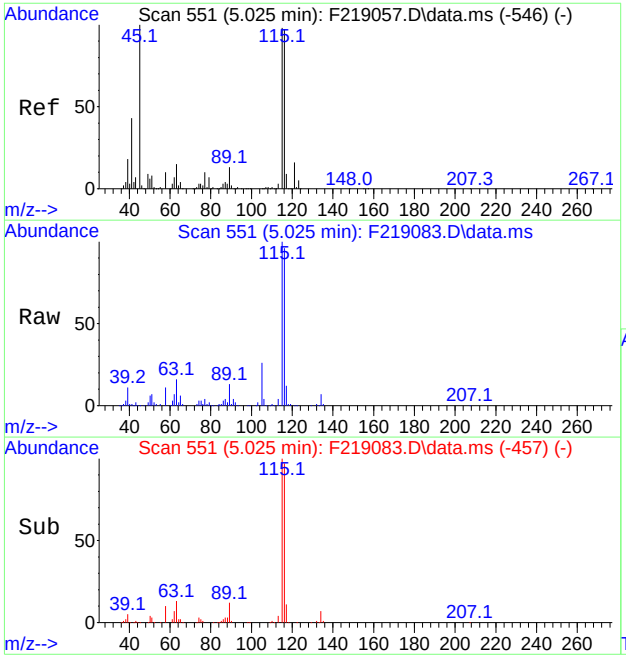
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219083.D
Acq On : 20 Feb 2024 9:16 pm
Operator : karimam
Sample : jd82517-5 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 21 07:14:46 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 06:54:32 2024
Response via : Initial Calibration

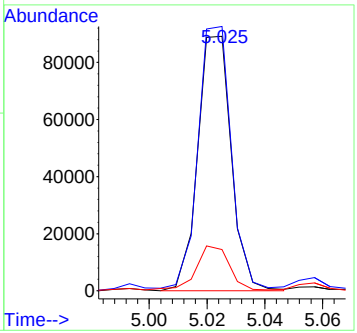


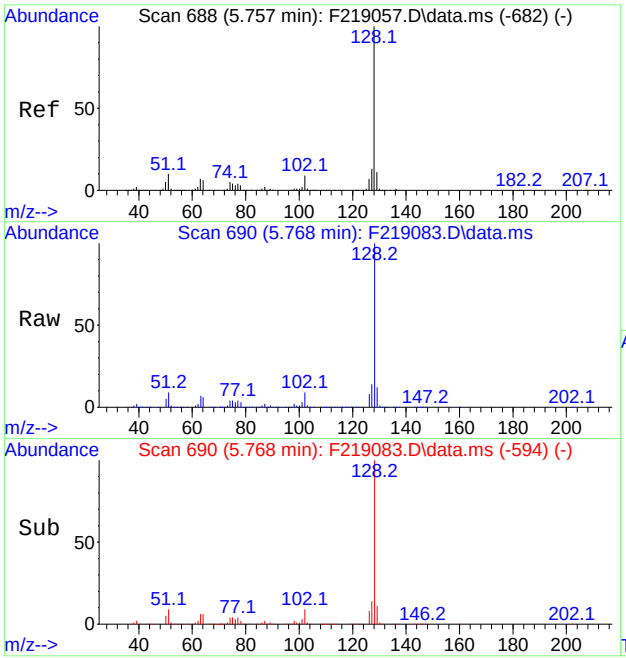


#6
Indene
Concen: 17.7650 ppm
RT: 5.025 min Scan# 551
Delta R.T. -0.000 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:116 Resp: 72333

Ion	Ratio	Lower	Upper
116	100		
115	102.9	72.0	132.0
63	15.4	0.0	45.3

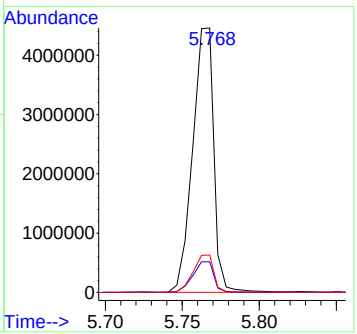


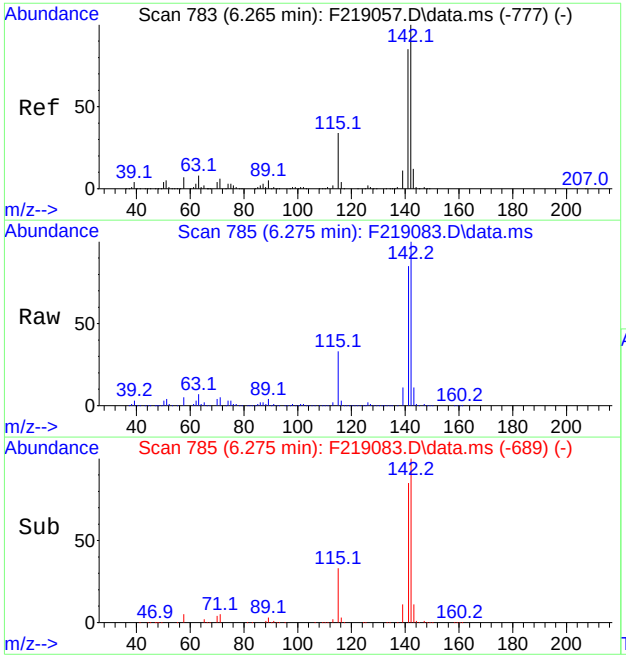


#38
Naphthalene
Concen: 563.8014 ppm
RT: 5.768 min Scan# 690
Delta R.T. 0.010 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:128 Resp: 4264816

Ion	Ratio	Lower	Upper
128	100		
129	11.5	0.0	40.7
127	14.1	0.0	42.6

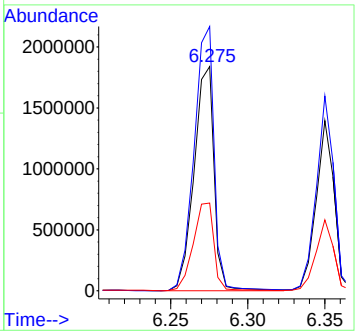


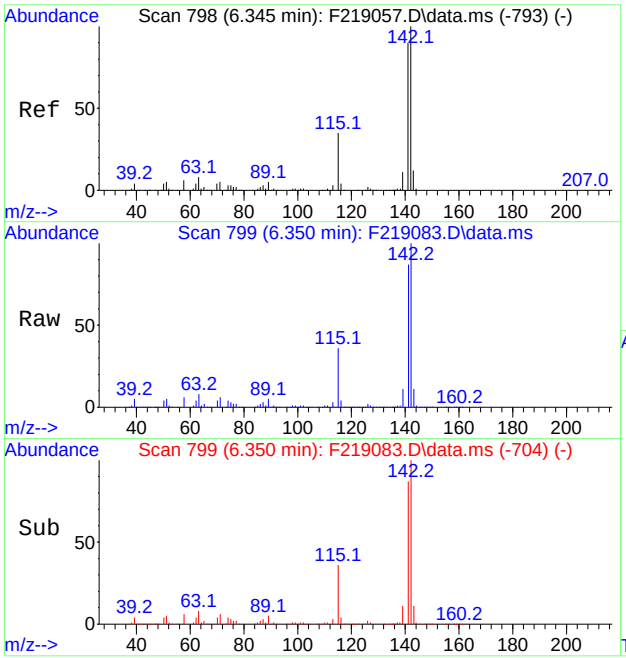


#44
2-Methylnaphthalene
Concen: 385.0719 ppm
RT: 6.275 min Scan# 785
Delta R.T. 0.010 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:141 Resp: 1672711

Ion	Ratio	Lower	Upper
141	100		
142	118.0	87.1	147.1
115	39.1	10.0	70.0

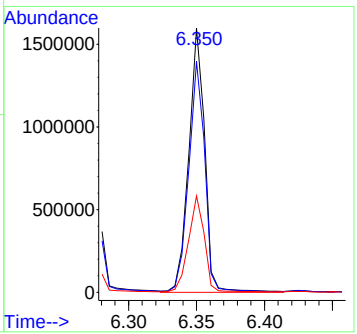


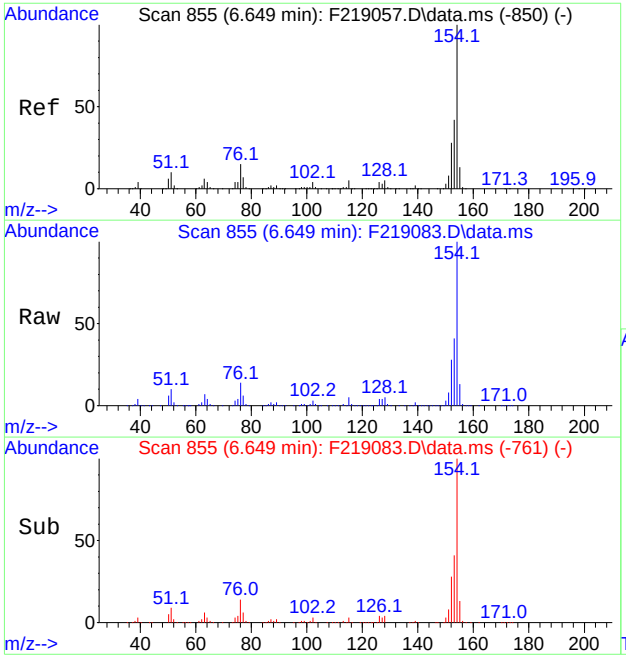


#45
1-Methylnaphthalene
Concen: 287.7925 ppm
RT: 6.350 min Scan# 799
Delta R.T. 0.005 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:142 Resp: 1304827

Ion	Ratio	Lower	Upper
142	100		
141	87.3	59.9	119.9
115	36.4	5.3	65.3

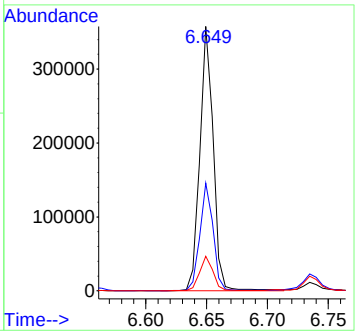


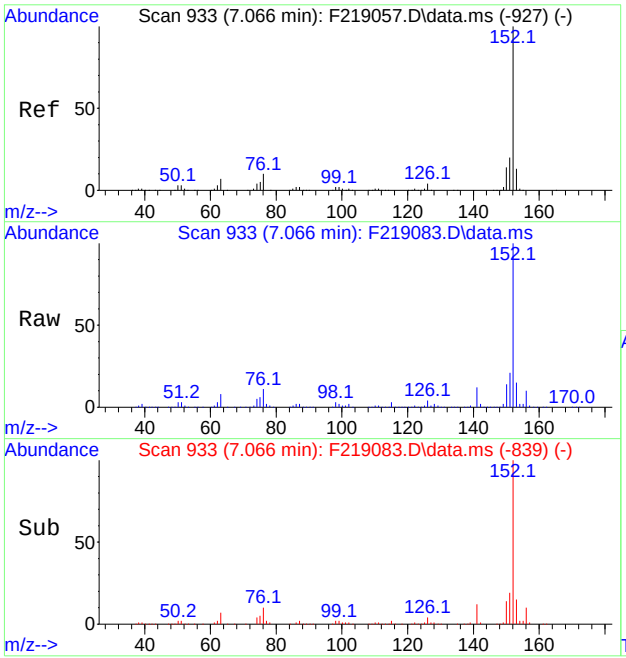


#53
Biphenyl
Concen: 42.0552 ppm
RT: 6.649 min Scan# 855
Delta R.T. -0.000 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:154 Resp: 275983

Ion	Ratio	Lower	Upper
154	100		
153	40.6	11.7	71.7
155	12.9	0.0	43.1

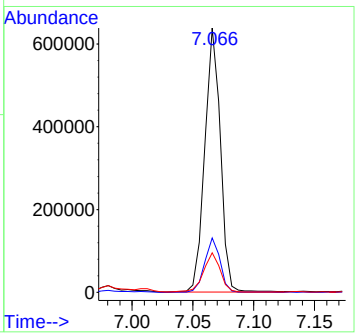


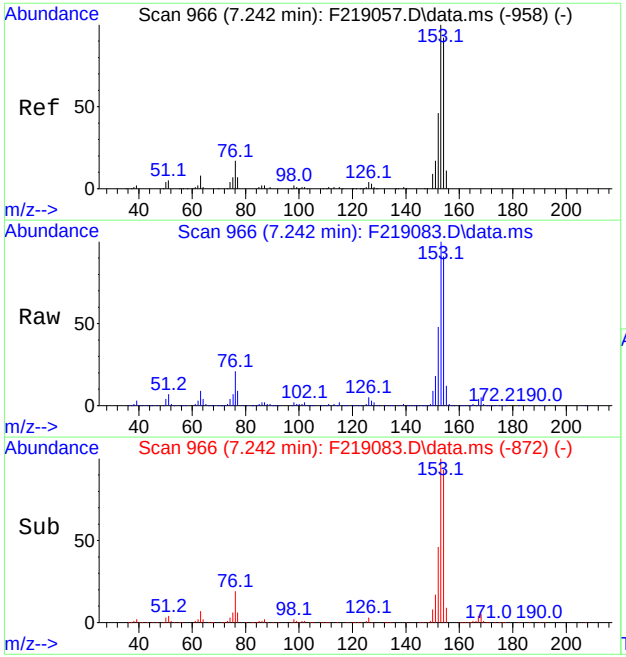


#56
Acenaphthylene
Concen: 91.1734 ppm
RT: 7.066 min Scan# 933
Delta R.T. -0.000 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:152 Resp: 571715

Ion	Ratio	Lower	Upper
152	100		
151	20.6	0.0	49.7
153	14.9	0.0	42.8

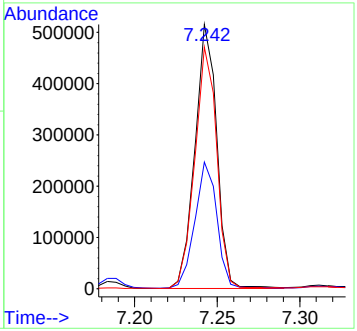


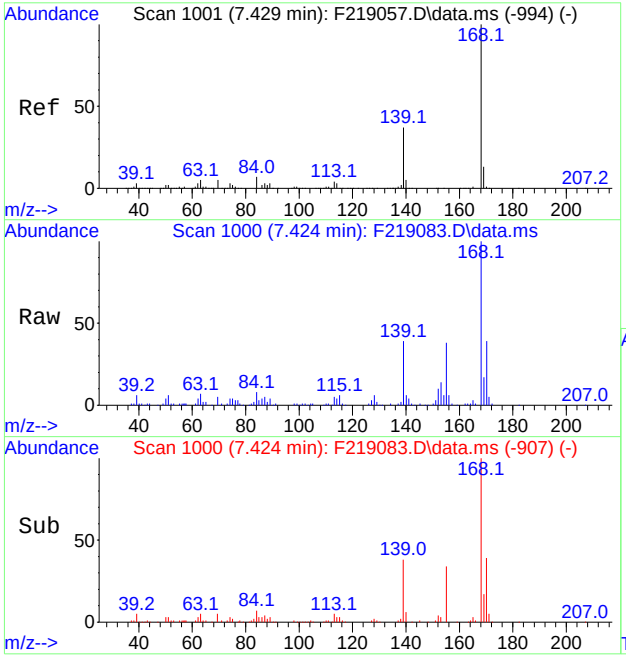


#59
Acenaphthene
Concen: 85.6370 ppm
RT: 7.242 min Scan# 966
Delta R.T. -0.000 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:153 Resp: 477438

Ion	Ratio	Lower	Upper
153	100		
152	47.7	15.8	75.8
154	91.4	53.0	113.0

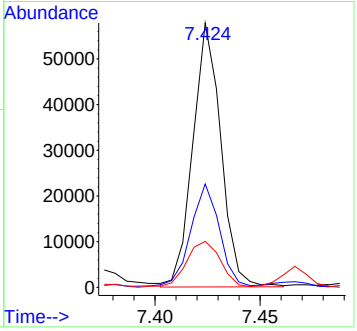


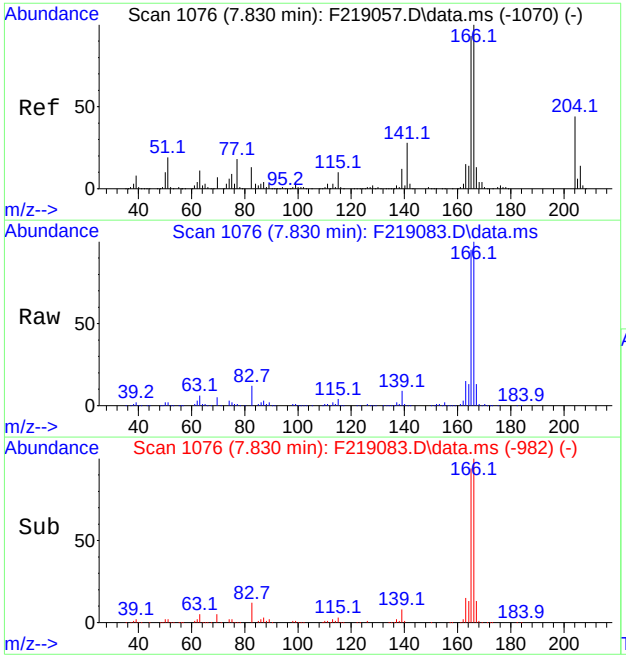


#62
Dibenzofuran
Concen: 7.5339 ppm
RT: 7.424 min Scan# 1000
Delta R.T. -0.006 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:168 Resp: 53744

Ion	Ratio	Lower	Upper
168	100		
139	38.1	6.6	66.6
169	15.0	0.0	43.3

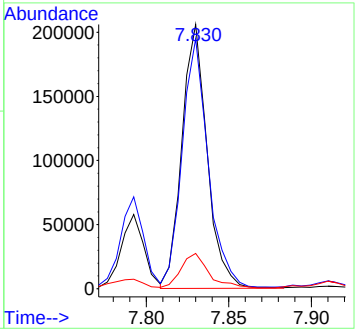


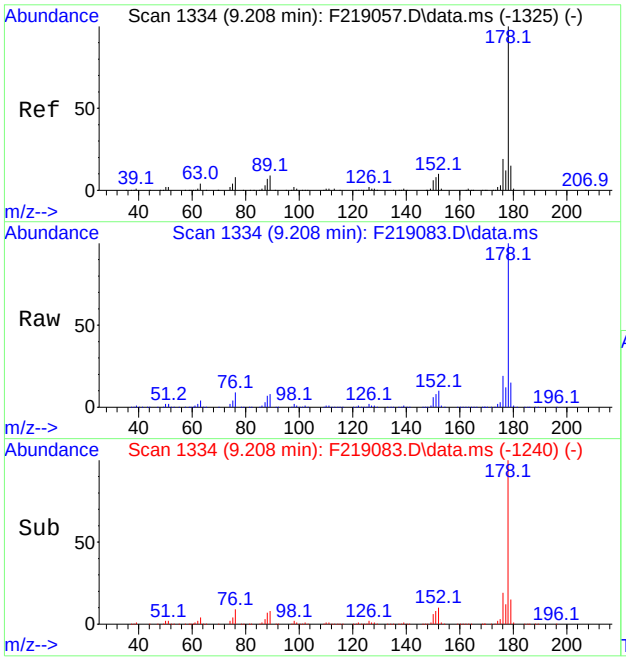


#66
Fluorene
Concen: 39.0892 ppm
RT: 7.830 min Scan# 1076
Delta R.T. -0.000 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:166 Resp: 219020

Ion	Ratio	Lower	Upper
166	100		
165	94.2	62.5	122.5
167	12.8	0.0	43.1

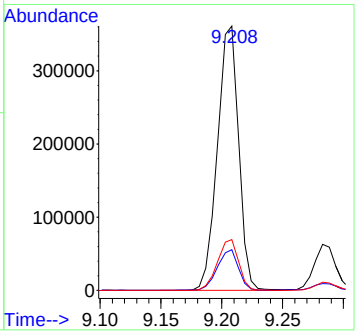


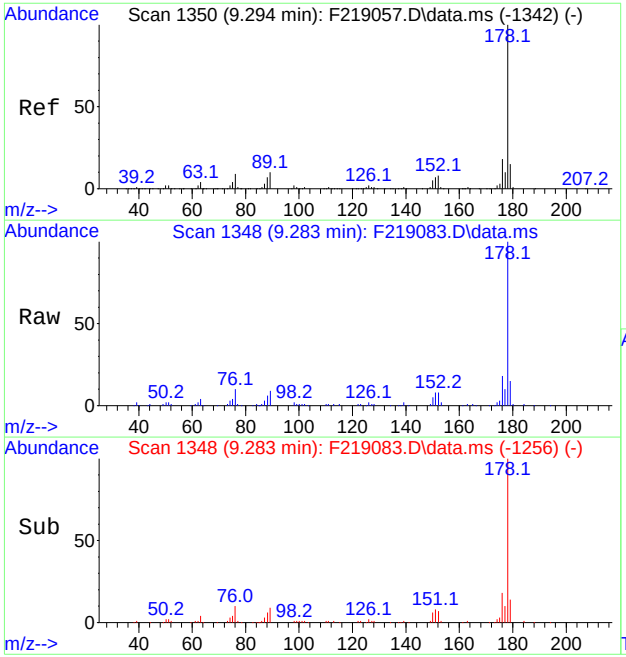


#77
Phenanthrene
Concen: 55.5323 ppm
RT: 9.208 min Scan# 1334
Delta R.T. -0.000 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:178 Resp: 439231

Ion	Ratio	Lower	Upper
178	100		
179	15.4	0.0	45.4
176	19.3	0.0	48.6

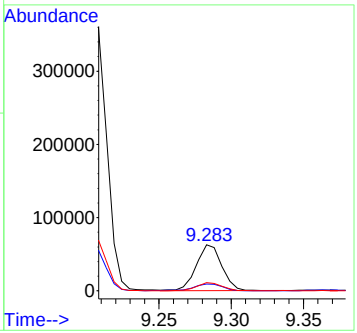


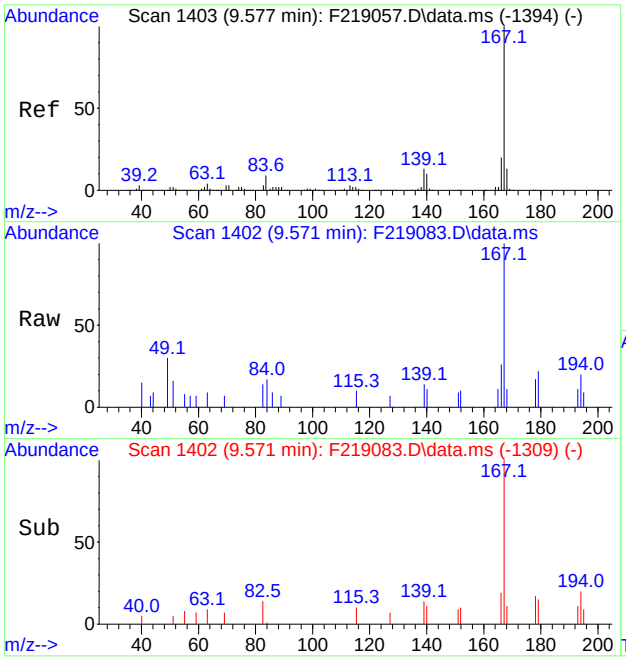


#78
Anthracene
Concen: 9.9553 ppm
RT: 9.283 min Scan# 1348
Delta R.T. -0.011 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:178 Resp: 77135

Ion	Ratio	Lower	Upper
178	100		
179	14.5	0.0	44.8
176	17.7	0.0	47.7

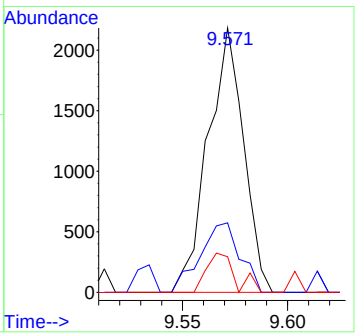


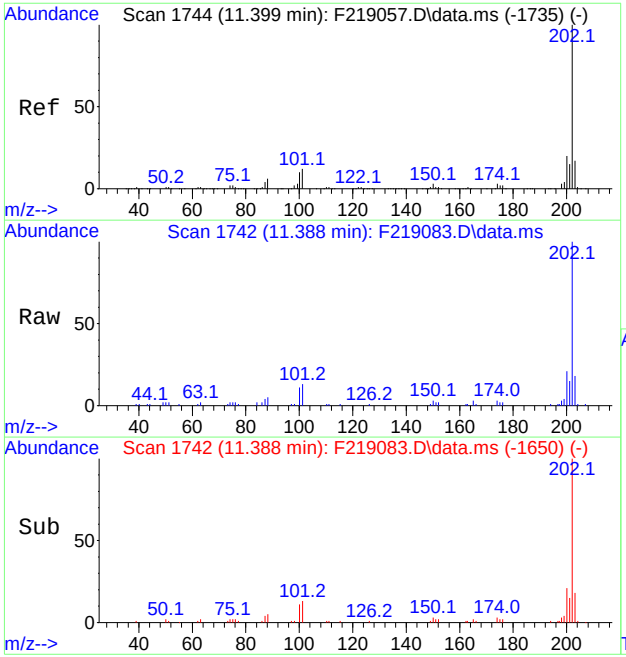


#79
Carbazole
Concen: 0.3621 ppm
RT: 9.571 min Scan# 1402
Delta R.T. -0.006 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:167 Resp: 2582

Ion	Ratio	Lower	Upper
167	100		
166	26.2	0.0	50.5
139	13.5	0.0	42.8

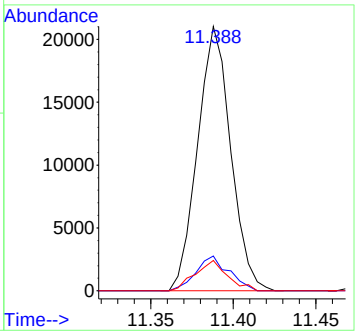


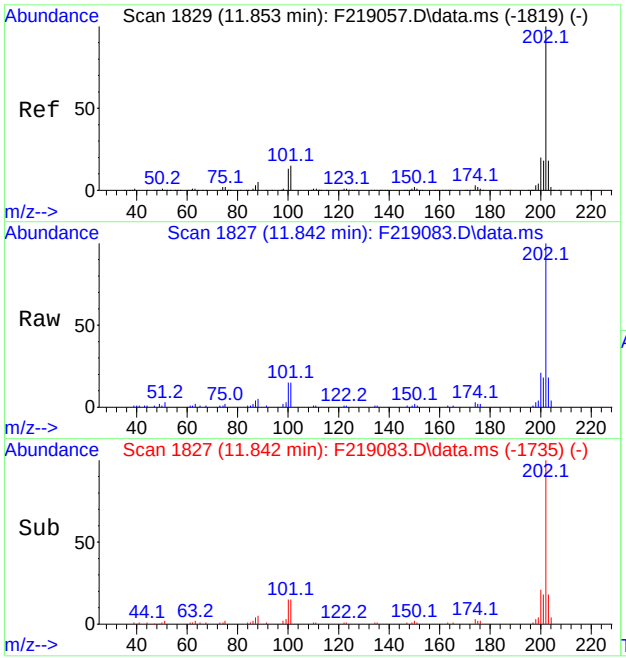


#81
Fluoranthene
Concen: 3.5533 ppm
RT: 11.388 min Scan# 1742
Delta R.T. -0.011 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:202 Resp: 29306

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	42.4
100	11.4	0.0	40.3

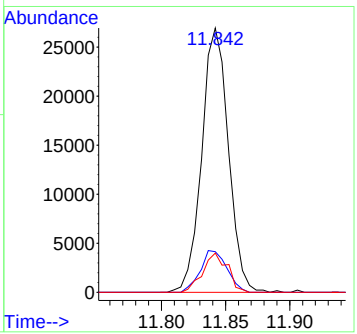


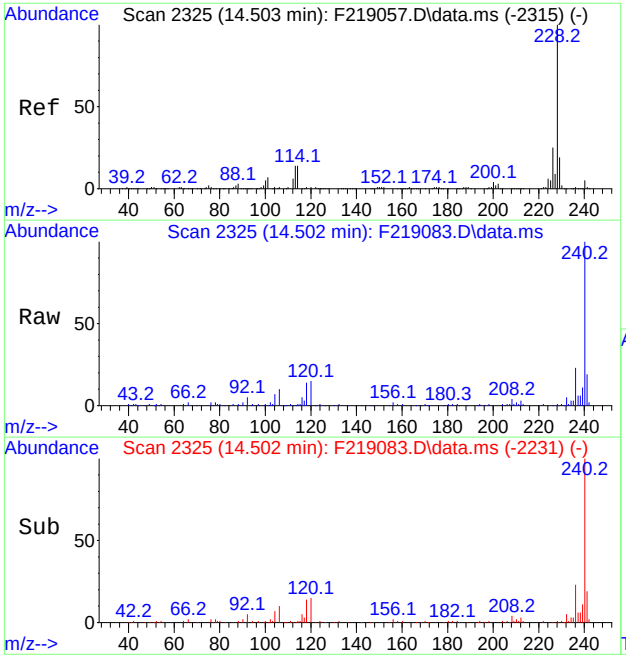


#85
Pyrene
Concen: 5.1440 ppm
RT: 11.842 min Scan# 1827
Delta R.T. -0.011 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:202 Resp: 38924

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	45.4
100	14.9	0.0	42.5

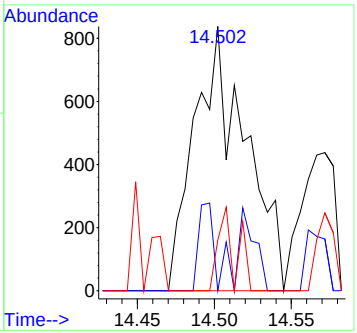


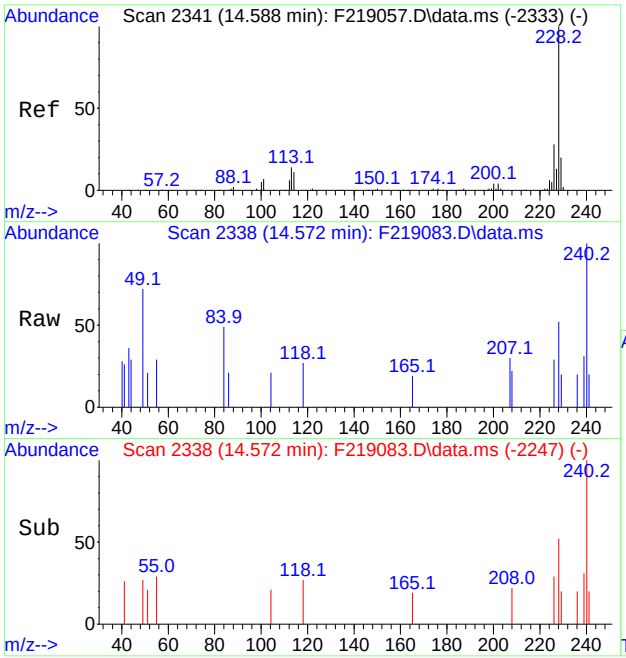


#88
Benzo[a]anthracene
Concen: 0.2669 ppm
RT: 14.502 min Scan# 2325
Delta R.T. -0.000 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:228 Resp: 1930

Ion	Ratio	Lower	Upper
228	100		
229	0.0	0.0	49.4
226	8.9	0.0	54.9

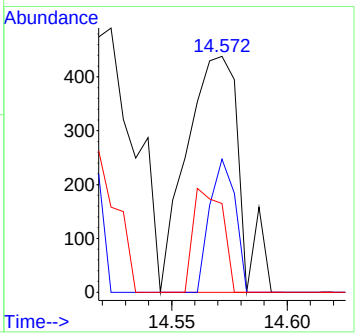




#90
Chrysene
Concen: 0.0983 ppm
RT: 14.572 min Scan# 2338
Delta R.T. -0.016 min
Lab File: F219083.D
Acq: 20 Feb 2024 9:16 pm

Tgt Ion:228 Resp: 704

Ion	Ratio	Lower	Upper
228	100		
226	56.4	0.0	58.2
229	37.7	0.0	49.8



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5388.D
Acq On : 21 Feb 2024 06:59 pm
Operator : karimam
Sample : jd82517-6 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,5
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 22 02:47:22 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

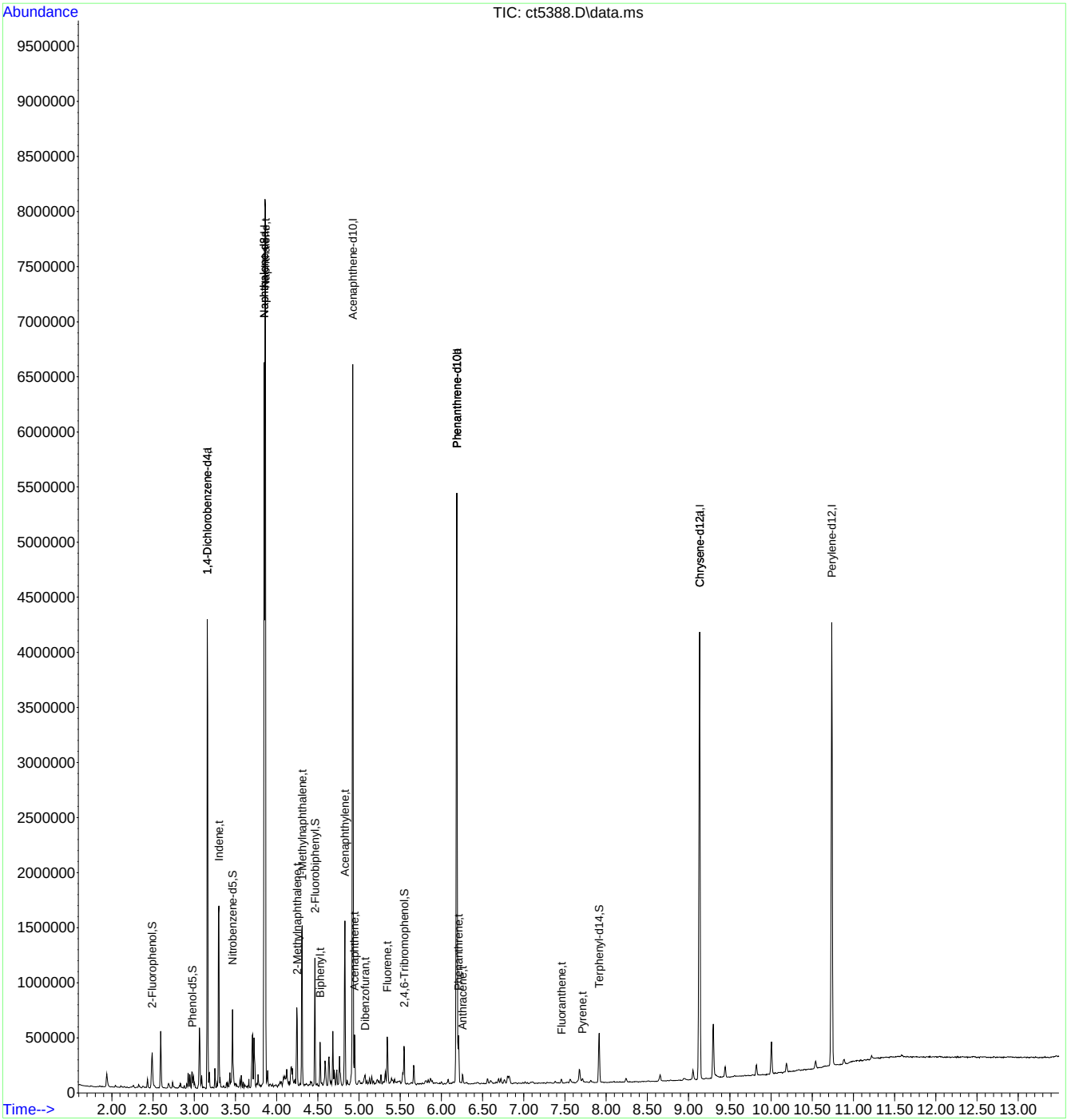
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.159	152	442952	40.00	ppm	0.00
24) Naphthalene-d8	3.849	136	1770730	40.00	ppm	0.00
46) Acenaphthene-d10	4.924	164	985521	40.00	ppm	0.00
69) Phenanthrene-d10	6.187	188	1729595	40.00	ppm	0.00
84) Chrysene-d12	9.134	240	1330577	40.00	ppm	0.00
93) Perylene-d12	10.738	264	1490724	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.159	152	442952	40.00	ppm	0.00
105) Phenanthrene-d10a	6.187	188	1729595	40.00	ppm	0.00
107) Naphthalene-d8a	3.849	136	1770730	40.00	ppm	0.00
109) Phenanthrene-d10b	6.187	188	1729595	40.00	ppm	0.00
112) Chrysene-d12a	9.134	240	1330577	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.491	112	49898	3.18	ppm	0.00
Spiked Amount 50.000			Recovery	=	6.36%	
8) Phenol-d5	2.978	99	42048	2.23	ppm	0.00
Spiked Amount 50.000			Recovery	=	4.46%	
25) Nitrobenzene-d5	3.464	82	125962	6.99	ppm	0.00
Spiked Amount 50.000			Recovery	=	13.98%	
51) 2-Fluorobiphenyl	4.464	172	213936	6.56	ppm	0.00
Spiked Amount 50.000			Recovery	=	13.12%	
74) 2,4,6-Tribromophenol	5.550	330	25559	5.82	ppm	0.00
Spiked Amount 50.000			Recovery	=	11.64%	
87) Terphenyl-d14	7.914	244	137747	3.75	ppm	0.00
Spiked Amount 50.000			Recovery	=	7.50%	
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery	=	0.00%	
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						Qvalue
6) Indene	3.298	116	354466	13.8294	ppm	98
38) Naphthalene	3.865	128	2603069	55.7585	ppm	99
44) 2-Methylnaphthalene	4.250	141	108303	3.9750	ppm	99
45) 1-Methylnaphthalene	4.309	141	265193	9.4701	ppm	98
53) Biphenyl	4.529	154	78454	2.1006	ppm	99
56) Acenaphthylene	4.828	152	437557	9.7236	ppm	99
59) Acenaphthene	4.946	153	71088	2.3357	ppm	98
62) Dibenzofuran	5.074	168	19276	0.4823	ppm	92
66) Fluorene	5.342	166	99899	3.1686	ppm	98
78) Phenanthrene	6.208	178	132893	2.8416	ppm	99
79) Anthracene	6.256	178	26175	0.5526	ppm	97
82) Fluoranthene	7.460	202	12910	0.2689	ppm	90
86) Pyrene	7.711	202	11958	0.2219	ppm	96

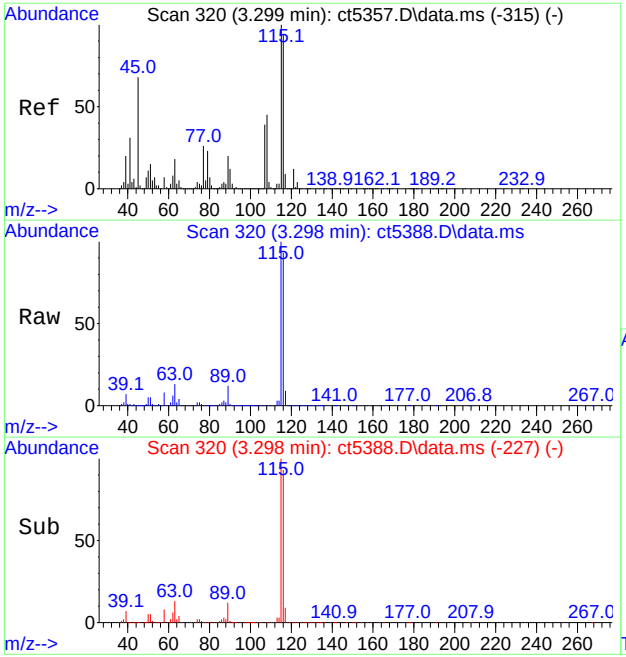
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5388.D
Acq On : 21 Feb 2024 06:59 pm
Operator : karimam
Sample : jd82517-6 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,5
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 22 02:47:22 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

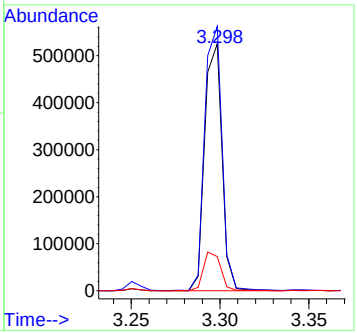


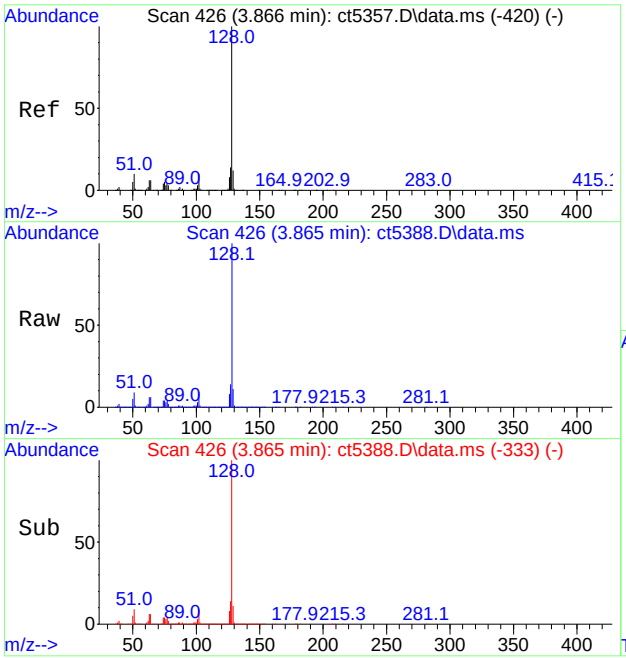


#6
Indene
Concen: 13.8294 ppm
RT: 3.298 min Scan# 320
Delta R.T. -0.000 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:116 Resp: 354466

Ion	Ratio	Lower	Upper
116	100		
115	107.0	76.2	136.2
63	13.8	0.0	49.3

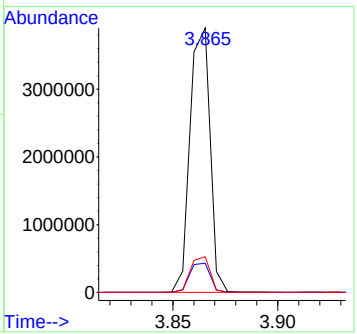


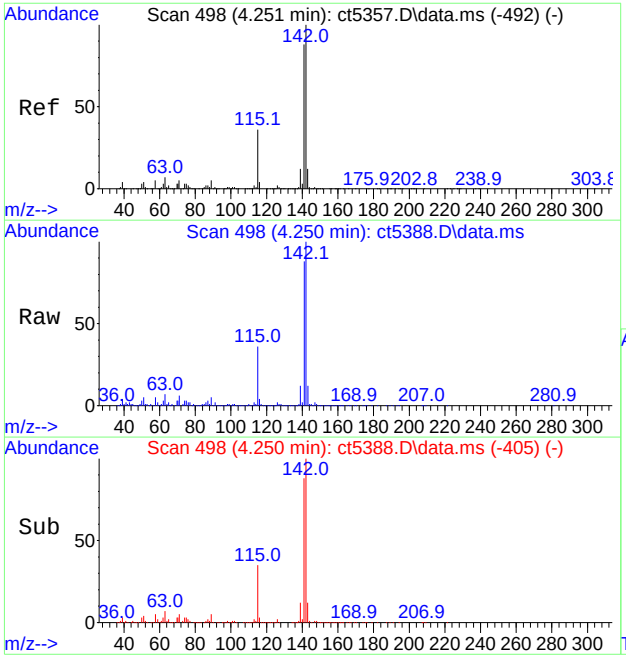


#38
Naphthalene
Concen: 55.7585 ppm
RT: 3.865 min Scan# 426
Delta R.T. -0.000 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:128 Resp: 2603069

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	41.6
127	13.5	0.0	43.7

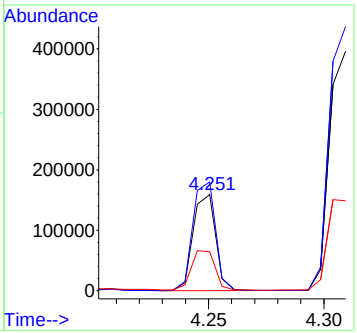


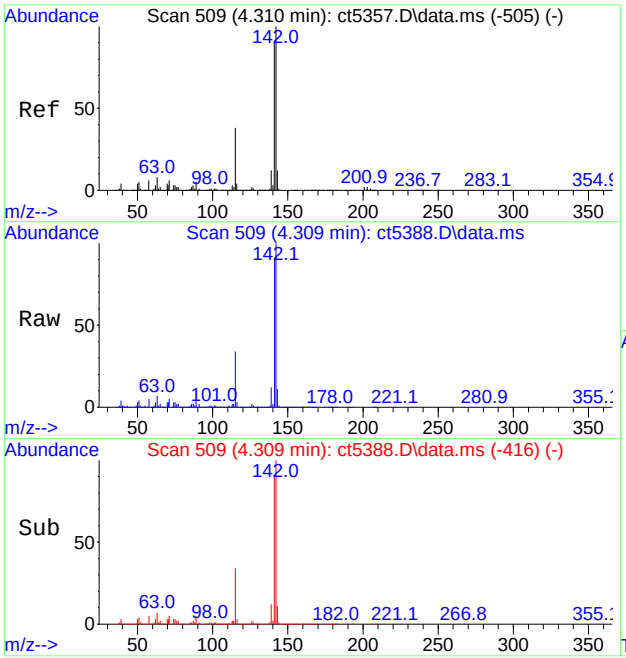


#44
2-Methylnaphthalene
Concen: 3.9750 ppm
RT: 4.250 min Scan# 498
Delta R.T. -0.000 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:141 Resp: 108303

Ion	Ratio	Lower	Upper
141	100		
142	113.3	83.9	143.9
115	39.8	10.8	70.8

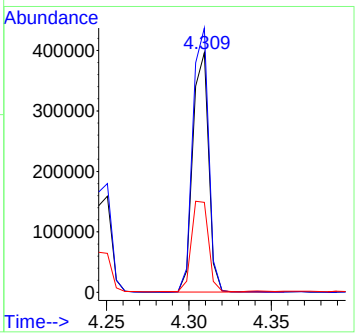


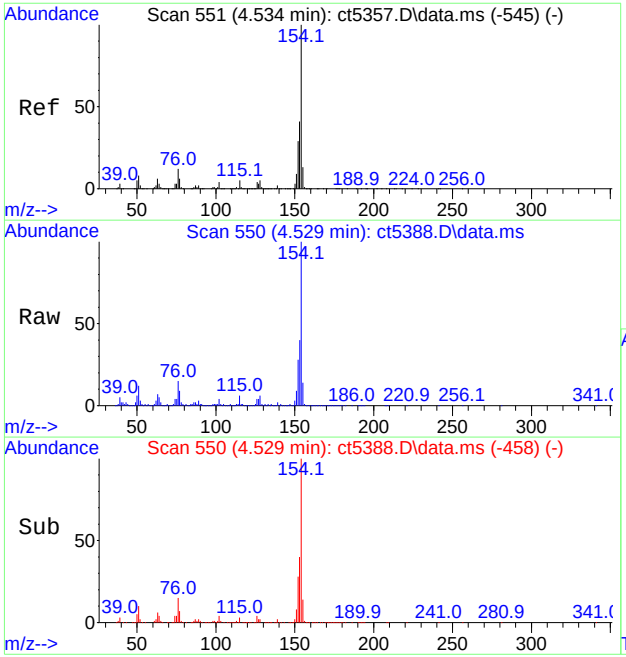


#45
1-Methylnaphthalene
Concen: 9.4701 ppm
RT: 4.309 min Scan# 509
Delta R.T. -0.000 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:141 Resp: 265193

Ion	Ratio	Lower	Upper
141	100		
142	110.4	80.7	140.7
115	37.2	11.8	71.8

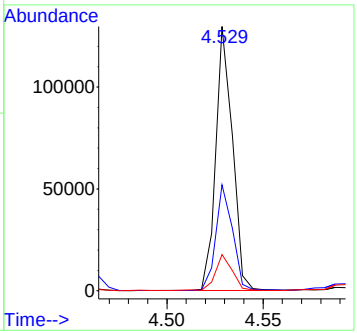


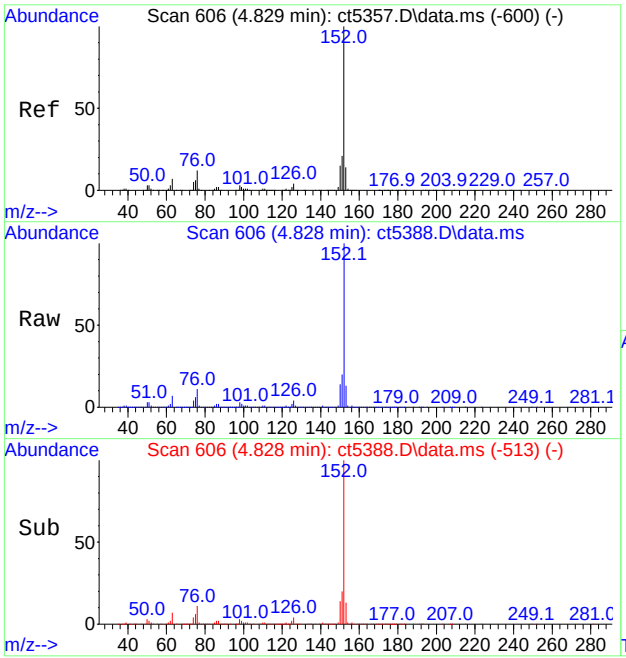


#53
Biphenyl
Concen: 2.1006 ppm
RT: 4.529 min Scan# 550
Delta R.T. -0.006 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:154 Resp: 78454

Ion	Ratio	Lower	Upper
154	100		
153	40.0	10.7	70.7
155	13.6	0.0	43.2

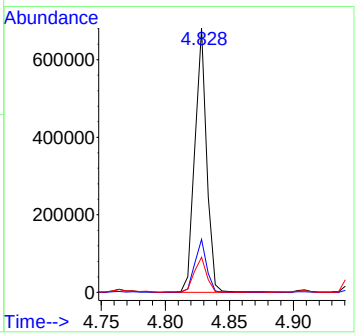


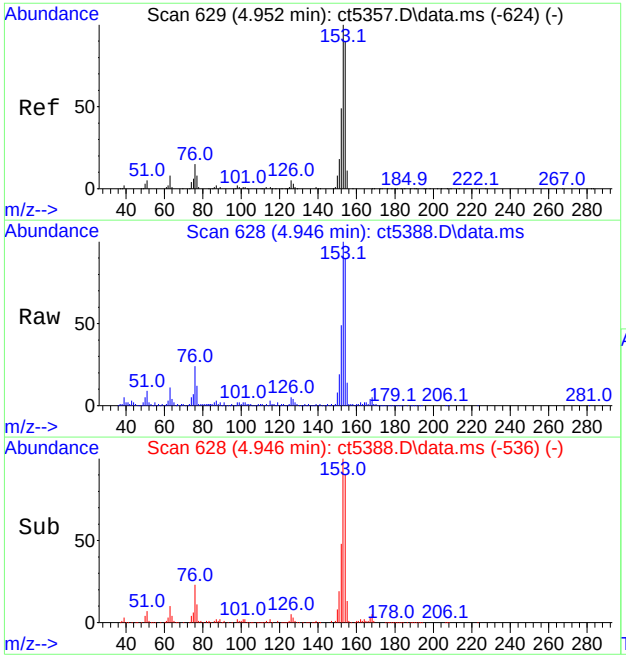


#56
Acenaphthylene
Concen: 9.7236 ppm
RT: 4.828 min Scan# 606
Delta R.T. -0.000 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:152 Resp: 437557

Ion	Ratio	Lower	Upper
152	100		
151	20.0	0.0	50.5
153	13.3	0.0	43.9

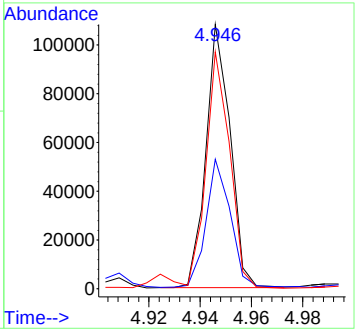


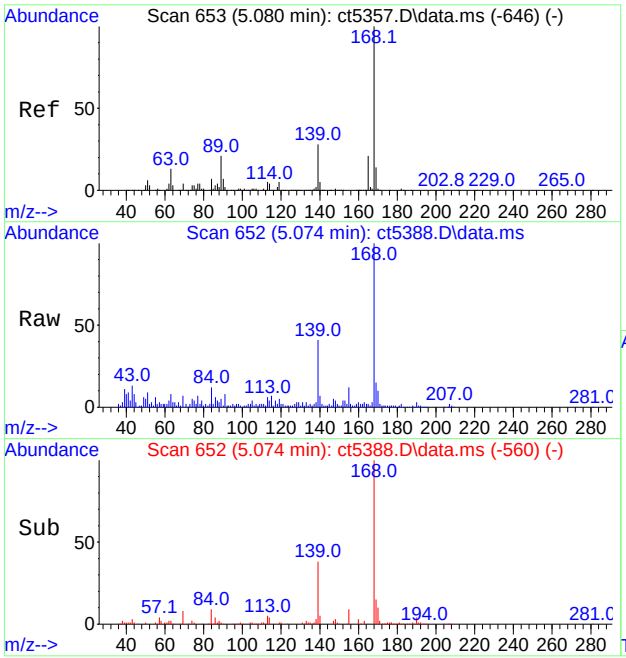


#59
Acenaphthene
Concen: 2.3357 ppm
RT: 4.946 min Scan# 628
Delta R.T. -0.006 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:153 Resp: 71088

Ion	Ratio	Lower	Upper
153	100		
152	48.5	18.5	78.5
154	87.2	60.0	120.0

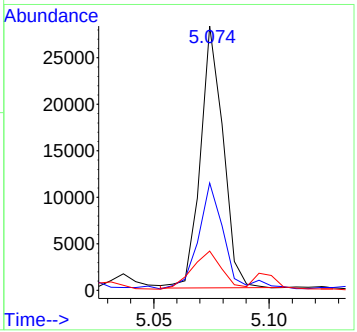


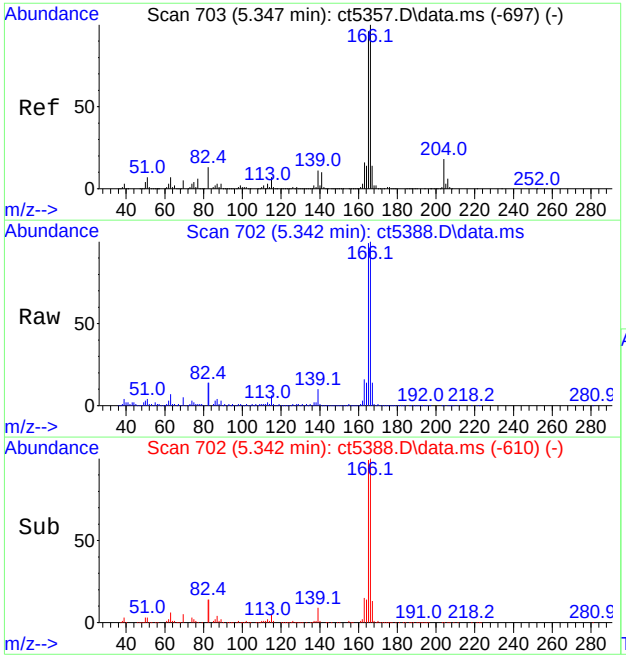


#62
Dibenzofuran
Concen: 0.4823 ppm
RT: 5.074 min Scan# 652
Delta R.T. -0.006 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:168 Resp: 19276

Ion	Ratio	Lower	Upper
168	100		
139	40.2	4.3	64.3
169	14.2	0.0	43.6

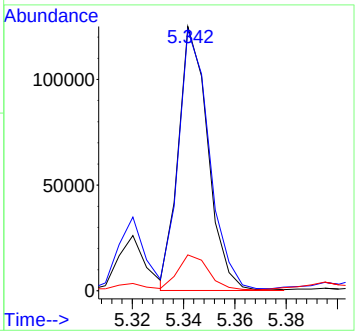


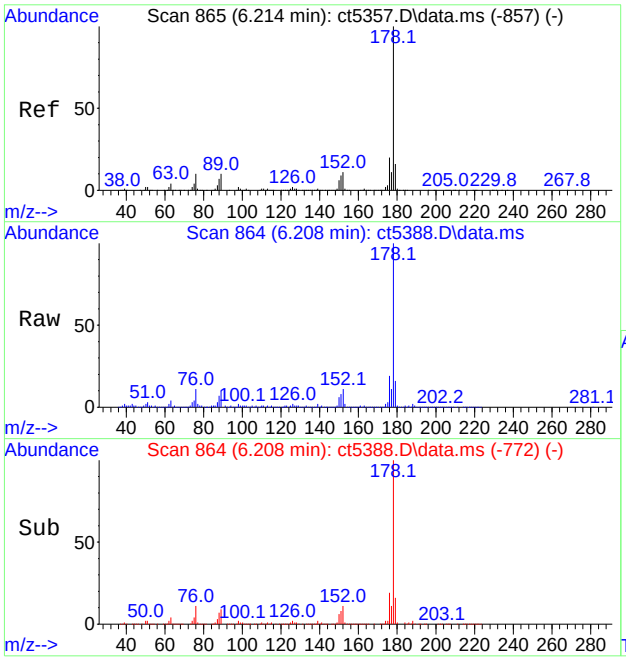


#66
Fluorene
Concen: 3.1686 ppm
RT: 5.342 min Scan# 702
Delta R.T. -0.006 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:166 Resp: 99899

Ion	Ratio	Lower	Upper
166	100		
165	98.0	66.0	126.0
167	12.8	0.0	43.6

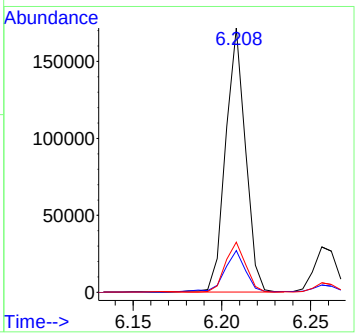


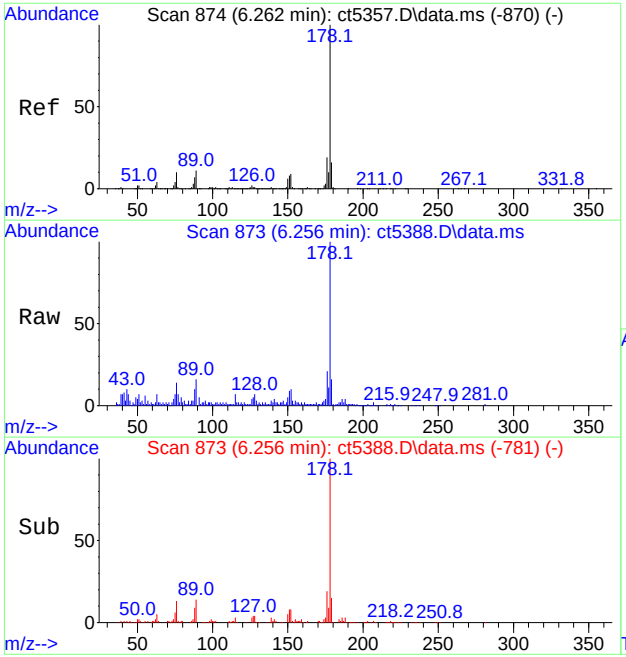


#78
Phenanthrene
Concen: 2.8416 ppm
RT: 6.208 min Scan# 864
Delta R.T. -0.006 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:178 Resp: 132893

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	45.6
176	18.7	0.0	49.7

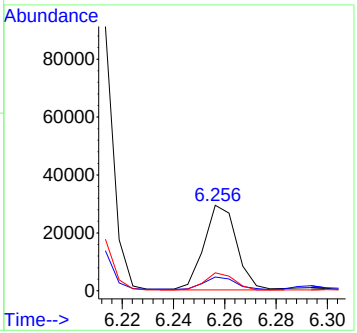


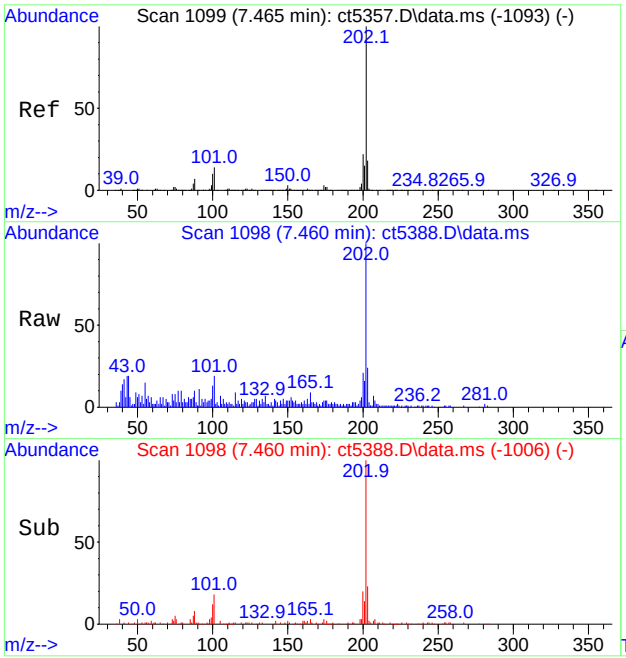


#79
Anthracene
Concen: 0.5526 ppm
RT: 6.256 min Scan# 873
Delta R.T. -0.006 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:178 Resp: 26175

Ion	Ratio	Lower	Upper
178	100		
179	14.5	0.0	45.7
176	20.3	0.0	49.2

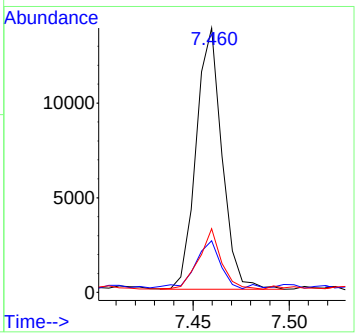


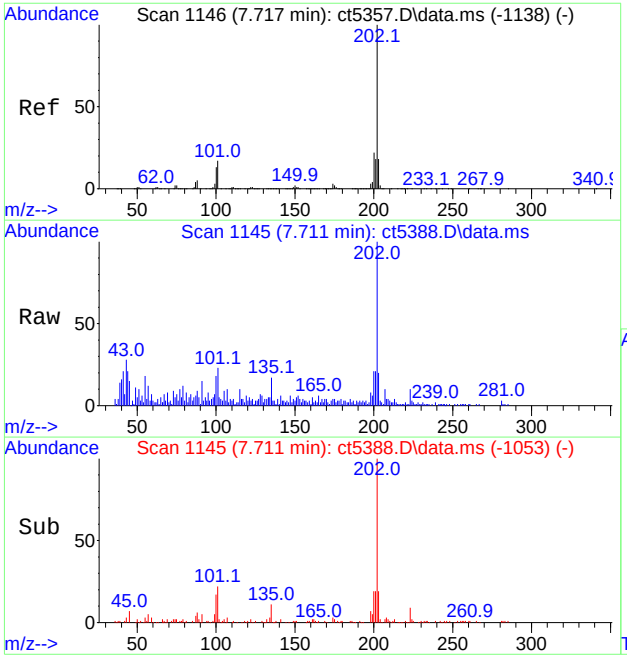


#82
Fluoranthene
Concen: 0.2689 ppm
RT: 7.460 min Scan# 1098
Delta R.T. -0.006 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:202 Resp: 12910

Ion	Ratio	Lower	Upper
202	100		
101	17.1	0.0	43.6
203	22.8	0.0	47.7

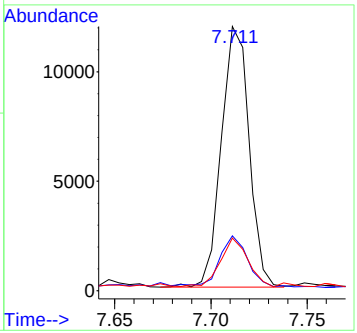




#86
Pyrene
Concen: 0.2219 ppm
RT: 7.711 min Scan# 1145
Delta R.T. -0.006 min
Lab File: ct5388.D
Acq: 21 Feb 2024 06:59 pm

Tgt Ion:202 Resp: 11958

Ion	Ratio	Lower	Upper
202	100		
200	18.6	0.0	51.8
203	17.5	0.0	48.0



7.1.9

7

Manual Integrations APPROVED (compounds with "m" flag)
Jeryll Fabriene Reyes 02/22/24 04:13

Quantitation Report (QT Reviewed)

Data Path : R:\MSSEMI\Completed\February 2024\022124\nerirose\ect271\
Data File : ct5342.D
Acq On : 20 Feb 2024 05:26 pm
Operator : karimam
Sample : jd82517-7 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 22 08:57:49 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 09:16:30 2024
Response via : Initial Calibration

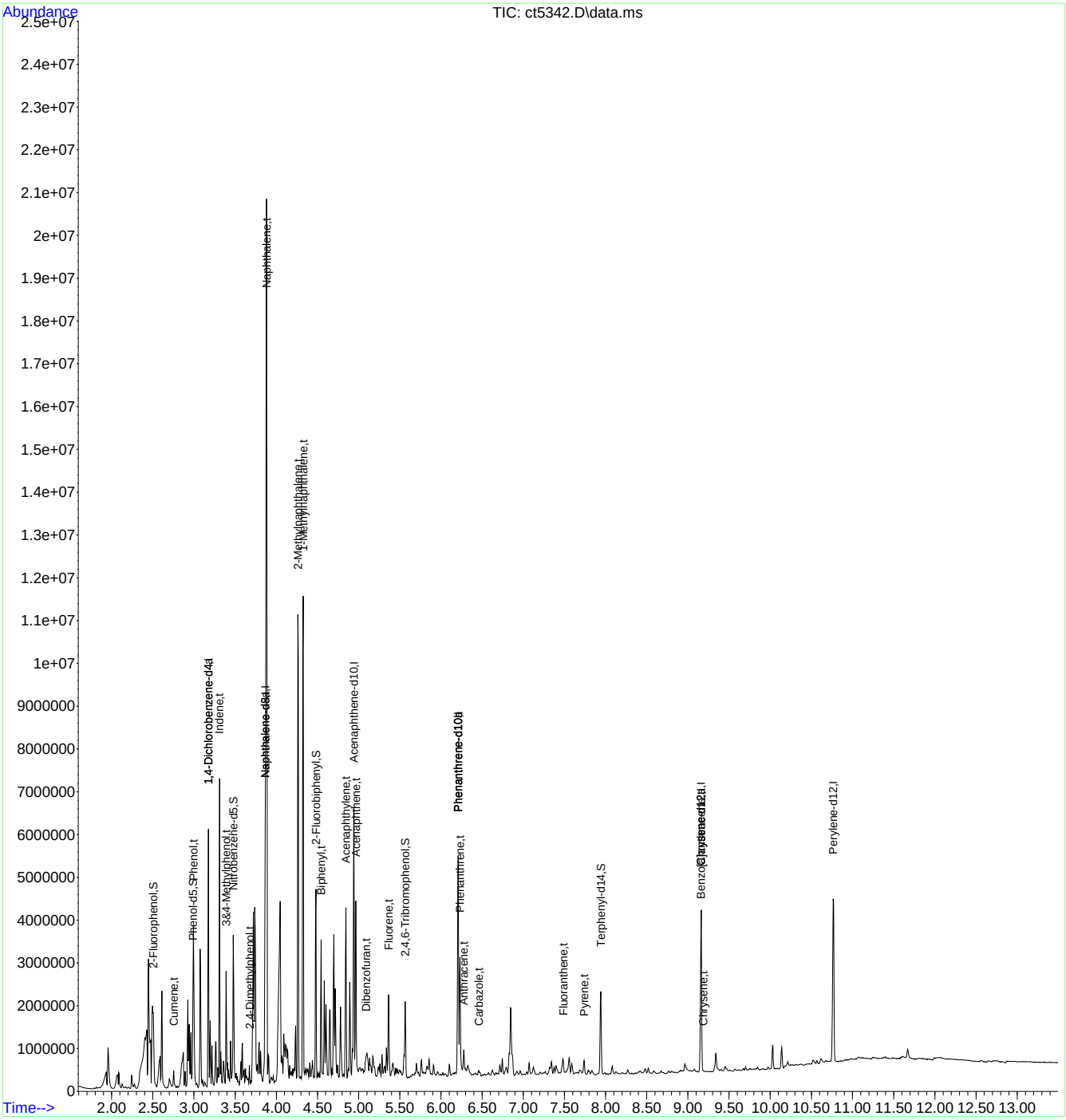
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.176	152	573685	40.00	ppm	0.00
24) Naphthalene-d8	3.866	136	1885703	40.00	ppm	0.00
46) Acenaphthene-d10	4.941	164	1031437	40.00	ppm	0.00
69) Phenanthrene-d10	6.209	188	1823495	40.00	ppm	0.00
84) Chrysene-d12	9.161	240	1358128	40.00	ppm	0.00
93) Perylene-d12	10.766	264	1482427	40.00	ppm	0.01
103) 1,4-Dichlorobenzene-d4a	3.176	152	573685	40.00	ppm	0.00
105) Phenanthrene-d10a	6.209	188	1823495	40.00	ppm	0.00
107) Naphthalene-d8a	3.866	136	1885703	40.00	ppm	0.00
109) Phenanthrene-d10b	6.209	188	1823495	40.00	ppm	0.00
112) Chrysene-d12a	9.161	240	1358128	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.507	112	282828	13.92	ppm	0.01
Spiked Amount 50.000			Recovery = 27.84%			
8) Phenol-d5	2.989	99	238122	9.73	ppm	0.01
Spiked Amount 50.000			Recovery = 19.46%			
25) Nitrobenzene-d5	3.475	82	677643	35.31	ppm	0.00
Spiked Amount 50.000			Recovery = 70.62%			
51) 2-Fluorobiphenyl	4.481	172	1016941	29.79	ppm	0.00
Spiked Amount 50.000			Recovery = 59.58%			
74) 2,4,6-Tribromophenol	5.567	330	141376	30.56	ppm	0.00
Spiked Amount 50.000			Recovery = 61.12%			
87) Terphenyl-d14	7.942	244	659155	17.56	ppm	0.00
Spiked Amount 50.000			Recovery = 35.12%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
6) Indene	3.310	116	1219168	36.7260	ppm	99
7) Cumene	2.753	105	96252	2.2741	ppm	98
9) Phenol	2.994	94	707981	27.5235	ppm	95
21) 3&4-Methylphenol	3.390	108	229962	12.6530	ppm	88
30) 2,4-Dimethylphenol	3.679	107	5778	0.3138	ppm	86
38) Naphthalene	3.882	128	7570088	152.2669	ppm	91
44) 2-Methylnaphthalene	4.262	141	2012510	69.3606	ppm	99
45) 1-Methylnaphthalene	4.326	141	1915547	64.2340	ppm	99
53) Biphenyl	4.545	154	606421	15.5144	ppm	99
56) Acenaphthylene	4.845	152	1156552	24.5572	ppm	99
59) Acenaphthene	4.968	153	820399	25.7559	ppm	99
62) Dibenzofuran	5.091	168	82732	1.9778	ppm	96
66) Fluorene	5.364	166	456744	13.8420	ppm	100
78) Phenanthrene	6.230	178	858446	17.4105	ppm	99
79) Anthracene	6.278	178	156945	3.1426	ppm	99
80) Carbazole	6.460	167	44749	0.9303	ppm	99
82) Fluoranthene	7.487	202	95830	1.8934	ppm	98
86) Pyrene	7.738	202	122047	2.2184	ppm	99
89) Benzo[a]anthracene	9.156	228	11042	0.2470	ppm	76
91) Chrysene	9.188	228	4046	0.0874	ppm	96

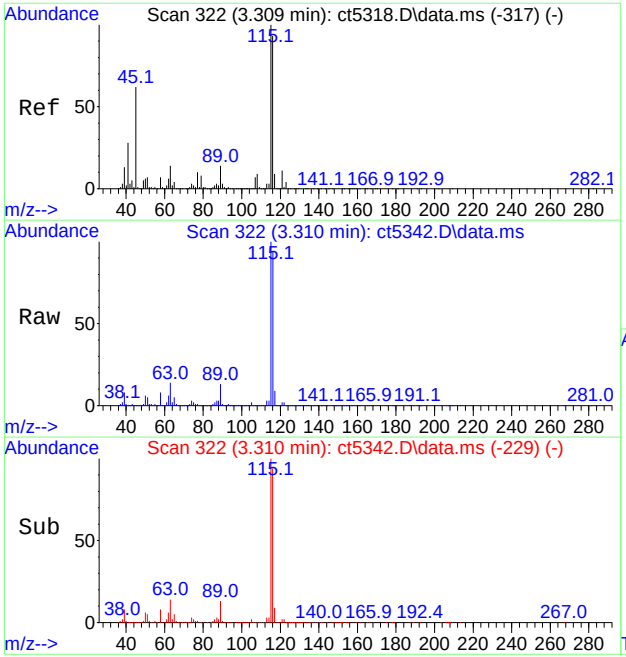
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\MSSEMI\Completed\February 2024\022124\nerirose\ect271\
Data File : ct5342.D
Acq On : 20 Feb 2024 05:26 pm
Operator : karimam
Sample : jd82517-7 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 22 08:57:49 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 09:16:30 2024
Response via : Initial Calibration

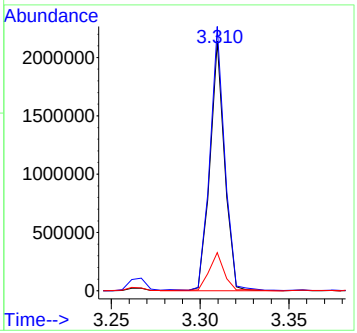


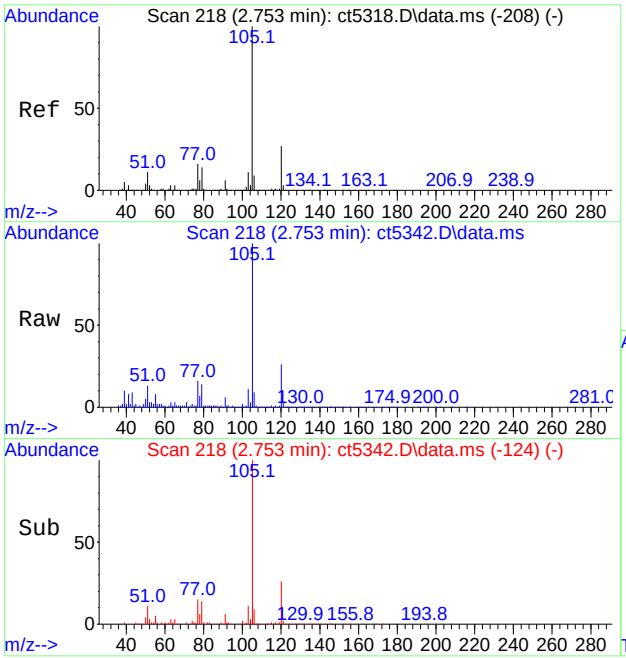


#6
Indene
Concen: 36.7260 ppm
RT: 3.310 min Scan# 322
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:116 Resp: 1219168

Ion	Ratio	Lower	Upper
116	100		
115	105.9	77.2	137.2
63	15.2	0.0	44.6

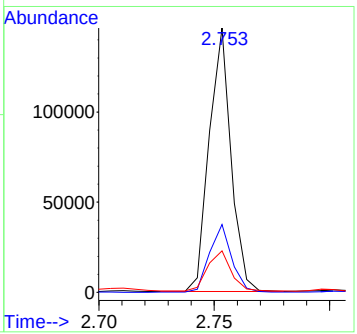


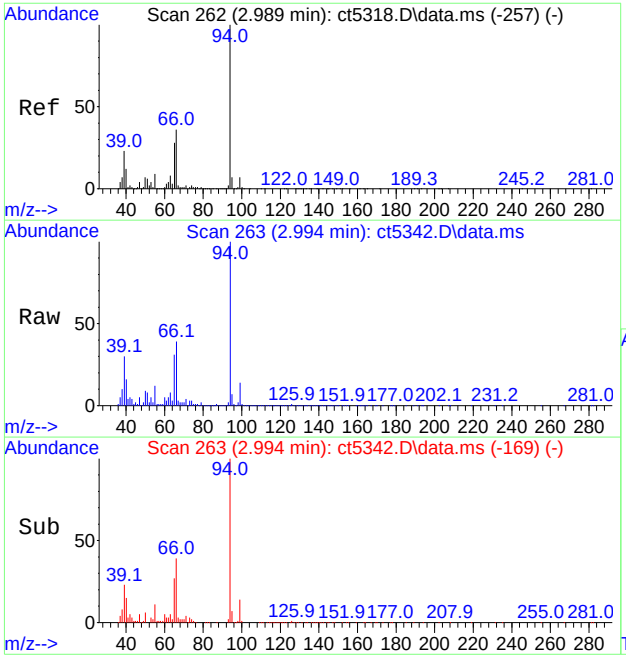


#7
Cumene
Concen: 2.2741 ppm
RT: 2.753 min Scan# 218
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:105 Resp: 96252

Ion	Ratio	Lower	Upper
105	100		
120	25.7	0.0	57.0
77	15.2	0.0	45.5

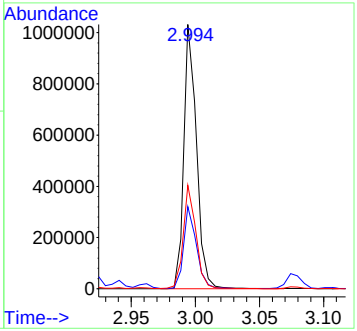


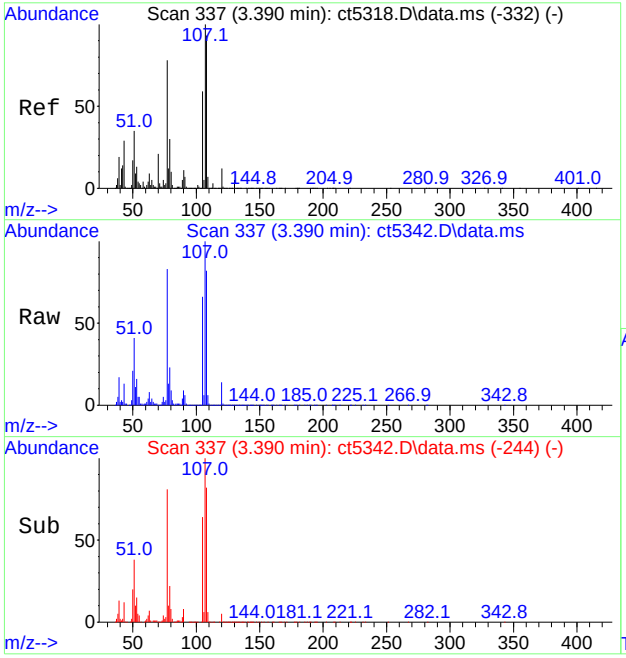


#9
Phenol
Concen: 27.5235 ppm
RT: 2.994 min Scan# 263
Delta R.T. 0.005 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion: 94 Resp: 707981

Ion	Ratio	Lower	Upper
94	100		
65	30.2	0.0	57.7
66	39.0	5.4	65.4

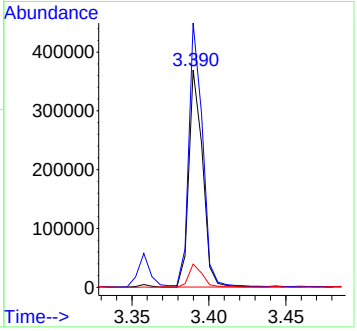


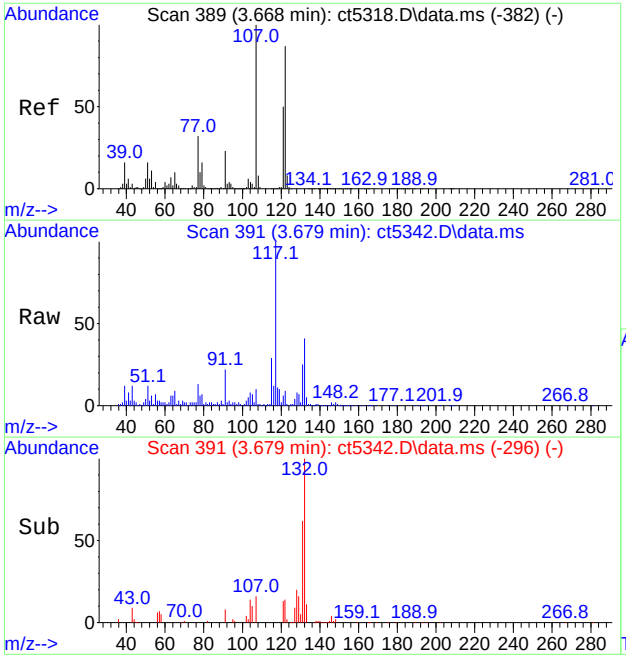


#21
3&4-Methylphenol
Concen: 12.6530 ppm
RT: 3.390 min Scan# 337
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:108 Resp: 229962

Ion	Ratio	Lower	Upper
108	100		
107	121.1	77.5	137.5
90	10.6	0.0	41.6

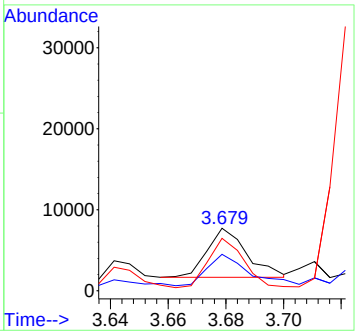


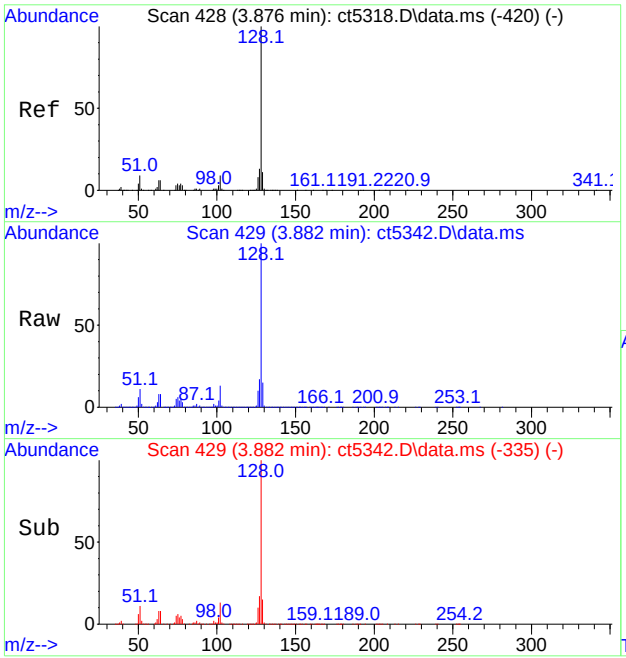


#30
2,4-Dimethylphenol
Concen: 0.3138 ppm
RT: 3.679 min Scan# 391
Delta R.T. 0.011 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:107 Resp: 5778

Ion	Ratio	Lower	Upper
107	100		
121	57.2	19.6	79.6
122	99.9	55.2	115.2

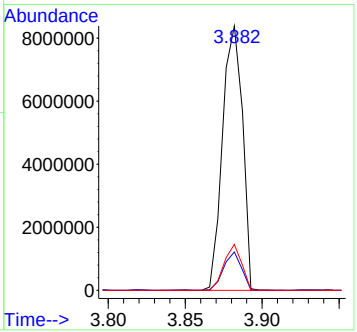


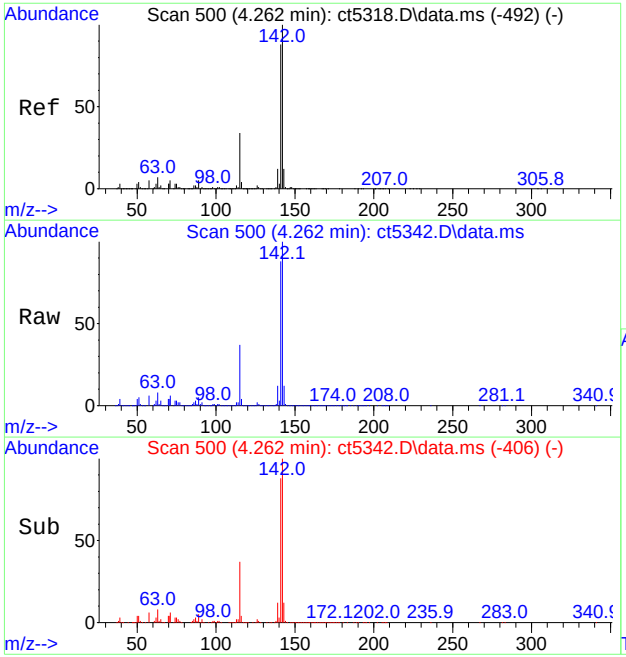


#38
Naphthalene
Concen: 152.2669 ppm
RT: 3.882 min Scan# 429
Delta R.T. 0.005 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:128 Resp: 7570088

Ion	Ratio	Lower	Upper
128	100		
129	14.5	0.0	41.3
127	17.4	0.0	43.4

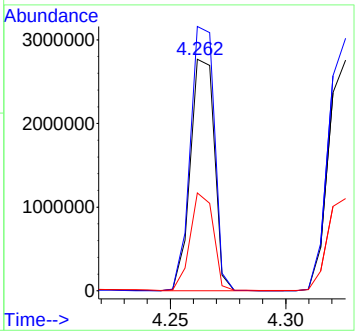


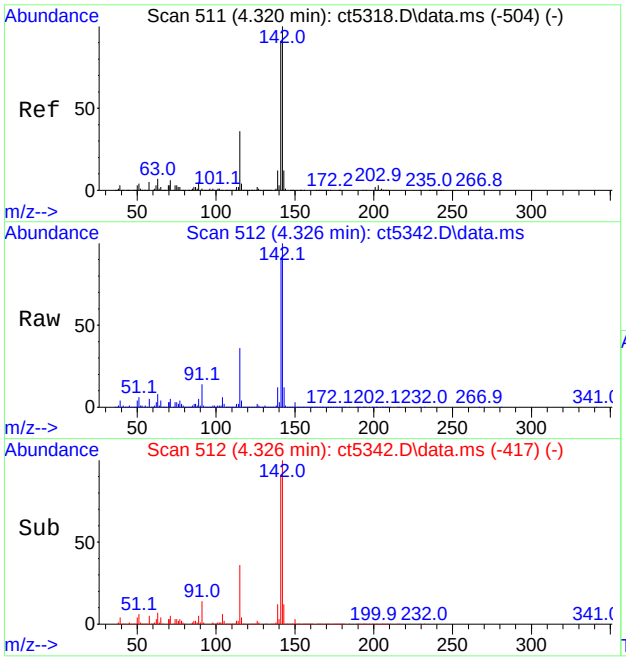


#44
2-Methylnaphthalene
Concen: 69.3606 ppm
RT: 4.262 min Scan# 500
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:141 Resp: 2012510

Ion	Ratio	Lower	Upper
141	100		
142	114.3	84.1	144.1
115	42.2	8.9	68.9

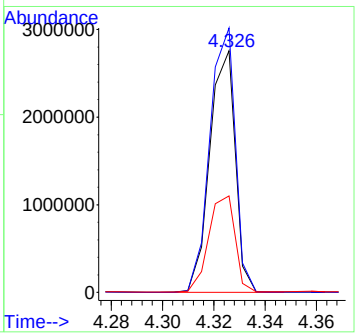


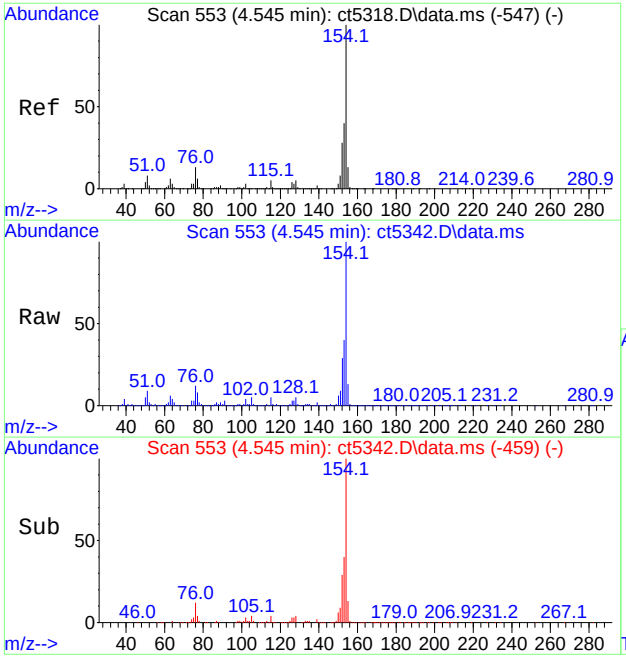


#45
1-Methylnaphthalene
Concen: 64.2340 ppm
RT: 4.326 min Scan# 512
Delta R.T. 0.005 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:141 Resp: 1915547

Ion	Ratio	Lower	Upper
141	100		
142	109.4	80.3	140.3
115	39.7	10.1	70.1

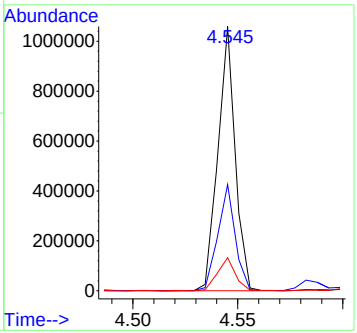


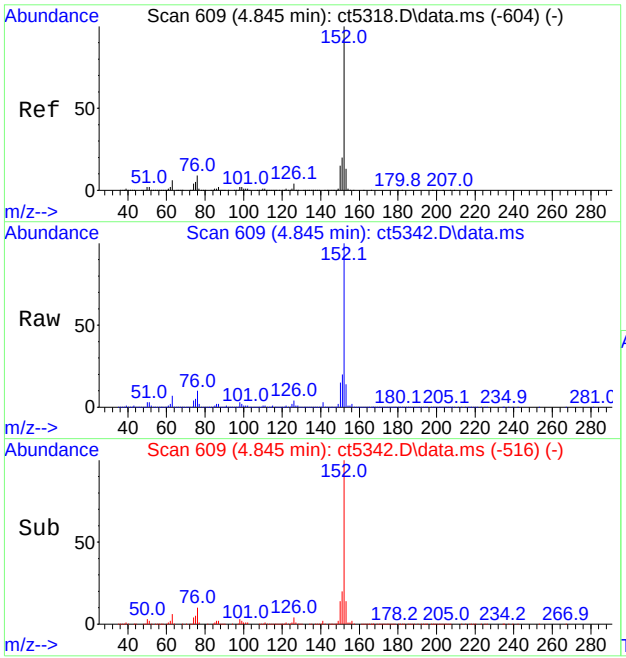


#53
Biphenyl
Concen: 15.5144 ppm
RT: 4.545 min Scan# 553
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:154 Resp: 606421

Ion	Ratio	Lower	Upper
154	100		
153	40.1	10.4	70.4
155	12.5	0.0	43.3

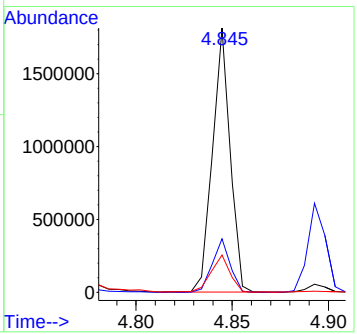


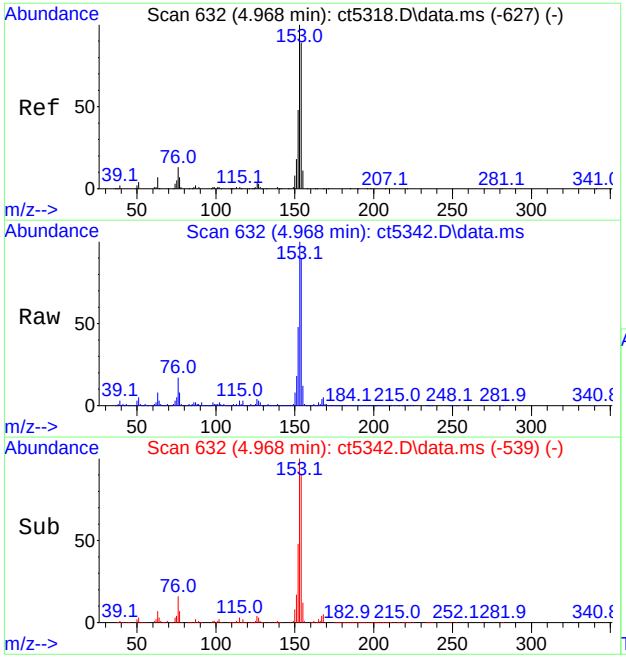


#56
Acenaphthylene
Concen: 24.5572 ppm
RT: 4.845 min Scan# 609
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:152 Resp: 1156552

Ion	Ratio	Lower	Upper
152	100		
151	20.3	0.0	50.0
153	14.0	0.0	43.3

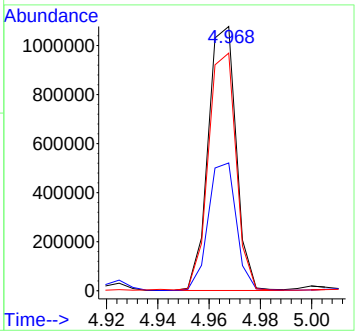


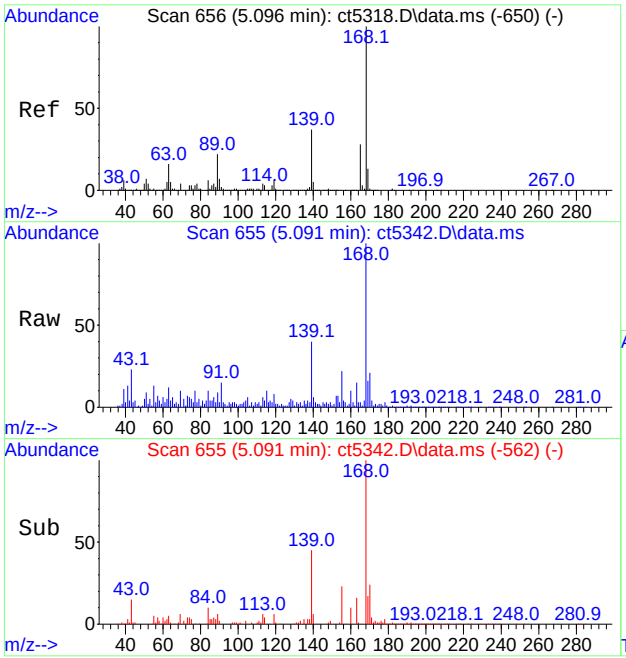


#59
Acenaphthene
Concen: 25.7559 ppm
RT: 4.968 min Scan# 632
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:153 Resp: 820399

Ion	Ratio	Lower	Upper
153	100		
152	48.3	17.9	77.9
154	89.7	59.1	119.1

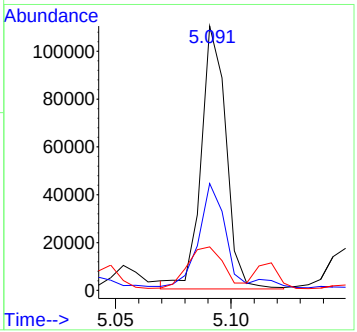


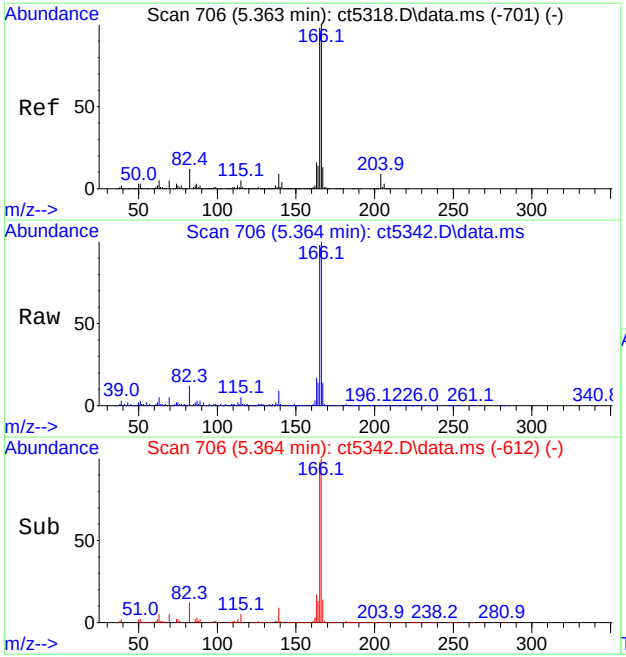


#62
Dibenzofuran
Concen: 1.9778 ppm
RT: 5.091 min Scan# 655
Delta R.T. -0.005 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:168 Resp: 82732

Ion	Ratio	Lower	Upper
168	100		
139	39.7	7.1	67.1
169	14.9	0.0	43.2

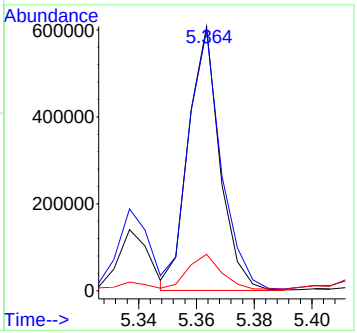


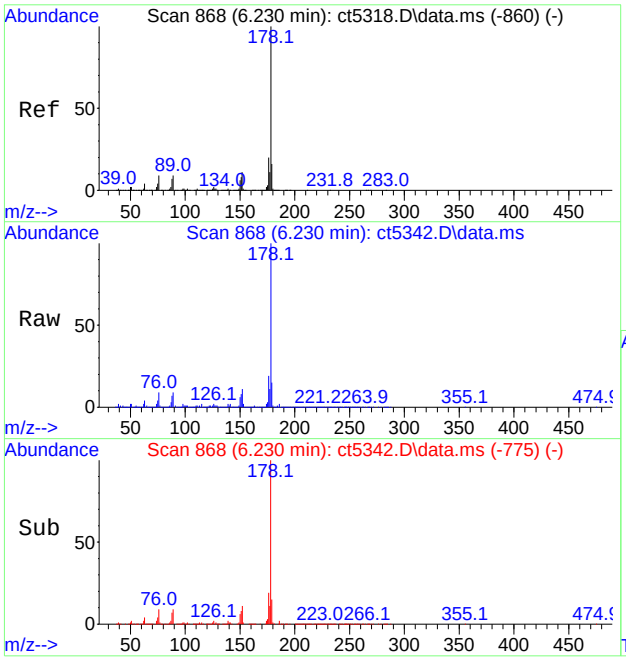


#66
Fluorene
Concen: 13.8420 ppm
RT: 5.364 min Scan# 706
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:166 Resp: 456744

Ion	Ratio	Lower	Upper
166	100		
165	97.3	67.8	127.8
167	13.3	0.0	43.4

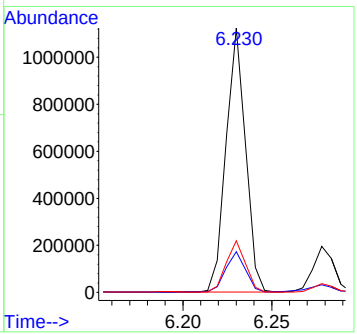


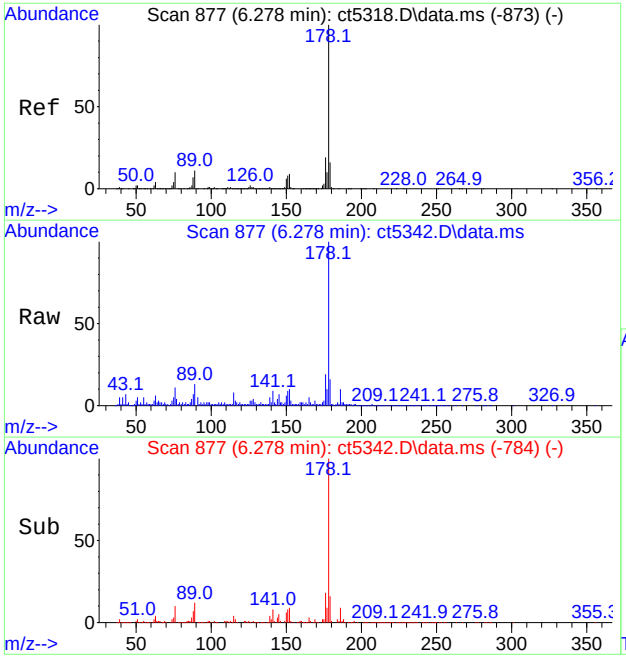


#78
Phenanthrene
Concen: 17.4105 ppm
RT: 6.230 min Scan# 868
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:178 Resp: 858446

Ion	Ratio	Lower	Upper
178	100		
179	15.2	0.0	45.6
176	19.3	0.0	49.7

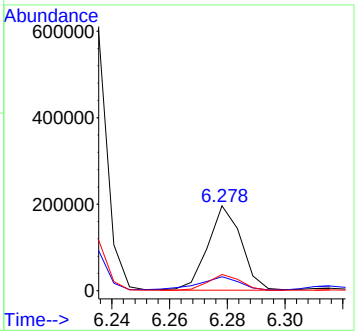


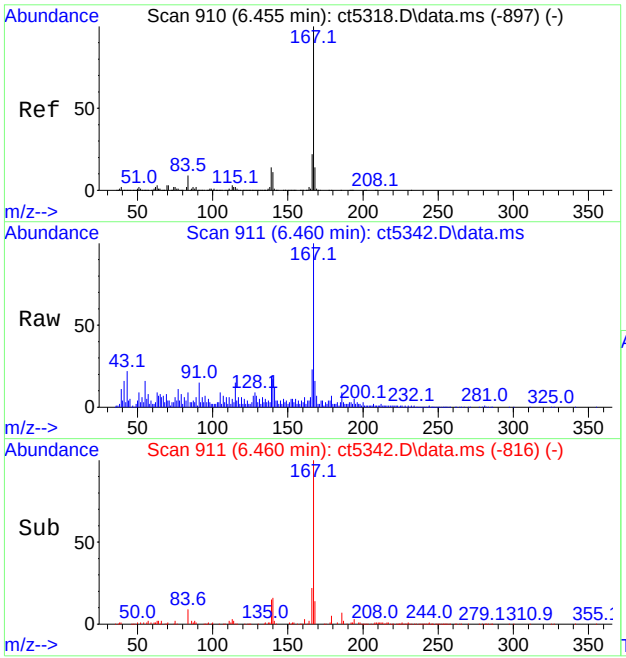


#79
Anthracene
Concen: 3.1426 ppm
RT: 6.278 min Scan# 877
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:178 Resp: 156945

Ion	Ratio	Lower	Upper
178	100		
179	15.0	0.0	45.7
176	18.7	0.0	49.0

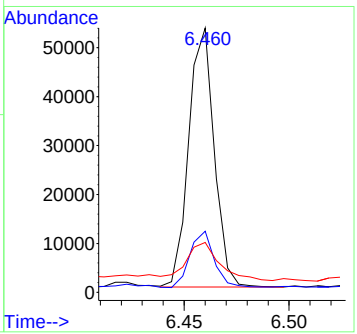


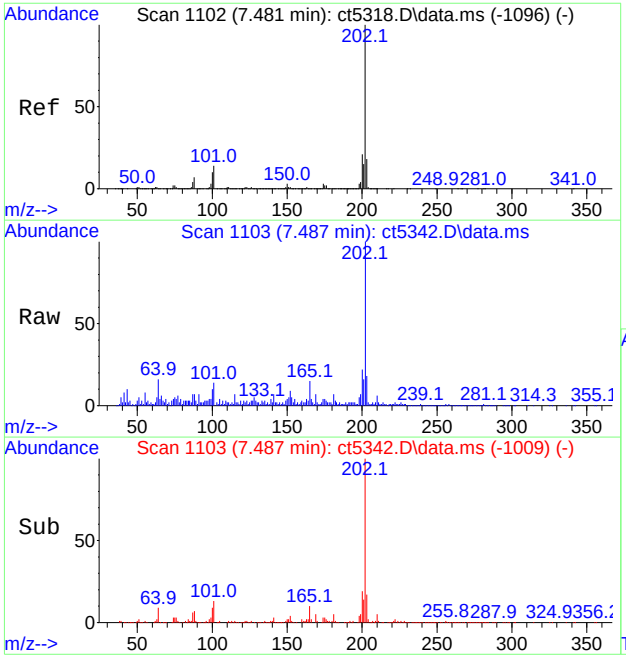


#80
Carbazole
Concen: 0.9303 ppm
RT: 6.460 min Scan# 911
Delta R.T. 0.005 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:167 Resp: 44749

Ion	Ratio	Lower	Upper
167	100		
166	21.4	0.0	51.8
139	13.6	0.0	43.6

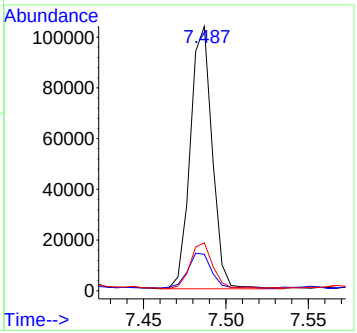


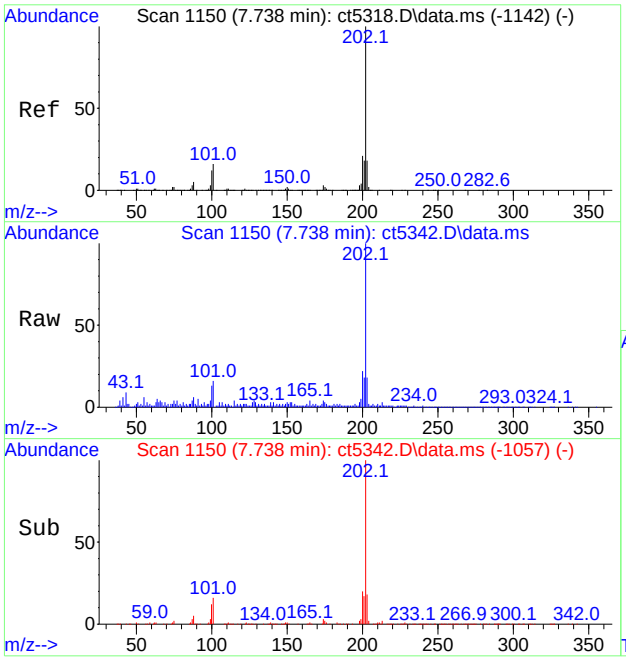


#82
Fluoranthene
Concen: 1.8934 ppm
RT: 7.487 min Scan# 1103
Delta R.T. 0.005 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:202 Resp: 95830

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	44.1
203	17.2	0.0	47.8

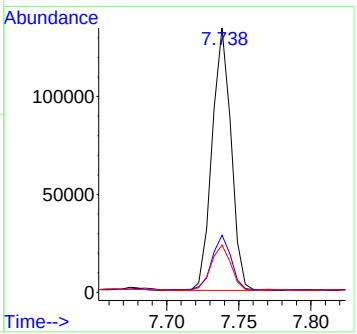


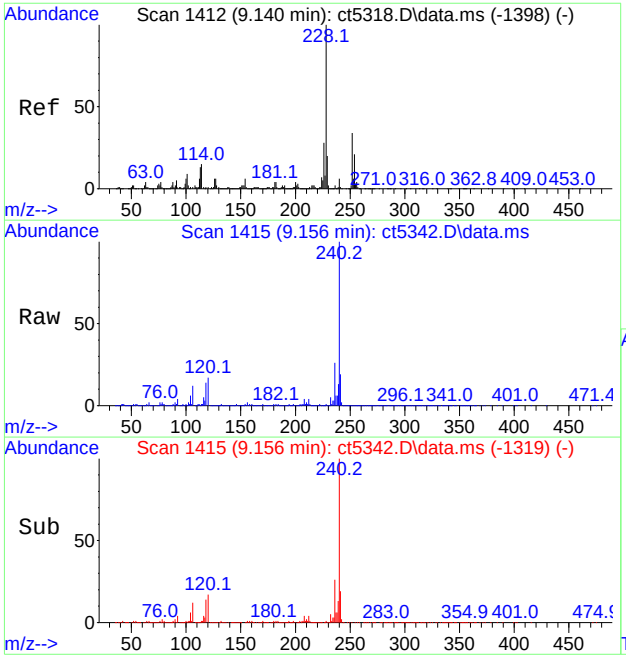


#86
Pyrene
Concen: 2.2184 ppm
RT: 7.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:202 Resp: 122047

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	51.5
203	17.0	0.0	47.5

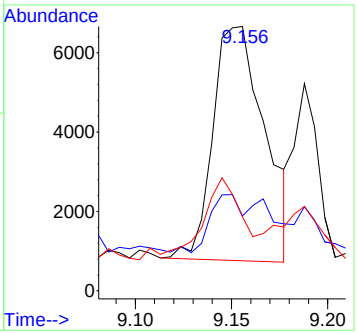


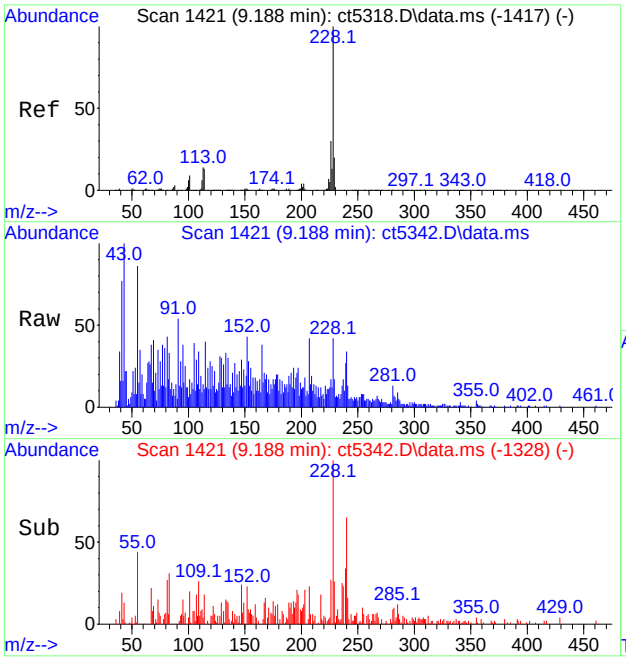


#89
Benzo[a]anthracene
Concen: 0.2470 ppm
RT: 9.156 min Scan# 1415
Delta R.T. 0.016 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:228 Resp: 11042

Ion	Ratio	Lower	Upper
228	100		
229	11.1	0.0	50.0
226	12.8	0.0	57.5

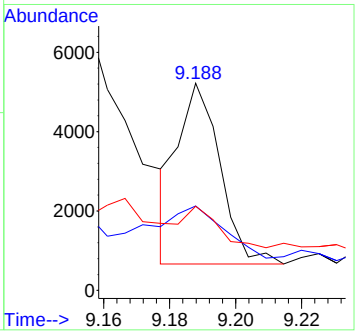




#91
Chrysene
Concen: 0.0874 ppm
RT: 9.188 min Scan# 1421
Delta R.T. 0.000 min
Lab File: ct5342.D
Acq: 20 Feb 2024 05:26 pm

Tgt Ion:228 Resp: 4046

Ion	Ratio	Lower	Upper
228	100		
226	26.8	0.2	60.2
229	20.4	0.0	50.0



Manual Integration Approval Summary

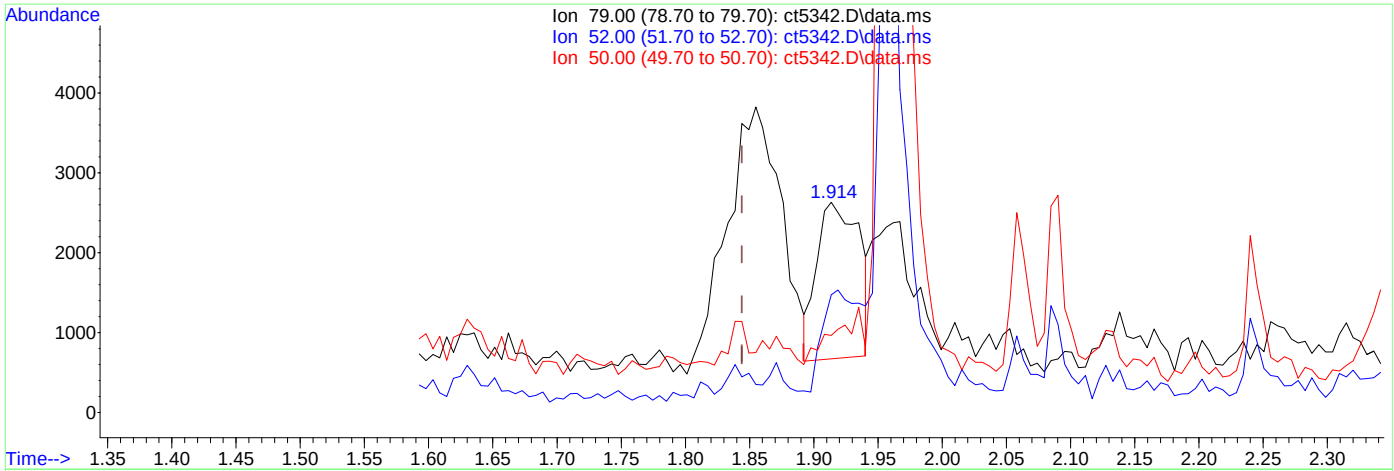
Sample Number: JD82517-7
Lab FileID: CT5342.D
Injection Time: 02/20/24 17:26
Method: SW846 8270E
Analyst approved: 02/21/24 08:03 NeriRose Cuevas
Supervisor approved: 02/22/24 04:13 Jeryll Fabriene Reyes

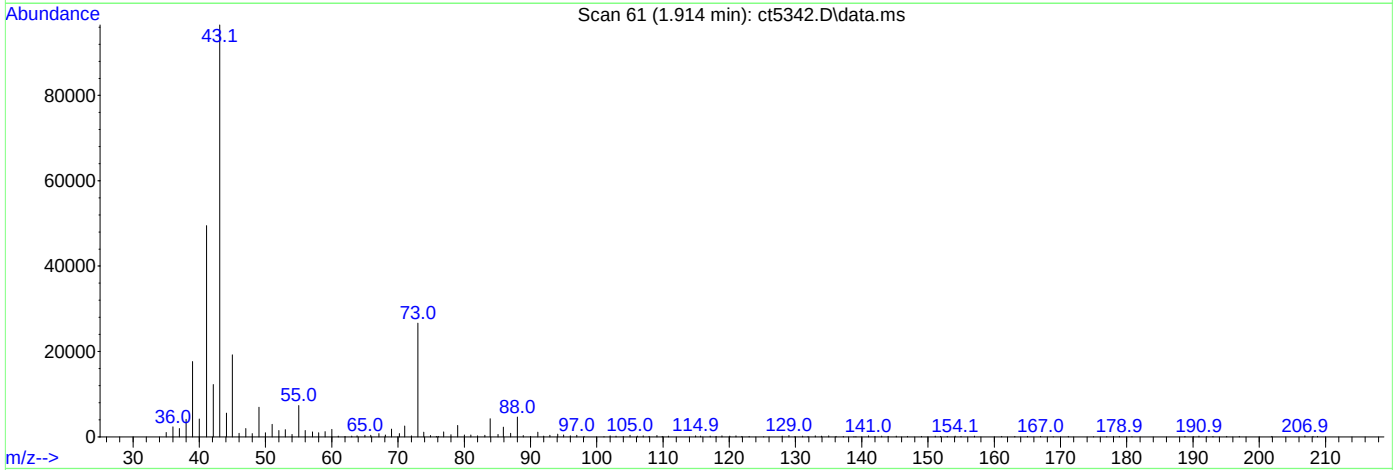
Parameter	CAS	Sig#	R.T. (min.)	Reason
Pyridine	110-86-1		1.85	Poor instrument integration

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5342.D
Acq On : 20 Feb 2024 05:26 pm
Operator : karimam
Sample : jd82517-7 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 21 09:23:33 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 09:16:30 2024
Response via : Initial Calibration





TIC: ct5342.D\data.ms

(3) Pyridine (t)

1.914min (+0.070) 0.18ppm

response 4479

Ion	Exp%	Act%
79.00	100	100
52.00	92.50	64.30
50.00	35.60	24.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5379.D
Acq On : 21 Feb 2024 04:19 pm
Operator : karimam
Sample : jd82517-7 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,5
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 22 01:48:54 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

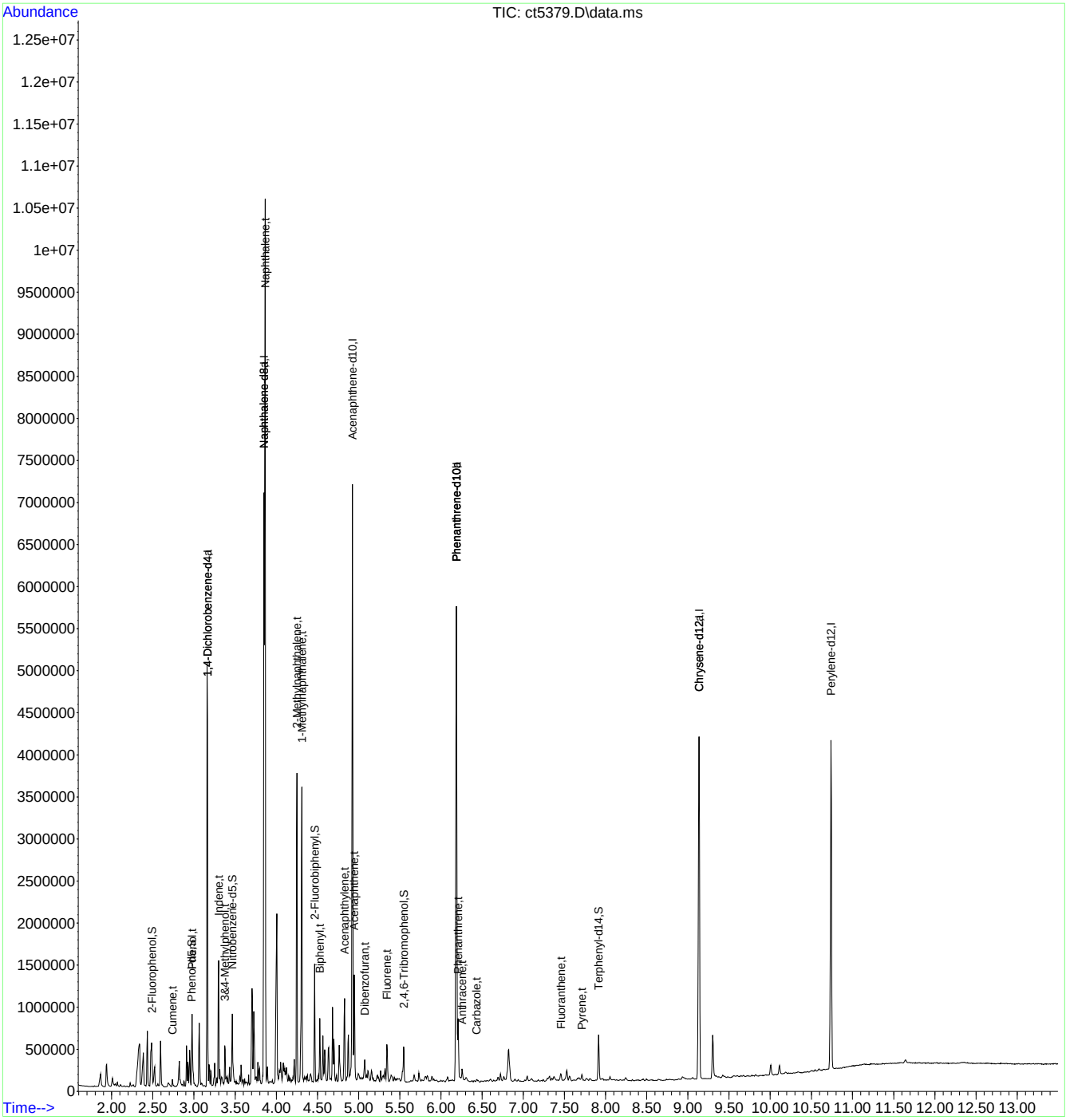
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.165	152	533888	40.00	ppm	0.00
24) Naphthalene-d8	3.850	136	2023414	40.00	ppm	0.00
46) Acenaphthene-d10	4.925	164	1114457	40.00	ppm	0.00
69) Phenanthrene-d10	6.187	188	1932613	40.00	ppm	0.00
84) Chrysene-d12	9.134	240	1395566	40.00	ppm	0.00
93) Perylene-d12	10.739	264	1465750	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.165	152	533888	40.00	ppm	0.00
105) Phenanthrene-d10a	6.187	188	1932613	40.00	ppm	0.00
107) Naphthalene-d8a	3.850	136	2023414	40.00	ppm	0.00
109) Phenanthrene-d10b	6.187	188	1932613	40.00	ppm	0.00
112) Chrysene-d12a	9.134	240	1395566	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.491	112	60357	3.19	ppm	0.00
Spiked Amount 50.000			Recovery = 6.38%			
8) Phenol-d5	2.973	99	52767	2.32	ppm	0.00
Spiked Amount 50.000			Recovery = 4.64%			
25) Nitrobenzene-d5	3.465	82	158178	7.68	ppm	0.00
Spiked Amount 50.000			Recovery = 15.36%			
51) 2-Fluorobiphenyl	4.465	172	252860	6.86	ppm	0.00
Spiked Amount 50.000			Recovery = 13.72%			
74) 2,4,6-Tribromophenol	5.551	330	30504	6.22	ppm	0.00
Spiked Amount 50.000			Recovery = 12.44%			
87) Terphenyl-d14	7.915	244	158804	4.12	ppm	0.00
Spiked Amount 50.000			Recovery = 8.24%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
6) Indene	3.299	116	287460	9.3049	ppm	98
7) Cumene	2.737	105	20740	0.5265	ppm	98
9) Phenol	2.978	94	163438	6.8274	ppm	95
21) 3&4-Methylphenol	3.374	108	52152	3.0834	ppm	85
38) Naphthalene	3.866	128	2998203	56.2023	ppm	100
44) 2-Methylnaphthalene	4.251	141	592196	19.0208	ppm	99
45) 1-Methylnaphthalene	4.310	141	554880	17.3404	ppm	99
53) Biphenyl	4.529	154	142906	3.3837	ppm	99
56) Acenaphthylene	4.829	152	284704	5.5948	ppm	99
59) Acenaphthene	4.946	153	206320	5.9948	ppm	99
62) Dibenzofuran	5.075	168	20596	0.4557	ppm	94
66) Fluorene	5.342	166	106305	2.9817	ppm	99
78) Phenanthrene	6.209	178	207182	3.9647	ppm	99
79) Anthracene	6.257	178	37538	0.7092	ppm	97
80) Carbazole	6.433	167	10426	0.2045	ppm	95
82) Fluoranthene	7.460	202	21539	0.4015	ppm	97
86) Pyrene	7.712	202	28265	0.5000	ppm	99

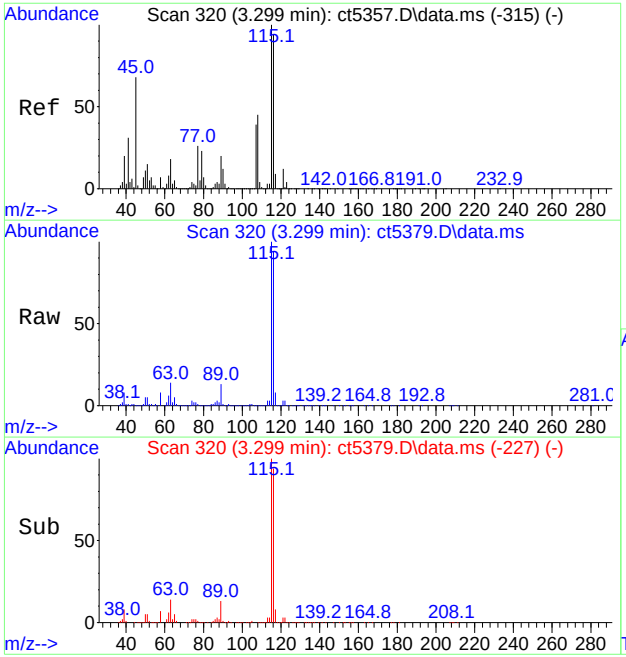
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5379.D
Acq On : 21 Feb 2024 04:19 pm
Operator : karimam
Sample : jd82517-7 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,5
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 22 01:48:54 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

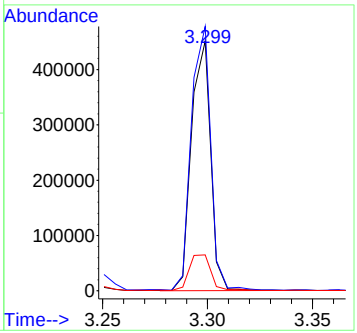


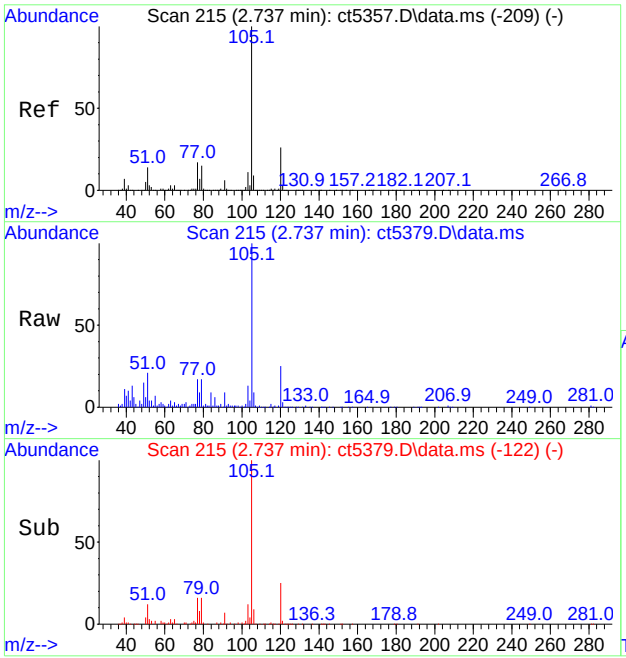


#6
Indene
Concen: 9.3049 ppm
RT: 3.299 min Scan# 320
Delta R.T. 0.000 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:116 Resp: 287460

Ion	Ratio	Lower	Upper
116	100		
115	105.7	76.2	136.2
63	14.3	0.0	49.3

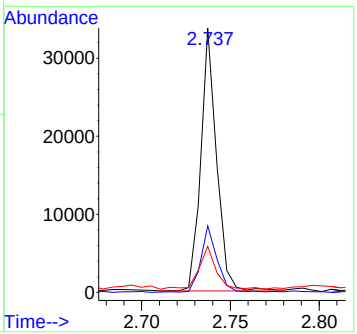


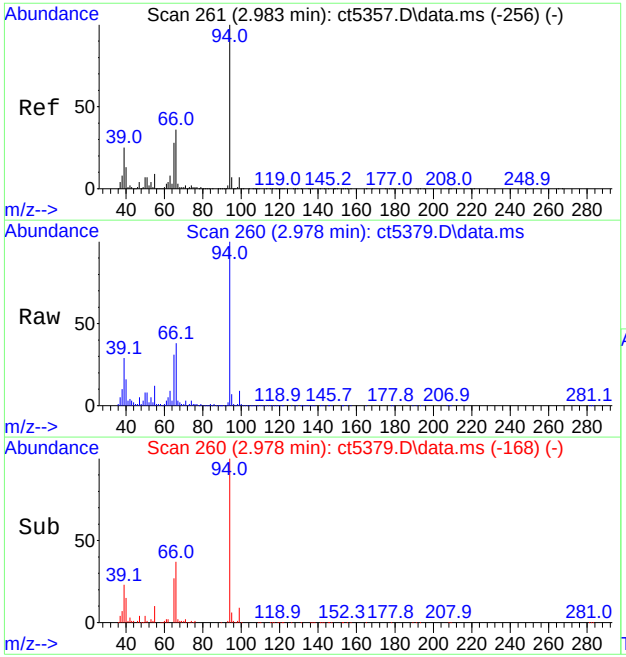


#7
Cumene
Concen: 0.5265 ppm
RT: 2.737 min Scan# 215
Delta R.T. 0.000 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:105 Resp: 20740

Ion	Ratio	Lower	Upper
105	100		
120	25.1	0.0	56.3
77	16.2	0.0	46.8

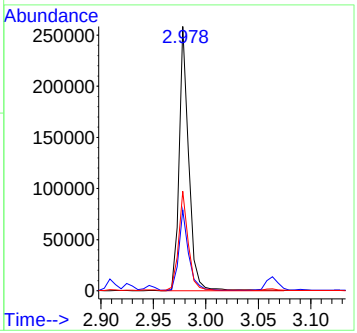


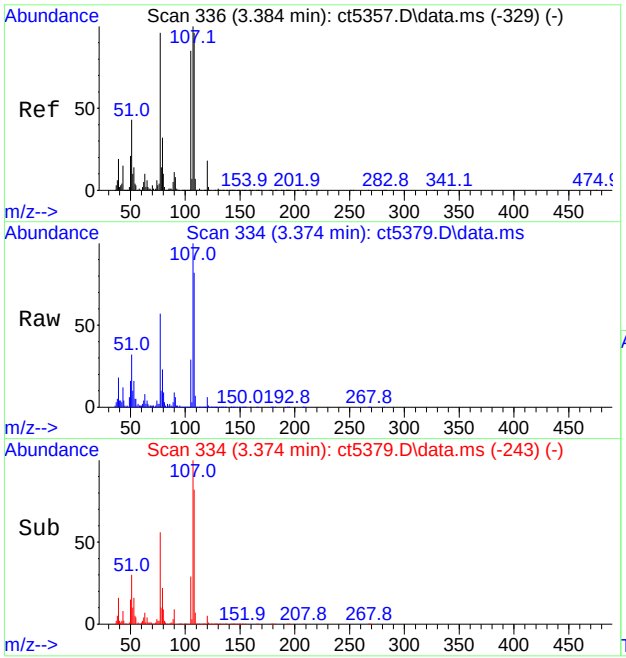


#9
Phenol
Concen: 6.8274 ppm
RT: 2.978 min Scan# 260
Delta R.T. -0.005 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion: 94 Resp: 163438

Ion	Ratio	Lower	Upper
94	100		
65	30.0	0.0	56.7
66	37.6	5.4	65.4

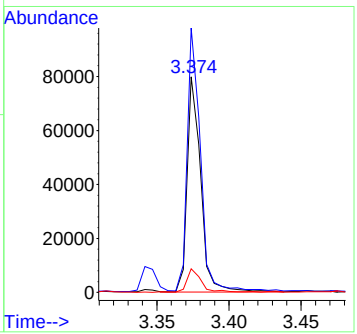


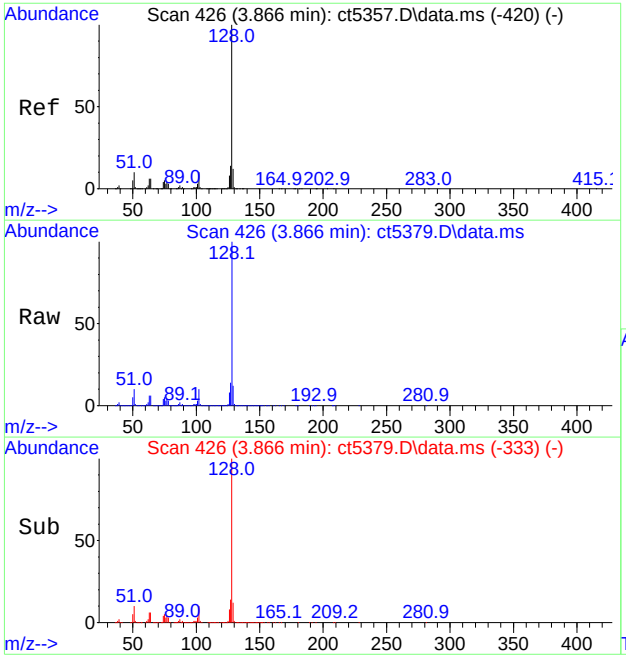


#21
3&4-Methylphenol
Concen: 3.0834 ppm
RT: 3.374 min Scan# 334
Delta R.T. -0.011 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:108 Resp: 52152

Ion	Ratio	Lower	Upper
108	100		
107	121.3	74.0	134.0
90	10.8	0.0	41.7

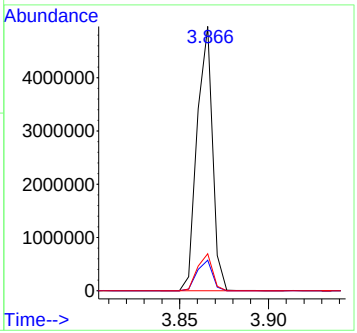


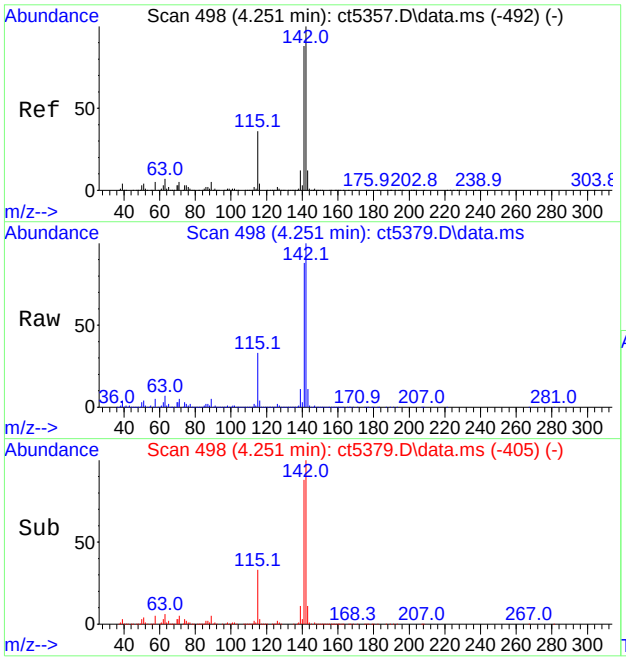


#38
Naphthalene
Concen: 56.2023 ppm
RT: 3.866 min Scan# 426
Delta R.T. 0.000 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:128 Resp: 2998203

Ion	Ratio	Lower	Upper
128	100		
129	11.6	0.0	41.6
127	14.0	0.0	43.7

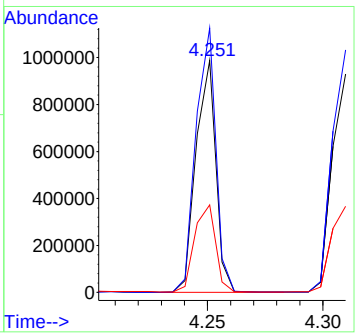


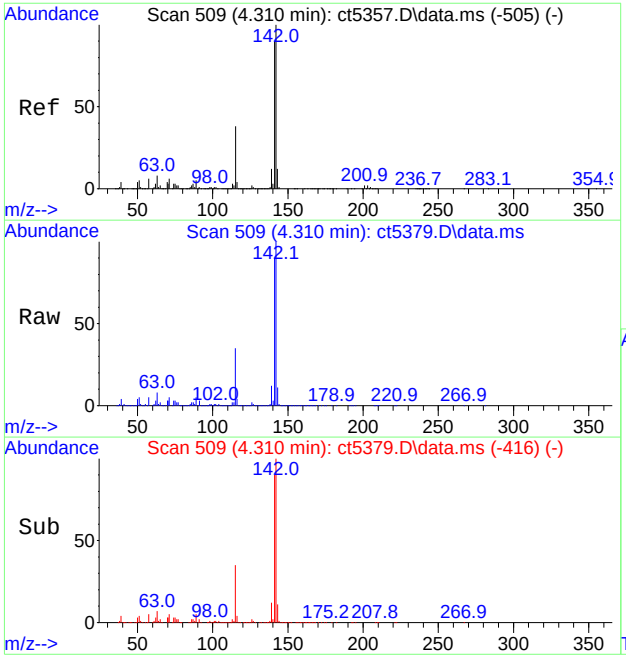


#44
2-Methylnaphthalene
Concen: 19.0208 ppm
RT: 4.251 min Scan# 498
Delta R.T. 0.000 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:141 Resp: 592196

Ion	Ratio	Lower	Upper
141	100		
142	114.1	83.9	143.9
115	37.6	10.8	70.8

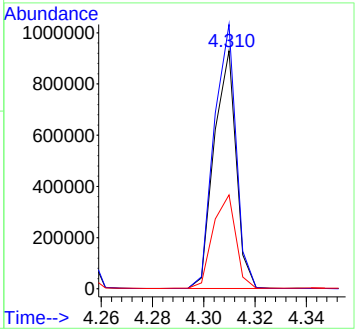


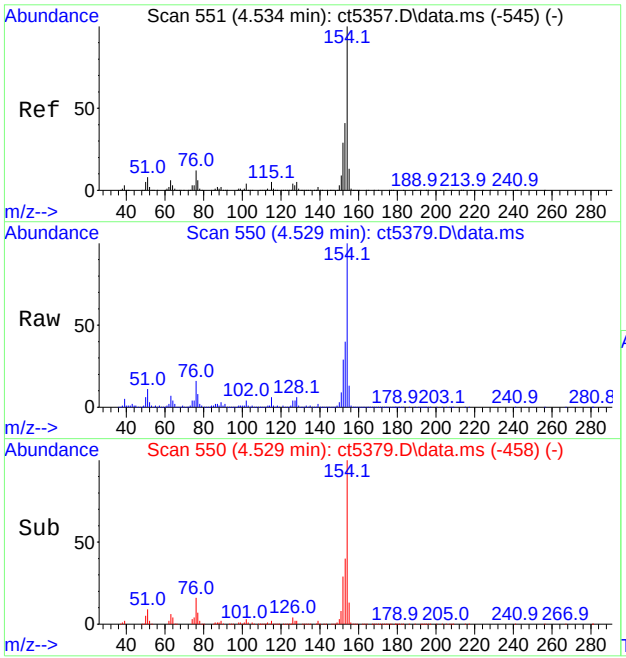


#45
1-Methylnaphthalene
Concen: 17.3404 ppm
RT: 4.310 min Scan# 509
Delta R.T. 0.000 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:141 Resp: 554880

Ion	Ratio	Lower	Upper
141	100		
142	111.1	80.7	140.7
115	39.3	11.8	71.8

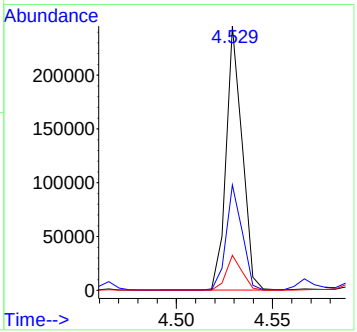


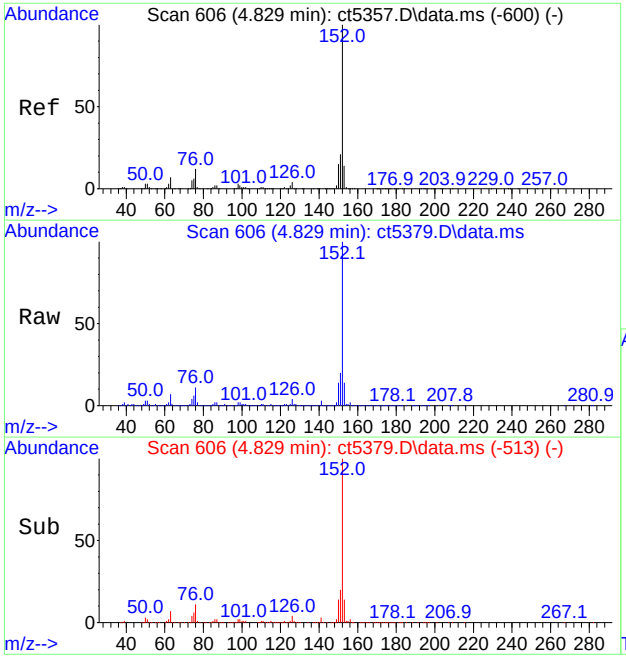


#53
Biphenyl
Concen: 3.3837 ppm
RT: 4.529 min Scan# 550
Delta R.T. -0.005 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:154 Resp: 142906

Ion	Ratio	Lower	Upper
154	100		
153	39.7	10.7	70.7
155	13.1	0.0	43.2

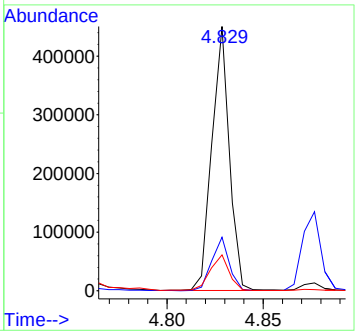


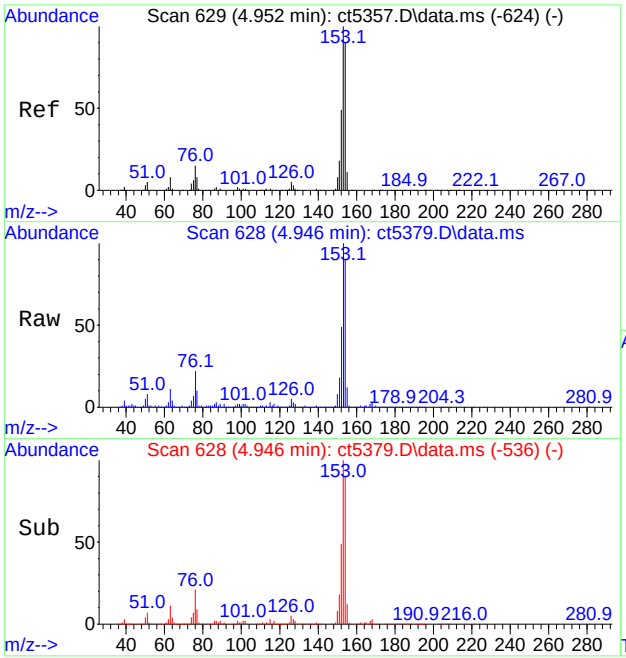


#56
Acenaphthylene
Concen: 5.5948 ppm
RT: 4.829 min Scan# 606
Delta R.T. 0.000 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:152 Resp: 284704

Ion	Ratio	Lower	Upper
152	100		
151	20.2	0.0	50.5
153	13.5	0.0	43.9

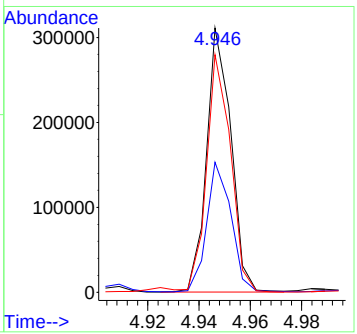


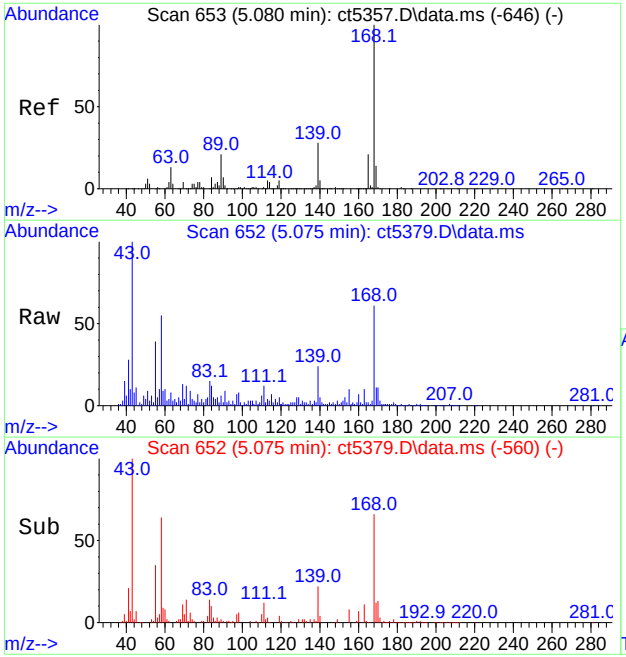


#59
Acenaphthene
Concen: 5.9948 ppm
RT: 4.946 min Scan# 628
Delta R.T. -0.005 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:153 Resp: 206320

Ion	Ratio	Lower	Upper
153	100		
152	49.1	18.5	78.5
154	89.1	60.0	120.0

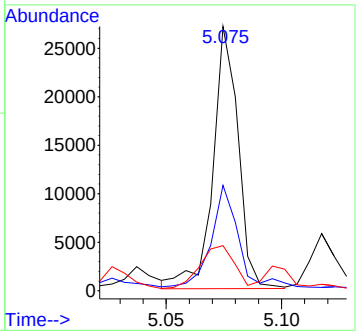


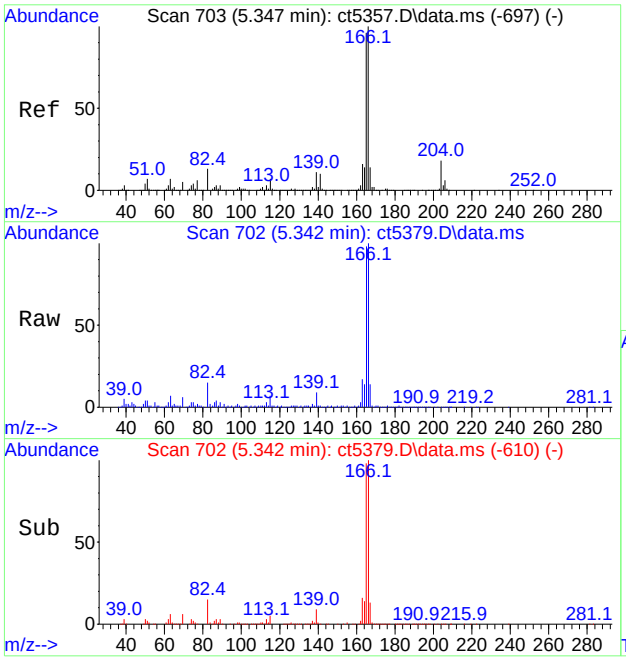


#62
Dibenzofuran
Concen: 0.4557 ppm
RT: 5.075 min Scan# 652
Delta R.T. -0.005 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:168 Resp: 20596

Ion	Ratio	Lower	Upper
168	100		
139	38.6	4.3	64.3
169	12.9	0.0	43.6

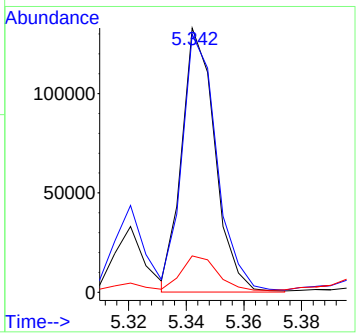


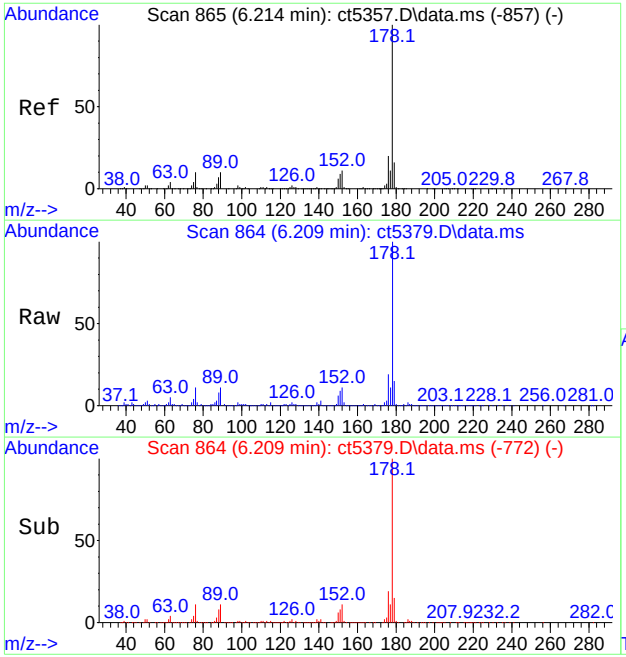


#66
Fluorene
Concen: 2.9817 ppm
RT: 5.342 min Scan# 702
Delta R.T. -0.005 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:166 Resp: 106305

Ion	Ratio	Lower	Upper
166	100		
165	97.0	66.0	126.0
167	13.1	0.0	43.6

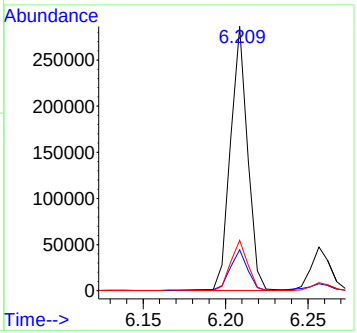


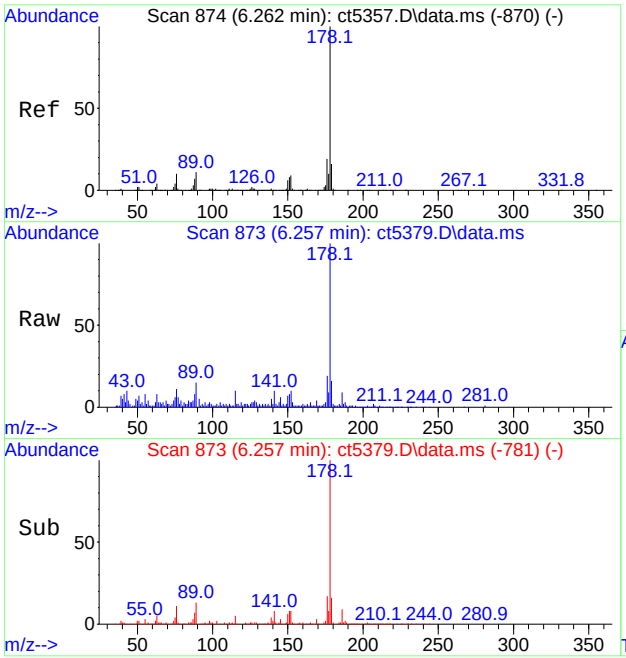


#78
Phenanthrene
Concen: 3.9647 ppm
RT: 6.209 min Scan# 864
Delta R.T. -0.005 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:178 Resp: 207182

Ion	Ratio	Lower	Upper
178	100		
179	15.2	0.0	45.6
176	19.0	0.0	49.7

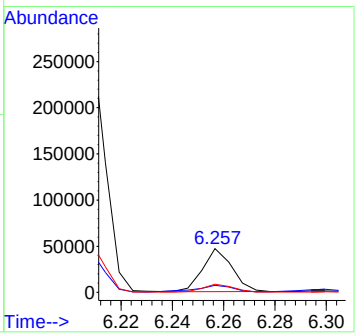


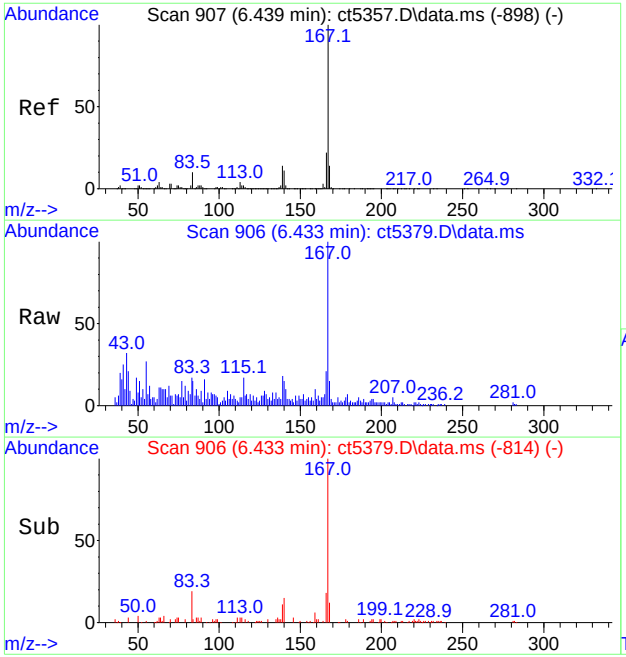


#79
Anthracene
Concen: 0.7092 ppm
RT: 6.257 min Scan# 873
Delta R.T. -0.005 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:178 Resp: 37538

Ion	Ratio	Lower	Upper
178	100		
179	14.0	0.0	45.7
176	18.4	0.0	49.2

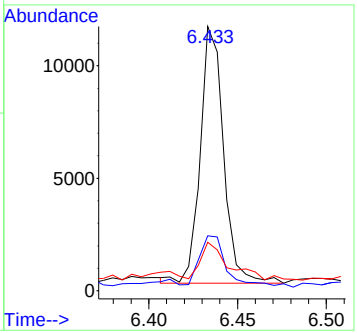


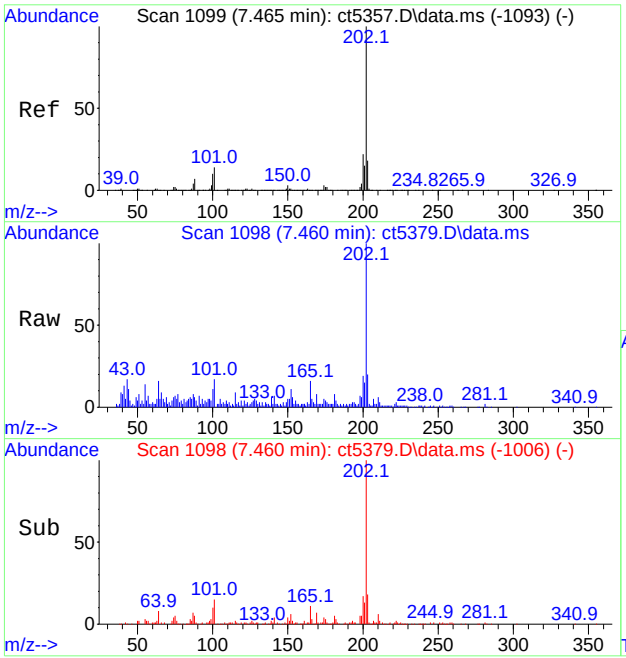


#80
Carbazole
Concen: 0.2045 ppm
RT: 6.433 min Scan# 906
Delta R.T. -0.005 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:167 Resp: 10426

Ion	Ratio	Lower	Upper
167	100		
166	18.5	0.0	51.8
139	13.2	0.0	44.2

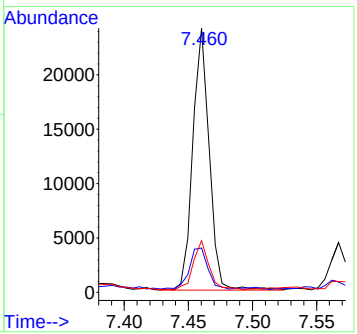


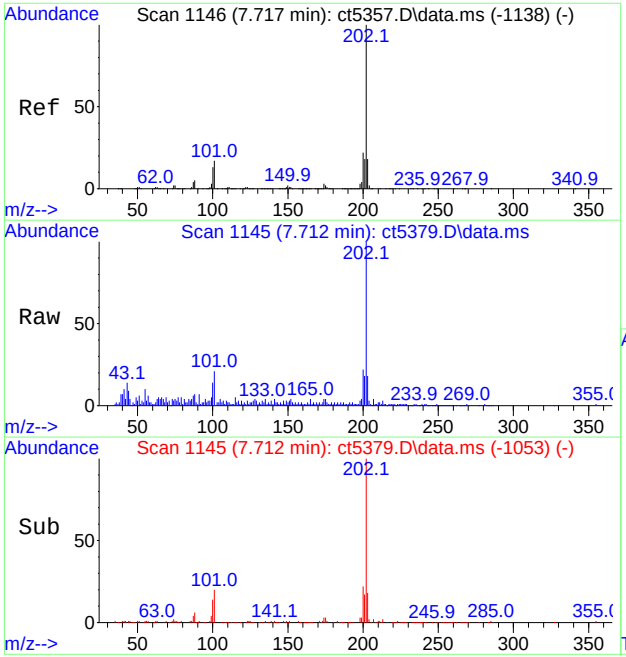


#82
Fluoranthene
Concen: 0.4015 ppm
RT: 7.460 min Scan# 1098
Delta R.T. -0.005 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:202 Resp: 21539

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	43.6
203	18.2	0.0	47.7

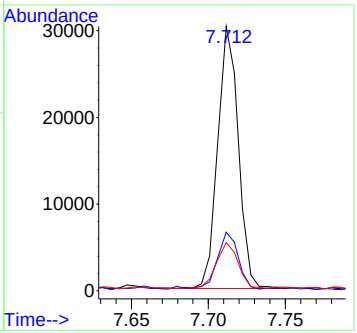




#86
Pyrene
Concen: 0.5000 ppm
RT: 7.712 min Scan# 1145
Delta R.T. -0.005 min
Lab File: ct5379.D
Acq: 21 Feb 2024 04:19 pm

Tgt Ion:202 Resp: 28265

Ion	Ratio	Lower	Upper
202	100		
200	21.5	0.0	51.8
203	17.1	0.0	48.0



7.1.11

7

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5343.D
Acq On : 20 Feb 2024 05:44 pm
Operator : karimam
Sample : jd82517-8 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 21 11:50:20 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 09:16:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.176	152	568257	40.00	ppm	0.00
24) Naphthalene-d8	3.860	136	1940713	40.00	ppm	0.00
46) Acenaphthene-d10	4.941	164	1030212	40.00	ppm	0.00
69) Phenanthrene-d10	6.208	188	1789637	40.00	ppm	0.00
84) Chrysene-d12	9.156	240	1360766	40.00	ppm	0.00
93) Perylene-d12	10.766	264	1373425	40.00	ppm	0.01
103) 1,4-Dichlorobenzene-d4a	3.176	152	568257	40.00	ppm	0.00
105) Phenanthrene-d10a	6.208	188	1789637	40.00	ppm	0.00
107) Naphthalene-d8a	3.860	136	1940713	40.00	ppm	0.00
109) Phenanthrene-d10b	6.208	188	1789637	40.00	ppm	0.00
112) Chrysene-d12a	9.156	240	1360766	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.507	112	267038	13.27	ppm	0.01
Spiked Amount 50.000			Recovery =	26.54%		
8) Phenol-d5	2.989	99	220495	9.10	ppm	0.01
Spiked Amount 50.000			Recovery =	18.20%		
25) Nitrobenzene-d5	3.475	82	646618	32.73	ppm	0.00
Spiked Amount 50.000			Recovery =	65.46%		
51) 2-Fluorobiphenyl	4.481	172	980336	28.75	ppm	0.00
Spiked Amount 50.000			Recovery =	57.50%		
74) 2,4,6-Tribromophenol	5.567	330	135957	29.94	ppm	0.00
Spiked Amount 50.000			Recovery =	59.88%		
87) Terphenyl-d14	7.941	244	819779	21.80	ppm	0.00
Spiked Amount 50.000			Recovery =	43.60%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		

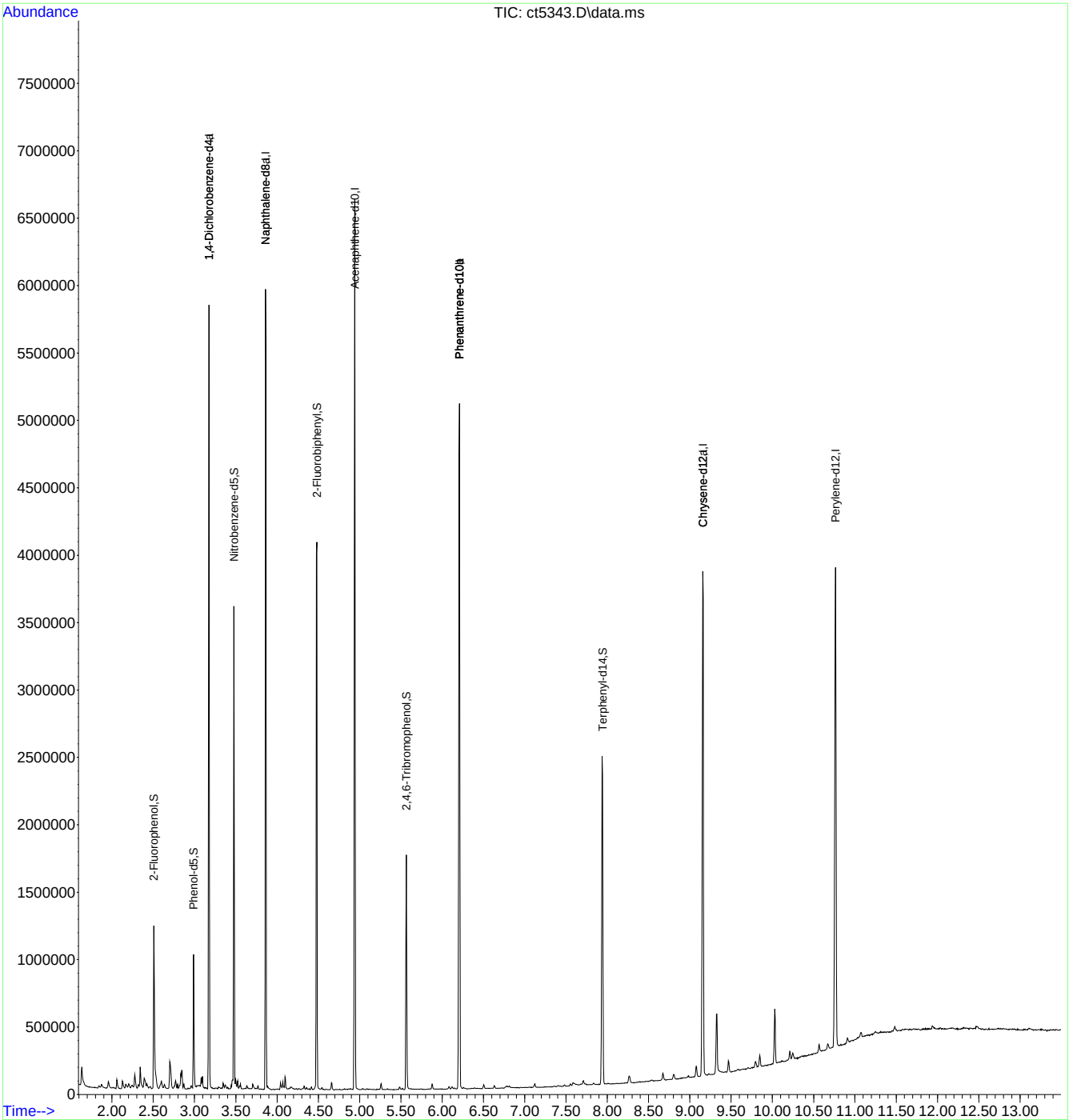
Target Compounds	Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5343.D
Acq On : 20 Feb 2024 05:44 pm
Operator : karimam
Sample : jd82517-8 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 21 11:50:20 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 09:16:30 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5344a.D
Acq On : 20 Feb 2024 06:02 pm
Operator : karimam
Sample : jd82517-9 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 21 12:44:13 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 09:16:30 2024
Response via : Initial Calibration

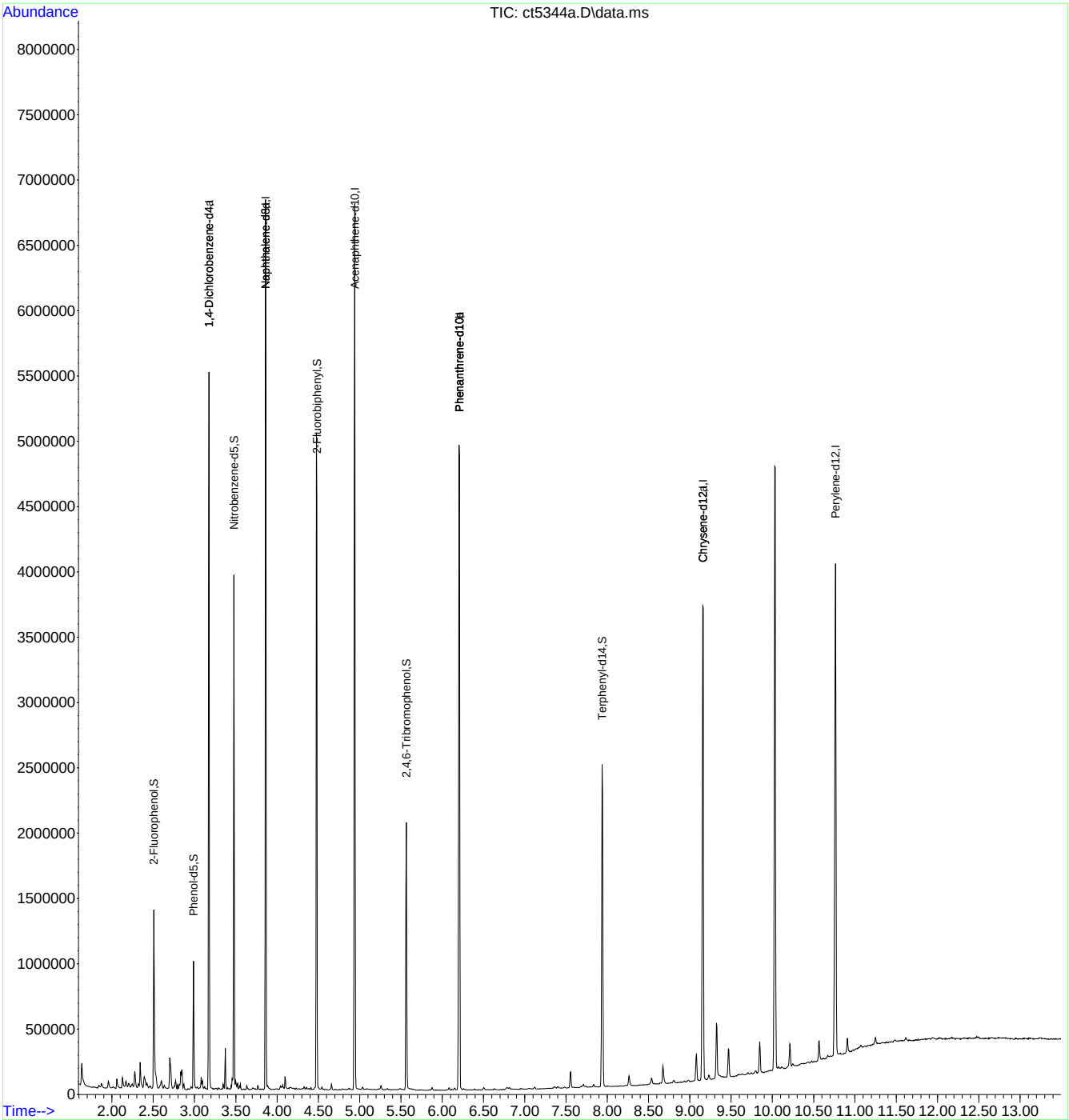
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.176	152	559980	40.00	ppm	0.00
24) Naphthalene-d8	3.860	136	2042337	40.00	ppm	0.00
46) Acenaphthene-d10	4.941	164	1107847	40.00	ppm	0.00
69) Phenanthrene-d10	6.209	188	1800281	40.00	ppm	0.00
84) Chrysene-d12	9.161	240	1347760	40.00	ppm	0.00
93) Perylene-d12	10.766	264	1385097	40.00	ppm	0.01
103) 1,4-Dichlorobenzene-d4a	3.176	152	559980	40.00	ppm	0.00
105) Phenanthrene-d10a	6.209	188	1800281	40.00	ppm	0.00
107) Naphthalene-d8a	3.860	136	2042337	40.00	ppm	0.00
109) Phenanthrene-d10b	6.209	188	1800281	40.00	ppm	0.00
112) Chrysene-d12a	9.161	240	1347760	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.507	112	290138	14.63	ppm	0.01
Spiked Amount 50.000			Recovery = 29.26%			
8) Phenol-d5	2.989	99	226825	9.50	ppm	0.01
Spiked Amount 50.000			Recovery = 19.00%			
25) Nitrobenzene-d5	3.475	82	712148	34.26	ppm	0.00
Spiked Amount 50.000			Recovery = 68.52%			
51) 2-Fluorobiphenyl	4.481	172	1175409	32.06	ppm	0.00
Spiked Amount 50.000			Recovery = 64.12%			
74) 2,4,6-Tribromophenol	5.567	330	158770	34.76	ppm	0.00
Spiked Amount 50.000			Recovery = 69.52%			
87) Terphenyl-d14	7.936	244	806374	21.65	ppm	0.00
Spiked Amount 50.000			Recovery = 43.30%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5344a.D
Acq On : 20 Feb 2024 06:02 pm
Operator : karimam
Sample : jd82517-9 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 21 12:44:13 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 09:16:30 2024
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Jeryll Fabriene Reyes 02/22/24 04:14

Quantitation Report (QT Reviewed)

Data Path : R:\MSSEMI\Completed\February 2024\022124\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 22 08:58:50 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.176	152	571451	40.00	ppm	-0.03
24) Naphthalene-d8	3.871	136	1558965	40.00	ppm	0.00
46) Acenaphthene-d10	4.941	164	1090182	40.00	ppm	0.00
69) Phenanthrene-d10	6.214	188	1850504	40.00	ppm	0.00
84) Chrysene-d12	9.166	240	1283819	40.00	ppm	0.00
93) Perylene-d12	10.782	264	1338927	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.176	152	571451	40.00	ppm	0.00
105) Phenanthrene-d10a	6.214	188	1850504	40.00	ppm	0.00
107) Naphthalene-d8a	3.871	136	1582078m	40.00	ppm	0.00
109) Phenanthrene-d10b	6.214	188	1849091m	40.00	ppm	0.00
112) Chrysene-d12a	9.166	240	1287107m	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.513	112	184061	9.10	ppm	-0.01
Spiked Amount 50.000			Recovery =	18.20%		
8) Phenol-d5	2.994	99	150288	6.17	ppm	-0.01
Spiked Amount 50.000			Recovery =	12.34%		
25) Nitrobenzene-d5	3.481	82	756550	47.68	ppm	0.00
Spiked Amount 50.000			Recovery =	95.36%		
51) 2-Fluorobiphenyl	4.481	172	1091576	30.25	ppm	0.00
Spiked Amount 50.000			Recovery =	60.50%		
74) 2,4,6-Tribromophenol	5.577	330	90921	19.36	ppm	0.00
Spiked Amount 50.000			Recovery =	38.72%		
87) Terphenyl-d14	7.947	244	704867	19.86	ppm	0.00
Spiked Amount 50.000			Recovery =	39.72%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
6) Indene	3.315	116	4240512	128.2399	ppm	99
7) Cumene	2.753	105	198095	4.6985	ppm	99
9) Phenol	2.999	94	2006524	78.3106	ppm	98
21) 3&4-Methylphenol	3.395	108	1413764	78.0926	ppm	87
30) 2,4-Dimethylphenol	3.684	107	64712	4.2504	ppm	88
38) Naphthalene	3.882	128	14170867	344.7768	ppm	94
44) 2-Methylnaphthalene	4.272	141	3804971	158.6218	ppm	98
45) 1-Methylnaphthalene	4.331	141	3479421	141.1289	ppm	99
53) Biphenyl	4.545	154	1132457	27.4111	ppm	99
56) Acenaphthylene	4.850	152	4563261	91.6712	ppm	97
59) Acenaphthene	4.968	153	1718645	51.0483	ppm	99
62) Dibenzofuran	5.096	168	238636	5.3974	ppm	95
66) Fluorene	5.369	166	1176140	33.7232	ppm	99
78) Phenanthrene	6.235	178	1413029	28.2400	ppm	99
79) Anthracene	6.283	178	563047	11.1098	ppm	93
80) Carbazole	6.465	167	130600	2.6754	ppm	99
82) Fluoranthene	7.514	202	500916	9.7524	ppm	99
86) Pyrene	7.749	202	697021	13.4026	ppm	98
89) Benzo[a]anthracene	9.156	228	76314	1.8058	ppm	81
91) Chrysene	9.198	228	67298	1.5387	ppm	96
95) Benzo[b]fluoranthene	10.375	252	55079m	1.3659	ppm	
96) Benzo[k]fluoranthene	10.397	252	15103m	0.3751	ppm	
97) Benzo[a]pyrene	10.712	252	54918	1.5374	ppm	98
98) Indeno[1,2,3-cd]pyrene	11.884	276	27045	0.6193	ppm	96
100) Dibenz[a,h]anthracene	11.905	278	7121	0.2049	ppm	96
102) Benzo[g,h,i]perylene	12.199	276	35327	1.0126	ppm	93

Quantitation Report (QT Reviewed)

Data Path : R:\MSSEMI\Completed\February 2024\022124\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 22 08:58:50 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration

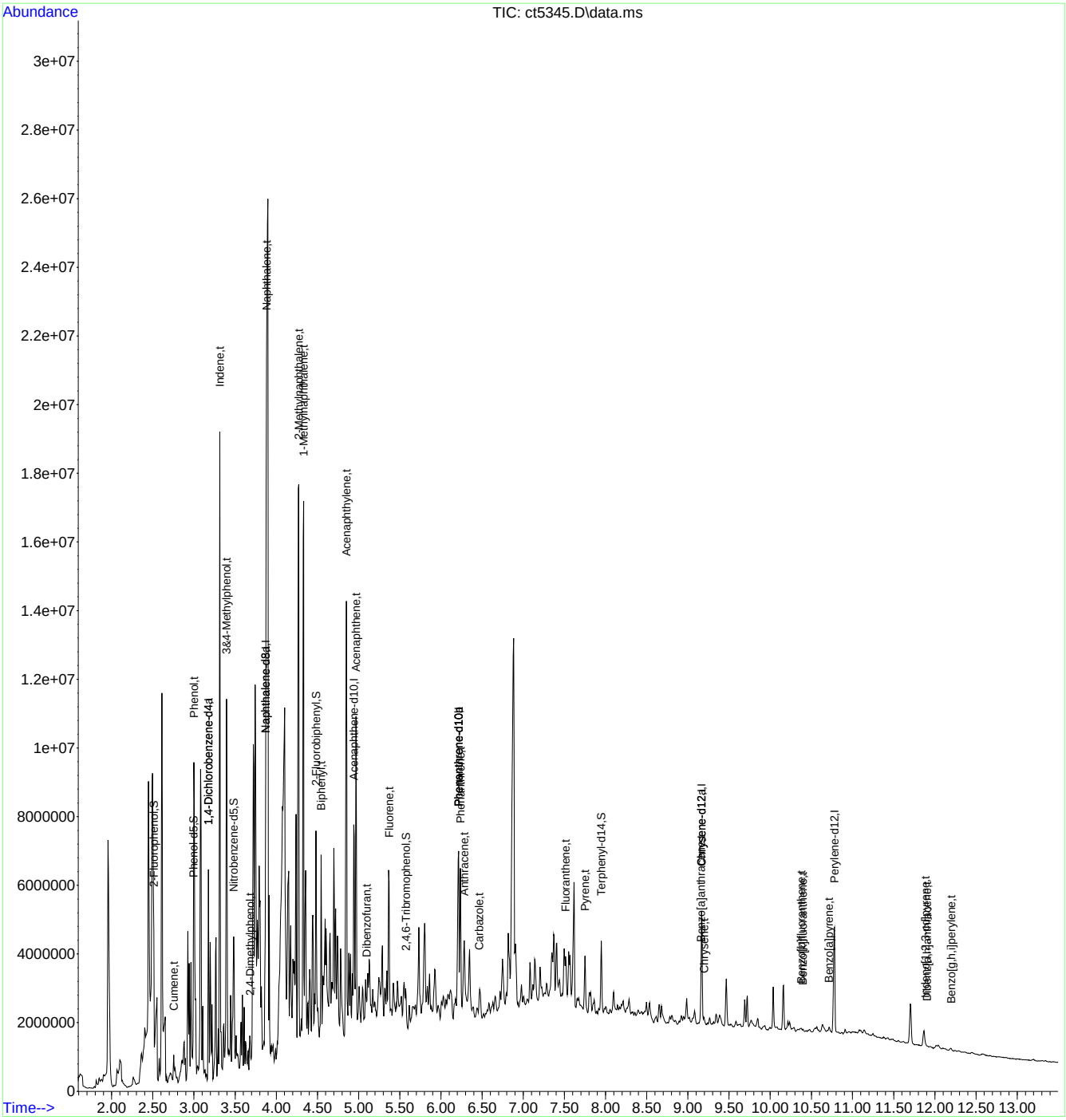
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

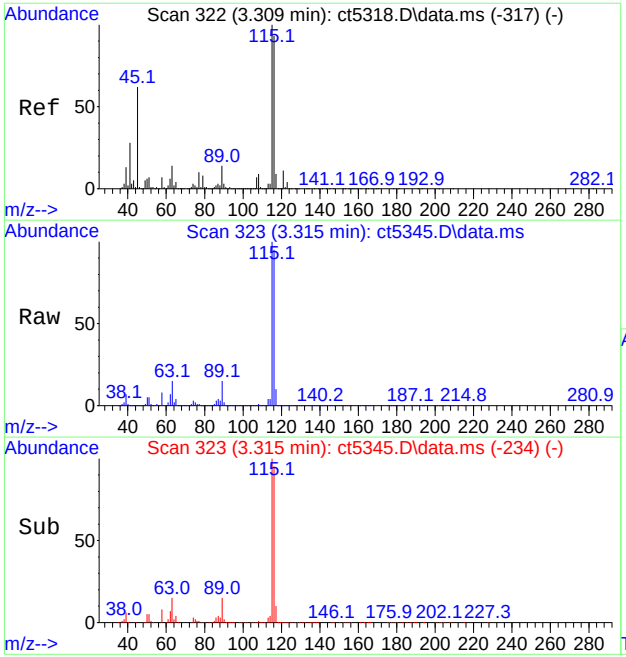
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\MSSEMI\Completed\February 2024\022124\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 22 08:58:50 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration

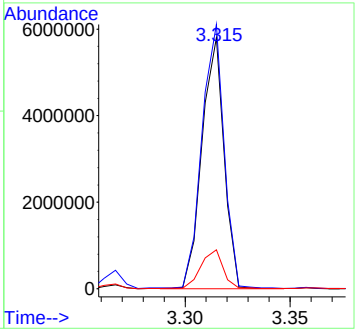


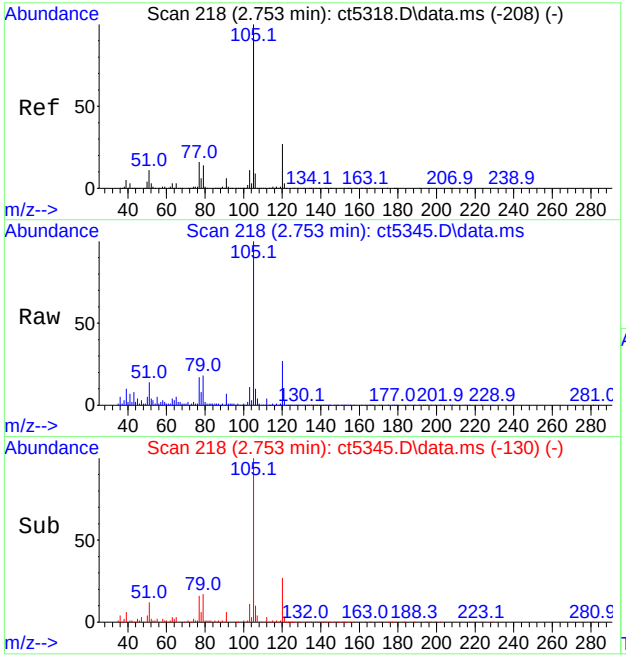


#6
Indene
Concen: 128.2399 ppm
RT: 3.315 min Scan# 323
Delta R.T. -0.026 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:116 Resp: 4240512

Ion	Ratio	Lower	Upper
116	100		
115	105.2	76.2	136.2
63	15.4	0.0	44.0

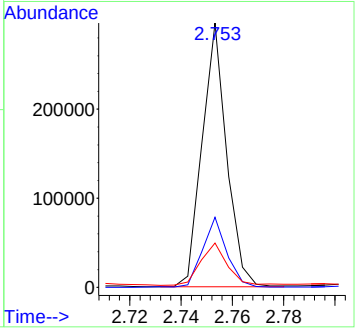


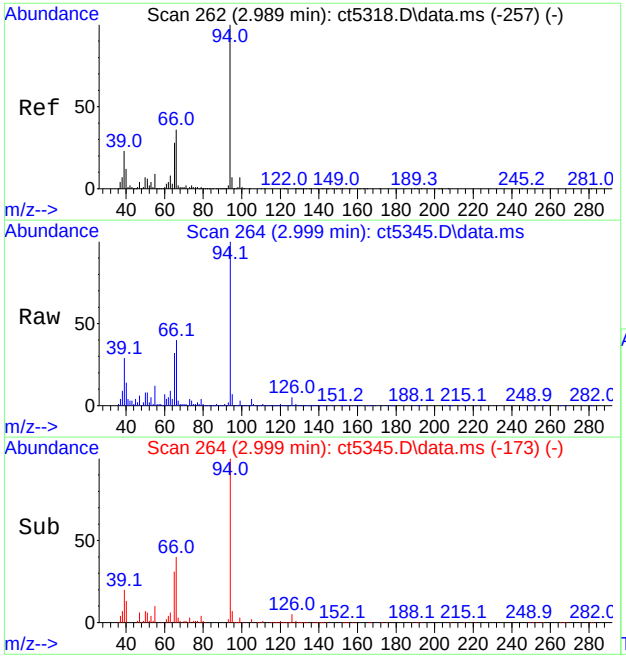


#7
Cumene
Concen: 4.6985 ppm
RT: 2.753 min Scan# 218
Delta R.T. -0.032 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:105 Resp: 198095

Ion	Ratio	Lower	Upper
105	100		
120	26.5	0.0	57.0
77	15.8	0.0	45.8

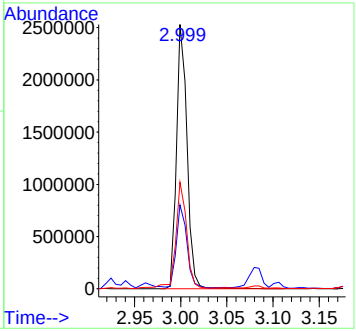


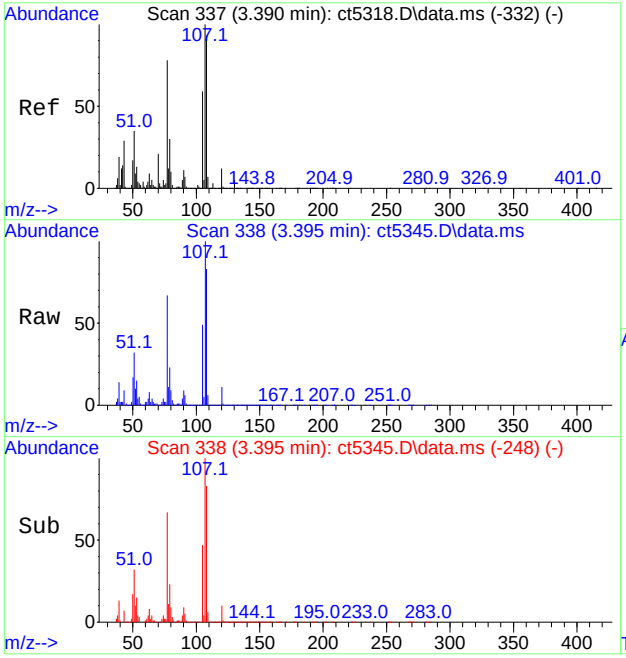


#9
Phenol
Concen: 78.3106 ppm
RT: 2.999 min Scan# 264
Delta R.T. -0.011 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion: 94 Resp: 2006524

Ion	Ratio	Lower	Upper
94	100		
65	30.9	0.0	59.7
66	39.4	8.2	68.2

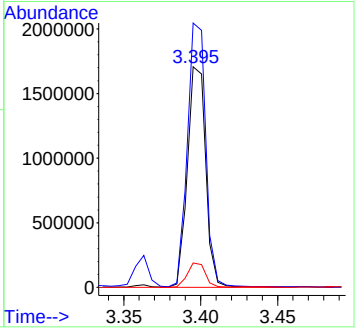


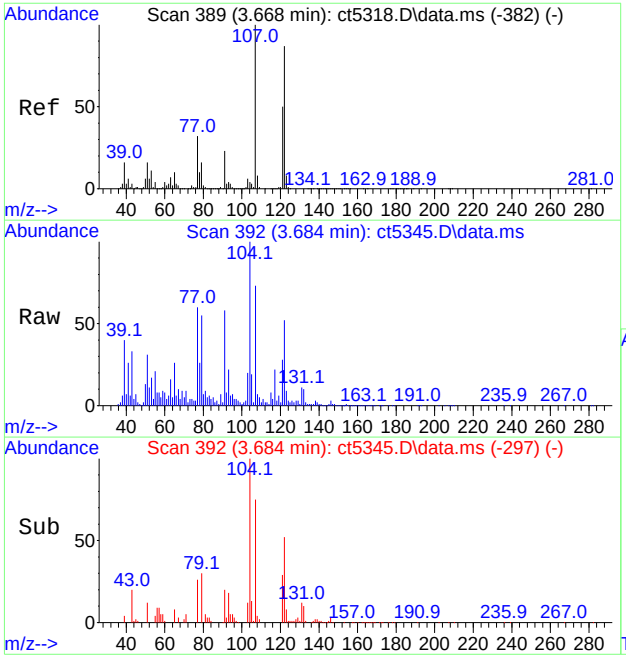


#21
3&4-Methylphenol
Concen: 78.0926 ppm
RT: 3.395 min Scan# 338
Delta R.T. -0.021 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:108 Resp: 1413764

Ion	Ratio	Lower	Upper
108	100		
107	119.6	74.9	134.9
90	11.0	0.0	41.4

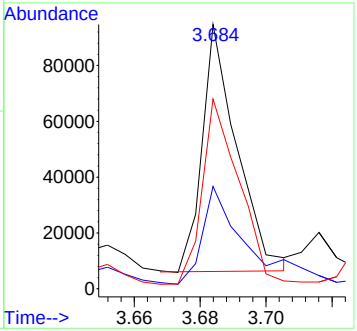


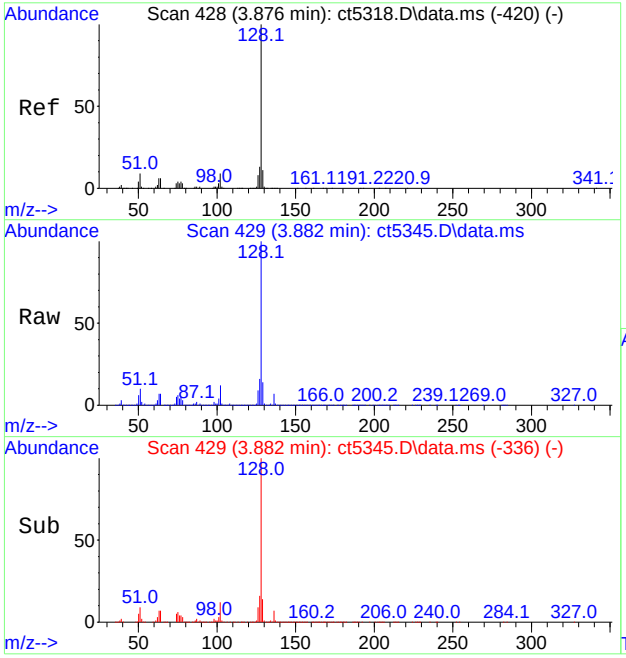


#30
2,4-Dimethylphenol
Concen: 4.2504 ppm
RT: 3.684 min Scan# 392
Delta R.T. 0.010 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:107 Resp: 64712

Ion	Ratio	Lower	Upper
107	100		
121	35.3	19.9	79.9
122	76.5	51.6	111.6

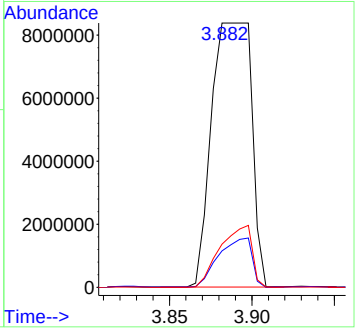


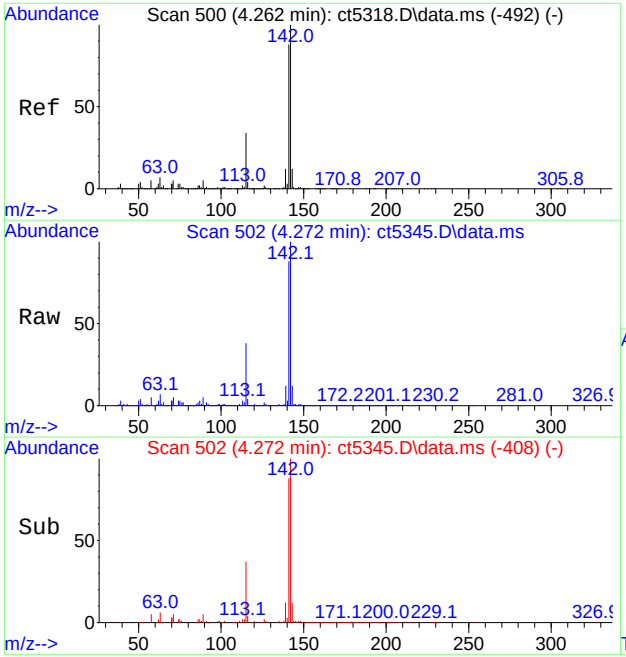


#38
Naphthalene
Concen: 344.7768 ppm
RT: 3.882 min Scan# 429
Delta R.T. -0.000 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:128 Resp:14170867

Ion	Ratio	Lower	Upper
128	100		
129	13.7	0.0	41.7
127	16.3	0.0	43.6

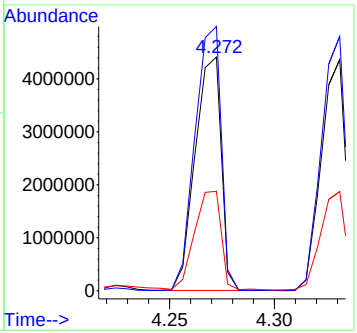


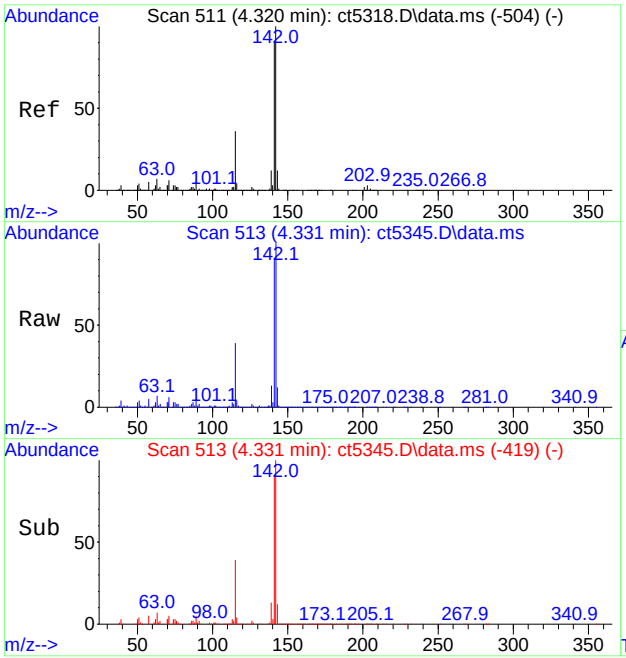


#44
2-Methylnaphthalene
Concen: 158.6218 ppm
RT: 4.272 min Scan# 502
Delta R.T. 0.001 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:141 Resp: 3804971

Ion	Ratio	Lower	Upper
141	100		
142	113.1	85.2	145.2
115	41.9	9.7	69.7

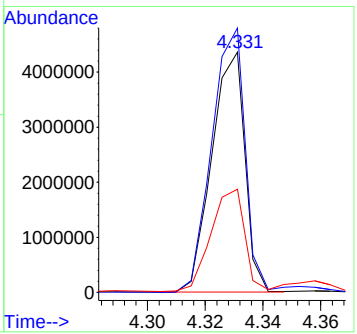


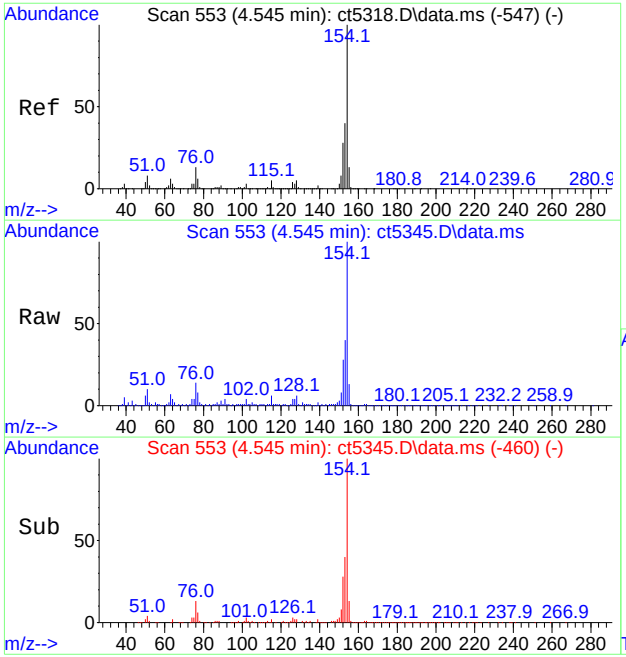


#45
1-Methylnaphthalene
Concen: 141.1289 ppm
RT: 4.331 min Scan# 513
Delta R.T. 0.002 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:141 Resp: 3479421

Ion	Ratio	Lower	Upper
141	100		
142	109.2	80.8	140.8
115	41.1	10.8	70.8

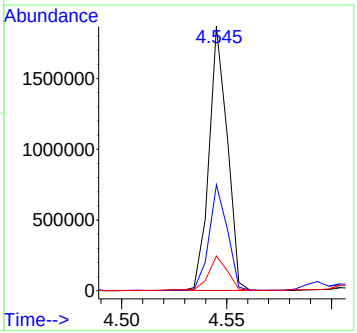


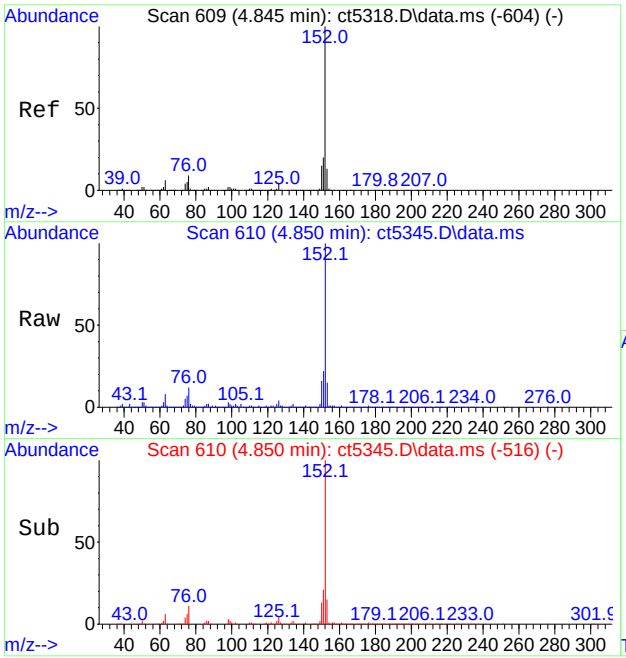


#53
Biphenyl
Concen: 27.4111 ppm
RT: 4.545 min Scan# 553
Delta R.T. -0.002 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:154 Resp: 1132457

Ion	Ratio	Lower	Upper
154	100		
153	39.9	10.7	70.7
155	13.0	0.0	43.5

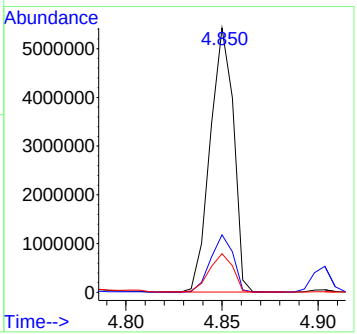


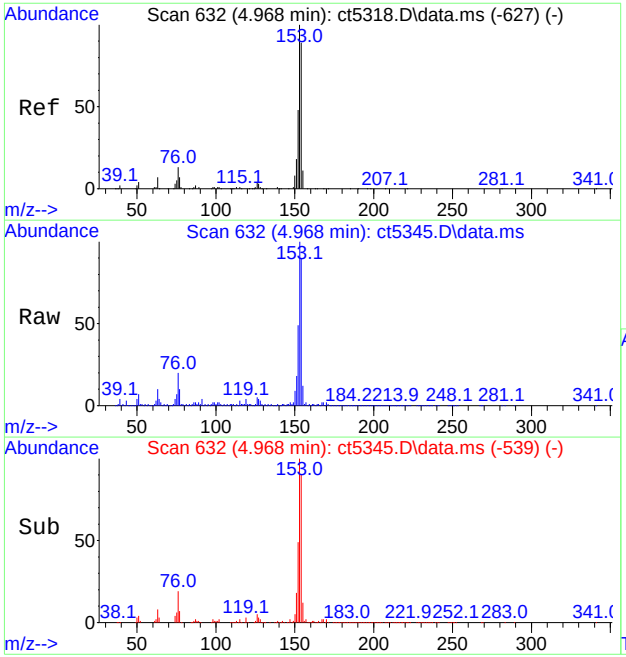


#56
Acenaphthylene
Concen: 91.6712 ppm
RT: 4.850 min Scan# 610
Delta R.T. 0.004 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:152 Resp: 4563261

Ion	Ratio	Lower	Upper
152	100		
151	21.7	0.0	50.4
153	14.5	0.0	43.6

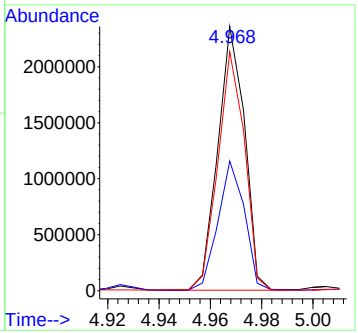


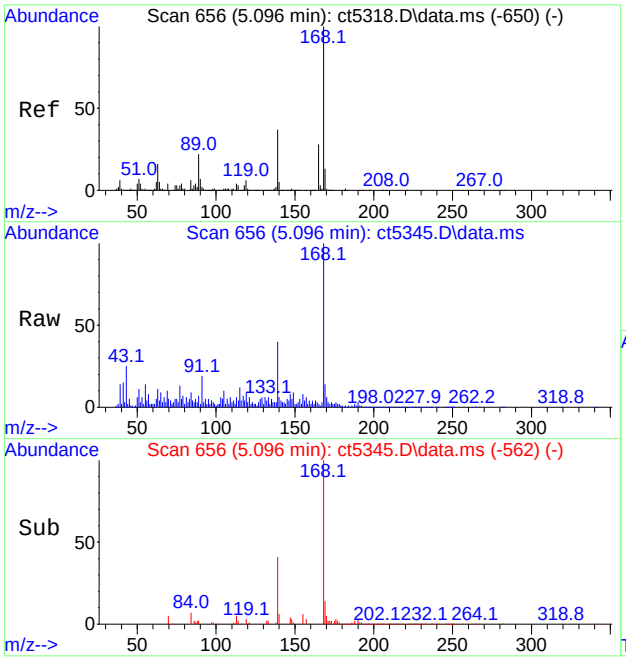


#59
Acenaphthene
Concen: 51.0483 ppm
RT: 4.968 min Scan# 632
Delta R.T. -0.000 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:153 Resp: 1718645

Ion	Ratio	Lower	Upper
153	100		
152	48.9	18.5	78.5
154	90.4	59.7	119.7

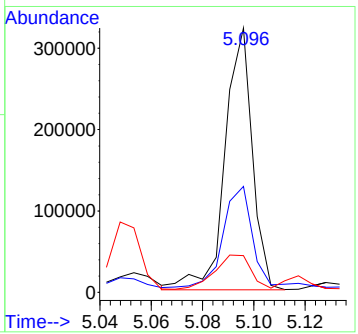


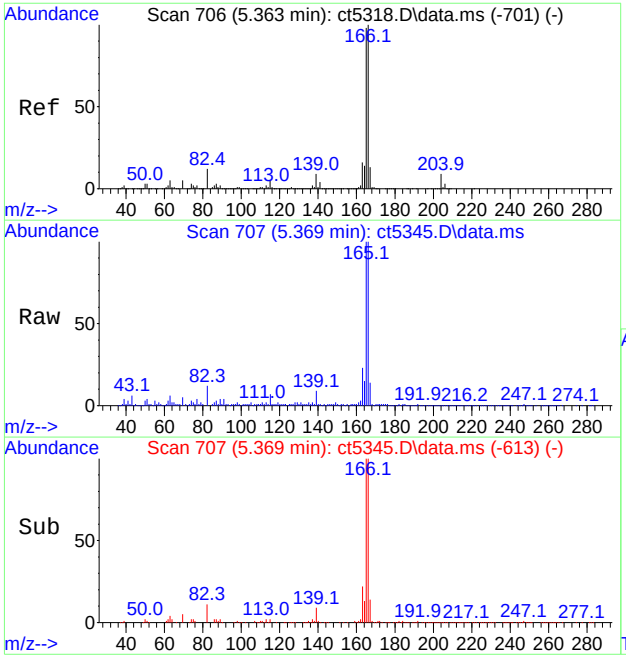


#62
Dibenzofuran
Concen: 5.3974 ppm
RT: 5.096 min Scan# 656
Delta R.T. 0.001 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:168 Resp: 238636

Ion	Ratio	Lower	Upper
168	100		
139	38.3	11.5	71.5
169	11.2	0.0	43.8

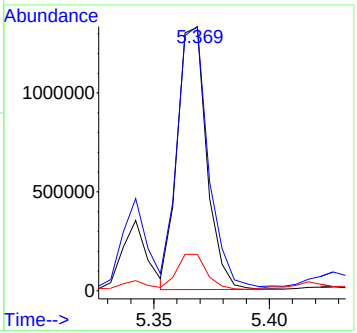


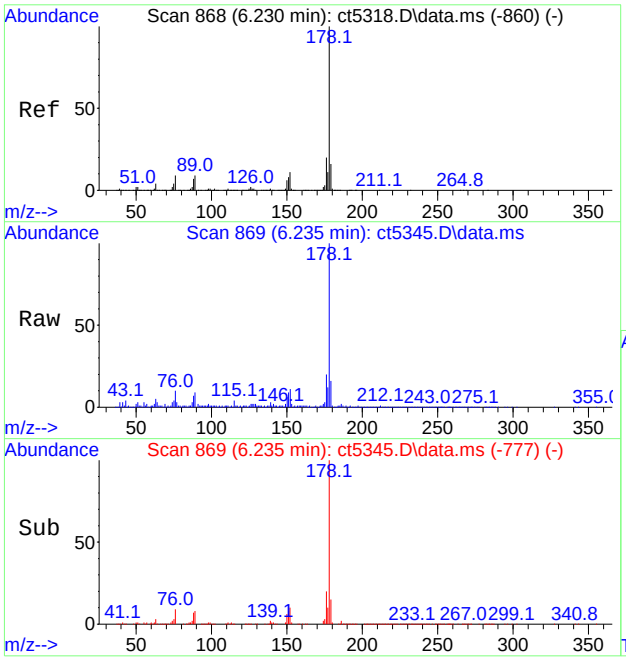


#66
Fluorene
Concen: 33.7232 ppm
RT: 5.369 min Scan# 707
Delta R.T. 0.003 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:166 Resp: 1176140

Ion	Ratio	Lower	Upper
166	100		
165	98.9	67.6	127.6
167	12.9	0.0	43.4

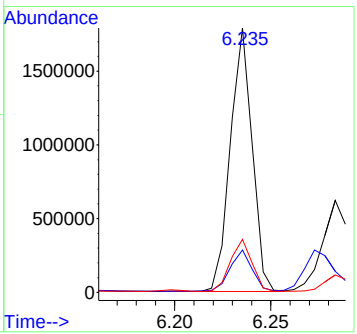


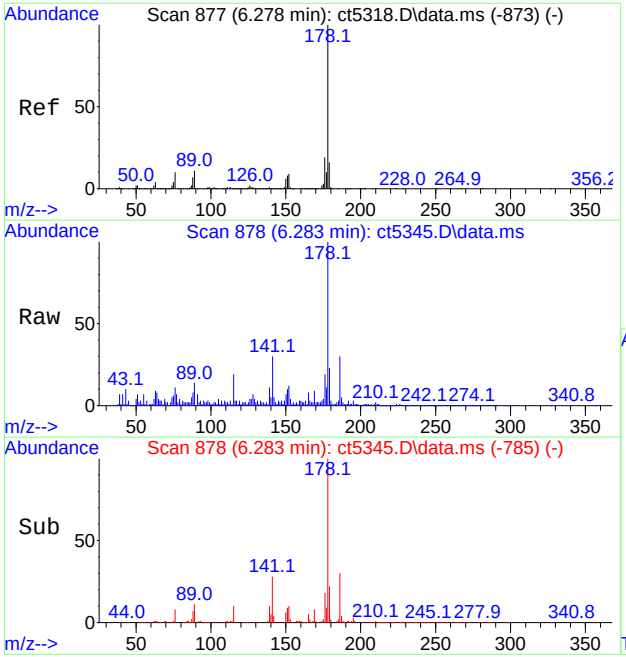


#78
Phenanthrene
Concen: 28.2400 ppm
RT: 6.235 min Scan# 869
Delta R.T. -0.005 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:178 Resp: 1413029

Ion	Ratio	Lower	Upper
178	100		
179	15.5	0.0	46.1
176	19.6	0.0	50.2

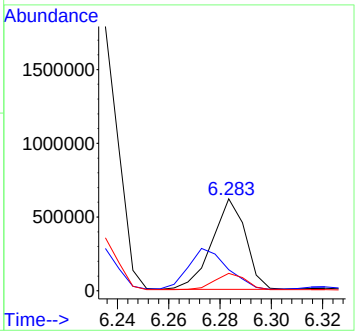


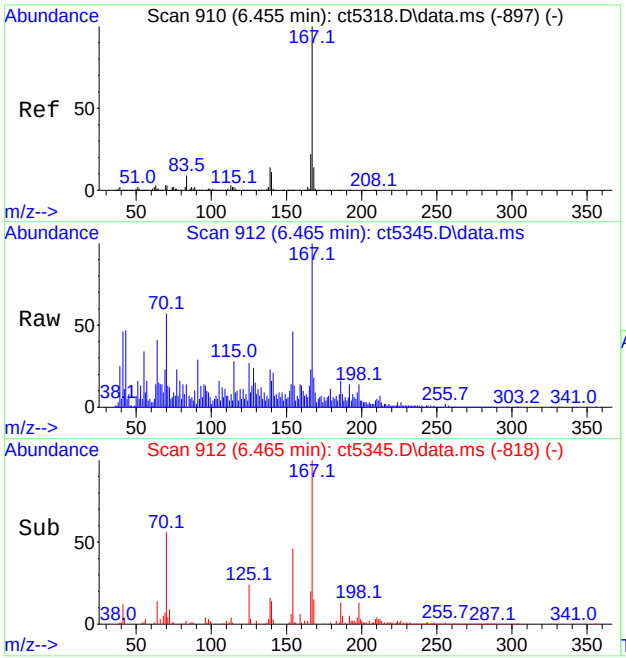


#79
Anthracene
Concen: 11.1098 ppm
RT: 6.283 min Scan# 878
Delta R.T. -0.005 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:178 Resp: 563047

Ion	Ratio	Lower	Upper
178	100		
179	21.3	0.0	45.8
176	18.2	0.0	49.2

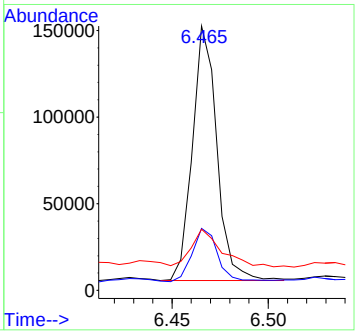


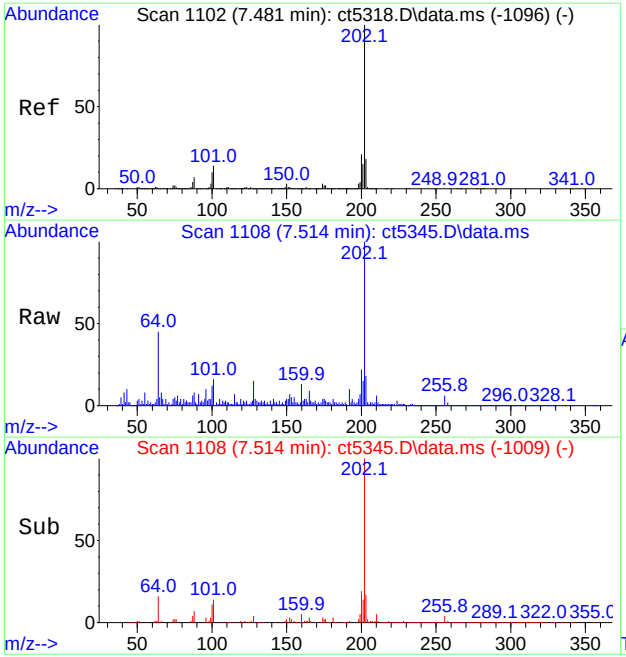


#80
Carbazole
Concen: 2.6754 ppm
RT: 6.465 min Scan# 912
Delta R.T. 0.002 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:167 Resp: 130600

Ion	Ratio	Lower	Upper
167	100		
166	20.6	0.0	51.5
139	13.8	0.0	43.6

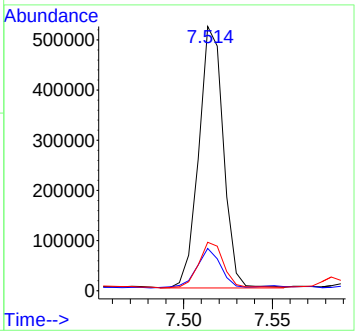


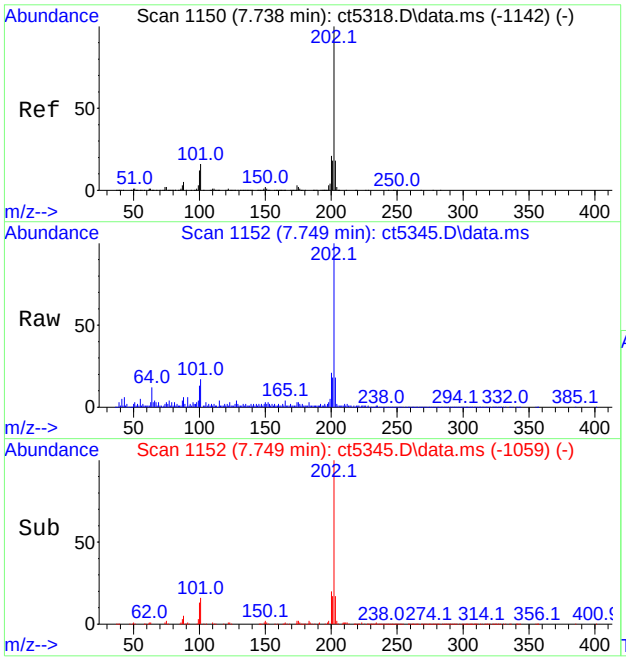


#82
Fluoranthene
Concen: 9.7524 ppm
RT: 7.514 min Scan# 1108
Delta R.T. 0.028 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:202 Resp: 500916

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	45.1
203	17.4	0.0	47.9

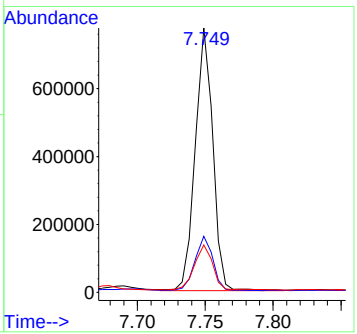


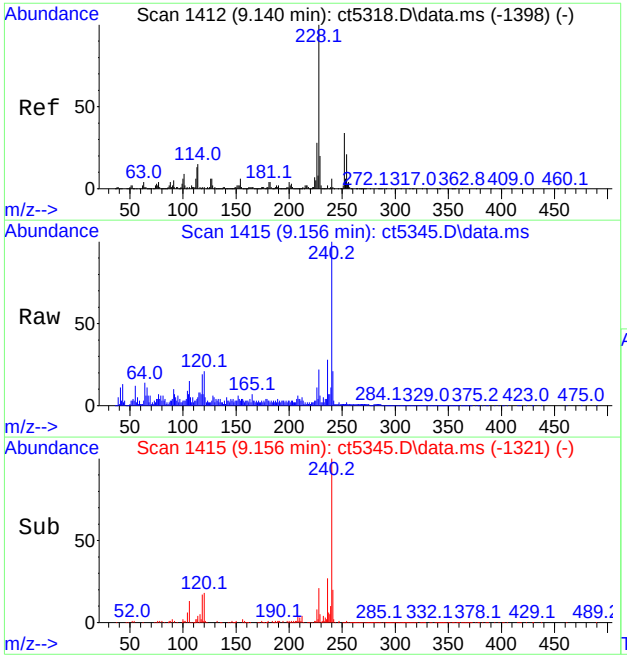


#86
Pyrene
Concen: 13.4026 ppm
RT: 7.749 min Scan# 1152
Delta R.T. -0.000 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:202 Resp: 697021

Ion	Ratio	Lower	Upper
202	100		
200	20.6	0.0	51.5
203	17.2	0.0	47.8

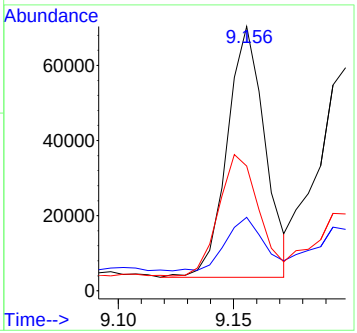


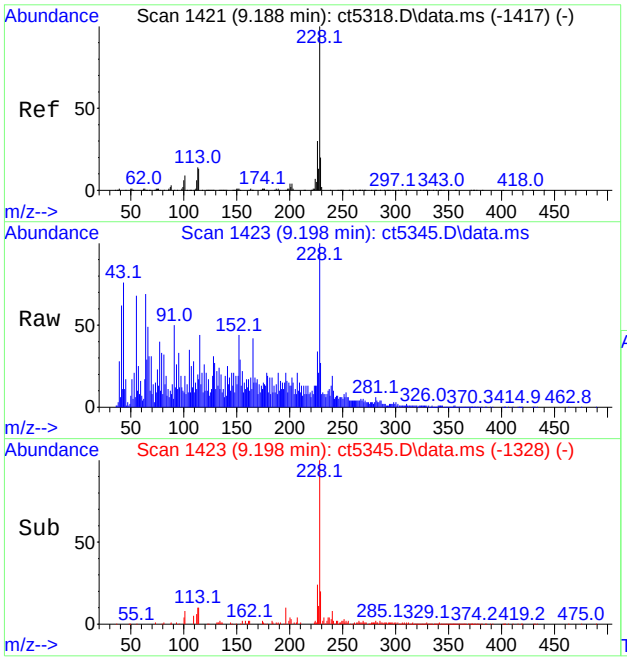


#89
Benzo[a]anthracene
Concen: 1.8058 ppm
RT: 9.156 min Scan# 1415
Delta R.T. 0.005 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:228 Resp: 76314

Ion	Ratio	Lower	Upper
228	100		
229	21.0	0.0	50.1
226	44.8	0.0	58.2

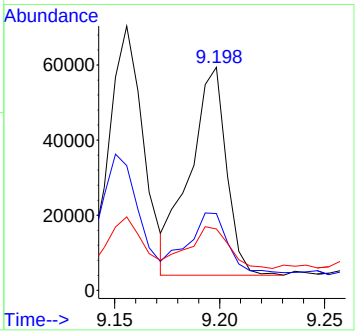


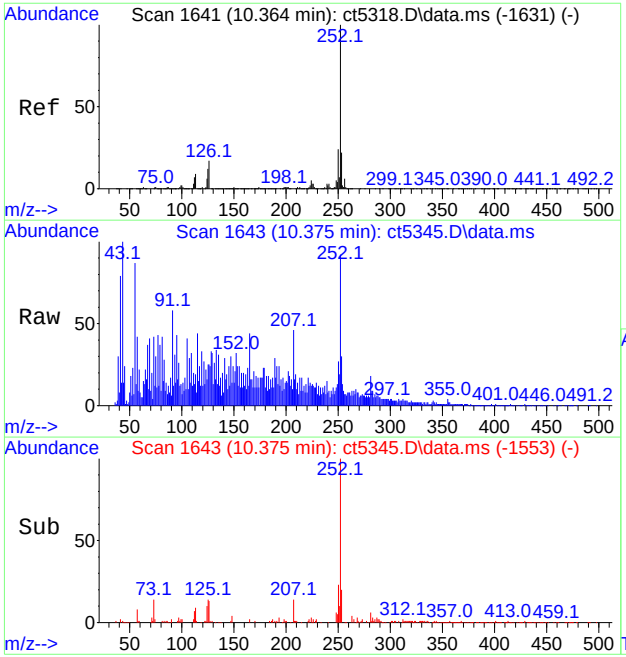


#91
Chrysene
Concen: 1.5387 ppm
RT: 9.198 min Scan# 1423
Delta R.T. 0.006 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:228 Resp: 67298

Ion	Ratio	Lower	Upper
228	100		
226	28.5	0.6	60.6
229	18.0	0.0	49.6

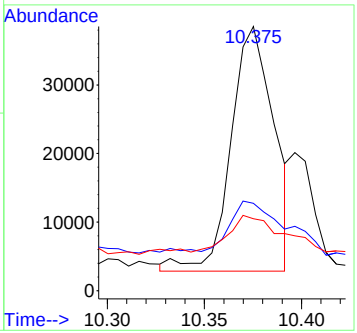


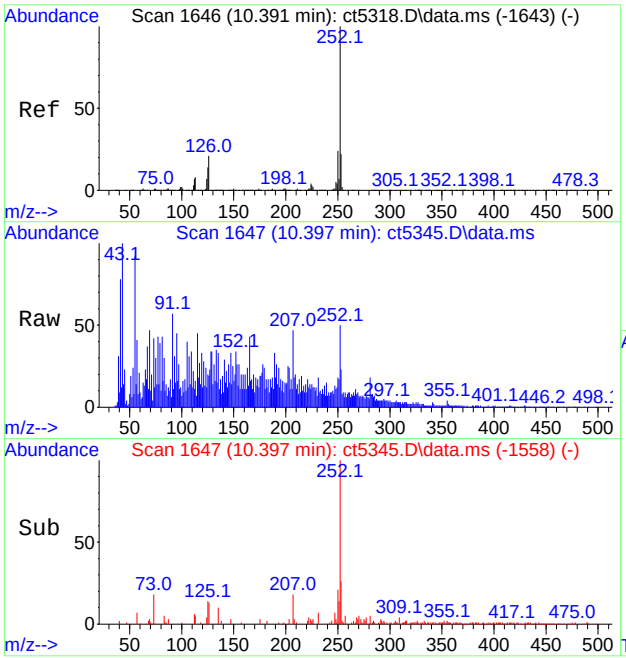


#95
Benzo[b]fluoranthene
Concen: 1.3659 ppm m
RT: 10.375 min Scan# 1643
Delta R.T. -0.016 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:252 Resp: 55079

Ion	Ratio	Lower	Upper
252	100		
253	33.1	0.0	53.2
125	27.3	0.0	44.2

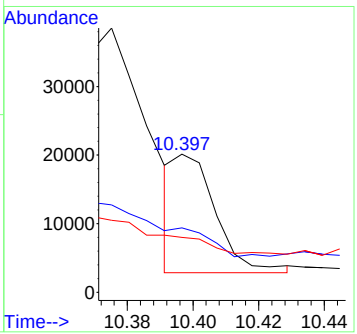


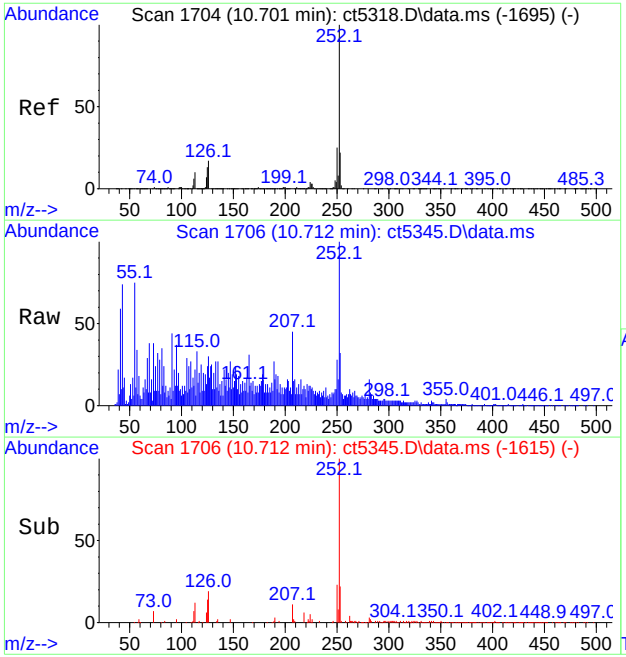


#96
Benzo[k]fluoranthene
Concen: 0.3751 ppm m
RT: 10.397 min Scan# 1647
Delta R.T. -0.022 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:252 Resp: 15103

Ion	Ratio	Lower	Upper
252	100		
253	46.6	0.0	52.5
125	39.9	0.0	45.1

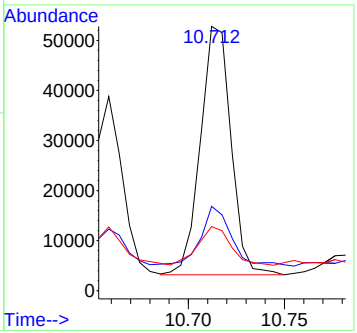


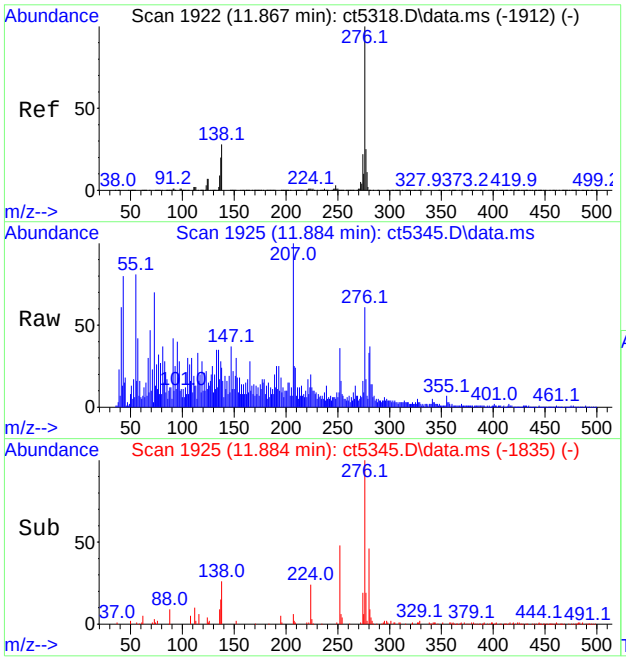


#97
Benzo[a]pyrene
Concen: 1.5374 ppm
RT: 10.712 min Scan# 1706
Delta R.T. -0.016 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:252 Resp: 54918

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	52.4
125	14.7	0.0	44.9

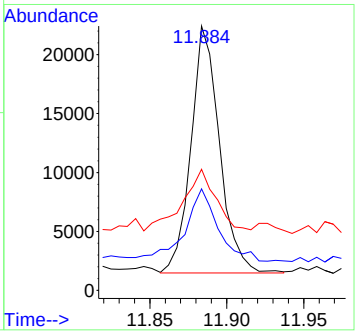


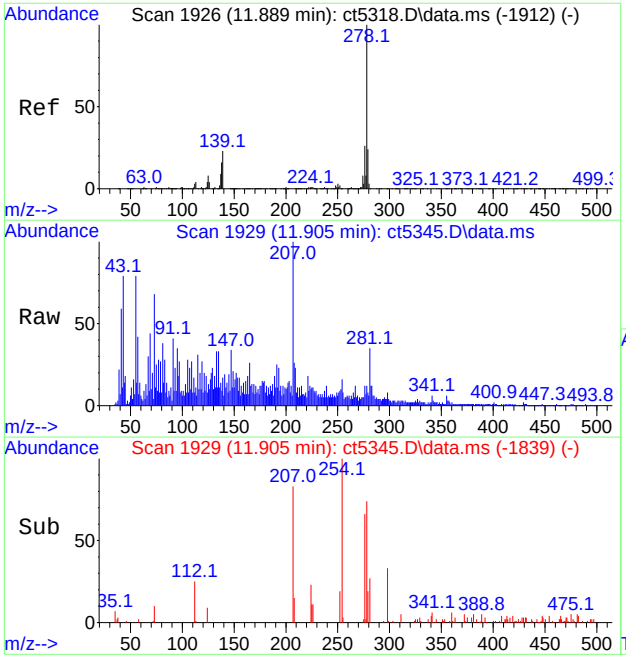


#98
Indeno[1,2,3-cd]pyrene
Concen: 0.6193 ppm
RT: 11.884 min Scan# 1925
Delta R.T. -0.019 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:276 Resp: 27045

Ion	Ratio	Lower	Upper
276	100		
138	26.9	0.0	59.2
137	22.6	0.0	50.7

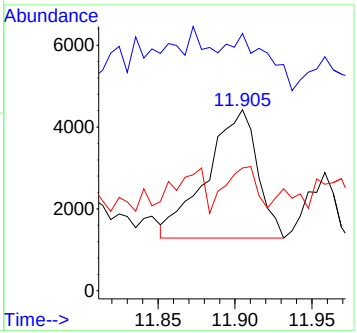


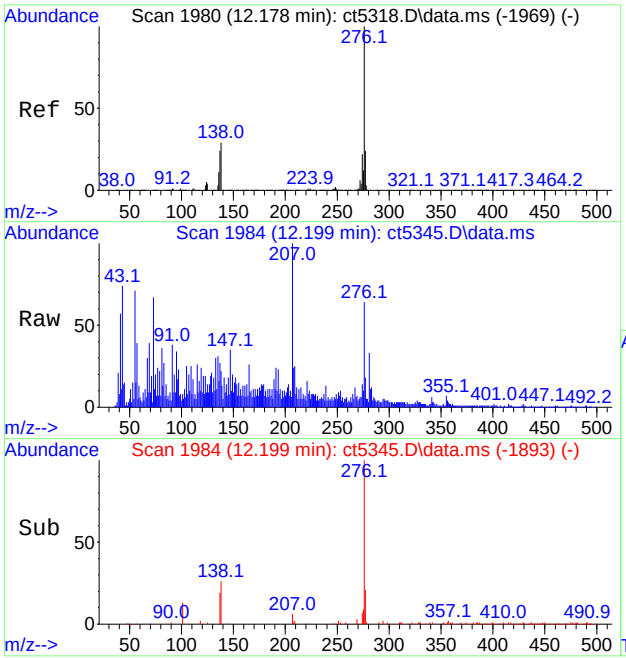


#100
Dibenz[a,h]anthracene
Concen: 0.2049 ppm
RT: 11.905 min Scan# 1929
Delta R.T. -0.019 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:278 Resp: 7121

Ion	Ratio	Lower	Upper
278	100		
139	20.9	0.0	53.3
279	22.3	0.0	53.8

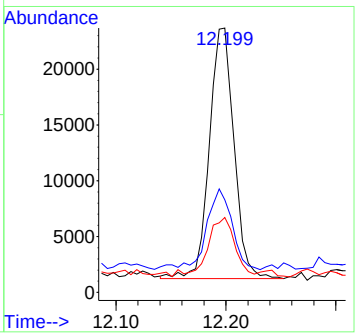




#102
Benzo[g,h,i]perylene
Concen: 1.0126 ppm
RT: 12.199 min Scan# 1984
Delta R.T. -0.013 min
Lab File: ct5345.D
Acq: 20 Feb 2024 06:19 pm

Tgt Ion:276 Resp: 35327

Ion	Ratio	Lower	Upper
276	100		
138	26.1	1.8	61.8
277	22.9	0.0	53.9



Manual Integration Approval Summary

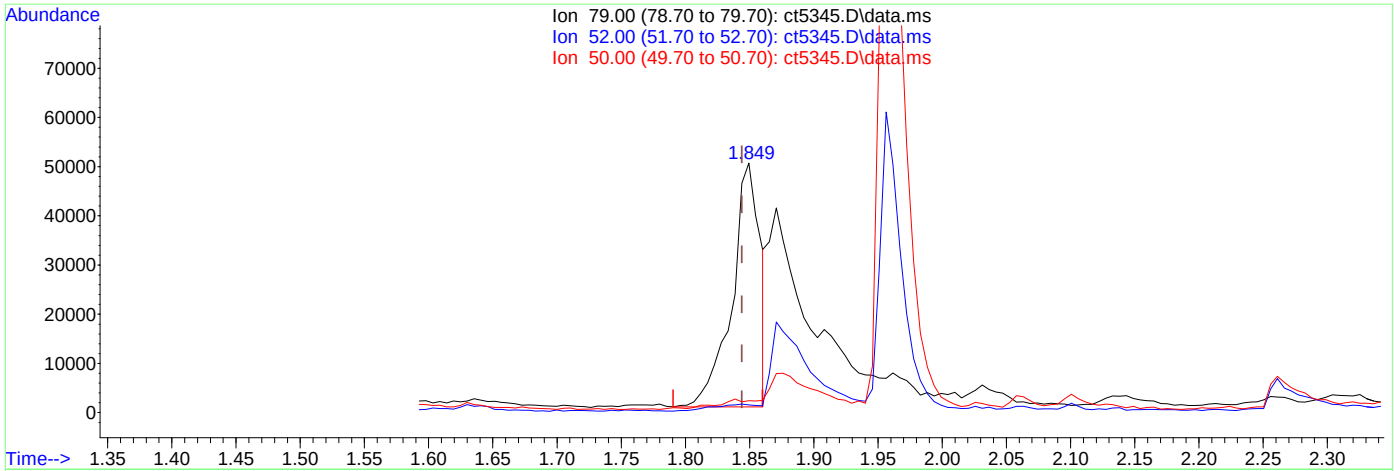
Sample Number: JD82517-10
Lab FileID: CT5345.D
Injection Time: 02/20/24 18:19
Method: SW846 8270E
Analyst approved: 02/21/24 08:03 NeriRose Cuevas
Supervisor approved: 02/22/24 04:14 Jeryll Fabriene Reyes

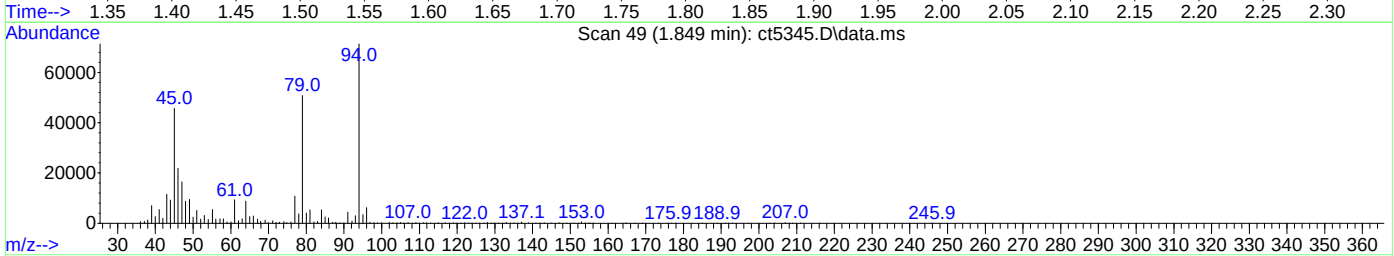
Parameter	CAS	Sig#	R.T. (min.)	Reason
Pyridine	110-86-1		1.85	Poor instrument integration
Benzo(b)fluoranthene	205-99-2		10.38	Poor instrument integration
Benzo(k)fluoranthene	207-08-9		10.40	Poor instrument integration

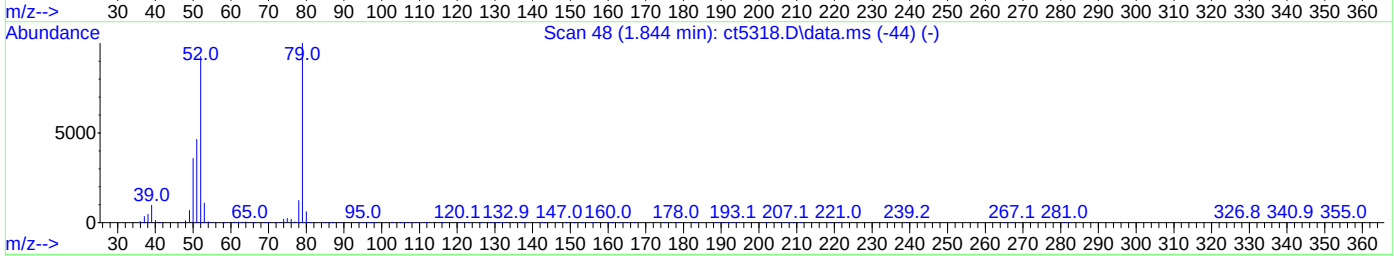
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 21 09:24:19 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 09:16:30 2024
Response via : Initial Calibration







TIC: ct5345.D\data.ms

(3) Pyridine (t)

1.849min (+0.005) 3.08ppm

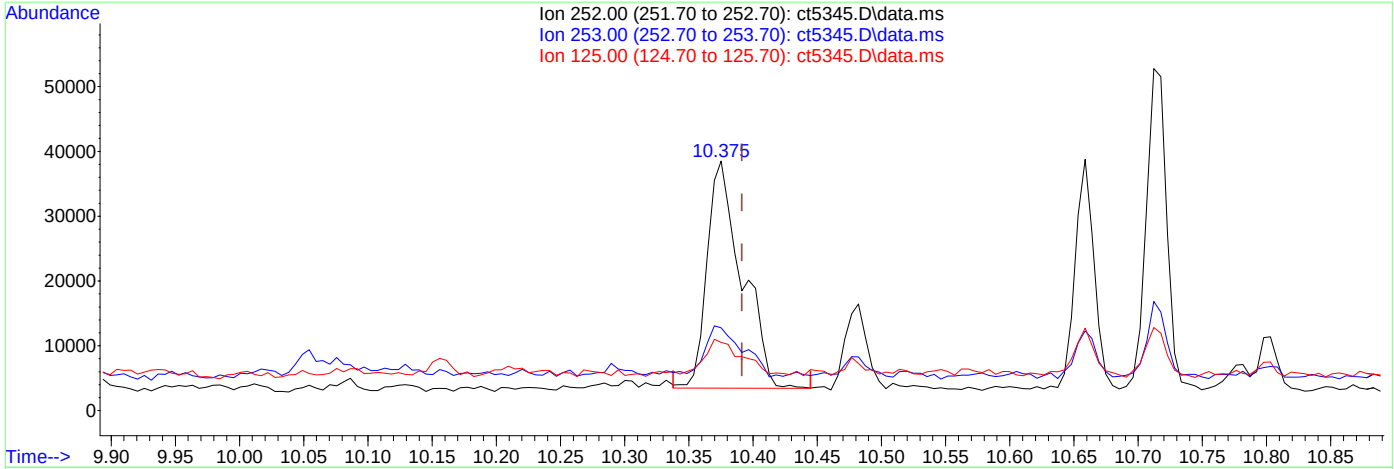
response 75380

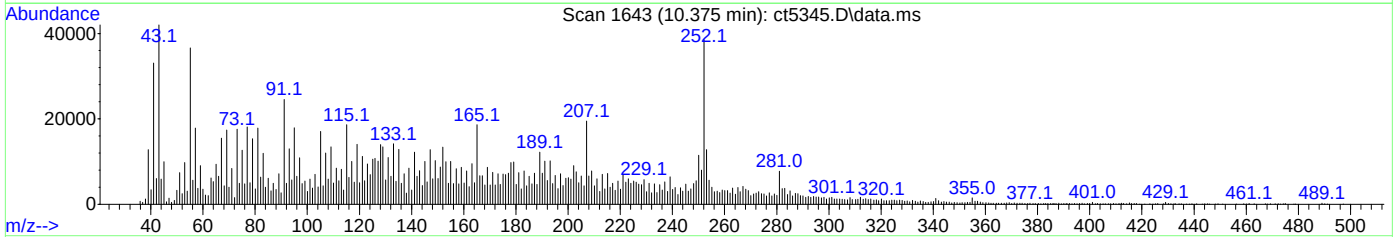
Ion	Exp%	Act%
79.00	100	100
52.00	92.50	2.15#
50.00	35.60	2.10#
0.00	0.00	0.00

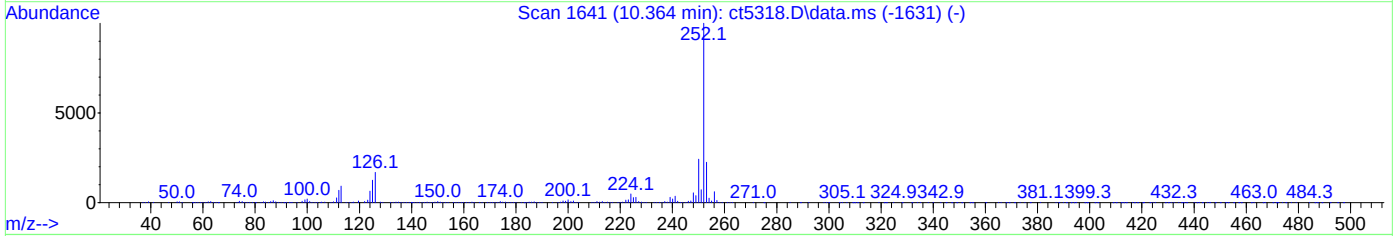
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 21 12:18:26 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration







TIC: ct5345.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.375min (-0.016) 1.64ppm

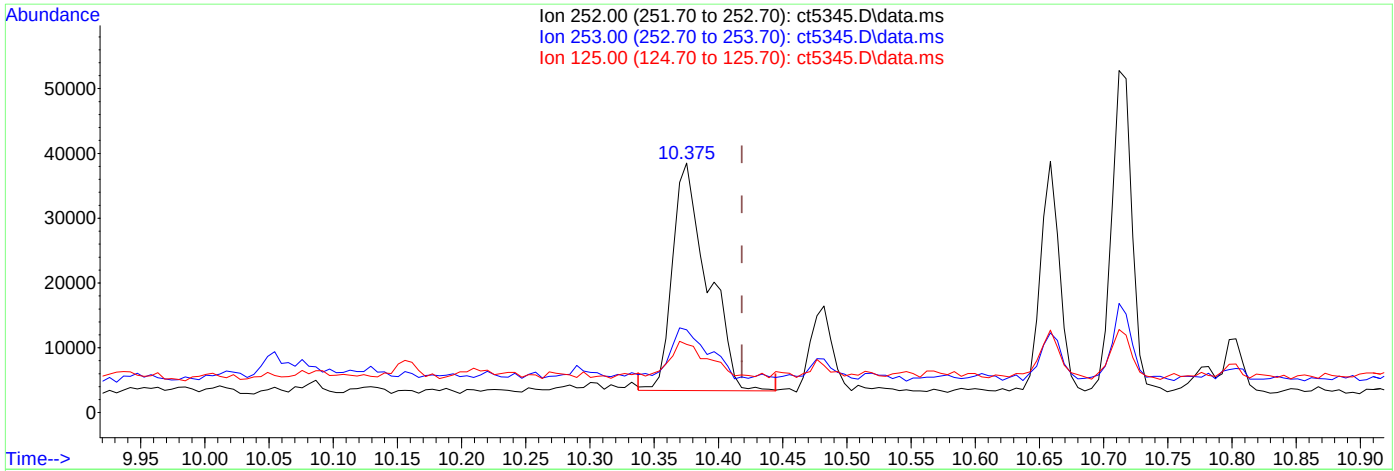
response 66249

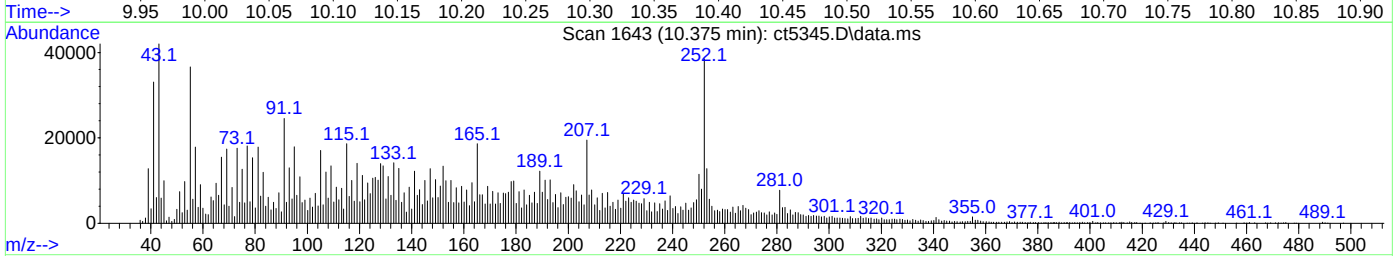
Ion	Exp%	Act%
252.00	100	100
253.00	23.20	20.45
125.00	14.20	12.38
0.00	0.00	0.00

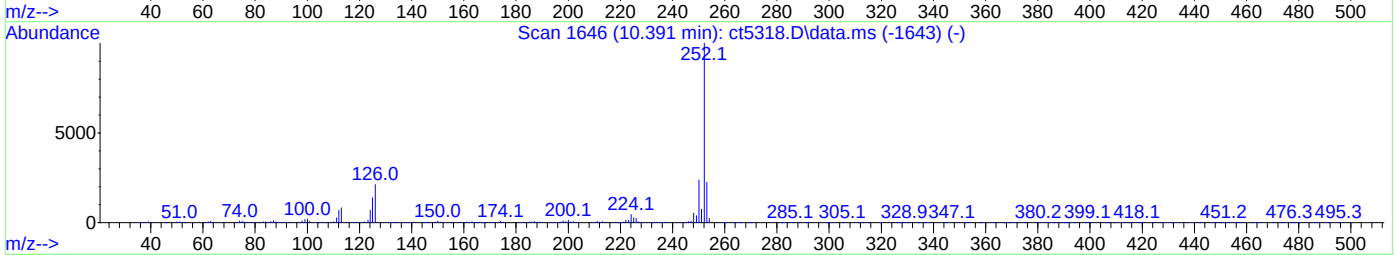
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 21 12:18:26 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration







TIC: ct5345.D\data.ms

(96) Benzo[k]fluoranthene (t)

10.375min (-0.043) 1.65ppm

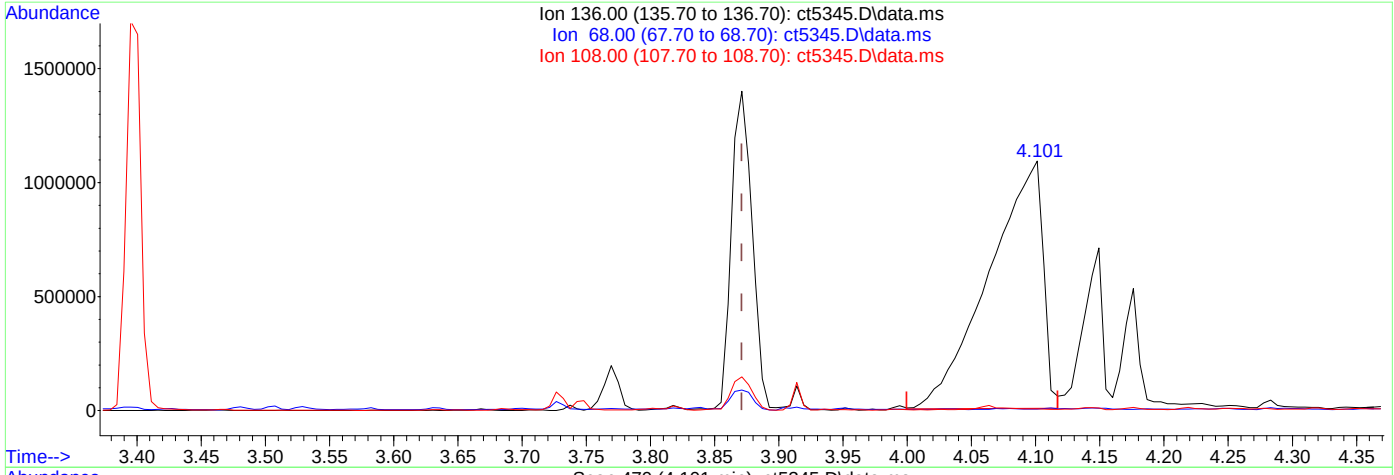
response 66634

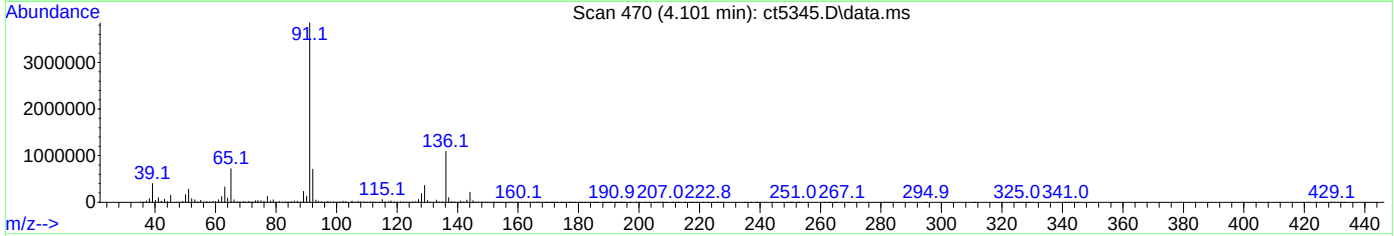
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	20.45
125.00	15.10	12.38
0.00	0.00	0.00

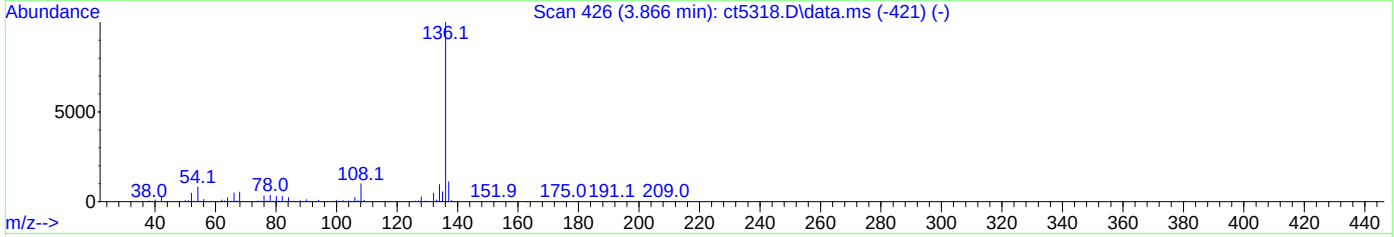
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 21 12:18:26 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration







TIC: ct5345.D\data.ms

(107) Naphthalene-d8a (I)

4.101min (+0.230) 40.00ppm

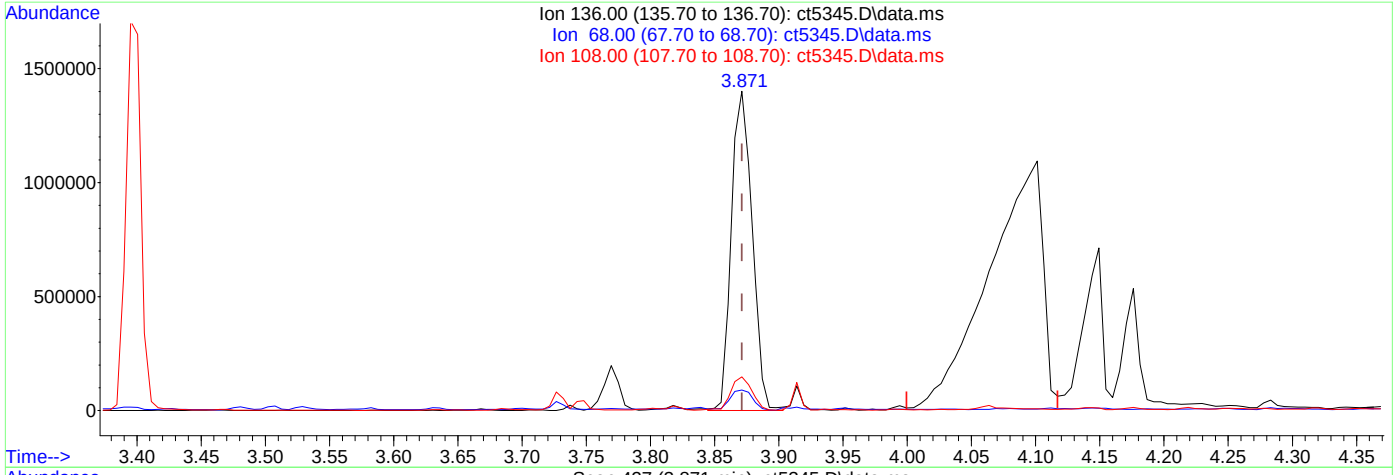
response 3168305

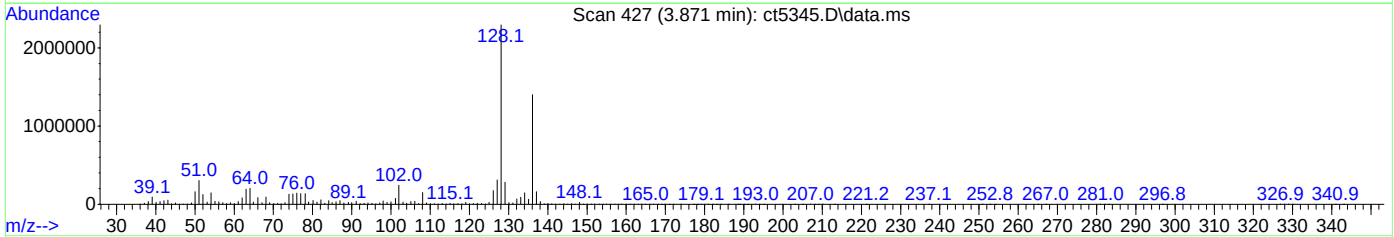
Ion	Exp%	Act%
136.00	100	100
68.00	6.50	0.02
108.00	10.60	0.30
0.00	0.00	0.00

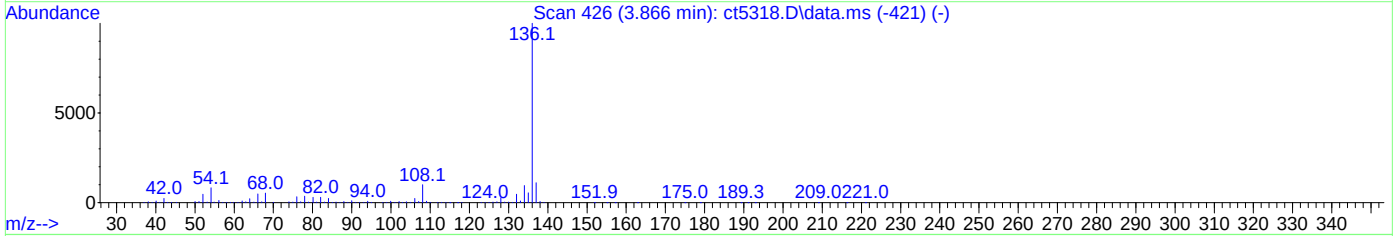
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 21 12:18:26 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration







TIC: ct5345.D\data.ms

(107) Naphthalene-d8a (I)

3.871min (0.000) 40.00ppm m

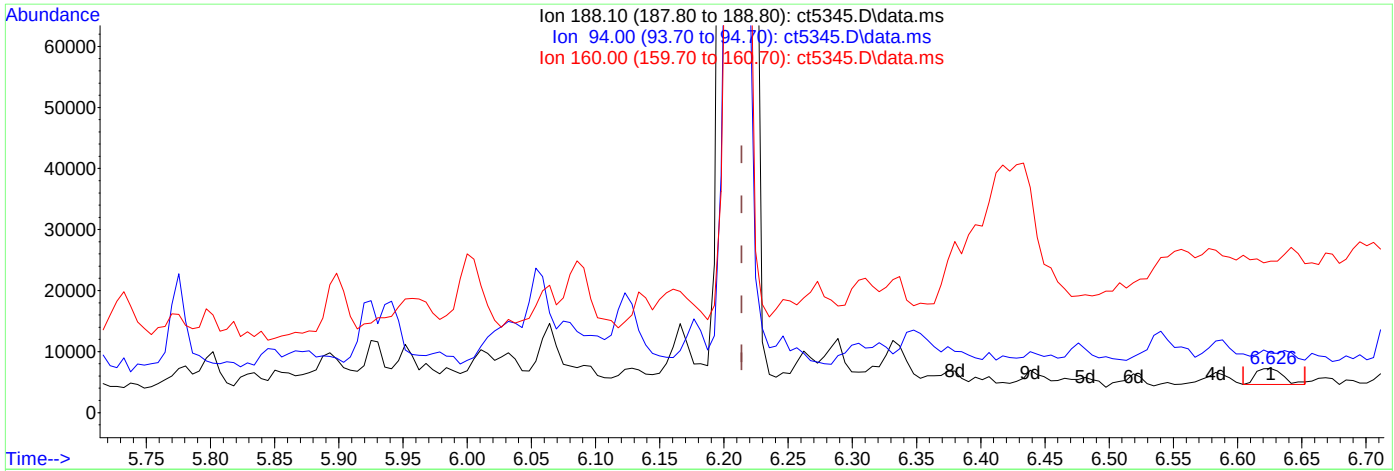
response 1582078

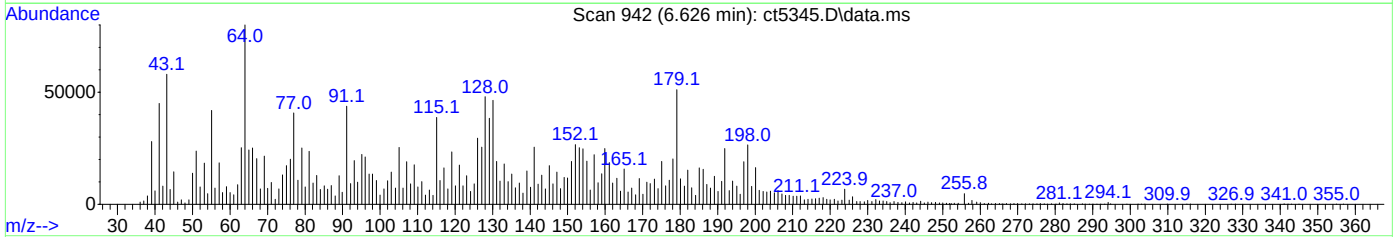
Ion	Exp%	Act%
136.00	100	100
68.00	6.50	6.47
108.00	10.60	10.60
0.00	0.00	0.00

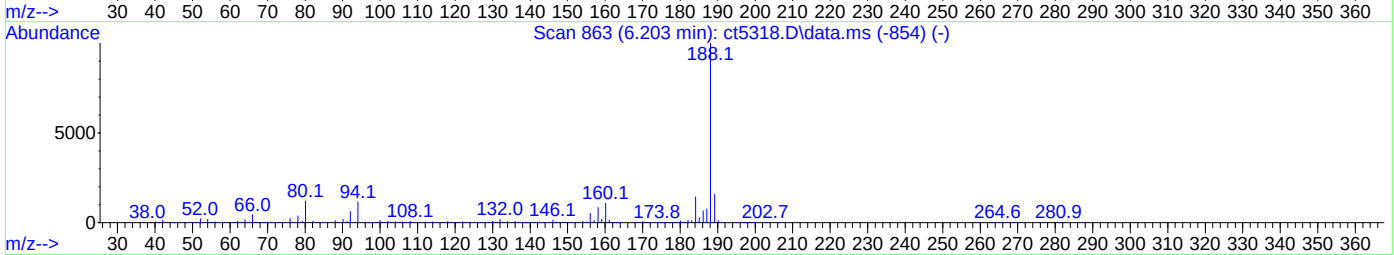
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 21 12:18:26 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration







TIC: ct5345.D\data.ms

(109) Phenanthrene-d10b

6.626min (+0.412) 40.00ppm

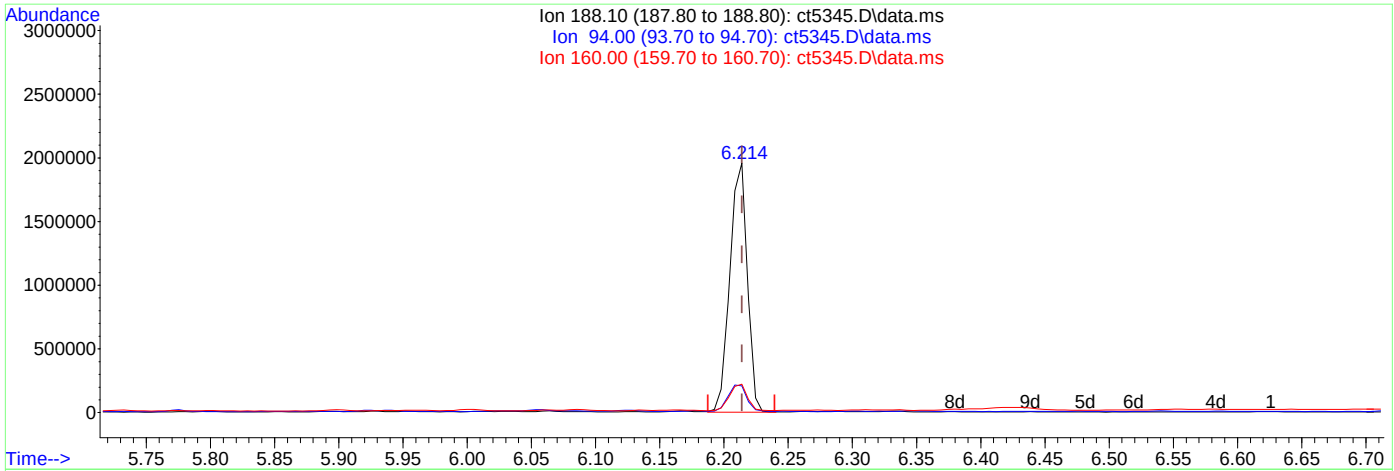
response 3871

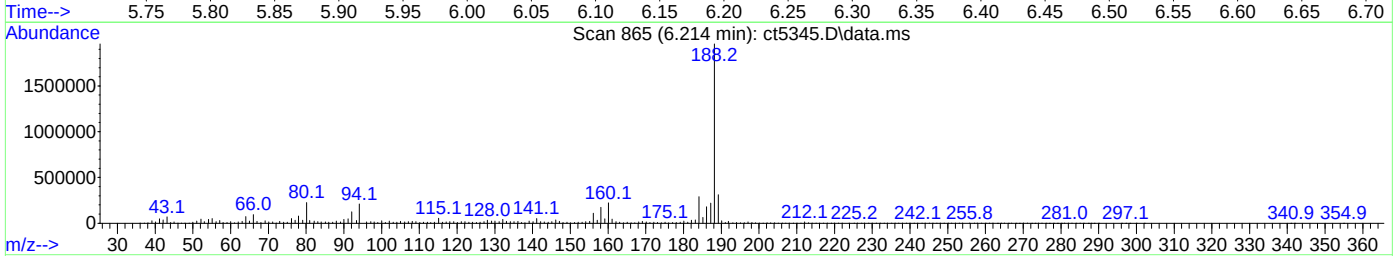
Ion	Exp%	Act%
188.10	100	100
94.00	10.70	26.56#
160.00	11.40	0.00#
0.00	0.00	0.00

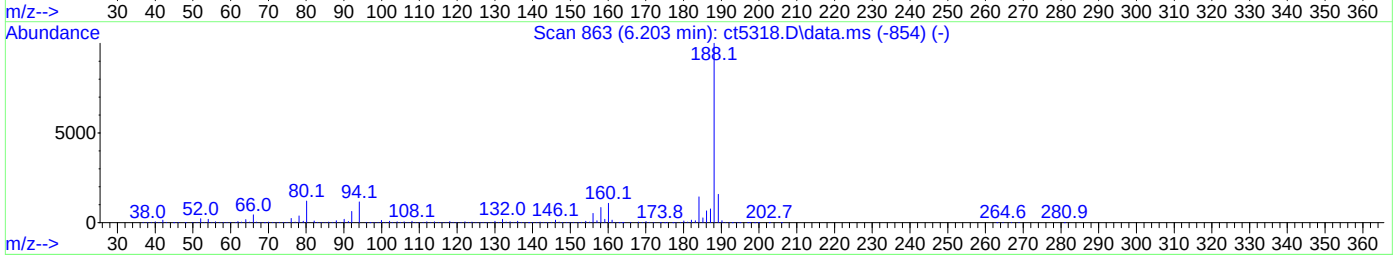
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 21 12:18:26 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration







TIC: ct5345.D\data.ms

(109) Phenanthrene-d10b

6.214min (0.000) 40.00ppm m

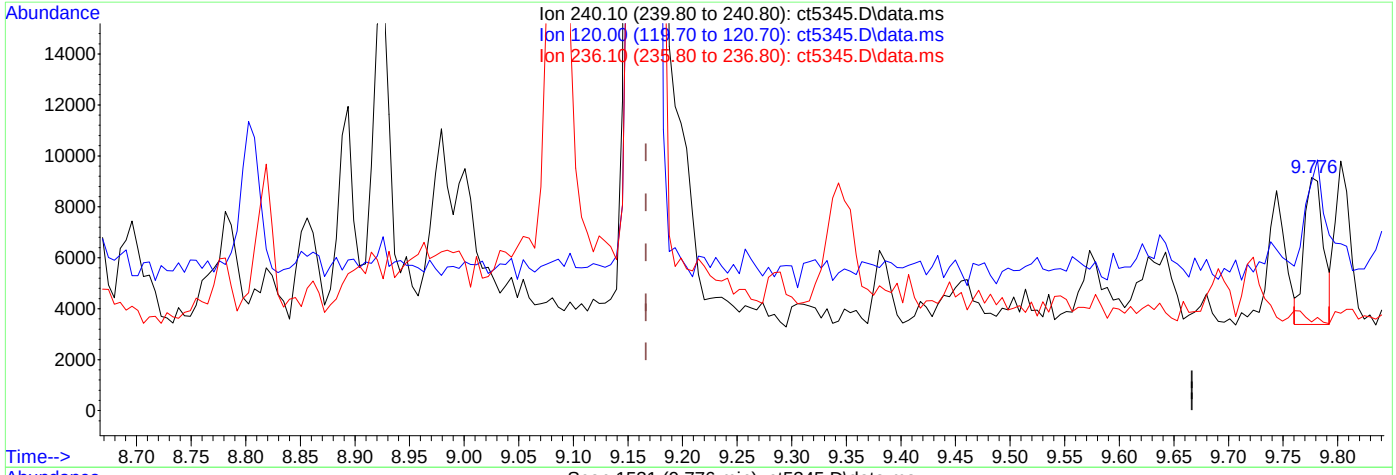
response 1849091

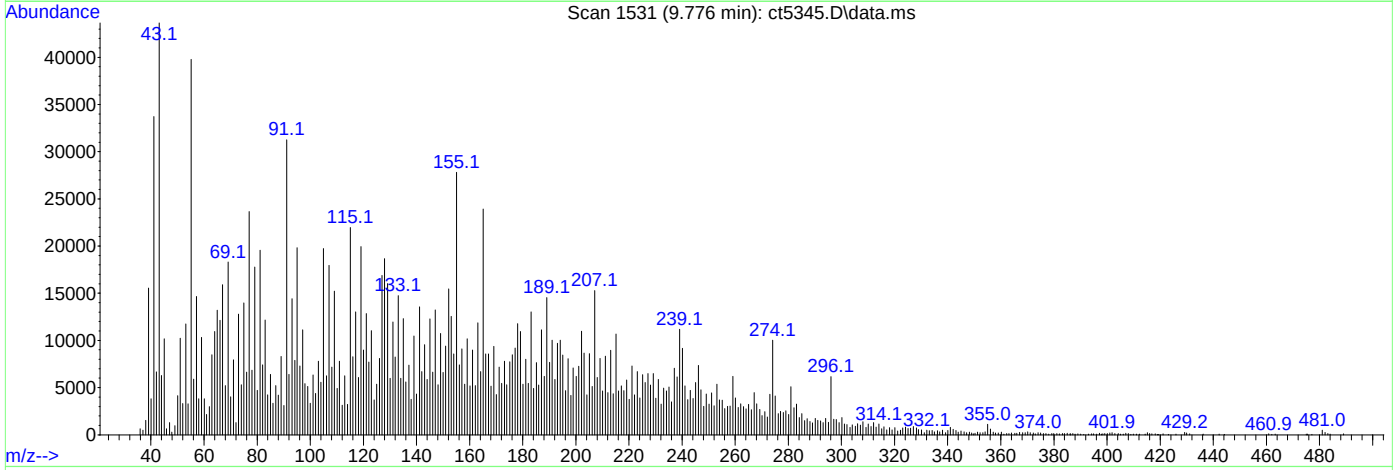
Ion	Exp%	Act%
188.10	100	100
94.00	10.70	10.74
160.00	11.40	11.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 21 12:18:26 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration





TIC: ct5345.D\data.ms

(112) Chrysene-d12a (I)

9.776min (+0.610) 40.00ppm

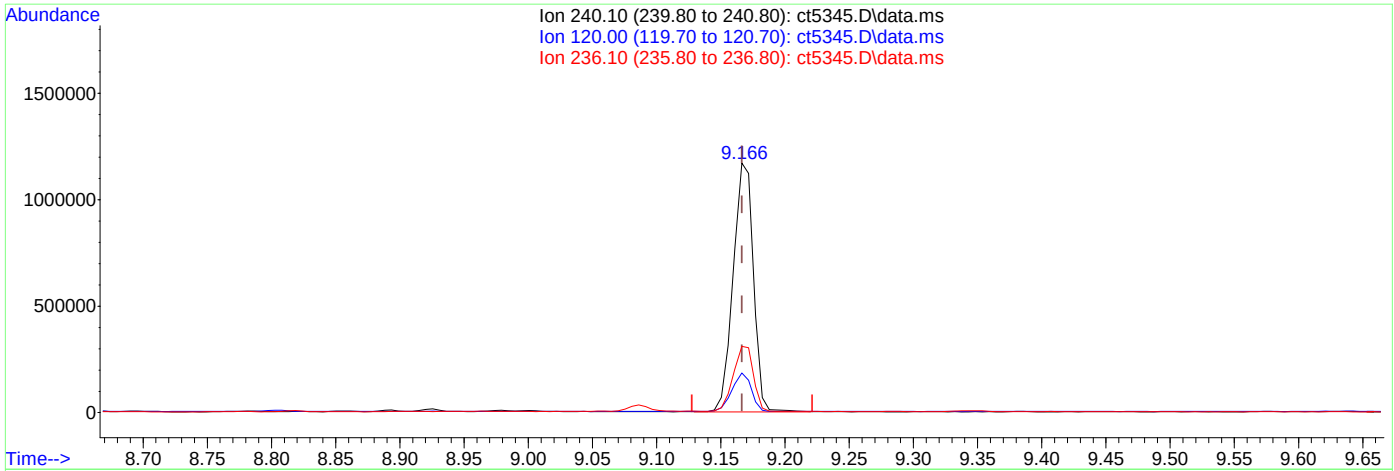
response 7081

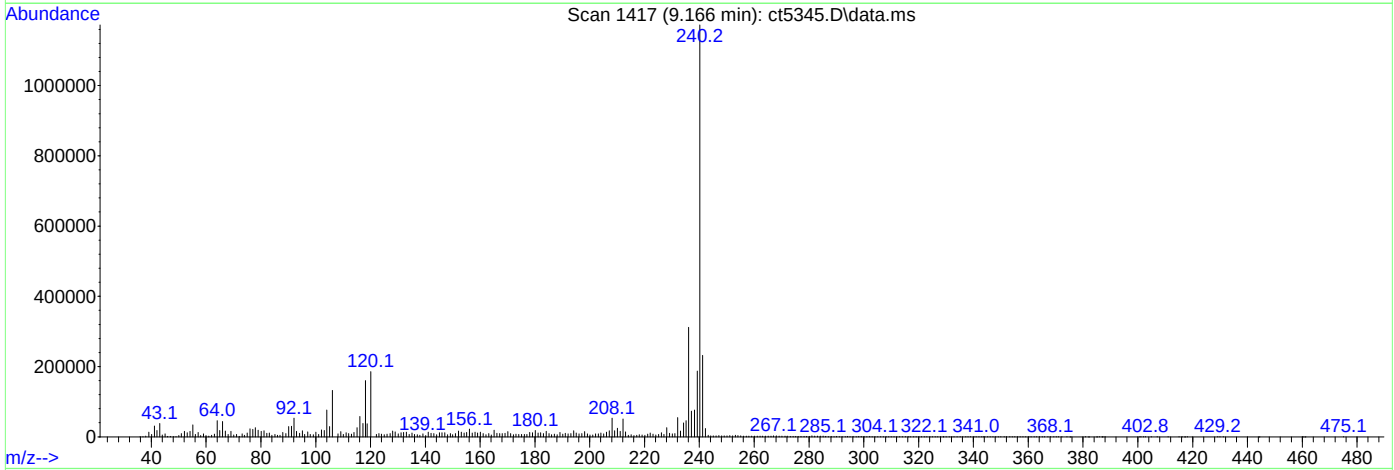
Ion	Exp%	Act%
240.10	100	100
120.00	15.80	63.60#
236.10	26.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5345.D
Acq On : 20 Feb 2024 06:19 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect271,1000,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 21 12:18:26 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 12:17:14 2024
Response via : Initial Calibration





TIC: ct5345.D\data.ms

(112) Chrysene-d12a (I)

9.166min (0.000) 40.00ppm m

response 1287107

Ion	Exp%	Act%
240.10	100	100
120.00	15.80	15.83
236.10	26.50	26.54
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jeryll Fabriene Reyes 02/22/24 04:14

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5380.D
Acq On : 21 Feb 2024 04:37 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,10
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 22 02:11:32 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.160	152	548373	40.00	ppm	0.00
24) Naphthalene-d8	3.850	136	2022590	40.00	ppm	0.00
46) Acenaphthene-d10	4.925	164	1055113	40.00	ppm	0.00
69) Phenanthrene-d10	6.187	188	1832378	40.00	ppm	0.00
84) Chrysene-d12	9.134	240	1318017	40.00	ppm	0.00
93) Perylene-d12	10.739	264	1361525	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.160	152	548373	40.00	ppm	0.00
105) Phenanthrene-d10a	6.187	188	1832378	40.00	ppm	0.00
107) Naphthalene-d8a	3.850	136	2022590	40.00	ppm	0.00
109) Phenanthrene-d10b	6.187	188	1832378	40.00	ppm	0.00
112) Chrysene-d12a	9.134	240	1318017	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.491	112	18613	0.96	ppm	0.00
Spiked Amount 50.000			Recovery =	1.92%		
8) Phenol-d5	2.972	99	17169	0.73	ppm	0.00
Spiked Amount 50.000			Recovery =	1.46%		
25) Nitrobenzene-d5	3.464	82	84012	4.08	ppm	0.00
Spiked Amount 50.000			Recovery =	8.16%		
51) 2-Fluorobiphenyl	4.465	172	131207	3.76	ppm	0.00
Spiked Amount 50.000			Recovery =	7.52%		
74) 2,4,6-Tribromophenol	5.550	330	8676	1.87	ppm	0.00
Spiked Amount 50.000			Recovery =	3.74%		
87) Terphenyl-d14	7.915	244	78265	2.15	ppm	0.00
Spiked Amount 50.000			Recovery =	4.30%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
6) Indene	3.299	116	770423	24.2794	ppm	98
7) Cumene	2.737	105	20074	0.4962	ppm	99
9) Phenol	2.978	94	265146	10.7836	ppm	99
21) 3&4-Methylphenol	3.374	108	186729	10.7485	ppm	85
30) 2,4-Dimethylphenol	3.662	107	7228	0.3659	ppm	73
38) Naphthalene	3.866	128	4671360	87.6019	ppm	97
44) 2-Methylnaphthalene	4.251	141	708184	22.7555	ppm	99
45) 1-Methylnaphthalene	4.310	141	619198	19.3583	ppm	98
53) Biphenyl	4.529	154	127908	3.1989	ppm	97
56) Acenaphthylene	4.828	152	697213	14.4718	ppm	99
59) Acenaphthene	4.946	153	220936	6.7805	ppm	98
62) Dibenzofuran	5.074	168	26971	0.6303	ppm	94
66) Fluorene	5.342	166	133329	3.9500	ppm	100
78) Phenanthrene	6.208	178	164861	3.3274	ppm	99
79) Anthracene	6.256	178	61464	1.2248	ppm	97
80) Carbazole	6.433	167	15235	0.3152	ppm	97
82) Fluoranthene	7.460	202	54945	1.0803	ppm	96
86) Pyrene	7.711	202	73585	1.3782	ppm	98
89) Benzo[a]anthracene	9.123	228	13224	0.3048	ppm	95
91) Chrysene	9.161	228	6582	0.1466	ppm	93
95) Benzo[b]fluoranthene	10.338	252	6320m	0.1541	ppm	
96) Benzo[k]fluoranthene	10.364	252	2200m	0.0537	ppm	
97) Benzo[a]pyrene	10.675	252	5769	0.1588	ppm	96
98) Indeno[1,2,3-cd]pyrene	11.835	276	4238	0.0954	ppm	93
102) Benzo[g,h,i]perylene	12.140	276	4478	0.1262	ppm	96

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5380.D
Acq On : 21 Feb 2024 04:37 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,10
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 22 02:11:32 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

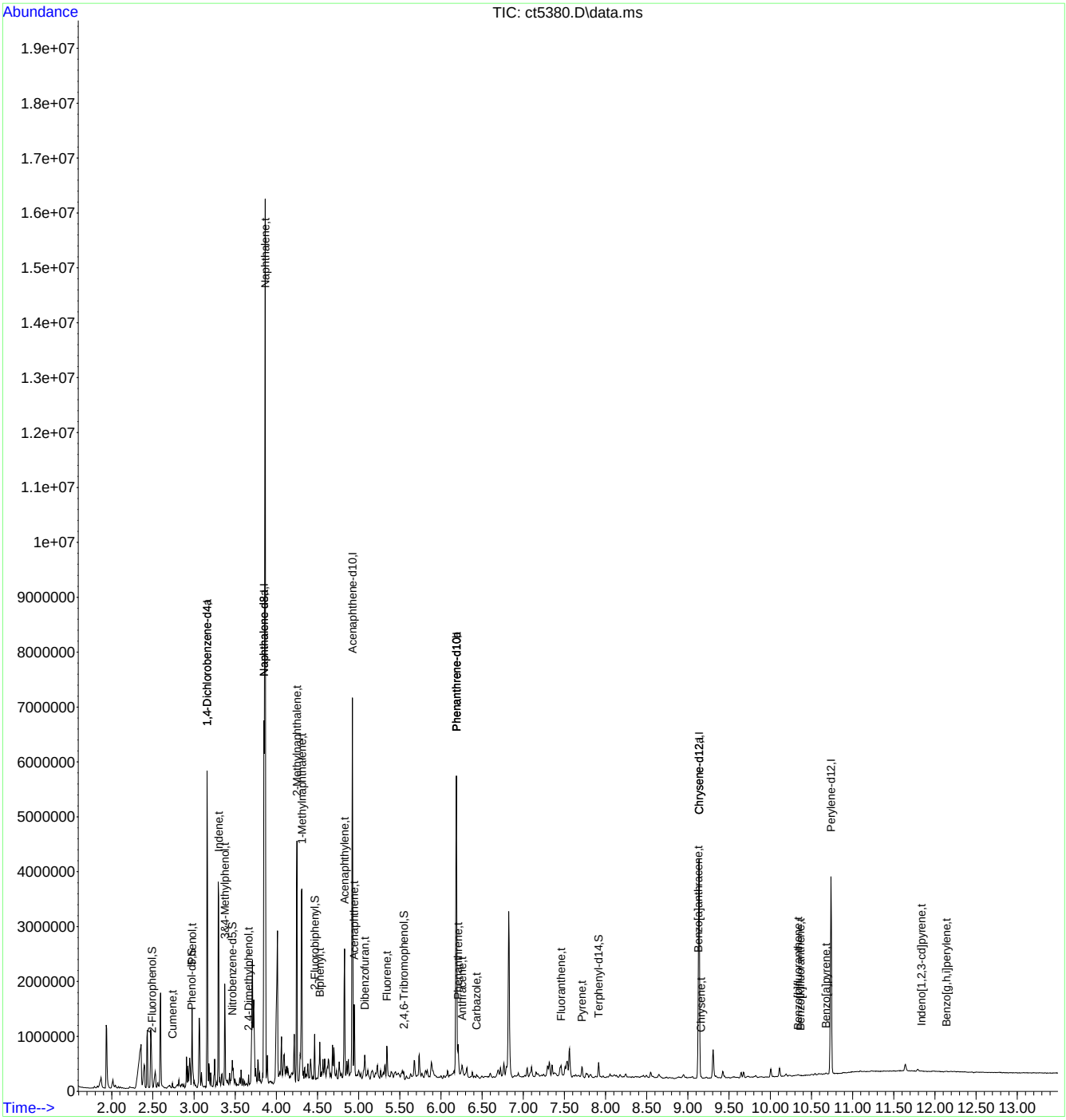
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

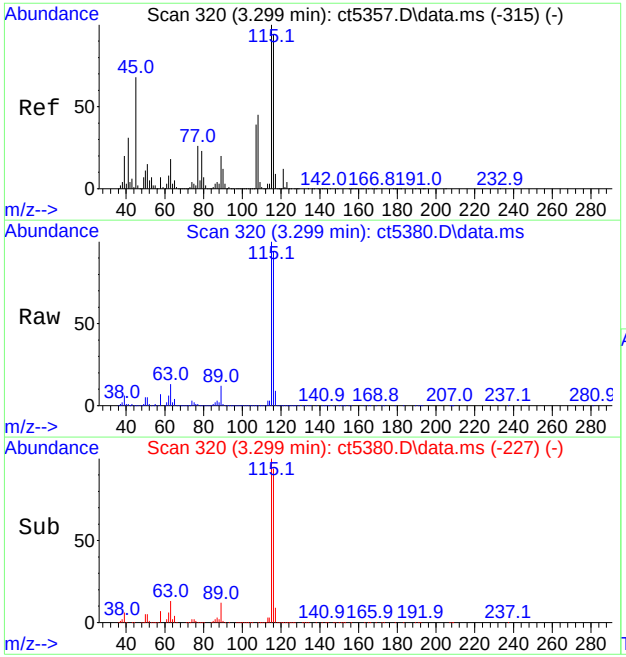
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5380.D
Acq On : 21 Feb 2024 04:37 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,10
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 22 02:11:32 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration

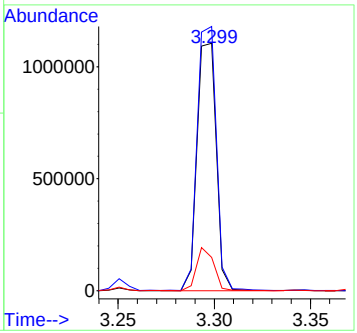


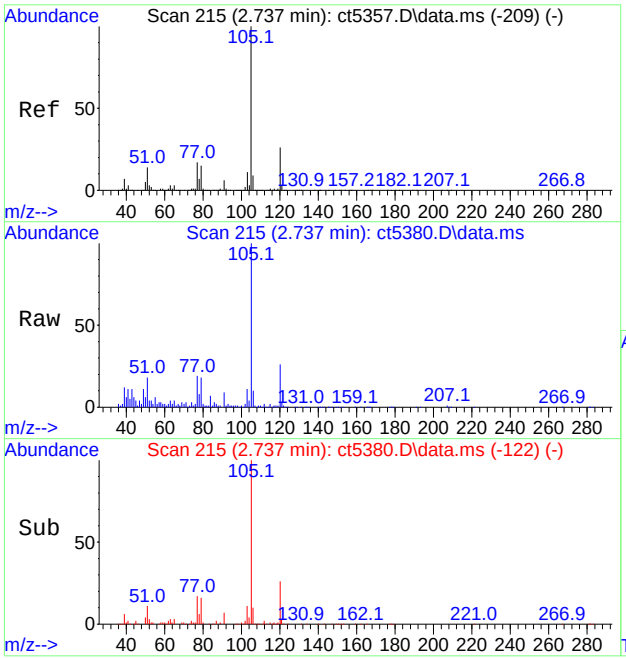


#6
Indene
Concen: 24.2794 ppm
RT: 3.299 min Scan# 320
Delta R.T. -0.000 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:116 Resp: 770423

Ion	Ratio	Lower	Upper
116	100		
115	106.7	76.2	136.2
63	13.4	0.0	49.3

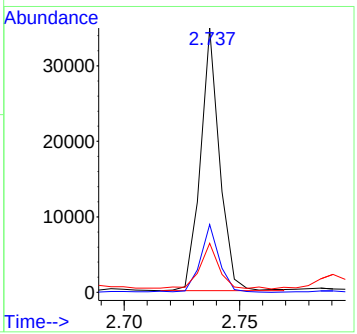


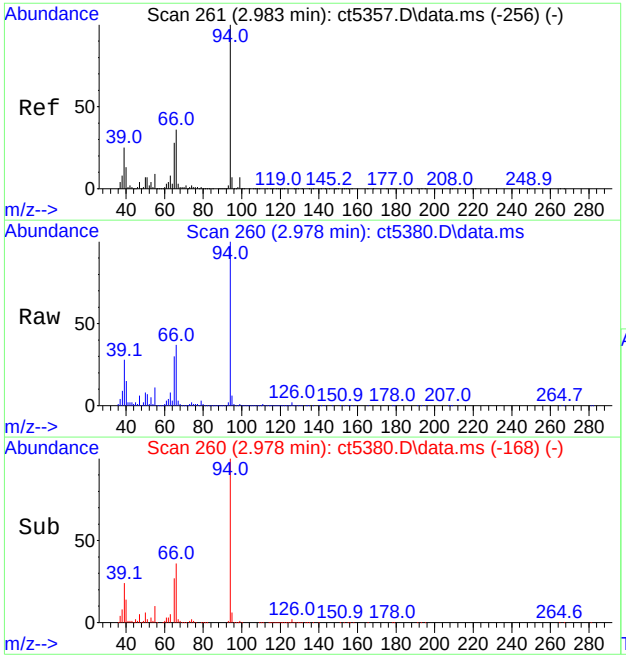


#7
Cumene
Concen: 0.4962 ppm
RT: 2.737 min Scan# 215
Delta R.T. -0.000 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:105 Resp: 20074

Ion	Ratio	Lower	Upper
105	100		
120	25.6	0.0	56.3
77	17.0	0.0	46.8

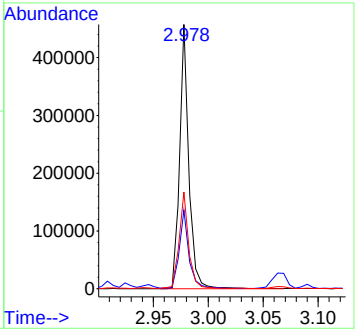


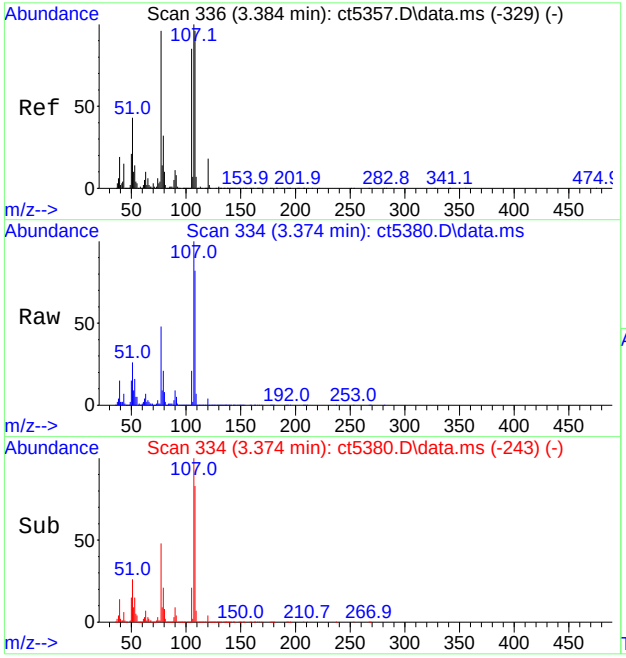


#9
Phenol
Concen: 10.7836 ppm
RT: 2.978 min Scan# 260
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion: 94 Resp: 265146

Ion	Ratio	Lower	Upper
94	100		
65	26.6	0.0	56.7
66	36.1	5.4	65.4

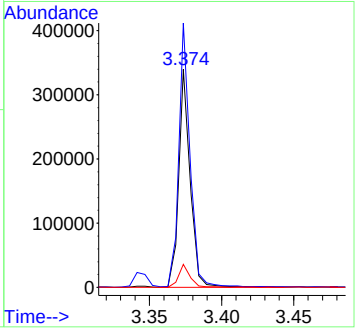


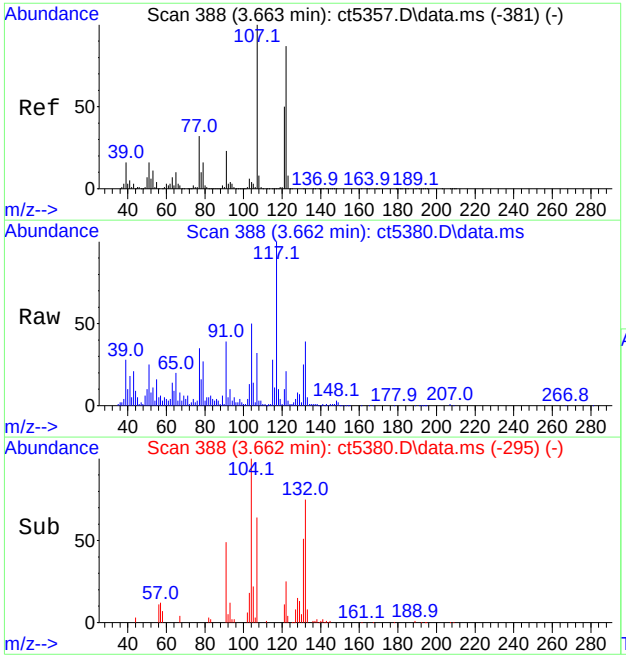


#21
3&4-Methylphenol
Concen: 10.7485 ppm
RT: 3.374 min Scan# 334
Delta R.T. -0.011 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:108 Resp: 186729

Ion	Ratio	Lower	Upper
108	100		
107	121.1	74.0	134.0
90	10.6	0.0	41.7

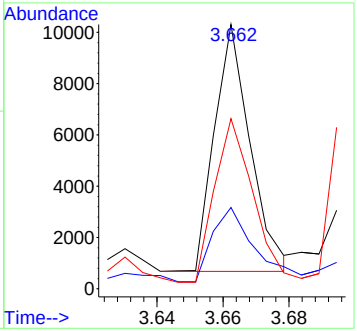


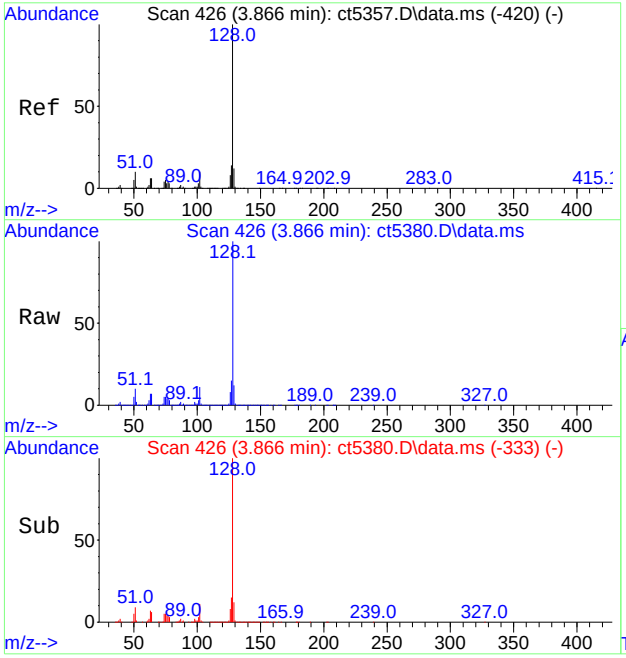


#30
2,4-Dimethylphenol
Concen: 0.3659 ppm
RT: 3.662 min Scan# 388
Delta R.T. -0.000 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:107 Resp: 7228

Ion	Ratio	Lower	Upper
107	100		
121	26.6	19.6	79.6
122	65.6	56.8	116.8

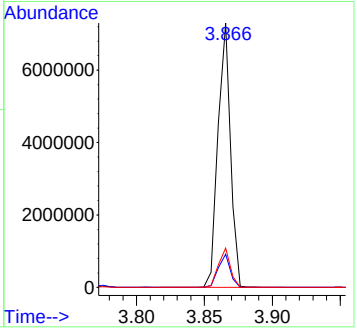


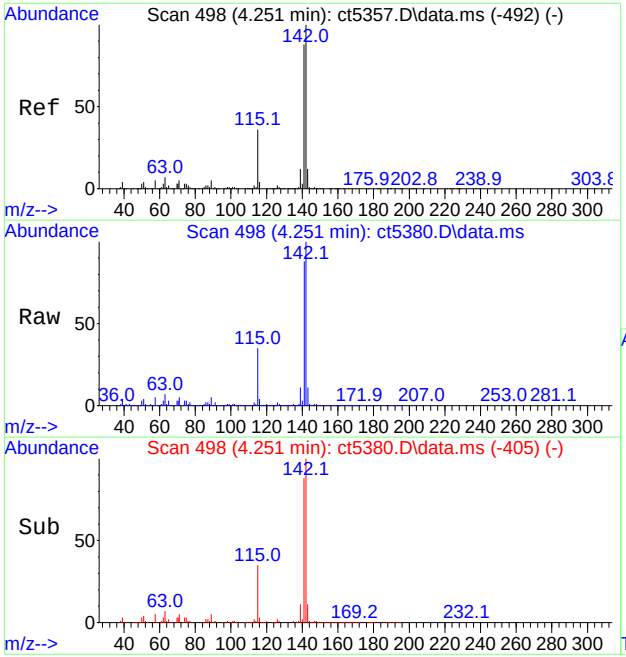


#38
Naphthalene
Concen: 87.6019 ppm
RT: 3.866 min Scan# 426
Delta R.T. -0.000 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:128 Resp: 4671360

Ion	Ratio	Lower	Upper
128	100		
129	12.5	0.0	41.6
127	14.9	0.0	43.7

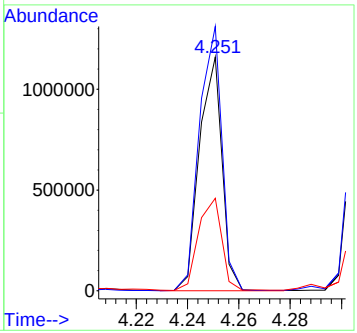


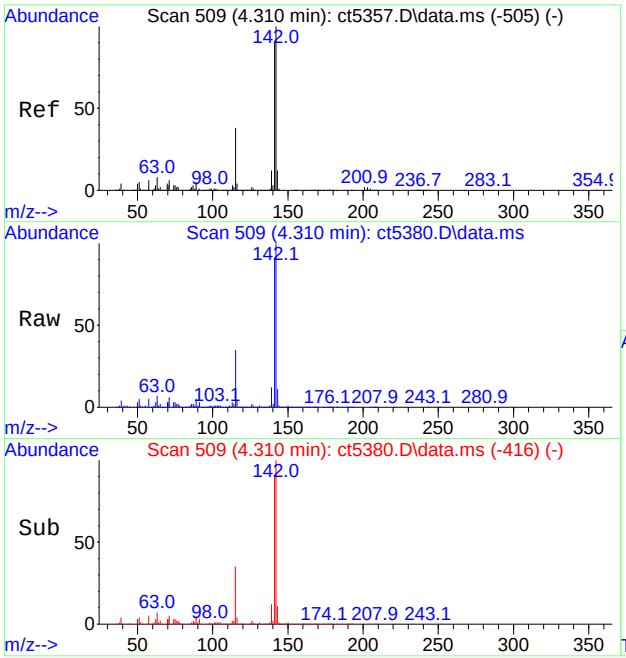


#44
2-Methylnaphthalene
Concen: 22.7555 ppm
RT: 4.251 min Scan# 498
Delta R.T. -0.000 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:141 Resp: 708184

Ion	Ratio	Lower	Upper
141	100		
142	113.2	83.9	143.9
115	39.3	10.8	70.8

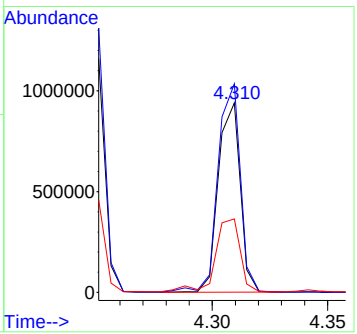


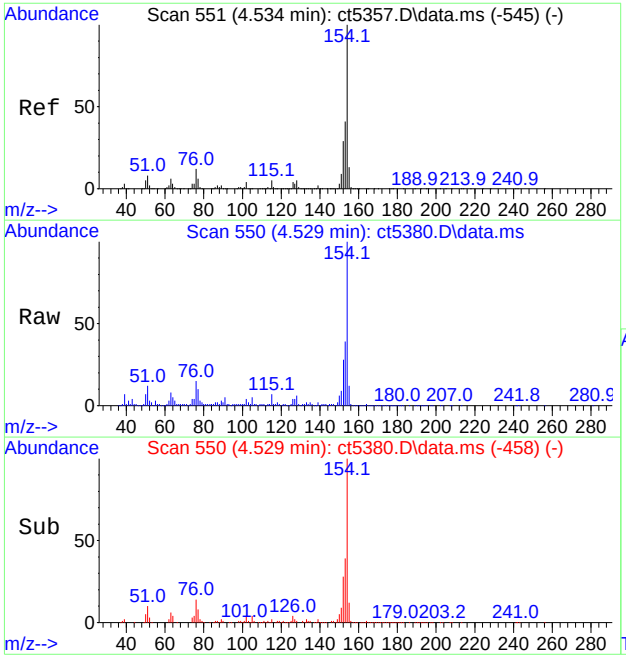


#45
1-Methylnaphthalene
Concen: 19.3583 ppm
RT: 4.310 min Scan# 509
Delta R.T. -0.000 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:141 Resp: 619198

Ion	Ratio	Lower	Upper
141	100		
142	110.1	80.7	140.7
115	38.6	11.8	71.8

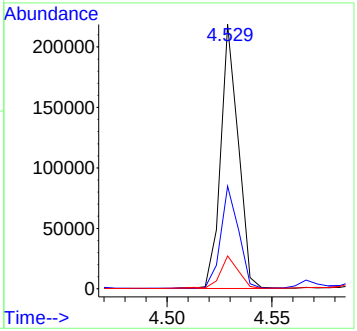


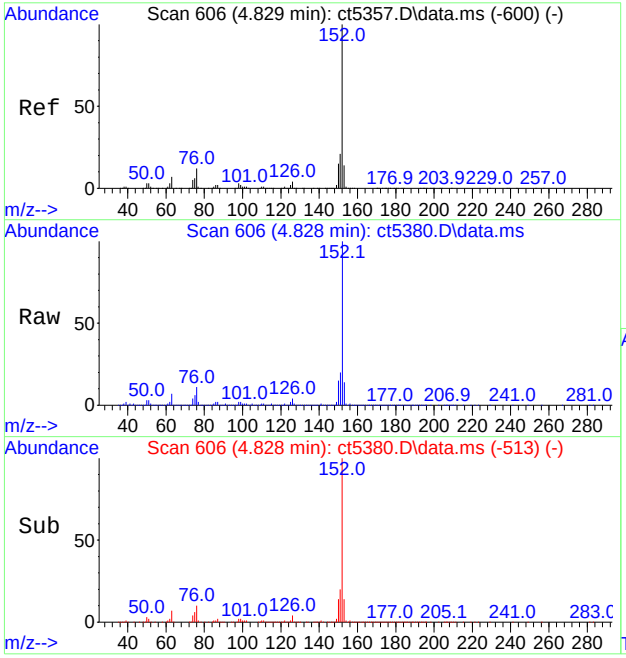


#53
Biphenyl
Concen: 3.1989 ppm
RT: 4.529 min Scan# 550
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:154 Resp: 127908

Ion	Ratio	Lower	Upper
154	100		
153	38.6	10.7	70.7
155	12.2	0.0	43.2

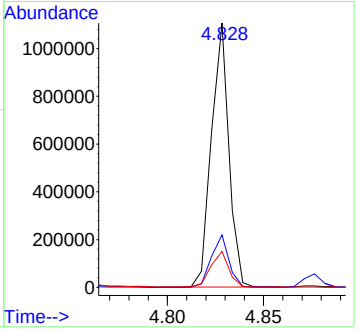


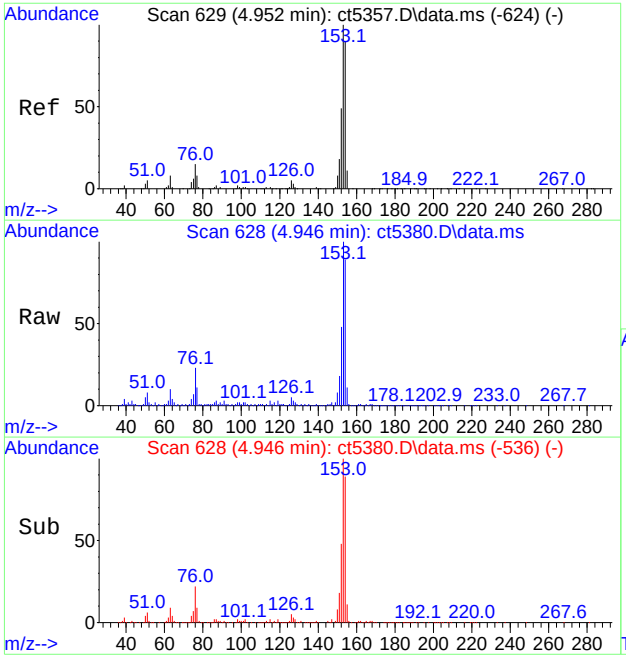


#56
Acenaphthylene
Concen: 14.4718 ppm
RT: 4.828 min Scan# 606
Delta R.T. -0.000 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:152 Resp: 697213

Ion	Ratio	Lower	Upper
152	100		
151	19.9	0.0	50.5
153	13.5	0.0	43.9

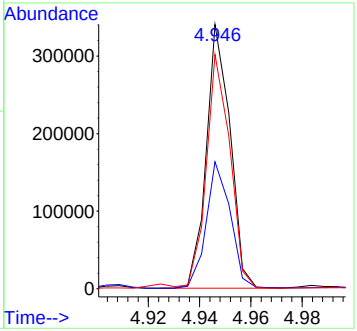


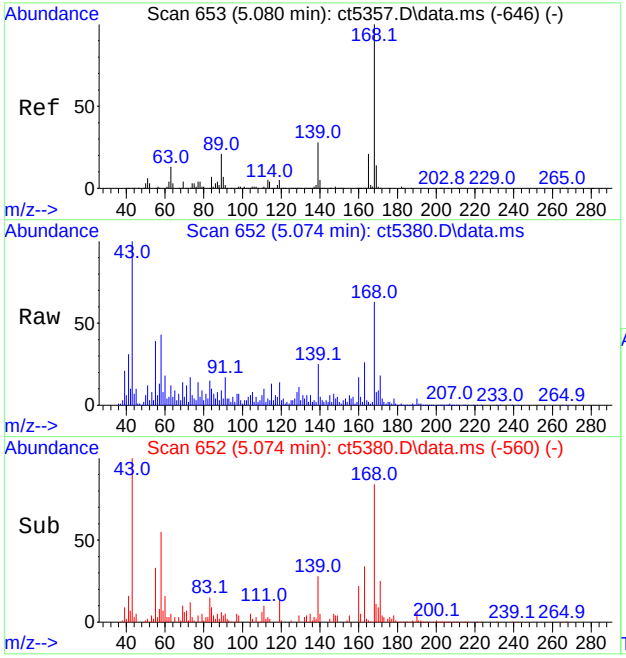


#59
Acenaphthene
Concen: 6.7805 ppm
RT: 4.946 min Scan# 628
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:153 Resp: 220936

Ion	Ratio	Lower	Upper
153	100		
152	47.9	18.5	78.5
154	87.9	60.0	120.0

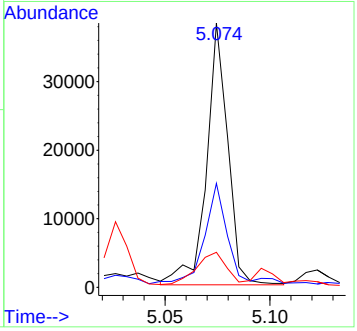


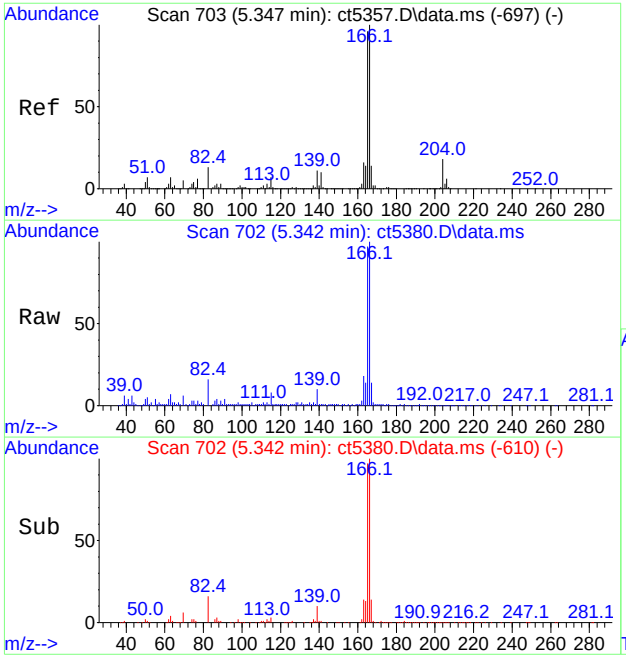


#62
Dibenzofuran
Concen: 0.6303 ppm
RT: 5.074 min Scan# 652
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:168 Resp: 26971

Ion	Ratio	Lower	Upper
168	100		
139	38.1	4.3	64.3
169	12.0	0.0	43.6

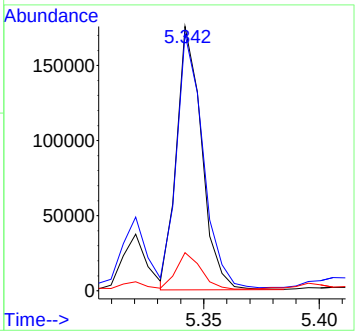


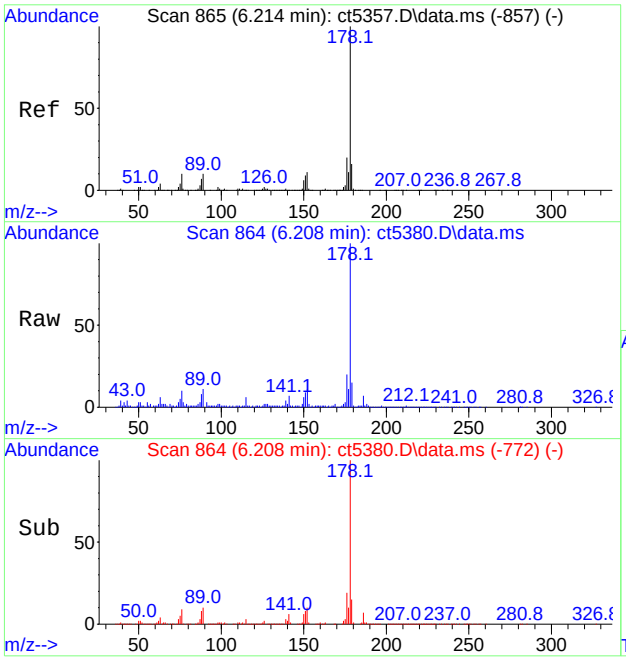


#66
Fluorene
Concen: 3.9500 ppm
RT: 5.342 min Scan# 702
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:166 Resp: 133329

Ion	Ratio	Lower	Upper
166	100		
165	96.2	66.0	126.0
167	13.7	0.0	43.6

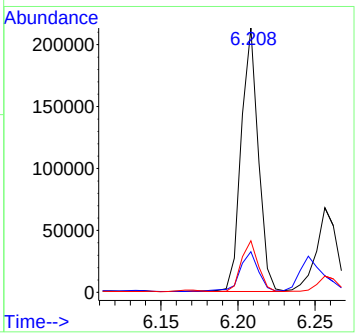


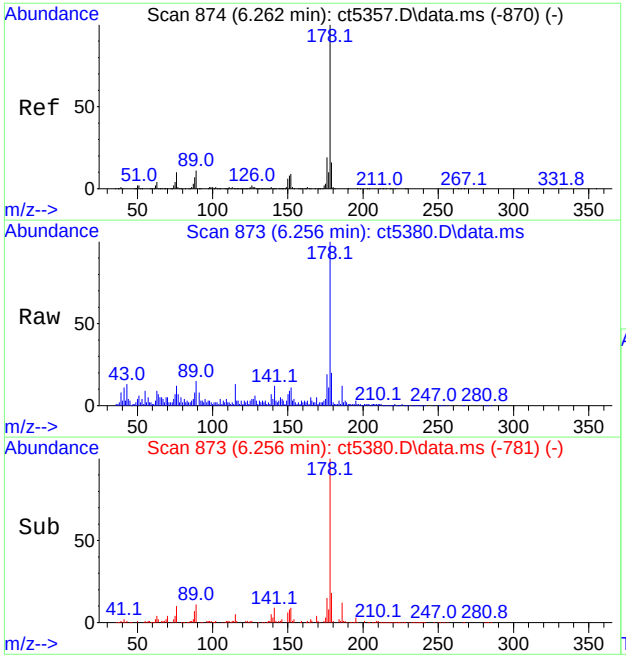


#78
Phenanthrene
Concen: 3.3274 ppm
RT: 6.208 min Scan# 864
Delta R.T. -0.005 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:178 Resp: 164861

Ion	Ratio	Lower	Upper
178	100		
179	14.9	0.0	45.6
176	19.3	0.0	49.7

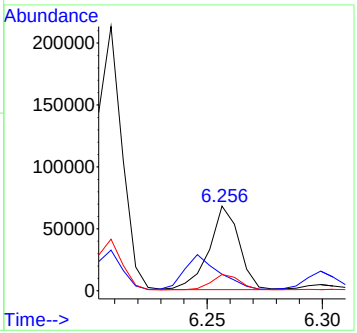


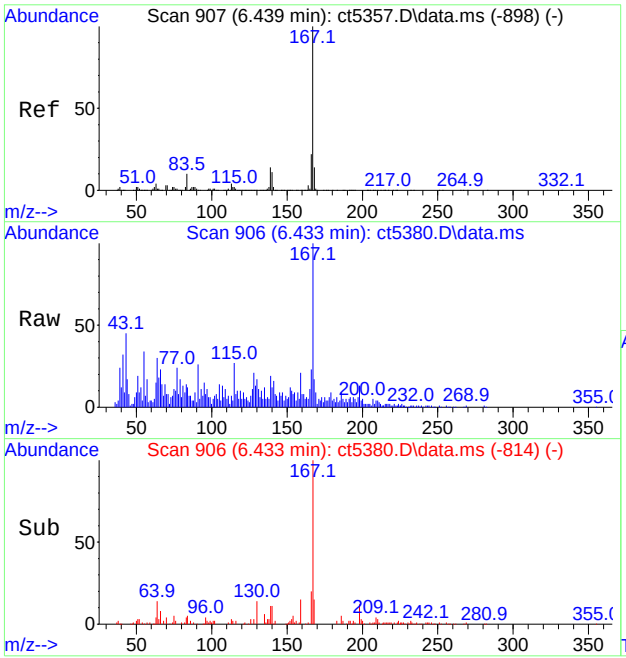


#79
Anthracene
Concen: 1.2248 ppm
RT: 6.256 min Scan# 873
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:178 Resp: 61464

Ion	Ratio	Lower	Upper
178	100		
179	17.7	0.0	45.7
176	18.6	0.0	49.2

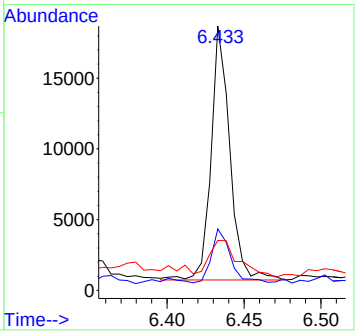


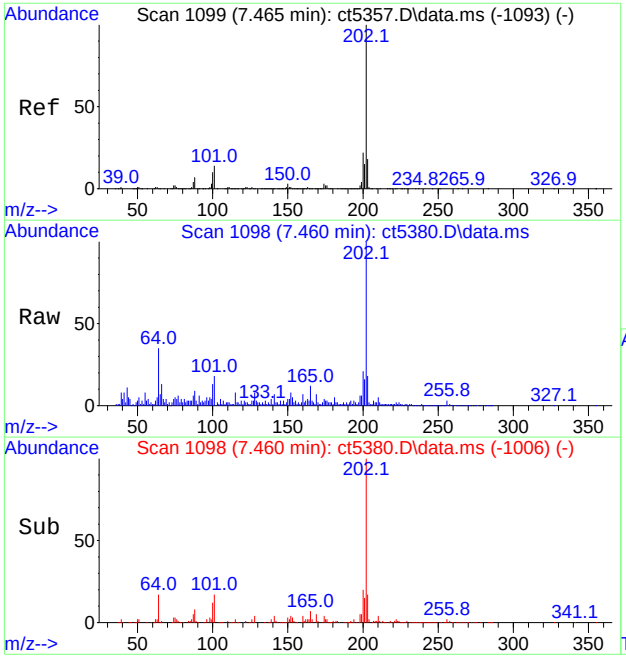


#80
Carbazole
Concen: 0.3152 ppm
RT: 6.433 min Scan# 906
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:167 Resp: 15235

Ion	Ratio	Lower	Upper
167	100		
166	20.2	0.0	51.8
139	12.7	0.0	44.2

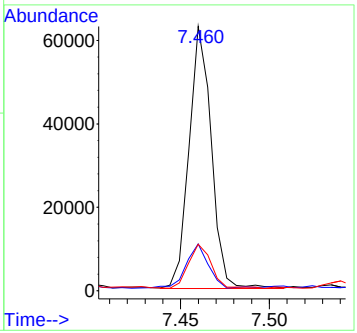


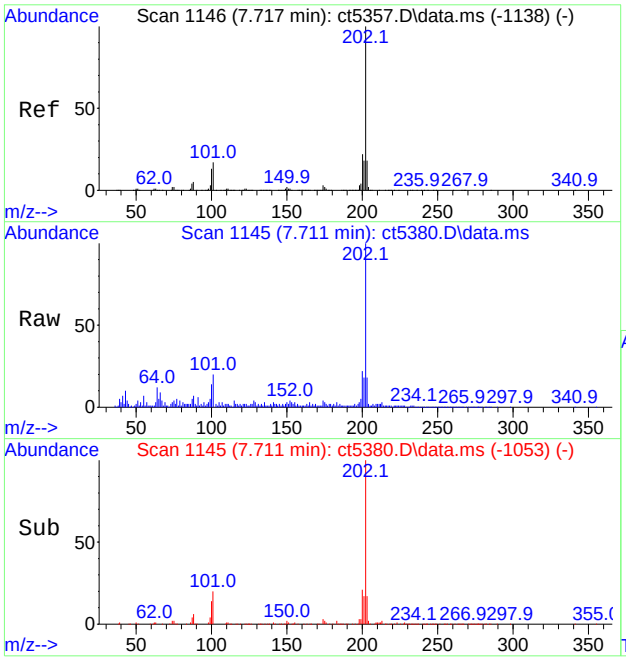


#82
Fluoranthene
Concen: 1.0803 ppm
RT: 7.460 min Scan# 1098
Delta R.T. -0.005 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:202 Resp: 54945

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	43.6
203	16.6	0.0	47.7

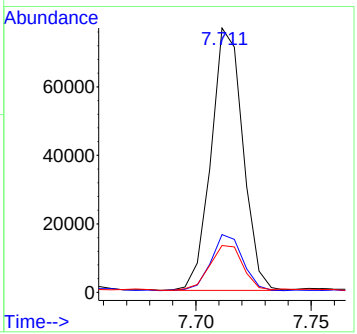


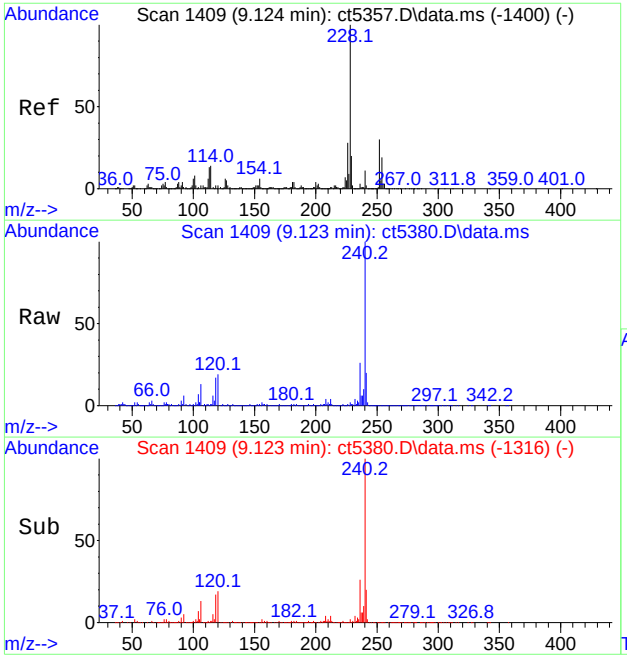


#86
Pyrene
Concen: 1.3782 ppm
RT: 7.711 min Scan# 1145
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:202 Resp: 73585

Ion	Ratio	Lower	Upper
202	100		
200	21.4	0.0	51.8
203	16.9	0.0	48.0

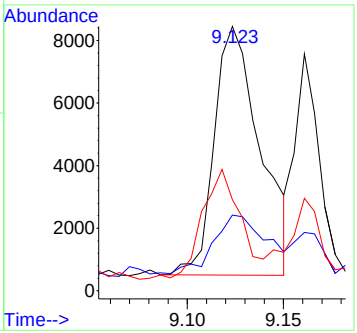


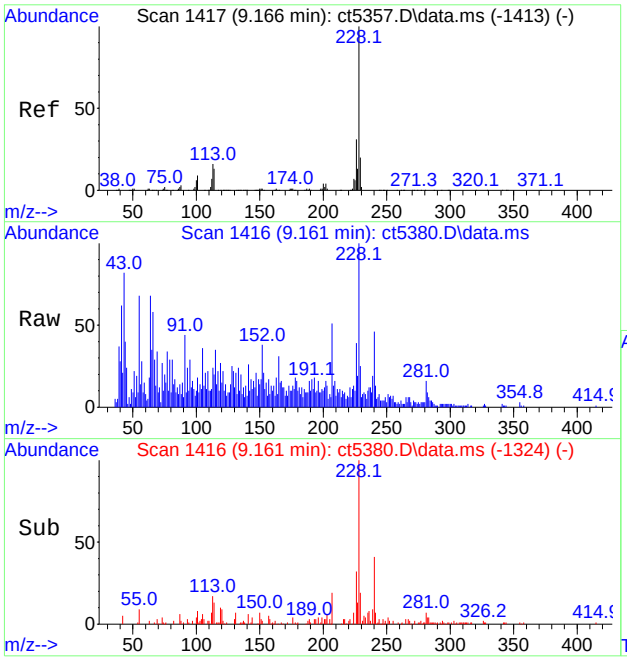


#89
Benzo[a]anthracene
Concen: 0.3048 ppm
RT: 9.123 min Scan# 1409
Delta R.T. -0.000 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:228 Resp: 13224

Ion	Ratio	Lower	Upper
228	100		
229	22.7	0.0	50.5
226	30.7	0.0	58.1

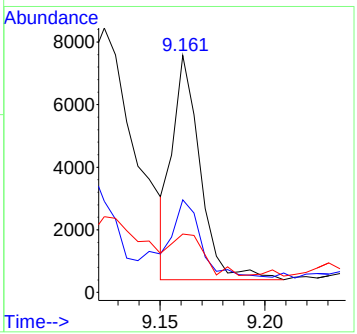


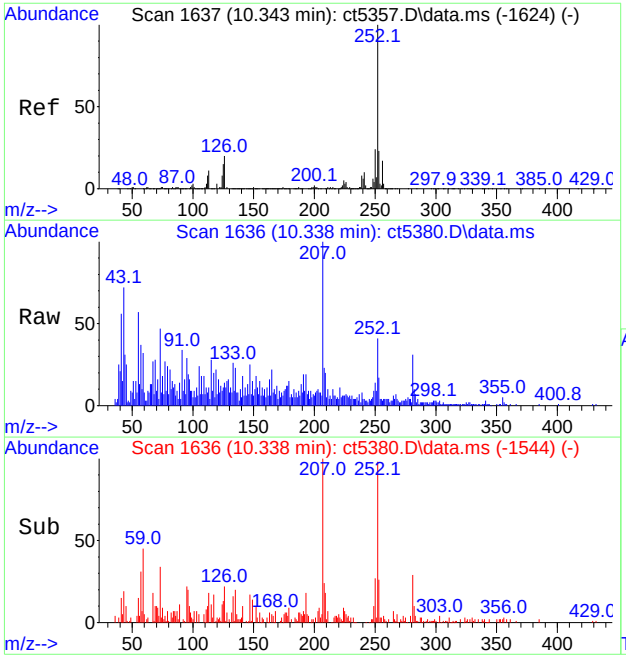


#91
Chrysene
Concen: 0.1466 ppm
RT: 9.161 min Scan# 1416
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:228 Resp: 6582

Ion	Ratio	Lower	Upper
228	100		
226	34.9	1.1	61.1
229	16.8	0.0	50.3

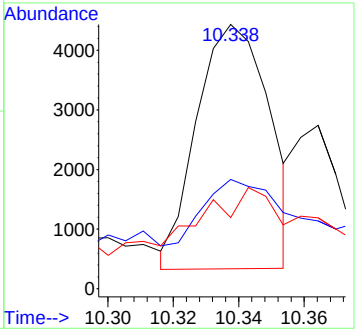


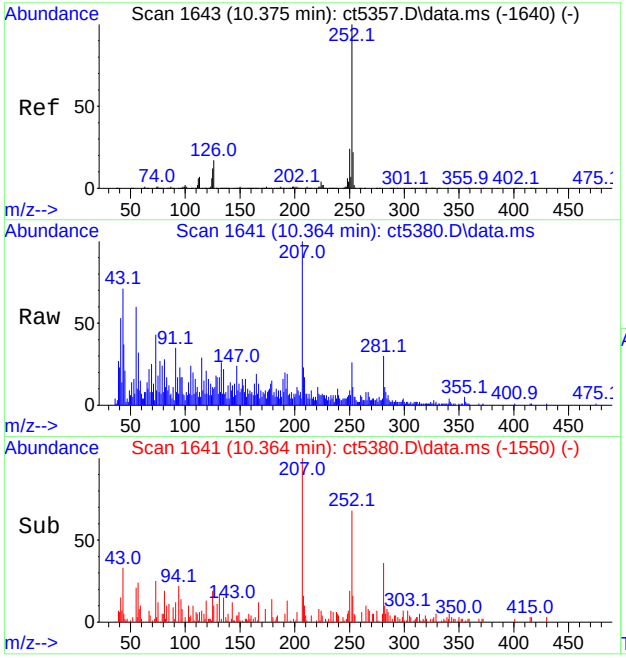


#95
Benzo[b]fluoranthene
Concen: 0.1541 ppm m
RT: 10.338 min Scan# 1636
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:252 Resp: 6320

Ion	Ratio	Lower	Upper
252	100		
253	41.4	0.0	53.0
125	27.0	0.0	44.7

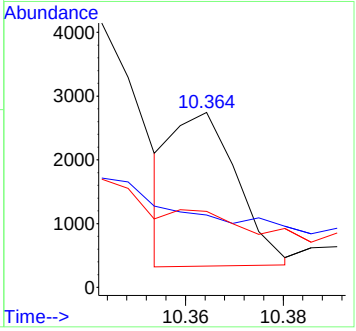


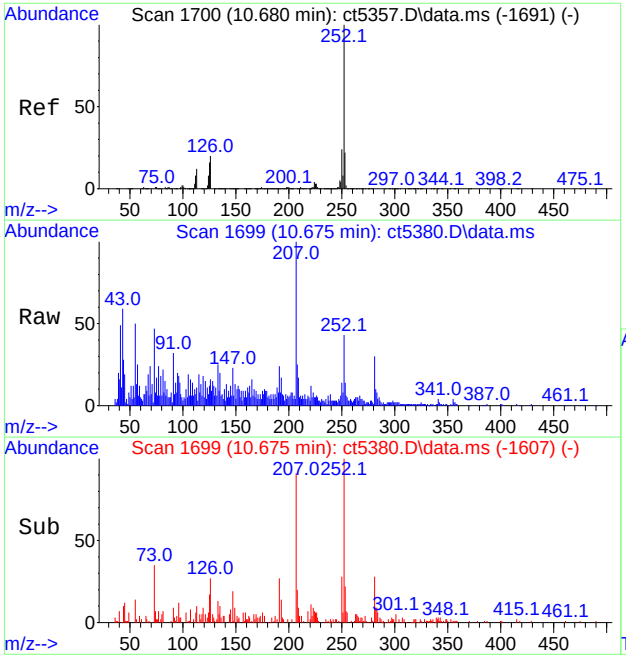


#96
Benzo[k]fluoranthene
Concen: 0.0537 ppm m
RT: 10.364 min Scan# 1641
Delta R.T. -0.011 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:252 Resp: 2200

Ion	Ratio	Lower	Upper
252	100		
253	41.5	0.0	52.4
125	43.5	0.0	42.3#

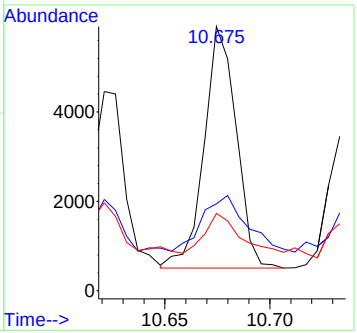


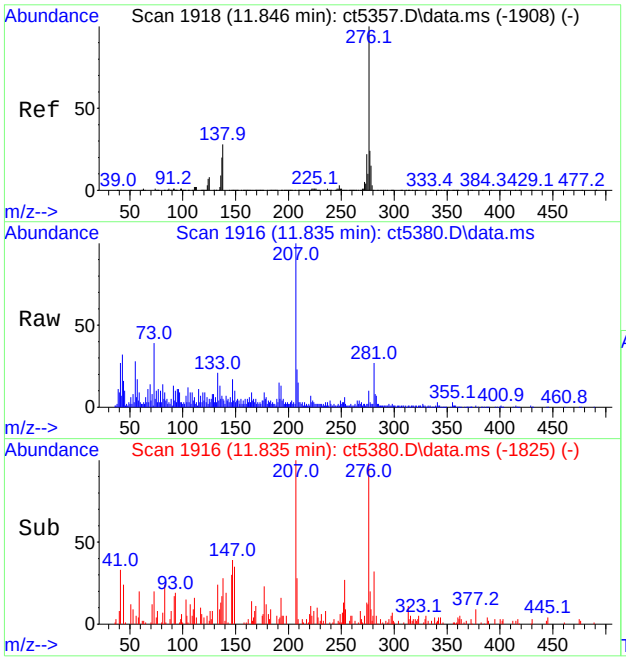


#97
Benzo[a]pyrene
Concen: 0.1588 ppm
RT: 10.675 min Scan# 1699
Delta R.T. -0.006 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:252 Resp: 5769

Ion	Ratio	Lower	Upper
252	100		
253	18.6	0.0	51.8
125	15.1	0.0	45.6

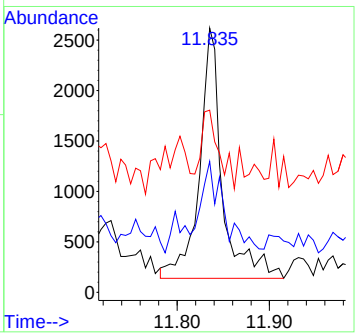


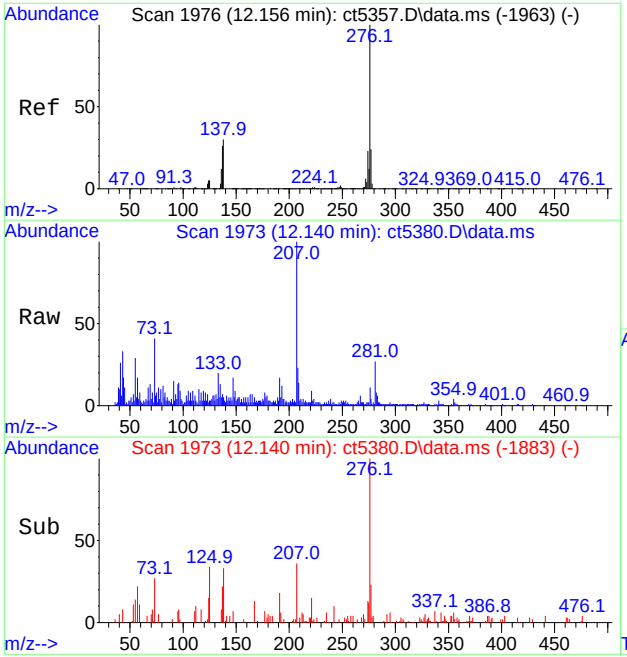


#98
Indeno[1,2,3-cd]pyrene
Concen: 0.0954 ppm
RT: 11.835 min Scan# 1916
Delta R.T. -0.011 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:276 Resp: 4238

Ion	Ratio	Lower	Upper
276	100		
138	32.7	0.0	58.3
137	21.6	0.0	49.5

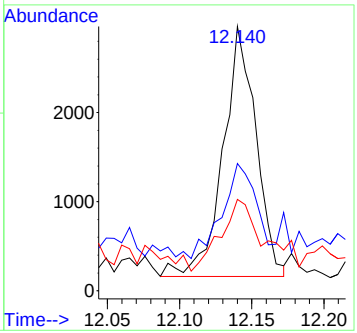




#102
Benzo[g,h,i]perylene
Concen: 0.1262 ppm
RT: 12.140 min Scan# 1973
Delta R.T. -0.016 min
Lab File: ct5380.D
Acq: 21 Feb 2024 04:37 pm

Tgt Ion:276 Resp: 4478

Ion	Ratio	Lower	Upper
276	100		
138	28.0	0.5	60.5
277	22.7	0.0	54.0



Manual Integration Approval Summary

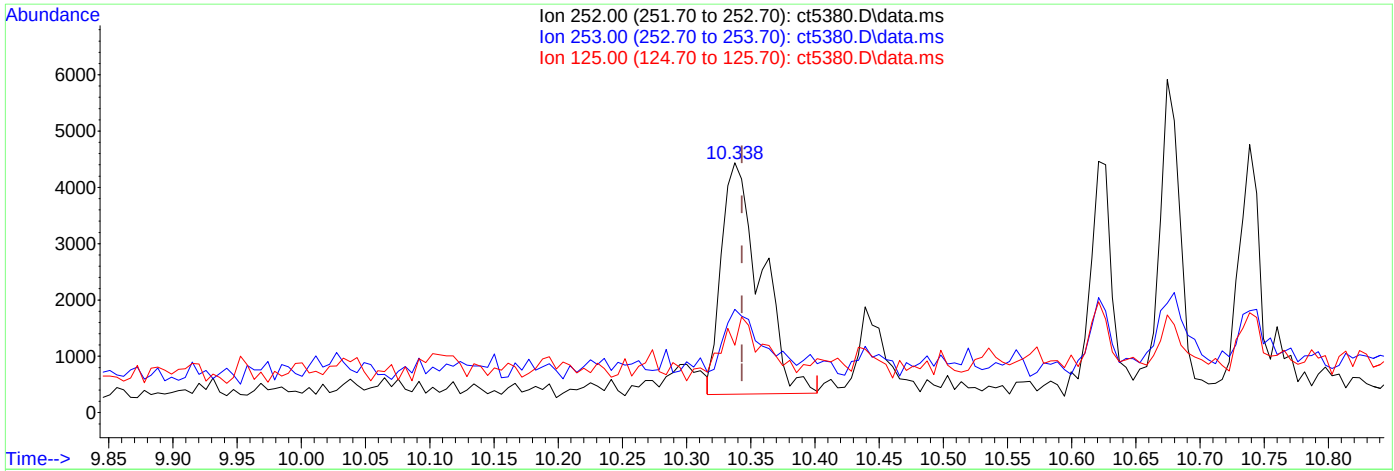
Sample Number: JD82517-10
Lab FileID: CT5380.D
Injection Time: 02/21/24 16:37
Method: SW846 8270E
Analyst approved: 02/21/24 22:53 Jezreel Oblin
Supervisor approved: 02/22/24 04:14 Jeryll Fabriene Reyes

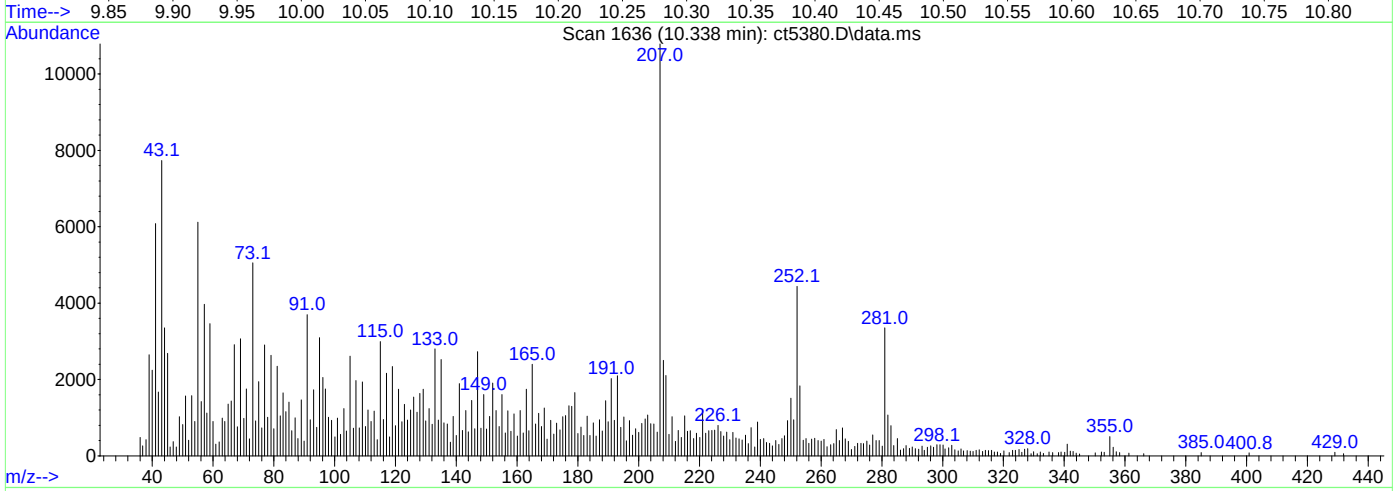
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzo(b)fluoranthene	205-99-2		10.34	Poor instrument integration
Benzo(k)fluoranthene	207-08-9		10.36	Poor instrument integration

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5380.D
Acq On : 21 Feb 2024 04:37 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,10
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 22 01:10:33 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration





TIC: ct5380.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.338min (-0.006) 0.21ppm

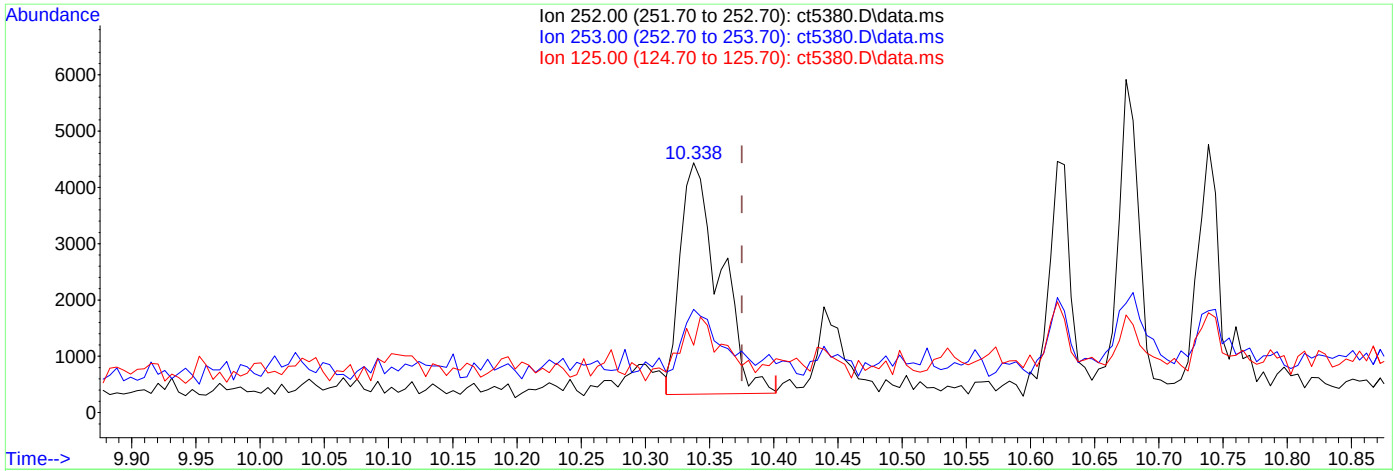
response 8773

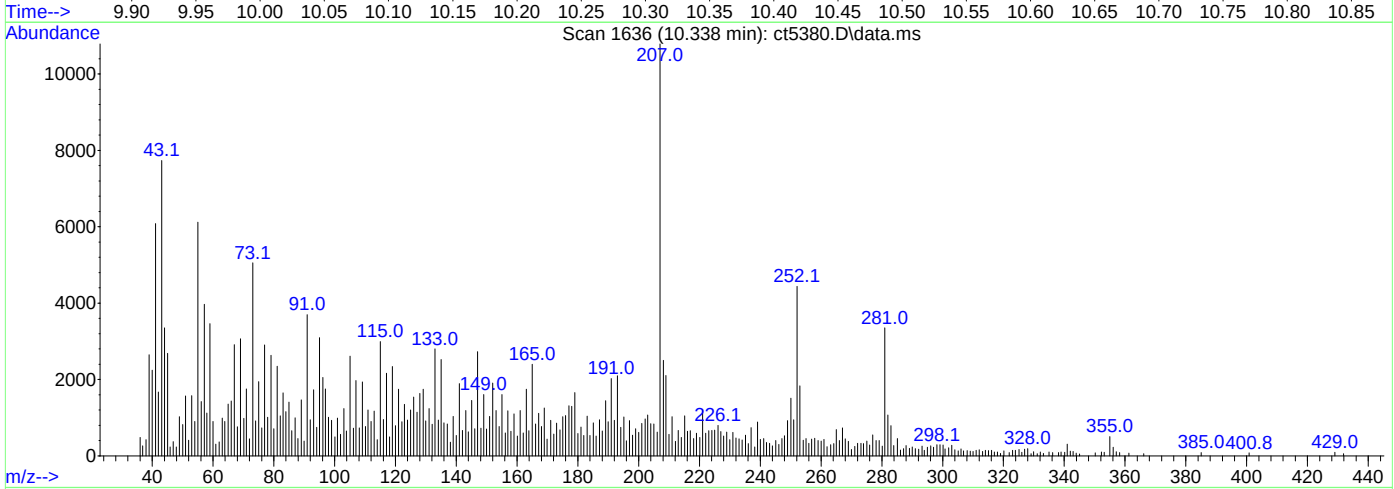
Ion	Exp%	Act%
252.00	100	100
253.00	23.00	26.50
125.00	14.70	9.13
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ect272\
Data File : ct5380.D
Acq On : 21 Feb 2024 04:37 pm
Operator : karimam
Sample : jd82517-10 Inst : GCMS_CT
Misc : op52499,ect272,1000,,,1,10
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 22 01:10:33 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Thu Feb 22 01:08:03 2024
Response via : Initial Calibration





TIC: ct5380.D\data.ms

(96) Benzo[k]fluoranthene (t)

10.338min (-0.038) 0.21ppm

response 8773

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	26.50
125.00	12.30	9.13
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219061.D
Acq On : 20 Feb 2024 11:22 am
Operator : karimam
Sample : op52499-mb1 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 20 17:52:15 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:45:33 2024
Response via : Initial Calibration

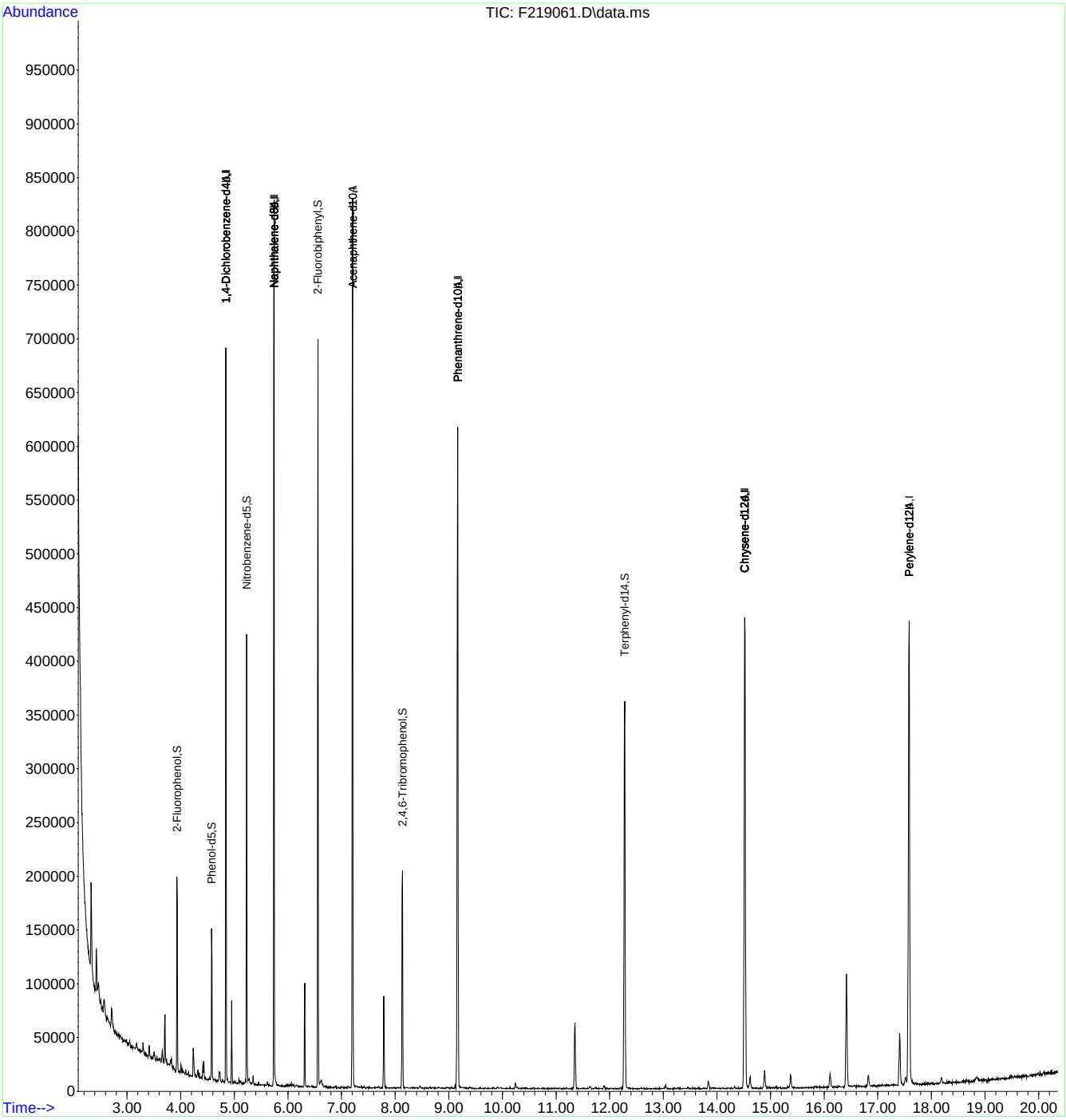
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.844	152	78883	40.00	ppm	0.00
24) Naphthalene-d8	5.741	136	303791	40.00	ppm	0.00
46) Acenaphthene-d10	7.205	164	174736	40.00	ppm	0.00
69) Phenanthrene-d10	9.166	188	307802	40.00	ppm	0.00
83) Chrysene-d12	14.519	240	244707	40.00	ppm	-0.01
92) Perylene-d12	17.585	264	248175	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.844	152	78883	40.00	ppm	0.00
112) Naphthalene-d8A	5.741	136	303791	40.00	ppm	0.00
121) Acenaphthene-d10A	7.205	164	174736	40.00	ppm	0.00
132) Phenanthrene-d10A	9.166	188	307802	40.00	ppm	0.00
147) Chrysene-d12A	14.519	240	244707	40.00	ppm	-0.01
154) Perylene-d12A	17.585	264	248175	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.844	152	78883	40.00	ppm	0.00
159) Phenanthrene-d10b	9.166	188	307802	40.00	ppm	0.00
161) Naphthalene-d8b	5.741	136	303791	40.00	ppm	0.00
163) Naphthalene-d8c	5.741	136	303791	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.844	152	78883	40.00	ppm	0.00
169) Chrysene-d12c	14.519	240	244707	40.00	ppm	-0.01
171) Chrysene-d12d	14.519	240	244707	40.00	ppm	-0.01
173) Naphthalene-d8d	5.741	136	303791	40.00	ppm	0.00
175) Chrysene-d12e	14.519	240	244707	40.00	ppm	-0.01
177) Perylene-d12b	17.585	264	248175	40.00	ppm	0.00
179) Naphthalene-d8e	5.741	136	303791	40.00	ppm	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.930	112	40049	18.44	ppm	0.00
Spiked Amount 50.000			Recovery = 36.88%			
8) Phenol-d5	4.577	99	33251	13.06	ppm	0.00
Spiked Amount 50.000			Recovery = 26.12%			
25) Nitrobenzene-d5	5.228	82	93767	42.09	ppm	0.00
Spiked Amount 50.000			Recovery = 84.18%			
51) 2-Fluorobiphenyl	6.559	172	175661	30.06	ppm	0.00
Spiked Amount 50.000			Recovery = 60.12%			
73) 2,4,6-Tribromophenol	8.135	330	21962	24.25	ppm	0.00
Spiked Amount 50.000			Recovery = 48.50%			
86) Terphenyl-d14	12.280	244	177978	30.29	ppm	0.00
Spiked Amount 50.000			Recovery = 60.58%			
Target Compounds						Qvalue

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

Quantitation Report (QT/LSC Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219061.D
Acq On : 20 Feb 2024 11:22 am
Operator : karimam
Sample : op52499-mb1 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 20 17:52:15 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:45:33 2024
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Jeryll Fabriene Reyes 02/22/24 04:15

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219062ab.D
Acq On : 20 Feb 2024 11:57 am
Operator : karimam
Sample : op52499-bs1 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 20 20:29:12 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 20:22:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.844	152	78843	40.00	ppm	0.00
24) Naphthalene-d8	5.741	136	298443	40.00	ppm	0.00
46) Acenaphthene-d10	7.205	164	175064	40.00	ppm	0.00
69) Phenanthrene-d10	9.171	188	301170	40.00	ppm	0.00
83) Chrysene-d12	14.529	240	242564	40.00	ppm	0.00
92) Perylene-d12	17.590	264	241498	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.844	152	78843	40.00	ppm	0.00
112) Naphthalene-d8A	5.741	136	298443	40.00	ppm	0.00
121) Acenaphthene-d10A	7.205	164	175064	40.00	ppm	0.00
132) Phenanthrene-d10A	9.171	188	301170	40.00	ppm	0.00
147) Chrysene-d12A	14.529	240	242564	40.00	ppm	0.00
154) Perylene-d12A	17.590	264	241498	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.844	152	78843	40.00	ppm	0.00
159) Phenanthrene-d10b	9.171	188	301170	40.00	ppm	0.00
161) Naphthalene-d8b	5.741	136	298443	40.00	ppm	0.00
163) Naphthalene-d8c	5.741	136	298443	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.844	152	78843	40.00	ppm	0.00
169) Chrysene-d12c	14.529	240	242564	40.00	ppm	0.00
171) Chrysene-d12d	14.529	240	242564	40.00	ppm	0.00
173) Naphthalene-d8d	5.741	136	298443	40.00	ppm	0.00
175) Chrysene-d12e	14.529	240	242564	40.00	ppm	0.00
177) Perylene-d12b	17.590	264	241498	40.00	ppm	0.00
179) Naphthalene-d8e	5.741	136	298443	40.00	ppm	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.935	112	28040	12.92	ppm	0.00
Spiked Amount 50.000			Recovery = 25.84%			
8) Phenol-d5	4.582	99	24888	9.78	ppm	0.00
Spiked Amount 50.000			Recovery = 19.56%			
25) Nitrobenzene-d5	5.234	82	56547	25.84	ppm	0.00
Spiked Amount 50.000			Recovery = 51.68%			
51) 2-Fluorobiphenyl	6.558	172	103742	17.72	ppm	0.00
Spiked Amount 50.000			Recovery = 35.44%			
73) 2,4,6-Tribromophenol	8.140	330	18298	20.65	ppm	0.00
Spiked Amount 50.000			Recovery = 41.30%			
86) Terphenyl-d14	12.280	244	147539	25.33	ppm	0.00
Spiked Amount 50.000			Recovery = 50.66%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.739	88	10290	10.6457	ppm	91
3) Pyridine	3.000	79	15152	6.3166	ppm	96
4) N-Nitrosodimethylamine	2.963	42	19639	25.8050	ppm	90
6) Indene	5.025	116	79161	19.6965	ppm	98
7) Cumene	4.288	105	85352	16.8611	ppm	98
9) Phenol	4.587	94	28528	10.2346	ppm	96
10) Aniline	4.614	93	38490	11.1794	ppm	98
11) bis(2-Chloroethyl)ether	4.651	93	54153	25.3399	ppm	100
12) 2-Chlorophenol	4.699	128	50709	20.7926	ppm	98
13) Decane	4.715	43	56910	27.4982	ppm	99
14) 1,3-Dichlorobenzene	4.801	146	49371	17.2617	ppm	99
15) 1,4-Dichlorobenzene	4.854	146	50705	17.0911	ppm	98
16) Benzyl alcohol	4.934	108	28510	19.1831	ppm	92
17) 1,2-Dichlorobenzene	4.961	146	49858	17.8833	ppm	98
18) Acetophenone	5.121	105	76974	22.8158	ppm	92
19) 2-Methylphenol	5.009	108	38183	17.6962	ppm	95
20) 2,2'-oxybis(1-Chloropr...	5.025	121	17664	27.4170	ppm	92
21) 3&4-Methylphenol	5.116	108	75838	33.9302	ppm	94

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219062ab.D
Acq On : 20 Feb 2024 11:57 am
Operator : karimam
Sample : op52499-bs1 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 20 20:29:12 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 20:22:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
22) n-Nitroso-di-n-propyla...	5.116	70	39183	24.6831	ppm	99
23) Hexachloroethane	5.201	201	16412	16.6822	ppm	99
26) Nitrobenzene	5.244	77	61144	27.1681	ppm	94
27) Quinoline	6.003	129	113652	24.8192	ppm	99
28) Isophorone	5.410	82	112719	27.3600	ppm	99
29) 2-Nitrophenol	5.469	139	32413	31.3110	ppm	95
30) 2,4-Dimethylphenol	5.490	107	53036	23.0877	ppm	98
31) Benzoic acid	5.543	105	20656	18.3022	ppm	95
32) bis(2-Chloroethoxy)met...	5.554	93	66680	25.0151	ppm	99
33) 2,4-Dichlorophenol	5.640	162	47621	24.1473	ppm	99
34) 2,6-Dichlorophenol	5.794	162	48325	24.2376	ppm	97
35) 1,3,5-Trichlorobenzene	5.474	180	41547	16.9783	ppm	98
36) 1,2,4-Trichlorobenzene	5.693	180	42308	18.1988	ppm	99
37) 1,2,3-Trichlorobenzene	5.853	180	42333	18.6873	ppm	99
38) Naphthalene	5.757	128	145742	19.4806	ppm	99
39) 4-Chloroaniline	5.789	127	41359	13.8721	ppm	94
40) 2,3-Dichloroaniline	6.494	161	60915	25.5536	ppm	95
42) Hexachlorobutadiene	5.832	225	22011	16.8362	ppm	99
43) 4-Chloro-3-methylphenol	6.142	107	50575	28.0338	ppm	98
44) 2-Methylnaphthalene	6.265	141	82475	19.1971	ppm	97
45) 1-Methylnaphthalene	6.345	142	90283	20.1337	ppm	97
47) Hexachlorocyclopentadiene	6.382	237	37992	34.6502	ppm	97
48) 1,2,4,5-tetrachloroben...	6.393	216	42060	16.8208	ppm	97
49) 2,4,6-Trichlorophenol	6.494	196	38267	25.9876	ppm	99
50) 2,4,5-Trichlorophenol	6.526	196	45508	27.8046	ppm	97
52) 2-Chloronaphthalene	6.671	162	94206	18.9089	ppm	99
53) Biphenyl	6.649	154	123452	19.1265	ppm	97
54) 2-Nitroaniline	6.767	65	40411	40.1927	ppm	99
55) Dimethylphthalate	6.927	163	151006	27.7457	ppm	99
56) Acenaphthylene	7.066	152	161238	26.1431	ppm	98
57) 2,6-Dinitrotoluene	6.991	165	35703	37.7532	ppm	92
58) 3-Nitroaniline	7.167	138	26502	22.3232	ppm	98
59) Acenaphthene	7.242	153	111912	20.4090	ppm	97
60) 2,4-Dinitrophenol	7.274	184	47761	103.5647	ppm	84
61) 4-Nitrophenol	7.344	109	11223	19.9180	ppm	92
62) Dibenzofuran	7.429	168	156225	22.2661	ppm	99
63) 2,4-Dinitrotoluene	7.413	165	50958	39.0404	ppm	94
64) 2,3,4,6-Tetrachlorophenol	7.563	232	36170	29.3007	ppm	97
65) Diethylphthalate	7.686	149	159343	29.2761	ppm	99
66) Fluorene	7.830	166	137375	24.9277	ppm	97
67) 4-Chlorophenyl-phenyle...	7.824	204	60214	23.3367	ppm	98
68) 4-Nitroaniline	7.862	138	36841	30.4689	ppm	93
70) 4,6-Dinitro-2-methylph...	7.889	198	28589	51.9784	ppm	98
71) n-Nitrosodiphenylamine	7.979	169	119322	28.1687	ppm	98
72) 1,2-Diphenylhydrazine	8.033	77	143575	30.5756	ppm	98
74) 4-Bromophenyl-phenylether	8.487	248	33510	22.2082	ppm	97
75) Hexachlorobenzene	8.562	284	38191	20.1282	ppm	97
76) Pentachlorophenol	8.872	266	56333	58.0654	ppm	94
77) Phenanthrene	9.208	178	218774	28.4557	ppm	99
78) Anthracene	9.294	178	216995	28.8120	ppm	99
79) Carbazole	9.577	167	223210	32.2053	ppm	99
80) Di-n-butylphthalate	10.287	149	278857	32.6389	ppm	99
81) Fluoranthene	11.398	202	241076	30.0709	ppm	99
82) Octadecane	9.043	57	105533	41.6626	ppm	98
85) Pyrene	11.853	202	253365	34.0310	ppm	99
87) Butylbenzylphthalate	13.466	149	122578	42.0797	ppm	99
88) Benzo[a]anthracene	14.502	228	226250	31.7963	ppm	99
89) 3,3'-Dichlorobenzidine	14.545	252	55327	20.8224	ppm	98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219062ab.D
Acq On : 20 Feb 2024 11:57 am
Operator : karimam
Sample : op52499-bs1 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 20 20:29:12 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 20:22:44 2024
Response via : Initial Calibration

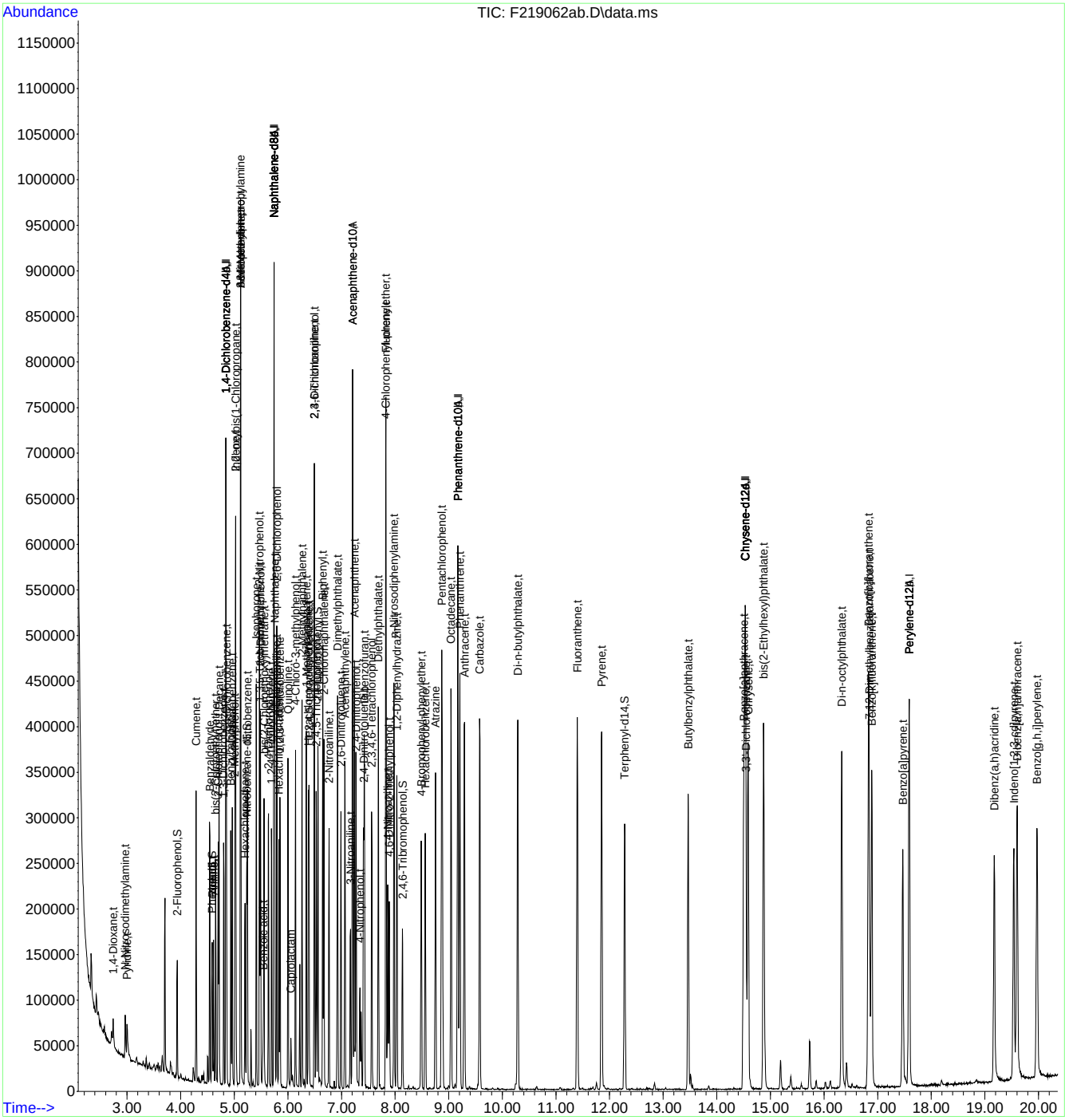
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Chrysene	14.588	228	220345	31.2849	ppm	98
91) bis(2-Ethylhexyl)phtha...	14.871	149	176204	40.0983	ppm	99
93) Di-n-octylphthalate	16.329	149	295927	42.6254	ppm	98
94) Benzo[b]fluoranthene	16.832	252	211167	32.5366	ppm	99
95) Benzo[k]fluoranthene	16.890	252	207605	33.1574	ppm	99
96) Benzo[a]pyrene	17.467	252	162058	30.8788	ppm	98
97) Indeno[1,2,3-cd]pyrene	19.540	276	146857	26.9776	ppm	98
98) Dibenz(a,h)acridine	19.177	279	151703	30.0775	ppm	99
99) Dibenz[a,h]anthracene	19.604	278	182587	29.6429	ppm	98
100) 7,12-Dimethylbenz(a)an...	16.842	256	69345	28.7601	ppm	97
101) Benzo[g,h,i]perylene	19.973	276	180160	28.1013	ppm	97
158) Benzaldehyde	4.544	105	42914	21.5809	ppm	93
160) Atrazine	8.754	200	45028	35.0681	ppm	97
162) Caprolactam	6.056	55	11216m	16.3469	ppm	

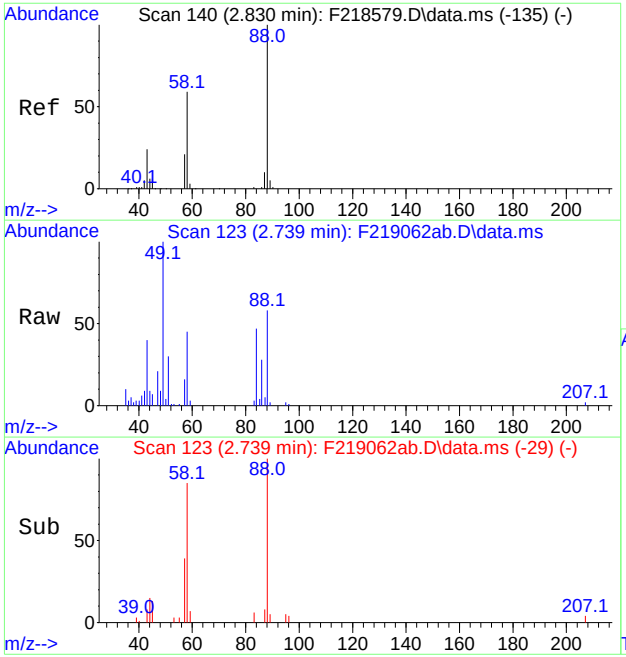
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219062ab.D
Acq On : 20 Feb 2024 11:57 am
Operator : karimam
Sample : op52499-bs1 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 20 20:29:12 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 20:22:44 2024
Response via : Initial Calibration

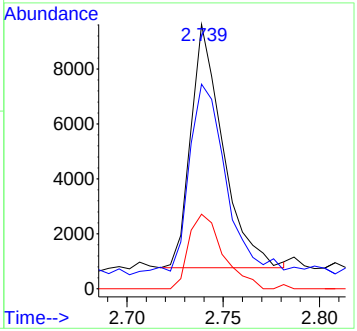


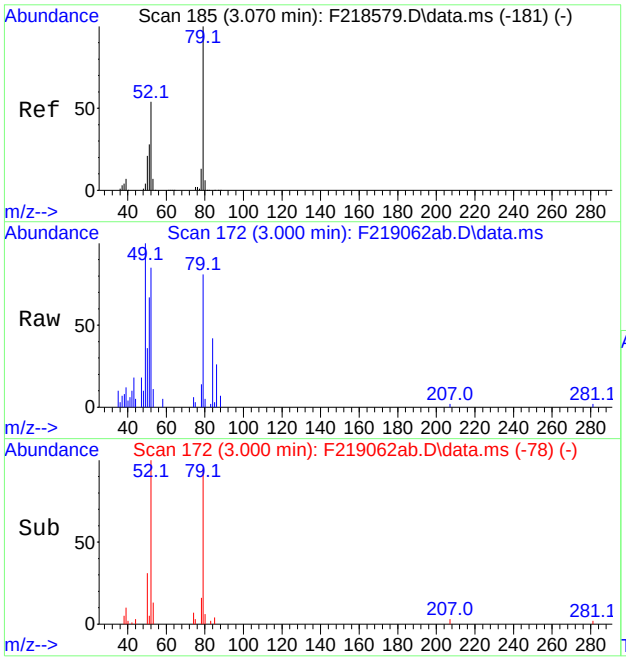


#2
1,4-Dioxane
Concen: 10.6457 ppm
RT: 2.739 min Scan# 123
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 88 Resp: 10290

Ion	Ratio	Lower	Upper
88	100		
58	76.7	57.4	117.4
57	30.2	2.2	62.2

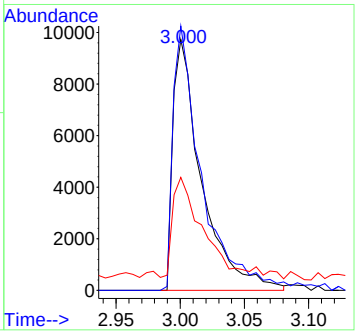




#3
Pyridine
Concen: 6.3166 ppm
RT: 3.000 min Scan# 172
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

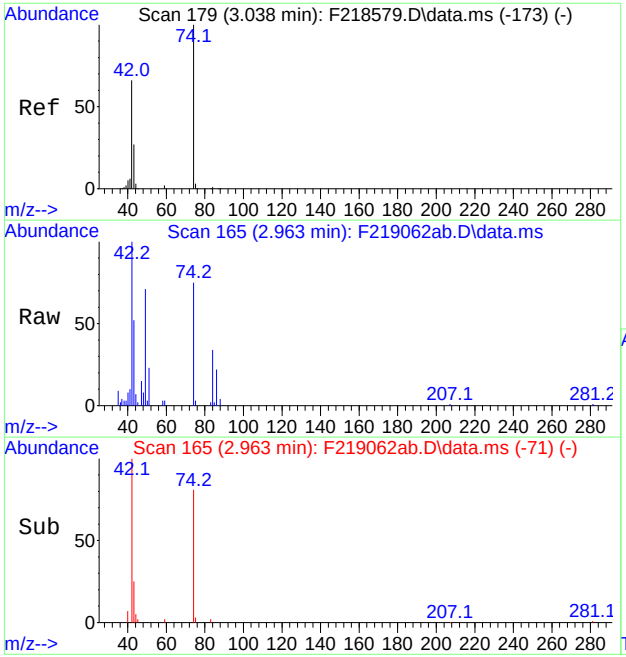
Tgt Ion: 79 Resp: 15152

Ion	Ratio	Lower	Upper
79	100		
52	104.7	70.4	130.4
50	40.5	8.1	68.1



7.3.1

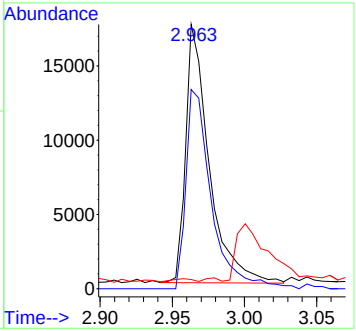
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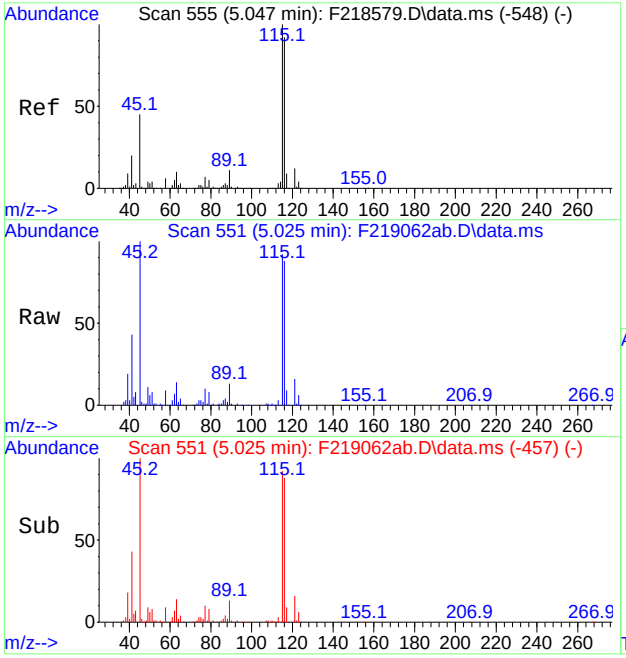


#4
N-Nitrosodimethylamine
Concen: 25.8050 ppm
RT: 2.963 min Scan# 165
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 42 Resp: 19639

Ion	Ratio	Lower	Upper
42	100		
74	76.7	55.6	115.6
50	0.0	0.0	30.0

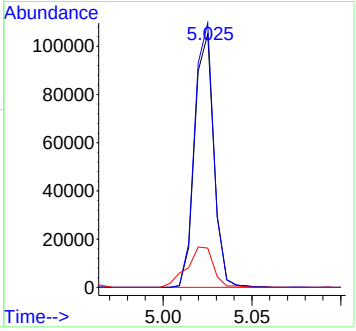


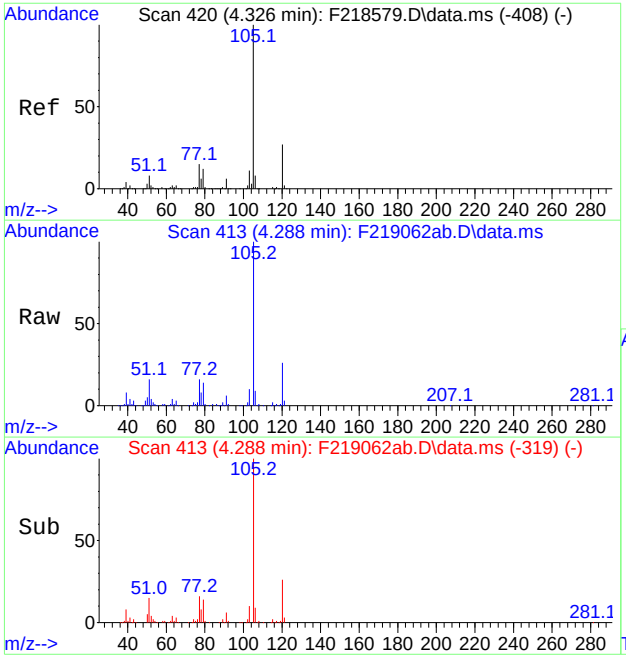


#6
Indene
Concen: 19.6965 ppm
RT: 5.025 min Scan# 551
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:116 Resp: 79161

Ion	Ratio	Lower	Upper
116	100		
115	104.4	72.0	132.0
63	15.5	0.0	45.3

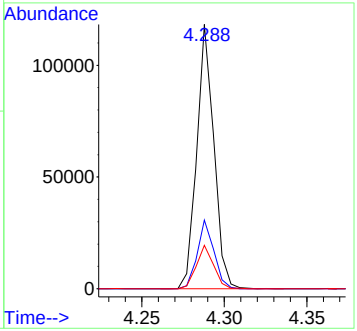


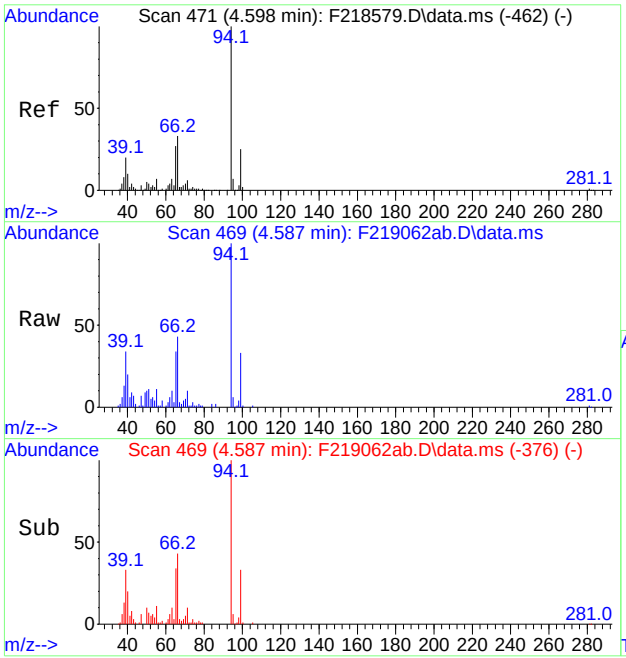


#7
Cumene
Concen: 16.8611 ppm
RT: 4.288 min Scan# 413
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:105 Resp: 85352

Ion	Ratio	Lower	Upper
105	100		
120	26.0	0.0	54.4
77	16.5	0.0	46.4

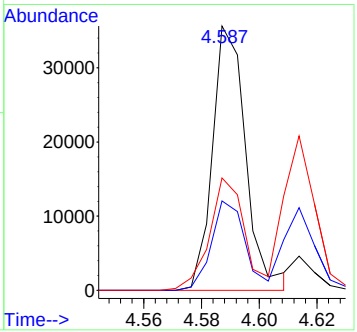


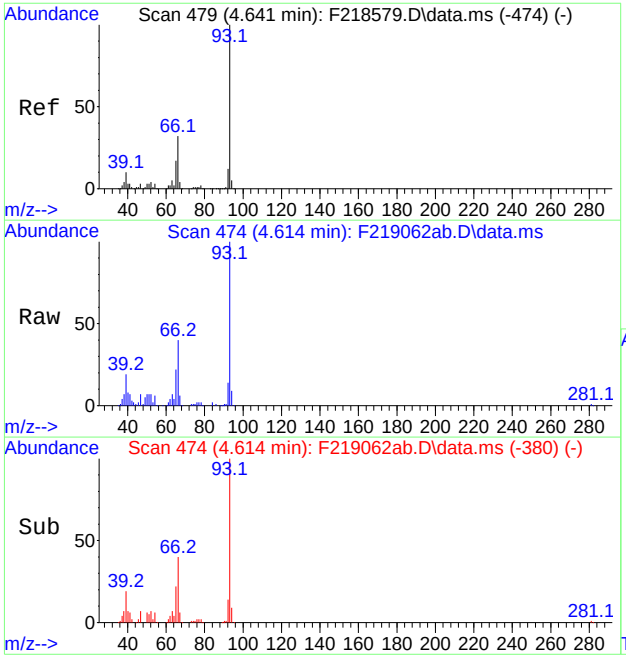


#9
Phenol
Concen: 10.2346 ppm
RT: 4.587 min Scan# 469
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 94 Resp: 28528

Ion	Ratio	Lower	Upper
94	100		
65	25.1	0.0	55.7
66	25.6	0.0	59.3

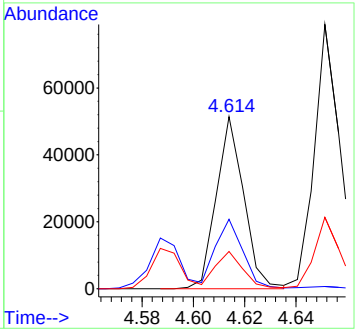


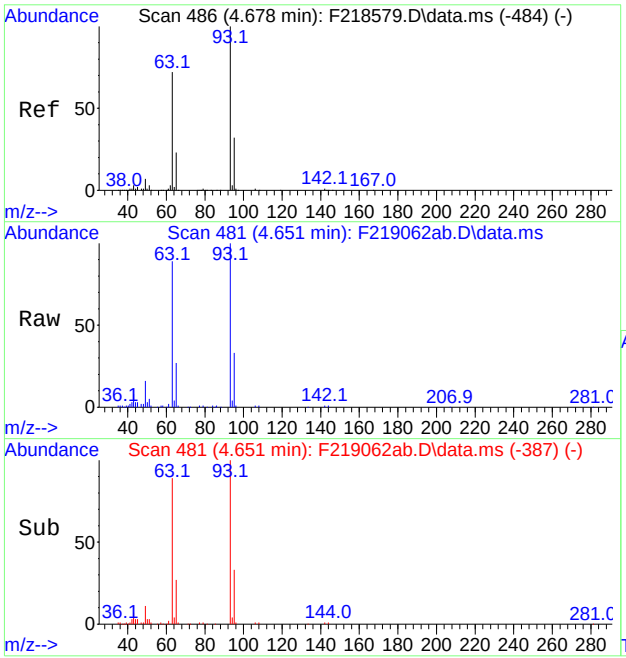


#10
Aniline
Concen: 11.1794 ppm
RT: 4.614 min Scan# 474
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 93 Resp: 38490

Ion	Ratio	Lower	Upper
93	100		
66	25.7	0.0	54.6
65	9.7	0.0	40.0

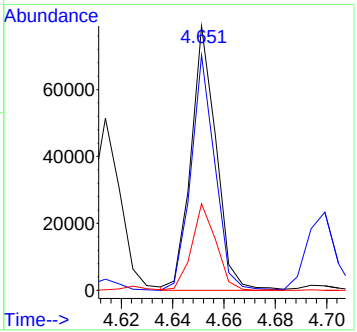


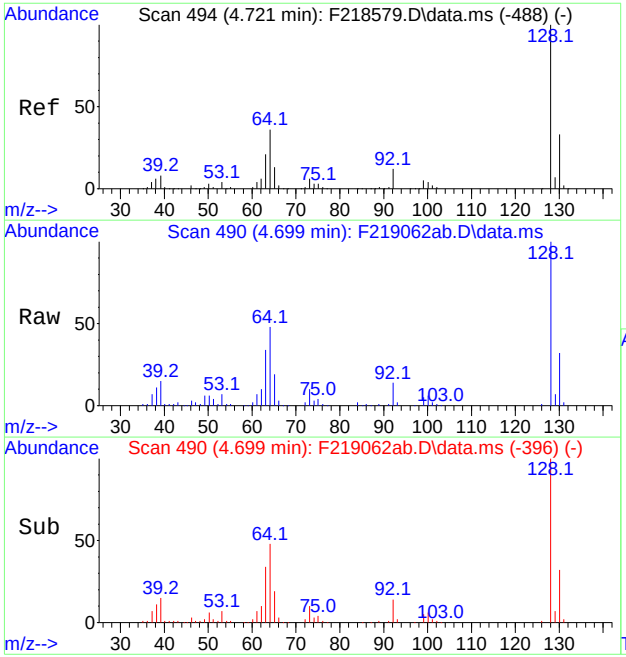


#11
bis(2-Chloroethyl)ether
Concen: 25.3399 ppm
RT: 4.651 min Scan# 481
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 93 Resp: 54153

Ion	Ratio	Lower	Upper
93	100		
63	89.5	59.3	119.3
95	32.9	3.2	63.2

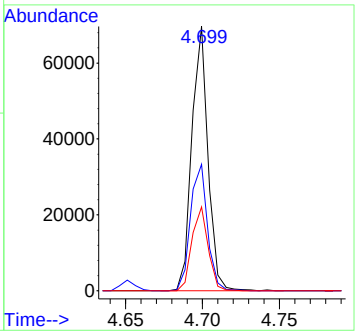


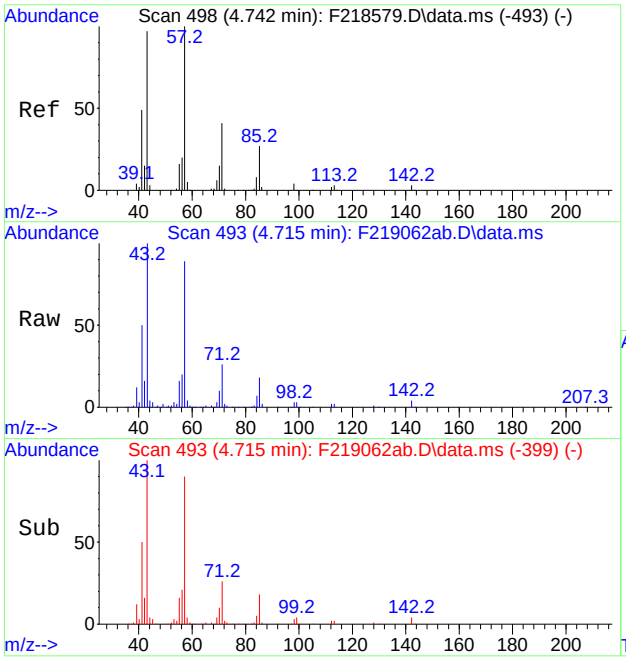


#12
2-Chlorophenol
Concen: 20.7926 ppm
RT: 4.699 min Scan# 490
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:128 Resp: 50709

Ion	Ratio	Lower	Upper
128	100		
64	47.8	18.7	78.7
130	31.7	0.6	60.6

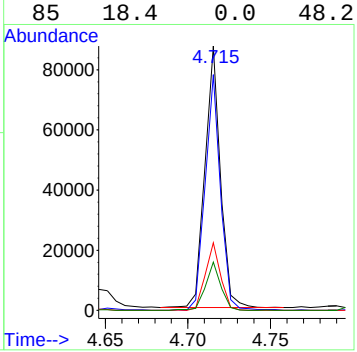


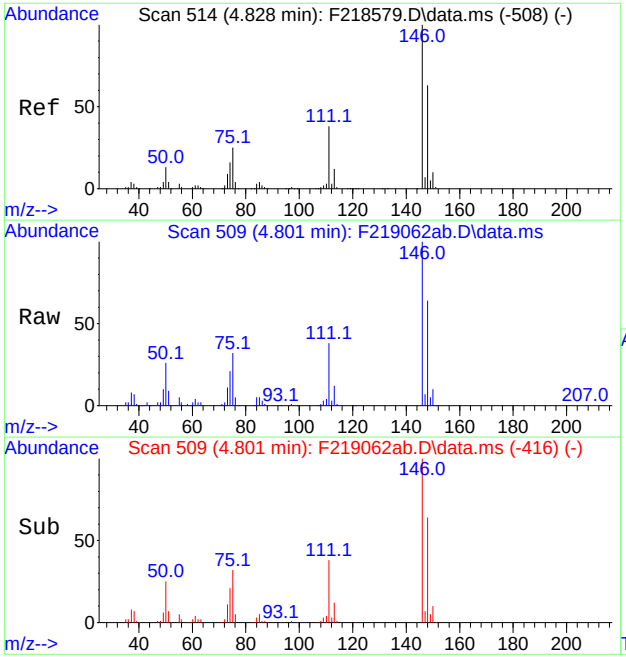


#13
Decane
Concen: 27.4982 ppm
RT: 4.715 min Scan# 493
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 43 Resp: 56910

Ion	Ratio	Lower	Upper
43	100		
57	90.1	61.7	121.7
71	25.9	0.0	56.0
85	18.4	0.0	48.2

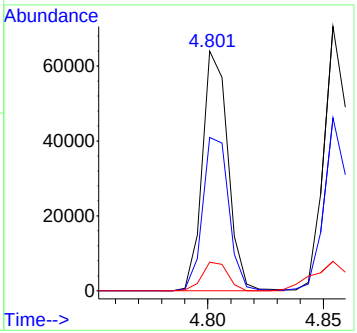


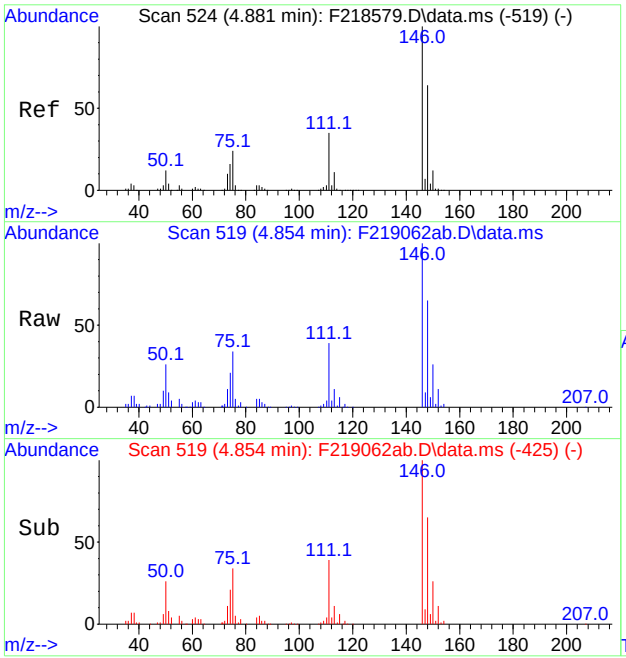


#14
1,3-Dichlorobenzene
Concen: 17.2617 ppm
RT: 4.801 min Scan# 509
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:146 Resp: 49371

Ion	Ratio	Lower	Upper
146	100		
148	64.0	34.6	94.6
113	11.7	0.0	41.6

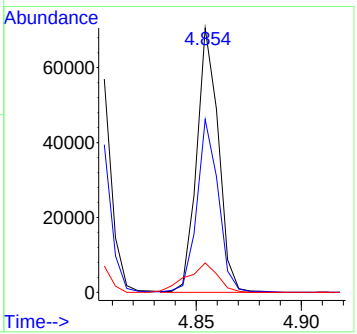


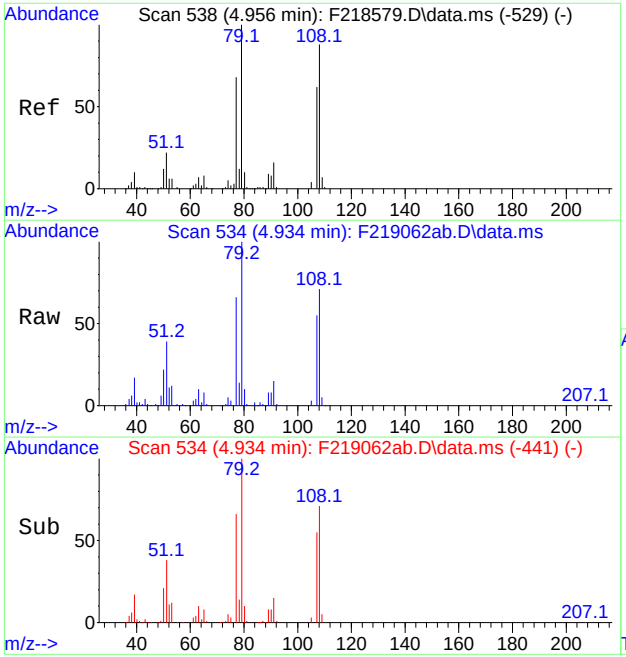


#15
1,4-Dichlorobenzene
Concen: 17.0911 ppm
RT: 4.854 min Scan# 519
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:146 Resp: 50705

Ion	Ratio	Lower	Upper
146	100		
148	65.4	34.1	94.1
113	10.9	0.0	42.4

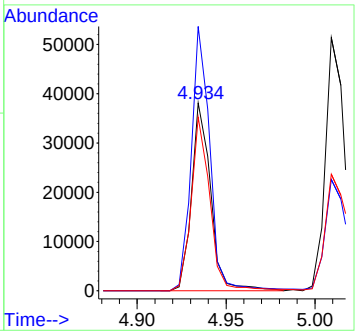


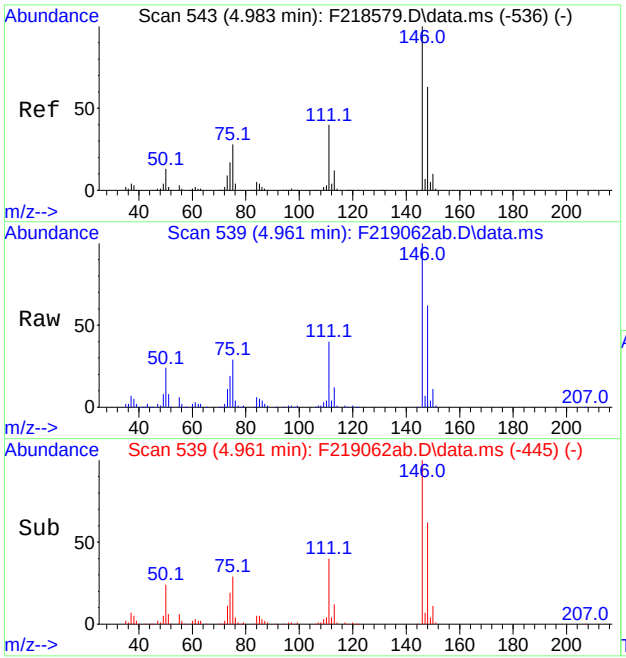


#16
Benzyl alcohol
Concen: 19.1831 ppm
RT: 4.934 min Scan# 534
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:108 Resp: 28510

Ion	Ratio	Lower	Upper
108	100		
79	140.3	102.2	162.2
77	92.1	54.1	114.1

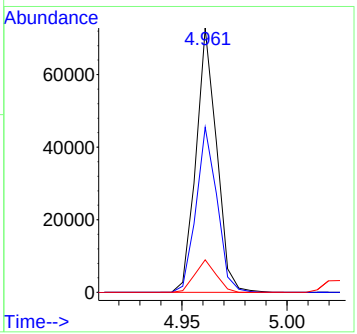


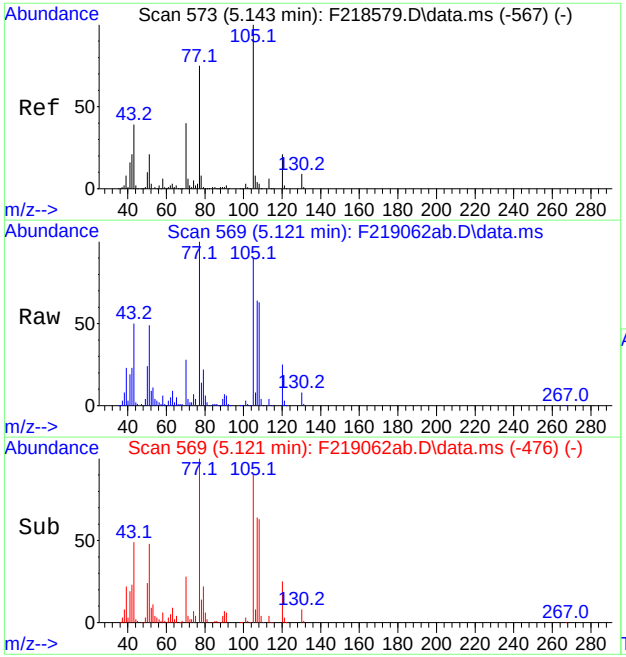


#17
1,2-Dichlorobenzene
Concen: 17.8833 ppm
RT: 4.961 min Scan# 539
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:146 Resp: 49858

Ion	Ratio	Lower	Upper
146	100		
148	62.4	33.5	93.5
113	12.3	0.0	41.1

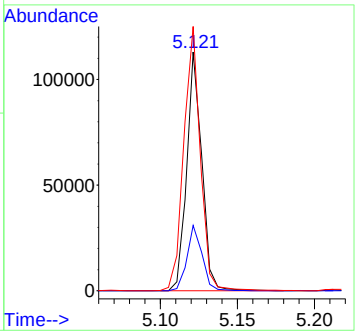


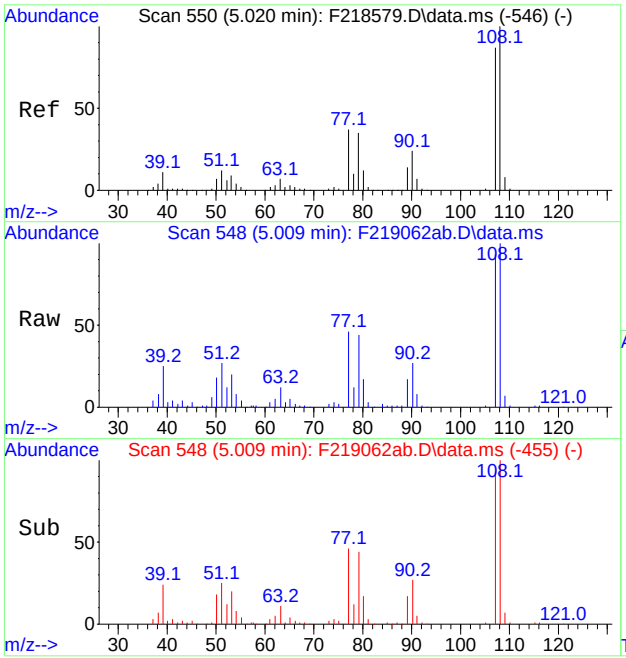


#18
Acetophenone
Concen: 22.8158 ppm
RT: 5.121 min Scan# 569
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:105 Resp: 76974

Ion	Ratio	Lower	Upper
105	100		
120	27.4	0.0	57.2
77	110.6	70.6	130.6

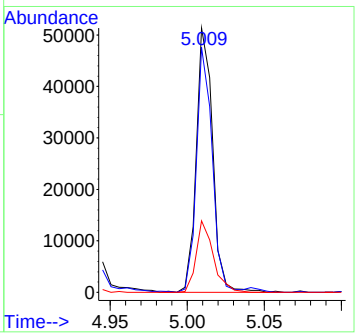


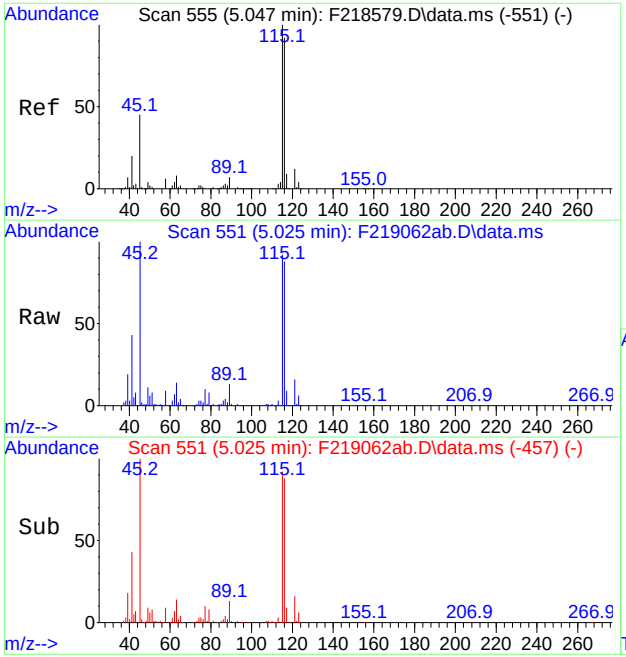


#19
2-Methylphenol
Concen: 17.6962 ppm
RT: 5.009 min Scan# 548
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:108 Resp: 38183

Ion	Ratio	Lower	Upper
108	100		
107	92.4	57.7	117.7
90	27.0	0.0	54.5

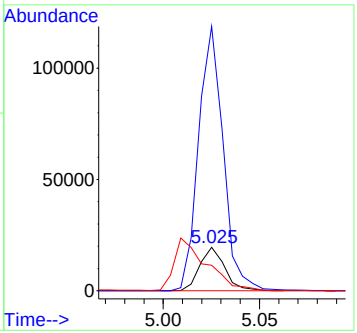


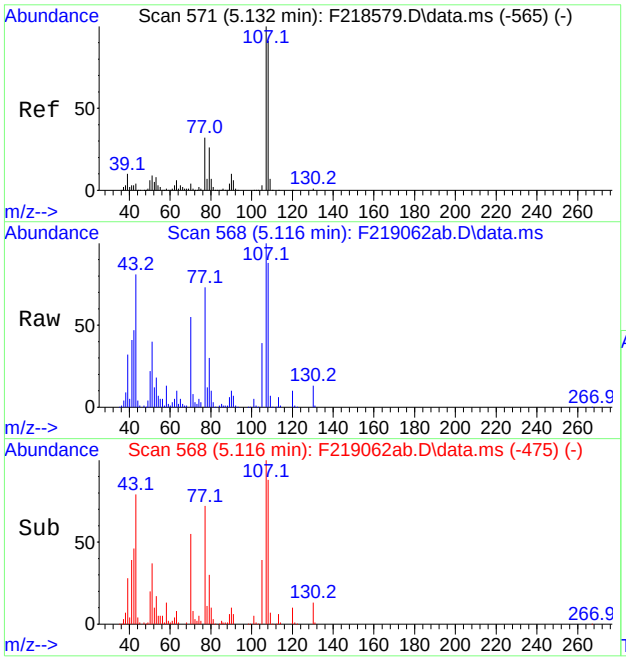


#20
2,2'-oxybis(1-Chloropropane
Concen: 27.4170 ppm
RT: 5.025 min Scan# 551
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:121 Resp: 17664

Ion	Ratio	Lower	Upper
121	100		
45	606.4	603.4	663.4
77	57.1	33.4	93.4

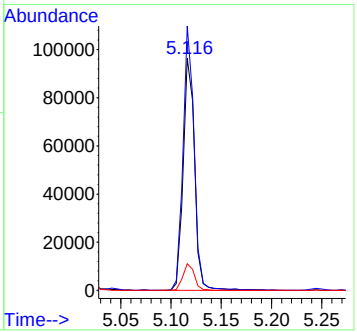


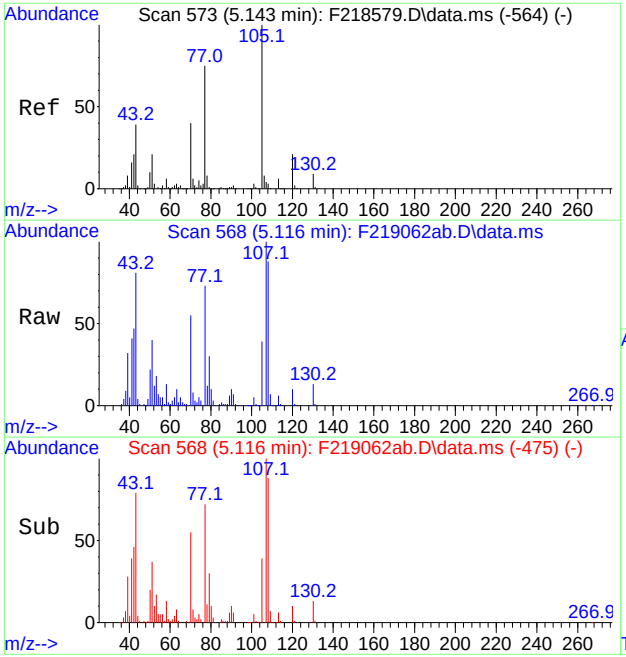


#21
3&4-Methylphenol
Concen: 33.9302 ppm
RT: 5.116 min Scan# 568
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:108 Resp: 75838

Ion	Ratio	Lower	Upper
108	100		
107	114.0	77.4	137.4
90	11.5	0.0	41.7

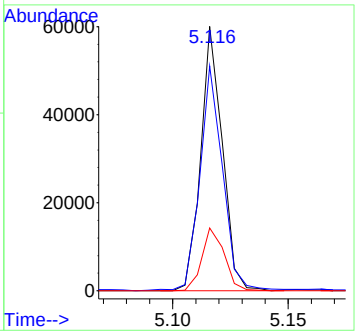


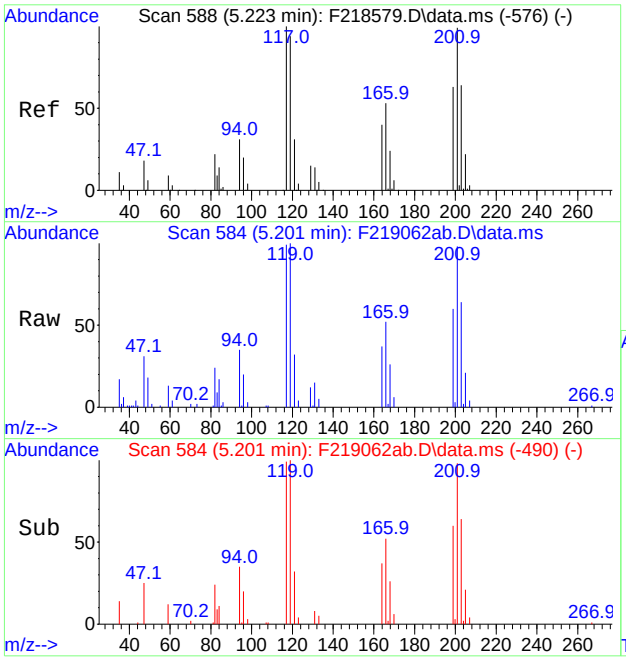


#22
n-Nitroso-di-n-propylamine
Concen: 24.6831 ppm
RT: 5.116 min Scan# 568
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 70 Resp: 39183

Ion	Ratio	Lower	Upper
70	100		
42	84.7	59.3	110.1
130	23.7	17.4	32.2

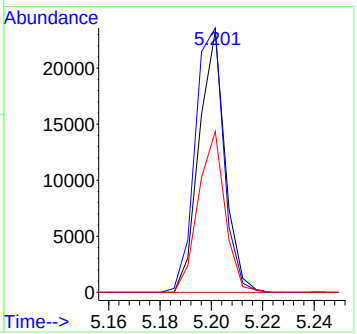


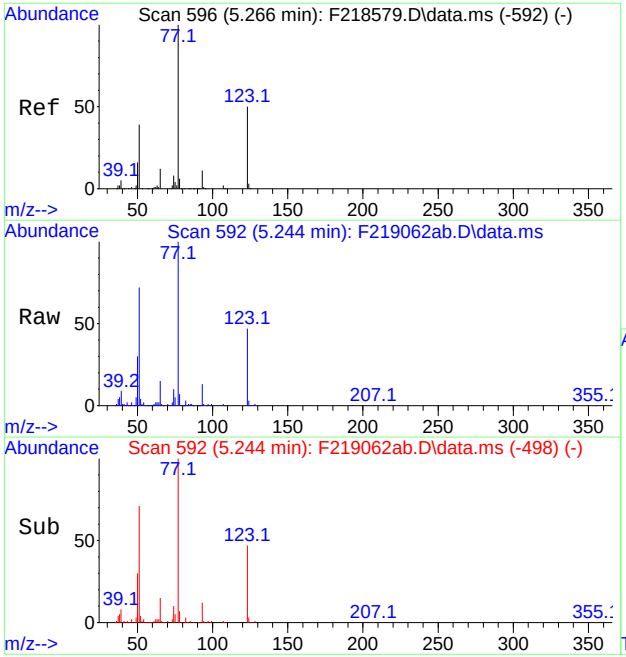


#23
Hexachloroethane
Concen: 16.6822 ppm
RT: 5.201 min Scan# 584
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:201 Resp: 16412

Ion	Ratio	Lower	Upper
201	100		
117	101.3	72.2	132.2
199	61.7	32.3	92.3

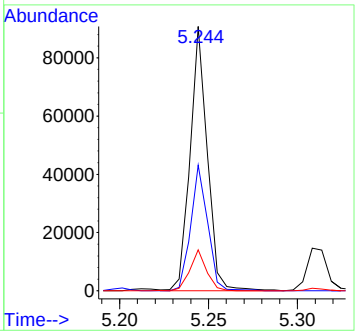


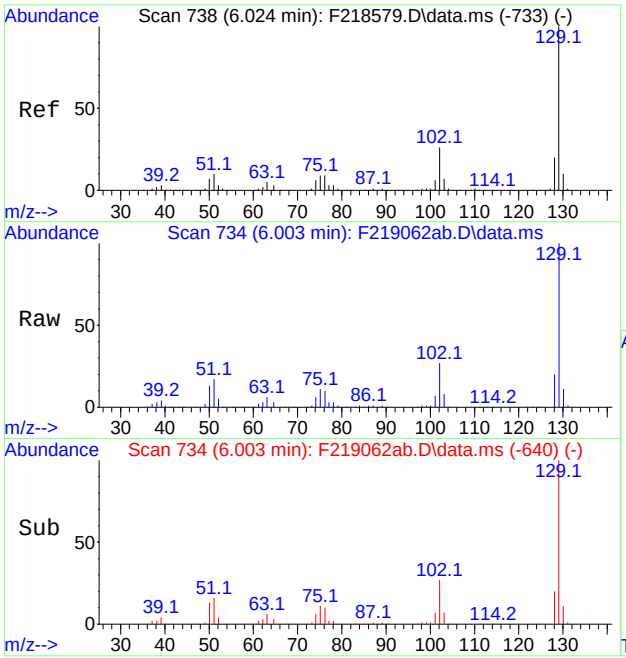


#26
Nitrobenzene
Concen: 27.1681 ppm
RT: 5.244 min Scan# 592
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 77 Resp: 61144

Ion	Ratio	Lower	Upper
77	100		
123	47.6	12.8	72.8
65	15.4	0.0	44.9

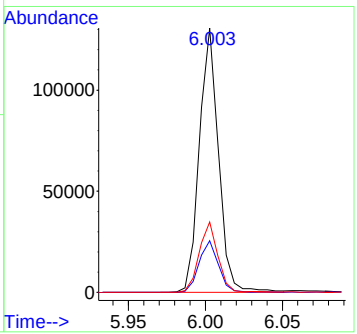


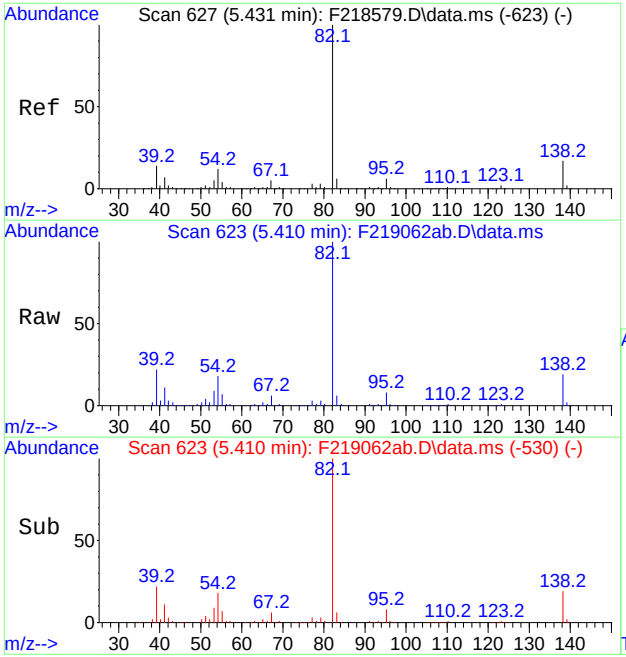


#27
Quinoline
Concen: 24.8192 ppm
RT: 6.003 min Scan# 734
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:129 Resp: 113652

Ion	Ratio	Lower	Upper
129	100		
128	19.6	0.0	49.0
102	26.6	0.0	56.1

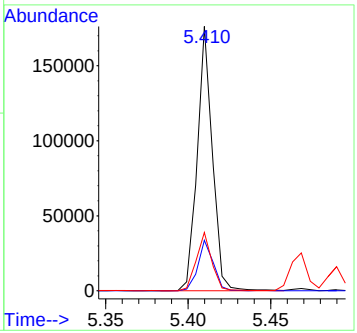


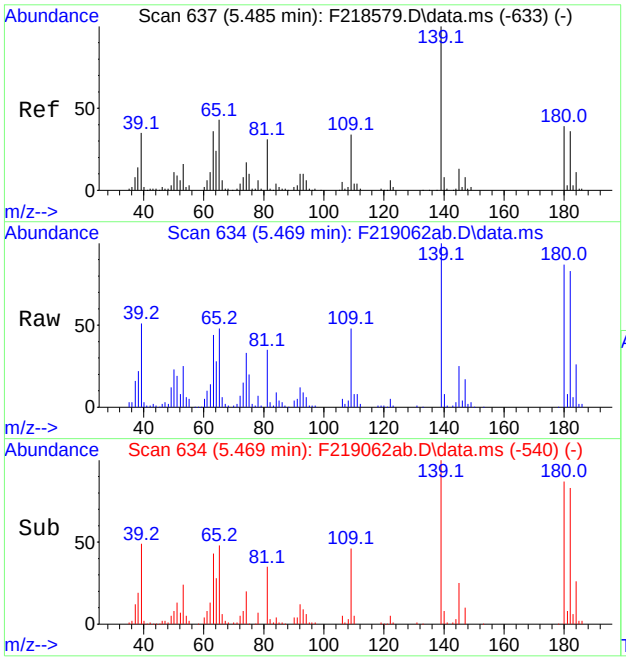


#28
Isophorone
Concen: 27.3600 ppm
RT: 5.410 min Scan# 623
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 82 Resp: 112719

Ion	Ratio	Lower	Upper
82	100		
138	19.1	0.0	49.0
39	21.1	0.0	52.0

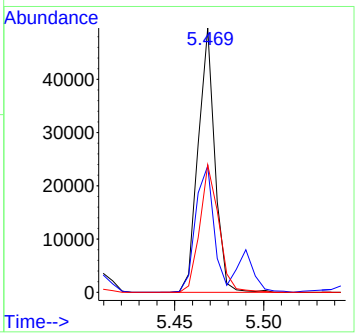


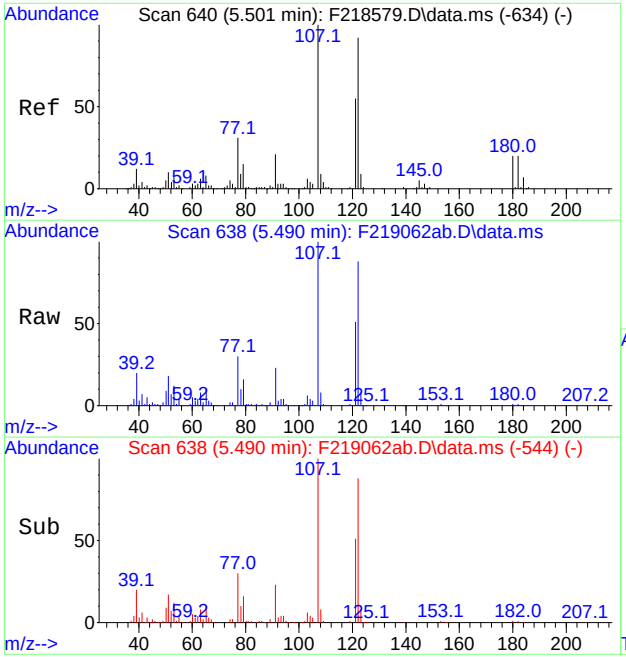


#29
2-Nitrophenol
Concen: 31.3110 ppm
RT: 5.469 min Scan# 634
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:139 Resp: 32413

Ion	Ratio	Lower	Upper
139	100		
65	47.6	21.3	81.3
109	48.3	22.2	82.2

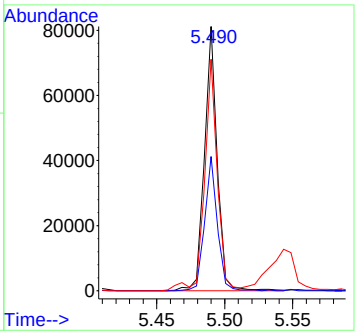


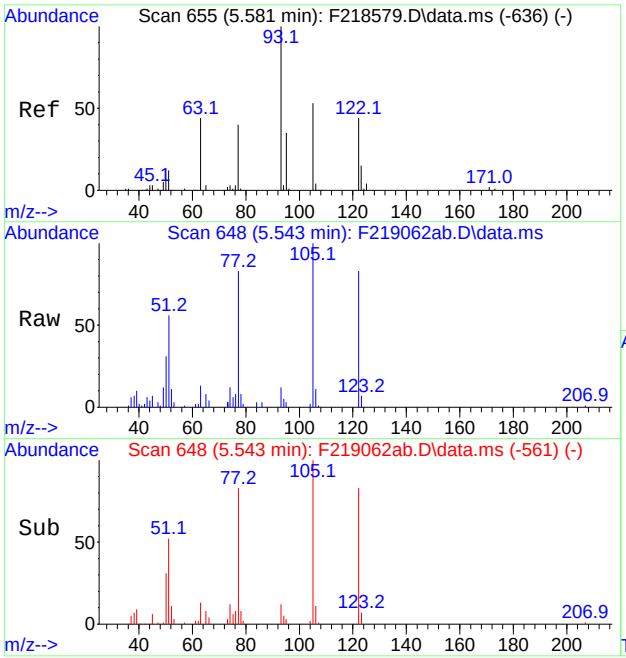


#30
2,4-Dimethylphenol
Concen: 23.0877 ppm
RT: 5.490 min Scan# 638
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:107 Resp: 53036

Ion	Ratio	Lower	Upper
107	100		
121	50.9	19.1	79.1
122	79.8	51.1	111.1

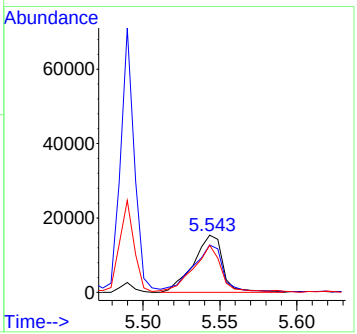


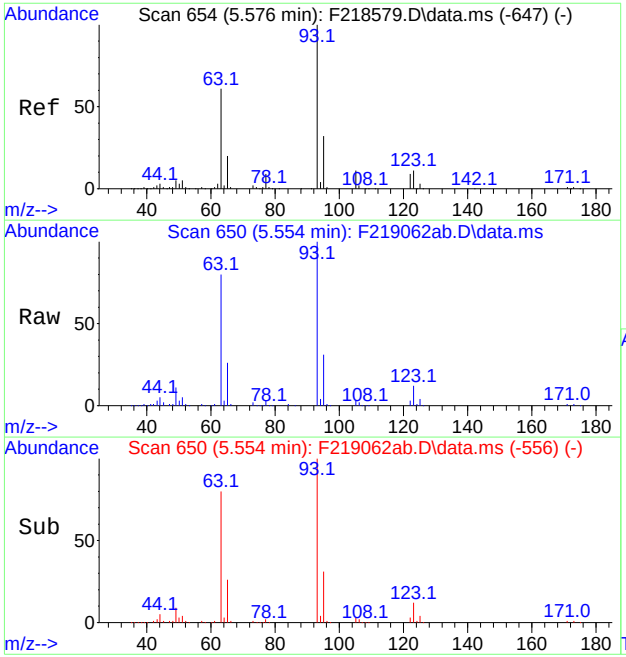


#31
Benzoic acid
Concen: 18.3022 ppm
RT: 5.543 min Scan# 648
Delta R.T. -0.038 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:105 Resp: 20656

Ion	Ratio	Lower	Upper
105	100		
122	79.3	48.9	108.9
77	80.1	41.8	101.8

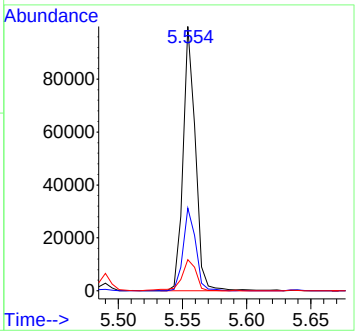


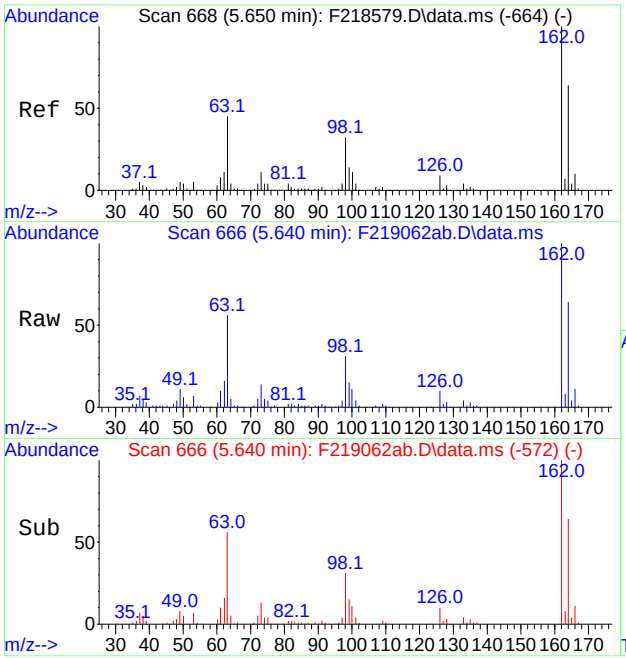


#32
bis(2-Chloroethoxy)methane
Concen: 25.0151 ppm
RT: 5.554 min Scan# 650
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 93 Resp: 66680

Ion	Ratio	Lower	Upper
93	100		
95	31.2	1.8	61.8
123	11.5	0.0	42.3

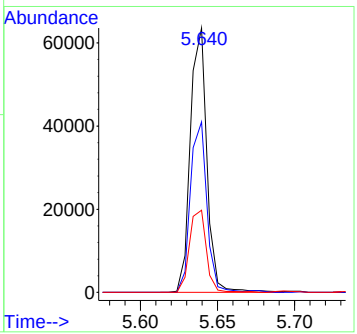


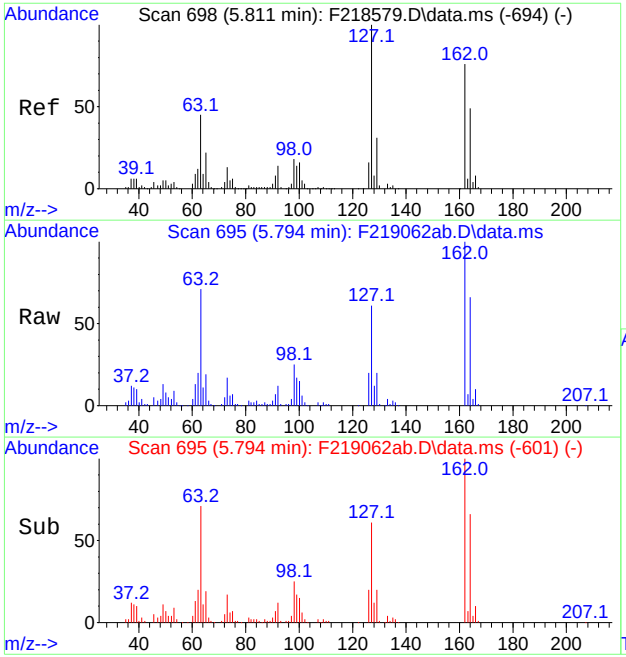


#33
2,4-Dichlorophenol
Concen: 24.1473 ppm
RT: 5.640 min Scan# 666
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:162 Resp: 47621

Ion	Ratio	Lower	Upper
162	100		
164	64.6	35.1	95.1
98	30.8	1.8	61.8

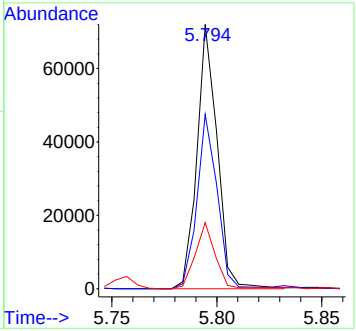


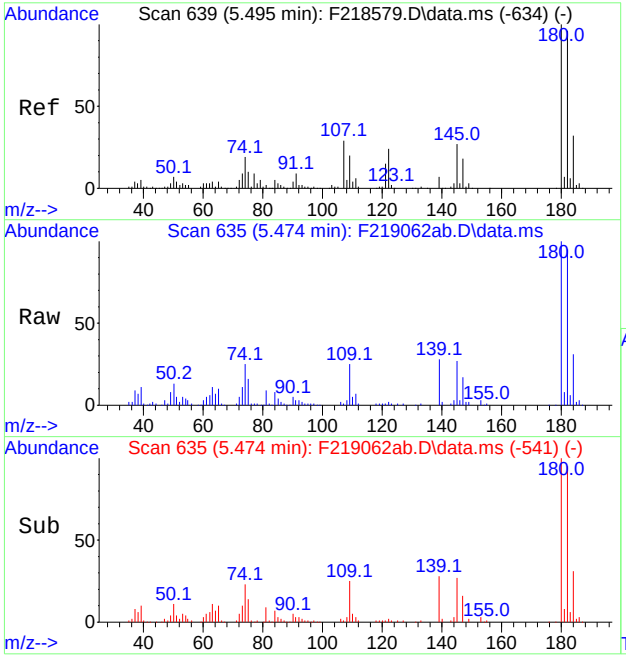


#34
2,6-Dichlorophenol
Concen: 24.2376 ppm
RT: 5.794 min Scan# 695
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:162 Resp: 48325

Ion	Ratio	Lower	Upper
162	100		
164	65.5	33.1	93.1
98	24.8	0.0	54.0

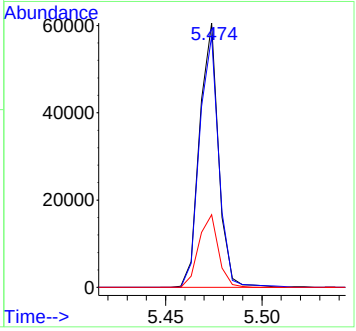


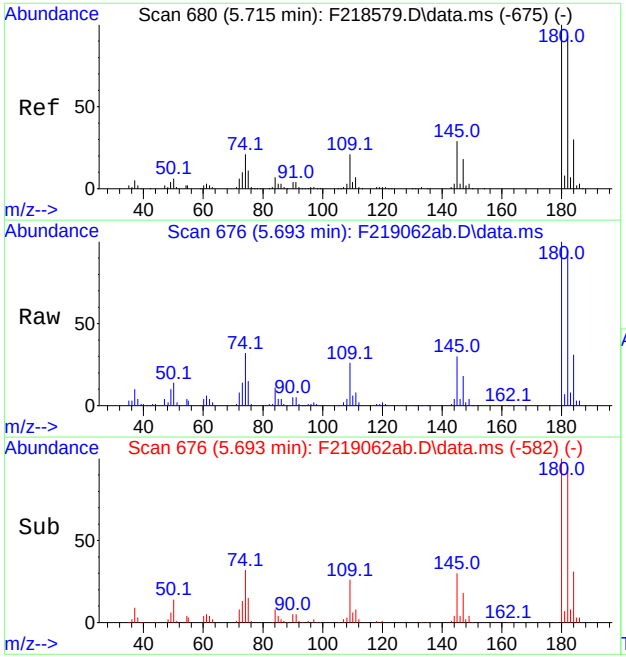


#35
1,3,5-Trichlorobenzene
Concen: 16.9783 ppm
RT: 5.474 min Scan# 635
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:180 Resp: 41547

Ion	Ratio	Lower	Upper
180	100		
182	94.9	66.3	126.3
145	27.5	0.0	59.7

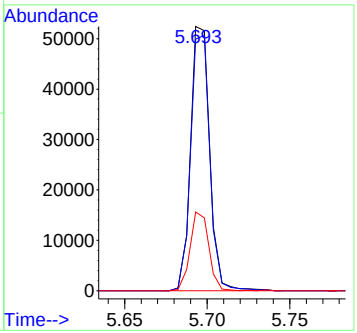


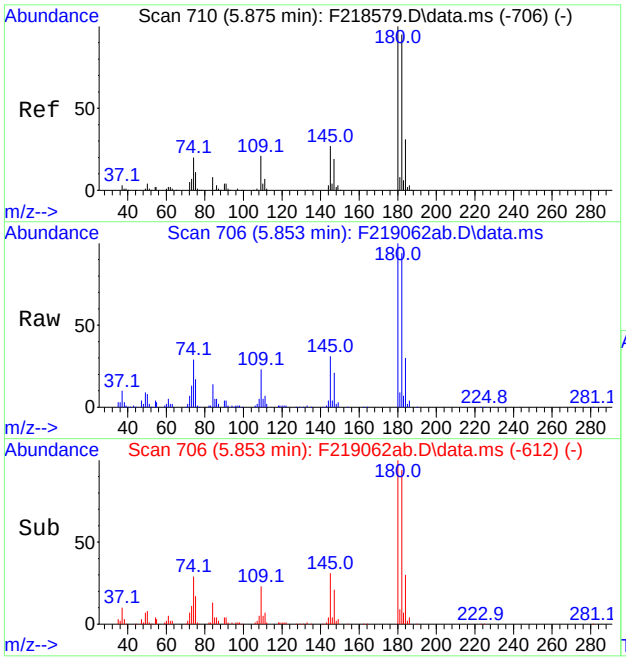


#36
1,2,4-Trichlorobenzene
Concen: 18.1988 ppm
RT: 5.693 min Scan# 676
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:180 Resp: 42308

Ion	Ratio	Lower	Upper
180	100		
182	95.1	64.2	124.2
145	29.8	1.1	61.1

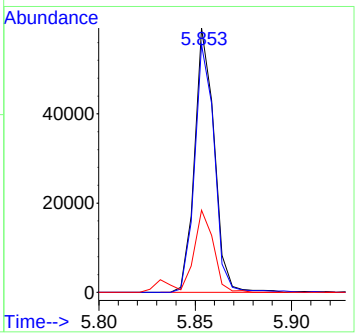


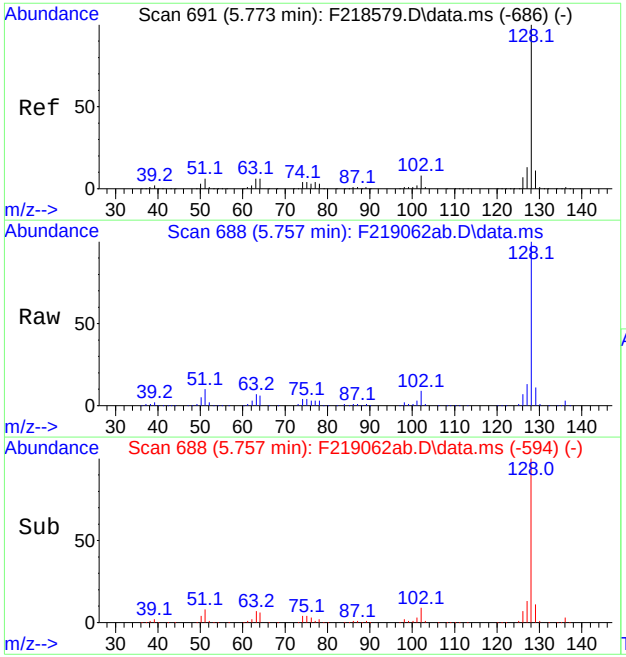


#37
1,2,3-Trichlorobenzene
Concen: 18.6873 ppm
RT: 5.853 min Scan# 706
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:180 Resp: 42333

Ion	Ratio	Lower	Upper
180	100		
182	93.4	64.2	124.2
145	28.7	0.0	59.8

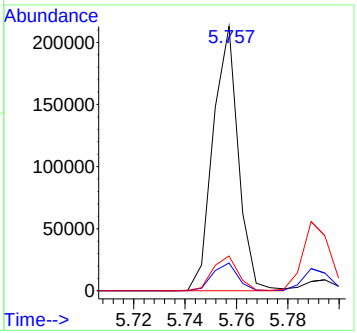


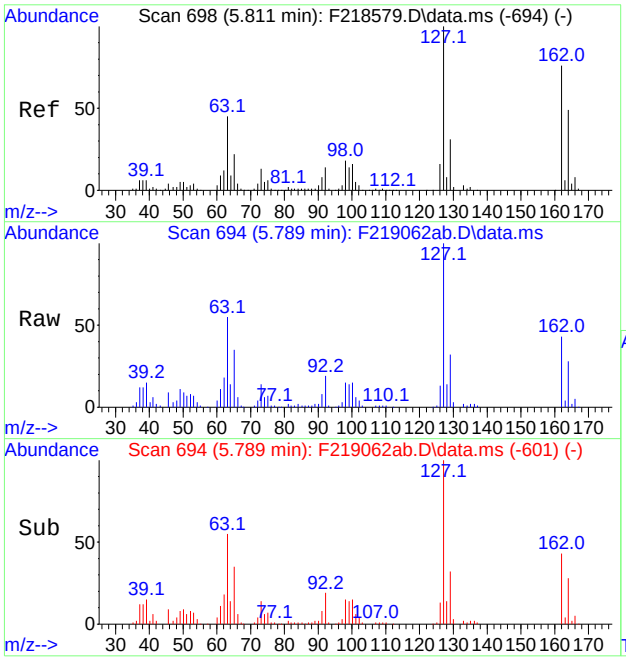


#38
Naphthalene
Concen: 19.4806 ppm
RT: 5.757 min Scan# 688
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:128 Resp: 145742

Ion	Ratio	Lower	Upper
128	100		
129	10.4	0.0	40.7
127	13.0	0.0	42.6

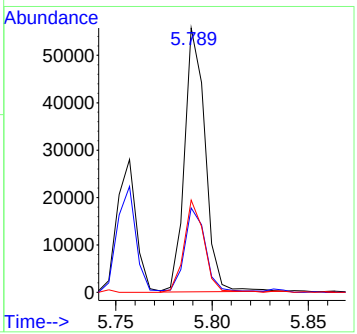


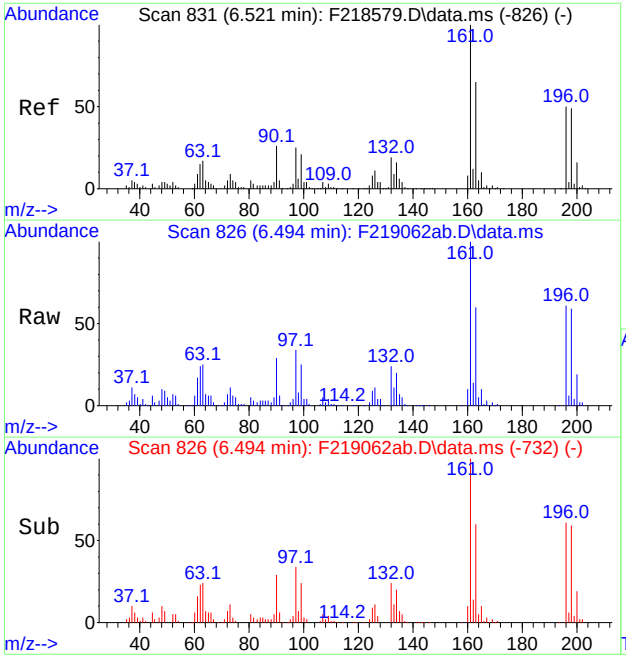


#39
4-Chloroaniline
Concen: 13.8721 ppm
RT: 5.789 min Scan# 694
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:127 Resp: 41359

Ion	Ratio	Lower	Upper
127	100		
129	31.3	3.4	63.4
65	34.8	0.2	60.2

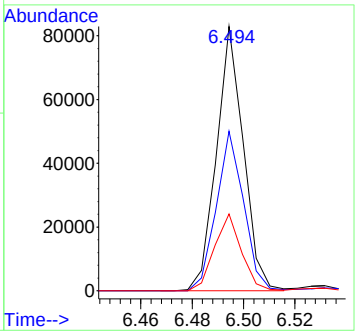


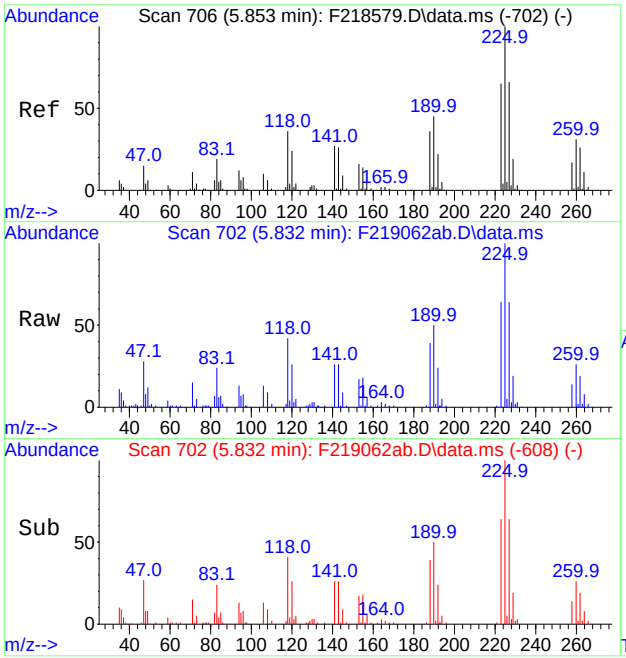


#40
2,3-Dichloroaniline
Concen: 25.5536 ppm
RT: 6.494 min Scan# 826
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:161 Resp: 60915

Ion	Ratio	Lower	Upper
161	100		
163	60.4	34.4	94.4
90	29.1	1.8	61.8

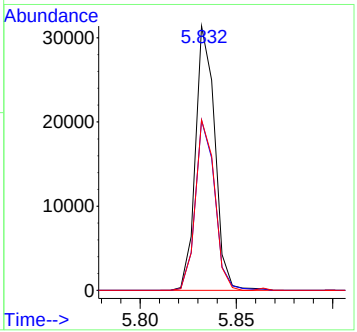


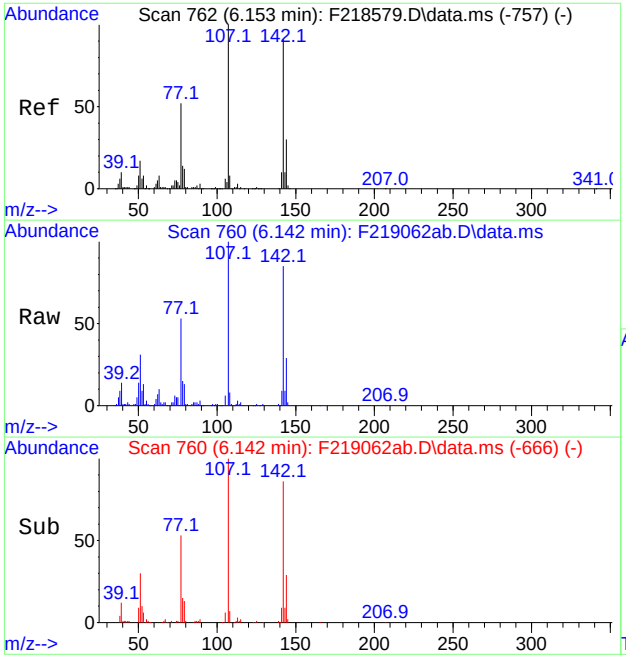


#42
Hexachlorobutadiene
Concen: 16.8362 ppm
RT: 5.832 min Scan# 702
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:225 Resp: 22011

Ion	Ratio	Lower	Upper
225	100		
223	64.3	34.9	94.9
227	64.4	35.2	95.2

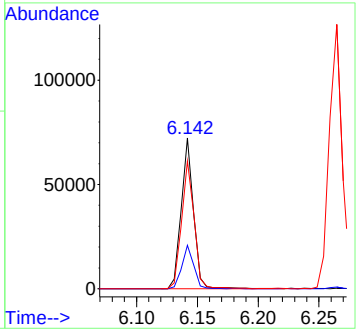


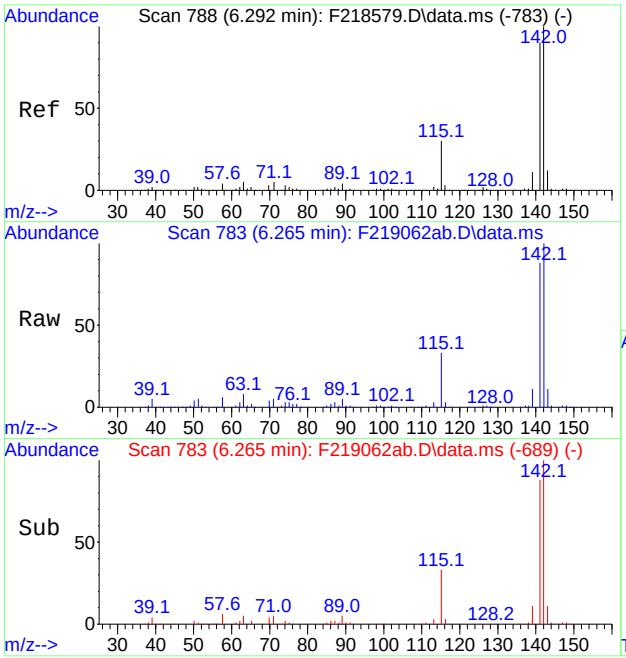


#43
4-Chloro-3-methylphenol
Concen: 28.0338 ppm
RT: 6.142 min Scan# 760
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:107 Resp: 50575

Ion	Ratio	Lower	Upper
107	100		
144	28.7	0.0	56.5
142	84.6	53.8	113.8

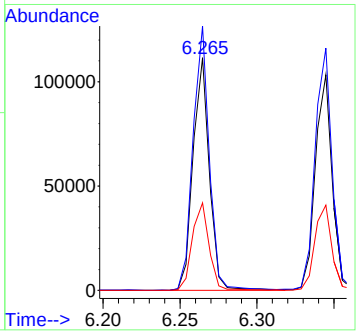


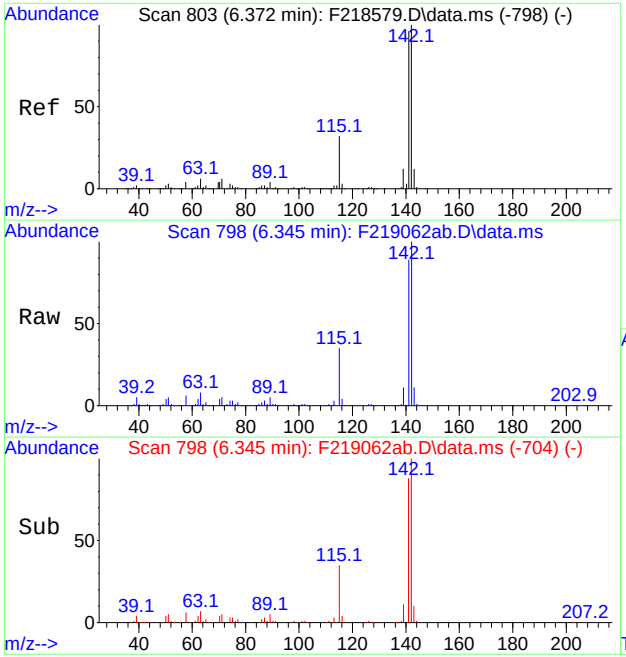


#44
2-Methylnaphthalene
Concen: 19.1971 ppm
RT: 6.265 min Scan# 783
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:141 Resp: 82475

Ion	Ratio	Lower	Upper
141	100		
142	113.5	87.1	147.1
115	37.7	10.0	70.0

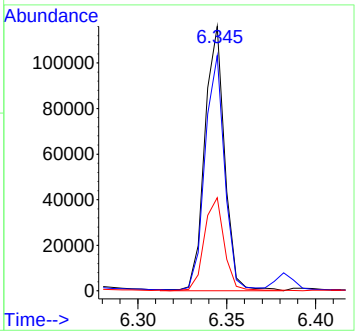


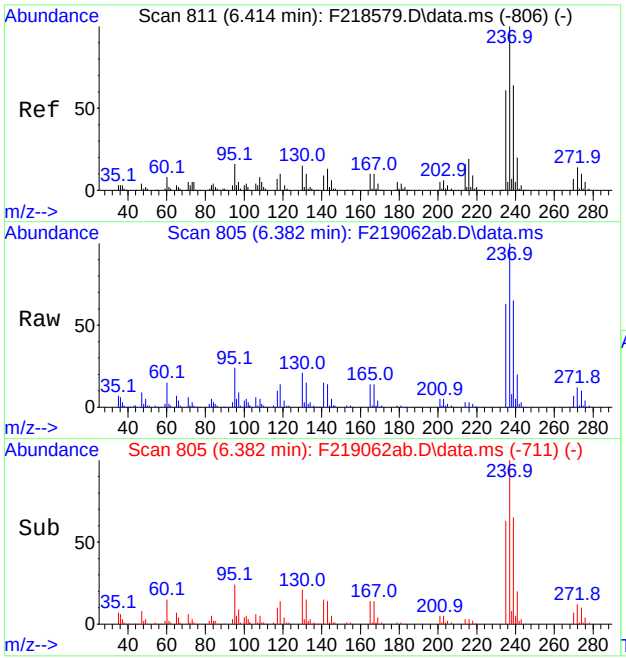


#45
1-Methylnaphthalene
Concen: 20.1337 ppm
RT: 6.345 min Scan# 798
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:142 Resp: 90283

Ion	Ratio	Lower	Upper
142	100		
141	85.5	59.9	119.9
115	35.1	5.3	65.3

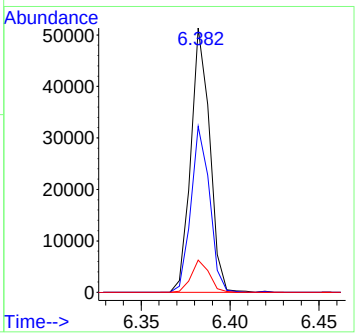


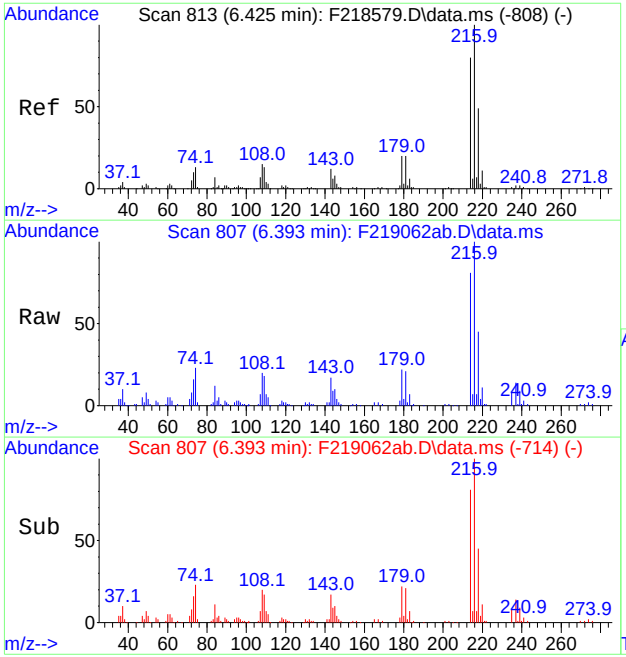


#47
Hexachlorocyclopentadiene
Concen: 34.6502 ppm
RT: 6.382 min Scan# 805
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:237 Resp: 37992

Ion	Ratio	Lower	Upper
237	100		
235	62.8	34.8	94.8
272	12.2	0.0	41.4

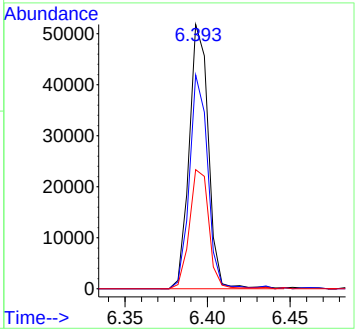


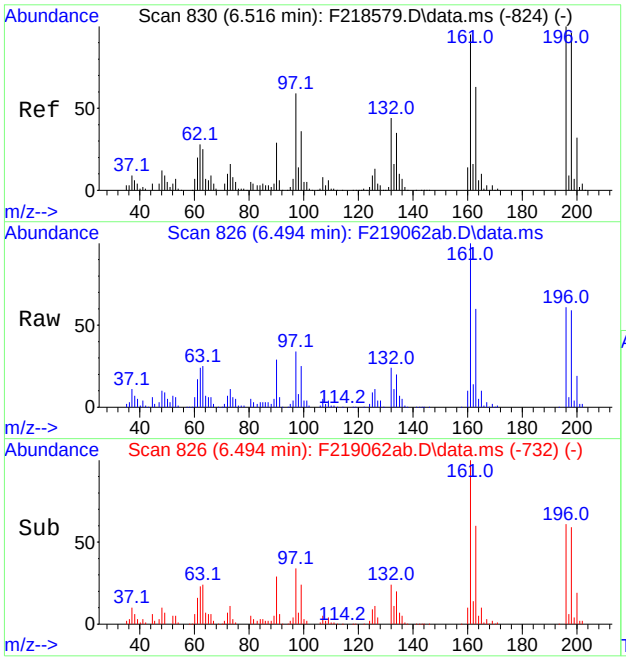


#48
1,2,4,5-tetrachlorobenzene
Concen: 16.8208 ppm
RT: 6.393 min Scan# 807
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:216 Resp: 42060

Ion	Ratio	Lower	Upper
216	100		
214	77.5	54.8	101.8
218	45.3	34.6	64.3

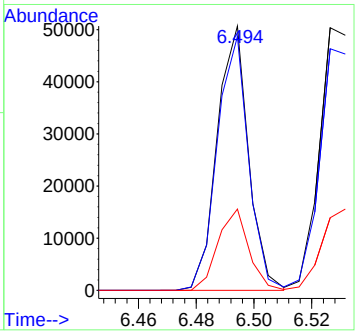


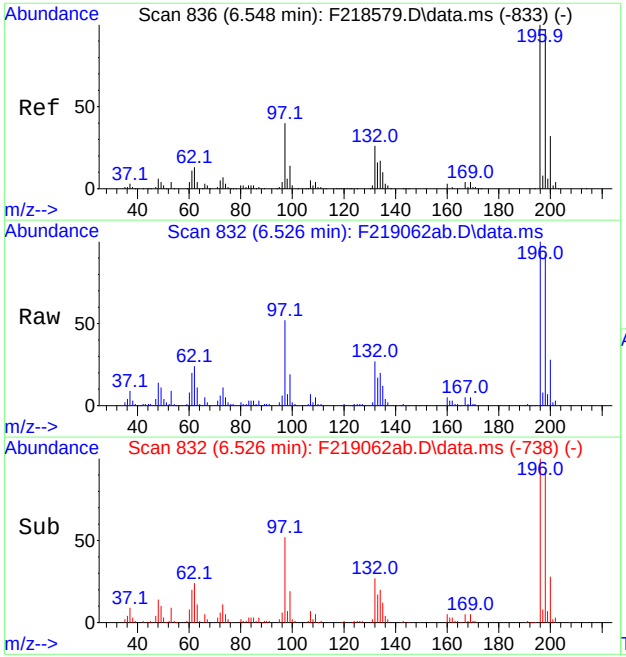


#49
2,4,6-Trichlorophenol
Concen: 25.9876 ppm
RT: 6.494 min Scan# 826
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:196 Resp: 38267

Ion	Ratio	Lower	Upper
196	100		
198	95.9	64.1	124.1
200	30.8	0.7	60.7

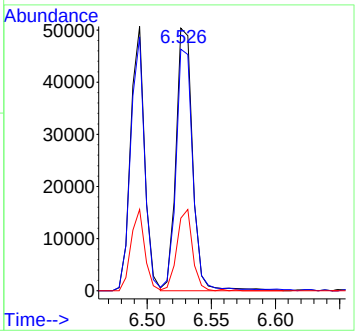


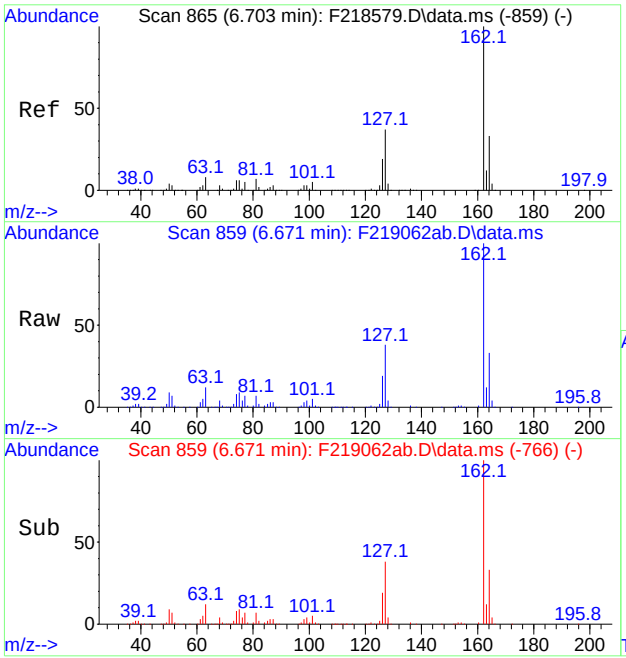


#50
2,4,5-Trichlorophenol
Concen: 27.8046 ppm
RT: 6.526 min Scan# 832
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:196 Resp: 45508

Ion	Ratio	Lower	Upper
196	100		
198	91.7	64.5	124.5
200	27.7	0.0	59.6

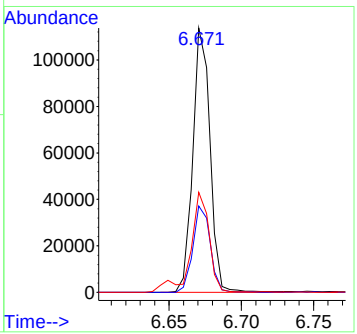


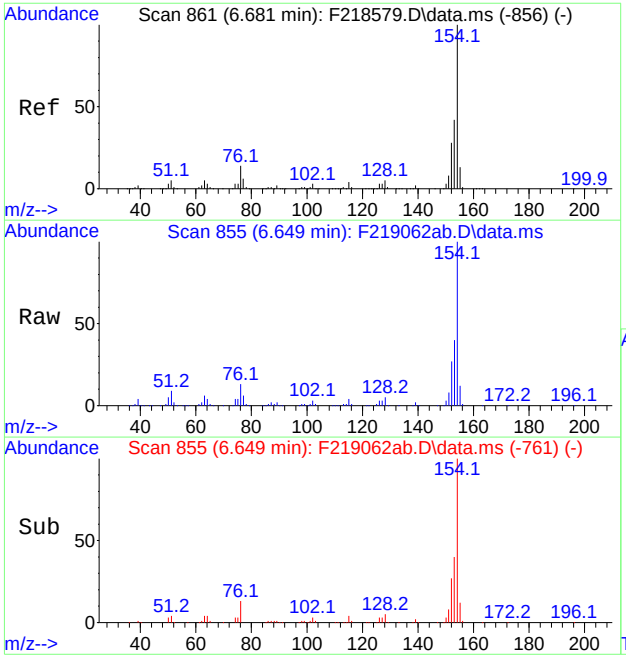


#52
2-Chloronaphthalene
Concen: 18.9089 ppm
RT: 6.671 min Scan# 859
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:162 Resp: 94206

Ion	Ratio	Lower	Upper
162	100		
164	32.7	2.6	62.6
127	36.5	5.4	65.4

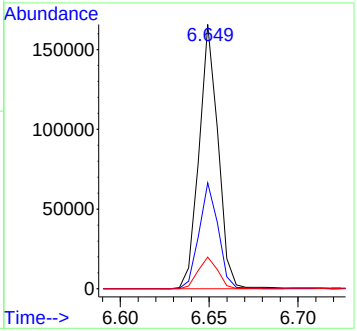


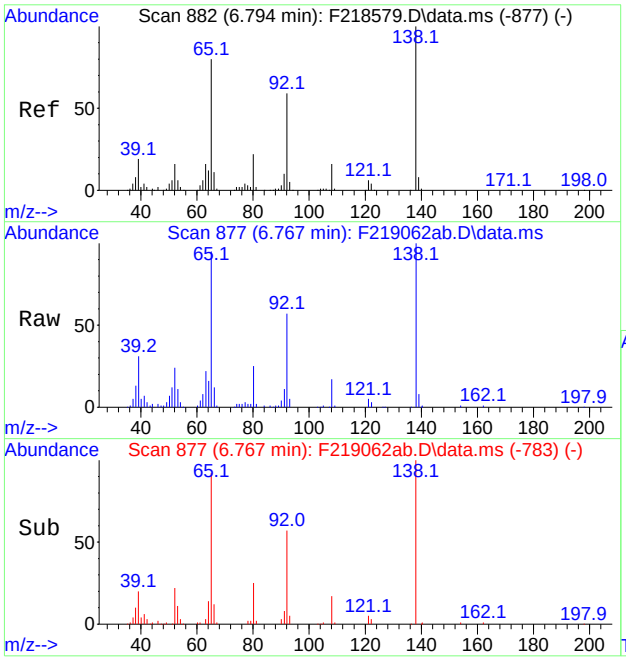


#53
Biphenyl
Concen: 19.1265 ppm
RT: 6.649 min Scan# 855
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:154 Resp: 123452

Ion	Ratio	Lower	Upper
154	100		
153	40.1	11.7	71.7
155	12.1	0.0	43.1

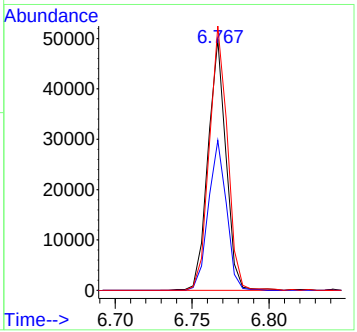


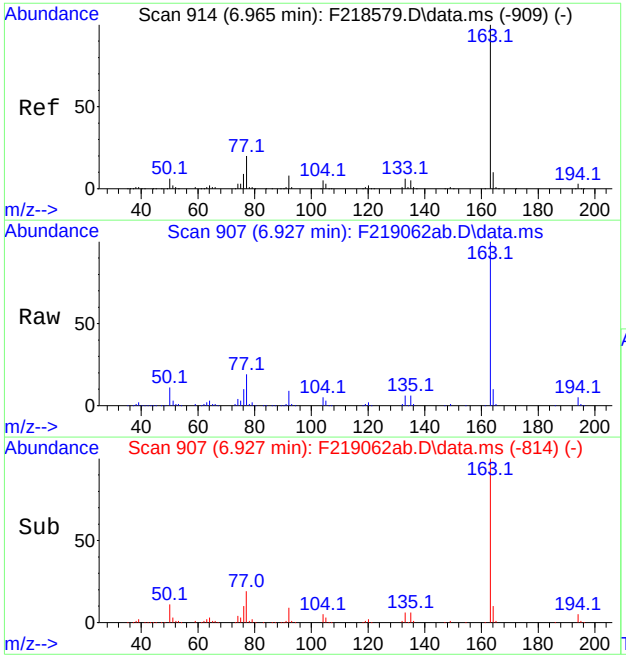


#54
2-Nitroaniline
Concen: 40.1927 ppm
RT: 6.767 min Scan# 877
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 65 Resp: 40411

Ion	Ratio	Lower	Upper
65	100		
92	59.7	30.1	90.1
138	105.3	74.5	134.5

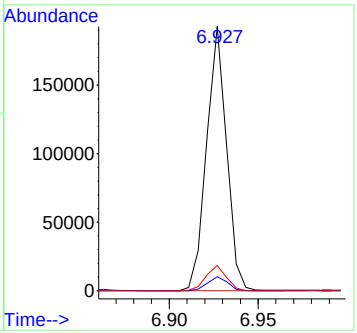


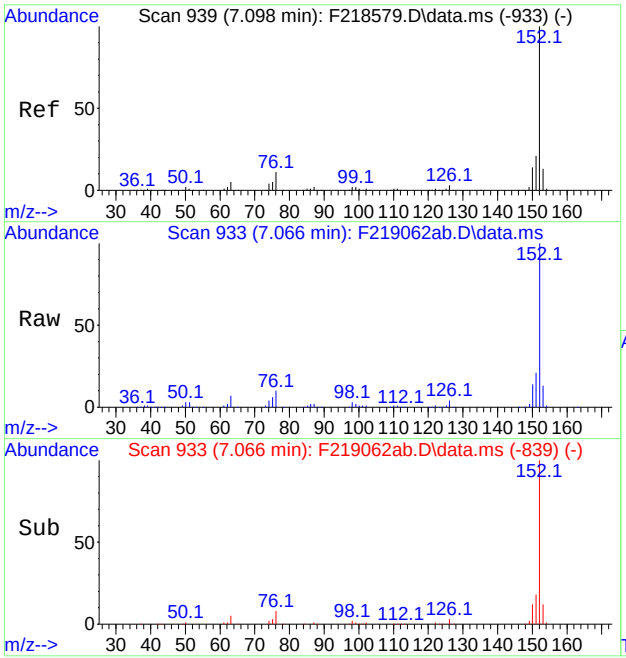


#55
Dimethylphthalate
Concen: 27.7457 ppm
RT: 6.927 min Scan# 907
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:163 Resp: 151006

Ion	Ratio	Lower	Upper
163	100		
194	5.3	0.0	35.5
164	9.6	0.0	40.0

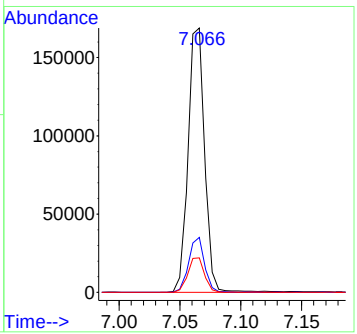


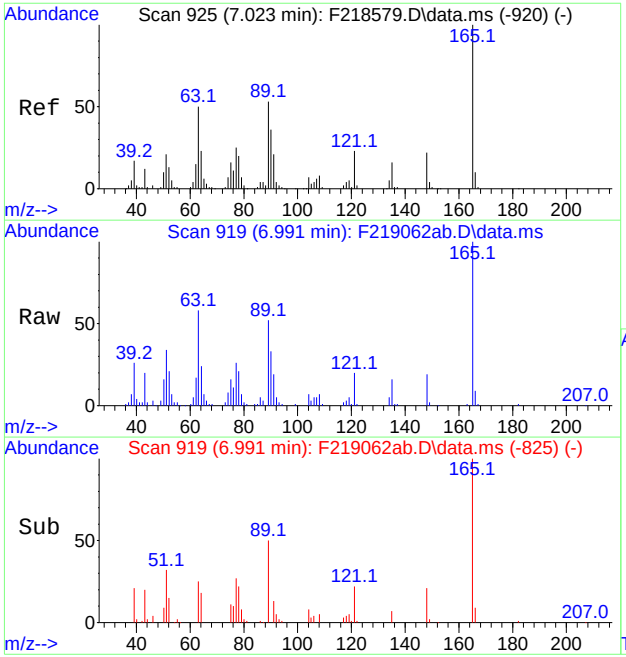


#56
Acenaphthylene
Concen: 26.1431 ppm
RT: 7.066 min Scan# 933
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:152 Resp: 161238

Ion	Ratio	Lower	Upper
152	100		
151	20.9	0.0	49.7
153	13.1	0.0	42.8

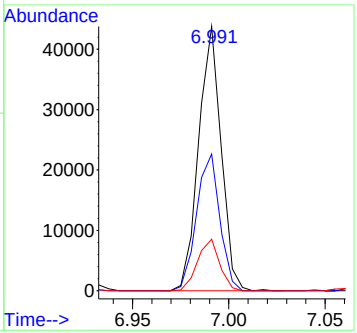


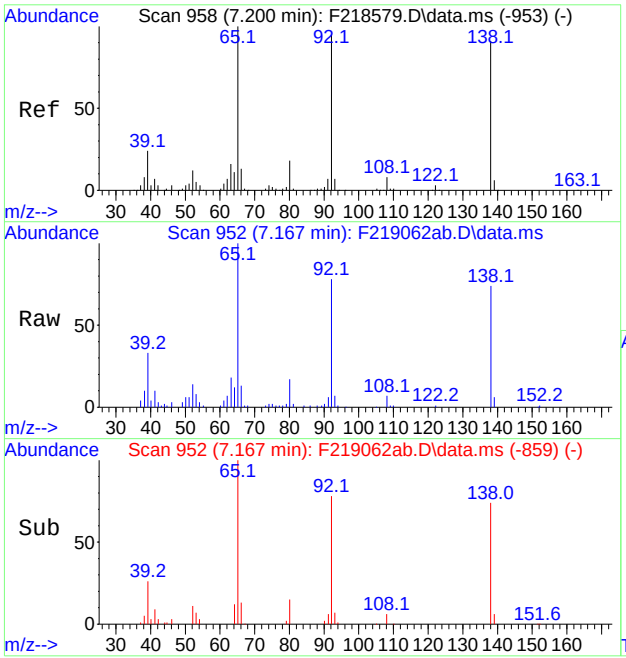


#57
2,6-Dinitrotoluene
Concen: 37.7532 ppm
RT: 6.991 min Scan# 919
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:165 Resp: 35703

Ion	Ratio	Lower	Upper
165	100		
89	51.8	28.6	88.6
121	19.5	0.0	51.0

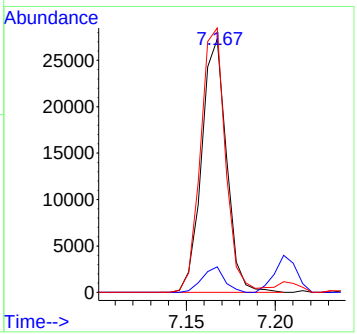


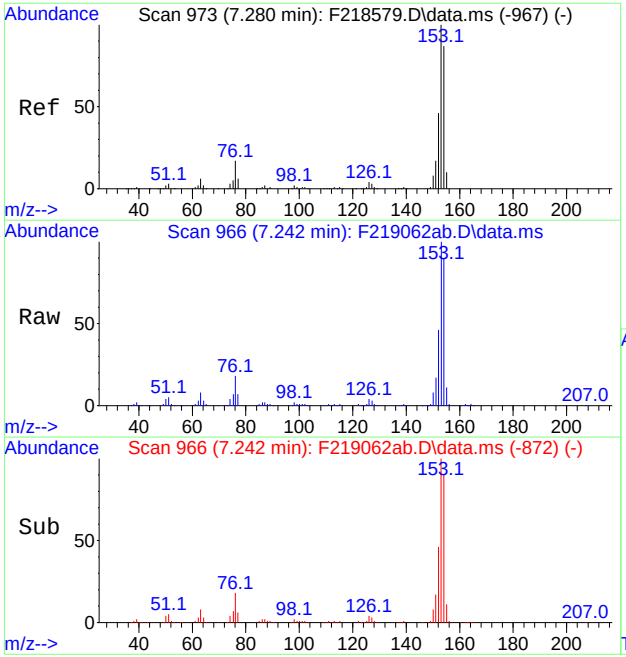


#58
3-Nitroaniline
Concen: 22.3232 ppm
RT: 7.167 min Scan# 952
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:138 Resp: 26502

Ion	Ratio	Lower	Upper
138	100		
108	2.7	0.0	39.2
92	102.4	71.8	131.8

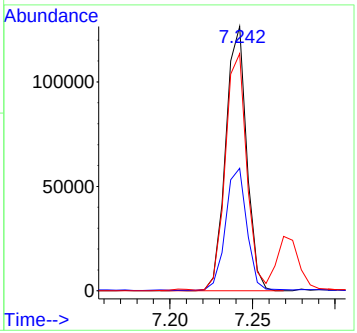


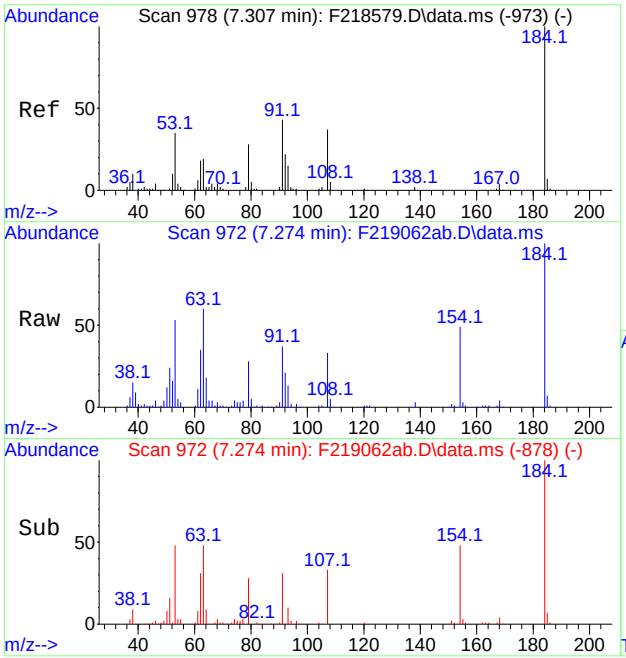


#59
Acenaphthene
Concen: 20.4090 ppm
RT: 7.242 min Scan# 966
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:153 Resp: 111912

Ion	Ratio	Lower	Upper
153	100		
152	46.0	15.8	75.8
154	79.4	53.0	113.0

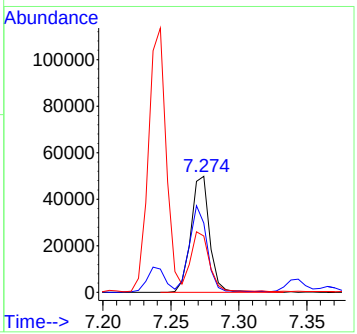


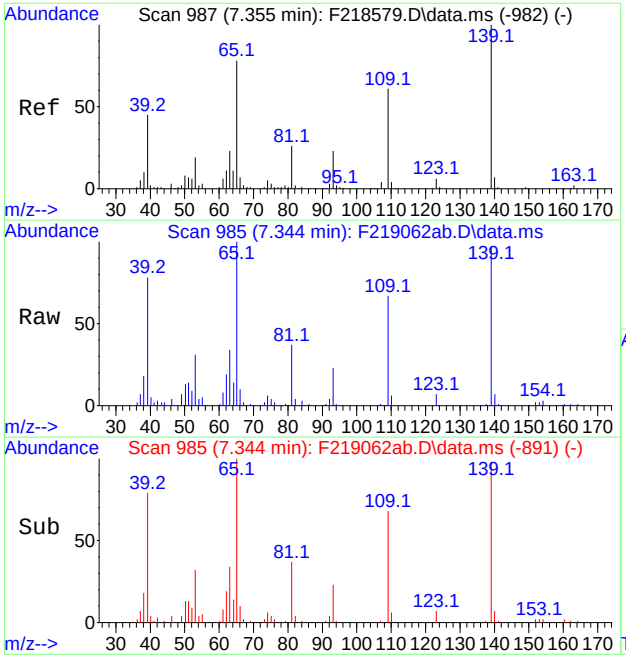


#60
2,4-Dinitrophenol
Concen: 103.5647 ppm
RT: 7.274 min Scan# 972
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:184 Resp: 47761

Ion	Ratio	Lower	Upper
184	100		
63	47.2	29.1	89.1
154	0.0	0.0	30.0

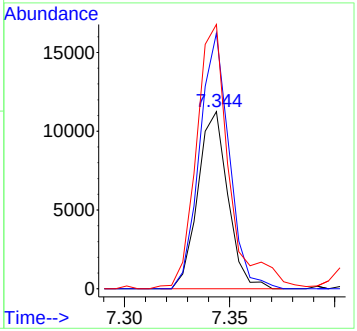


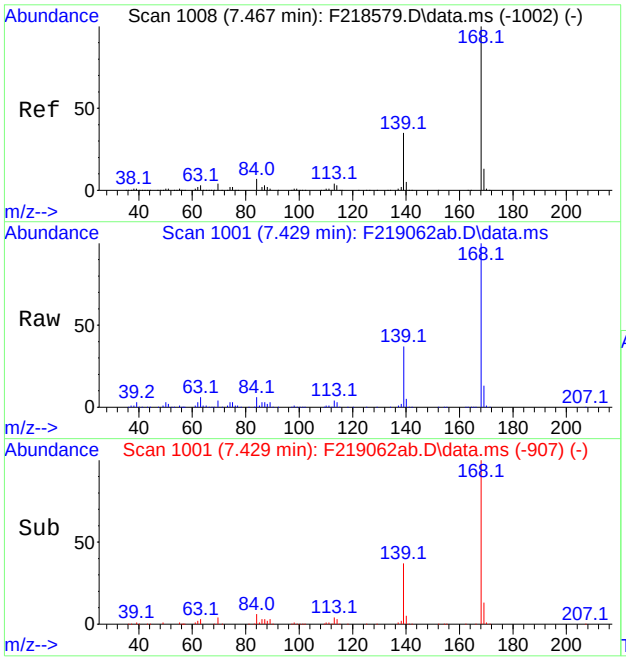


#61
4-Nitrophenol
Concen: 19.9180 ppm
RT: 7.344 min Scan# 985
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:109 Resp: 11223

Ion	Ratio	Lower	Upper
109	100		
139	144.2	122.7	182.7
65	146.5	128.1	188.1

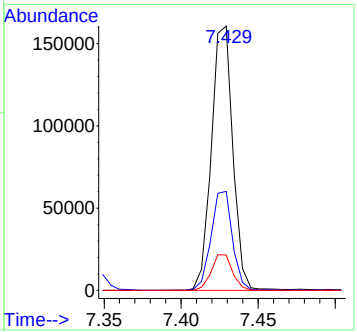


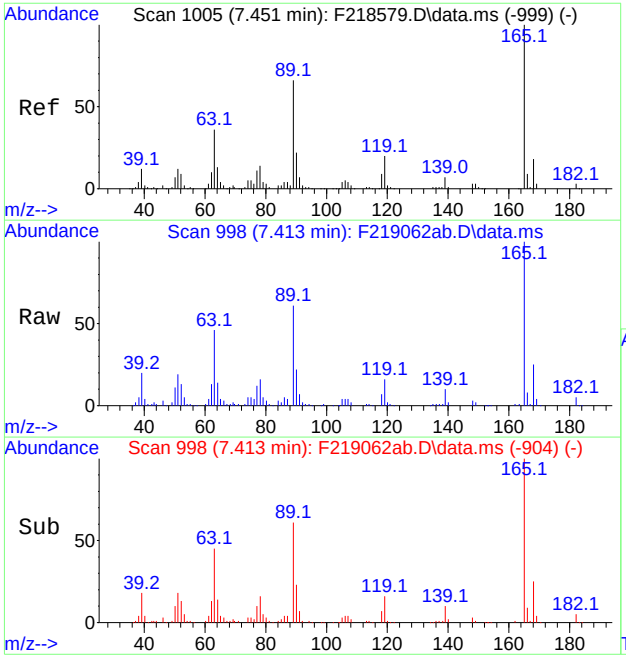


#62
Dibenzofuran
Concen: 22.2661 ppm
RT: 7.429 min Scan# 1001
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:168 Resp: 156225

Ion	Ratio	Lower	Upper
168	100		
139	37.5	6.6	66.6
169	13.4	0.0	43.3

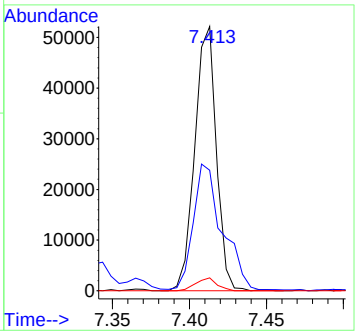


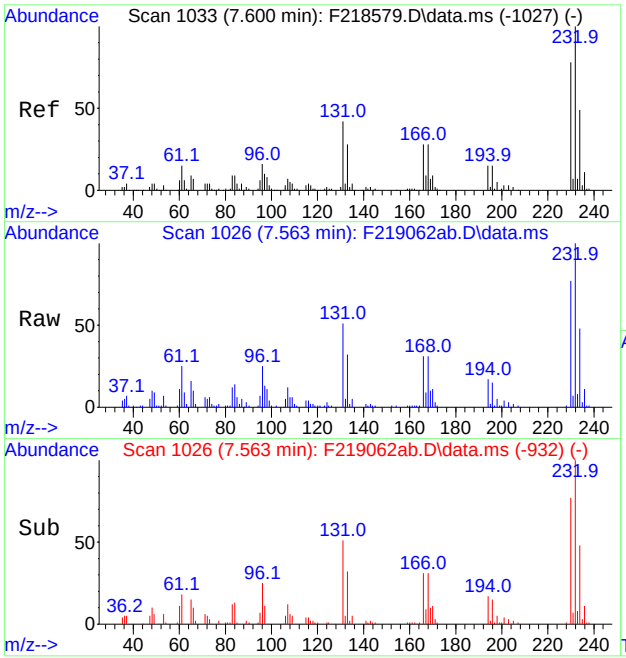


#63
2,4-Dinitrotoluene
Concen: 39.0404 ppm
RT: 7.413 min Scan# 998
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:165 Resp: 50958

Ion	Ratio	Lower	Upper
165	100		
63	45.1	19.9	79.9
182	4.9	0.0	34.6

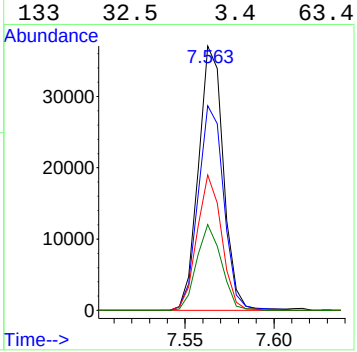


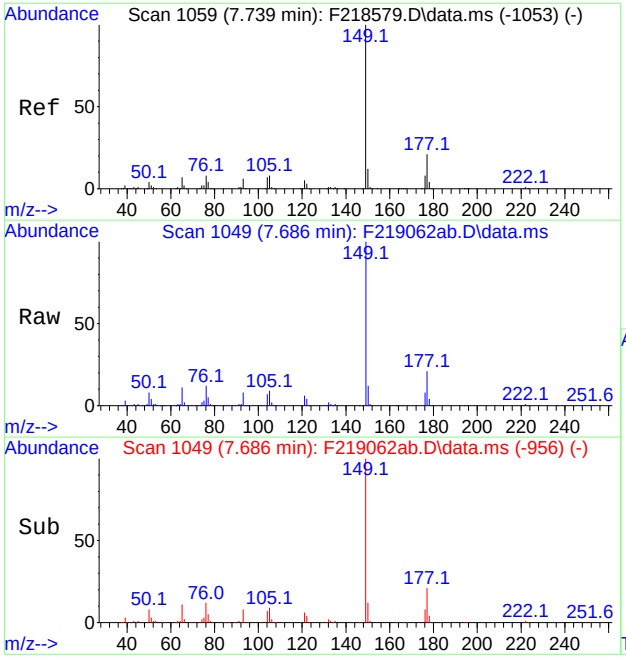


#64
2,3,4,6-Tetrachlorophenol
Concen: 29.3007 ppm
RT: 7.563 min Scan# 1026
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:232 Resp: 36170

Ion	Ratio	Lower	Upper
232	100		
230	77.3	49.6	109.6
131	51.3	23.8	83.8
133	32.5	3.4	63.4

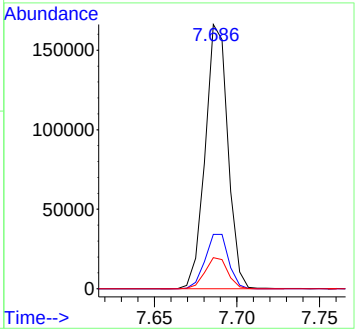


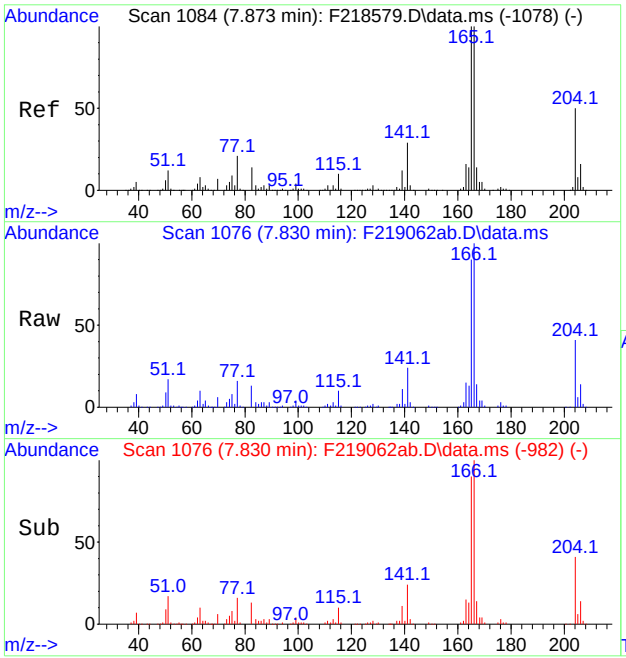


#65
Diethylphthalate
Concen: 29.2761 ppm
RT: 7.686 min Scan# 1049
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:149 Resp: 159343

Ion	Ratio	Lower	Upper
149	100		
177	20.6	0.0	51.3
150	11.8	0.0	42.0

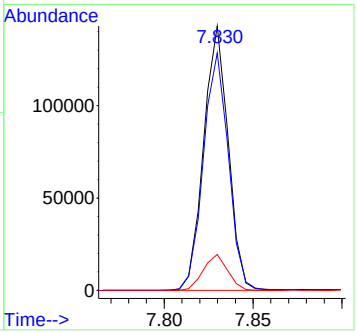


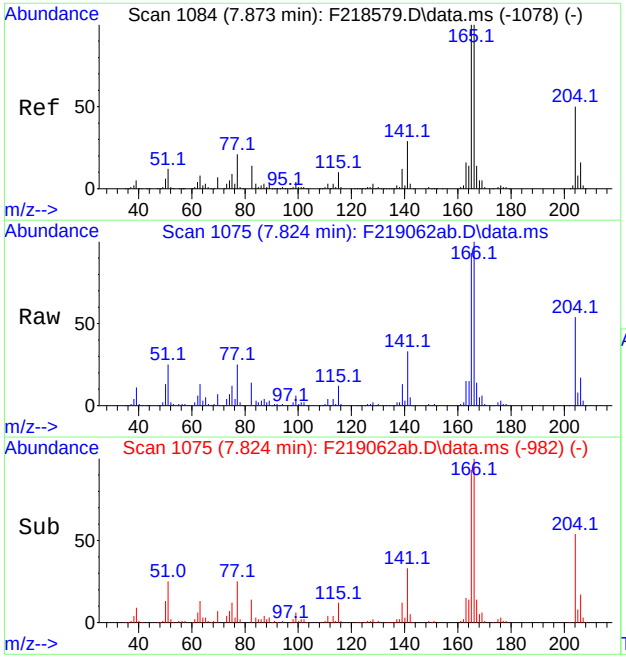


#66
Fluorene
Concen: 24.9277 ppm
RT: 7.830 min Scan# 1076
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:166 Resp: 137375

Ion	Ratio	Lower	Upper
166	100		
165	89.7	62.5	122.5
167	13.6	0.0	43.1

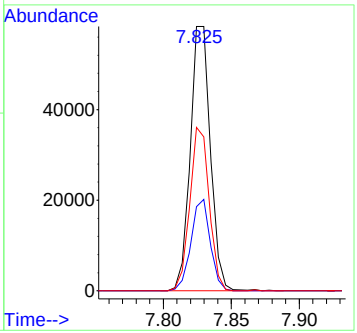


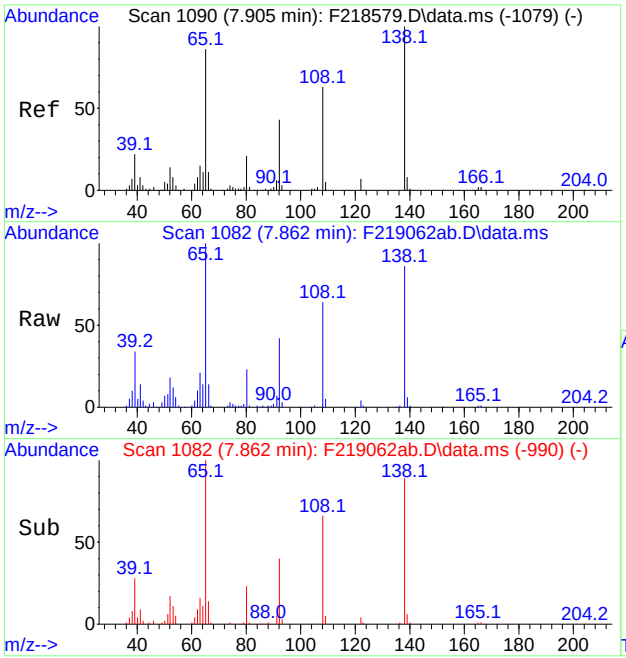


#67
4-Chlorophenyl-phenylether
Concen: 23.3367 ppm
RT: 7.824 min Scan# 1075
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:204 Resp: 60214

Ion	Ratio	Lower	Upper
204	100		
206	31.8	3.0	63.0
141	61.9	33.0	93.0

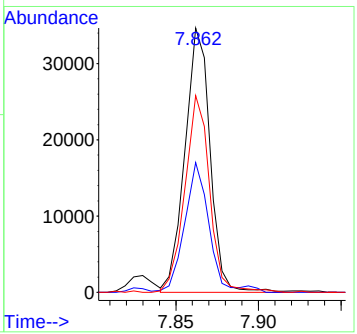


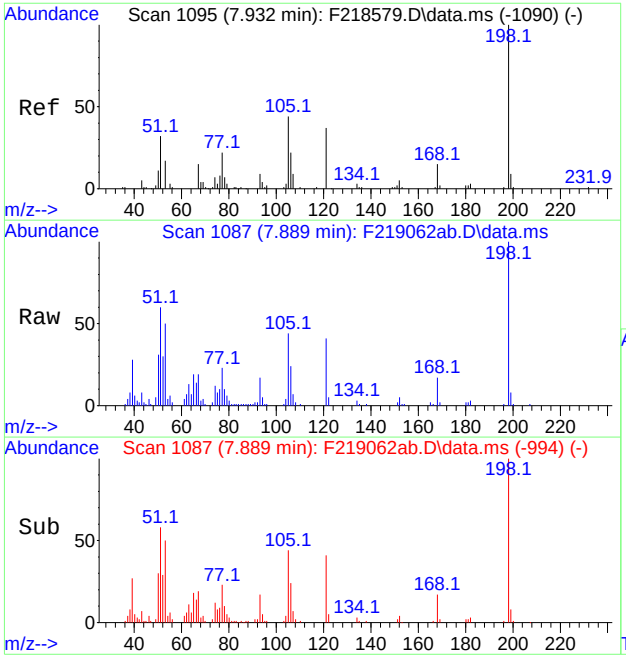


#68
4-Nitroaniline
Concen: 30.4689 ppm
RT: 7.862 min Scan# 1082
Delta R.T. -0.011 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:138 Resp: 36841

Ion	Ratio	Lower	Upper
138	100		
92	49.2	13.1	73.1
108	74.9	40.4	100.4

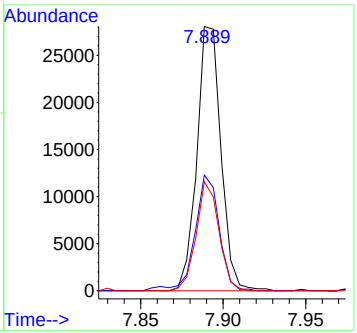


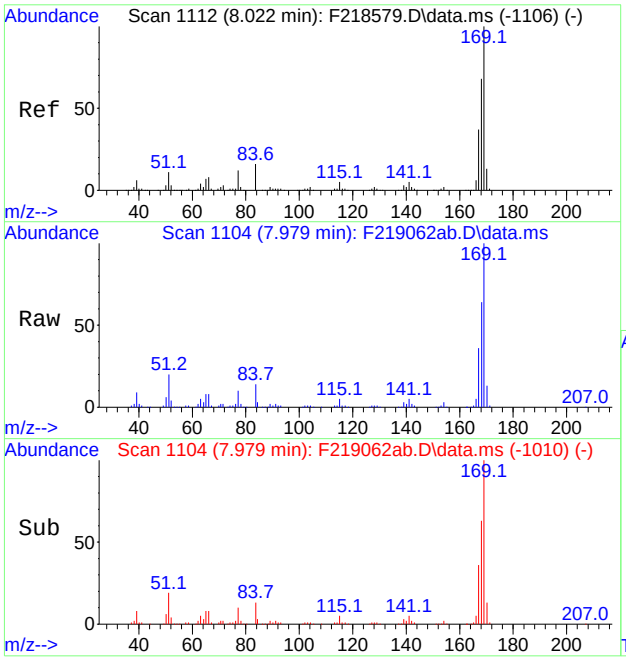


#70
4,6-Dinitro-2-methylphenol
Concen: 51.9784 ppm
RT: 7.889 min Scan# 1087
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:198 Resp: 28589

Ion	Ratio	Lower	Upper
198	100		
105	42.9	13.4	73.4
121	41.3	9.5	69.5

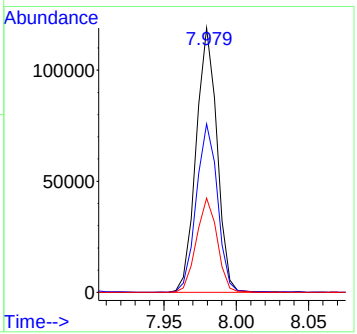


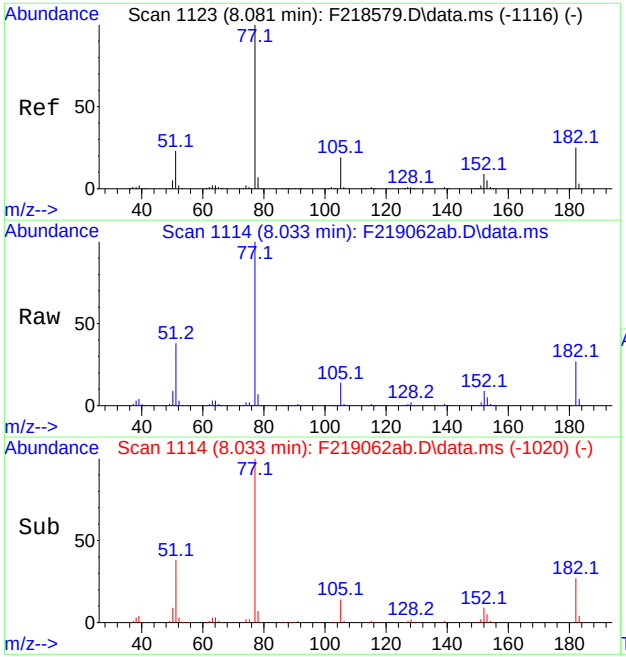


#71
n-Nitrosodiphenylamine
Concen: 28.1687 ppm
RT: 7.979 min Scan# 1104
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:169 Resp: 119322

Ion	Ratio	Lower	Upper
169	100		
168	63.6	32.8	92.8
167	35.6	3.3	63.3

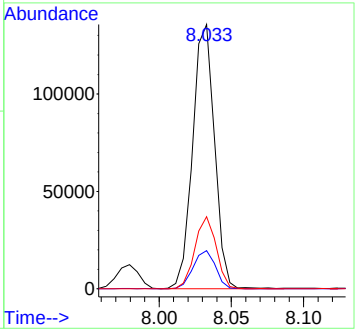


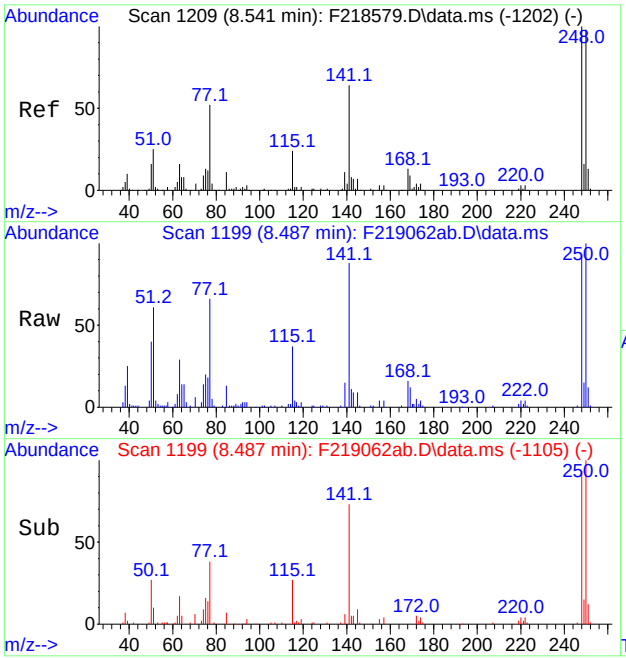


#72
1,2-Diphenylhydrazine
Concen: 30.5756 ppm
RT: 8.033 min Scan# 1114
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 77 Resp: 143575

Ion	Ratio	Lower	Upper
77	100		
105	14.4	0.0	45.0
182	27.3	0.0	56.4

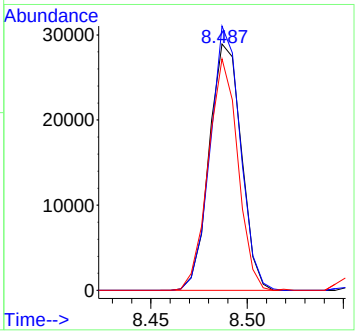


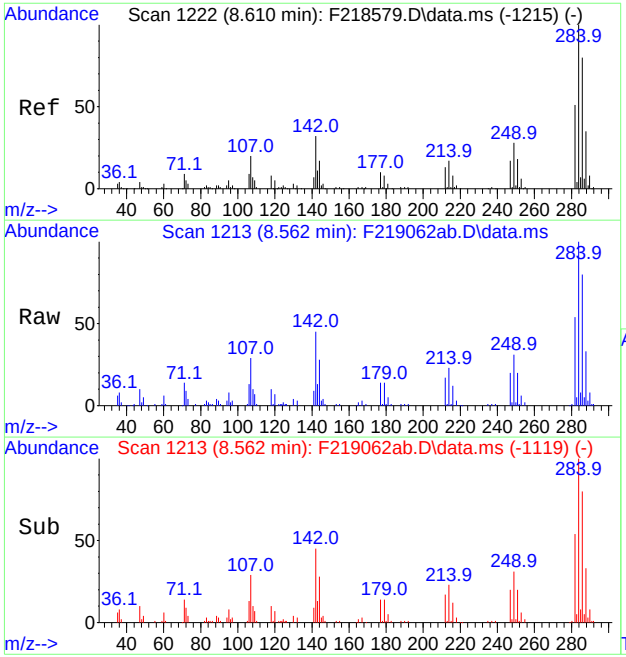


#74
4-Bromophenyl-phenylether
Concen: 22.2082 ppm
RT: 8.487 min Scan# 1199
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:248 Resp: 33510

Ion	Ratio	Lower	Upper
248	100		
250	107.4	71.3	131.3
141	93.7	63.6	123.6

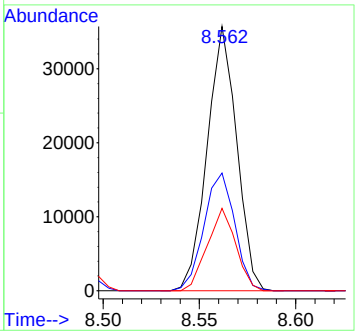


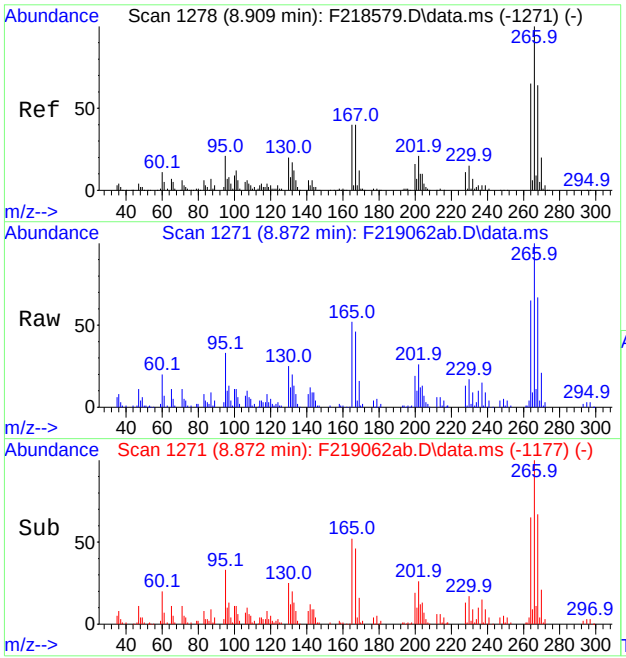


#75
Hexachlorobenzene
Concen: 20.1282 ppm
RT: 8.562 min Scan# 1213
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:284 Resp: 38191

Ion	Ratio	Lower	Upper
284	100		
142	44.6	17.3	77.3
249	31.2	2.5	62.5

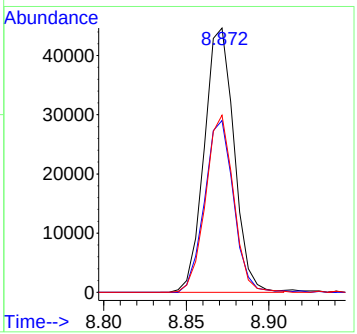


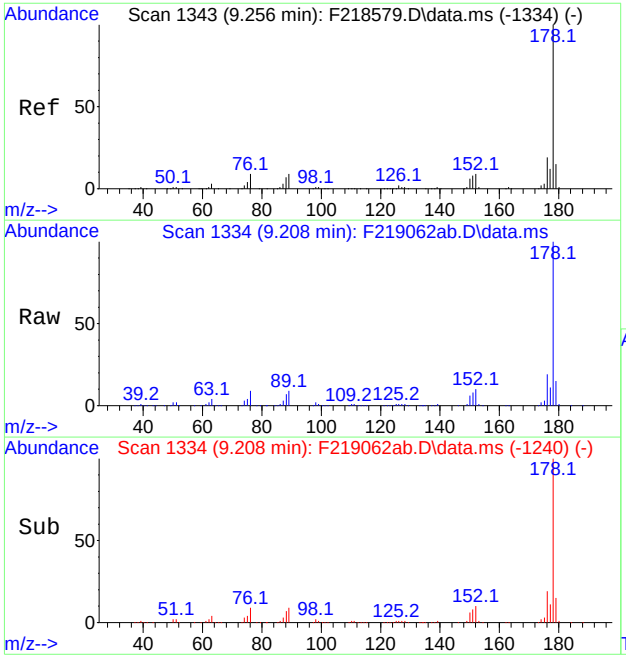


#76
Pentachlorophenol
Concen: 58.0654 ppm
RT: 8.872 min Scan# 1271
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:266 Resp: 56333

Ion	Ratio	Lower	Upper
266	100		
264	64.9	30.6	90.6
268	67.0	32.4	92.4

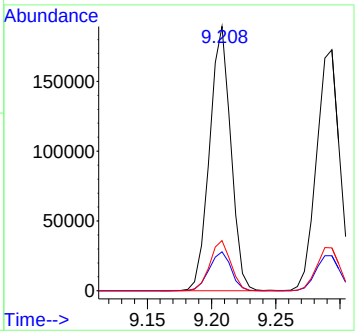


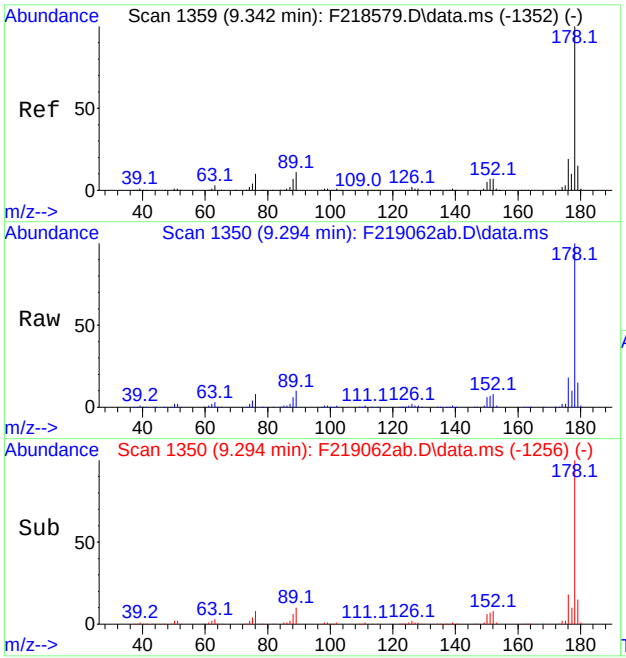


#77
Phenanthrene
Concen: 28.4557 ppm
RT: 9.208 min Scan# 1334
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:178 Resp: 218774

Ion	Ratio	Lower	Upper
178	100		
179	14.7	0.0	45.4
176	19.0	0.0	48.6

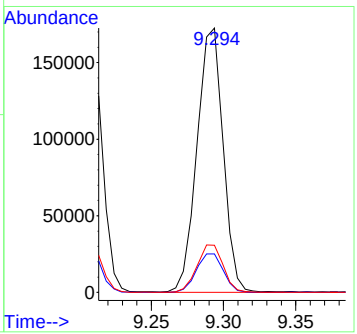


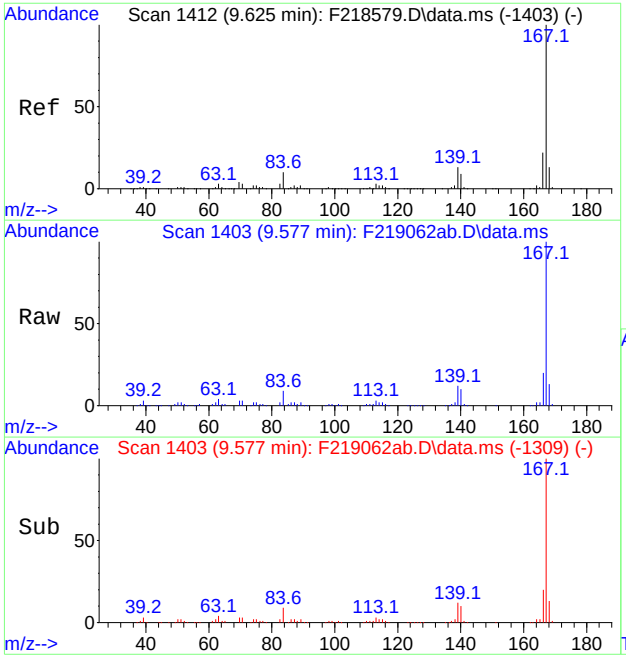


#78
Anthracene
Concen: 28.8120 ppm
RT: 9.294 min Scan# 1350
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:178 Resp: 216995

Ion	Ratio	Lower	Upper
178	100		
179	14.5	0.0	44.8
176	17.9	0.0	47.7

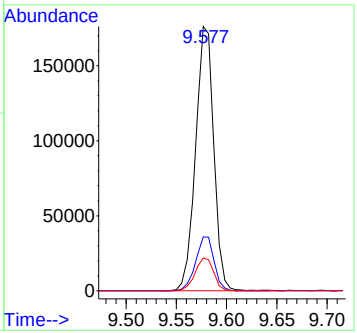


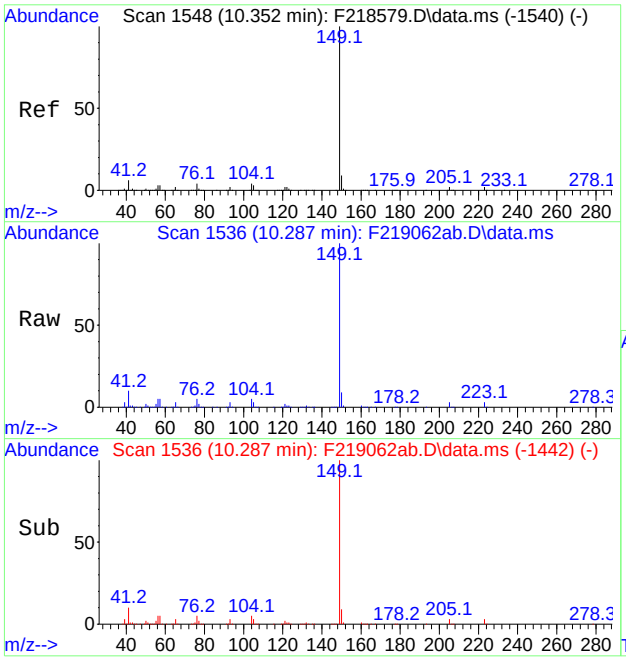


#79
Carbazole
Concen: 32.2053 ppm
RT: 9.577 min Scan# 1403
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:167 Resp: 223210

Ion	Ratio	Lower	Upper
167	100		
166	20.3	0.0	50.5
139	12.4	0.0	42.8

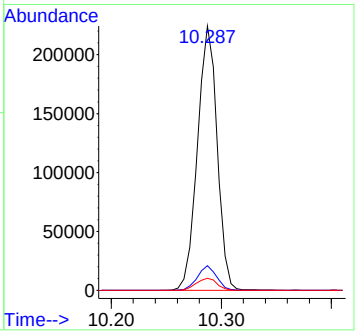


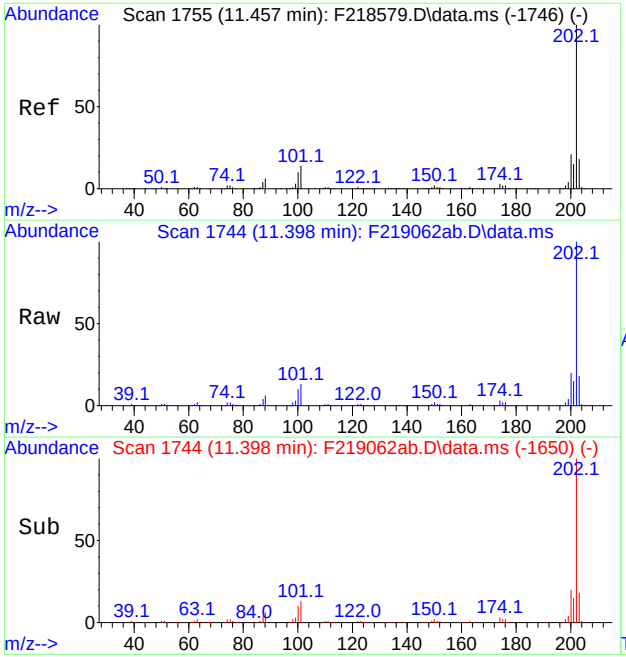


#80
Di-n-butylphthalate
Concen: 32.6389 ppm
RT: 10.287 min Scan# 1536
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:149 Resp: 278857

Ion	Ratio	Lower	Upper
149	100		
150	9.4	0.0	39.1
104	4.6	0.0	34.9

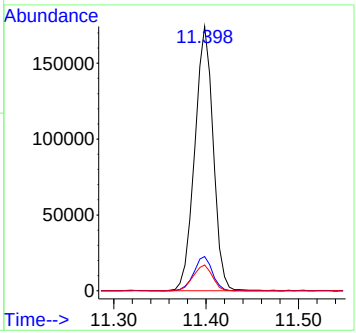


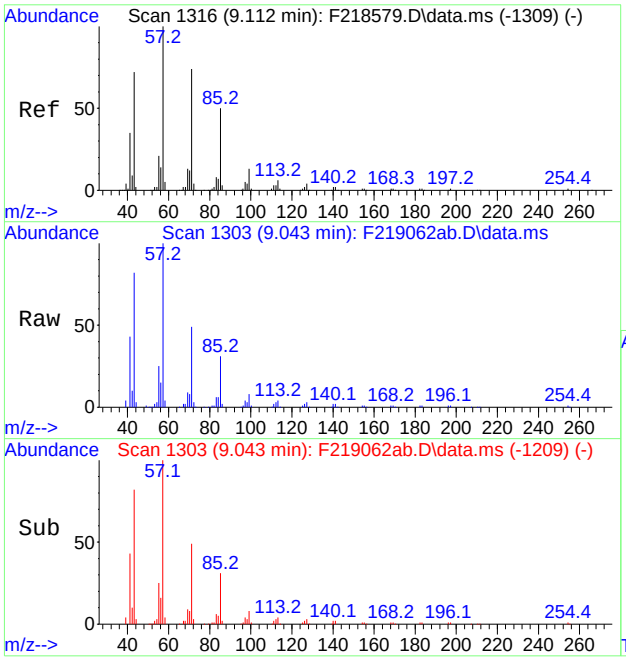


#81
Fluoranthene
Concen: 30.0709 ppm
RT: 11.398 min Scan# 1744
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:202 Resp: 241076

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	42.4
100	9.7	0.0	40.3

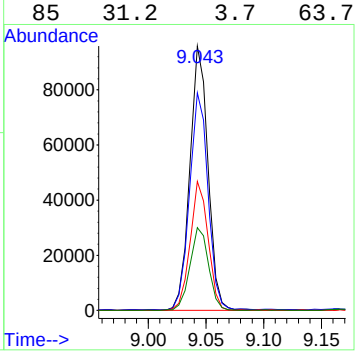


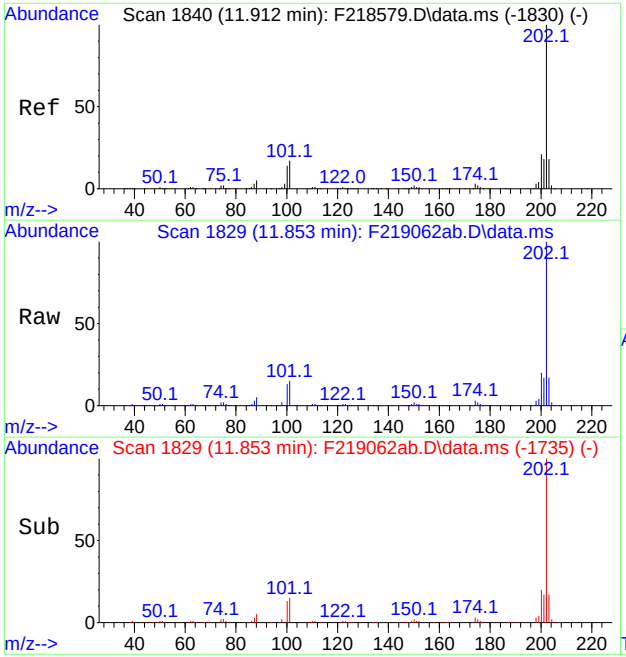


#82
Octadecane
Concen: 41.6626 ppm
RT: 9.043 min Scan# 1303
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 57 Resp: 105533

Ion	Ratio	Lower	Upper
57	100		
43	81.9	54.1	114.1
71	48.8	18.2	78.2
85	31.2	3.7	63.7

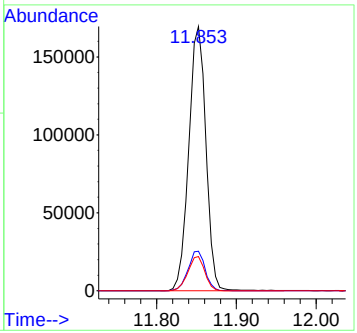


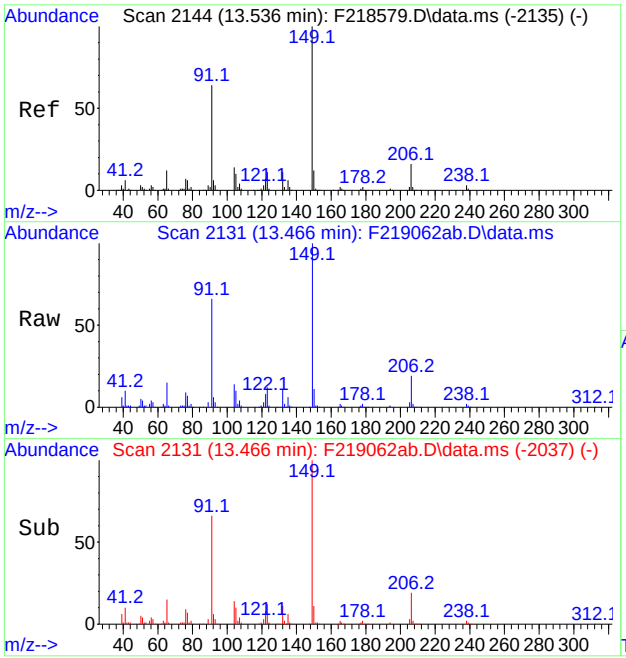


#85
Pyrene
Concen: 34.0310 ppm
RT: 11.853 min Scan# 1829
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:202 Resp: 253365

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	45.4
100	13.0	0.0	42.5

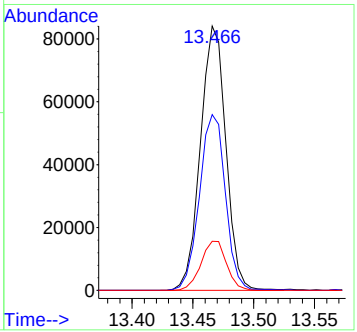


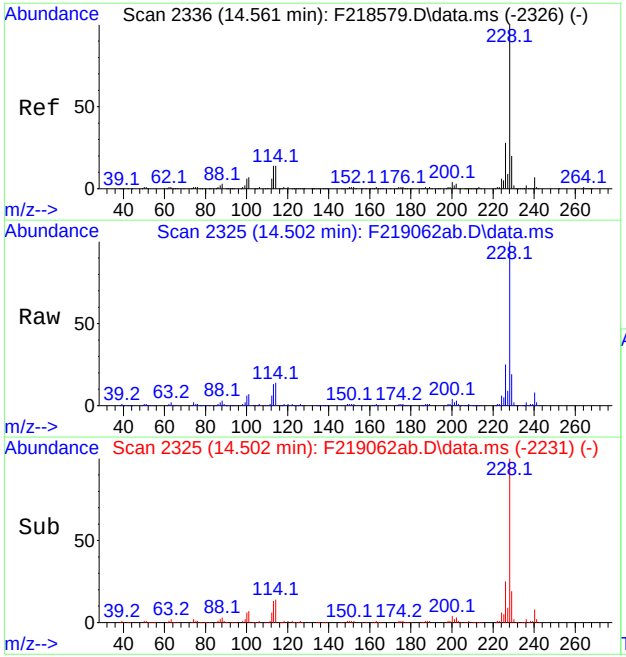


#87
Butylbenzylphthalate
Concen: 42.0797 ppm
RT: 13.466 min Scan# 2131
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:149 Resp: 122578

Ion	Ratio	Lower	Upper
149	100		
91	66.5	37.7	97.7
206	18.6	0.0	48.6

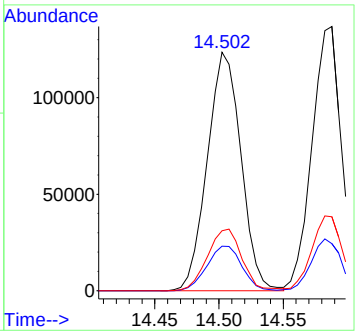


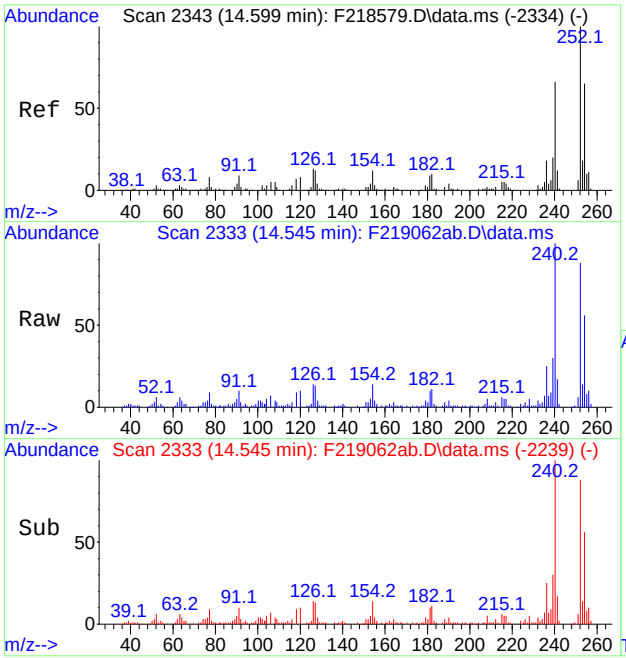


#88
Benzo[a]anthracene
Concen: 31.7963 ppm
RT: 14.502 min Scan# 2325
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:228 Resp: 226250

Ion	Ratio	Lower	Upper
228	100		
229	18.6	0.0	49.4
226	24.9	0.0	54.9

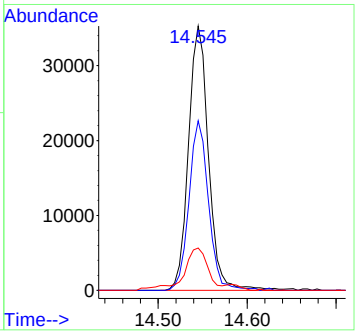


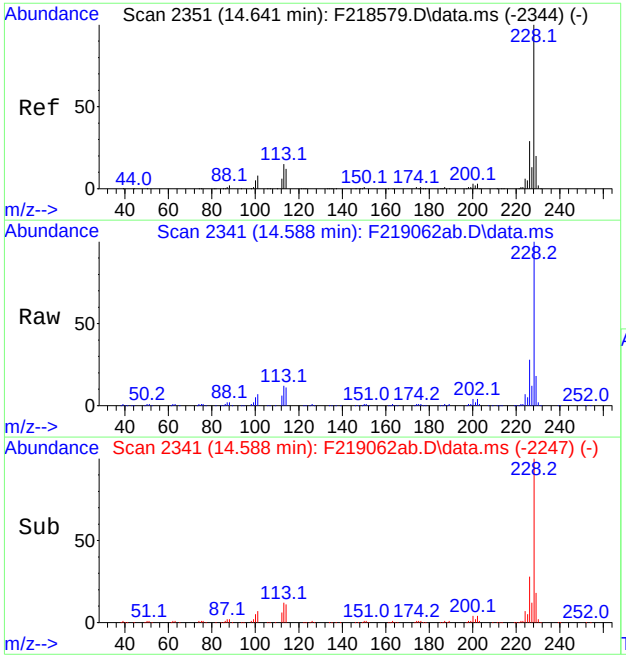


#89
3,3'-Dichlorobenzidine
Concen: 20.8224 ppm
RT: 14.545 min Scan# 2333
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:252 Resp: 55327

Ion	Ratio	Lower	Upper
252	100		
254	64.3	36.5	96.5
126	15.1	0.0	44.6

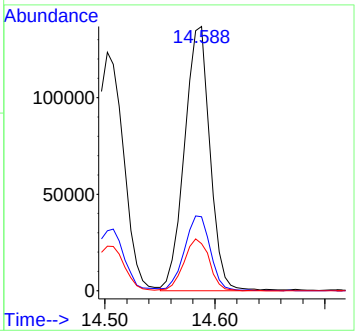


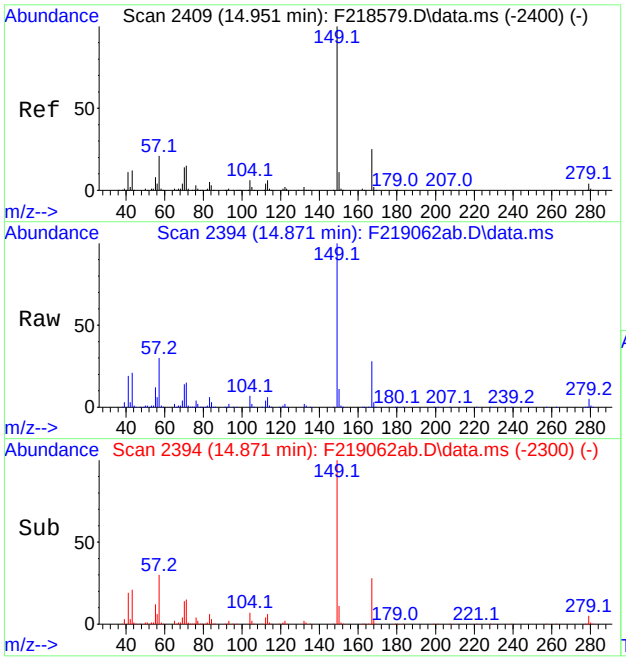


#90
Chrysene
Concen: 31.2849 ppm
RT: 14.588 min Scan# 2341
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:228 Resp: 220345

Ion	Ratio	Lower	Upper
228	100		
226	27.9	0.0	58.2
229	17.8	0.0	49.8

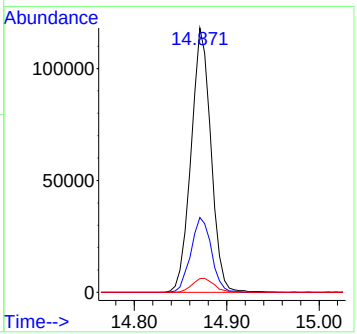


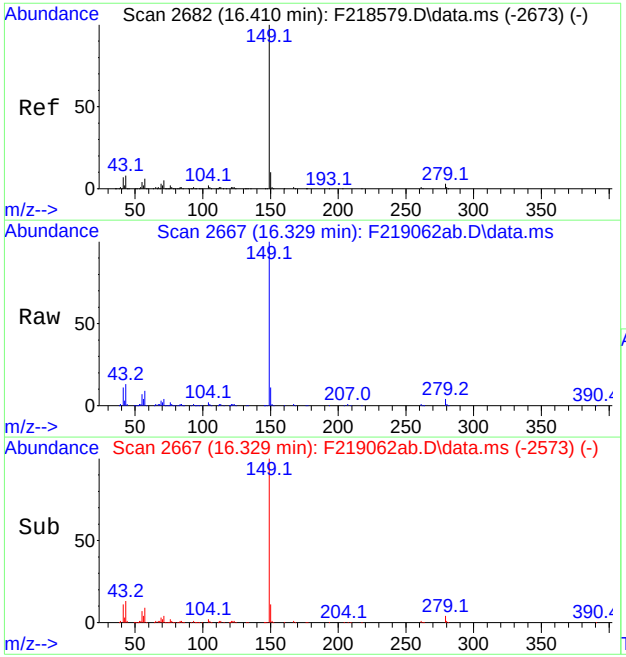


#91
bis(2-Ethylhexyl)phthalate
Concen: 40.0983 ppm
RT: 14.871 min Scan# 2394
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:149 Resp: 176204

Ion	Ratio	Lower	Upper
149	100		
167	28.4	0.0	58.9
279	5.2	0.0	35.5

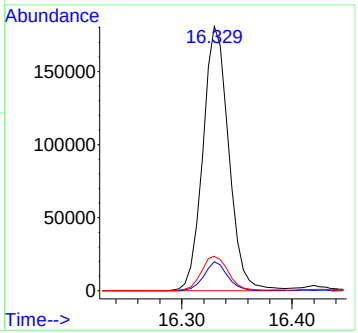


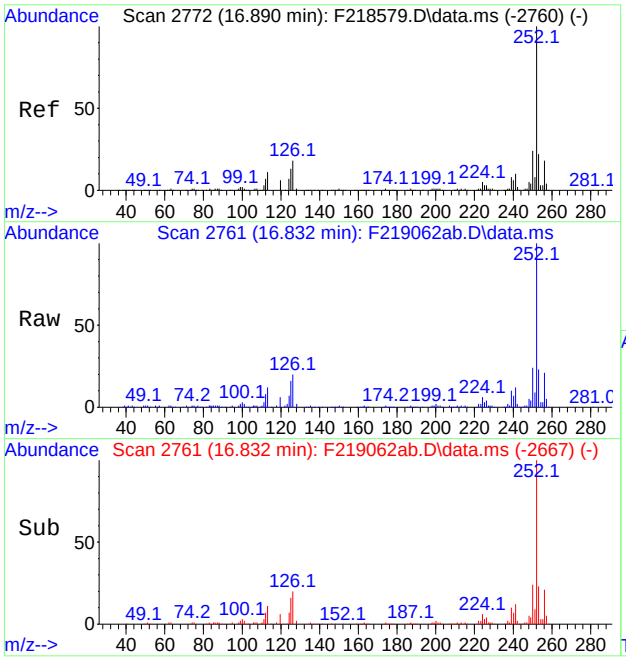


#93
Di-n-octylphthalate
Concen: 42.6254 ppm
RT: 16.329 min Scan# 2667
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:149 Resp: 295927

Ion	Ratio	Lower	Upper
149	100		
150	11.0	0.0	39.4
43	13.0	0.0	43.4

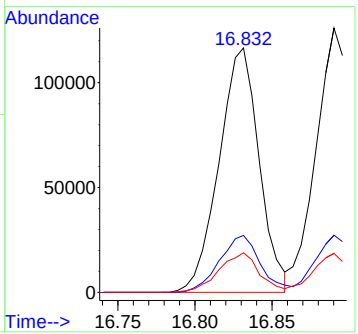


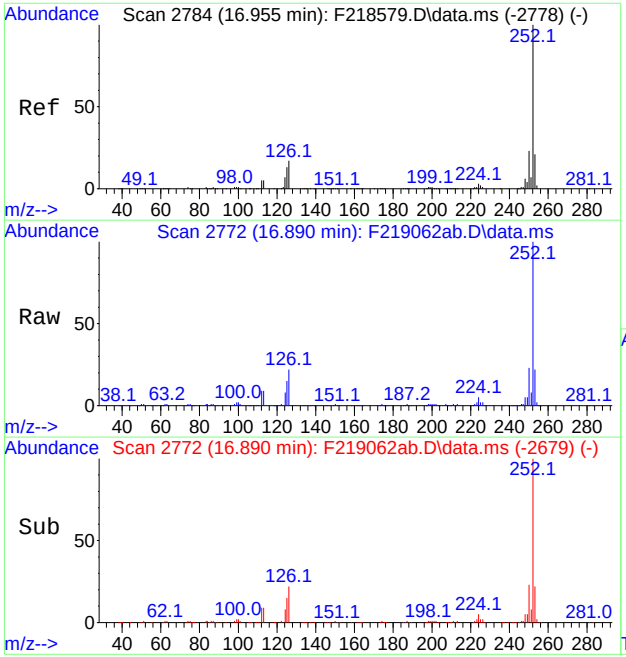


#94
Benzo[b]fluoranthene
Concen: 32.5366 ppm
RT: 16.832 min Scan# 2761
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:252 Resp: 211167

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	52.8
125	16.1	0.0	46.6

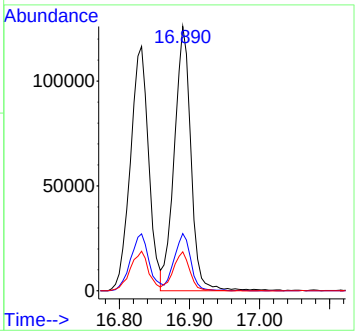


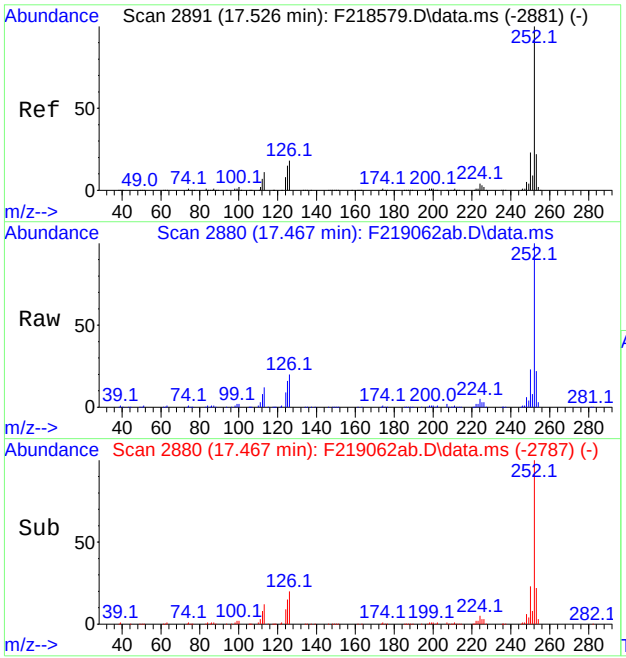


#95
Benzo[k]fluoranthene
Concen: 33.1574 ppm
RT: 16.890 min Scan# 2772
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:252 Resp: 207605

Ion	Ratio	Lower	Upper
252	100		
253	21.0	0.0	51.5
125	14.6	0.0	45.2

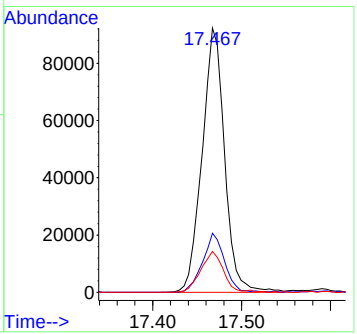


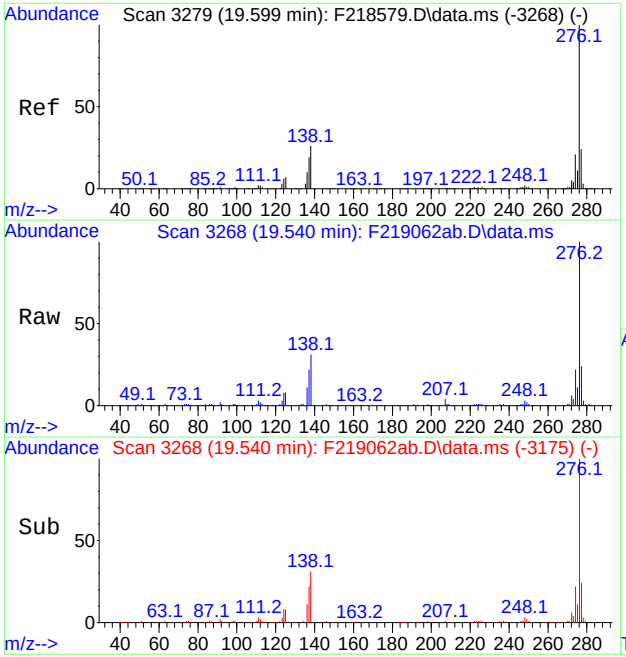


#96
Benzo[a]pyrene
Concen: 30.8788 ppm
RT: 17.467 min Scan# 2880
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:252 Resp: 162058

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	51.5
125	15.4	0.0	46.5

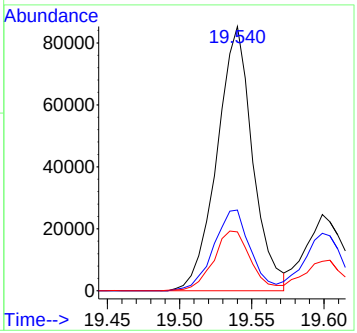


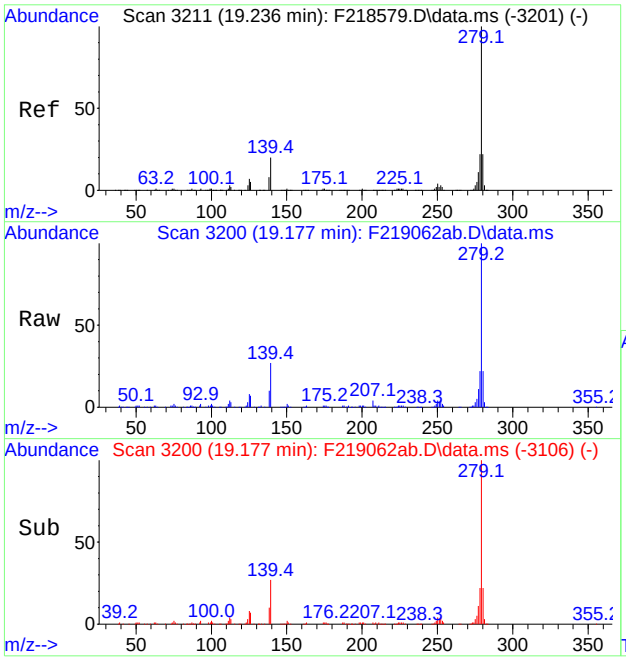


#97
Indeno[1,2,3-cd]pyrene
Concen: 26.9776 ppm
RT: 19.540 min Scan# 3268
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:276 Resp: 146857

Ion	Ratio	Lower	Upper
276	100		
138	29.8	0.0	59.6
137	22.0	0.0	53.8

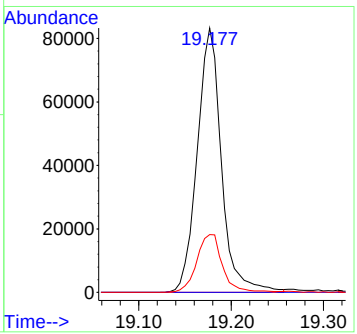


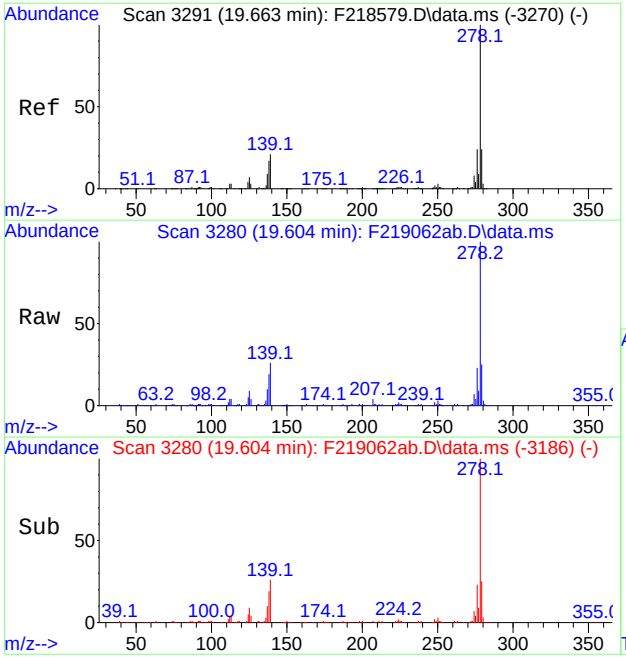


#98
Dibenz(a,h)acridine
Concen: 30.0775 ppm
RT: 19.177 min Scan# 3200
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:279 Resp: 151703

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	21.8	0.0	52.2

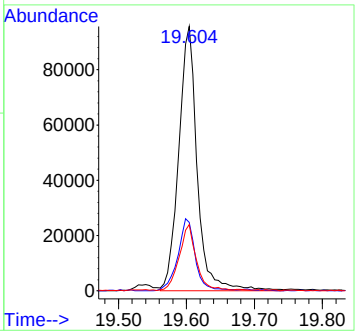


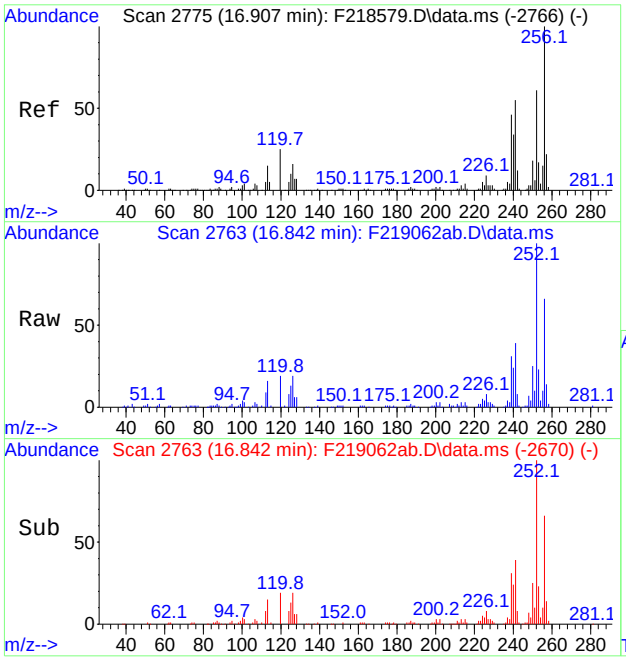


#99
Dibenz[a,h]anthracene
Concen: 29.6429 ppm
RT: 19.604 min Scan# 3280
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:278 Resp: 182587

Ion	Ratio	Lower	Upper
278	100		
139	25.8	0.0	54.8
279	24.9	0.0	54.2

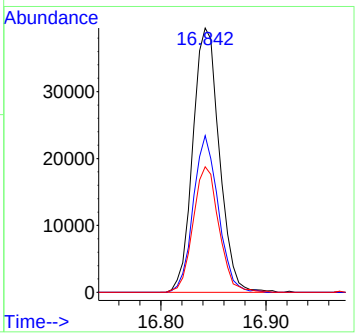


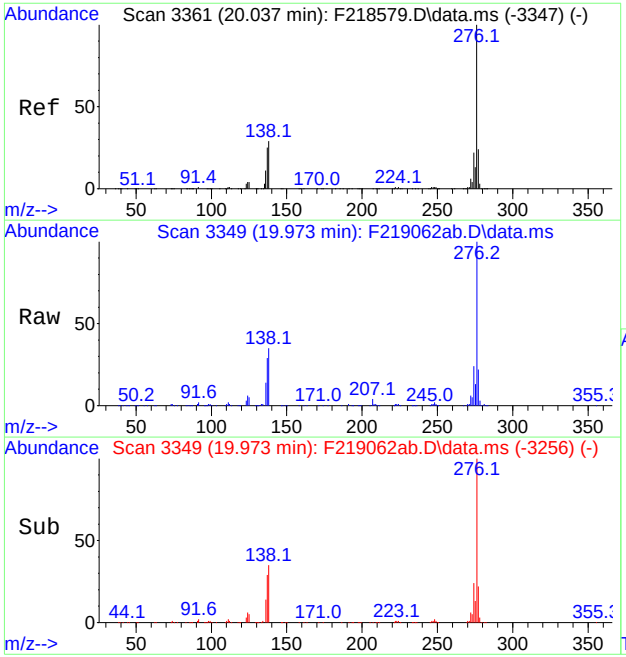


#100
7,12-Dimethylbenz(a)anthracene
Concen: 28.7601 ppm
RT: 16.842 min Scan# 2763
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:256 Resp: 69345

Ion	Ratio	Lower	Upper
256	100		
241	59.2	26.1	86.1
239	47.5	17.0	77.0

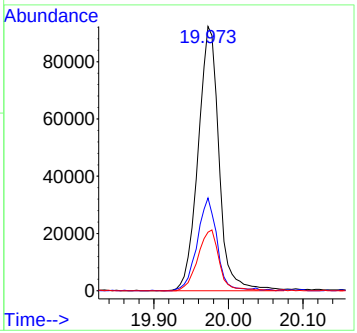


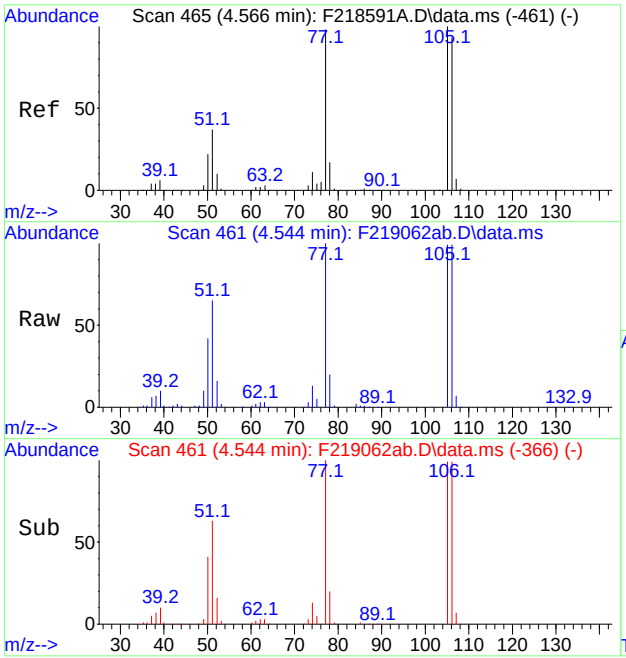


#101
Benzo[g,h,i]perylene
Concen: 28.1013 ppm
RT: 19.973 min Scan# 3349
Delta R.T. -0.006 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:276 Resp: 180160

Ion	Ratio	Lower	Upper
276	100		
138	35.0	6.8	66.8
277	22.0	0.0	53.3

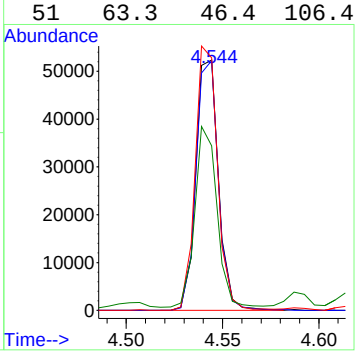


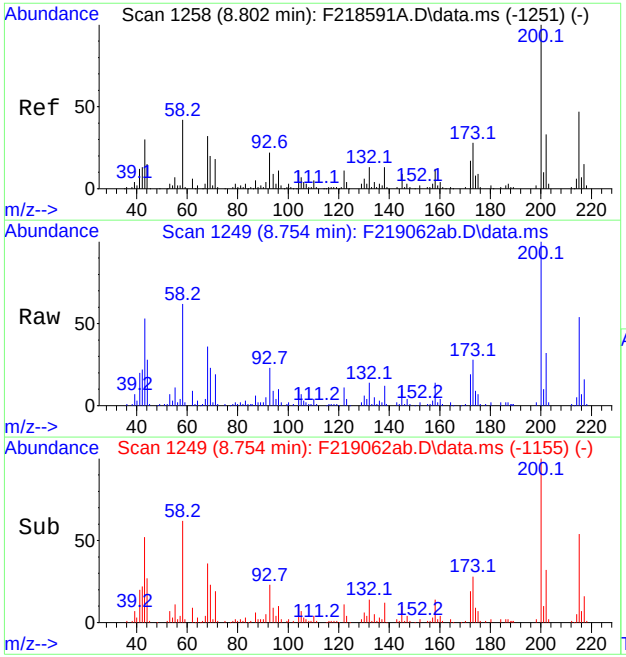


#158
Benzaldehyde
Concen: 21.5809 ppm
RT: 4.544 min Scan# 461
Delta R.T. 0.005 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:105 Resp: 42914

Ion	Ratio	Lower	Upper
105	100		
106	99.6	69.7	129.7
77	100.6	78.9	138.9
51	63.3	46.4	106.4

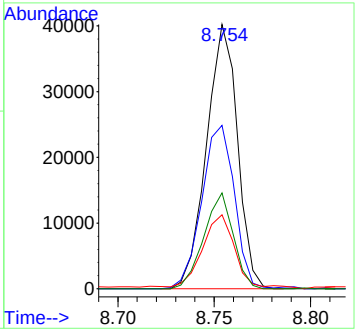


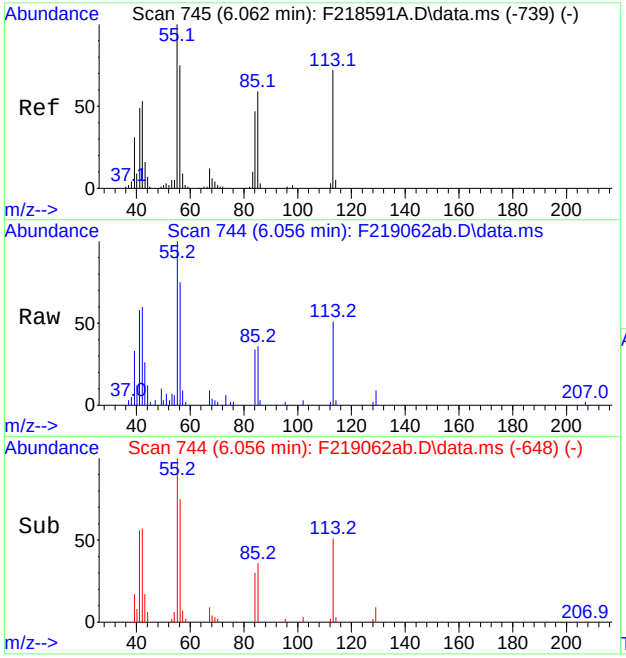


#160
Atrazine
Concen: 35.0681 ppm
RT: 8.754 min Scan# 1249
Delta R.T. -0.000 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion:200 Resp: 45028

Ion	Ratio	Lower	Upper
200	100		
58	61.5	34.8	94.8
44	27.1	0.0	56.5
68	36.3	5.5	65.5

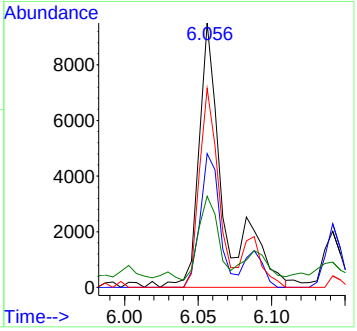




#162
Caprolactam
Concen: 16.3469 ppm m
RT: 6.056 min Scan# 744
Delta R.T. 0.010 min
Lab File: F219062ab.D
Acq: 20 Feb 2024 11:57 am

Tgt Ion: 55 Resp: 11216

Ion	Ratio	Lower	Upper
55	100		
113	50.6	20.1	80.1
56	75.2	45.9	105.9
84	34.4	0.1	60.1



Manual Integration Approval Summary

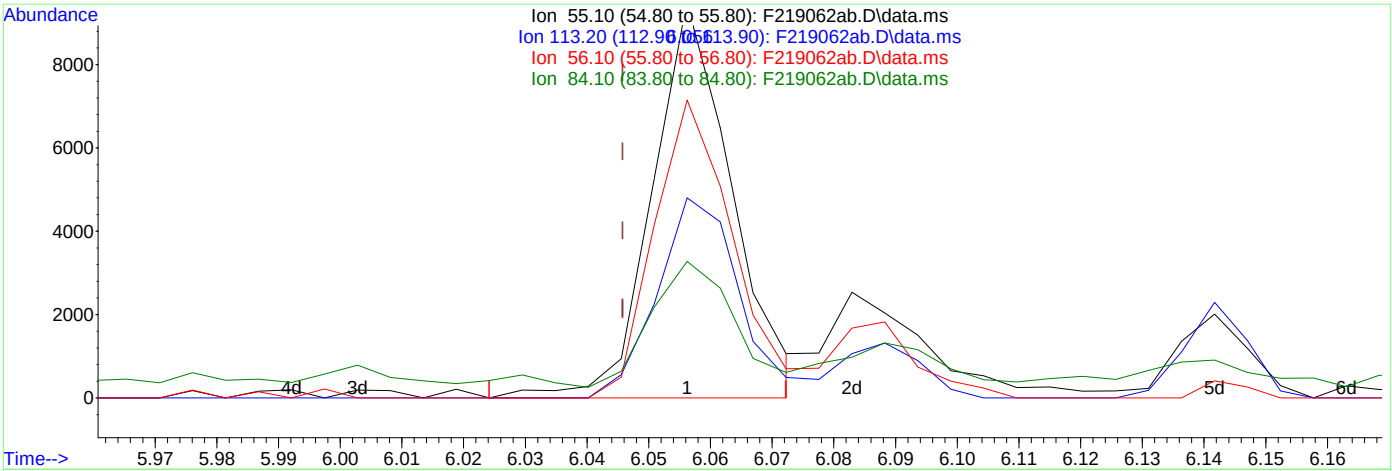
Sample Number: OP52499-BS1
Lab FileID: F219062AB.D
Injection Time: 02/20/24 11:57
Method: SW846 8270E
Analyst approved: 02/20/24 15:55 Anthony Torre
Supervisor approved: 02/22/24 04:15 Jeryll Fabriene Reyes

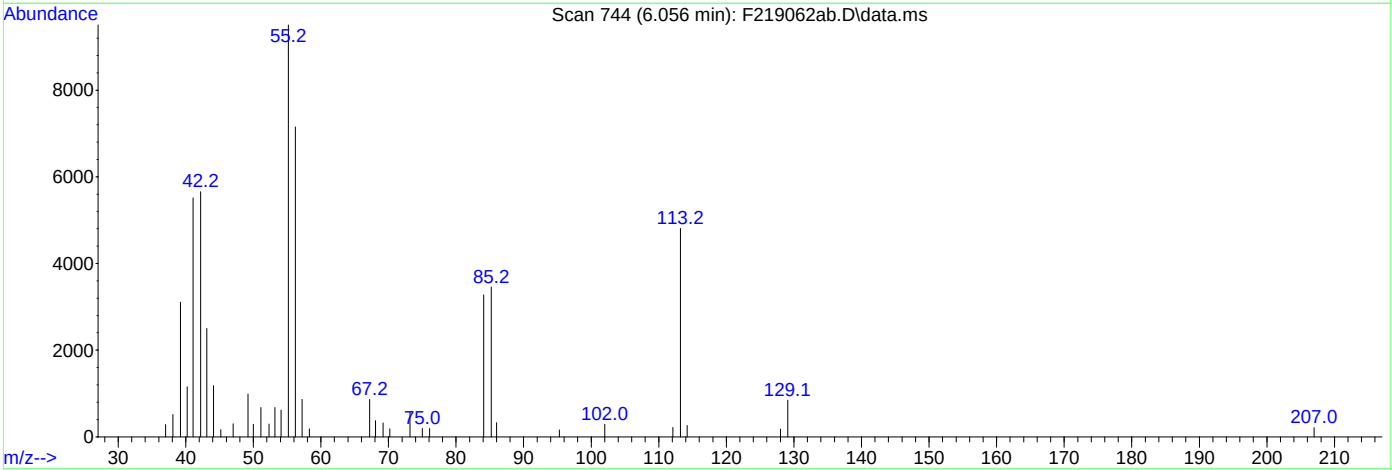
Parameter	CAS	Sig#	R.T. (min.)	Reason
Caprolactam	105-60-2		6.06	Poor instrument integration

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219062ab.D
Acq On : 20 Feb 2024 11:57 am
Operator : karimam
Sample : op52499-bs1 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 20 20:27:46 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 20:22:44 2024
Response via : Initial Calibration





TIC: F219062ab.D\data.ms

(162) Caprolactam

6.056min (+0.010) 12.34ppm

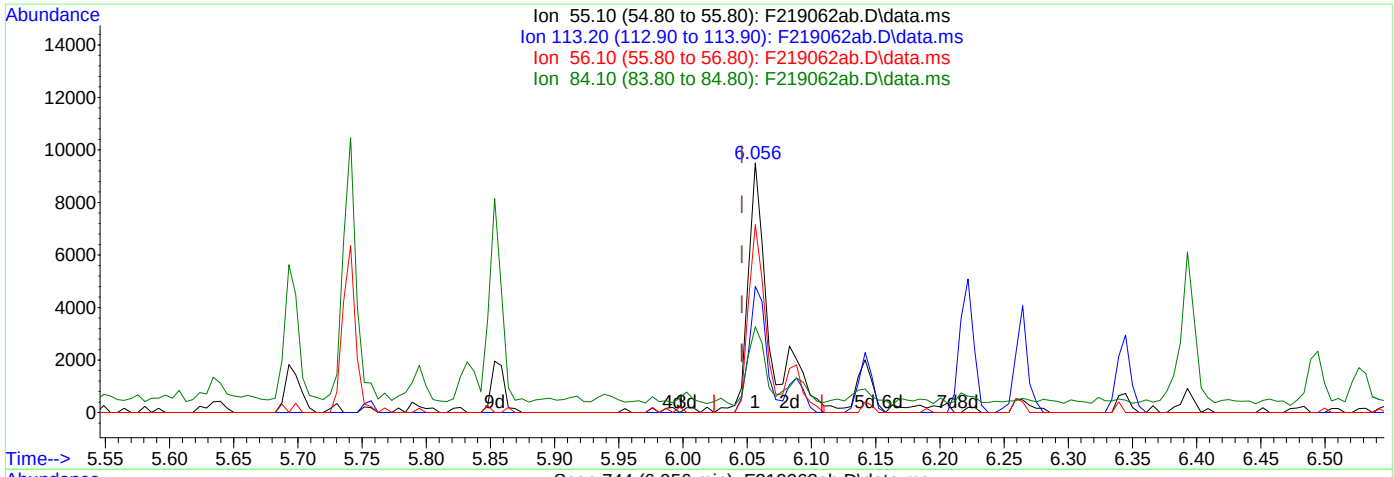
response 8465

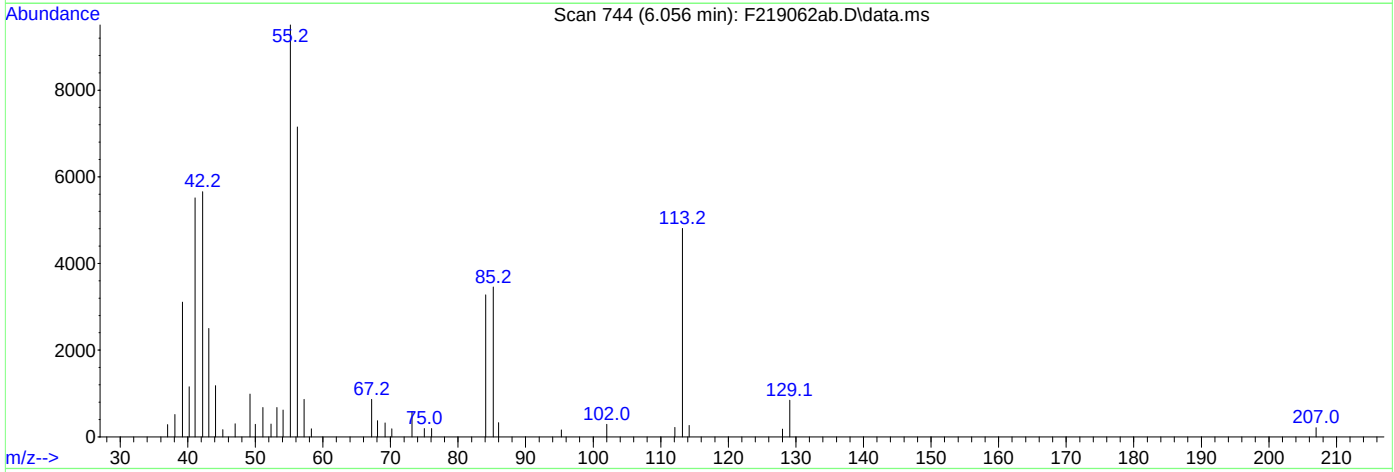
Ion	Exp%	Act%
55.10	100	100
113.20	50.10	50.80
56.10	75.90	75.74
84.10	30.10	30.74

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219062ab.D
Acq On : 20 Feb 2024 11:57 am
Operator : karimam
Sample : op52499-bs1 Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 20 20:29:12 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 20:22:44 2024
Response via : Initial Calibration





TIC: F219062ab.D\data.ms

(162) Caprolactam

6.056min (+0.010) 16.35ppm m

response 11216

Ion	Exp%	Act%
55.10	100	100
113.20	50.10	50.55
56.10	75.90	75.21
84.10	30.10	34.45

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219070.D
Acq On : 20 Feb 2024 3:29 pm
Operator : karimam
Sample : op52499-ms Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 21 01:35:20 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 01:01:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	4.844	152	77147	40.00	ppm		0.00
24) Naphthalene-d8	5.752	136	298566	40.00	ppm		0.01
46) Acenaphthene-d10	7.205	164	166831	40.00	ppm		0.00
69) Phenanthrene-d10	9.166	188	276003	40.00	ppm		0.00
83) Chrysene-d12	14.529	240	213478	40.00	ppm		0.01
92) Perylene-d12	17.585	264	204598	40.00	ppm		0.00
102) 1,4-Dichlorobenzene-d4b	4.844	152	77147	40.00	ppm		0.00
104) Phenanthrene-d10b	9.166	188	276003	40.00	ppm		0.00
106) Naphthalene-d8b	5.752	136	298566	40.00	ppm	#	0.01
108) Chrysene-d12d	14.529	240	213478	40.00	ppm		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.936	112	35493	16.71	ppm		0.00
Spiked Amount 50.000			Recovery = 33.42%				
8) Phenol-d5	4.582	99	31686	12.72	ppm		0.00
Spiked Amount 50.000			Recovery = 25.44%				
25) Nitrobenzene-d5	5.234	82	79845	36.47	ppm		0.00
Spiked Amount 50.000			Recovery = 72.94%				
51) 2-Fluorobiphenyl	6.559	172	159993	28.67	ppm		0.00
Spiked Amount 50.000			Recovery = 57.34%				
73) 2,4,6-Tribromophenol	8.140	330	20404	25.13	ppm		0.00
Spiked Amount 50.000			Recovery = 50.26%				
86) Terphenyl-d14	12.280	244	86444	16.86	ppm		0.00
Spiked Amount 50.000			Recovery = 33.72%				
Target Compounds							Qvalue
2) 1,4-Dioxane	2.739	88	12500	13.2164	ppm		100
3) Pyridine	3.017	79	27608	11.7623	ppm		85
4) N-Nitrosodimethylamine	2.963	42	25560	34.3234	ppm		98
6) Indene	5.031	116	2600837	661.3541	ppm		99
7) Cumene	4.288	105	143410	28.9532	ppm		98
9) Phenol	4.593	94	42103	15.4368	ppm		89
10) Aniline	4.619	93	20092	5.9640	ppm		98
11) bis(2-Chloroethyl)ether	4.657	93	72588	34.7129	ppm		93
12) 2-Chlorophenol	4.700	128	66384	27.8183	ppm		99
13) Decane	4.716	43	73506	36.2980	ppm		97
14) 1,3-Dichlorobenzene	4.806	146	64908	23.1929	ppm		99
15) 1,4-Dichlorobenzene	4.854	146	68916	23.7402	ppm		99
16) Benzyl alcohol	4.940	108	37300	25.6493	ppm		97
17) 1,2-Dichlorobenzene	4.961	146	66809	24.4902	ppm		94
18) Acetophenone	5.127	105	114165	34.5835	ppm		94
19) 2-Methylphenol	5.015	108	52870	25.0417	ppm		98
20) 2,2'-oxybis(1-Chloropr...	5.025	121	24881	39.4678	ppm	#	73
21) 3&4-Methylphenol	5.122	108	99835	45.6485	ppm		99
22) n-Nitroso-di-n-propyla...	5.122	70	55044	35.4369	ppm		98
23) Hexachloroethane	5.202	201	22166	23.0262	ppm		87
26) Nitrobenzene	5.244	77	87799	38.9957	ppm		96
27) Quinoline	6.014	129	147834	32.2705	ppm		96
28) Isophorone	5.421	82	152482	36.9963	ppm		97
29) 2-Nitrophenol	5.469	139	43089	41.6069	ppm		96
30) 2,4-Dimethylphenol	5.501	107	74061	32.2271	ppm		98
31) Benzoic acid	5.554	105	29764	25.3097	ppm		80
32) bis(2-Chloroethoxy)met...	5.570	93	92956	34.8582	ppm		98
33) 2,4-Dichlorophenol	5.650	162	62745	31.8032	ppm		98
34) 2,6-Dichlorophenol	5.800	162	63790	31.9809	ppm		86
35) 1,3,5-Trichlorobenzene	5.474	180	58873	24.0487	ppm		98
36) 1,2,4-Trichlorobenzene	5.709	180	57851	24.8744	ppm		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219070.D
Acq On : 20 Feb 2024 3:29 pm
Operator : karimam
Sample : op52499-ms Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 21 01:35:20 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 01:01:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) 1,2,3-Trichlorobenzene	5.859	180	59490	26.2502	ppm		100
38) Naphthalene	5.779	128	11197549	1496.1031	ppm		88
39) 4-Chloroaniline	5.779	127	1800169	603.5394	ppm	#	29
40) 2,3-Dichloroaniline	6.495	161	60711	25.4575	ppm		98
42) Hexachlorobutadiene	5.837	225	31551	24.1234	ppm		99
43) 4-Chloro-3-methylphenol	6.147	107	62078	34.3958	ppm		92
44) 2-Methylnaphthalene	6.270	141	708752	164.9027	ppm		99
45) 1-Methylnaphthalene	6.350	142	898411	200.2693	ppm		99
47) Hexachlorocyclopentadiene	6.382	237	60434	57.8382	ppm		98
48) 1,2,4,5-tetrachloroben...	6.398	216	58067	24.3684	ppm		97
49) 2,4,6-Trichlorophenol	6.495	196	47368	33.7557	ppm		98
50) 2,4,5-Trichlorophenol	6.537	196	53237	34.1321	ppm		99
52) 2-Chloronaphthalene	6.671	162	126156	26.5715	ppm		98
53) Biphenyl	6.649	154	320325	52.0774	ppm		98
54) 2-Nitroaniline	6.772	65	49461	51.6215	ppm		97
55) Dimethylphthalate	6.927	163	173593	33.4698	ppm		99
56) Acenaphthylene	7.071	152	1284584	218.5609	ppm		99
57) 2,6-Dinitrotoluene	6.991	165	42381	47.0263	ppm		94
58) 3-Nitroaniline	7.168	138	9144	8.0823	ppm		95
59) Acenaphthene	7.242	153	264174	50.5540	ppm		94
60) 2,4-Dinitrophenol	7.274	184	51414	113.5592	ppm		74
61) 4-Nitrophenol	7.349	109	12191	22.7036	ppm		91
62) Dibenzofuran	7.429	168	217656	32.5525	ppm		98
63) 2,4-Dinitrotoluene	7.413	165	55358	43.6029	ppm		96
64) 2,3,4,6-Tetrachlorophenol	7.568	232	41157	34.9860	ppm		94
65) Diethylphthalate	7.686	149	173914	33.5301	ppm		100
66) Fluorene	7.830	166	301938	57.4926	ppm		98
67) 4-Chlorophenyl-phenyle...	7.830	204	68641	27.9155	ppm		95
68) 4-Nitroaniline	7.862	138	20368	17.6764	ppm		92
70) 4,6-Dinitro-2-methylph...	7.894	198	30138	57.9604	ppm		96
71) n-Nitrosodiphenylamine	7.980	169	133253	34.3259	ppm		99
72) 1,2-Diphenylhydrazine	8.033	77	152060	35.3354	ppm		96
74) 4-Bromophenyl-phenylether	8.487	248	37221	26.9169	ppm		95
75) Hexachlorobenzene	8.562	284	34612	19.9053	ppm		95
76) Pentachlorophenol	8.872	266	60149	67.6520	ppm		99
77) Phenanthrene	9.208	178	420739	59.7152	ppm		100
78) Anthracene	9.289	178	243122	35.2246	ppm		99
79) Carbazole	9.577	167	226244	35.6196	ppm		99
80) Di-n-butylphthalate	10.288	149	268133	34.2454	ppm		98
81) Fluoranthene	11.399	202	224879	30.6083	ppm		98
82) Octadecane	9.043	57	100765	43.4076	ppm		97
85) Pyrene	11.853	202	228576	34.8845	ppm		97
87) Butylbenzylphthalate	13.466	149	111650	43.5504	ppm		97
88) Benzo[a]anthracene	14.503	228	186406	29.7660	ppm		97
90) Chrysene	14.583	228	177857	28.6930	ppm		99
91) bis(2-Ethylhexyl)phtha...	14.871	149	138987	35.9383	ppm		98
93) Di-n-octylphthalate	16.330	149	236097	40.3938	ppm		99
94) Benzo[b]fluoranthene	16.826	252	170380	30.9868	ppm		97
95) Benzo[k]fluoranthene	16.885	252	161176	30.3847	ppm		98
96) Benzo[a]pyrene	17.467	252	134616	30.2760	ppm		97
97) Indeno[1,2,3-cd]pyrene	19.535	276	117437	25.4640	ppm		96
98) Dibenz(a,h)acridine	19.172	279	70002	16.3821	ppm		96
99) Dibenz[a,h]anthracene	19.599	278	138859	26.6095	ppm		98
100) 7,12-Dimethylbenz(a)an...	16.842	256	66754	32.6787	ppm		99
101) Benzo[g,h,i]perylene	19.968	276	133432	24.5663	ppm		99
103) Benzaldehyde	4.545	105	186007	95.5967	ppm	#	40
105) Atrazine	8.765	200	36100	30.6785	ppm		96
107) Caprolactam	6.083	55	9346	13.6159	ppm		95

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219070.D
Acq On : 20 Feb 2024 3:29 pm
Operator : karimam
Sample : op52499-ms Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 21 01:35:20 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 01:01:58 2024
Response via : Initial Calibration

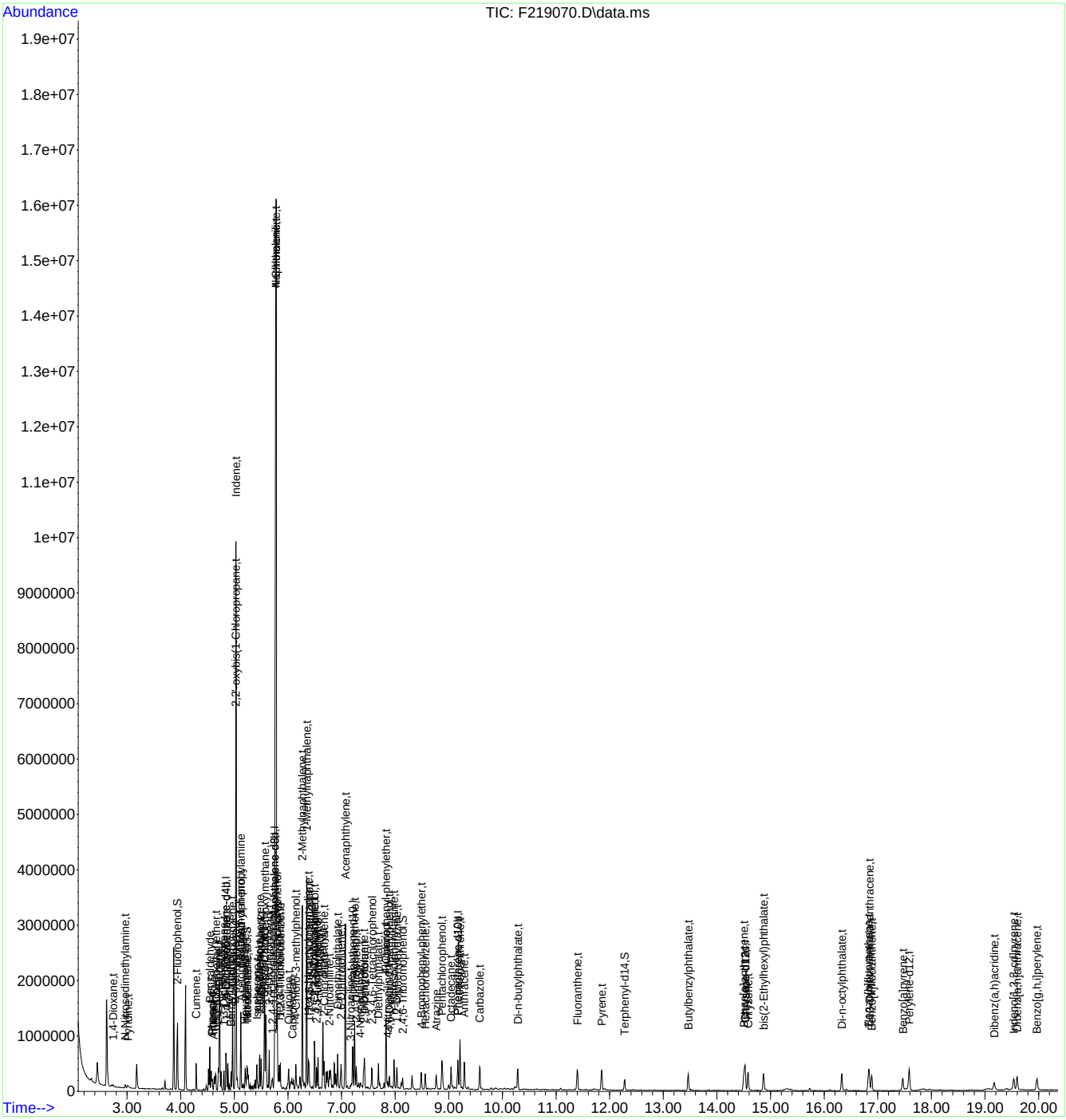
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

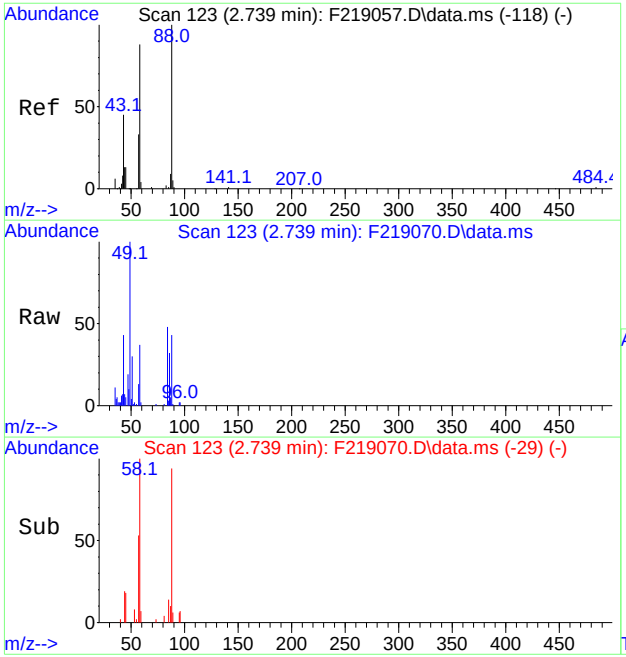
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219070.D
Acq On : 20 Feb 2024 3:29 pm
Operator : karimam
Sample : op52499-ms Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 21 01:35:20 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 01:01:58 2024
Response via : Initial Calibration

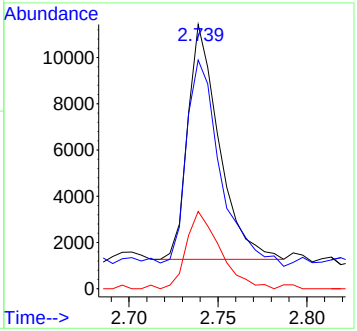


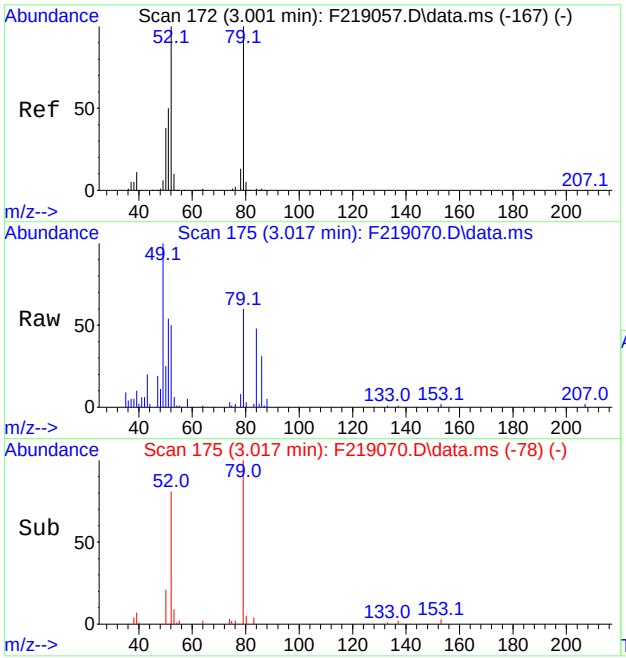


#2
1,4-Dioxane
Concen: 13.2164 ppm
RT: 2.739 min Scan# 123
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 88 Resp: 12500

Ion	Ratio	Lower	Upper
88	100		
58	87.0	57.4	117.4
57	32.1	2.2	62.2

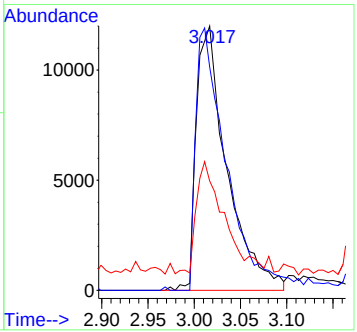


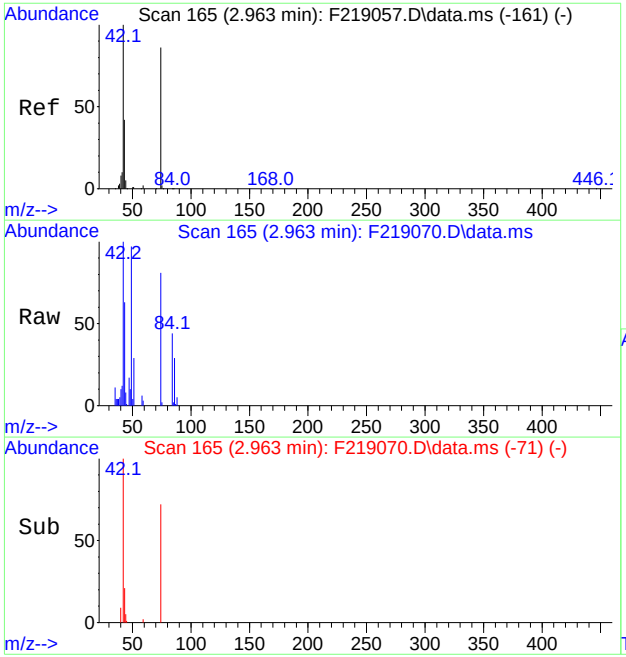


#3
Pyridine
Concen: 11.7623 ppm
RT: 3.017 min Scan# 175
Delta R.T. 0.016 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 79 Resp: 27608

Ion	Ratio	Lower	Upper
79	100		
52	83.3	70.4	130.4
50	33.0	8.1	68.1

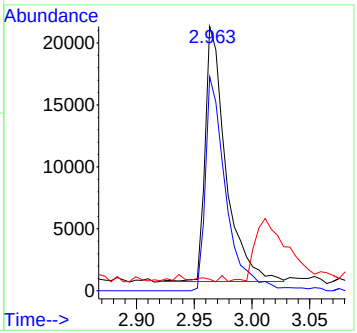


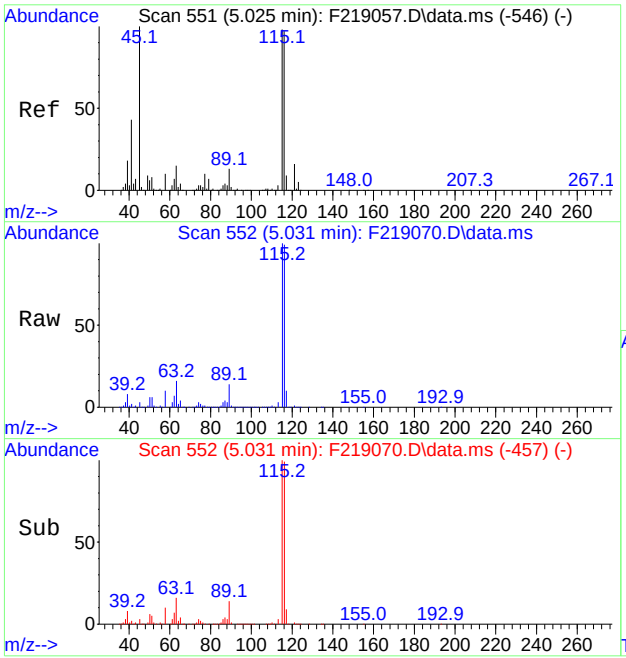


#4
N-Nitrosodimethylamine
Concen: 34.3234 ppm
RT: 2.963 min Scan# 165
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 42 Resp: 25560

Ion	Ratio	Lower	Upper
42	100		
74	83.4	55.6	115.6
50	0.0	0.0	30.0

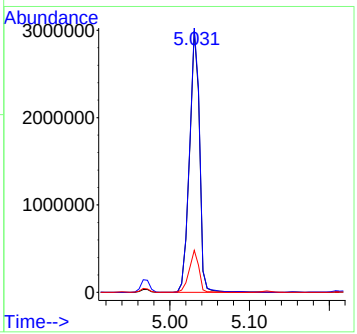


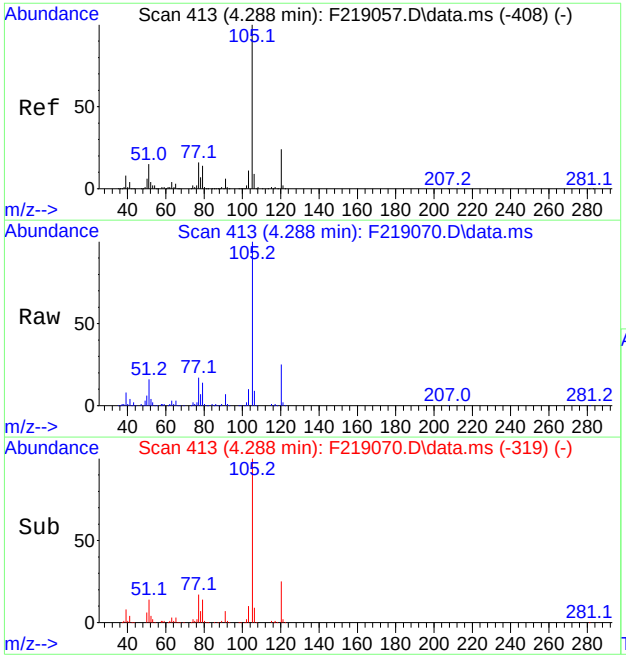


#6
Indene
Concen: 661.3541 ppm
RT: 5.031 min Scan# 552
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:116 Resp: 2600837

Ion	Ratio	Lower	Upper
116	100		
115	101.1	72.0	132.0
63	16.0	0.0	45.3

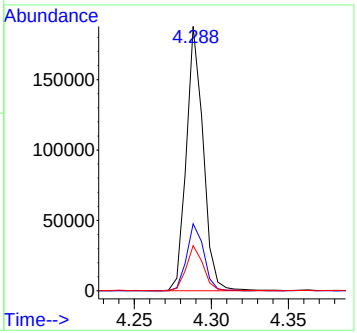


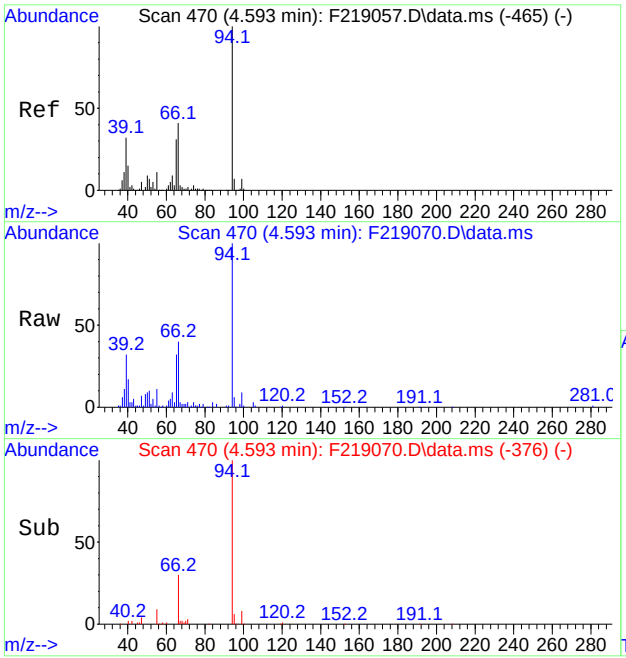


#7
Cumene
Concen: 28.9532 ppm
RT: 4.288 min Scan# 413
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:105 Resp: 143410

Ion	Ratio	Lower	Upper
105	100		
120	25.4	0.0	54.4
77	17.1	0.0	46.4

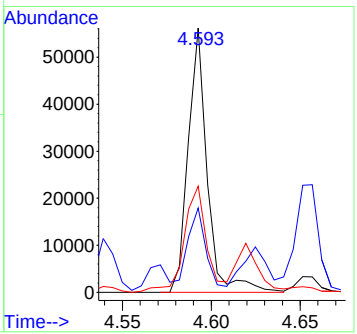


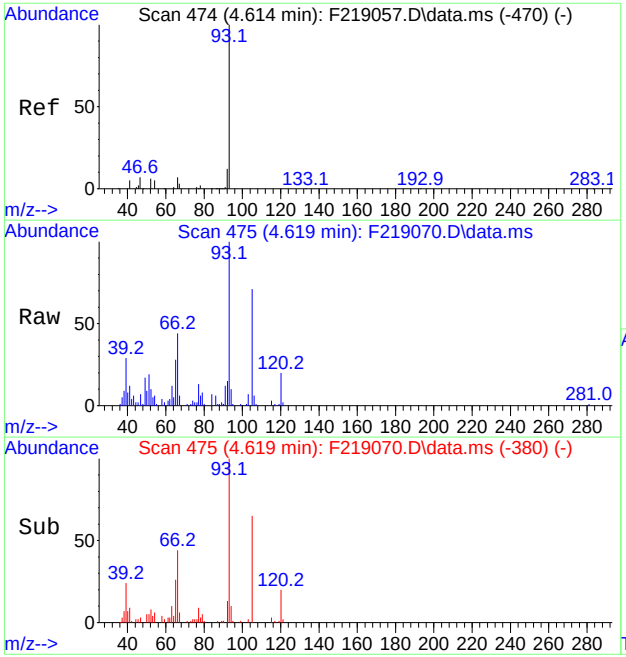


#9
Phenol
Concen: 15.4368 ppm
RT: 4.593 min Scan# 470
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 94 Resp: 42103

Ion	Ratio	Lower	Upper
94	100		
65	23.9	0.0	55.7
66	38.6	0.0	59.3

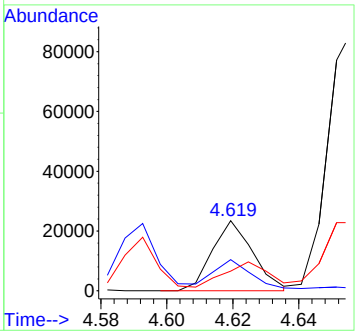


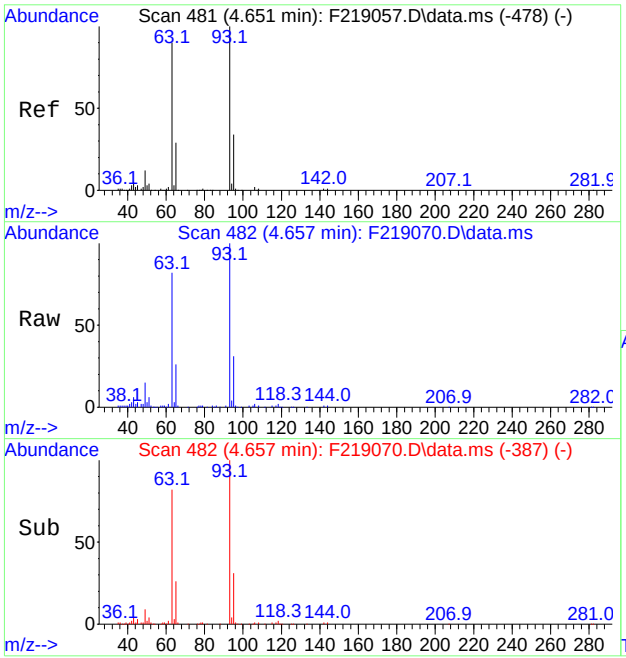


#10
Aniline
Concen: 5.9640 ppm
RT: 4.619 min Scan# 475
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 93 Resp: 20092

Ion	Ratio	Lower	Upper
93	100		
66	24.3	0.0	54.6
65	7.4	0.0	40.0

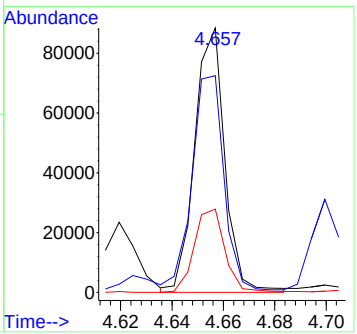


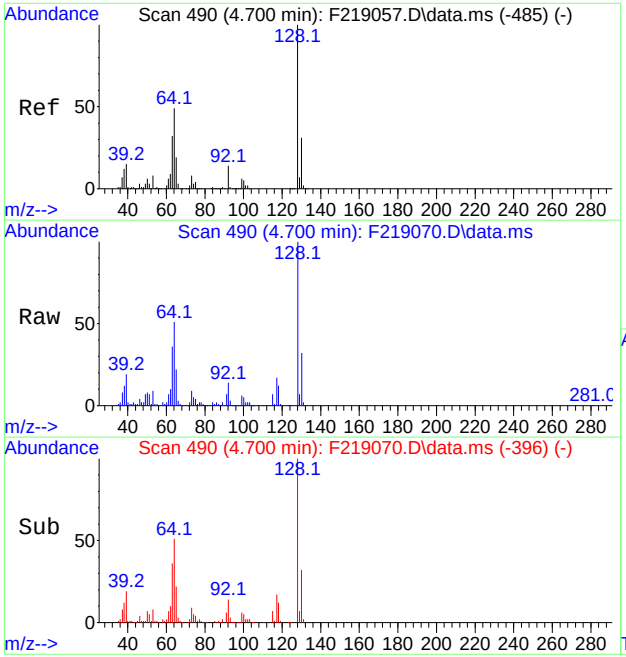


#11
bis(2-Chloroethyl)ether
Concen: 34.7129 ppm
RT: 4.657 min Scan# 482
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 93 Resp: 72588

Ion	Ratio	Lower	Upper
93	100		
63	81.4	59.3	119.3
95	31.8	3.2	63.2

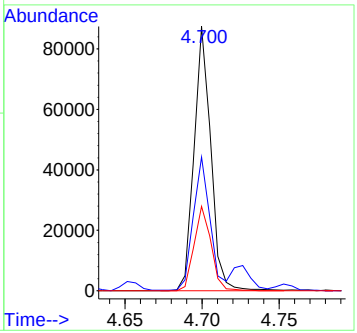


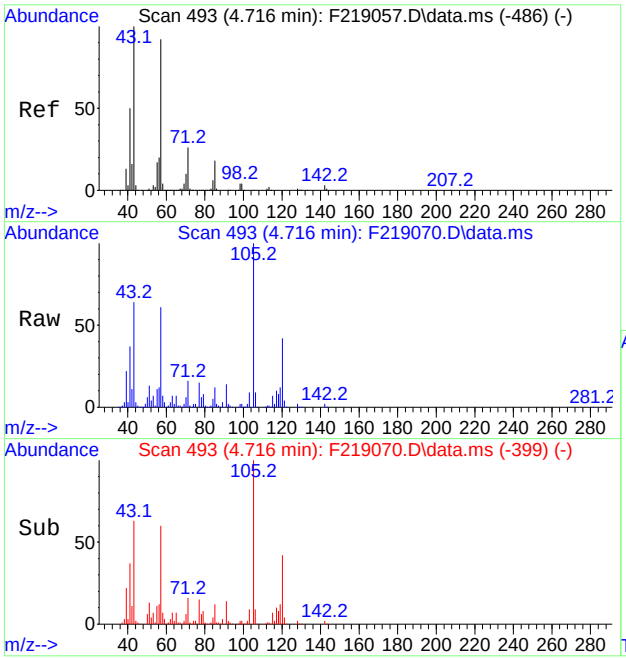


#12
2-Chlorophenol
Concen: 27.8183 ppm
RT: 4.700 min Scan# 490
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:128 Resp: 66384

Ion	Ratio	Lower	Upper
128	100		
64	49.3	18.7	78.7
130	32.0	0.6	60.6

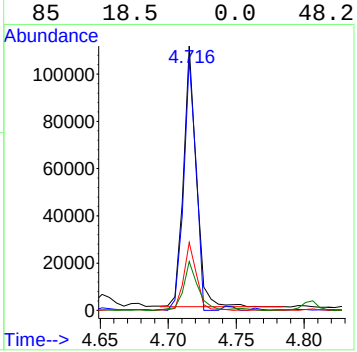


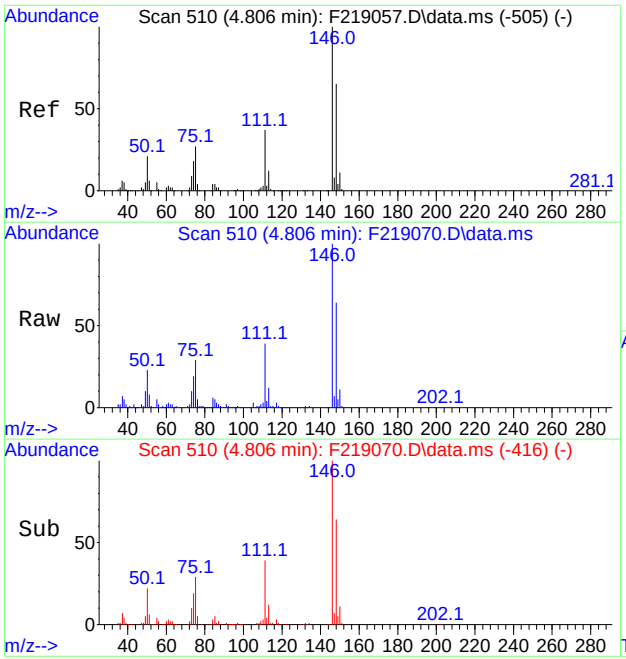


#13
Decane
Concen: 36.2980 ppm
RT: 4.716 min Scan# 493
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 43 Resp: 73506

Ion	Ratio	Lower	Upper
43	100		
57	96.2	61.7	121.7
71	26.0	0.0	56.0
85	18.5	0.0	48.2

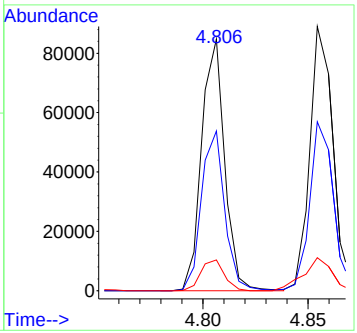


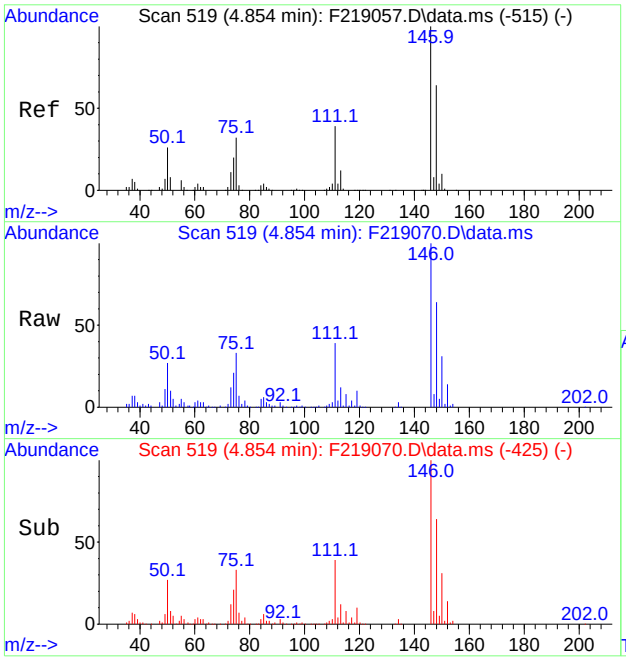


#14
1,3-Dichlorobenzene
Concen: 23.1929 ppm
RT: 4.806 min Scan# 510
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:146 Resp: 64908

Ion	Ratio	Lower	Upper
146	100		
148	63.4	34.6	94.6
113	11.5	0.0	41.6

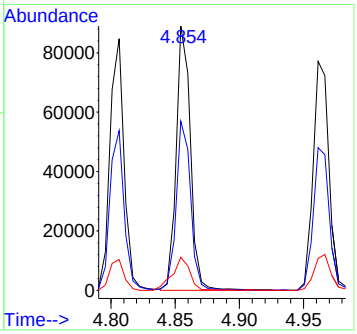


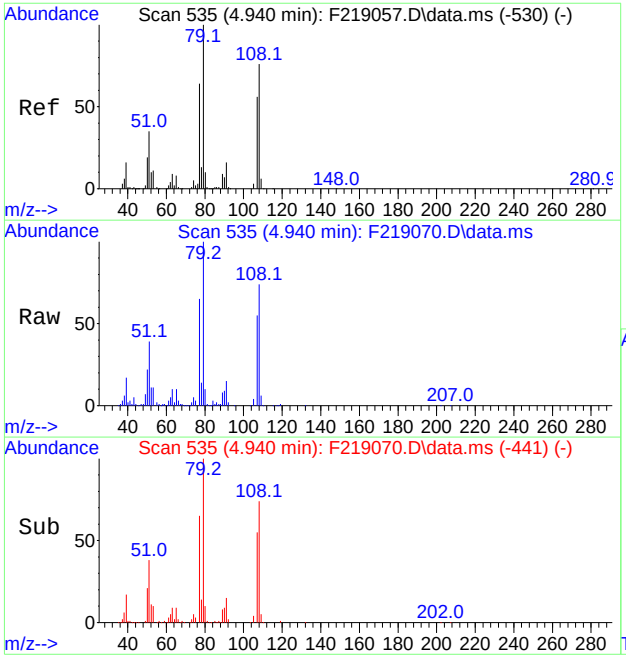


#15
1,4-Dichlorobenzene
Concen: 23.7402 ppm
RT: 4.854 min Scan# 519
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:146 Resp: 68916

Ion	Ratio	Lower	Upper
146	100		
148	63.7	34.1	94.1
113	11.8	0.0	42.4

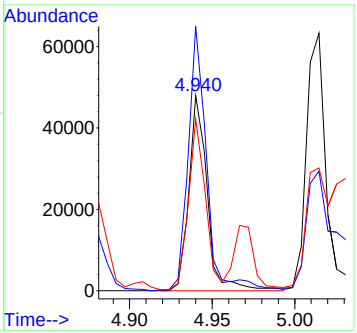


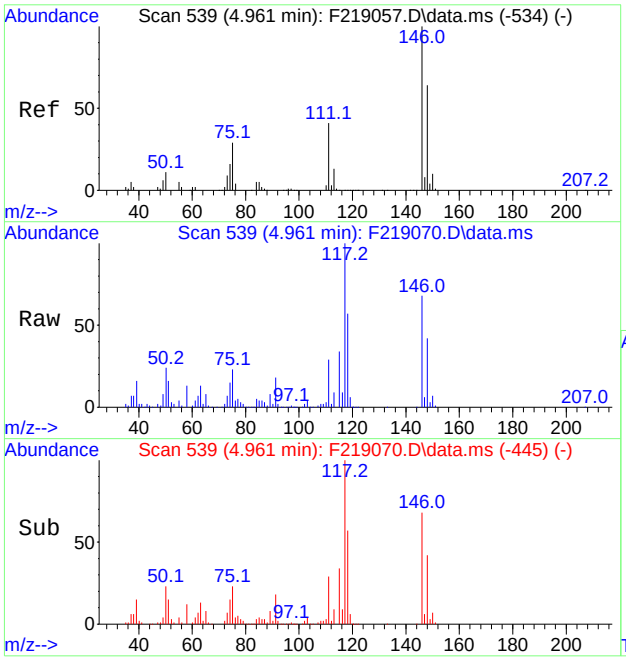


#16
Benzyl alcohol
Concen: 25.6493 ppm
RT: 4.940 min Scan# 535
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:108 Resp: 37300

Ion	Ratio	Lower	Upper
108	100		
79	135.1	102.2	162.2
77	87.2	54.1	114.1

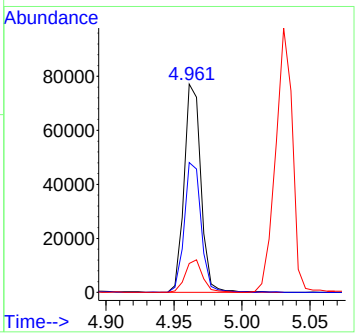


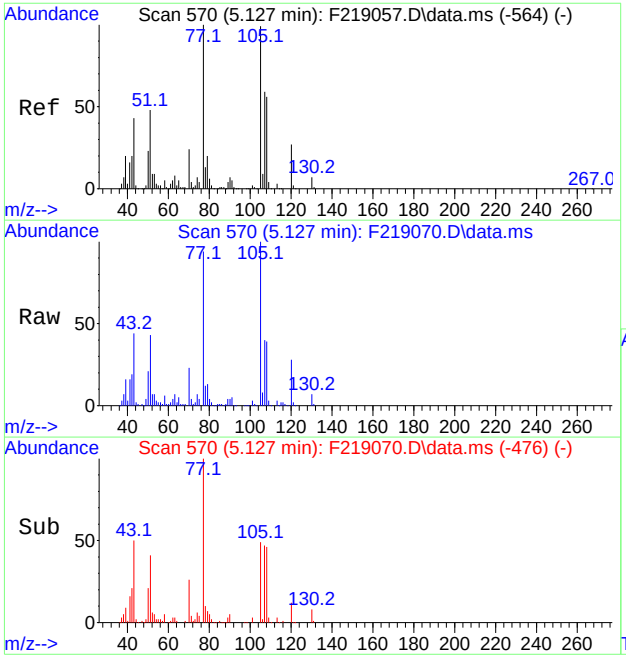


#17
1,2-Dichlorobenzene
Concen: 24.4902 ppm
RT: 4.961 min Scan# 539
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:146 Resp: 66809

Ion	Ratio	Lower	Upper
146	100		
148	62.3	33.5	93.5
113	0.0	0.0	41.1

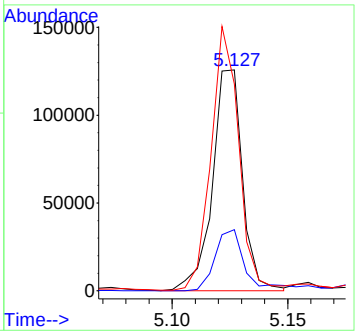


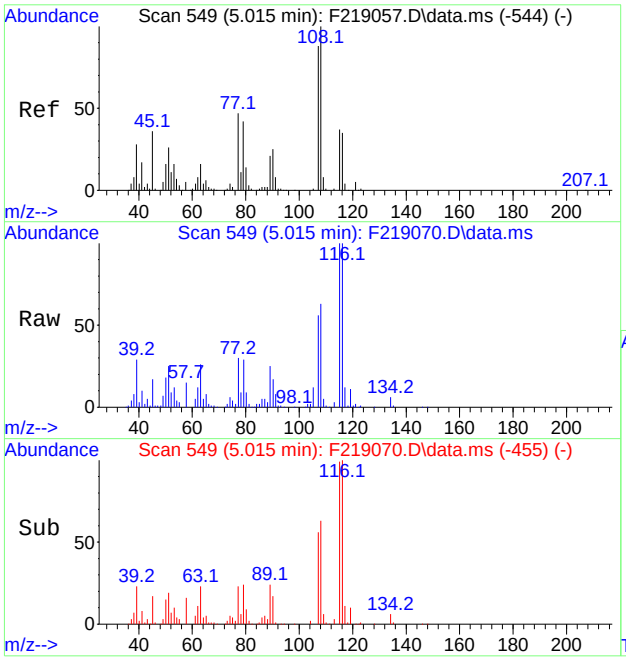


#18
Acetophenone
Concen: 34.5835 ppm
RT: 5.127 min Scan# 570
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:105 Resp: 114165

Ion	Ratio	Lower	Upper
105	100		
120	26.6	0.0	57.2
77	93.0	70.6	130.6

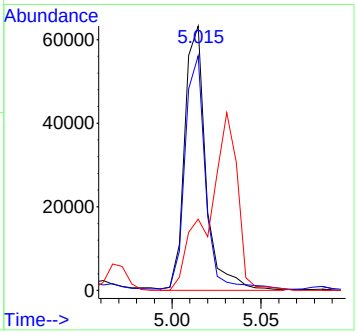


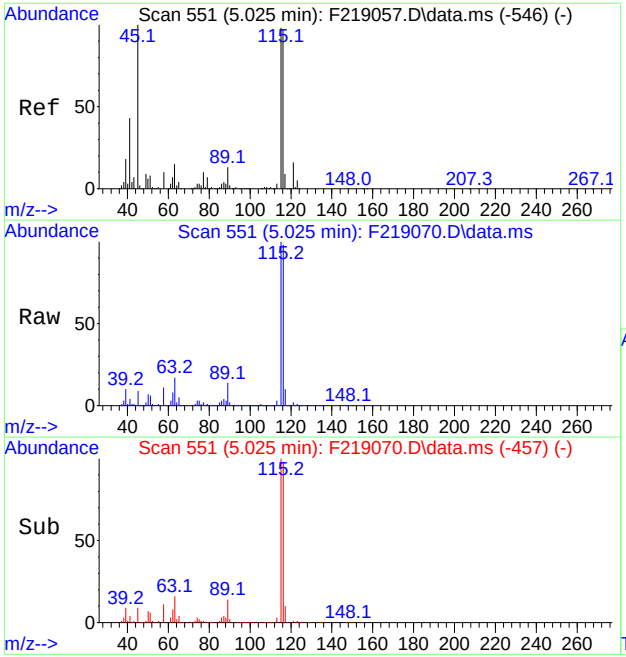


#19
2-Methylphenol
Concen: 25.0417 ppm
RT: 5.015 min Scan# 549
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:108 Resp: 52870

Ion	Ratio	Lower	Upper
108	100		
107	88.5	57.7	117.7
90	26.7	0.0	54.5

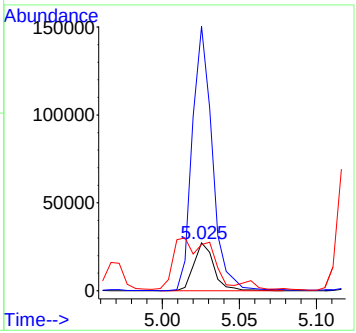


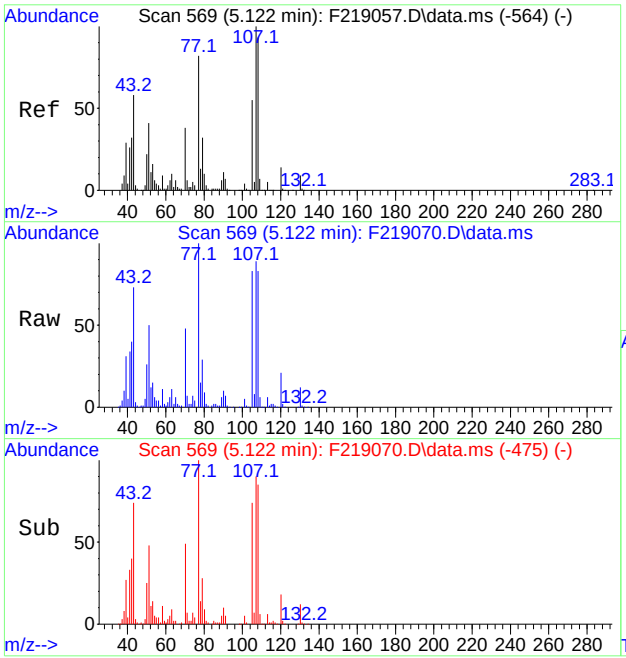


#20
2,2'-oxybis(1-Chloropropane
Concen: 39.4678 ppm
RT: 5.025 min Scan# 551
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:121 Resp: 24881

Ion	Ratio	Lower	Upper
121	100		
45	549.4	603.4	663.4#
77	91.5	33.4	93.4

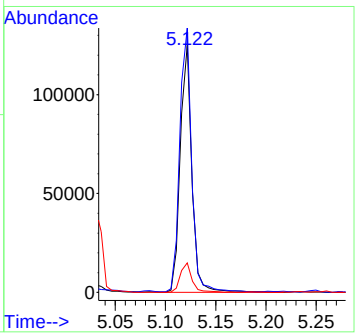


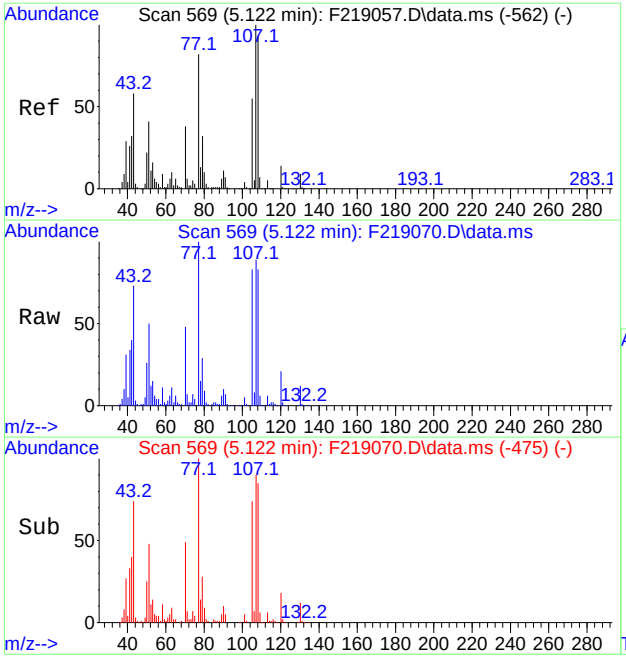


#21
3&4-Methylphenol
Concen: 45.6485 ppm
RT: 5.122 min Scan# 569
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:108 Resp: 99835

Ion	Ratio	Lower	Upper
108	100		
107	106.7	77.4	137.4
90	11.8	0.0	41.7

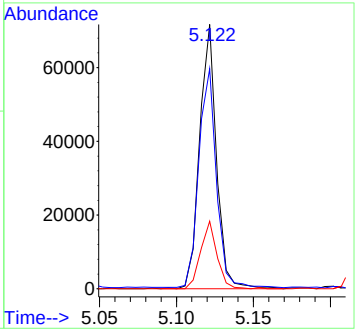


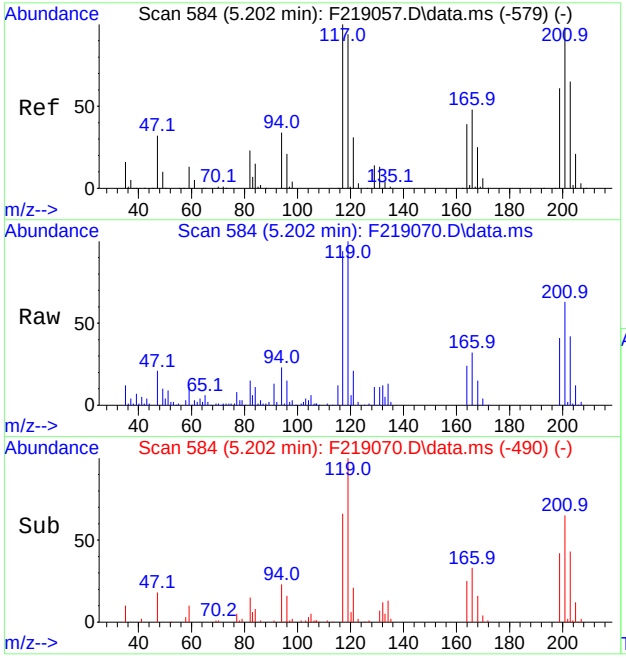


#22
n-Nitroso-di-n-propylamine
Concen: 35.4369 ppm
RT: 5.122 min Scan# 569
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 70 Resp: 55044

Ion	Ratio	Lower	Upper
70	100		
42	82.7	59.3	110.1
130	25.6	17.4	32.2

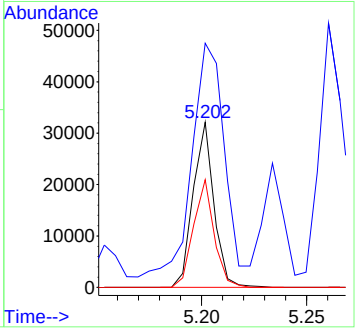




#23
Hexachloroethane
Concen: 23.0262 ppm
RT: 5.202 min Scan# 584
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

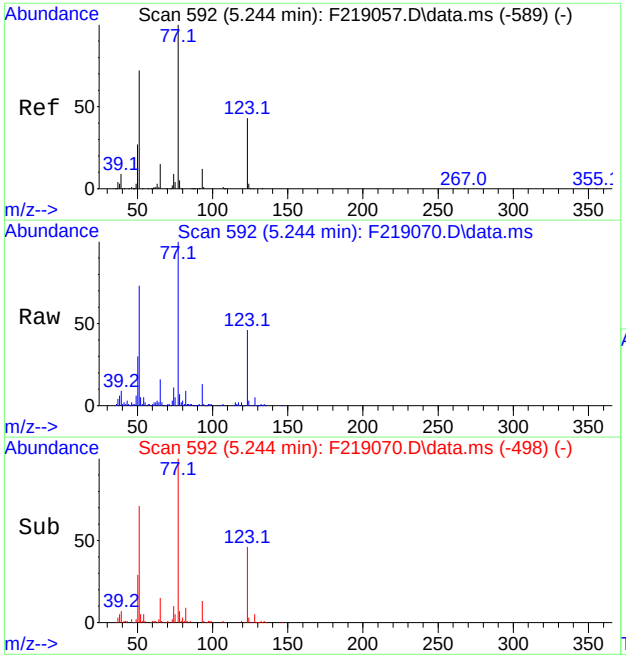
Tgt Ion:201 Resp: 22166

Ion	Ratio	Lower	Upper
201	100		
117	120.8	72.2	132.2
199	65.2	32.3	92.3



7.4.1

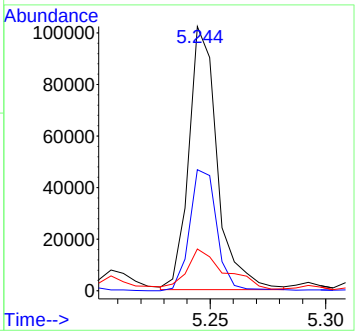
7

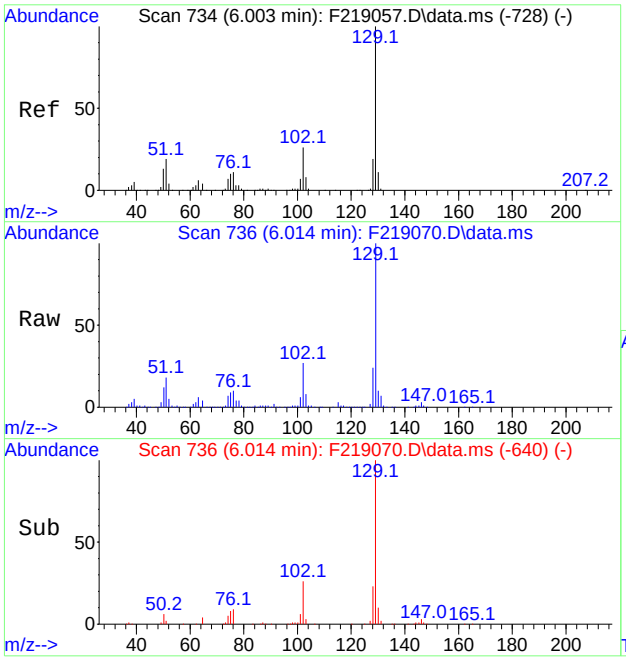


#26
Nitrobenzene
Concen: 38.9957 ppm
RT: 5.244 min Scan# 592
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 77 Resp: 87799

Ion	Ratio	Lower	Upper
77	100		
123	46.3	12.8	72.8
65	15.0	0.0	44.9

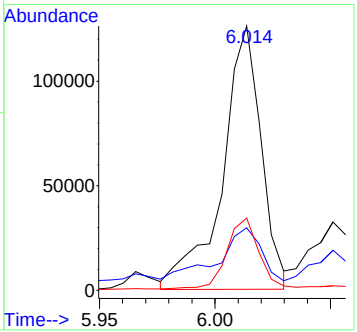


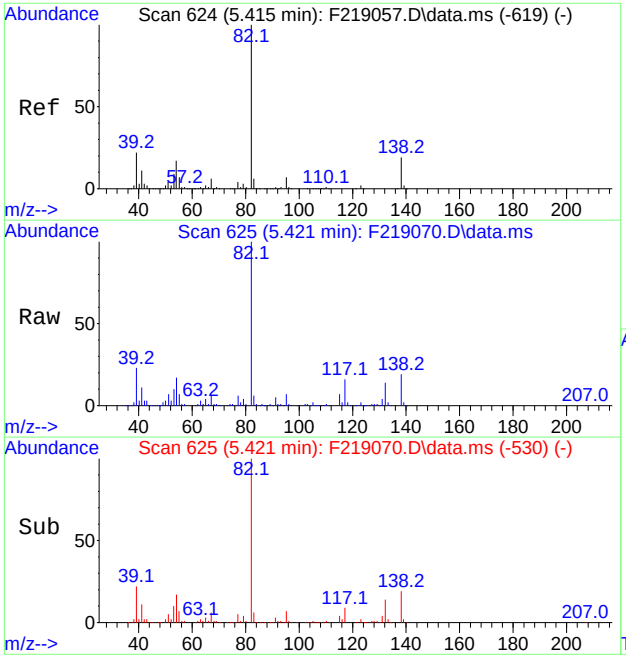


#27
Quinoline
Concen: 32.2705 ppm
RT: 6.014 min Scan# 736
Delta R.T. 0.011 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:129 Resp: 147834

Ion	Ratio	Lower	Upper
129	100		
128	20.9	0.0	49.0
102	27.7	0.0	56.1

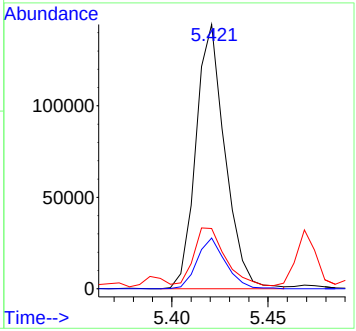


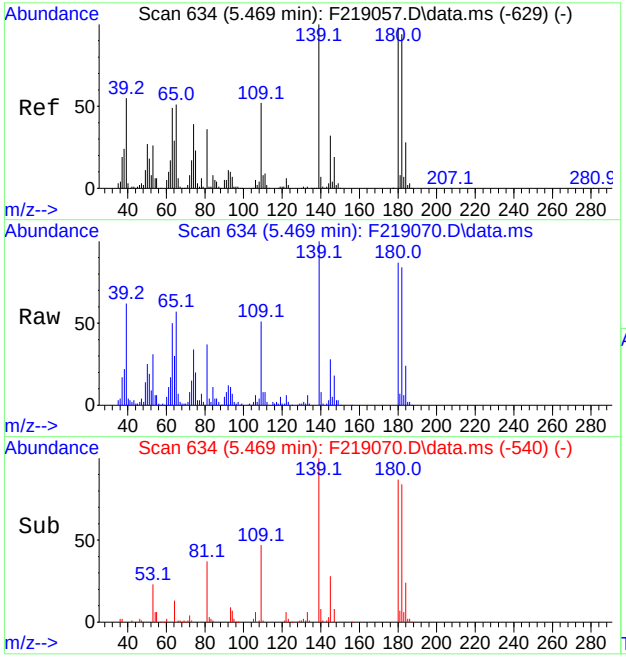


#28
Isophorone
Concen: 36.9963 ppm
RT: 5.421 min Scan# 625
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 82 Resp: 152482

Ion	Ratio	Lower	Upper
82	100		
138	19.2	0.0	49.0
39	19.9	0.0	52.0

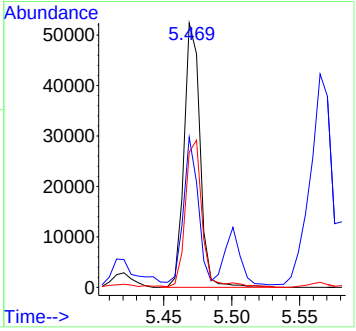


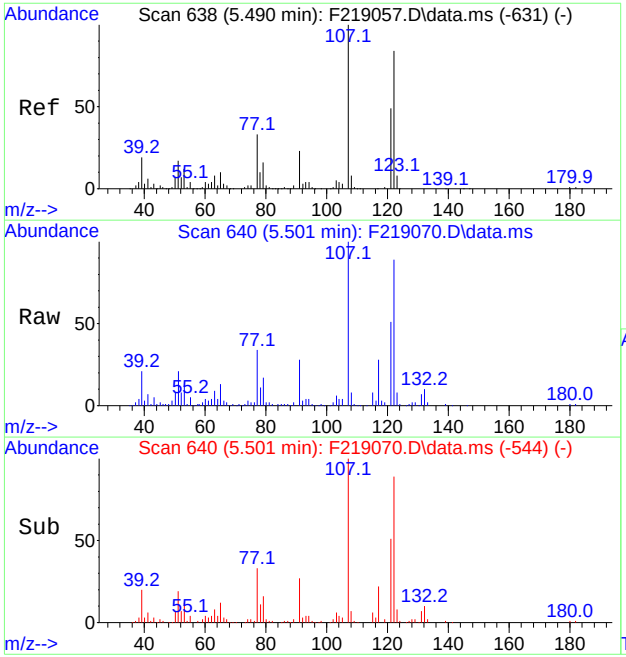


#29
2-Nitrophenol
Concen: 41.6069 ppm
RT: 5.469 min Scan# 634
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:139 Resp: 43089

Ion	Ratio	Lower	Upper
139	100		
65	55.2	21.3	81.3
109	50.8	22.2	82.2

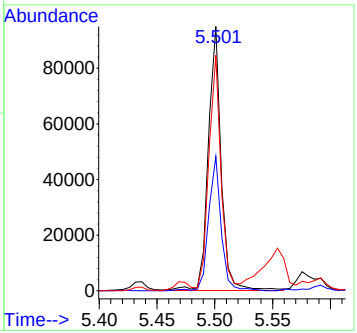


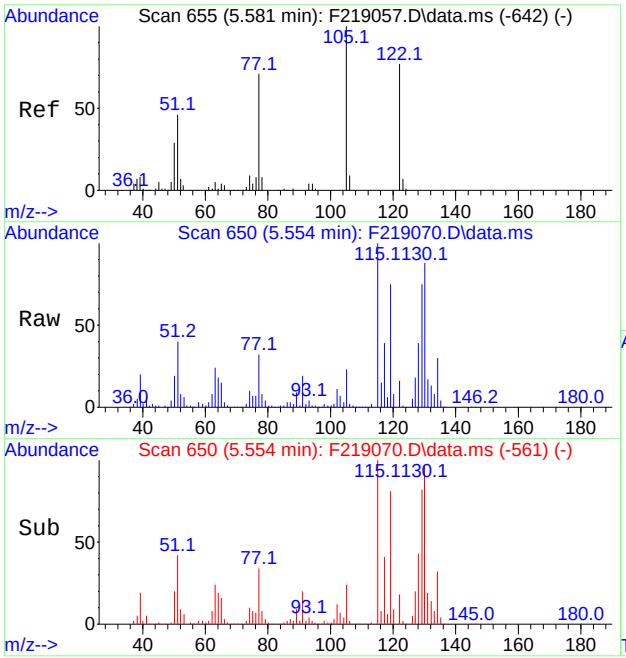


#30
2,4-Dimethylphenol
Concen: 32.2271 ppm
RT: 5.501 min Scan# 640
Delta R.T. 0.011 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:107 Resp: 74061

Ion	Ratio	Lower	Upper
107	100		
121	50.7	19.1	79.1
122	83.3	51.1	111.1

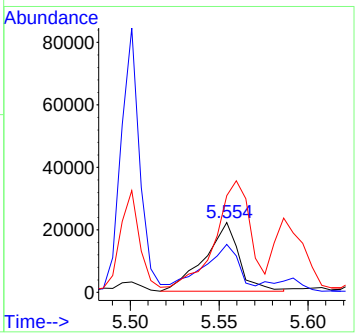


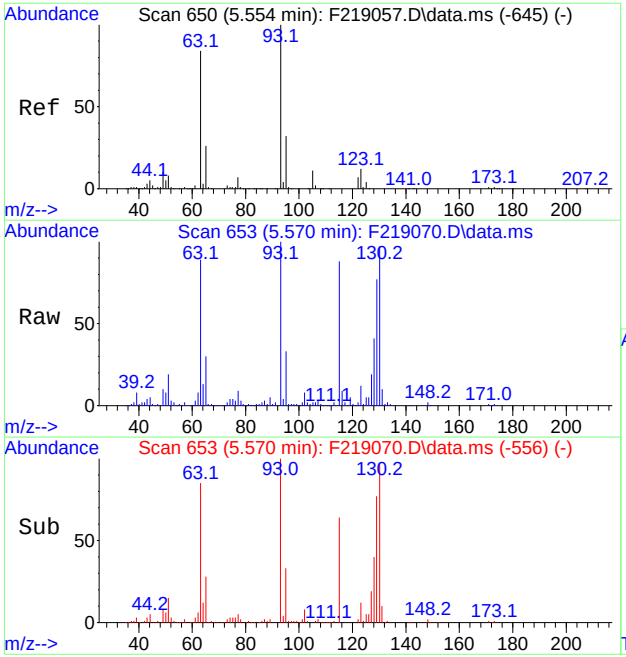


#31
Benzoic acid
Concen: 25.3097 ppm
RT: 5.554 min Scan# 650
Delta R.T. -0.027 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:105 Resp: 29764

Ion	Ratio	Lower	Upper
105	100		
122	56.6	48.9	108.9
77	84.2	41.8	101.8

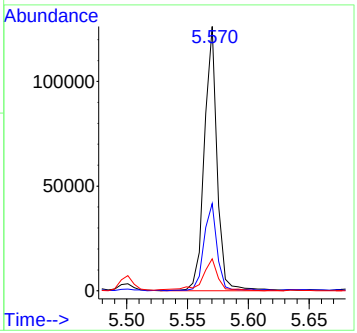


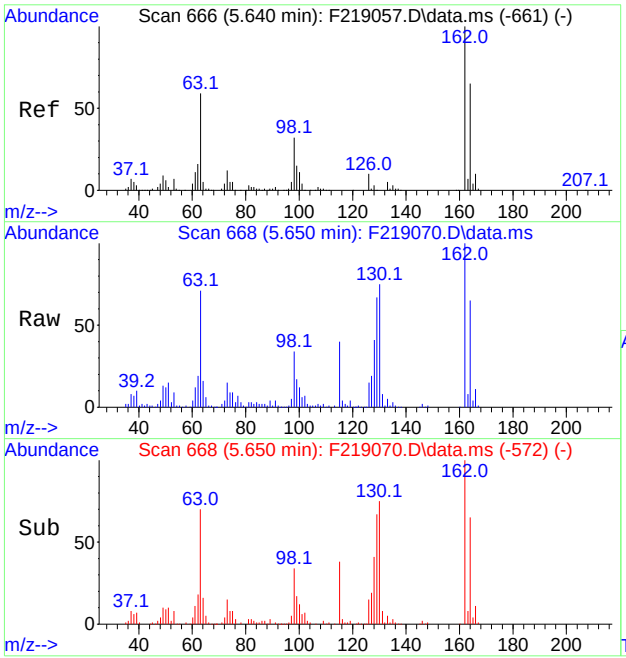


#32
bis(2-Chloroethoxy)methane
Concen: 34.8582 ppm
RT: 5.570 min Scan# 653
Delta R.T. 0.016 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 93 Resp: 92956

Ion	Ratio	Lower	Upper
93	100		
95	32.8	1.8	61.8
123	11.8	0.0	42.3

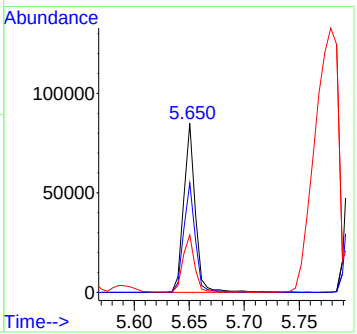


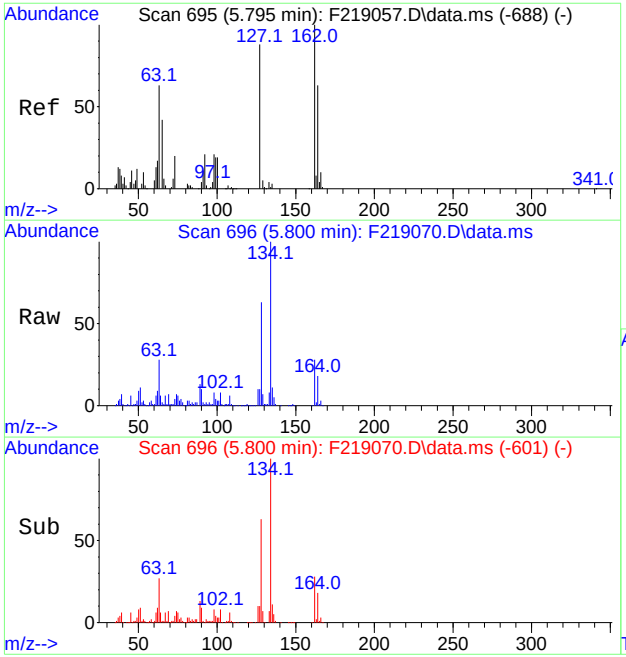


#33
2,4-Dichlorophenol
Concen: 31.8032 ppm
RT: 5.650 min Scan# 668
Delta R.T. 0.011 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:162 Resp: 62745

Ion	Ratio	Lower	Upper
162	100		
164	64.7	35.1	95.1
98	33.8	1.8	61.8

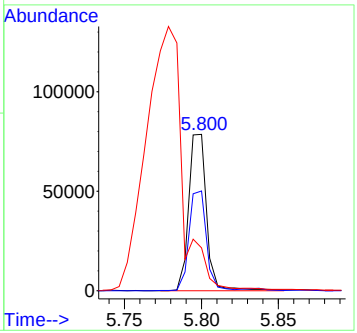


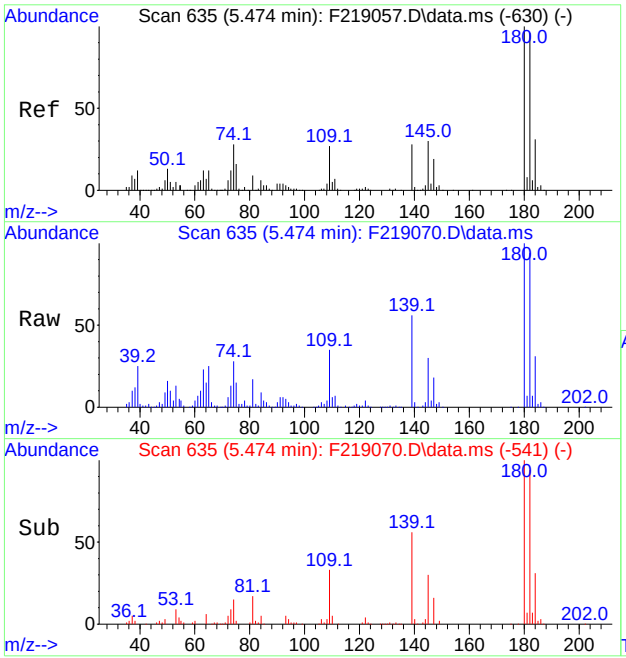


#34
2,6-Dichlorophenol
Concen: 31.9809 ppm
RT: 5.800 min Scan# 696
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:162 Resp: 63790

Ion	Ratio	Lower	Upper
162	100		
164	63.8	33.1	93.1
98	0.0	0.0	54.0

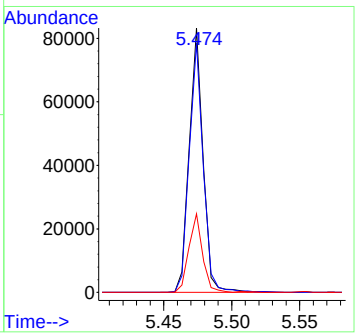


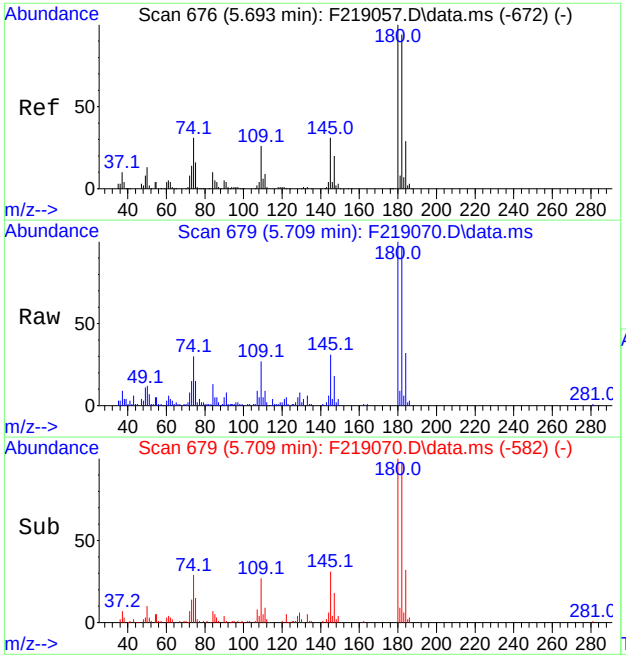


#35
1,3,5-Trichlorobenzene
Concen: 24.0487 ppm
RT: 5.474 min Scan# 635
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:180 Resp: 58873

Ion	Ratio	Lower	Upper
180	100		
182	94.3	66.3	126.3
145	29.7	0.0	59.7

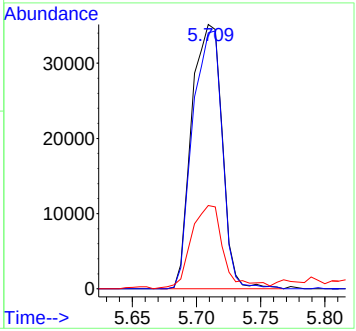


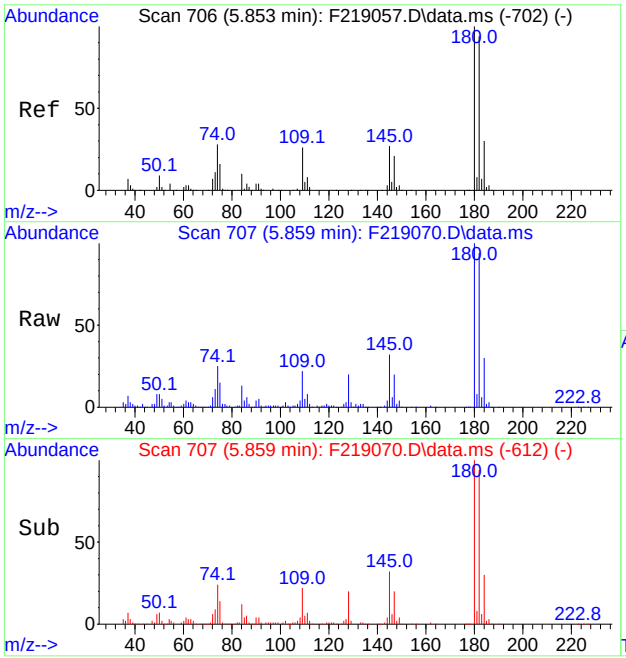


#36
1,2,4-Trichlorobenzene
Concen: 24.8744 ppm
RT: 5.709 min Scan# 679
Delta R.T. 0.016 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:180 Resp: 57851

Ion	Ratio	Lower	Upper
180	100		
182	96.7	64.2	124.2
145	29.5	1.1	61.1

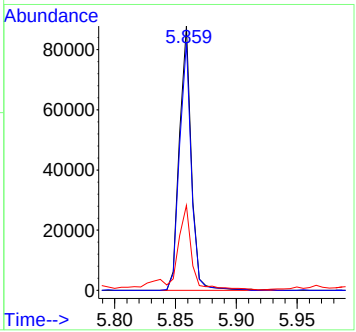


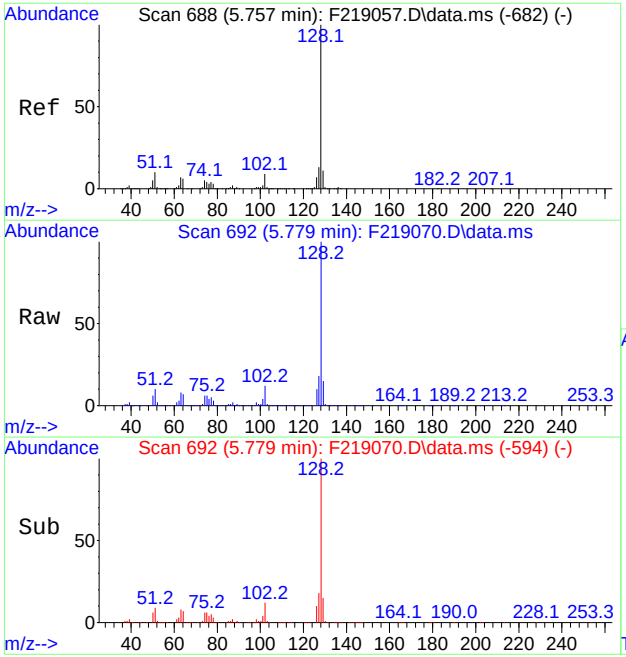


#37
1,2,3-Trichlorobenzene
Concen: 26.2502 ppm
RT: 5.859 min Scan# 707
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:180 Resp: 59490

Ion	Ratio	Lower	Upper
180	100		
182	93.9	64.2	124.2
145	29.8	0.0	59.8

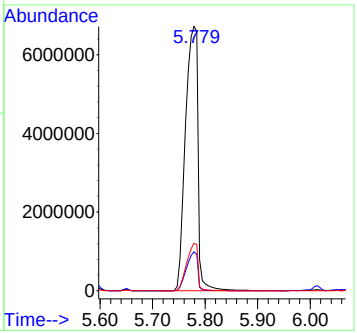


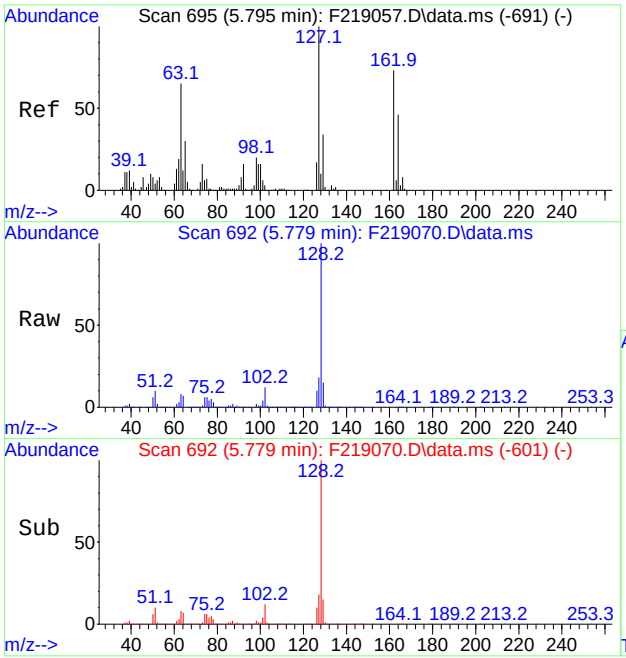


#38
Naphthalene
Concen: 1496.1031 ppm
RT: 5.779 min Scan# 692
Delta R.T. 0.021 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:128 Resp:11197549

Ion	Ratio	Lower	Upper
128	100		
129	14.7	0.0	40.7
127	17.9	0.0	42.6

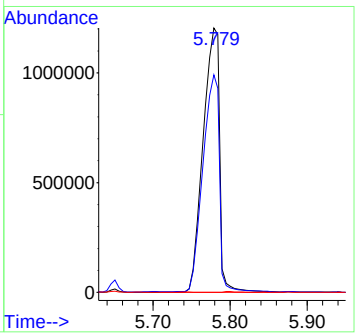


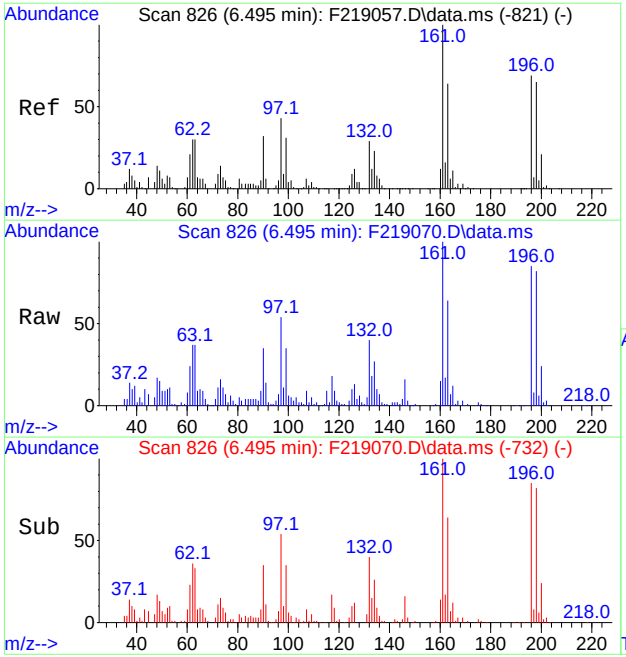


#39
4-Chloroaniline
Concen: 603.5394 ppm
RT: 5.779 min Scan# 692
Delta R.T. -0.016 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:127 Resp: 1800169

Ion	Ratio	Lower	Upper
127	100		
129	82.1	3.4	63.4#
65	0.0	0.2	60.2#

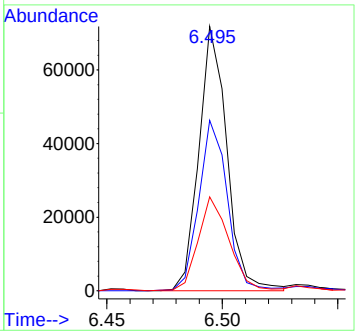


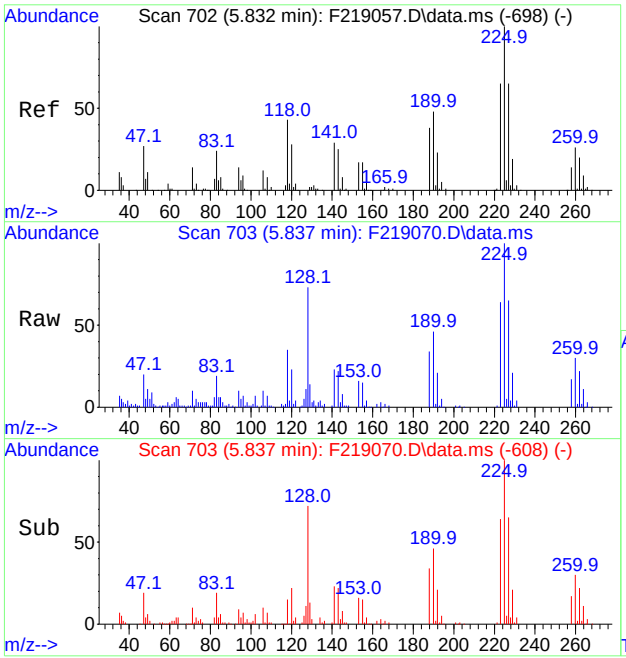


#40
2,3-Dichloroaniline
Concen: 25.4575 ppm
RT: 6.495 min Scan# 826
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:161 Resp: 60711

Ion	Ratio	Lower	Upper
161	100		
163	64.2	34.4	94.4
90	35.3	1.8	61.8

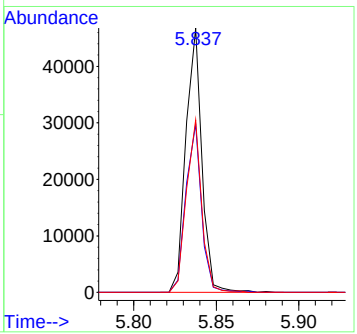


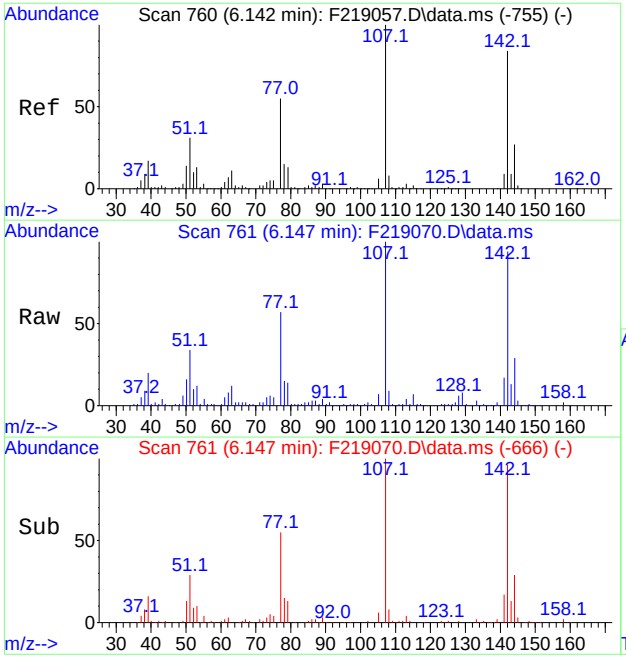


#42
Hexachlorobutadiene
Concen: 24.1234 ppm
RT: 5.837 min Scan# 703
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:225 Resp: 31551

Ion	Ratio	Lower	Upper
225	100		
223	63.6	34.9	94.9
227	65.2	35.2	95.2

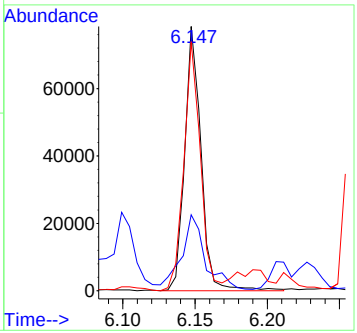


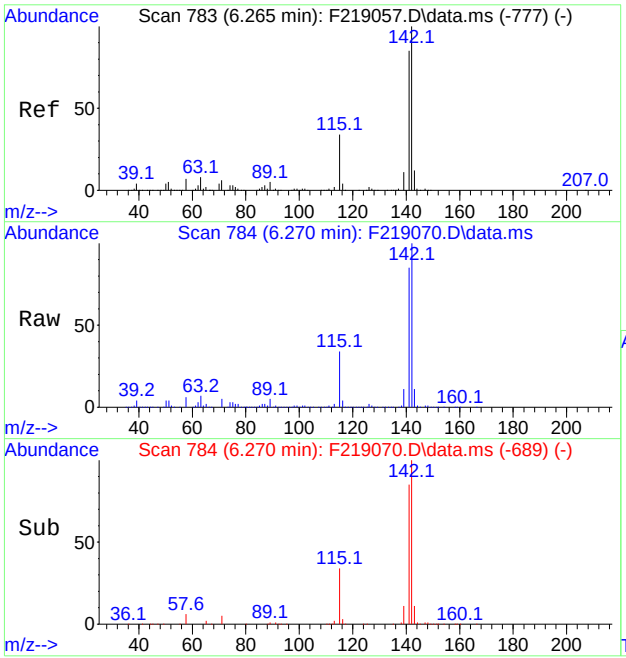


#43
4-Chloro-3-methylphenol
Concen: 34.3958 ppm
RT: 6.147 min Scan# 761
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:107 Resp: 62078

Ion	Ratio	Lower	Upper
107	100		
144	22.2	0.0	56.5
142	91.0	53.8	113.8

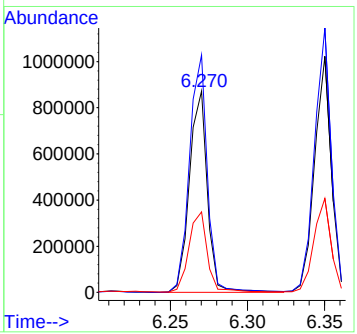


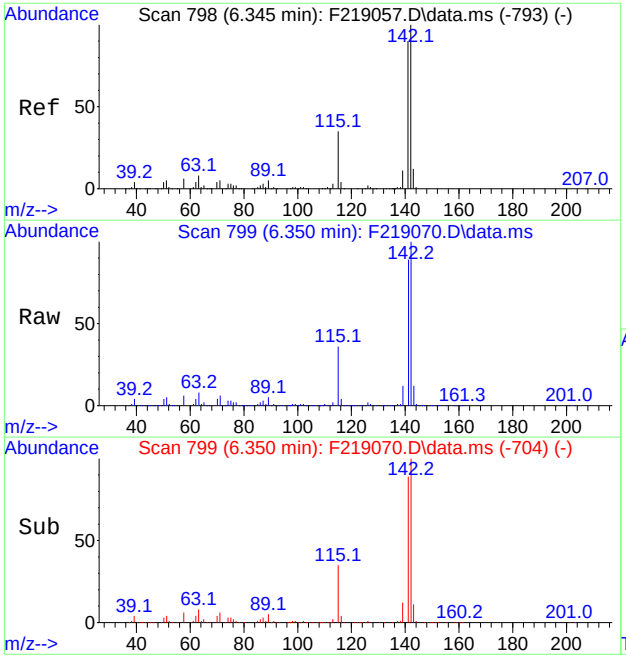


#44
2-Methylnaphthalene
Concen: 164.9027 ppm
RT: 6.270 min Scan# 784
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:141 Resp: 708752

Ion	Ratio	Lower	Upper
141	100		
142	118.0	87.1	147.1
115	39.9	10.0	70.0

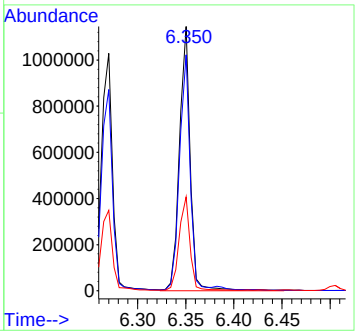


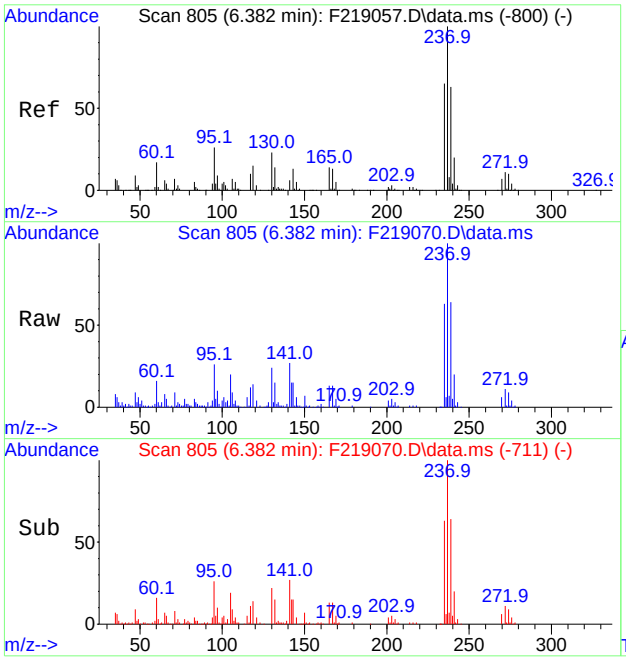


#45
1-Methylnaphthalene
Concen: 200.2693 ppm
RT: 6.350 min Scan# 799
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:142 Resp: 898411

Ion	Ratio	Lower	Upper
142	100		
141	89.2	59.9	119.9
115	35.4	5.3	65.3

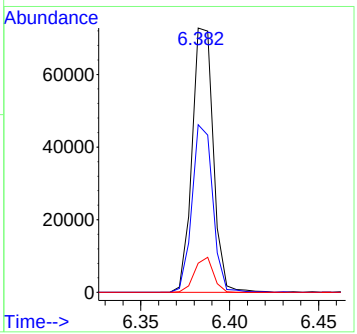


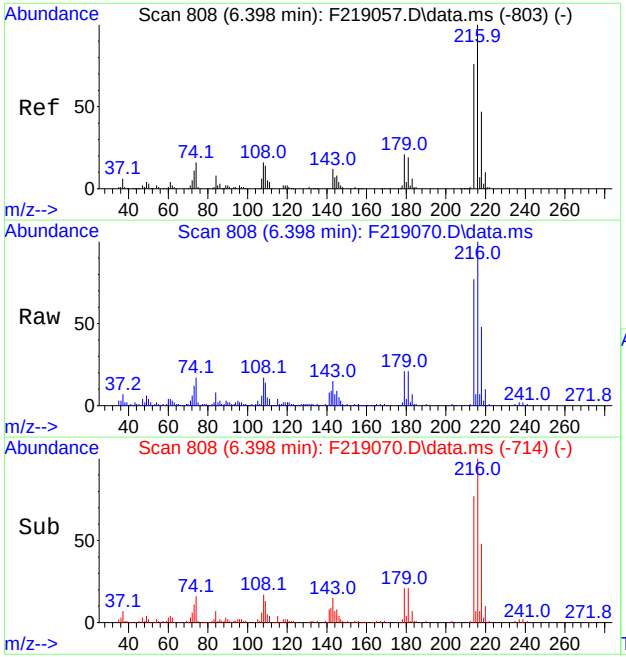


#47
Hexachlorocyclopentadiene
Concen: 57.8382 ppm
RT: 6.382 min Scan# 805
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:237 Resp: 60434

Ion	Ratio	Lower	Upper
237	100		
235	63.3	34.8	94.8
272	11.0	0.0	41.4

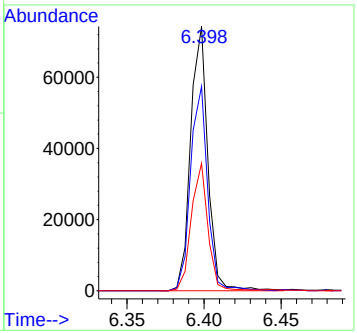


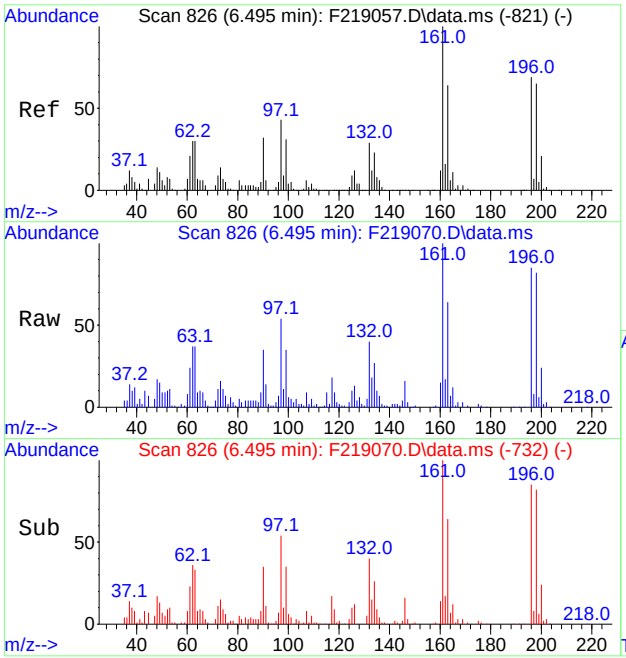


#48
1,2,4,5-tetrachlorobenzene
Concen: 24.3684 ppm
RT: 6.398 min Scan# 808
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:216 Resp: 58067

Ion	Ratio	Lower	Upper
216	100		
214	76.5	54.8	101.8
218	46.2	34.6	64.3

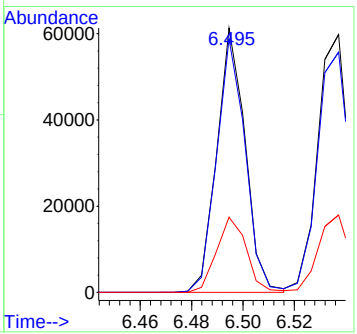


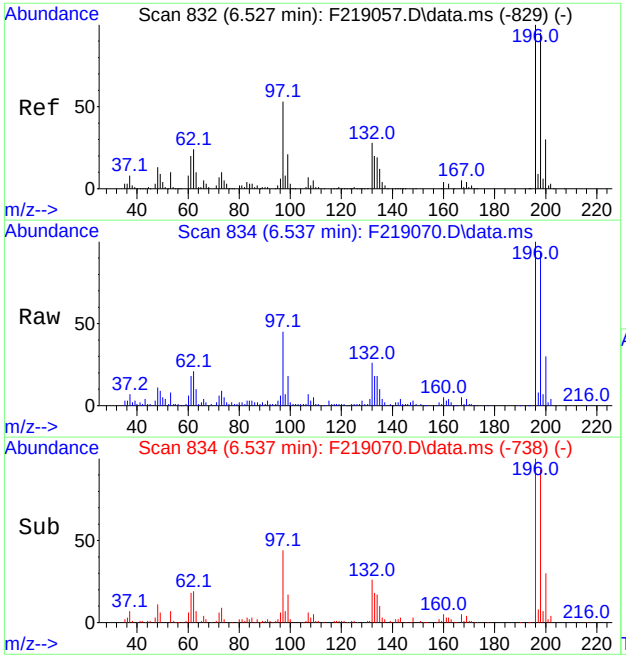


#49
2,4,6-Trichlorophenol
Concen: 33.7557 ppm
RT: 6.495 min Scan# 826
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:196 Resp: 47368

Ion	Ratio	Lower	Upper
196	100		
198	95.9	64.1	124.1
200	28.3	0.7	60.7

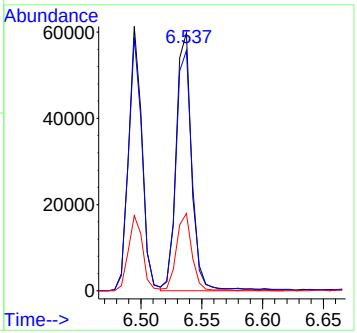


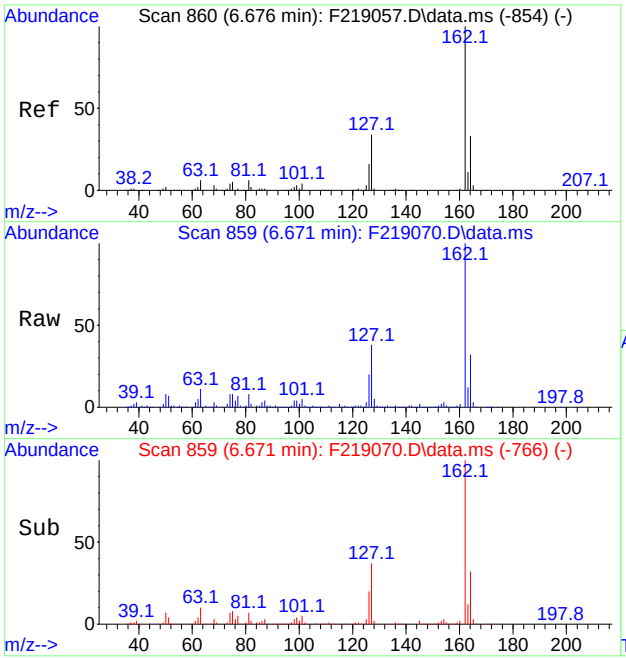


#50
2,4,5-Trichlorophenol
Concen: 34.1321 ppm
RT: 6.537 min Scan# 834
Delta R.T. 0.011 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:196 Resp: 53237

Ion	Ratio	Lower	Upper
196	100		
198	92.9	64.5	124.5
200	29.9	0.0	59.6

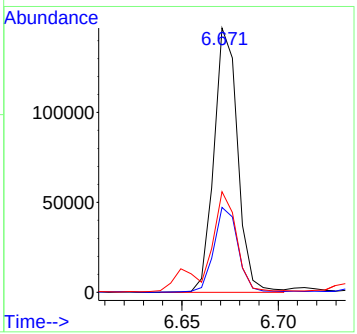


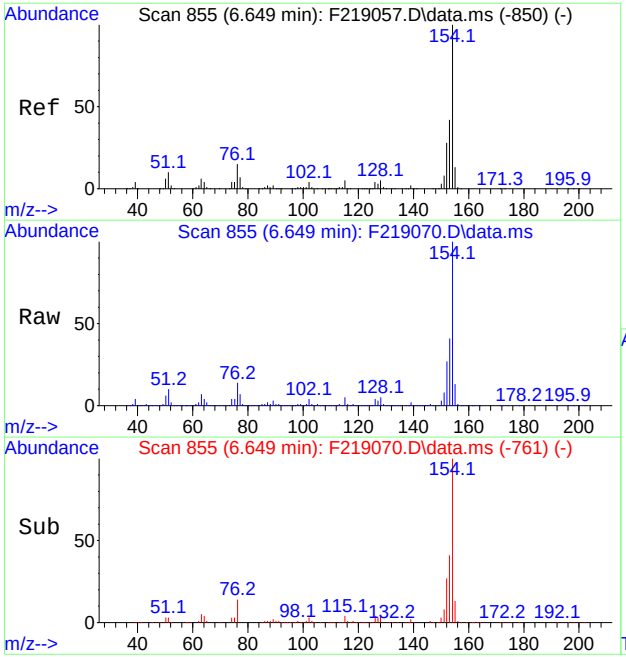


#52
2-Chloronaphthalene
Concen: 26.5715 ppm
RT: 6.671 min Scan# 859
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:162 Resp: 126156

Ion	Ratio	Lower	Upper
162	100		
164	32.0	2.6	62.6
127	37.5	5.4	65.4

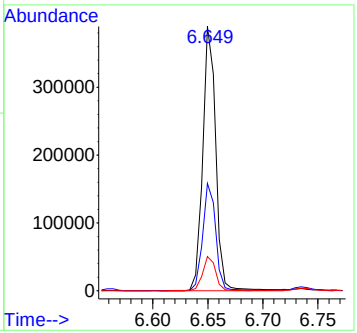


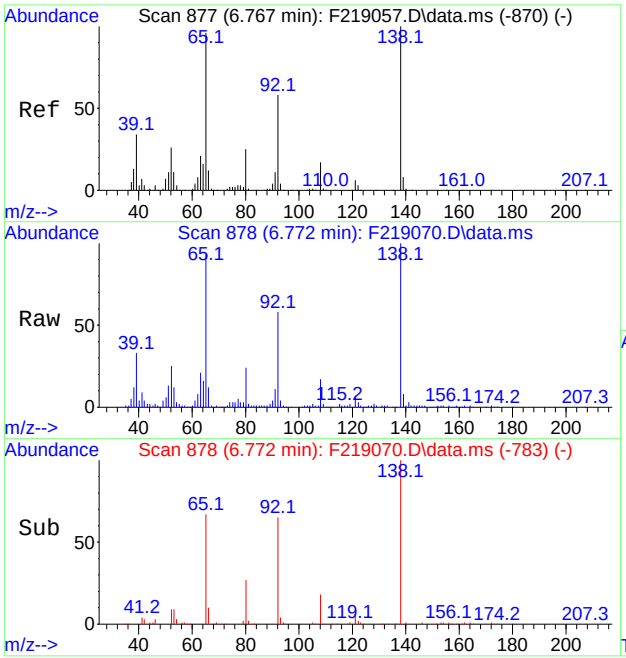


#53
Biphenyl
Concen: 52.0774 ppm
RT: 6.649 min Scan# 855
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:154 Resp: 320325

Ion	Ratio	Lower	Upper
154	100		
153	40.4	11.7	71.7
155	12.9	0.0	43.1

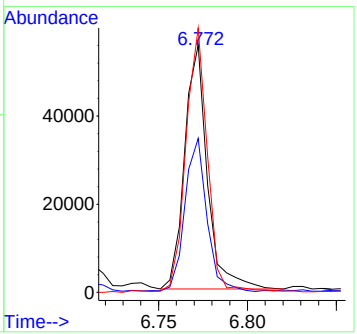


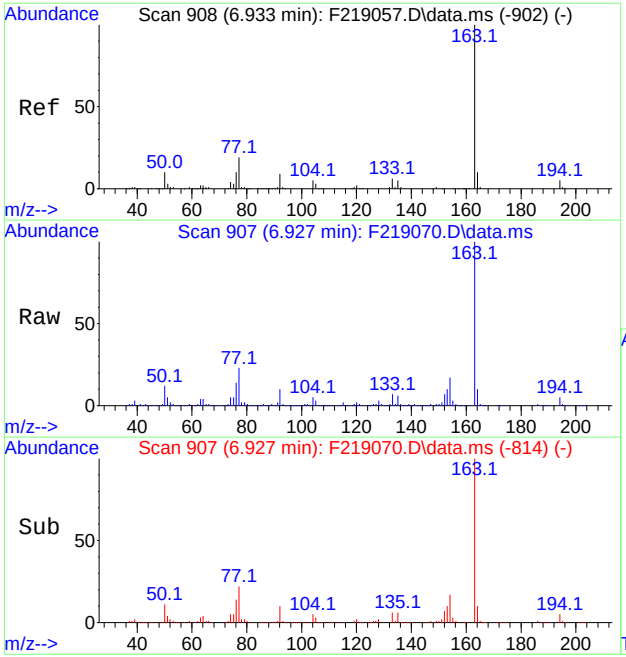


#54
2-Nitroaniline
Concen: 51.6215 ppm
RT: 6.772 min Scan# 878
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 65 Resp: 49461

Ion	Ratio	Lower	Upper
65	100		
92	62.3	30.1	90.1
138	108.0	74.5	134.5

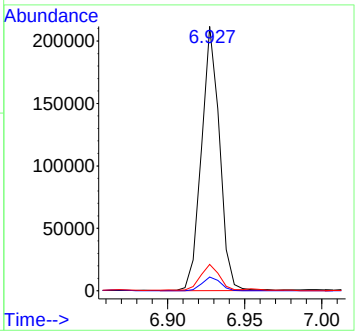


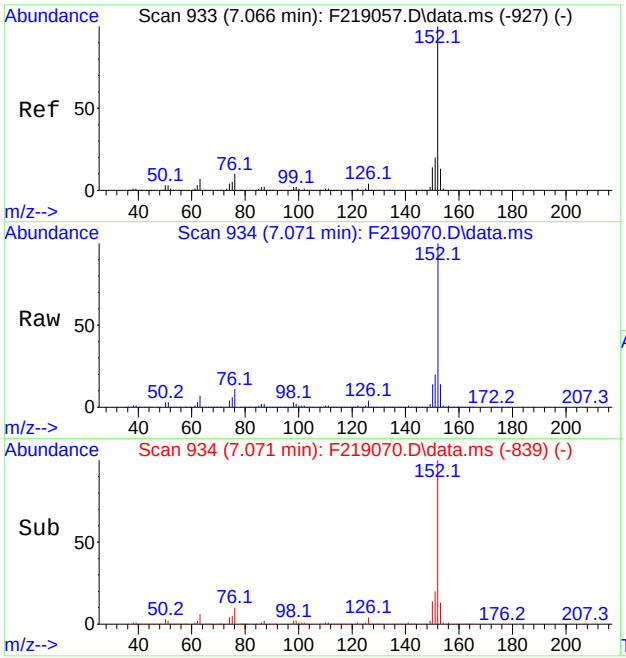


#55
Dimethylphthalate
Concen: 33.4698 ppm
RT: 6.927 min Scan# 907
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:163 Resp: 173593

Ion	Ratio	Lower	Upper
163	100		
194	5.2	0.0	35.5
164	9.7	0.0	40.0

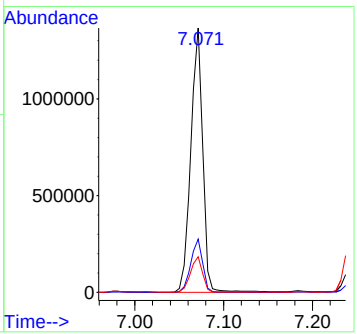


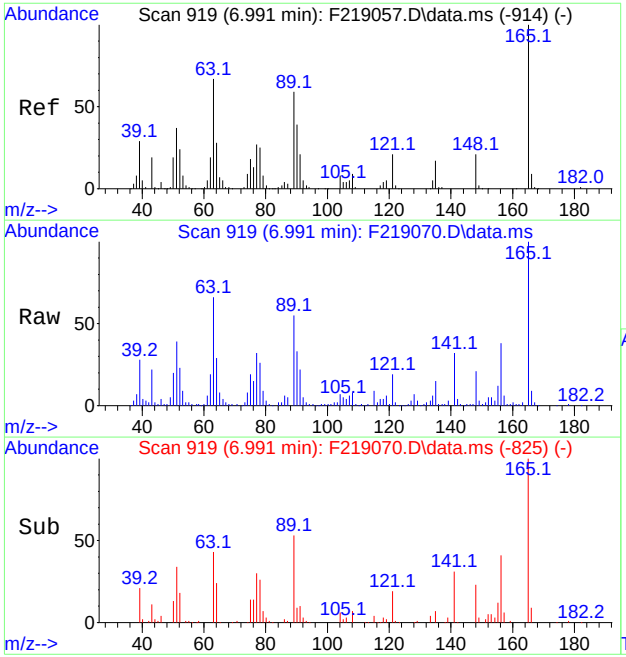


#56
Acenaphthylene
Concen: 218.5609 ppm
RT: 7.071 min Scan# 934
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:152 Resp: 1284584

Ion	Ratio	Lower	Upper
152	100		
151	20.1	0.0	49.7
153	13.5	0.0	42.8

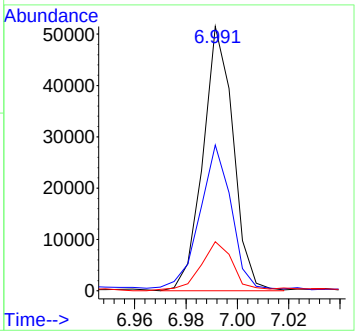


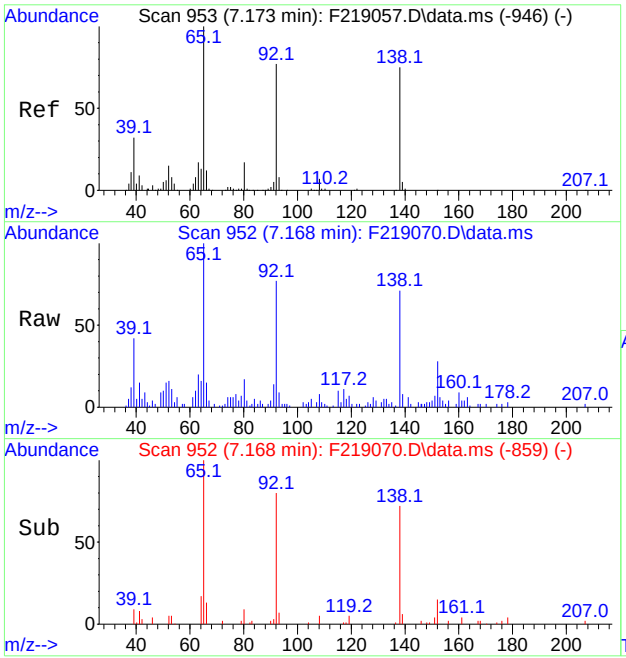


#57
2,6-Dinitrotoluene
Concen: 47.0263 ppm
RT: 6.991 min Scan# 919
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:165 Resp: 42381

Ion	Ratio	Lower	Upper
165	100		
89	54.1	28.6	88.6
121	17.7	0.0	51.0

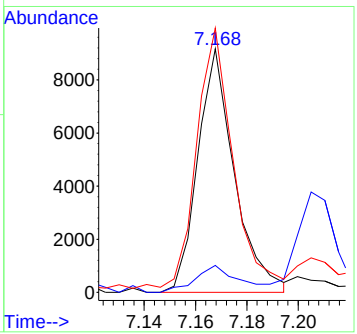


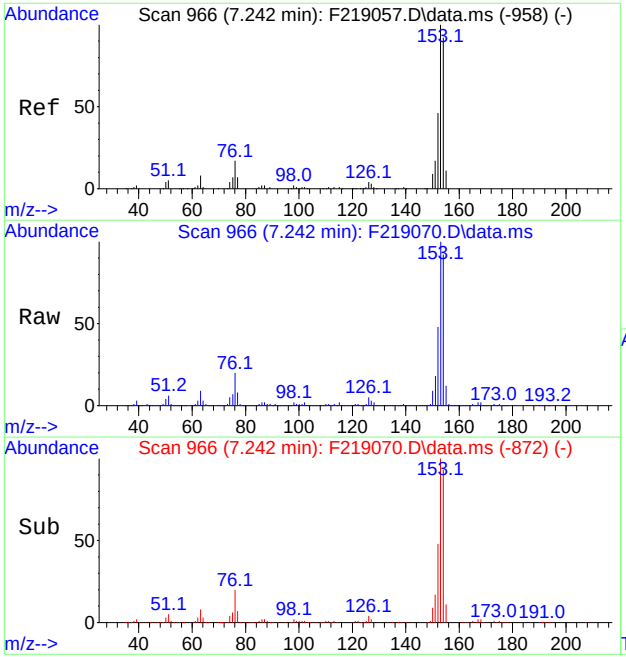


#58
3-Nitroaniline
Concen: 8.0823 ppm
RT: 7.168 min Scan# 952
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:138 Resp: 9144

Ion	Ratio	Lower	Upper
138	100		
108	8.5	0.0	39.2
92	107.0	71.8	131.8

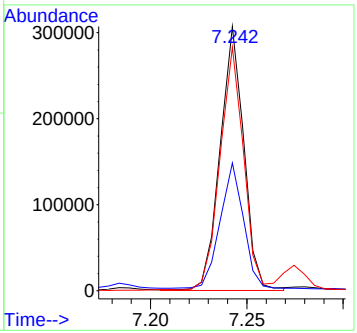


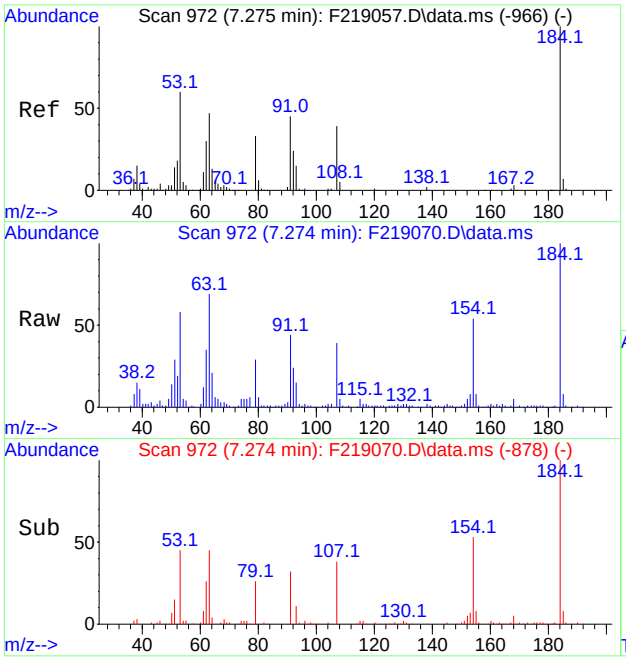


#59
Acenaphthene
Concen: 50.5540 ppm
RT: 7.242 min Scan# 966
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:153 Resp: 264174

Ion	Ratio	Lower	Upper
153	100		
152	47.8	15.8	75.8
154	89.3	53.0	113.0

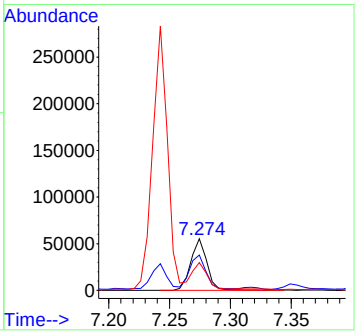


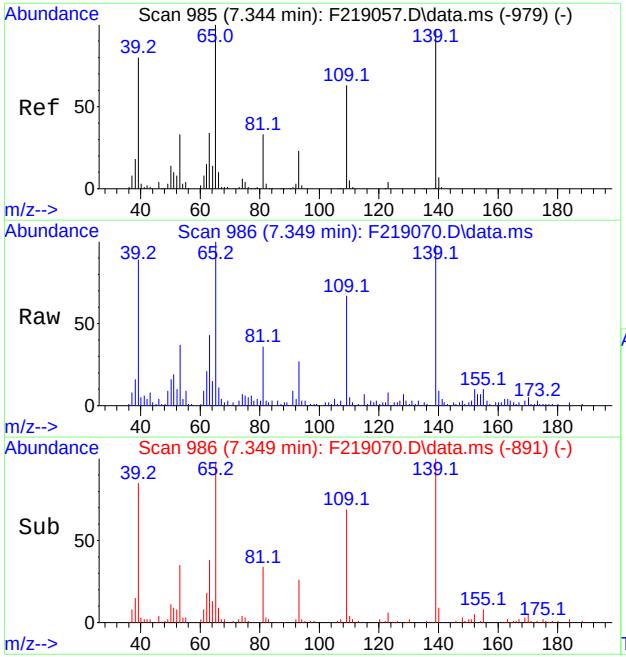


#60
2,4-Dinitrophenol
Concen: 113.5592 ppm
RT: 7.274 min Scan# 972
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:184 Resp: 51414

Ion	Ratio	Lower	Upper
184	100		
63	39.5	29.1	89.1
154	0.0	0.0	30.0

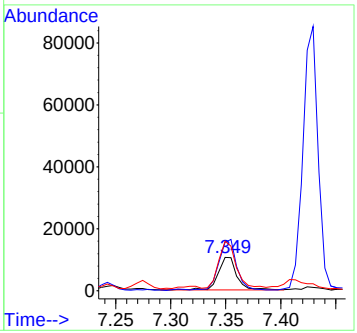


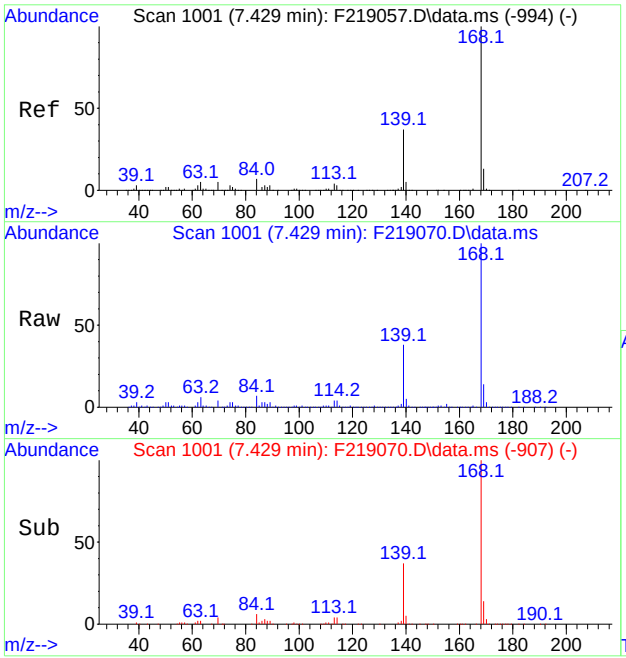


#61
4-Nitrophenol
Concen: 22.7036 ppm
RT: 7.349 min Scan# 986
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:109 Resp: 12191

Ion	Ratio	Lower	Upper
109	100		
139	146.0	122.7	182.7
65	141.1	128.1	188.1

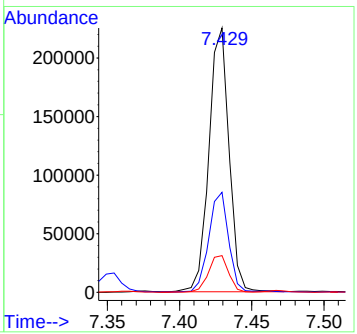


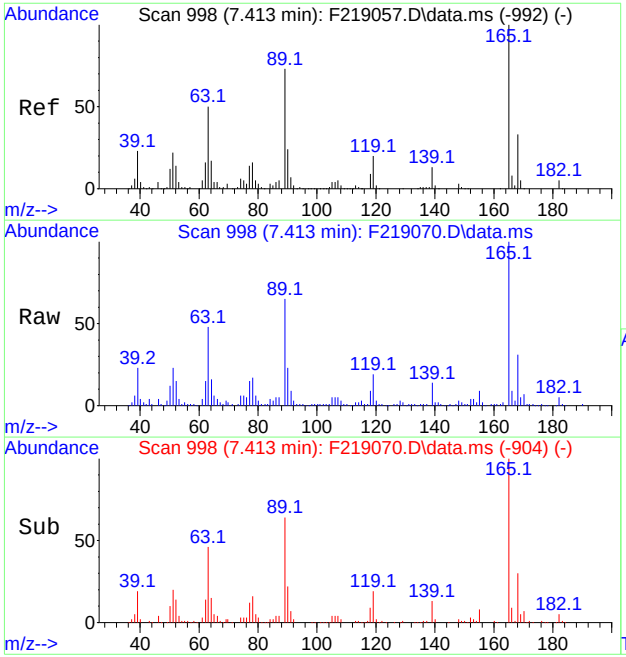


#62
Dibenzofuran
Concen: 32.5525 ppm
RT: 7.429 min Scan# 1001
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:168 Resp: 217656

Ion	Ratio	Lower	Upper
168	100		
139	37.7	6.6	66.6
169	13.7	0.0	43.3

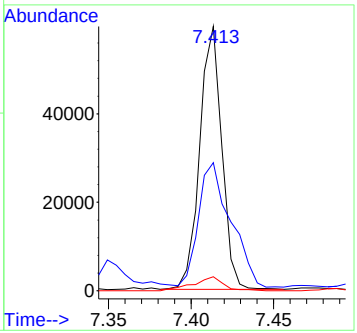


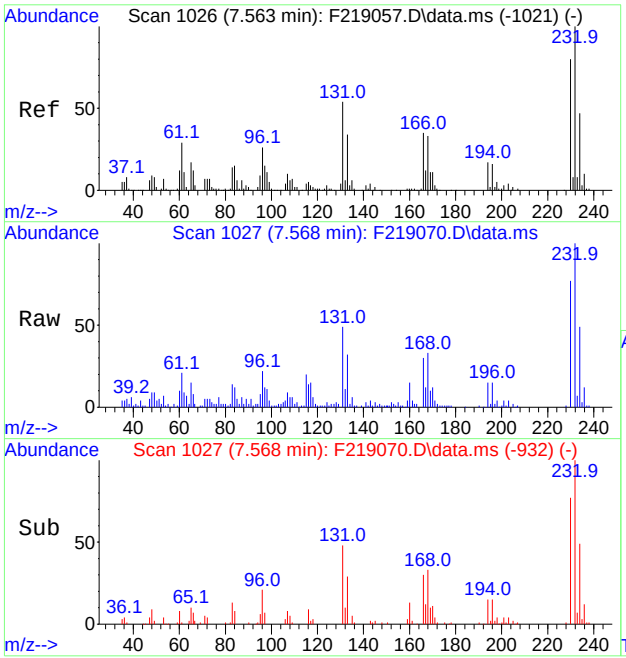


#63
2,4-Dinitrotoluene
Concen: 43.6029 ppm
RT: 7.413 min Scan# 998
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:165 Resp: 55358

Ion	Ratio	Lower	Upper
165	100		
63	46.7	19.9	79.9
182	5.4	0.0	34.6

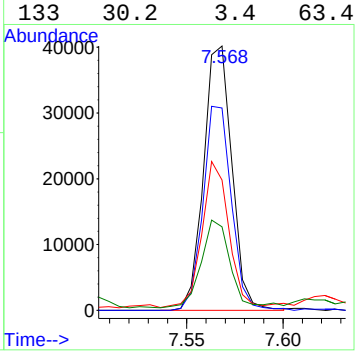


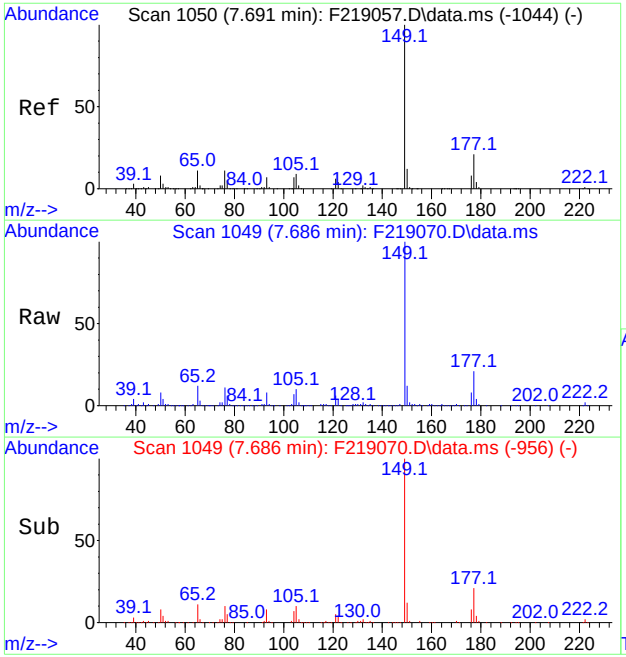


#64
2,3,4,6-Tetrachlorophenol
Concen: 34.9860 ppm
RT: 7.568 min Scan# 1027
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:232 Resp: 41157

Ion	Ratio	Lower	Upper
232	100		
230	76.4	49.6	109.6
131	47.5	23.8	83.8
133	30.2	3.4	63.4

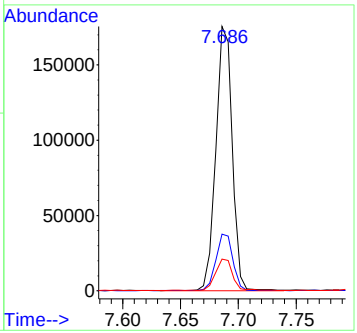


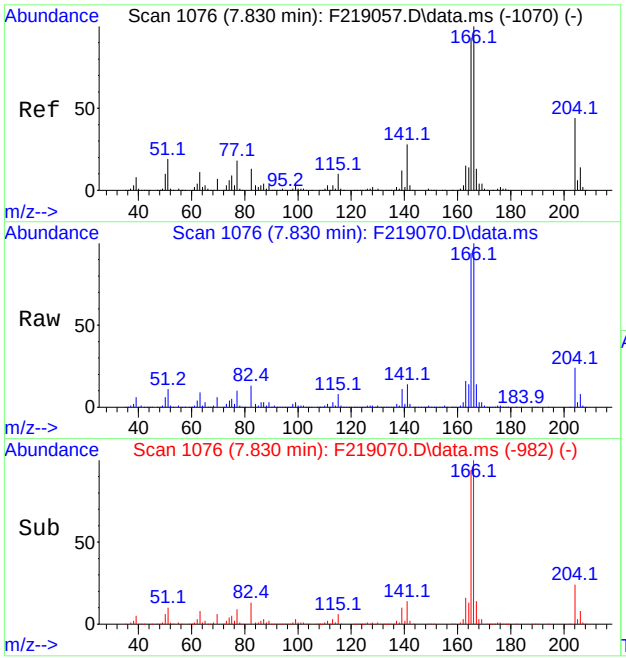


#65
Diethylphthalate
Concen: 33.5301 ppm
RT: 7.686 min Scan# 1049
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:149 Resp: 173914

Ion	Ratio	Lower	Upper
149	100		
177	21.3	0.0	51.3
150	11.9	0.0	42.0

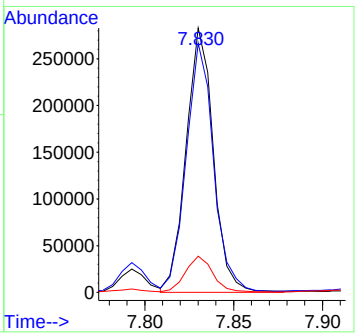


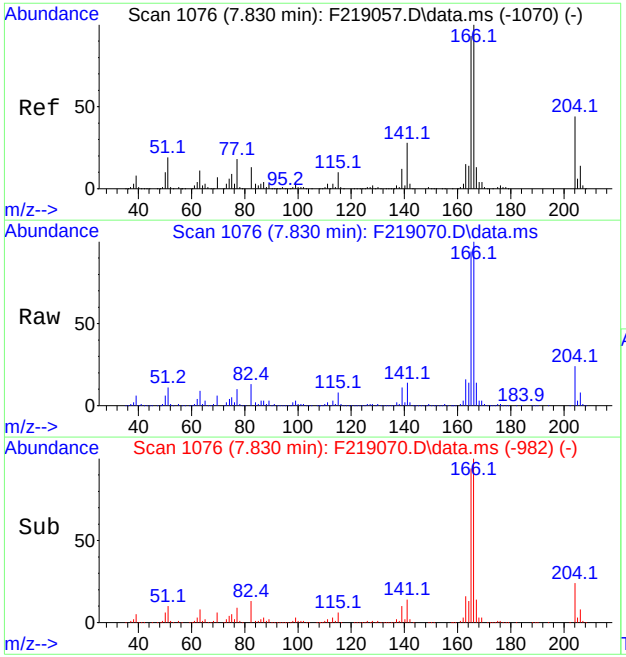


#66
Fluorene
Concen: 57.4926 ppm
RT: 7.830 min Scan# 1076
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:166 Resp: 301938

Ion	Ratio	Lower	Upper
166	100		
165	94.1	62.5	122.5
167	13.6	0.0	43.1

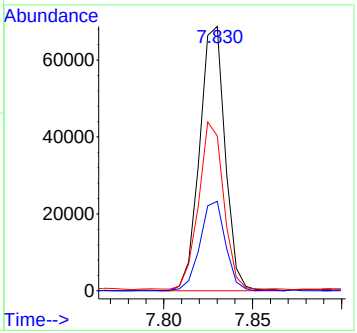


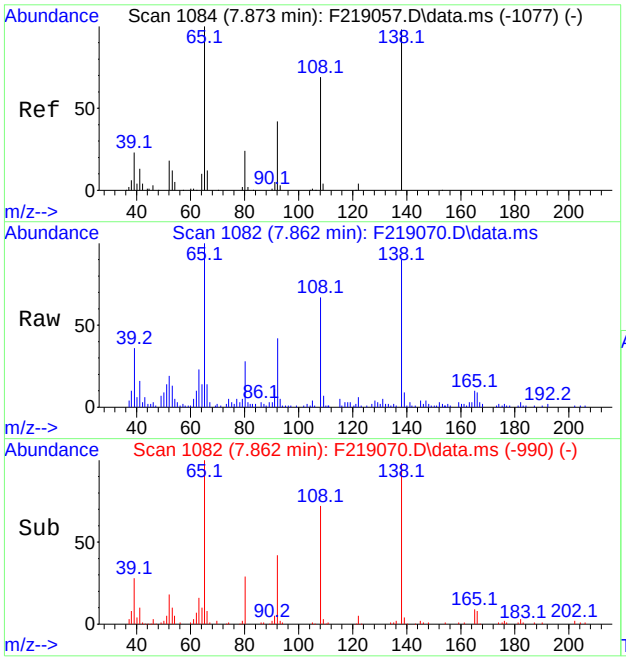


#67
4-Chlorophenyl-phenylether
Concen: 27.9155 ppm
RT: 7.830 min Scan# 1076
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:204 Resp: 68641

Ion	Ratio	Lower	Upper
204	100		
206	33.9	3.0	63.0
141	58.0	33.0	93.0

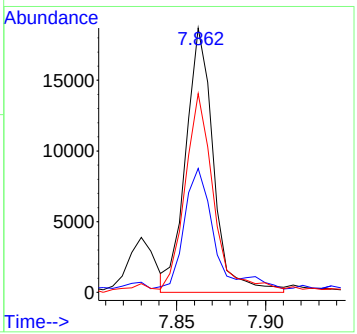


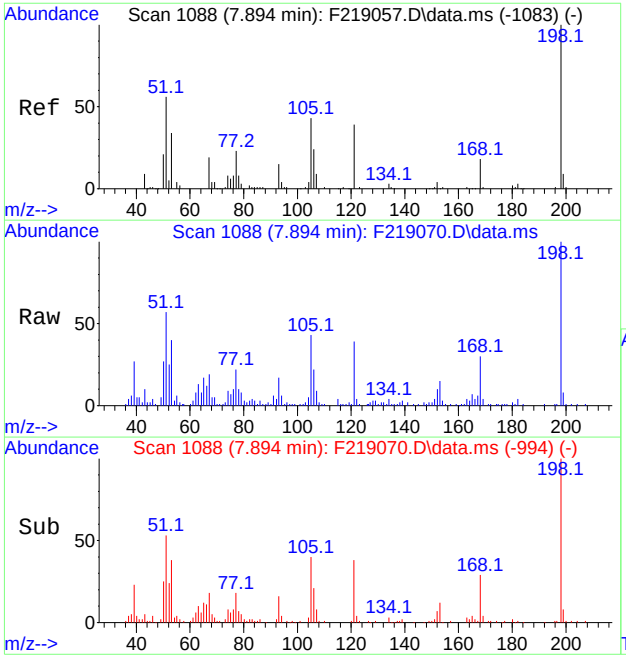


#68
4-Nitroaniline
Concen: 17.6764 ppm
RT: 7.862 min Scan# 1082
Delta R.T. -0.011 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:138 Resp: 20368

Ion	Ratio	Lower	Upper
138	100		
92	47.3	13.1	73.1
108	77.4	40.4	100.4

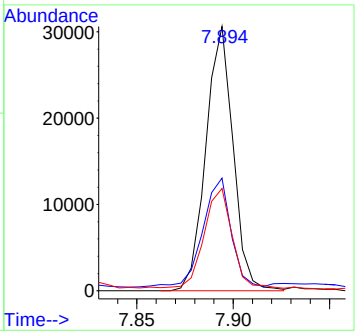


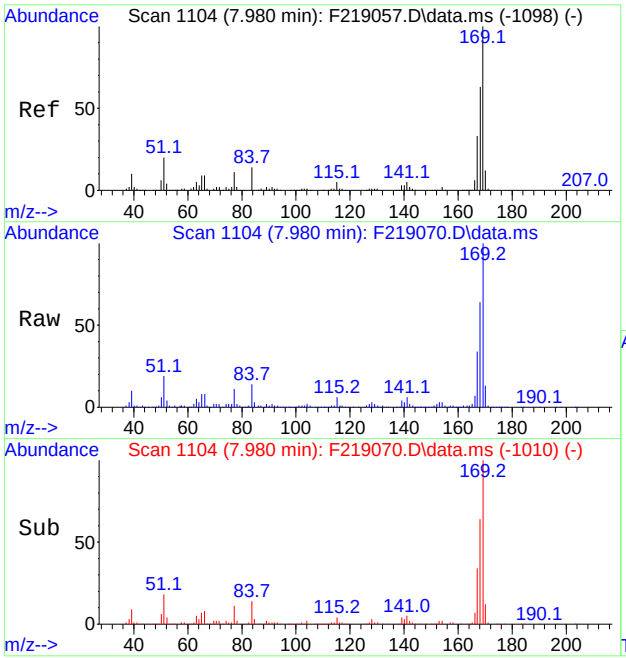


#70
4,6-Dinitro-2-methylphenol
Concen: 57.9604 ppm
RT: 7.894 min Scan# 1088
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:198 Resp: 30138

Ion	Ratio	Lower	Upper
198	100		
105	40.1	13.4	73.4
121	37.7	9.5	69.5

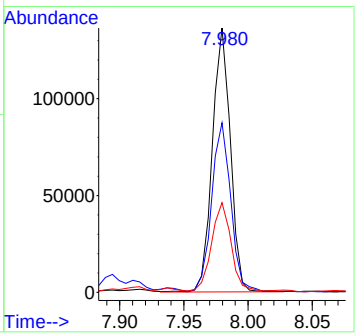


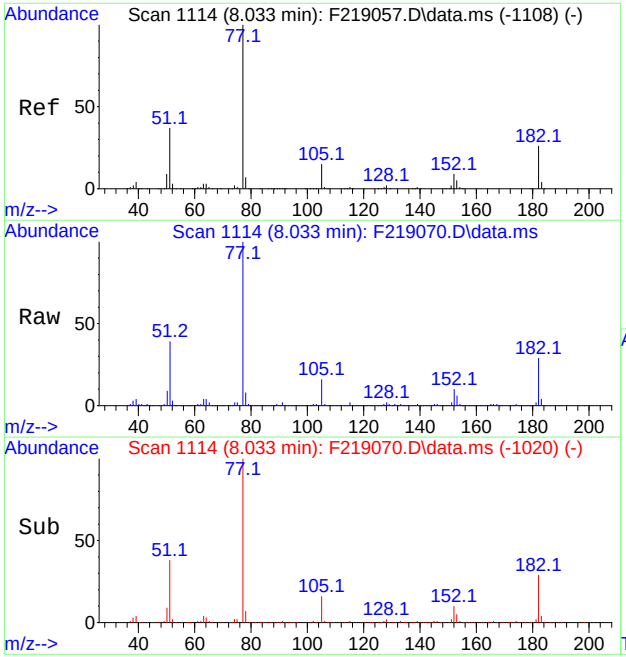


#71
n-Nitrosodiphenylamine
Concen: 34.3259 ppm
RT: 7.980 min Scan# 1104
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:169 Resp: 133253

Ion	Ratio	Lower	Upper
169	100		
168	63.5	32.8	92.8
167	33.1	3.3	63.3

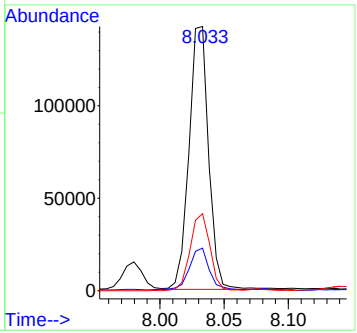


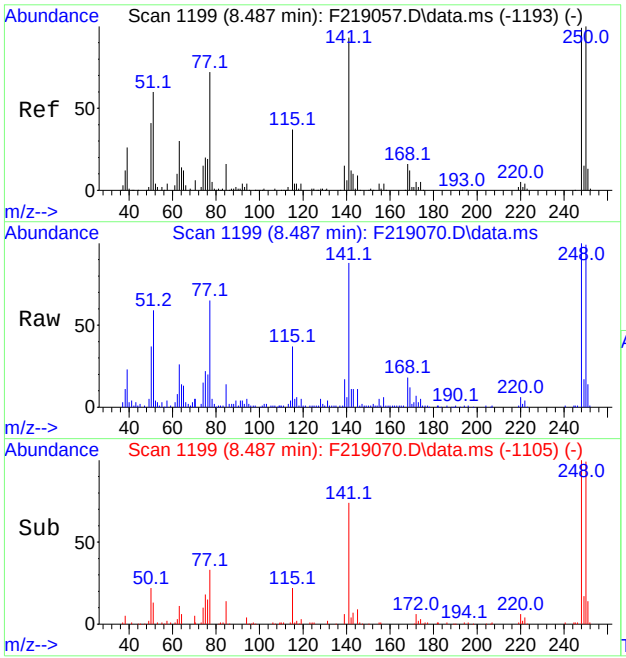


#72
1,2-Diphenylhydrazine
Concen: 35.3354 ppm
RT: 8.033 min Scan# 1114
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 77 Resp: 152060

Ion	Ratio	Lower	Upper
77	100		
105	15.8	0.0	45.0
182	29.4	0.0	56.4

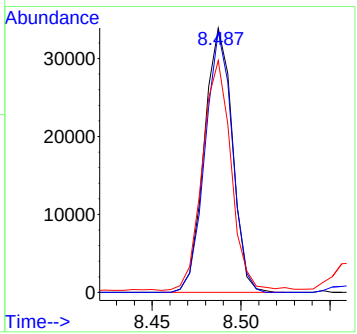


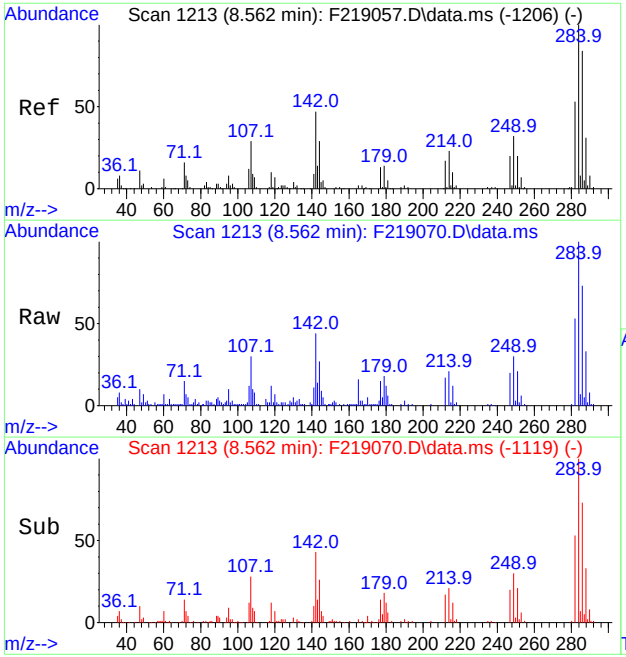


#74
4-Bromophenyl-phenylether
Concen: 26.9169 ppm
RT: 8.487 min Scan# 1199
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:248 Resp: 37221

Ion	Ratio	Lower	Upper
248	100		
250	98.8	71.3	131.3
141	86.3	63.6	123.6

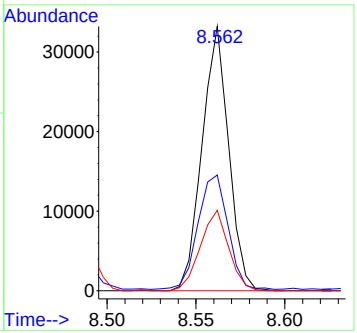


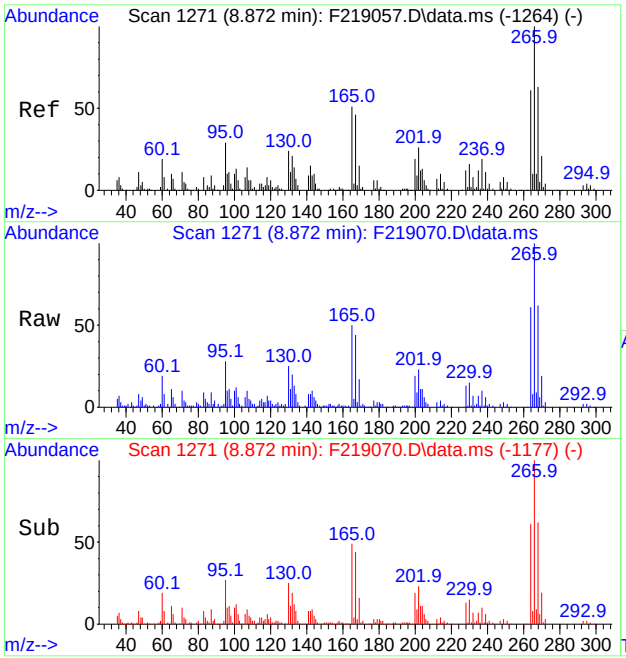


#75
Hexachlorobenzene
Concen: 19.9053 ppm
RT: 8.562 min Scan# 1213
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:284 Resp: 34612

Ion	Ratio	Lower	Upper
284	100		
142	43.1	17.3	77.3
249	30.4	2.5	62.5

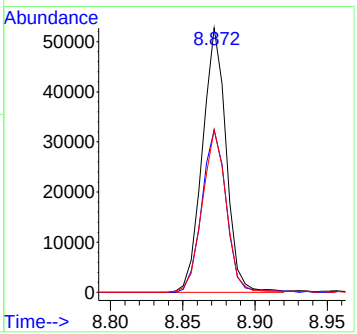


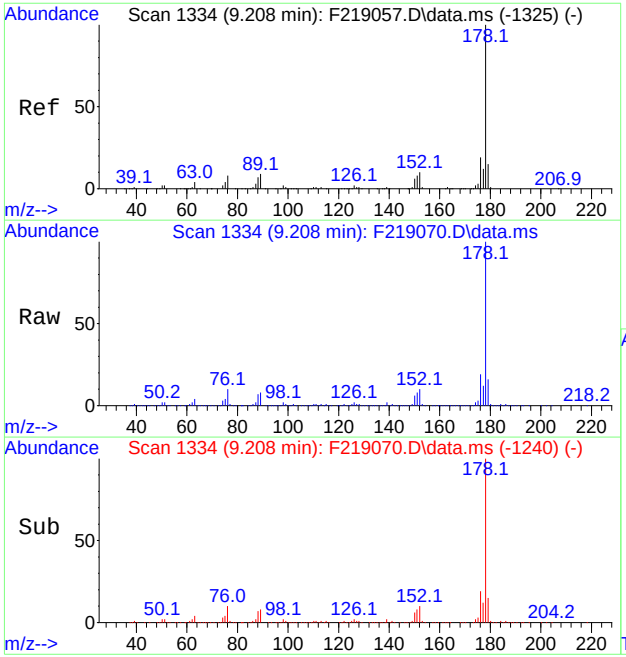


#76
Pentachlorophenol
Concen: 67.6520 ppm
RT: 8.872 min Scan# 1271
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:266 Resp: 60149

Ion	Ratio	Lower	Upper
266	100		
264	61.2	30.6	90.6
268	61.6	32.4	92.4

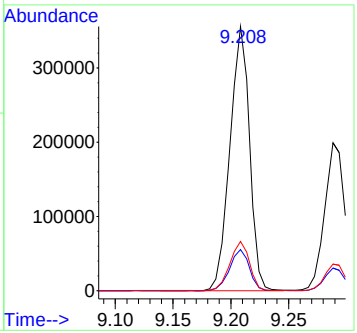


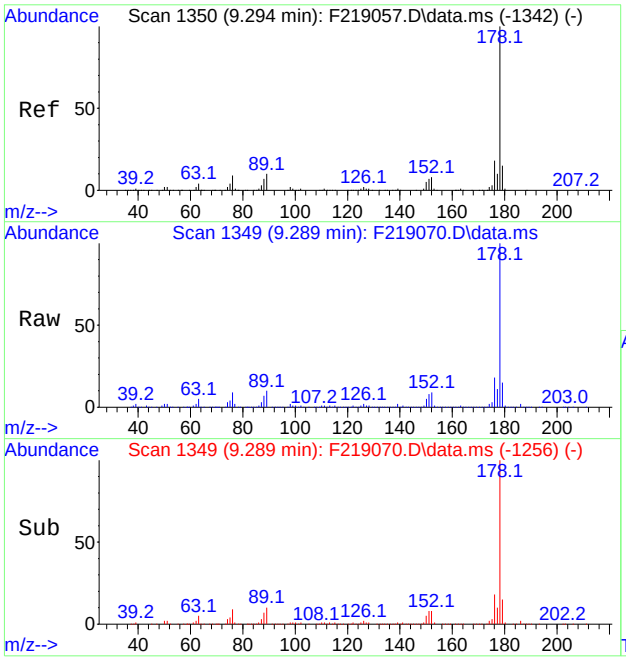


#77
Phenanthrene
Concen: 59.7152 ppm
RT: 9.208 min Scan# 1334
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:178 Resp: 420739

Ion	Ratio	Lower	Upper
178	100		
179	15.5	0.0	45.4
176	18.5	0.0	48.6

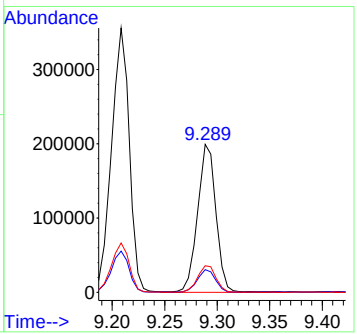


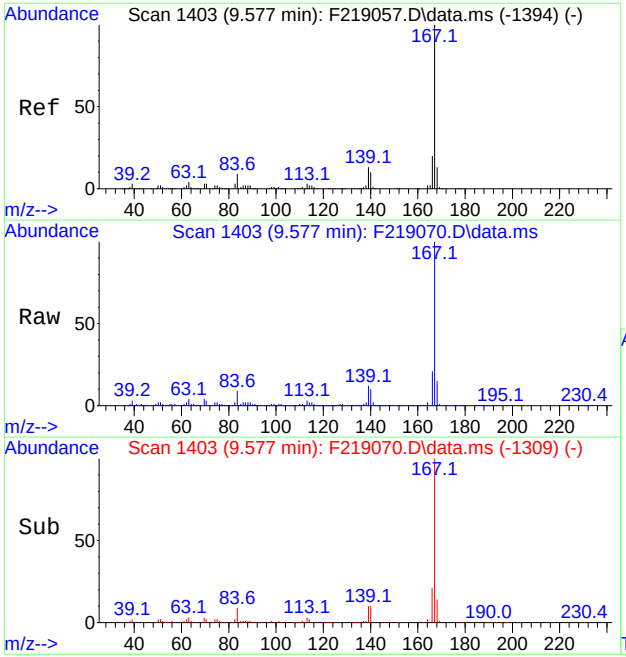


#78
Anthracene
Concen: 35.2246 ppm
RT: 9.289 min Scan# 1349
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:178 Resp: 243122

Ion	Ratio	Lower	Upper
178	100		
179	15.3	0.0	44.8
176	17.9	0.0	47.7

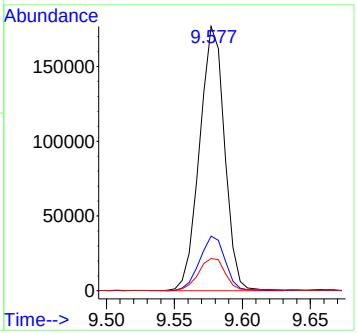


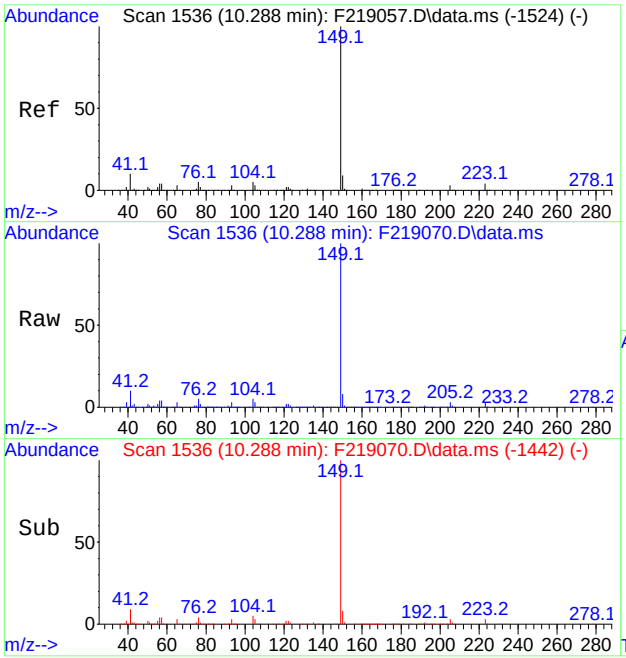


#79
Carbazole
Concen: 35.6196 ppm
RT: 9.577 min Scan# 1403
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:167 Resp: 226244

Ion	Ratio	Lower	Upper
167	100		
166	20.6	0.0	50.5
139	12.0	0.0	42.8

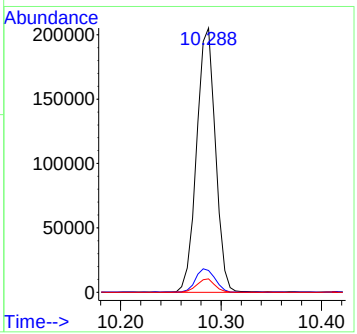


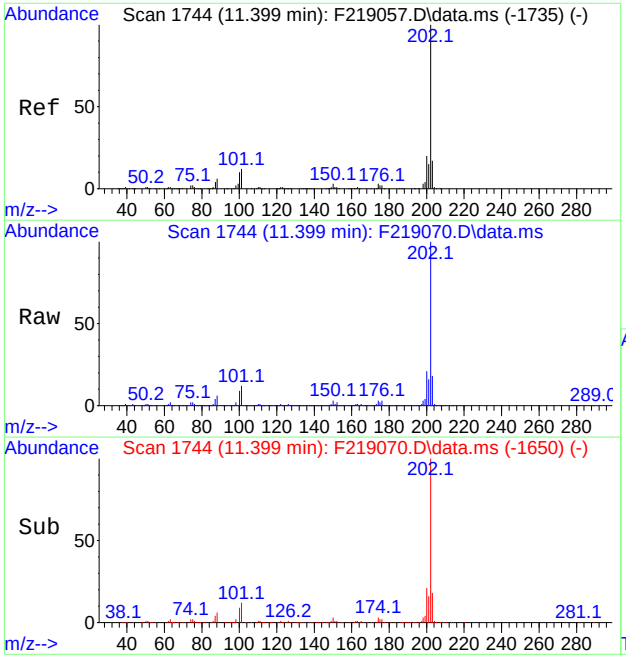


#80
Di-n-butylphthalate
Concen: 34.2454 ppm
RT: 10.288 min Scan# 1536
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:149 Resp: 268133

Ion	Ratio	Lower	Upper
149	100		
150	8.2	0.0	39.1
104	5.1	0.0	34.9

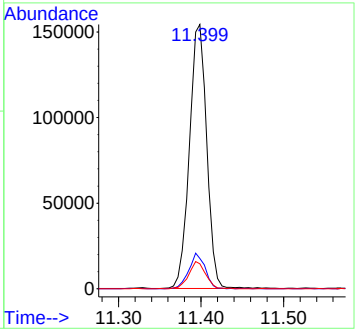


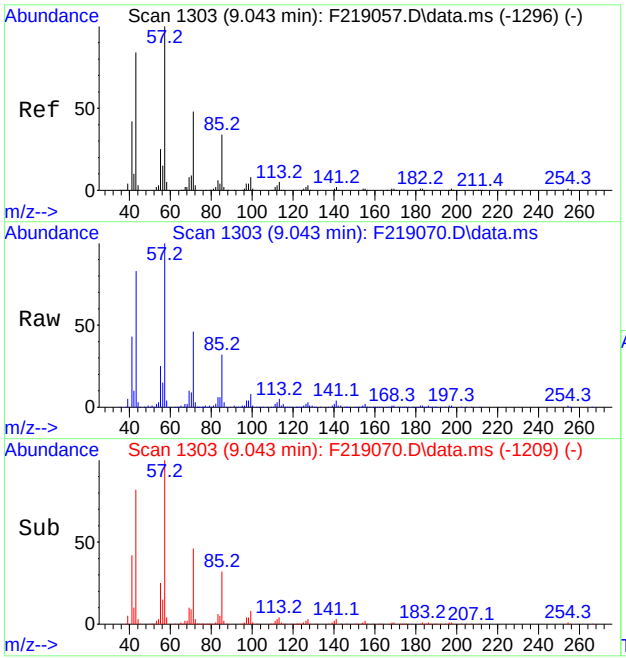


#81
Fluoranthene
Concen: 30.6083 ppm
RT: 11.399 min Scan# 1744
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:202 Resp: 224879

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	42.4
100	9.4	0.0	40.3

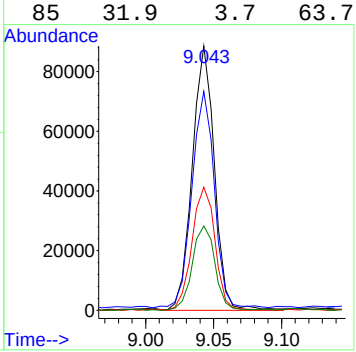


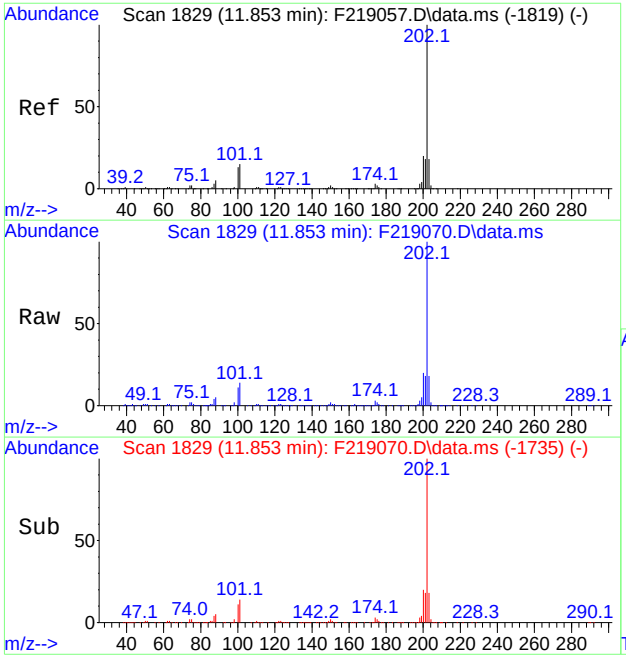


#82
Octadecane
Concen: 43.4076 ppm
RT: 9.043 min Scan# 1303
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 57 Resp: 100765

Ion	Ratio	Lower	Upper
57	100		
43	81.6	54.1	114.1
71	46.3	18.2	78.2
85	31.9	3.7	63.7

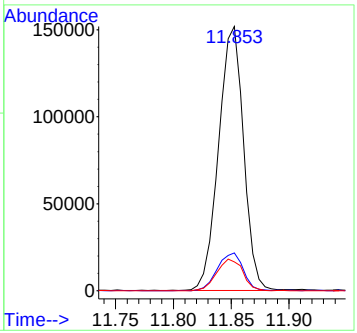


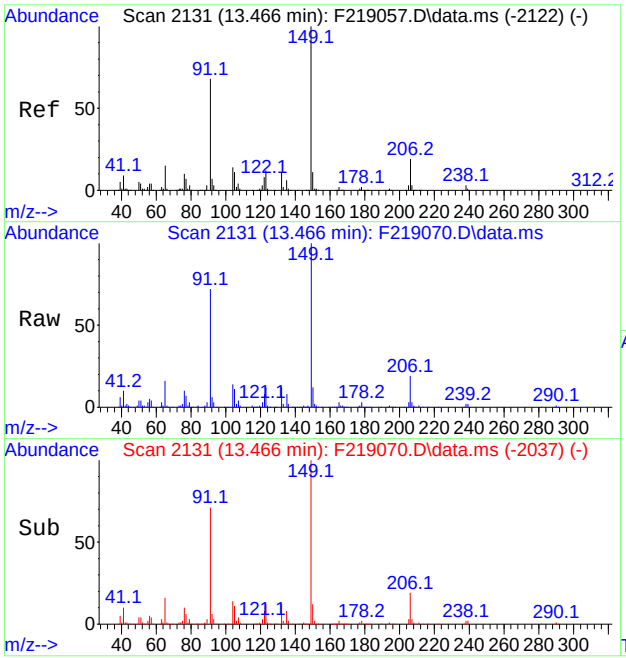


#85
Pyrene
Concen: 34.8845 ppm
RT: 11.853 min Scan# 1829
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:202 Resp: 228576

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	45.4
100	10.9	0.0	42.5

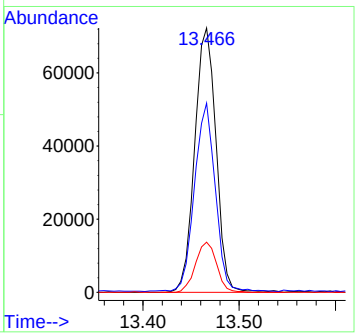


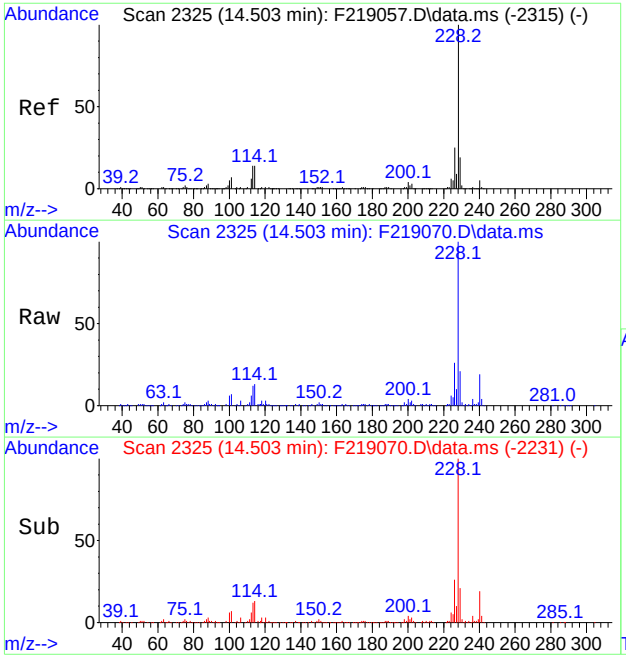


#87
Butylbenzylphthalate
Concen: 43.5504 ppm
RT: 13.466 min Scan# 2131
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:149 Resp: 111650

Ion	Ratio	Lower	Upper
149	100		
91	70.8	37.7	97.7
206	19.0	0.0	48.6

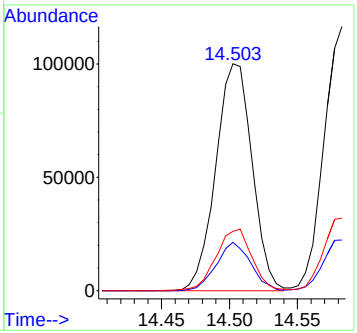


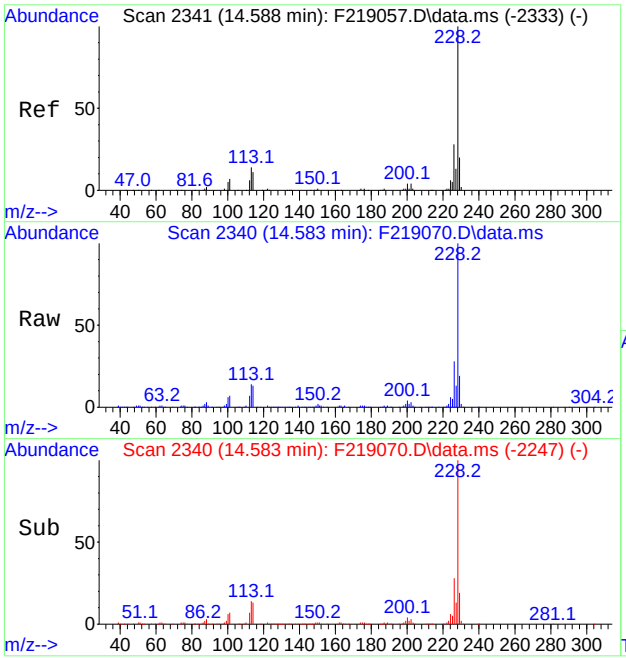


#88
Benzo[a]anthracene
Concen: 29.7660 ppm
RT: 14.503 min Scan# 2325
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:228 Resp: 186406

Ion	Ratio	Lower	Upper
228	100		
229	21.3	0.0	49.4
226	26.1	0.0	54.9

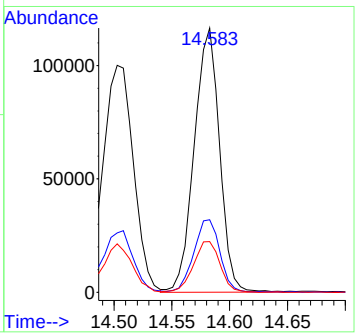


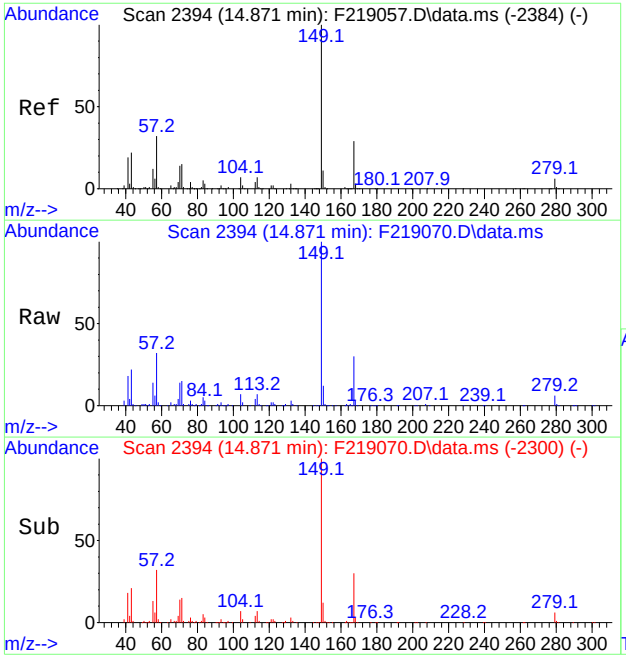


#90
Chrysene
Concen: 28.6930 ppm
RT: 14.583 min Scan# 2340
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:228 Resp: 177857

Ion	Ratio	Lower	Upper
228	100		
226	27.4	0.0	58.2
229	19.2	0.0	49.8

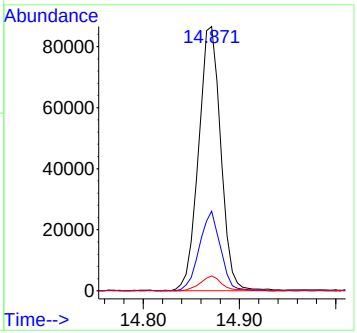


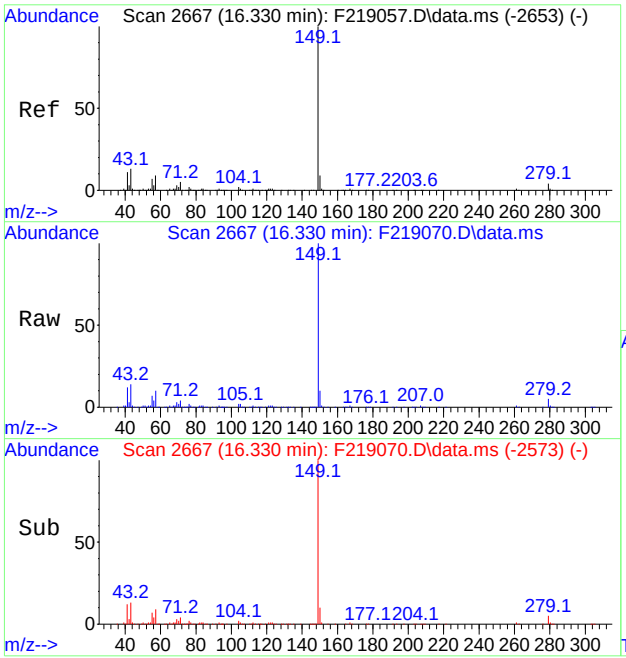


#91
bis(2-Ethylhexyl)phthalate
Concen: 35.9383 ppm
RT: 14.871 min Scan# 2394
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:149 Resp: 138987

Ion	Ratio	Lower	Upper
149	100		
167	30.2	0.0	58.9
279	5.7	0.0	35.5

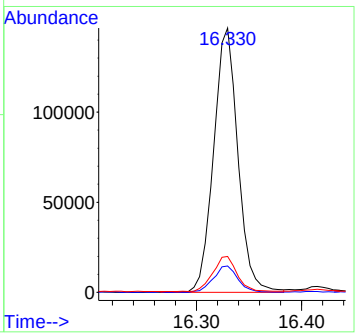


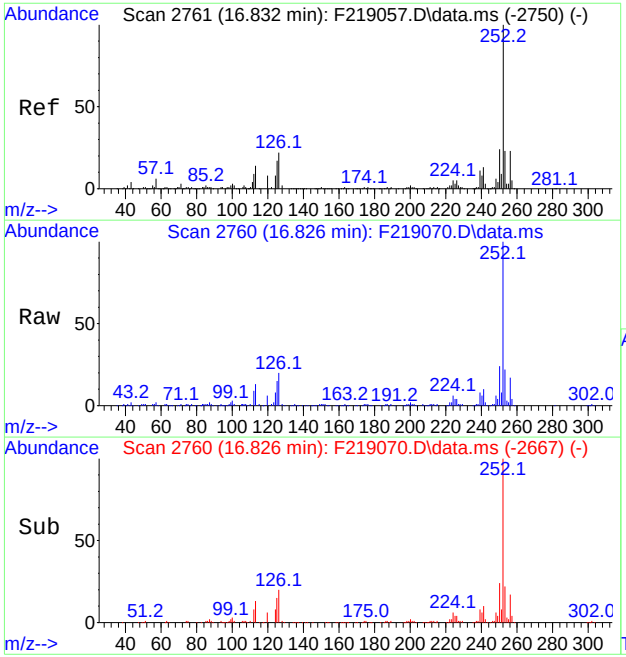


#93
Di-n-octylphthalate
Concen: 40.3938 ppm
RT: 16.330 min Scan# 2667
Delta R.T. -0.000 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:149 Resp: 236097

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	39.4
43	13.2	0.0	43.4

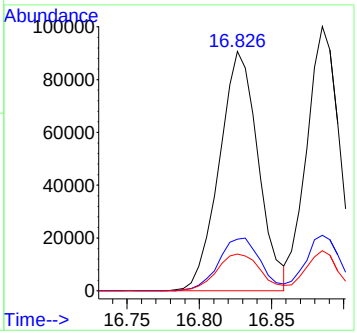


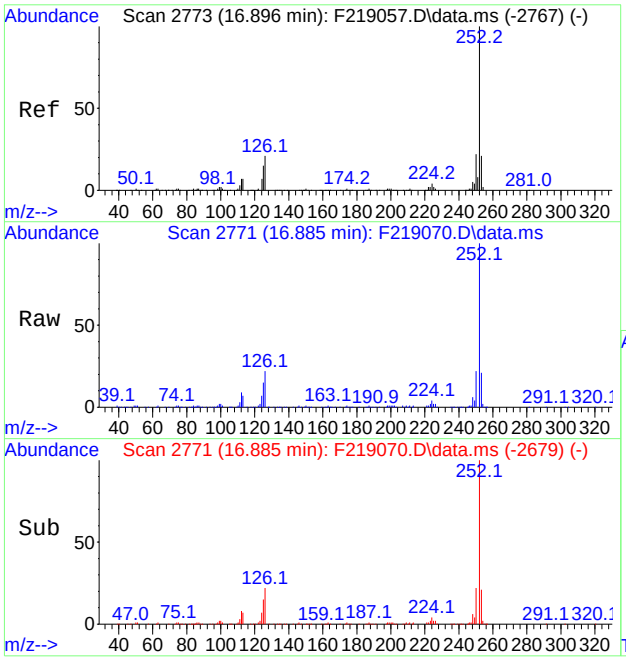


#94
Benzo[b]fluoranthene
Concen: 30.9868 ppm
RT: 16.826 min Scan# 2760
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:252 Resp: 170380

Ion	Ratio	Lower	Upper
252	100		
253	21.3	0.0	52.8
125	15.0	0.0	46.6

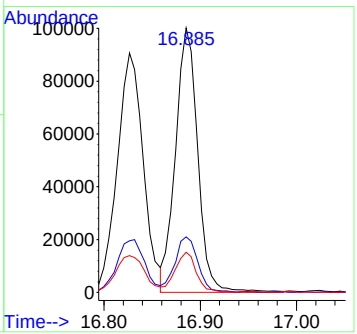


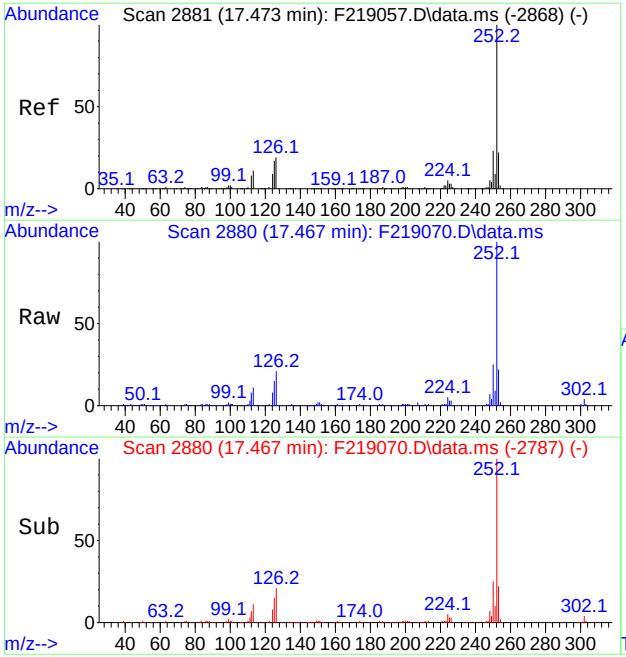


#95
Benzo[k]fluoranthene
Concen: 30.3847 ppm
RT: 16.885 min Scan# 2771
Delta R.T. -0.011 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:252 Resp: 161176

Ion	Ratio	Lower	Upper
252	100		
253	20.6	0.0	51.5
125	14.7	0.0	45.2

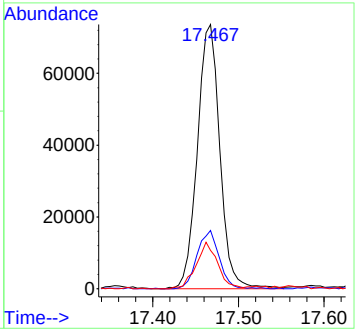


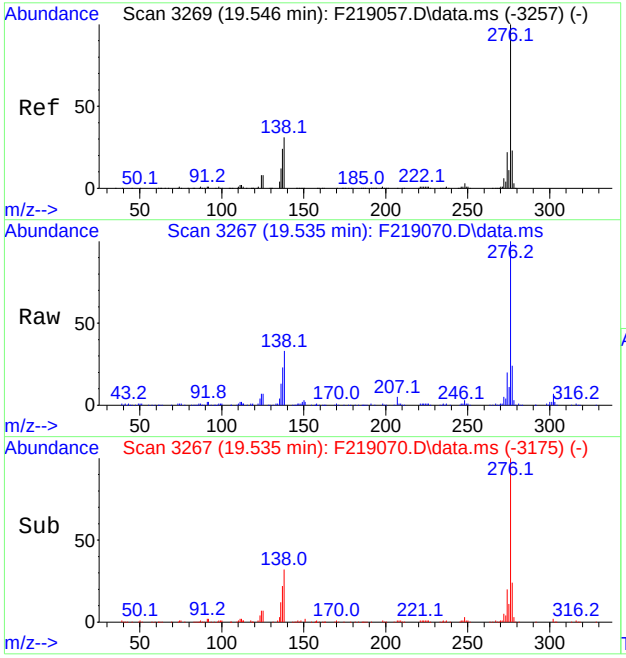


#96
Benzo[a]pyrene
Concen: 30.2760 ppm
RT: 17.467 min Scan# 2880
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:252 Resp: 134616

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	51.5
125	14.1	0.0	46.5

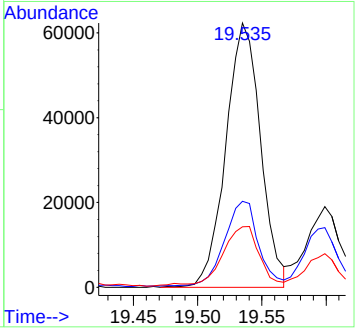


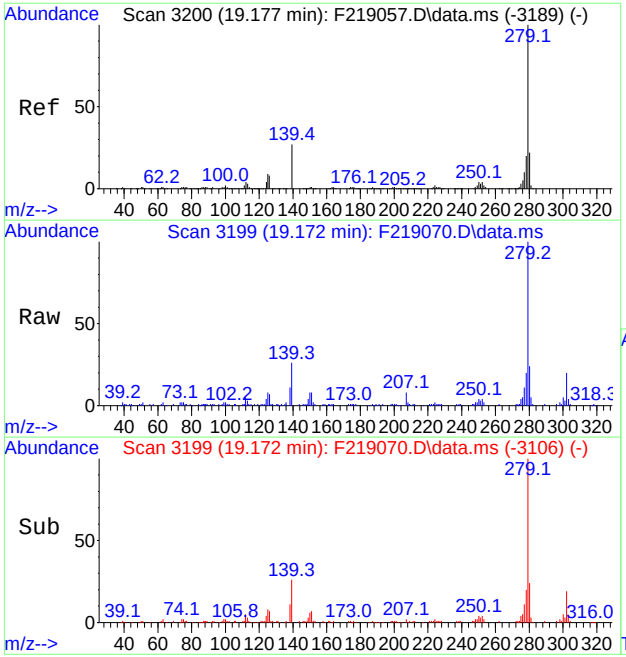


#97
Indeno[1,2,3-cd]pyrene
Concen: 25.4640 ppm
RT: 19.535 min Scan# 3267
Delta R.T. -0.011 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:276 Resp: 117437

Ion	Ratio	Lower	Upper
276	100		
138	32.1	0.0	59.6
137	22.4	0.0	53.8

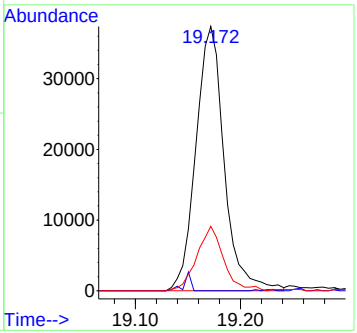


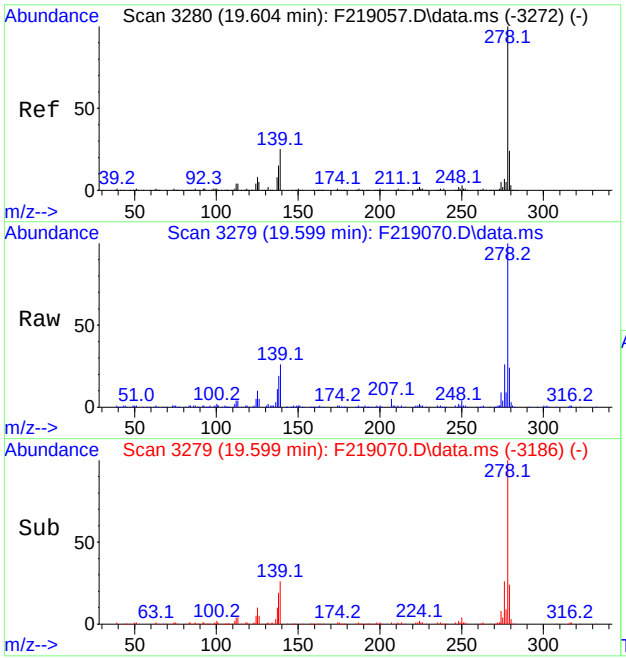


#98
Dibenz(a,h)acridine
Concen: 16.3821 ppm
RT: 19.172 min Scan# 3199
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:279 Resp: 70002

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	24.3	0.0	52.2

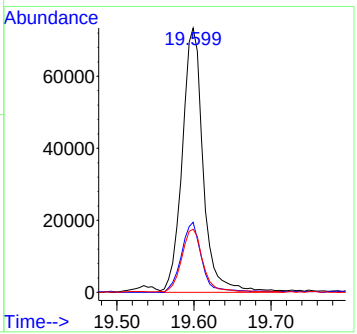


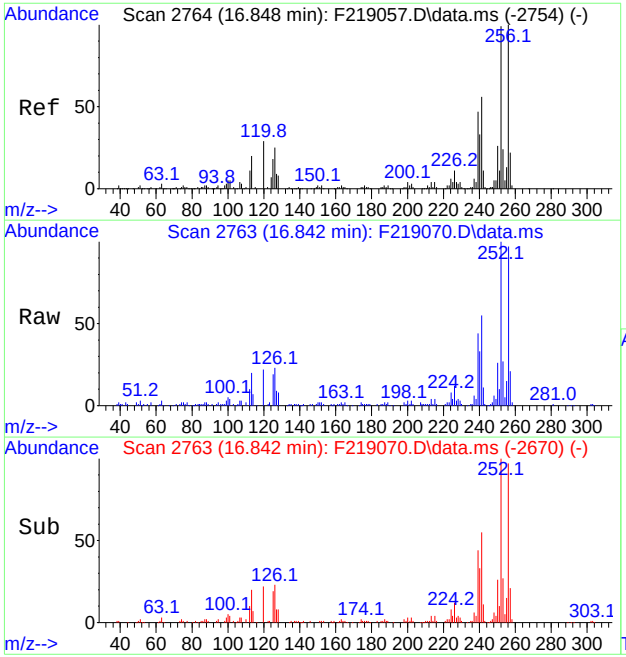


#99
Dibenz[a,h]anthracene
Concen: 26.6095 ppm
RT: 19.599 min Scan# 3279
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:278 Resp: 138859

Ion	Ratio	Lower	Upper
278	100		
139	26.5	0.0	54.8
279	23.9	0.0	54.2

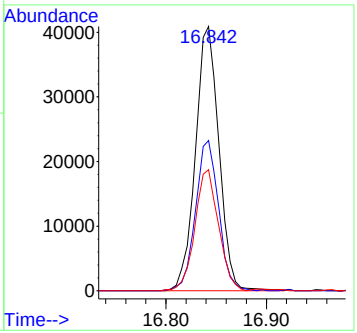


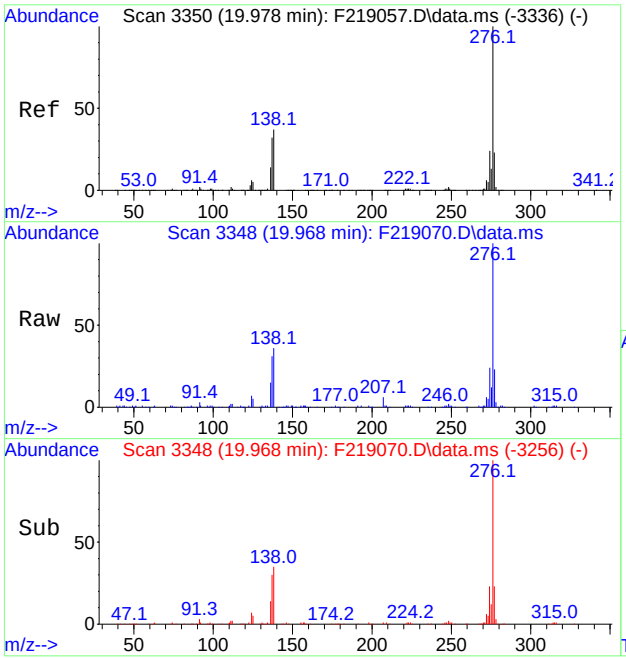


#100
7,12-Dimethylbenz(a)anthracene
Concen: 32.6787 ppm
RT: 16.842 min Scan# 2763
Delta R.T. -0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:256 Resp: 66754

Ion	Ratio	Lower	Upper
256	100		
241	56.6	26.1	86.1
239	45.5	17.0	77.0

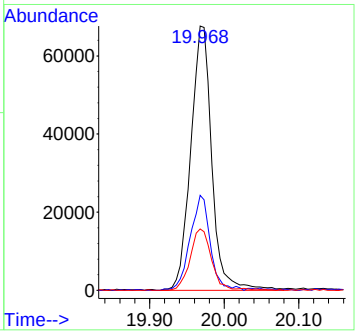


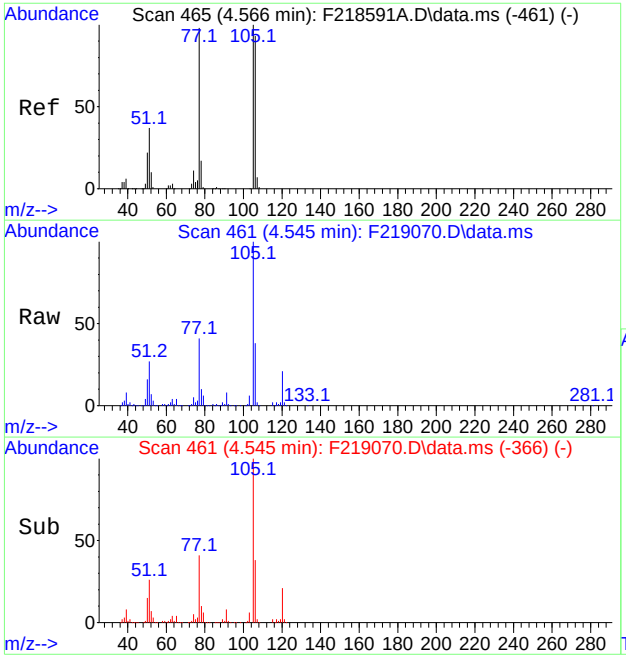


#101
Benzo[g,h,i]perylene
Concen: 24.5663 ppm
RT: 19.968 min Scan# 3348
Delta R.T. -0.011 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:276 Resp: 133432

Ion	Ratio	Lower	Upper
276	100		
138	35.8	6.8	66.8
277	23.3	0.0	53.3

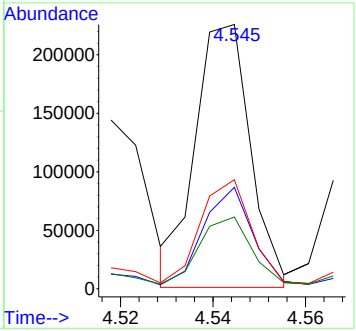


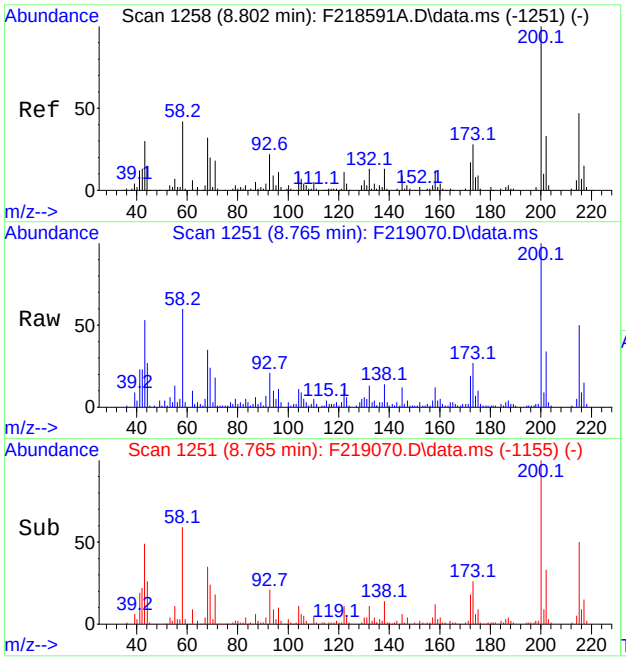


#103
Benzaldehyde
Concen: 95.5967 ppm
RT: 4.545 min Scan# 461
Delta R.T. 0.005 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:105 Resp: 186007

Ion	Ratio	Lower	Upper
105	100		
106	40.7	69.7	129.7#
77	43.4	78.9	138.9#
51	28.0	46.4	106.4#

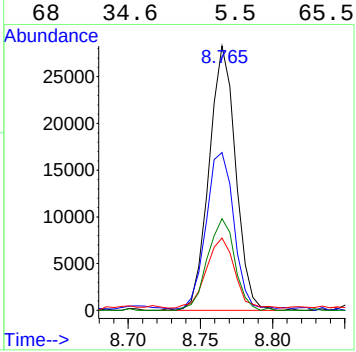


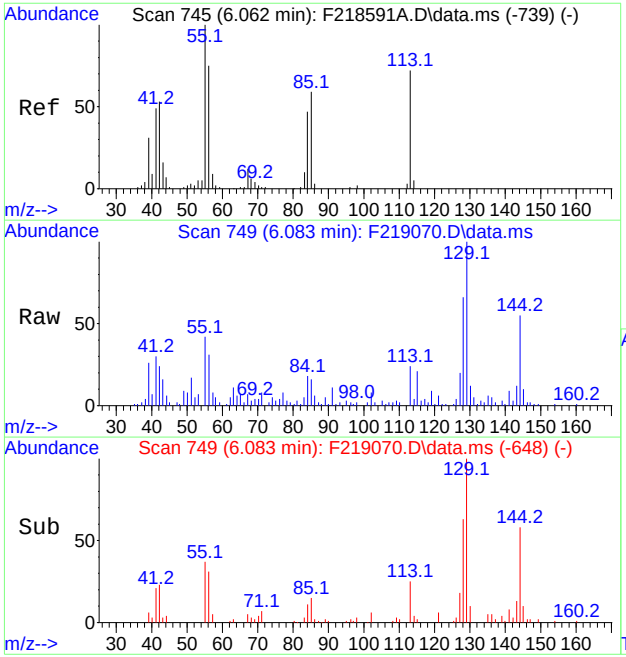


#105
Atrazine
Concen: 30.6785 ppm
RT: 8.765 min Scan# 1251
Delta R.T. 0.011 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion:200 Resp: 36100

Ion	Ratio	Lower	Upper
200	100		
58	58.7	34.8	94.8
44	26.3	0.0	56.5
68	34.6	5.5	65.5

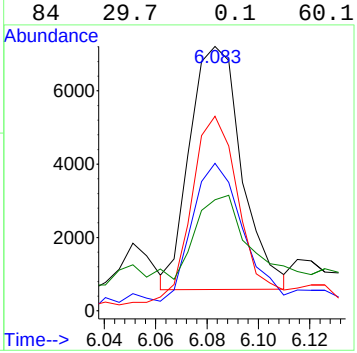




#107
Caprolactam
Concen: 13.6159 ppm
RT: 6.083 min Scan# 749
Delta R.T. 0.037 min
Lab File: F219070.D
Acq: 20 Feb 2024 3:29 pm

Tgt Ion: 55 Resp: 9346

Ion	Ratio	Lower	Upper
55	100		
113	59.0	20.1	80.1
56	77.5	45.9	105.9
84	29.7	0.1	60.1



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219071.D
Acq On : 20 Feb 2024 3:56 pm
Operator : karimam
Sample : op52499-msd Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 21 01:38:08 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 01:01:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	4.844	152	78471	40.00	ppm		0.00
24) Naphthalene-d8	5.757	136	308573	40.00	ppm		0.02
46) Acenaphthene-d10	7.210	164	177233	40.00	ppm		0.00
69) Phenanthrene-d10	9.171	188	296272	40.00	ppm		0.00
83) Chrysene-d12	14.524	240	219301	40.00	ppm		0.00
92) Perylene-d12	17.585	264	214934	40.00	ppm		0.00
102) 1,4-Dichlorobenzene-d4b	4.844	152	78471	40.00	ppm		0.00
104) Phenanthrene-d10b	9.171	188	296438	40.00	ppm		0.00
106) Naphthalene-d8b	5.757	136	308573	40.00	ppm	#	0.02
108) Chrysene-d12d	14.524	240	219301	40.00	ppm		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.936	112	34672	16.05	ppm		0.00
Spiked Amount 50.000			Recovery = 32.10%				
8) Phenol-d5	4.582	99	30384	11.99	ppm		0.00
Spiked Amount 50.000			Recovery = 23.98%				
25) Nitrobenzene-d5	5.234	82	88614	39.16	ppm		0.00
Spiked Amount 50.000			Recovery = 78.32%				
51) 2-Fluorobiphenyl	6.564	172	177101	29.88	ppm		0.00
Spiked Amount 50.000			Recovery = 59.76%				
73) 2,4,6-Tribromophenol	8.140	330	22210	25.48	ppm		0.00
Spiked Amount 50.000			Recovery = 50.96%				
86) Terphenyl-d14	12.280	244	97764	18.56	ppm		0.00
Spiked Amount 50.000			Recovery = 37.12%				
Target Compounds							Qvalue
2) 1,4-Dioxane	2.739	88	12885	13.3936	ppm		99
3) Pyridine	3.001	79	23698	9.9261	ppm		96
4) N-Nitrosodimethylamine	2.963	42	28049	37.0302	ppm		93
6) Indene	5.036	116	3143484	785.8543	ppm		97
7) Cumene	4.288	105	169122	33.5681	ppm		99
9) Phenol	4.593	94	44170	15.9214	ppm		88
10) Aniline	4.619	93	34225	9.9878	ppm		66
11) bis(2-Chloroethyl)ether	4.657	93	83103	39.0708	ppm		95
12) 2-Chlorophenol	4.700	128	71544	29.4748	ppm		97
13) Decane	4.716	43	82579	40.0903	ppm		98
14) 1,3-Dichlorobenzene	4.806	146	77707	27.2977	ppm		99
15) 1,4-Dichlorobenzene	4.854	146	81390	27.5642	ppm		99
16) Benzyl alcohol	4.940	108	41528	28.0748	ppm		97
17) 1,2-Dichlorobenzene	4.967	146	78996	28.4690	ppm		94
18) Acetophenone	5.127	105	135079	40.2285	ppm		95
19) 2-Methylphenol	5.015	108	57976	26.9968	ppm		98
20) 2,2'-oxybis(1-Chloropr...	5.025	121	29697	46.3125	ppm	#	73
21) 3&4-Methylphenol	5.122	108	105161	47.2724	ppm		98
22) n-Nitroso-di-n-propyla...	5.122	70	63723	40.3322	ppm		97
23) Hexachloroethane	5.202	201	26166	26.7229	ppm		88
26) Nitrobenzene	5.250	77	104890	45.0758	ppm		91
27) Quinoline	6.014	129	183287	38.7120	ppm		96
28) Isophorone	5.421	82	181918	42.7069	ppm		95
29) 2-Nitrophenol	5.474	139	48213	45.0449	ppm		90
30) 2,4-Dimethylphenol	5.501	107	82285	34.6445	ppm		98
31) Benzoic acid	5.560	105	29852	24.6465	ppm	#	37
32) bis(2-Chloroethoxy)met...	5.570	93	109021	39.5567	ppm		98
33) 2,4-Dichlorophenol	5.650	162	71538	35.0841	ppm		94
34) 2,6-Dichlorophenol	5.800	162	70164	34.0357	ppm		86
35) 1,3,5-Trichlorobenzene	5.474	180	69579	27.5002	ppm		100
36) 1,2,4-Trichlorobenzene	5.715	180	71088	29.5747	ppm		98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219071.D
Acq On : 20 Feb 2024 3:56 pm
Operator : karimam
Sample : op52499-msd Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 21 01:38:08 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 01:01:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) 1,2,3-Trichlorobenzene	5.859	180	68945	29.4357	ppm		96
38) Naphthalene	5.784	128	13172020	1702.8381	ppm		87
39) 4-Chloroaniline	5.784	127	2171575	704.4491	ppm	#	29
40) 2,3-Dichloroaniline	6.495	161	87620	35.5496	ppm		99
42) Hexachlorobutadiene	5.837	225	38065	28.1601	ppm		94
43) 4-Chloro-3-methylphenol	6.147	107	67855	36.3774	ppm		89
44) 2-Methylnaphthalene	6.270	141	887926	199.8908	ppm		100
45) 1-Methylnaphthalene	6.350	142	1126171	242.8992	ppm		98
47) Hexachlorocyclopentadiene	6.388	237	70081	63.1344	ppm		98
48) 1,2,4,5-tetrachloroben...	6.398	216	67366	26.6116	ppm		98
49) 2,4,6-Trichlorophenol	6.495	196	53865	36.1327	ppm		99
50) 2,4,5-Trichlorophenol	6.537	196	60342	36.4167	ppm		93
52) 2-Chloronaphthalene	6.676	162	151417	30.0203	ppm		99
53) Biphenyl	6.655	154	393869	60.2757	ppm		99
54) 2-Nitroaniline	6.772	65	60025	58.9701	ppm		97
55) Dimethylphthalate	6.927	163	213532	38.7540	ppm		99
56) Acenaphthylene	7.071	152	1585966	254.0013	ppm		99
57) 2,6-Dinitrotoluene	6.997	165	50883	53.1465	ppm		89
58) 3-Nitroaniline	7.168	138	25224	20.9867	ppm		94
59) Acenaphthene	7.242	153	320848	57.7959	ppm		95
60) 2,4-Dinitrophenol	7.274	184	60065	121.9085	ppm		77
61) 4-Nitrophenol	7.355	109	13889	24.3478	ppm		88
62) Dibenzofuran	7.429	168	266261	37.4846	ppm		100
63) 2,4-Dinitrotoluene	7.413	165	68197	49.3169	ppm		100
64) 2,3,4,6-Tetrachlorophenol	7.568	232	47805	38.2521	ppm		94
65) Diethylphthalate	7.691	149	212662	38.5942	ppm		99
66) Fluorene	7.835	166	374439	67.1132	ppm		100
67) 4-Chlorophenyl-phenyle...	7.830	204	85024	32.5488	ppm		95
68) 4-Nitroaniline	7.867	138	37559	30.6826	ppm		96
70) 4,6-Dinitro-2-methylph...	7.894	198	35207	61.8533	ppm		98
71) n-Nitrosodiphenylamine	7.980	169	173078	41.5346	ppm		97
72) 1,2-Diphenylhydrazine	8.033	77	193939	41.9839	ppm		96
74) 4-Bromophenyl-phenylether	8.487	248	44391	29.9058	ppm		97
75) Hexachlorobenzene	8.562	284	42656	22.8531	ppm		97
76) Pentachlorophenol	8.872	266	72746	76.2228	ppm		97
77) Phenanthrene	9.208	178	524858	69.3964	ppm		99
78) Anthracene	9.294	178	299711	40.4527	ppm		99
79) Carbazole	9.582	167	300000	44.0003	ppm		99
80) Di-n-butylphthalate	10.288	149	335365	39.9019	ppm		99
81) Fluoranthene	11.399	202	272555	34.5595	ppm		99
82) Octadecane	9.043	57	121731	48.8517	ppm		96
85) Pyrene	11.853	202	280049	41.6053	ppm		98
87) Butylbenzylphthalate	13.466	149	138988	52.7744	ppm		98
88) Benzo[a]anthracene	14.508	228	219789	34.1648	ppm		99
89) 3,3'-Dichlorobenzidine	14.561	252	3427	1.4266	ppm		84
90) Chrysene	14.583	228	210431	33.0466	ppm		98
91) bis(2-Ethylhexyl)phtha...	14.866	149	167289	42.1079	ppm		96
93) Di-n-octylphthalate	16.330	149	278726	44.8357	ppm		99
94) Benzo[b]fluoranthene	16.832	252	195395	33.8273	ppm		98
95) Benzo[k]fluoranthene	16.891	252	183674	32.9609	ppm		99
96) Benzo[a]pyrene	17.467	252	157205	33.6561	ppm		98
97) Indeno[1,2,3-cd]pyrene	19.540	276	132775	27.4052	ppm		97
98) Dibenz(a,h)acridine	19.177	279	133308	29.6970	ppm		95
99) Dibenz[a,h]anthracene	19.599	278	156892	28.6194	ppm		97
100) 7,12-Dimethylbenz(a)an...	16.842	256	75084	34.9889	ppm		98
101) Benzo[g,h,i]perylene	19.973	276	149672	26.2311	ppm		94
103) Benzaldehyde	4.545	105	220294	111.3080	ppm	#	40
105) Atrazine	8.770	200	55777	44.1329	ppm		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219071.D
Acq On : 20 Feb 2024 3:56 pm
Operator : karimam
Sample : op52499-msd Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 21 01:38:08 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 01:01:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) Caprolactam	6.088	55	10627	14.9800	ppm	94

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

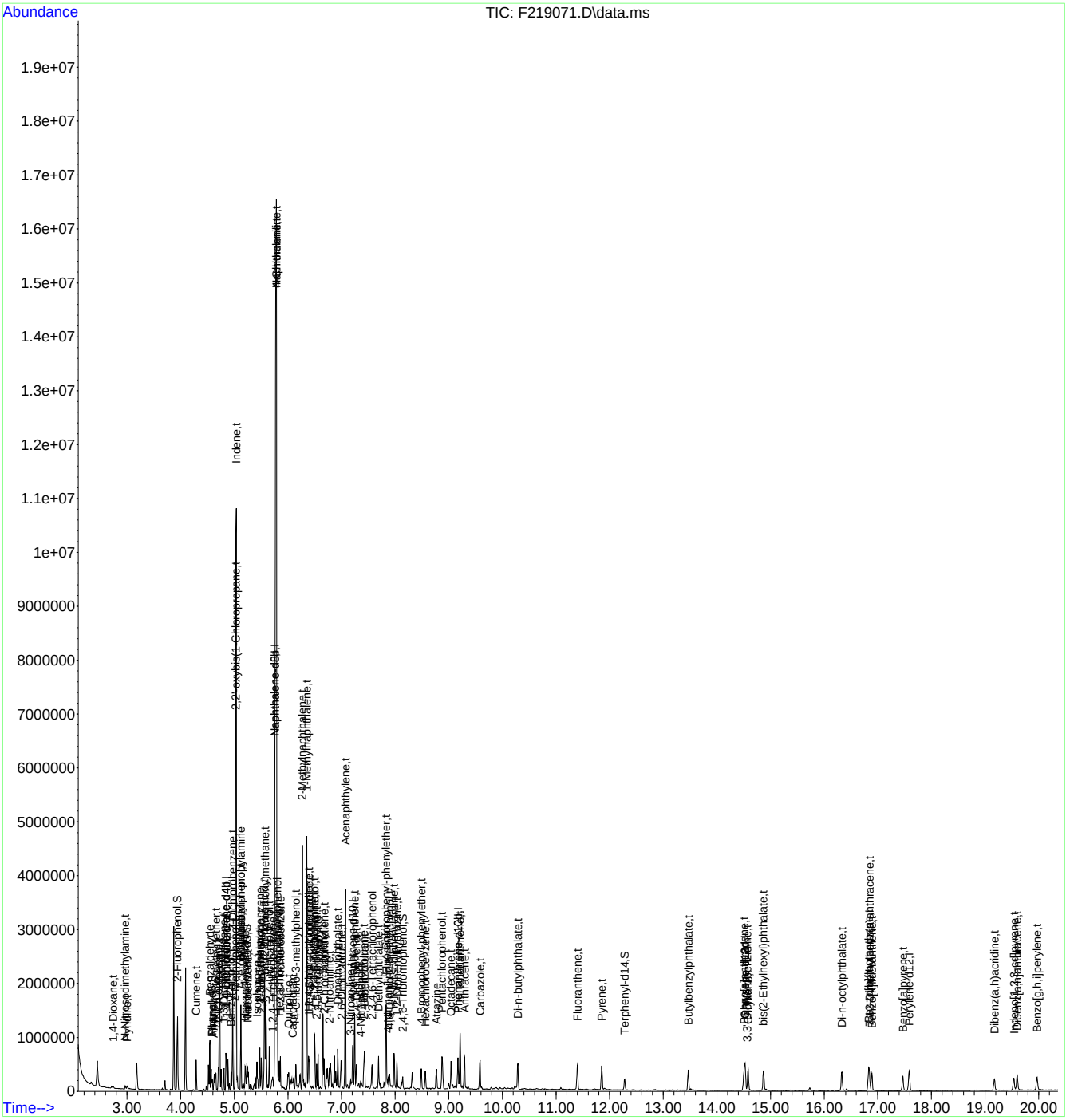
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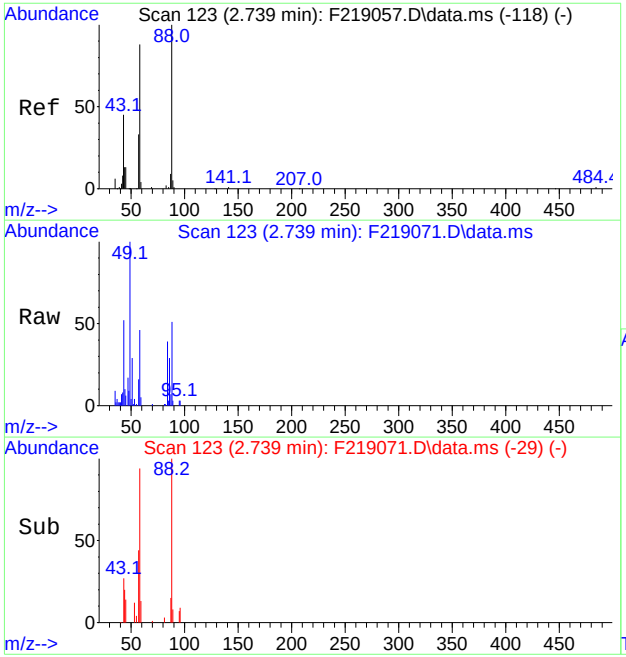
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Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\jezreelo\ef9714\
Data File : F219071.D
Acq On : 20 Feb 2024 3:56 pm
Operator : karimam
Sample : op52499-msd Inst : GCMSF
Misc : op52499,ef9714,1000,,,1,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 21 01:38:08 2024
Quant Method : X:\Dayton SVOA GCMS\jezreelo\Methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Wed Feb 21 01:01:58 2024
Response via : Initial Calibration

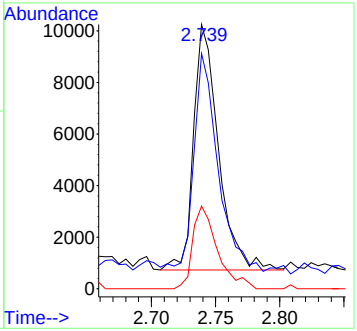


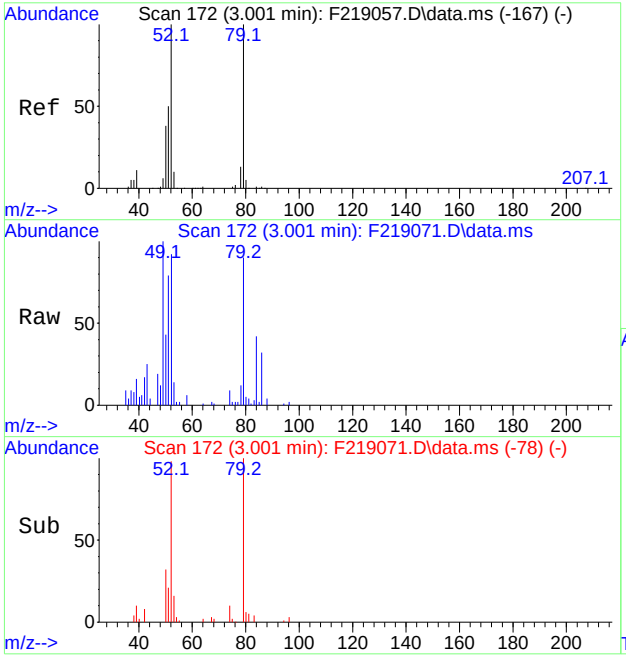


#2
1,4-Dioxane
Concen: 13.3936 ppm
RT: 2.739 min Scan# 123
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 88 Resp: 12885

Ion	Ratio	Lower	Upper
88	100		
58	86.7	57.4	117.4
57	33.8	2.2	62.2

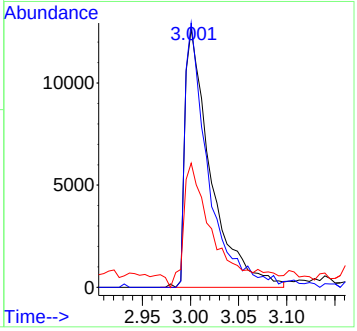


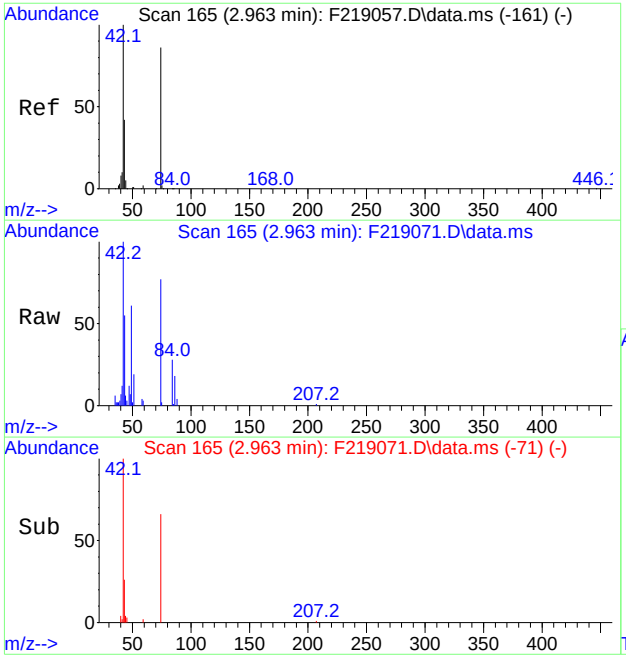


#3
Pyridine
Concen: 9.9261 ppm
RT: 3.001 min Scan# 172
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 79 Resp: 23698

Ion	Ratio	Lower	Upper
79	100		
52	102.3	70.4	130.4
50	43.8	8.1	68.1

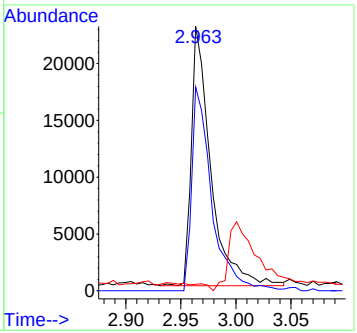


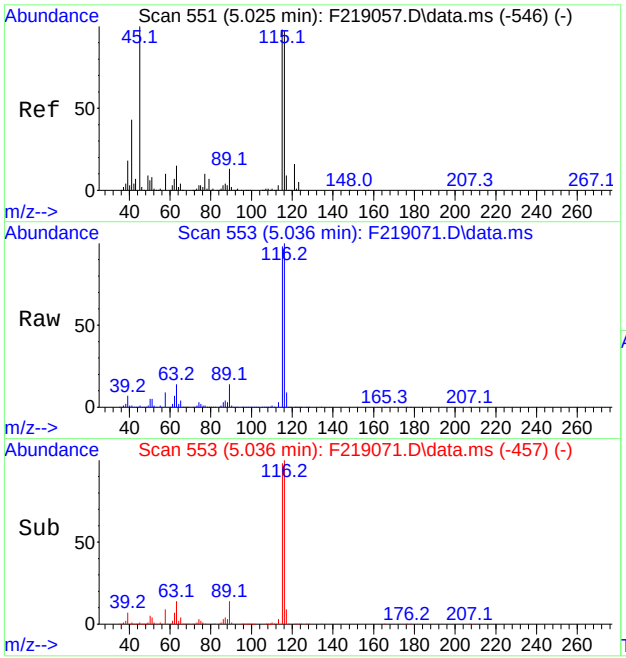


#4
N-Nitrosodimethylamine
Concen: 37.0302 ppm
RT: 2.963 min Scan# 165
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 42 Resp: 28049

Ion	Ratio	Lower	Upper
42	100		
74	78.7	55.6	115.6
50	0.0	0.0	30.0

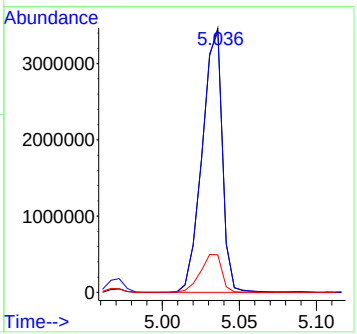


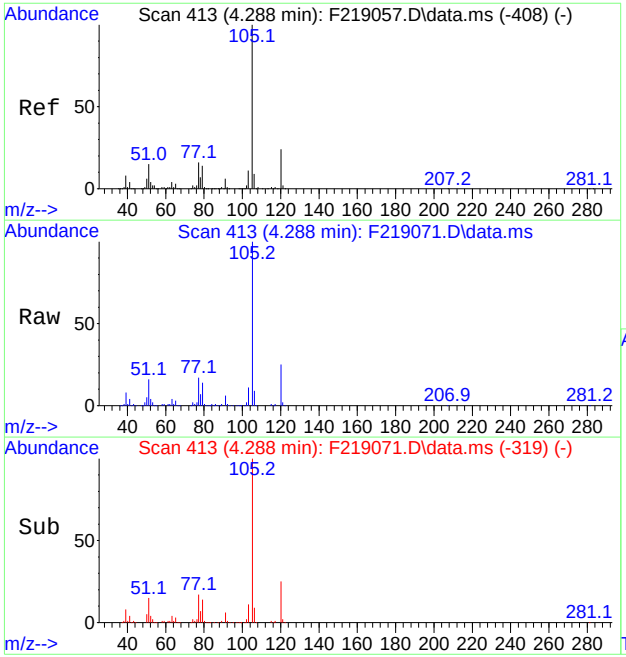


#6
Indene
Concen: 785.8543 ppm
RT: 5.036 min Scan# 553
Delta R.T. 0.011 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:116 Resp: 3143484

Ion	Ratio	Lower	Upper
116	100		
115	98.4	72.0	132.0
63	14.2	0.0	45.3

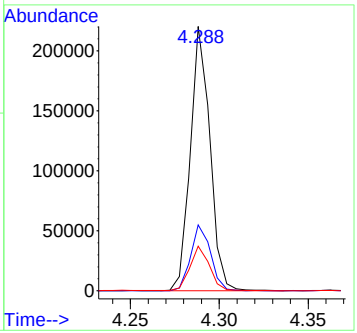


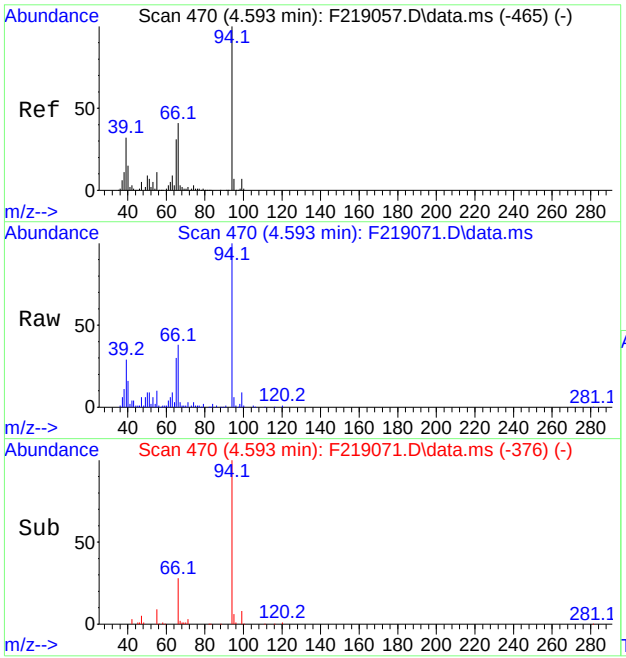


#7
Cumene
Concen: 33.5681 ppm
RT: 4.288 min Scan# 413
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:105 Resp: 169122

Ion	Ratio	Lower	Upper
105	100		
120	24.9	0.0	54.4
77	16.9	0.0	46.4

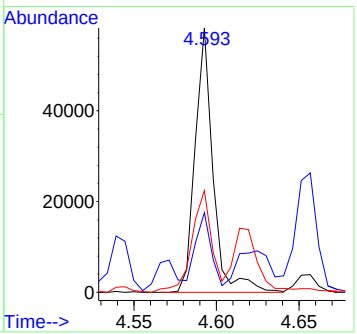


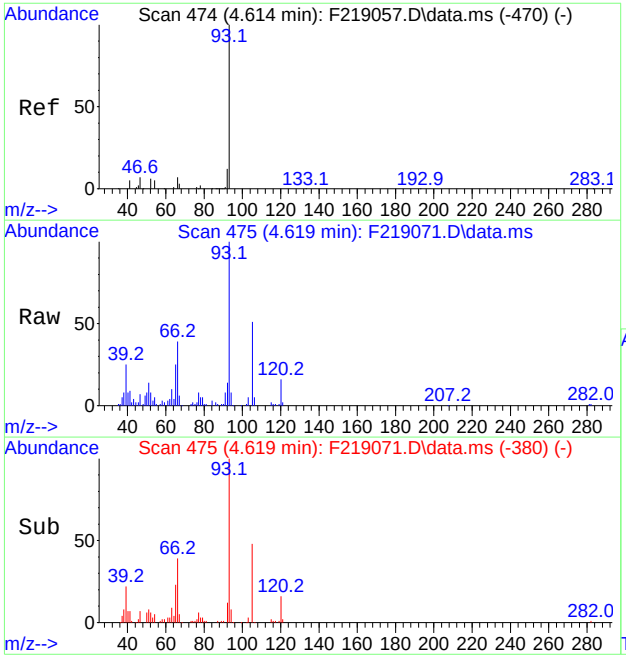


#9
Phenol
Concen: 15.9214 ppm
RT: 4.593 min Scan# 470
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 94 Resp: 44170

Ion	Ratio	Lower	Upper
94	100		
65	21.4	0.0	55.7
66	37.1	0.0	59.3

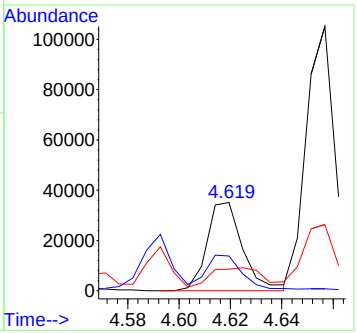


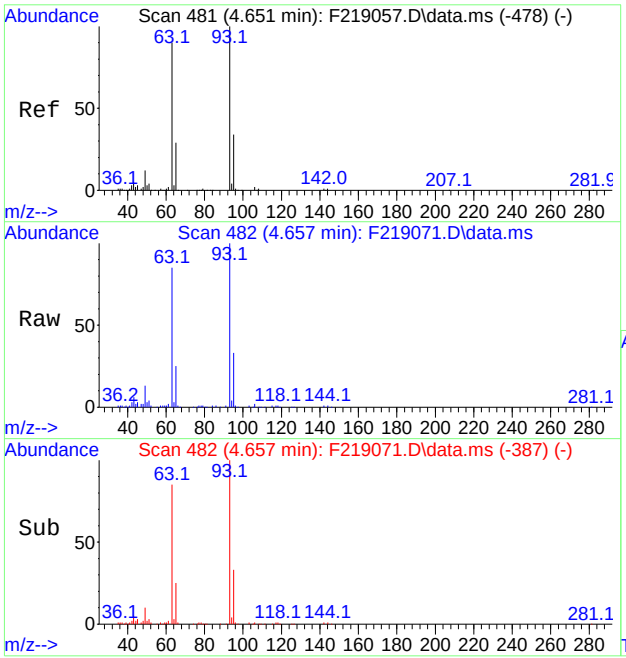


#10
Aniline
Concen: 9.9878 ppm
RT: 4.619 min Scan# 475
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 93 Resp: 34225

Ion	Ratio	Lower	Upper
93	100		
66	6.5	0.0	54.6
65	0.0	0.0	40.0

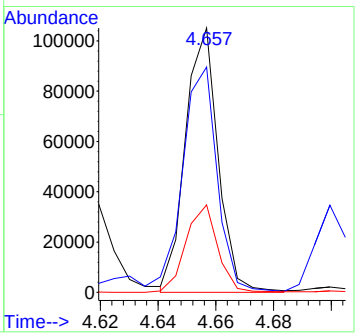




#11
bis(2-Chloroethyl)ether
Concen: 39.0708 ppm
RT: 4.657 min Scan# 482
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

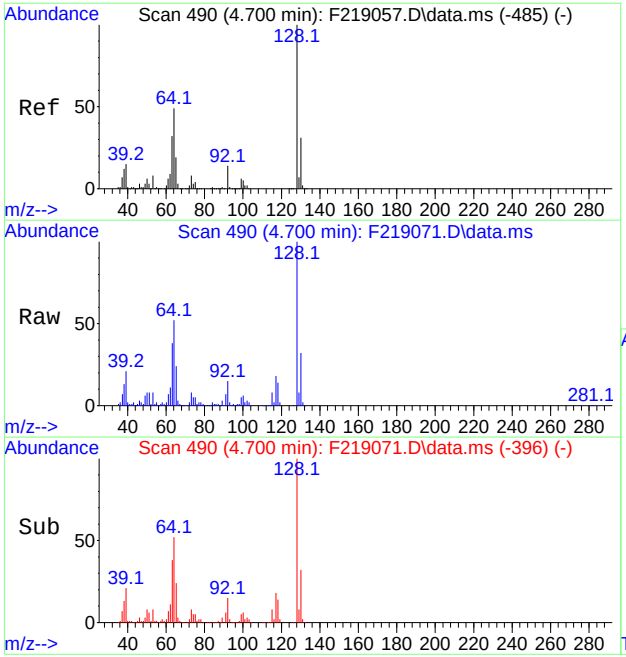
Tgt Ion: 93 Resp: 83103

Ion	Ratio	Lower	Upper
93	100		
63	83.3	59.3	119.3
95	33.2	3.2	63.2



7.4.2

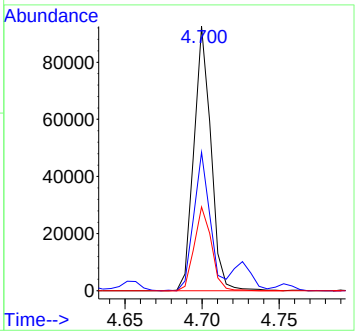
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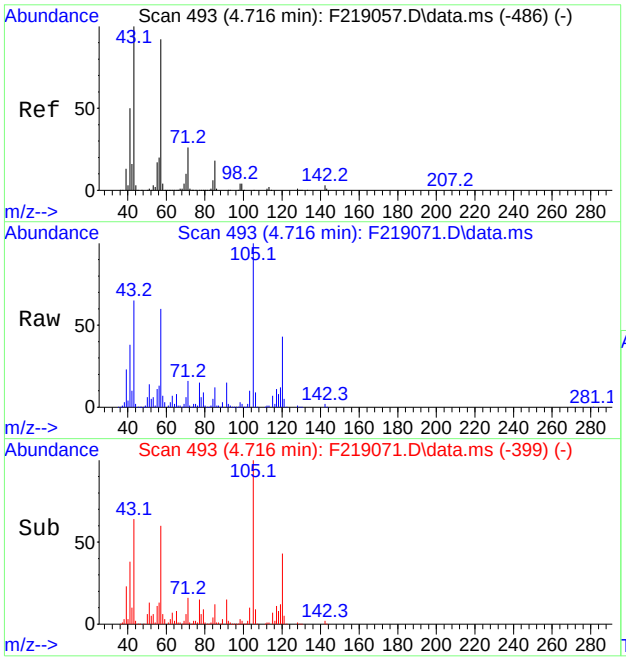


#12
2-Chlorophenol
Concen: 29.4748 ppm
RT: 4.700 min Scan# 490
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:128 Resp: 71544

Ion	Ratio	Lower	Upper
128	100		
64	51.0	18.7	78.7
130	31.7	0.6	60.6

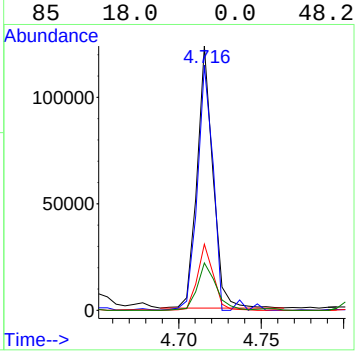


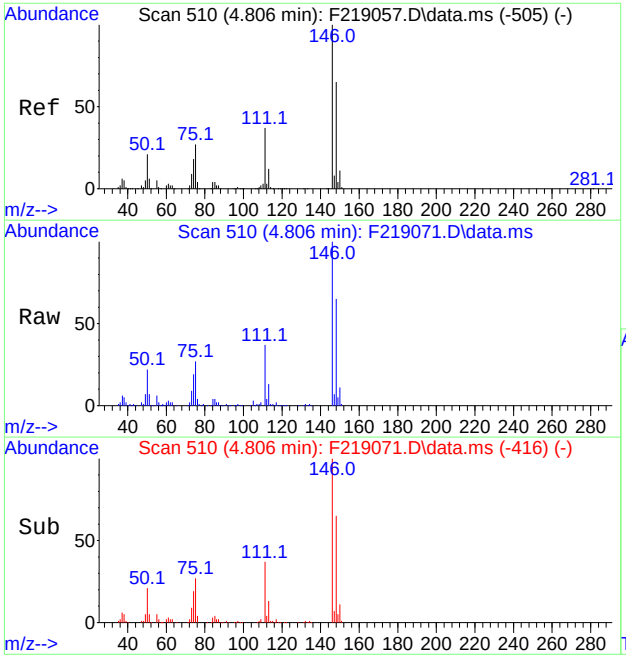


#13
Decane
Concen: 40.0903 ppm
RT: 4.716 min Scan# 493
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 43 Resp: 82579

Ion	Ratio	Lower	Upper
43	100		
57	93.4	61.7	121.7
71	25.3	0.0	56.0
85	18.0	0.0	48.2

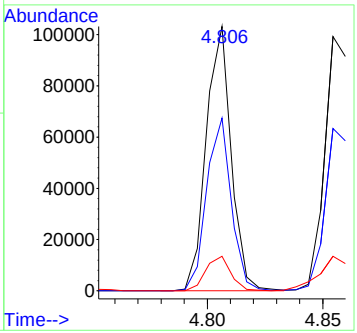


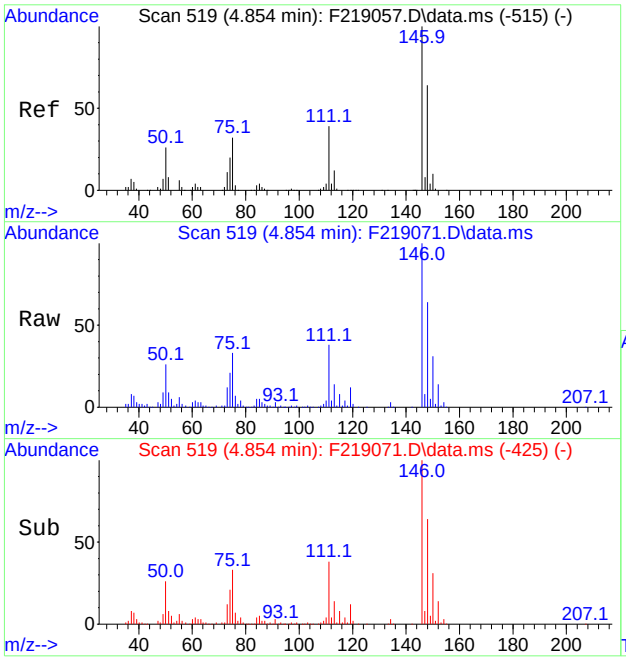


#14
1,3-Dichlorobenzene
Concen: 27.2977 ppm
RT: 4.806 min Scan# 510
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:146 Resp: 77707

Ion	Ratio	Lower	Upper
146	100		
148	65.2	34.6	94.6
113	13.0	0.0	41.6

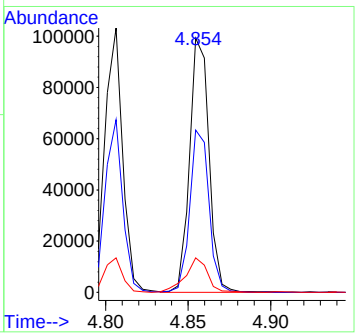


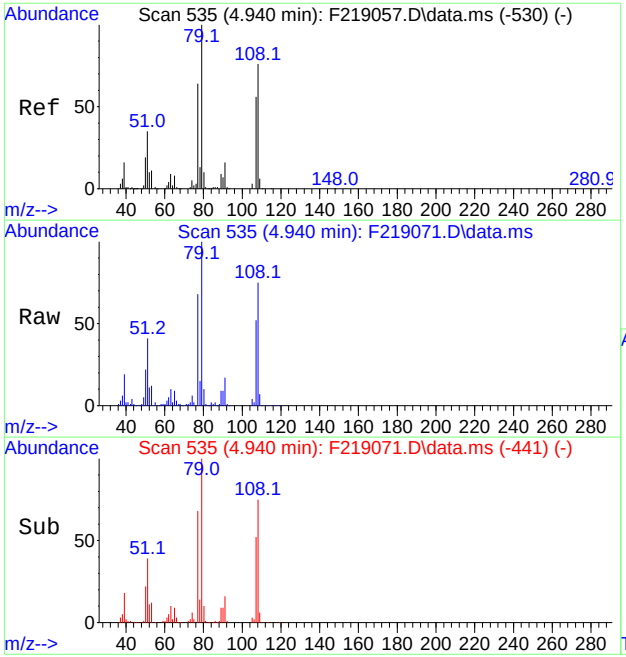


#15
1,4-Dichlorobenzene
Concen: 27.5642 ppm
RT: 4.854 min Scan# 519
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:146 Resp: 81390

Ion	Ratio	Lower	Upper
146	100		
148	63.8	34.1	94.1
113	13.3	0.0	42.4

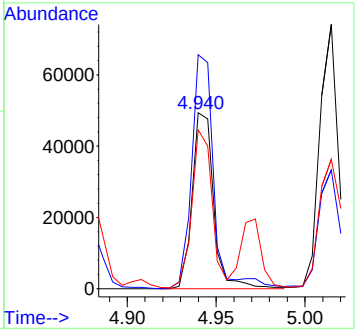


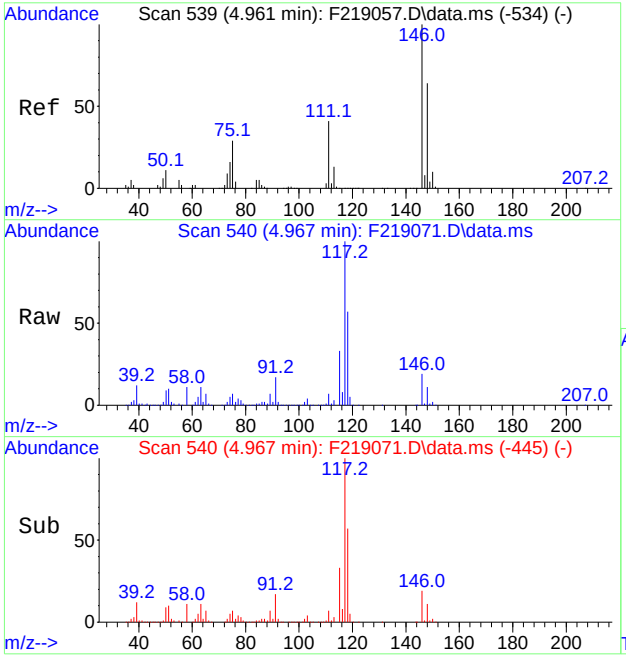


#16
Benzyl alcohol
Concen: 28.0748 ppm
RT: 4.940 min Scan# 535
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:108 Resp: 41528

Ion	Ratio	Lower	Upper
108	100		
79	132.8	102.2	162.2
77	89.7	54.1	114.1

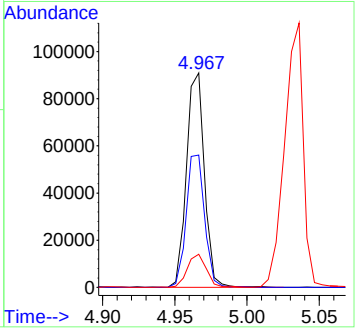


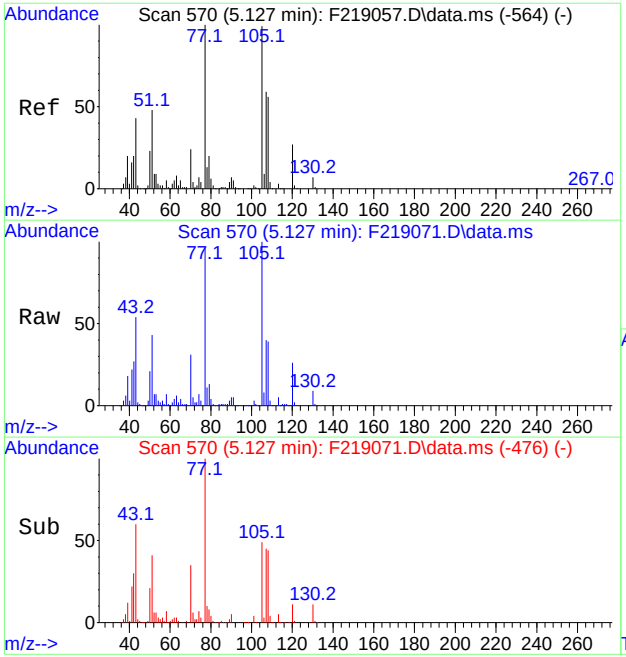


#17
1,2-Dichlorobenzene
Concen: 28.4690 ppm
RT: 4.967 min Scan# 540
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:146 Resp: 78996

Ion	Ratio	Lower	Upper
146	100		
148	61.7	33.5	93.5
113	0.0	0.0	41.1

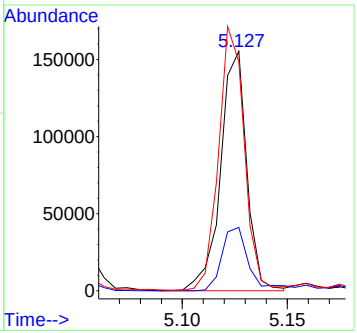


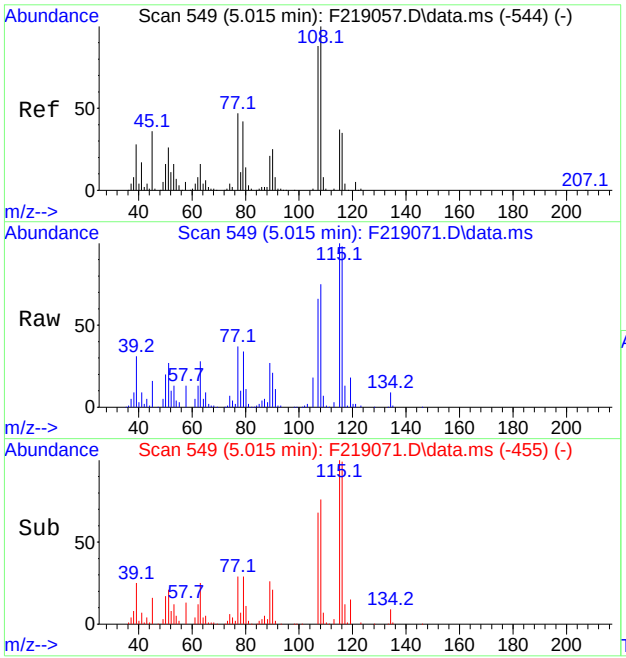


#18
Acetophenone
Concen: 40.2285 ppm
RT: 5.127 min Scan# 570
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:105 Resp: 135079

Ion	Ratio	Lower	Upper
105	100		
120	25.5	0.0	57.2
77	95.1	70.6	130.6

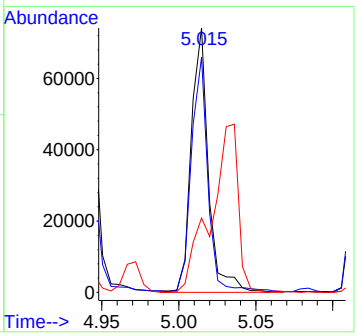


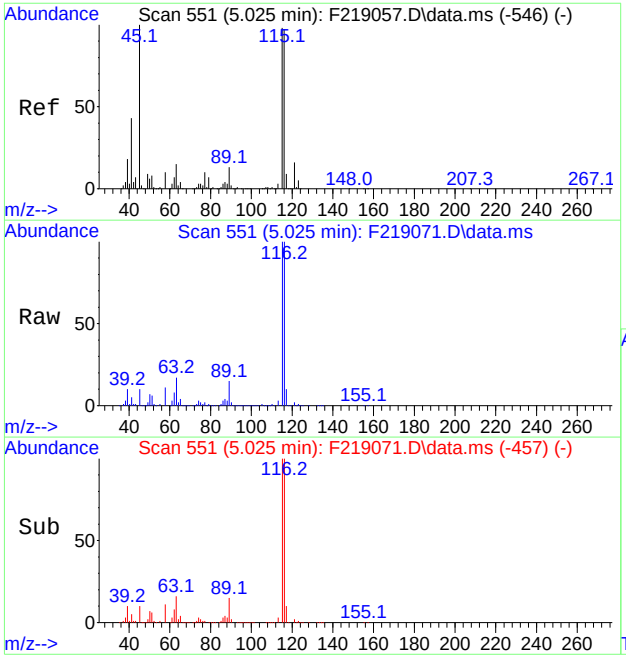


#19
2-Methylphenol
Concen: 26.9968 ppm
RT: 5.015 min Scan# 549
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:108 Resp: 57976

Ion	Ratio	Lower	Upper
108	100		
107	88.7	57.7	117.7
90	28.1	0.0	54.5

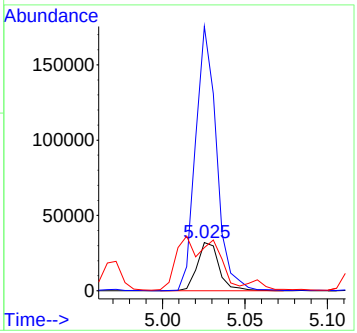


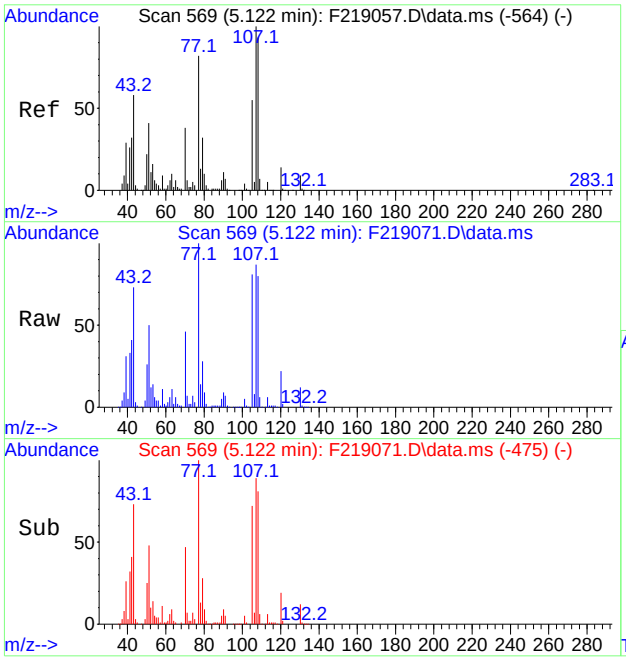


#20
2,2'-oxybis(1-Chloropropane
Concen: 46.3125 ppm
RT: 5.025 min Scan# 551
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:121 Resp: 29697

Ion	Ratio	Lower	Upper
121	100		
45	548.3	603.4	663.4#
77	86.7	33.4	93.4

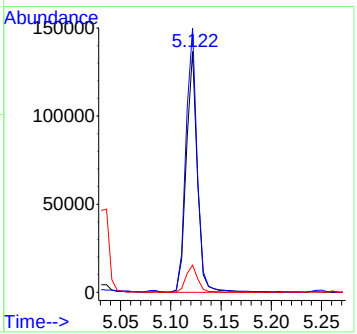


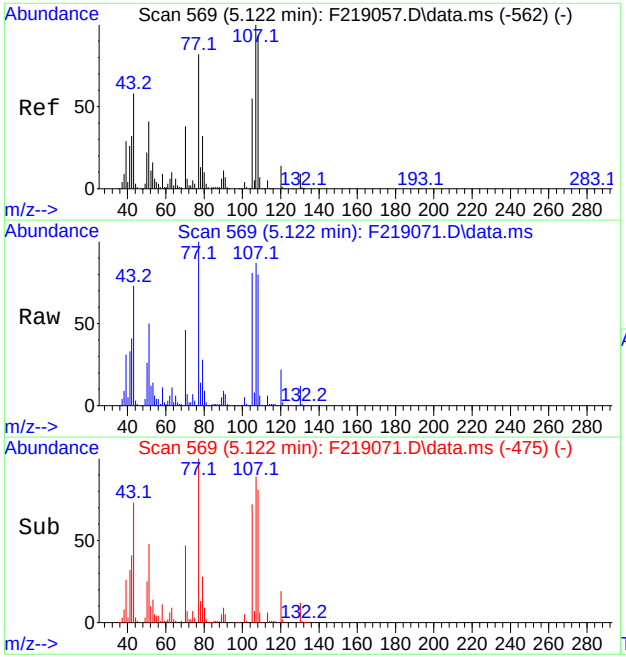


#21
3&4-Methylphenol
Concen: 47.2724 ppm
RT: 5.122 min Scan# 569
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:108 Resp: 105161

Ion	Ratio	Lower	Upper
108	100		
107	109.7	77.4	137.4
90	11.2	0.0	41.7

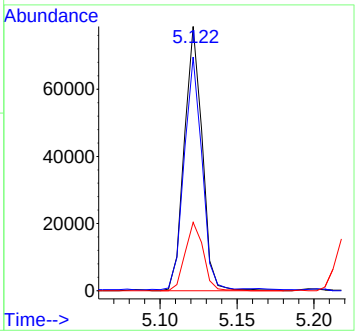


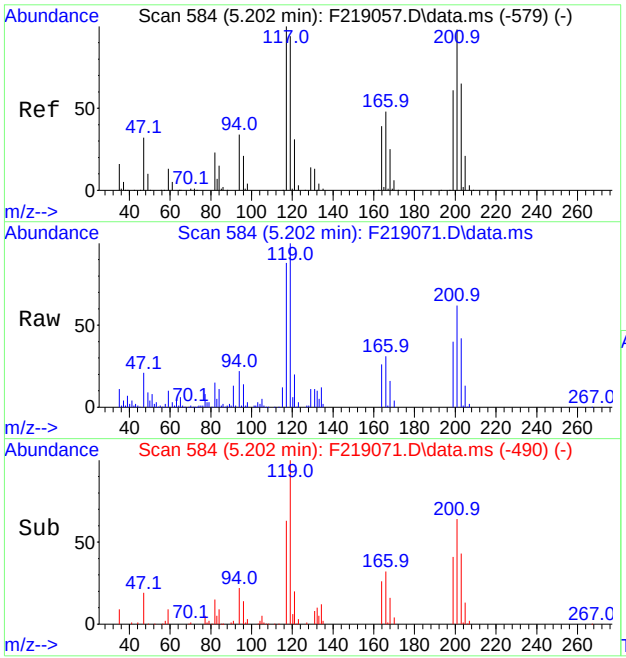


#22
n-Nitroso-di-n-propylamine
Concen: 40.3322 ppm
RT: 5.122 min Scan# 569
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 70 Resp: 63723

Ion	Ratio	Lower	Upper
70	100		
42	87.9	59.3	110.1
130	25.9	17.4	32.2

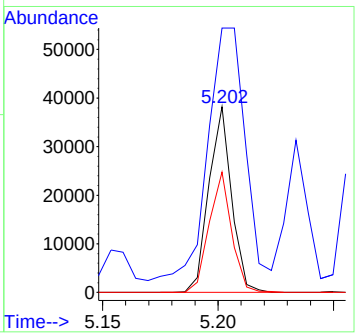


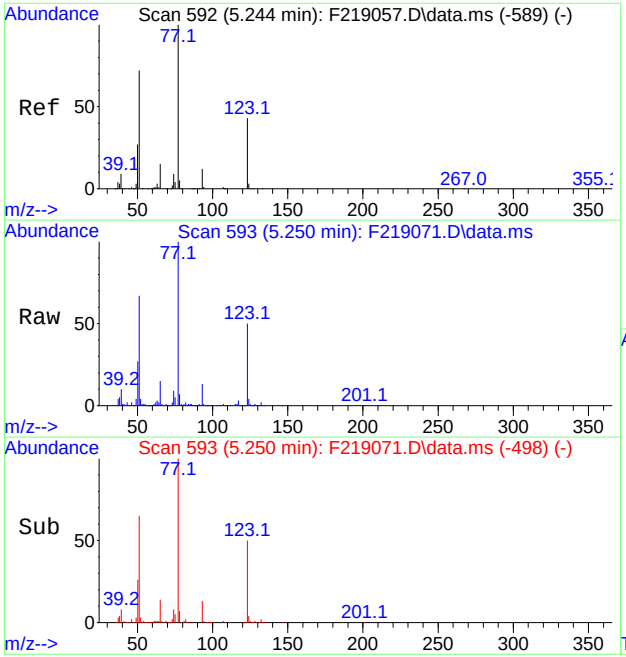


#23
Hexachloroethane
Concen: 26.7229 ppm
RT: 5.202 min Scan# 584
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:201 Resp: 26166

Ion	Ratio	Lower	Upper
201	100		
117	119.5	72.2	132.2
199	64.7	32.3	92.3

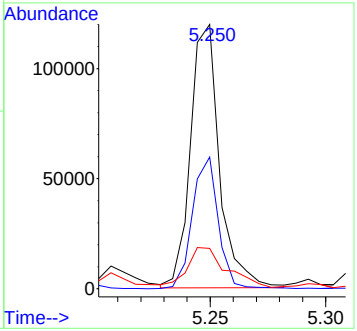


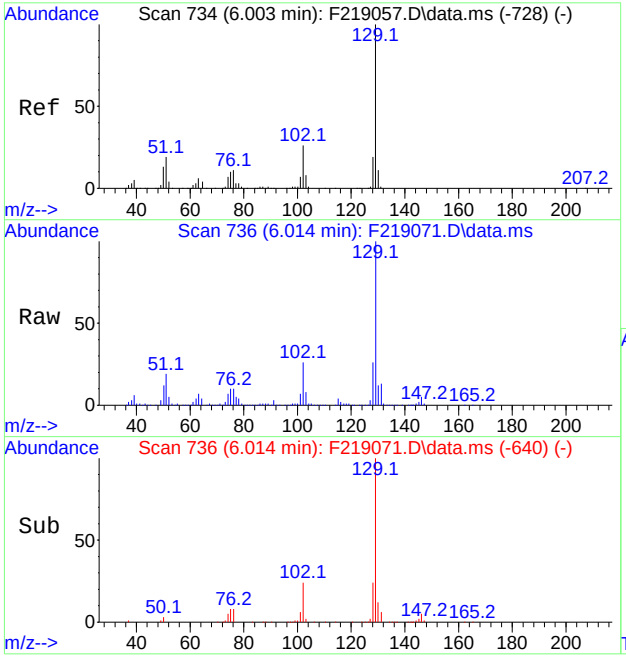


#26
Nitrobenzene
Concen: 45.0758 ppm
RT: 5.250 min Scan# 593
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 77 Resp: 104890

Ion	Ratio	Lower	Upper
77	100		
123	50.2	12.8	72.8
65	14.3	0.0	44.9

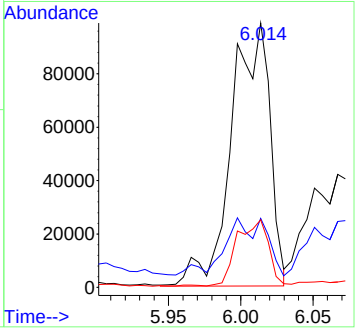


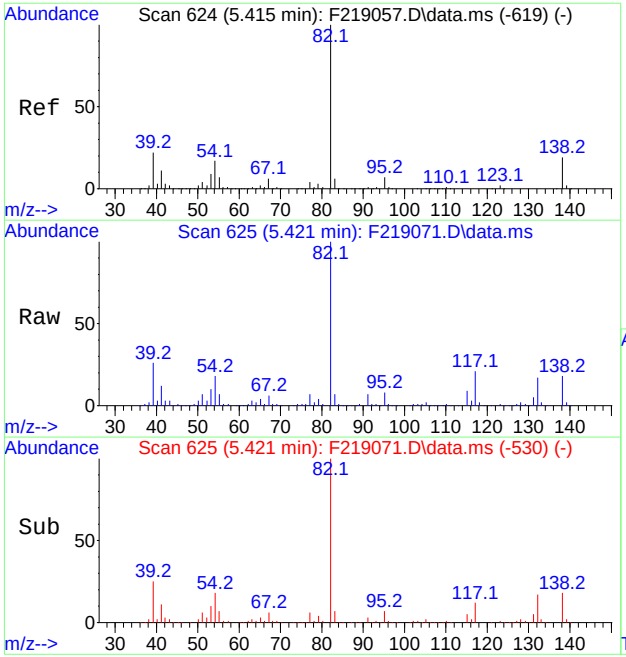


#27
Quinoline
Concen: 38.7120 ppm
RT: 6.014 min Scan# 736
Delta R.T. 0.011 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:129 Resp: 183287

Ion	Ratio	Lower	Upper
129	100		
128	22.2	0.0	49.0
102	25.5	0.0	56.1

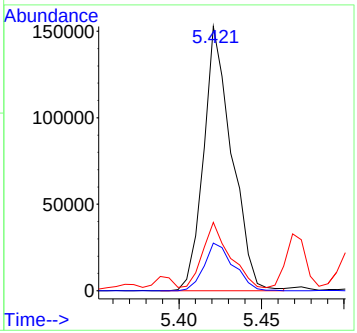


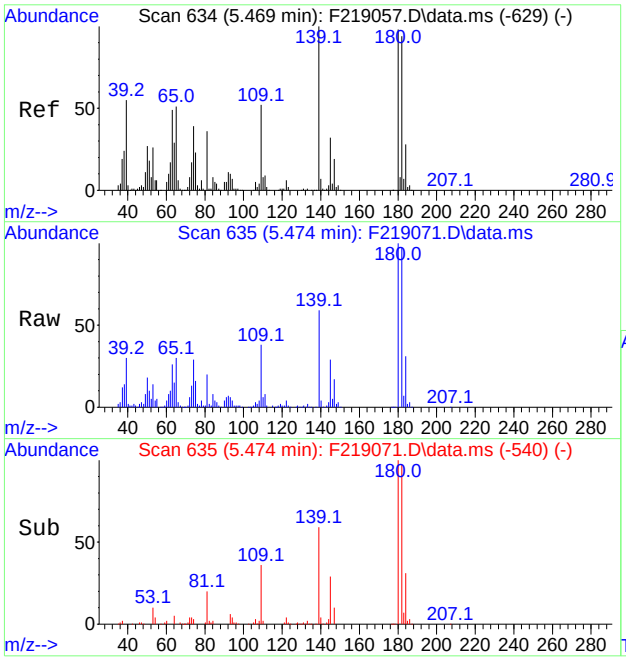


#28
Isophorone
Concen: 42.7069 ppm
RT: 5.421 min Scan# 625
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 82 Resp: 181918

Ion	Ratio	Lower	Upper
82	100		
138	18.1	0.0	49.0
39	18.6	0.0	52.0

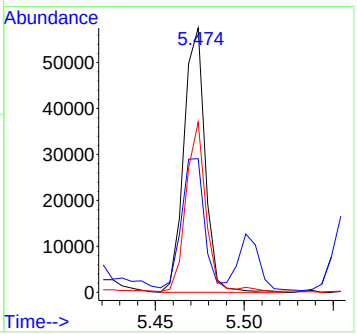


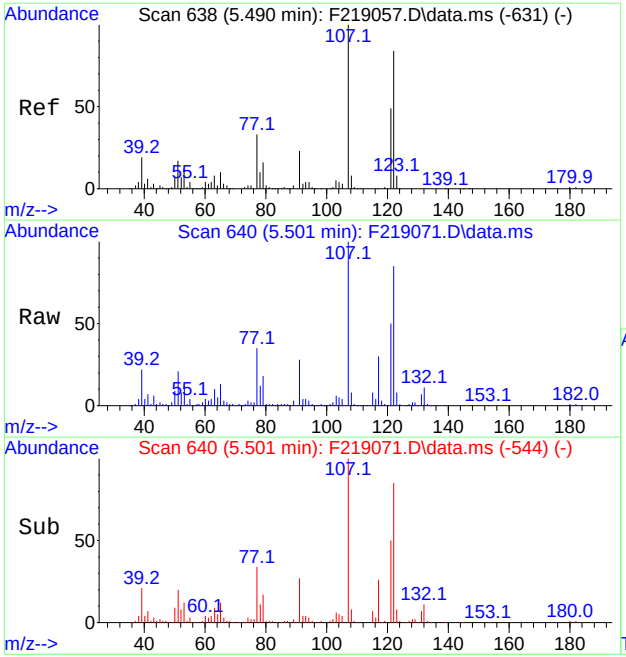


#29
2-Nitrophenol
Concen: 45.0449 ppm
RT: 5.474 min Scan# 635
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:139 Resp: 48213

Ion	Ratio	Lower	Upper
139	100		
65	49.2	21.3	81.3
109	64.0	22.2	82.2

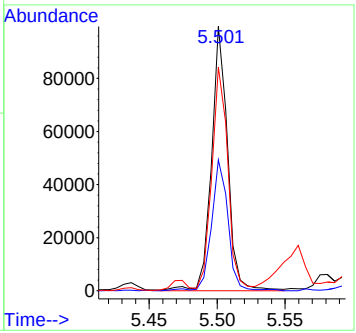


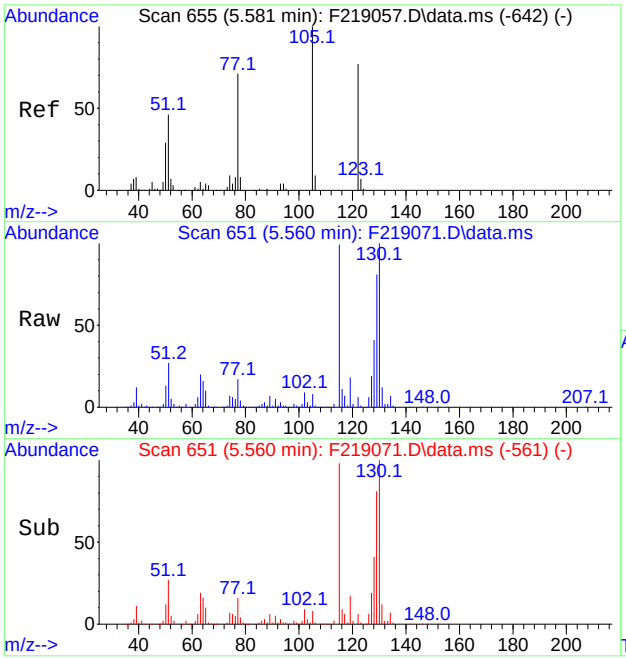


#30
2,4-Dimethylphenol
Concen: 34.6445 ppm
RT: 5.501 min Scan# 640
Delta R.T. 0.011 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:107 Resp: 82285

Ion	Ratio	Lower	Upper
107	100		
121	49.8	19.1	79.1
122	79.4	51.1	111.1

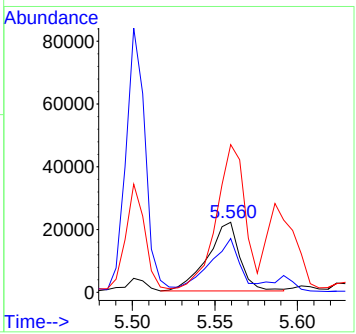


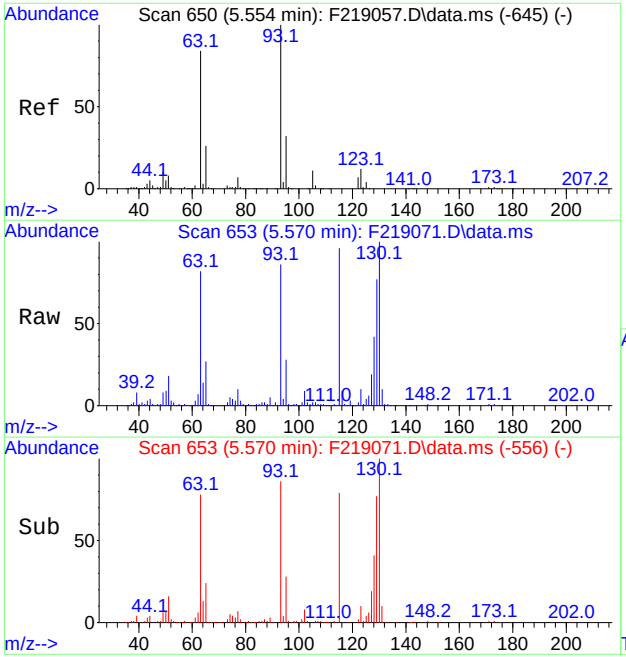


#31
Benzoic acid
Concen: 24.6465 ppm
RT: 5.560 min Scan# 651
Delta R.T. -0.021 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:105 Resp: 29852

Ion	Ratio	Lower	Upper
105	100		
122	58.1	48.9	108.9
77	160.7	41.8	101.8#

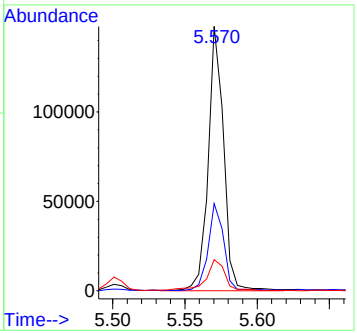


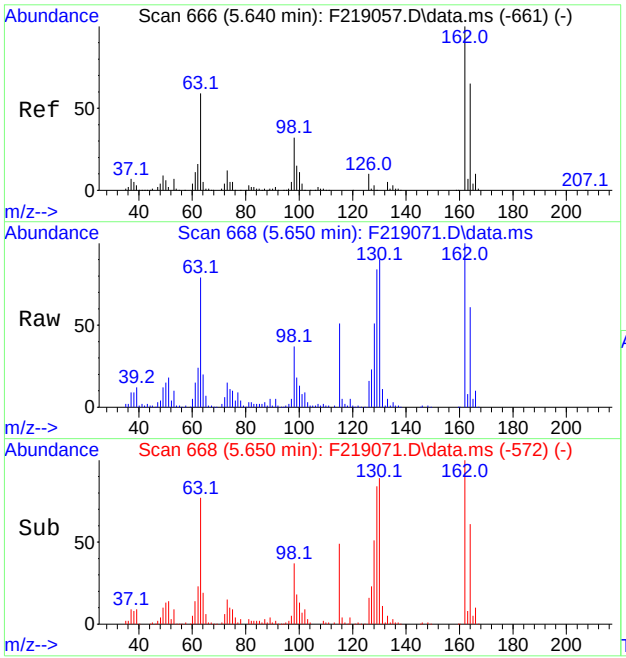


#32
bis(2-Chloroethoxy)methane
Concen: 39.5567 ppm
RT: 5.570 min Scan# 653
Delta R.T. 0.016 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 93 Resp: 109021

Ion	Ratio	Lower	Upper
93	100		
95	32.9	1.8	61.8
123	11.6	0.0	42.3

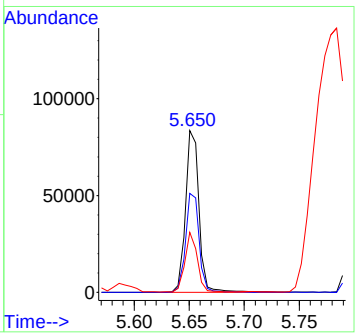


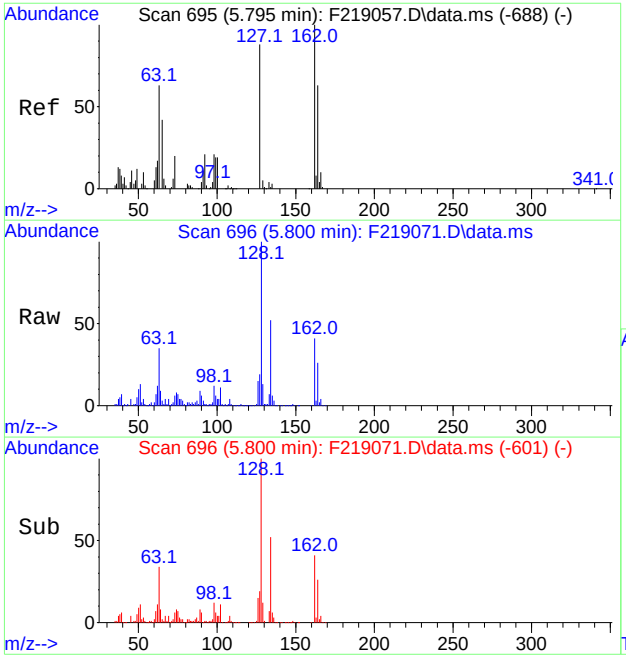


#33
2,4-Dichlorophenol
Concen: 35.0841 ppm
RT: 5.650 min Scan# 668
Delta R.T. 0.011 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:162 Resp: 71538

Ion	Ratio	Lower	Upper
162	100		
164	61.3	35.1	95.1
98	37.0	1.8	61.8

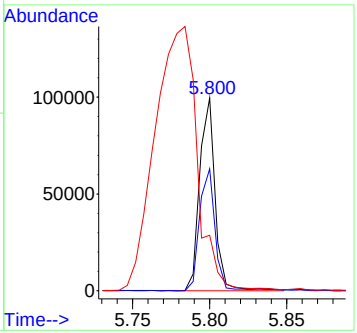


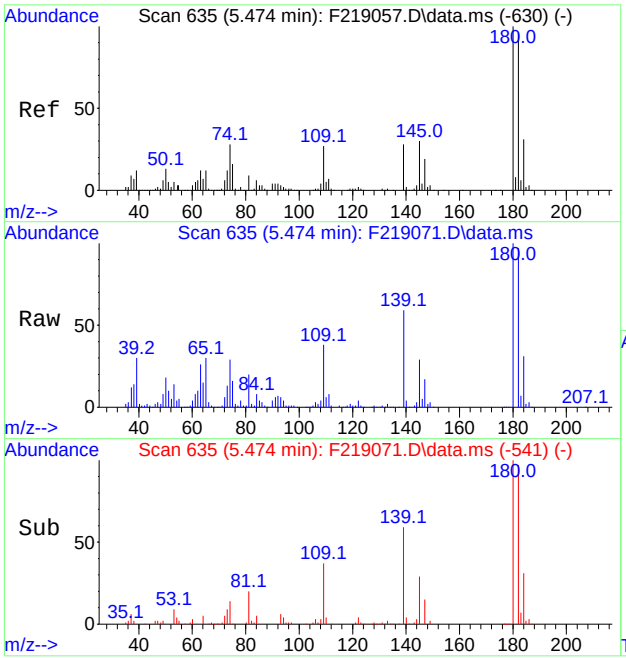


#34
2,6-Dichlorophenol
Concen: 34.0357 ppm
RT: 5.800 min Scan# 696
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:162 Resp: 70164

Ion	Ratio	Lower	Upper
162	100		
164	63.2	33.1	93.1
98	0.0	0.0	54.0

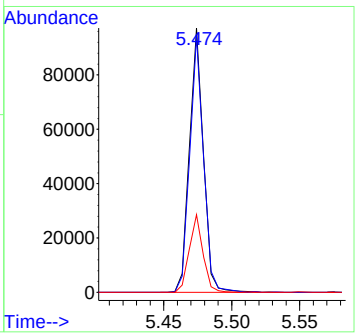


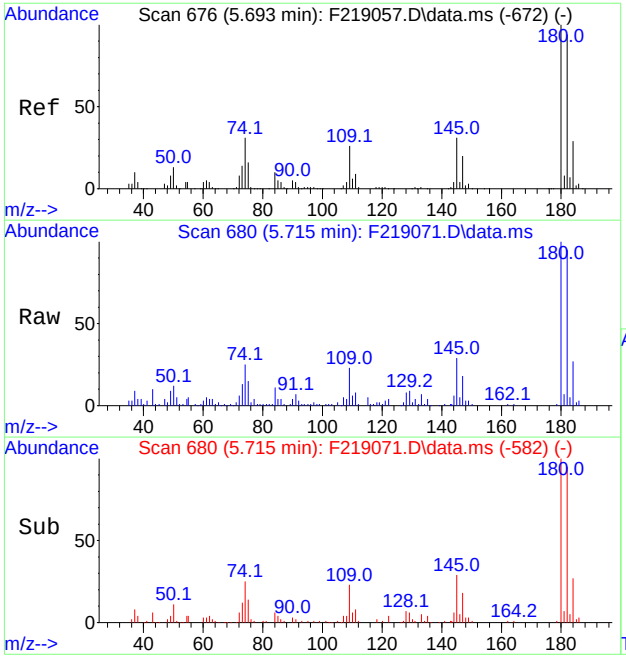


#35
1,3,5-Trichlorobenzene
Concen: 27.5002 ppm
RT: 5.474 min Scan# 635
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:180 Resp: 69579

Ion	Ratio	Lower	Upper
180	100		
182	96.8	66.3	126.3
145	29.4	0.0	59.7

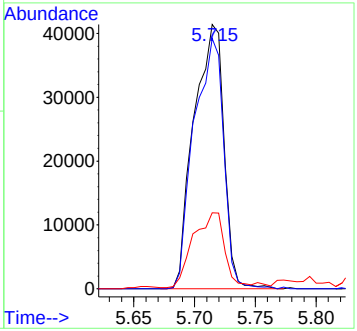


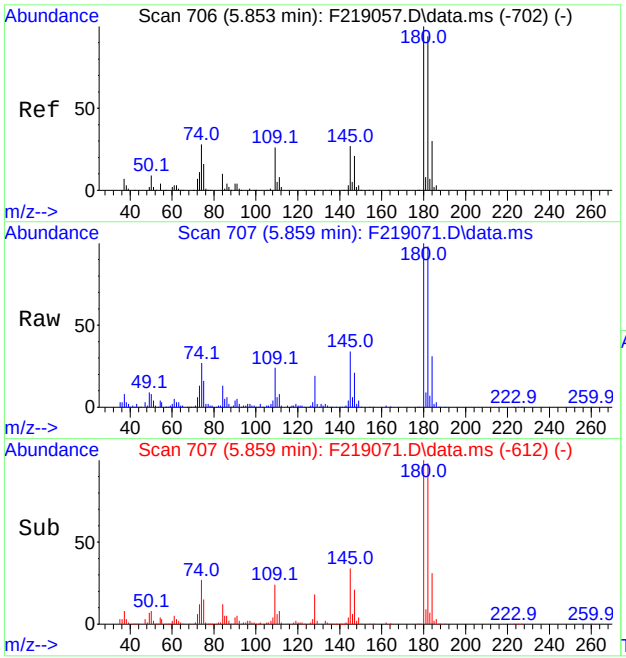


#36
1,2,4-Trichlorobenzene
Concen: 29.5747 ppm
RT: 5.715 min Scan# 680
Delta R.T. 0.021 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:180 Resp: 71088

Ion	Ratio	Lower	Upper
180	100		
182	94.3	64.2	124.2
145	26.8	1.1	61.1

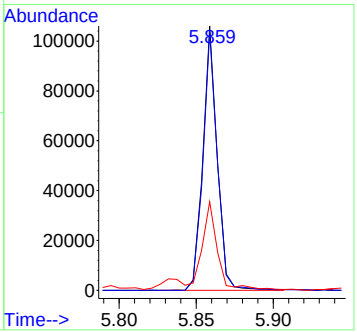


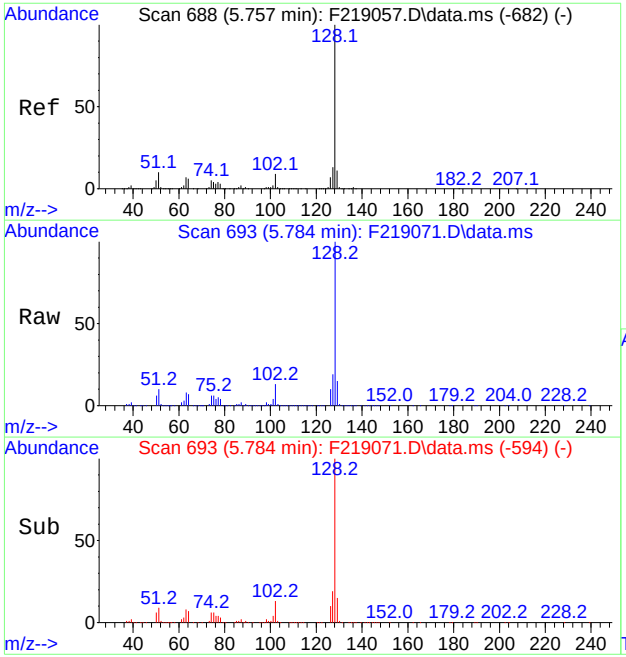


#37
1,2,3-Trichlorobenzene
Concen: 29.4357 ppm
RT: 5.859 min Scan# 707
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:180 Resp: 68945

Ion	Ratio	Lower	Upper
180	100		
182	97.9	64.2	124.2
145	32.2	0.0	59.8

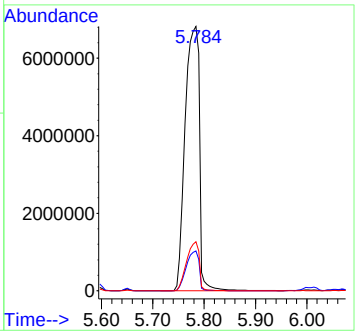


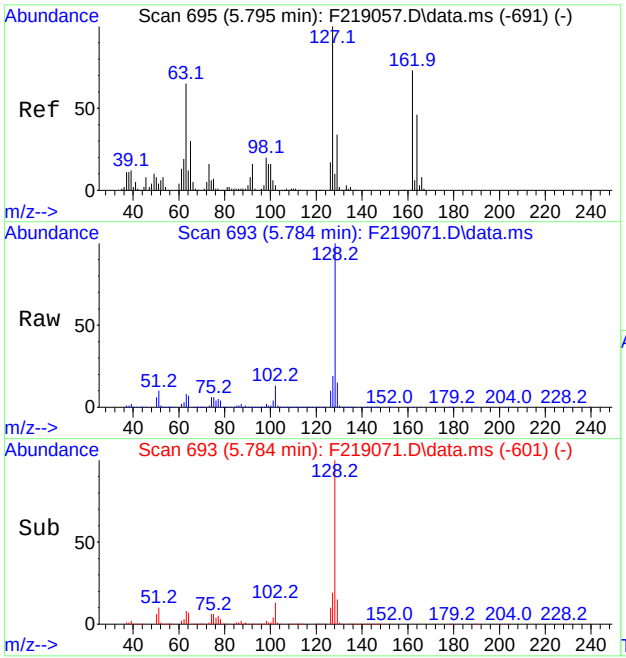


#38
Naphthalene
Concen: 1702.8381 ppm
RT: 5.784 min Scan# 693
Delta R.T. 0.027 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:128 Resp:13172020

Ion	Ratio	Lower	Upper
128	100		
129	15.0	0.0	40.7
127	18.5	0.0	42.6

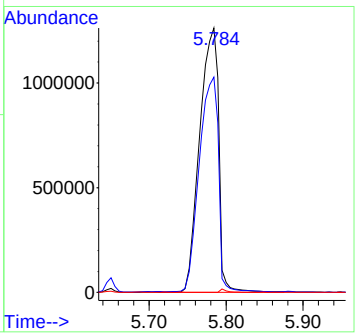


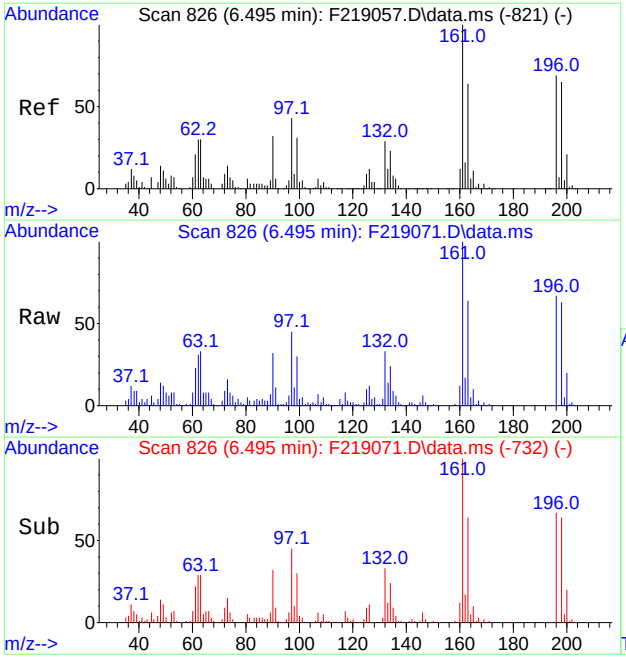


#39
4-Chloroaniline
Concen: 704.4491 ppm
RT: 5.784 min Scan# 693
Delta R.T. -0.011 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:127 Resp: 2171575

Ion	Ratio	Lower	Upper
127	100		
129	81.2	3.4	63.4#
65	0.0	0.2	60.2#

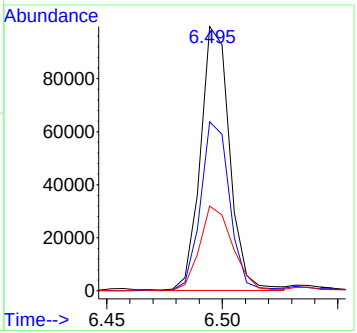


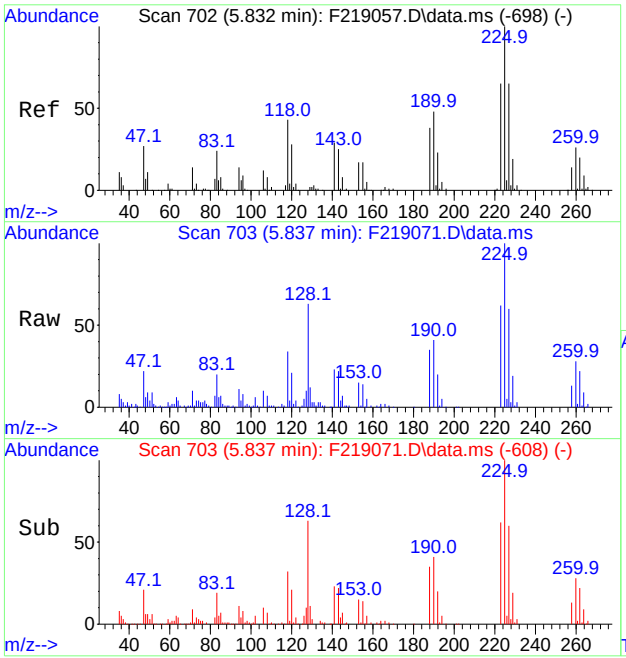


#40
2,3-Dichloroaniline
Concen: 35.5496 ppm
RT: 6.495 min Scan# 826
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:161 Resp: 87620

Ion	Ratio	Lower	Upper
161	100		
163	63.9	34.4	94.4
90	32.1	1.8	61.8

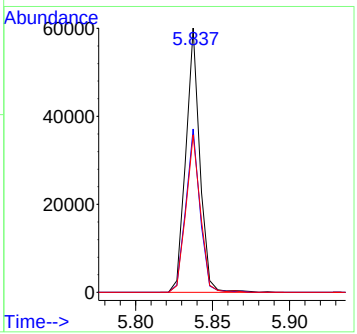


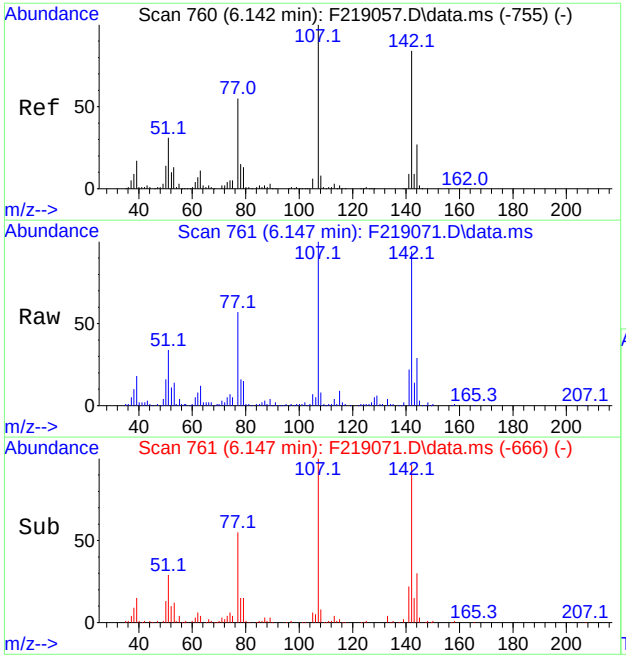


#42
Hexachlorobutadiene
Concen: 28.1601 ppm
RT: 5.837 min Scan# 703
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:225 Resp: 38065

Ion	Ratio	Lower	Upper
225	100		
223	61.8	34.9	94.9
227	59.5	35.2	95.2

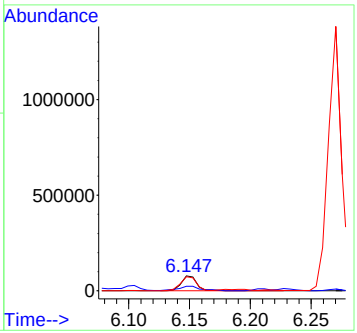


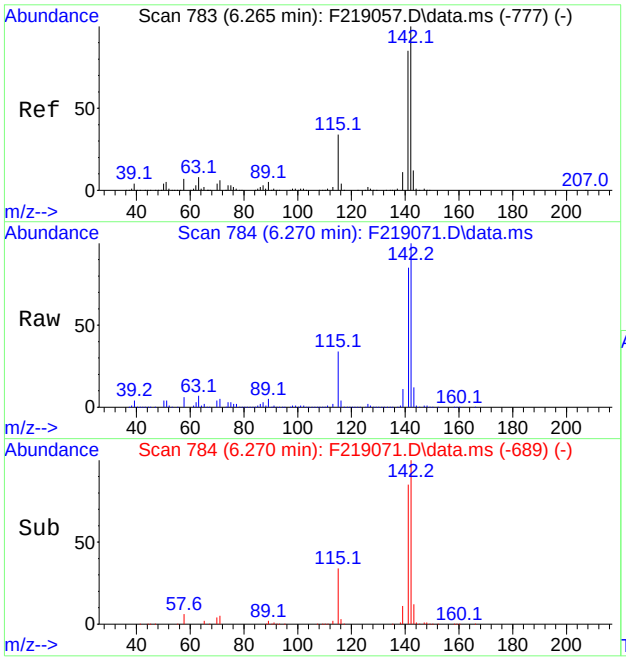


#43
4-Chloro-3-methylphenol
Concen: 36.3774 ppm
RT: 6.147 min Scan# 761
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:107 Resp: 67855

Ion	Ratio	Lower	Upper
107	100		
144	21.0	0.0	56.5
142	93.3	53.8	113.8

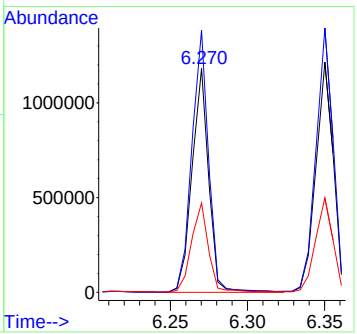


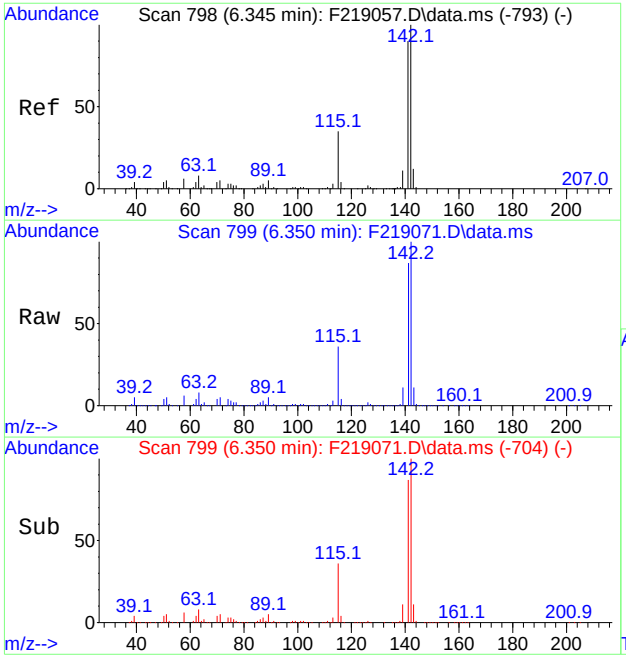


#44
2-Methylnaphthalene
Concen: 199.8908 ppm
RT: 6.270 min Scan# 784
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:141 Resp: 887926

Ion	Ratio	Lower	Upper
141	100		
142	117.0	87.1	147.1
115	39.8	10.0	70.0

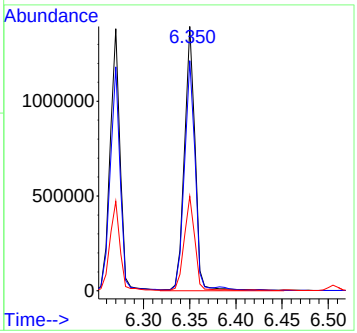


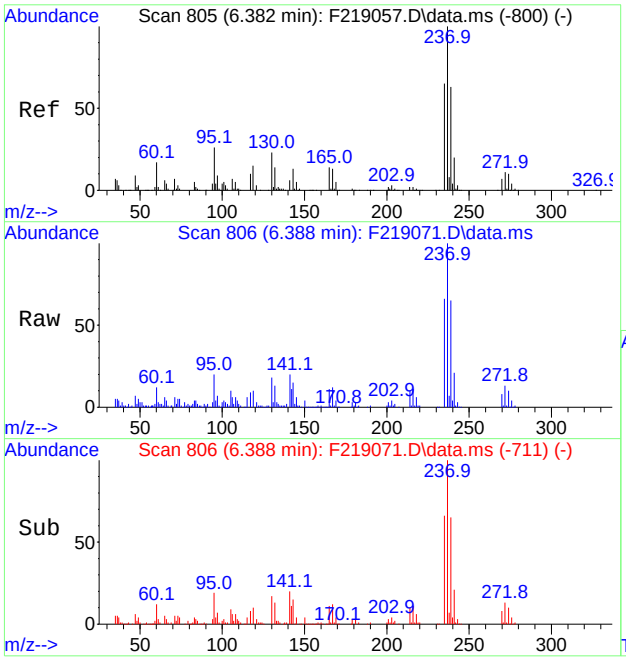


#45
1-Methylnaphthalene
Concen: 242.8992 ppm
RT: 6.350 min Scan# 799
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:142 Resp: 1126171

Ion	Ratio	Lower	Upper
142	100		
141	87.0	59.9	119.9
115	35.5	5.3	65.3

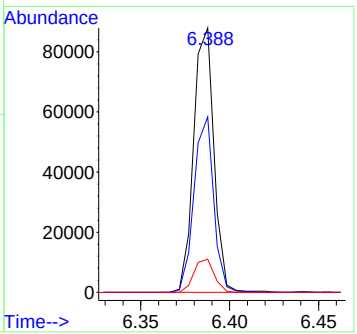


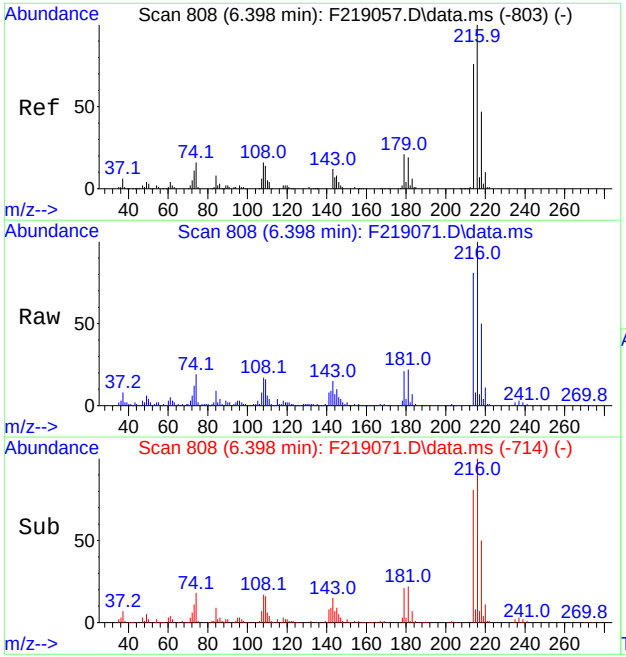


#47
Hexachlorocyclopentadiene
Concen: 63.1344 ppm
RT: 6.388 min Scan# 806
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:237 Resp: 70081

Ion	Ratio	Lower	Upper
237	100		
235	66.4	34.8	94.8
272	12.5	0.0	41.4

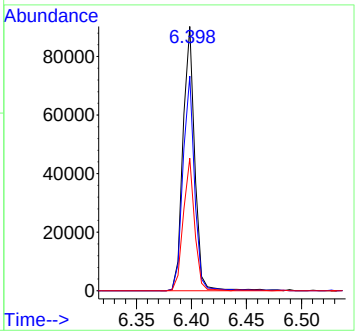


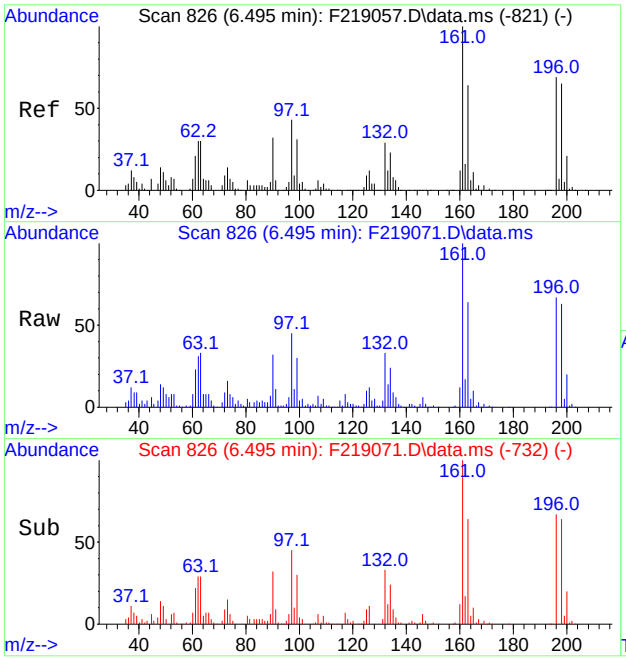


#48
1,2,4,5-tetrachlorobenzene
Concen: 26.6116 ppm
RT: 6.398 min Scan# 808
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:216 Resp: 67366

Ion	Ratio	Lower	Upper
216	100		
214	79.9	54.8	101.8
218	48.0	34.6	64.3

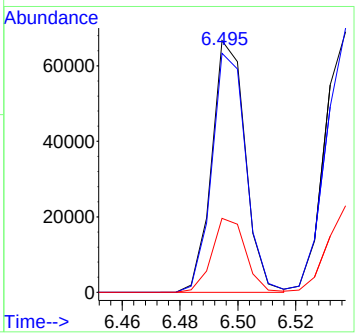


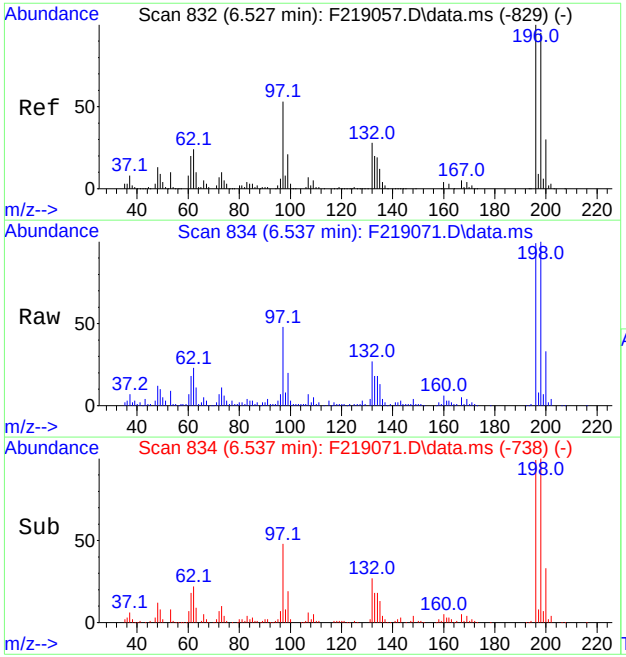


#49
2,4,6-Trichlorophenol
Concen: 36.1327 ppm
RT: 6.495 min Scan# 826
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:196 Resp: 53865

Ion	Ratio	Lower	Upper
196	100		
198	95.0	64.1	124.1
200	29.4	0.7	60.7

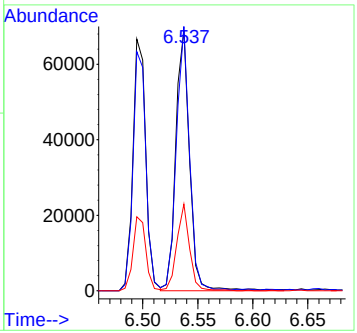


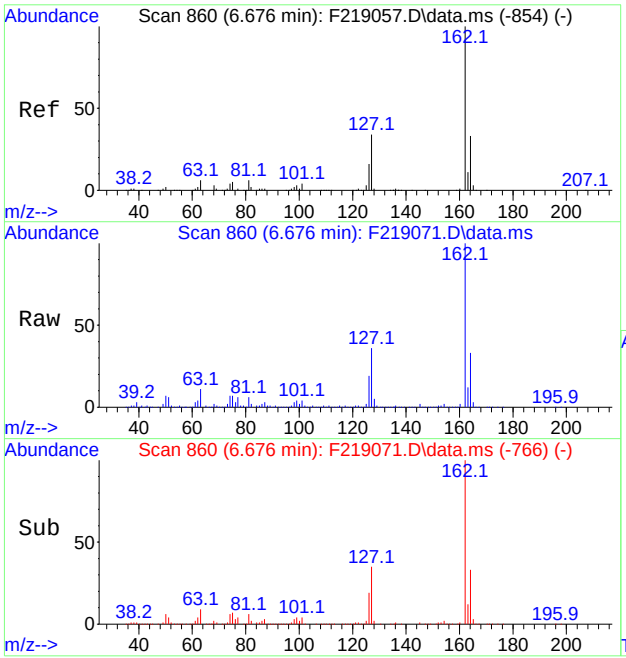


#50
2,4,5-Trichlorophenol
Concen: 36.4167 ppm
RT: 6.537 min Scan# 834
Delta R.T. 0.011 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:196 Resp: 60342

Ion	Ratio	Lower	Upper
196	100		
198	101.6	64.5	124.5
200	33.3	0.0	59.6

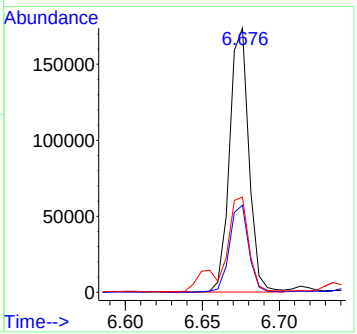


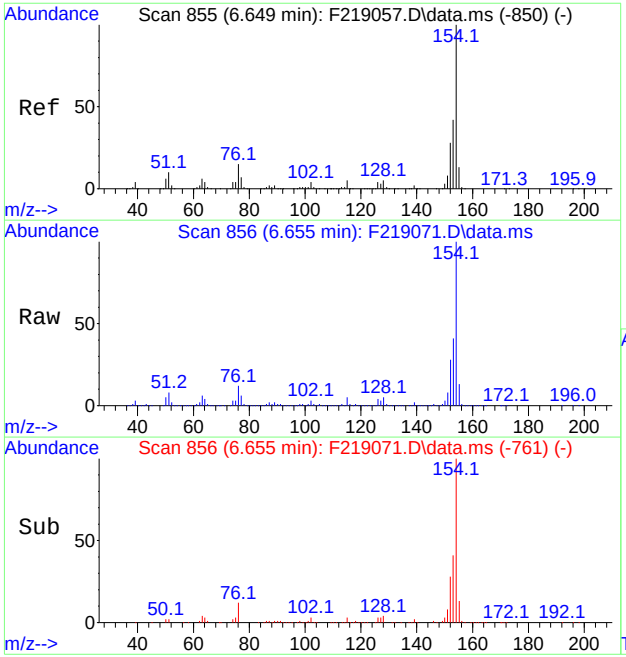


#52
2-Chloronaphthalene
Concen: 30.0203 ppm
RT: 6.676 min Scan# 860
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:162 Resp: 151417

Ion	Ratio	Lower	Upper
162	100		
164	32.8	2.6	62.6
127	35.8	5.4	65.4

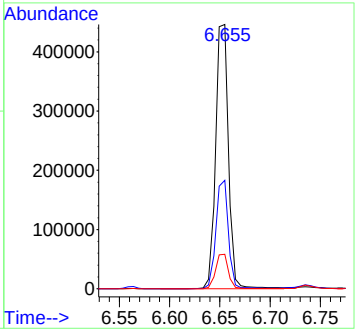


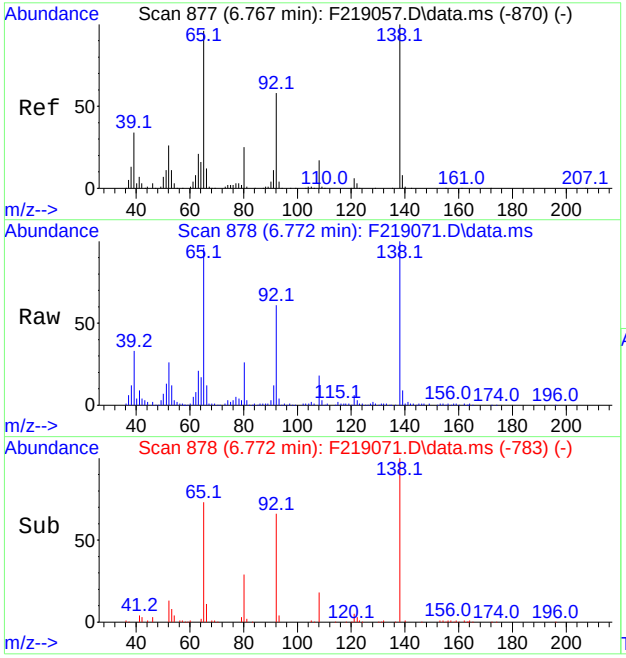


#53
Biphenyl
Concen: 60.2757 ppm
RT: 6.655 min Scan# 856
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:154 Resp: 393869

Ion	Ratio	Lower	Upper
154	100		
153	41.0	11.7	71.7
155	13.0	0.0	43.1

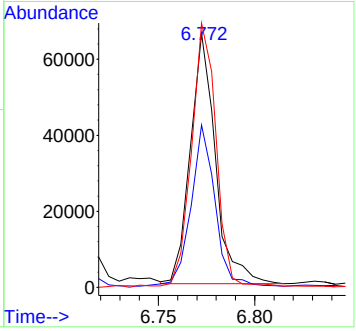


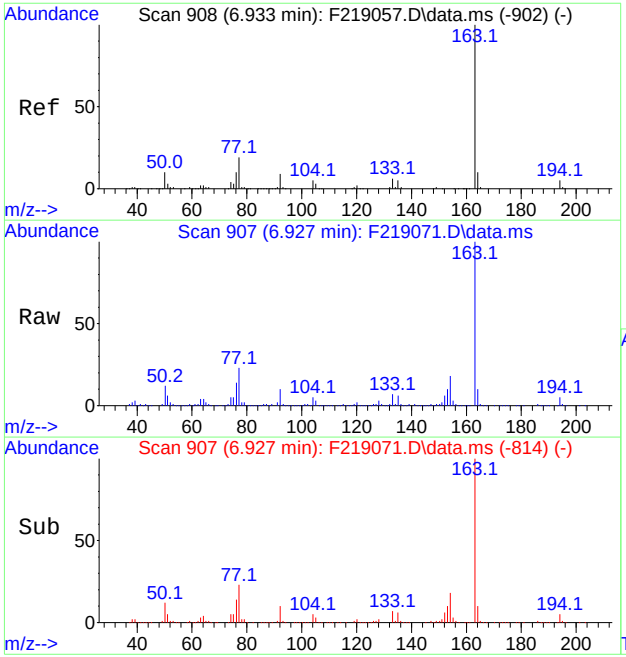


#54
2-Nitroaniline
Concen: 58.9701 ppm
RT: 6.772 min Scan# 878
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 65 Resp: 60025

Ion	Ratio	Lower	Upper
65	100		
92	64.2	30.1	90.1
138	105.5	74.5	134.5

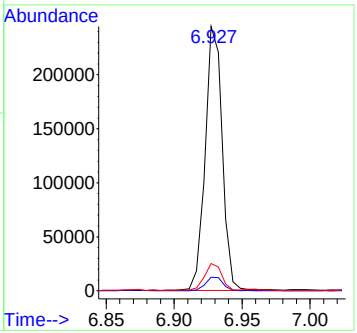


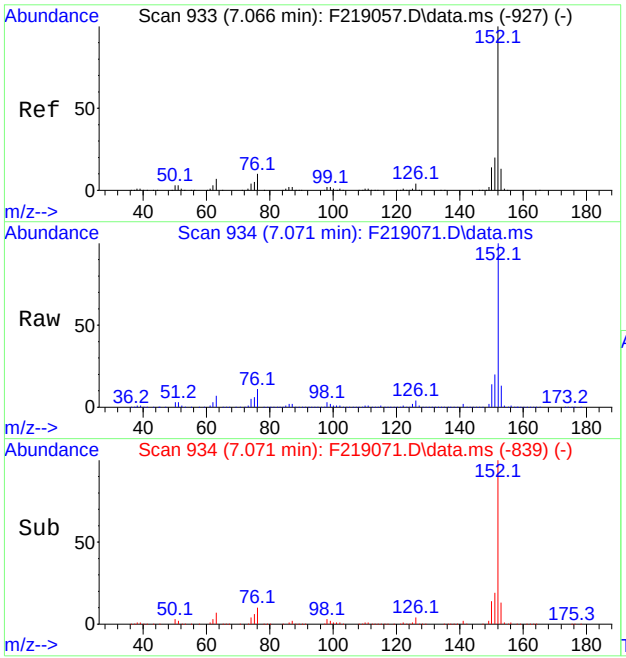


#55
Dimethylphthalate
Concen: 38.7540 ppm
RT: 6.927 min Scan# 907
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:163 Resp: 213532

Ion	Ratio	Lower	Upper
163	100		
194	5.1	0.0	35.5
164	10.2	0.0	40.0

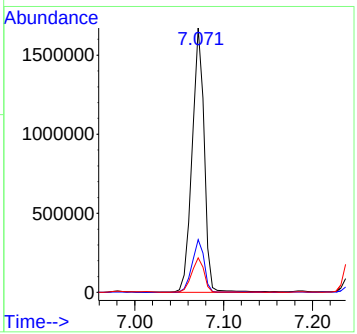


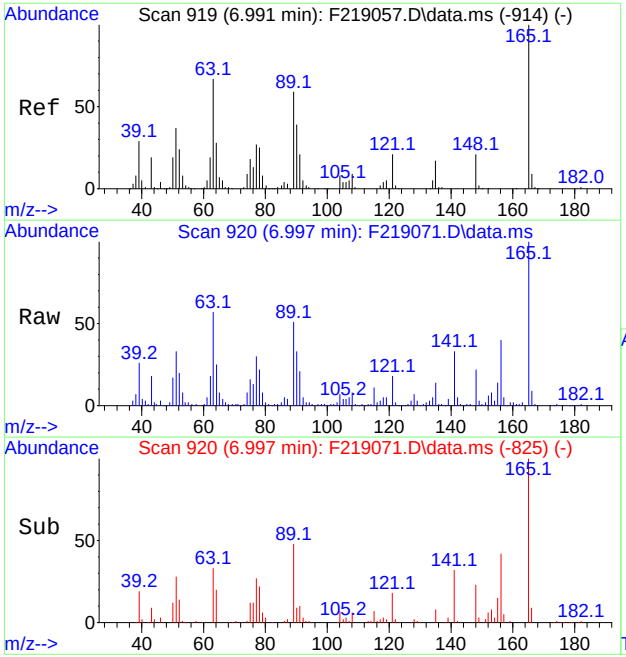


#56
Acenaphthylene
Concen: 254.0013 ppm
RT: 7.071 min Scan# 934
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:152 Resp: 1585966

Ion	Ratio	Lower	Upper
152	100		
151	20.0	0.0	49.7
153	13.0	0.0	42.8

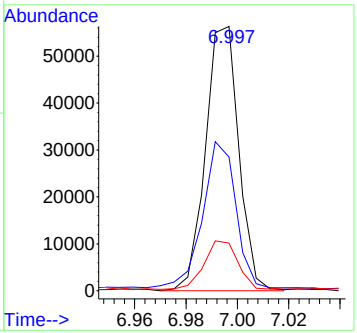


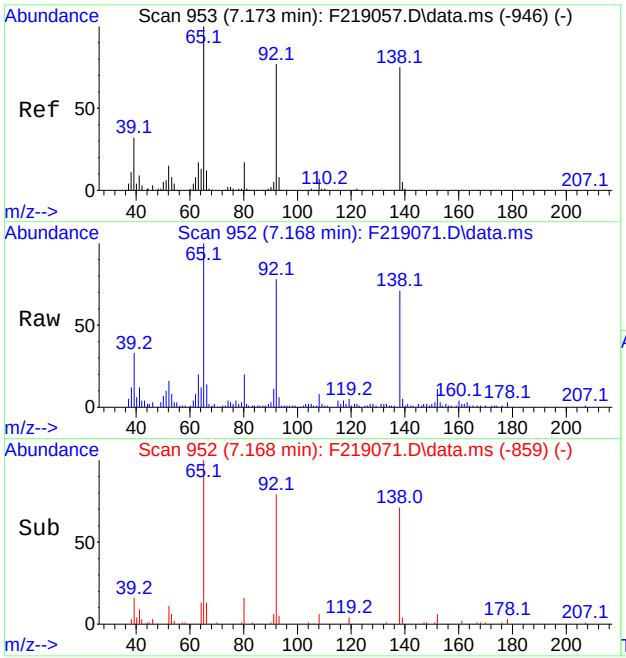


#57
2,6-Dinitrotoluene
Concen: 53.1465 ppm
RT: 6.997 min Scan# 920
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:165 Resp: 50883

Ion	Ratio	Lower	Upper
165	100		
89	49.1	28.6	88.6
121	17.2	0.0	51.0

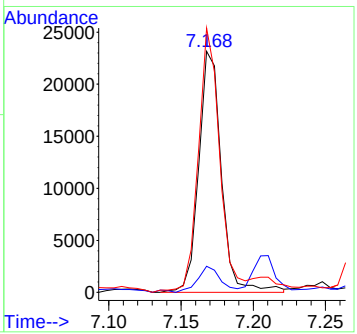


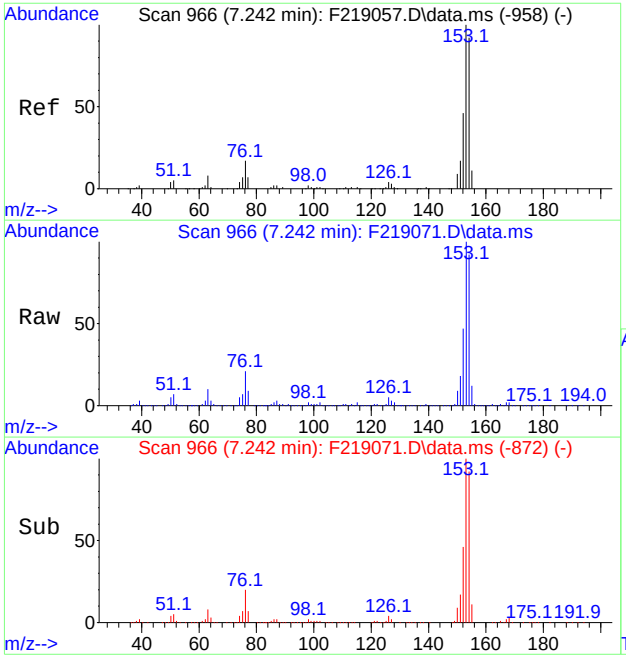


#58
3-Nitroaniline
Concen: 20.9867 ppm
RT: 7.168 min Scan# 952
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:138 Resp: 25224

Ion	Ratio	Lower	Upper
138	100		
108	8.9	0.0	39.2
92	108.4	71.8	131.8

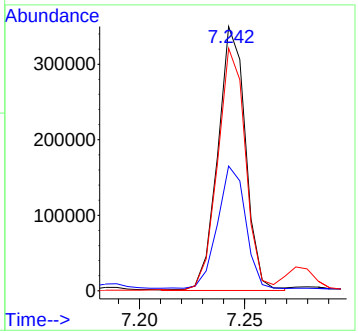


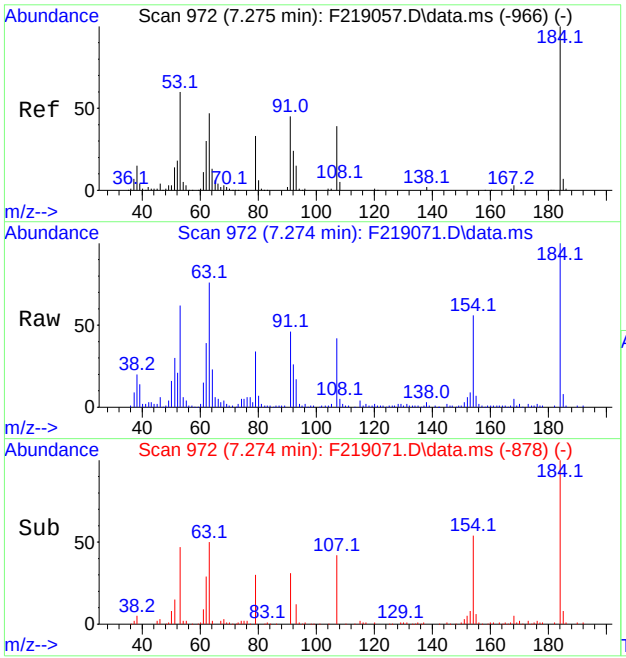


#59
Acenaphthene
Concen: 57.7959 ppm
RT: 7.242 min Scan# 966
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:153 Resp: 320848

Ion	Ratio	Lower	Upper
153	100		
152	46.6	15.8	75.8
154	89.4	53.0	113.0

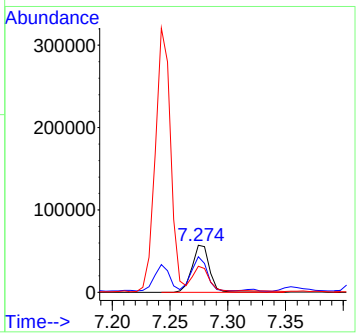


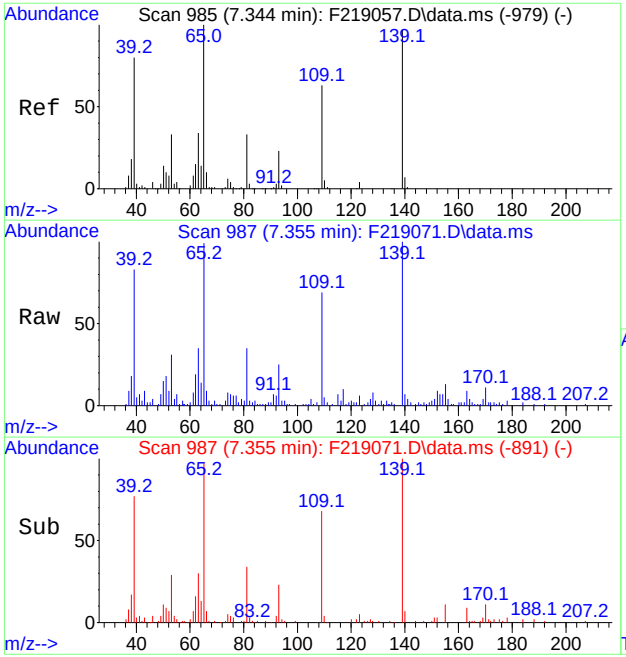


#60
2,4-Dinitrophenol
Concen: 121.9085 ppm
RT: 7.274 min Scan# 972
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:184 Resp: 60065

Ion	Ratio	Lower	Upper
184	100		
63	41.8	29.1	89.1
154	0.0	0.0	30.0

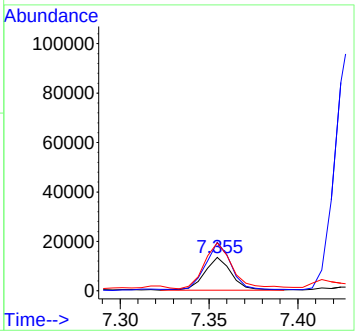


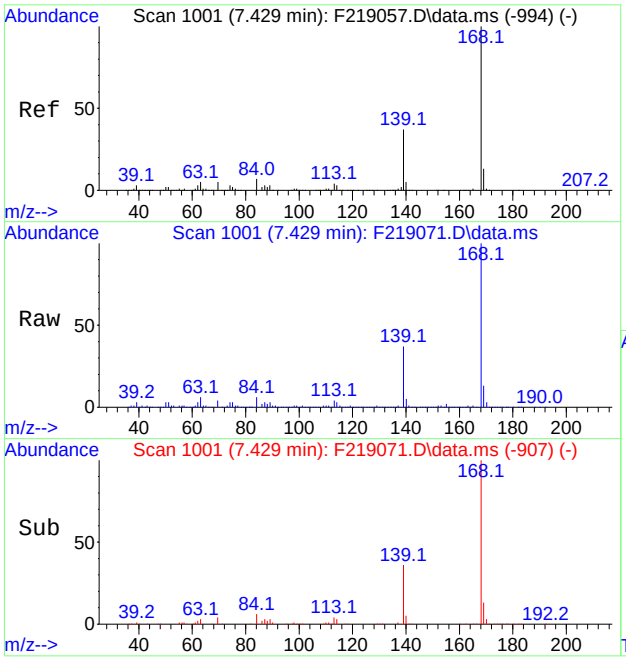


#61
4-Nitrophenol
Concen: 24.3478 ppm
RT: 7.355 min Scan# 987
Delta R.T. 0.011 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:109 Resp: 13889

Ion	Ratio	Lower	Upper
109	100		
139	144.4	122.7	182.7
65	134.3	128.1	188.1

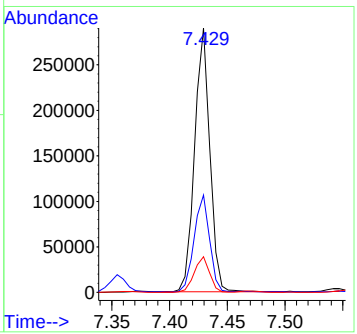


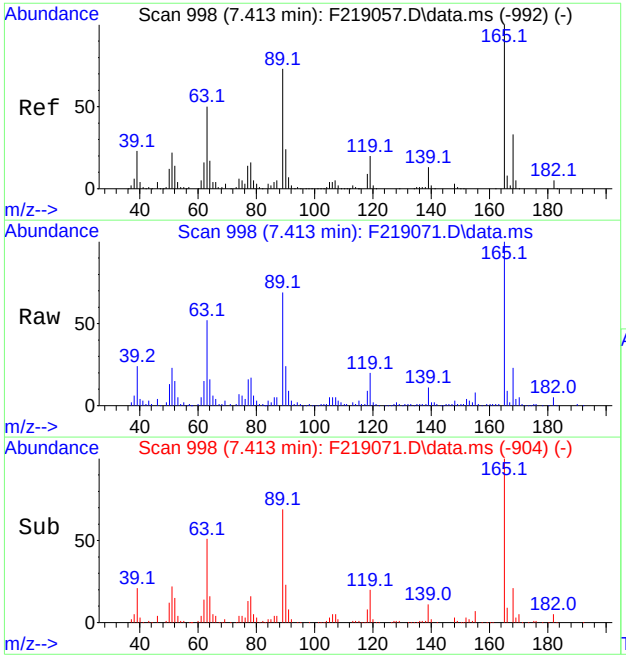


#62
Dibenzofuran
Concen: 37.4846 ppm
RT: 7.429 min Scan# 1001
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:168 Resp: 266261

Ion	Ratio	Lower	Upper
168	100		
139	36.7	6.6	66.6
169	13.4	0.0	43.3

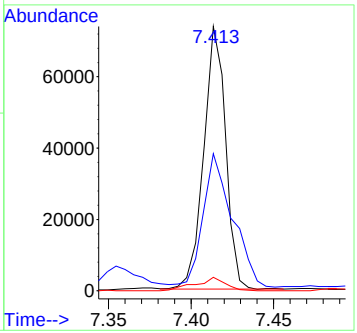


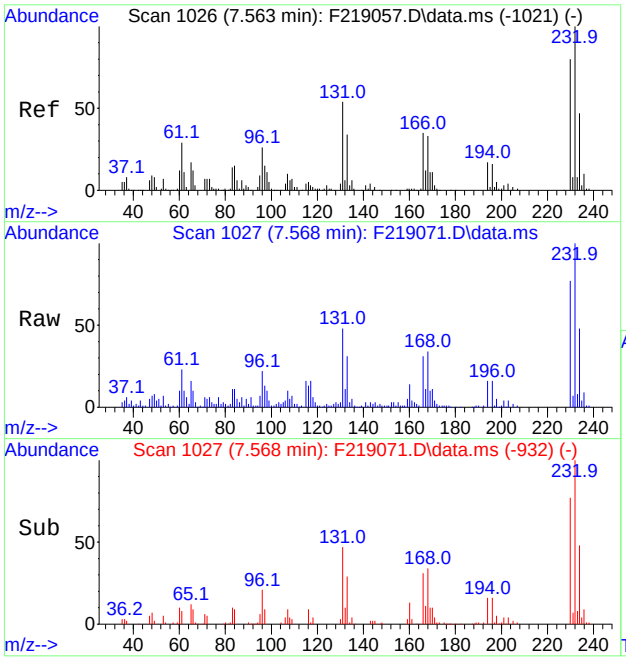


#63
2,4-Dinitrotoluene
Concen: 49.3169 ppm
RT: 7.413 min Scan# 998
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:165 Resp: 68197

Ion	Ratio	Lower	Upper
165	100		
63	50.1	19.9	79.9
182	5.2	0.0	34.6

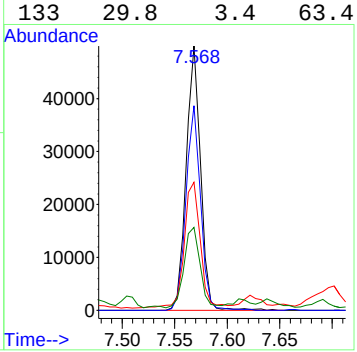


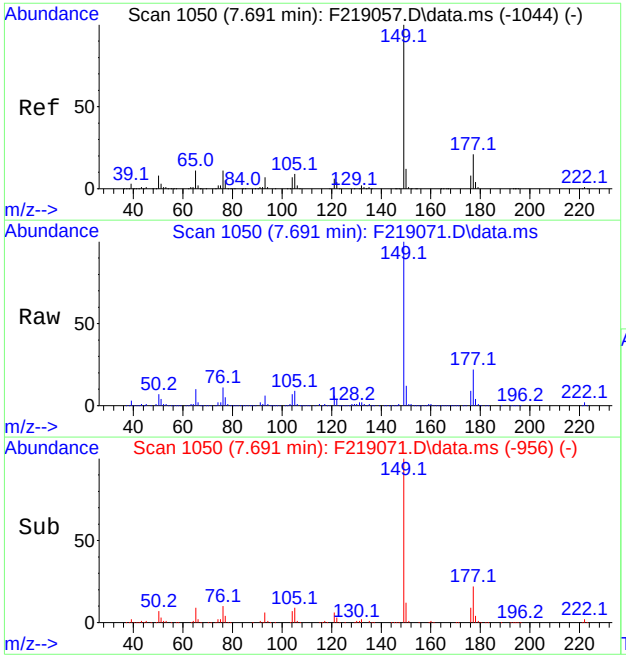


#64
2,3,4,6-Tetrachlorophenol
Concen: 38.2521 ppm
RT: 7.568 min Scan# 1027
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:232 Resp: 47805

Ion	Ratio	Lower	Upper
232	100		
230	77.4	49.6	109.6
131	46.5	23.8	83.8
133	29.8	3.4	63.4

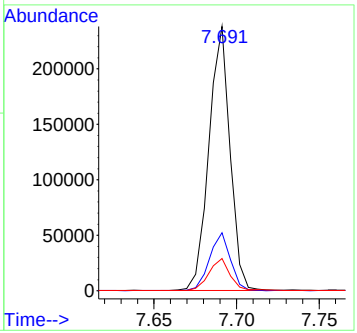


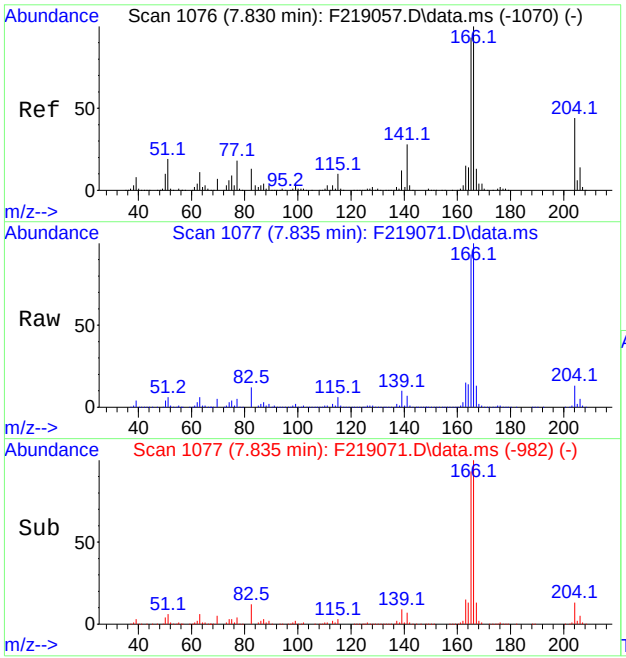


#65
Diethylphthalate
Concen: 38.5942 ppm
RT: 7.691 min Scan# 1050
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:149 Resp: 212662

Ion	Ratio	Lower	Upper
149	100		
177	22.0	0.0	51.3
150	12.1	0.0	42.0

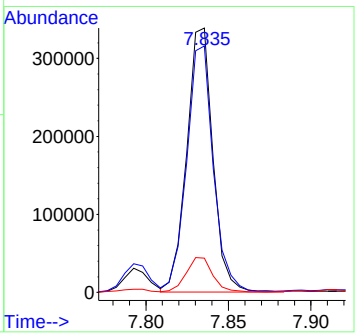


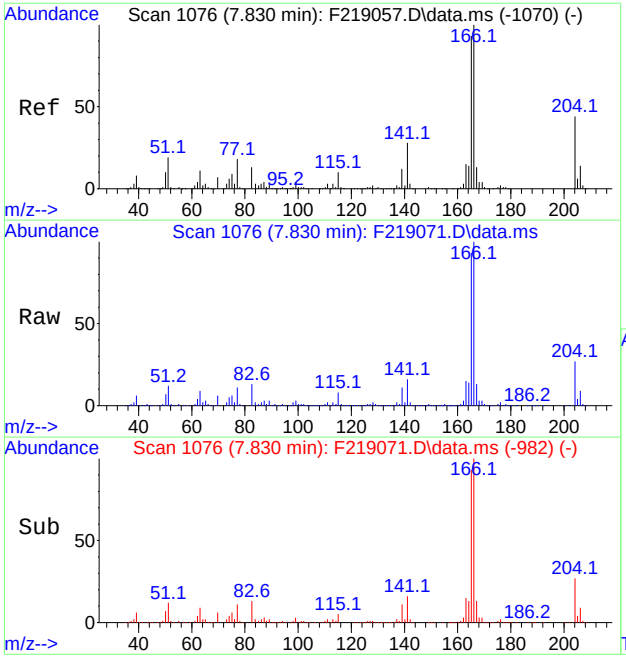


#66
Fluorene
Concen: 67.1132 ppm
RT: 7.835 min Scan# 1077
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:166 Resp: 374439

Ion	Ratio	Lower	Upper
166	100		
165	92.8	62.5	122.5
167	12.7	0.0	43.1

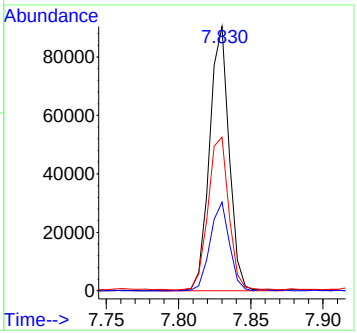


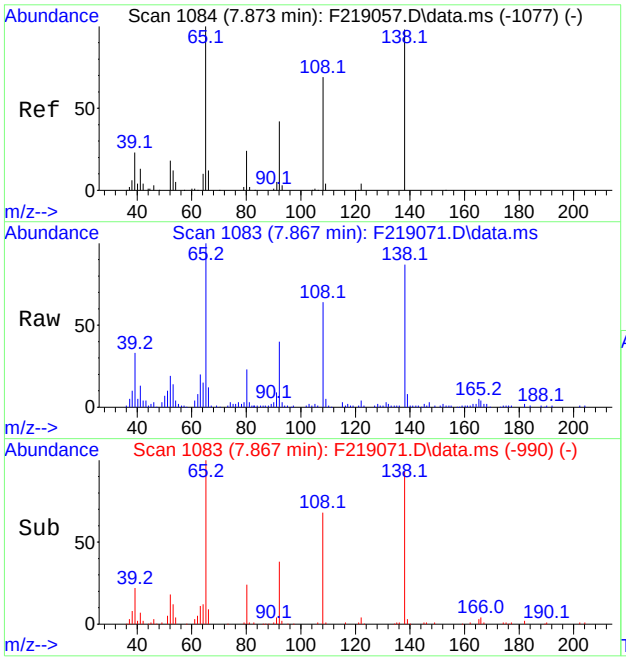


#67
4-Chlorophenyl-phenylether
Concen: 32.5488 ppm
RT: 7.830 min Scan# 1076
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:204 Resp: 85024

Ion	Ratio	Lower	Upper
204	100		
206	33.4	3.0	63.0
141	57.7	33.0	93.0

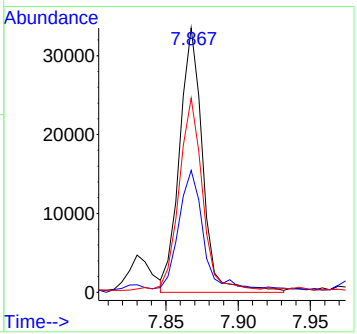


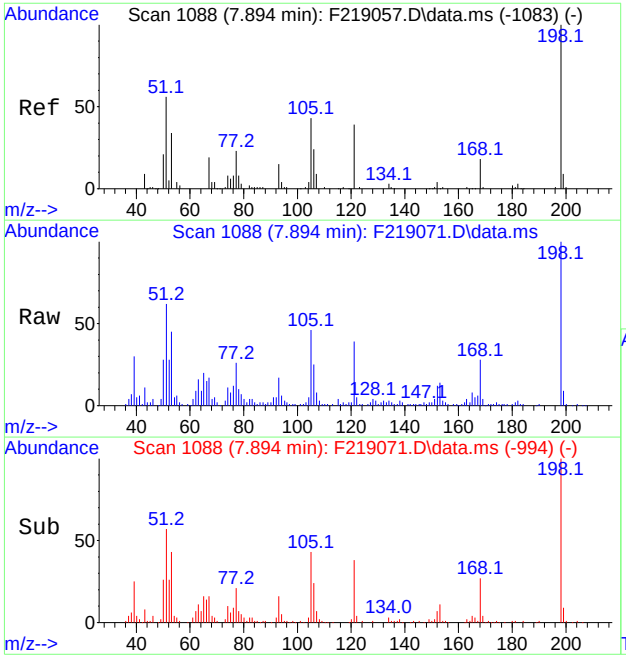


#68
4-Nitroaniline
Concen: 30.6826 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:138 Resp: 37559

Ion	Ratio	Lower	Upper
138	100		
92	45.6	13.1	73.1
108	73.5	40.4	100.4

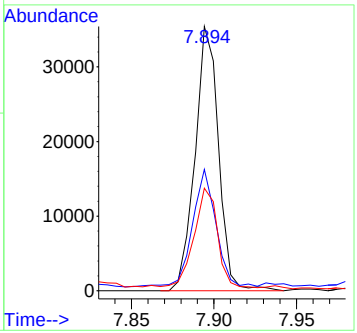


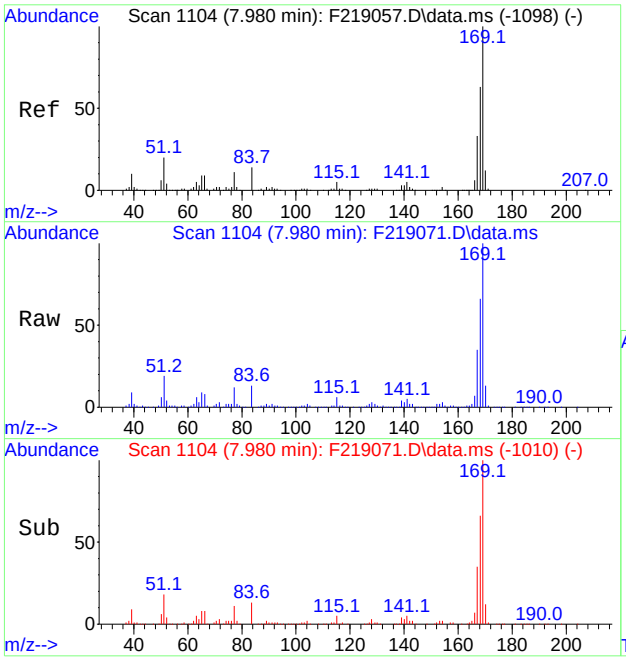


#70
4,6-Dinitro-2-methylphenol
Concen: 61.8533 ppm
RT: 7.894 min Scan# 1088
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:198 Resp: 35207

Ion	Ratio	Lower	Upper
198	100		
105	43.5	13.4	73.4
121	37.3	9.5	69.5

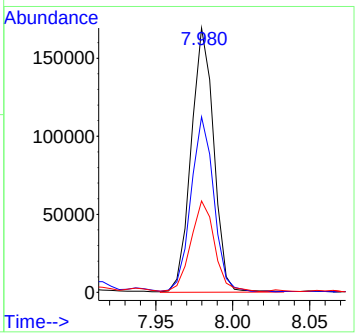


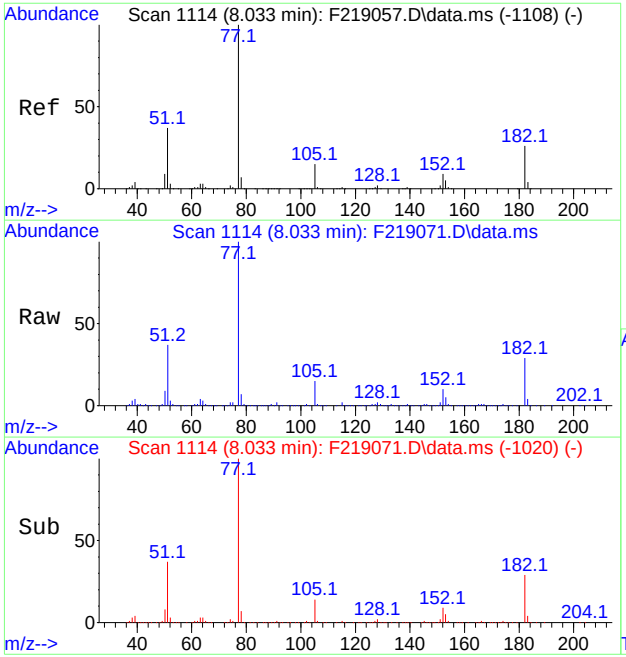


#71
n-Nitrosodiphenylamine
Concen: 41.5346 ppm
RT: 7.980 min Scan# 1104
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:169 Resp: 173078

Ion	Ratio	Lower	Upper
169	100		
168	66.1	32.8	92.8
167	34.1	3.3	63.3

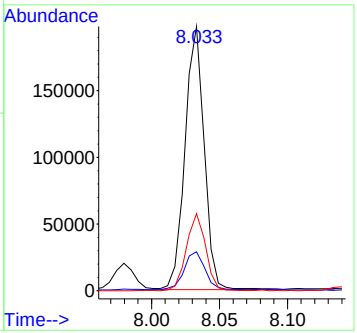


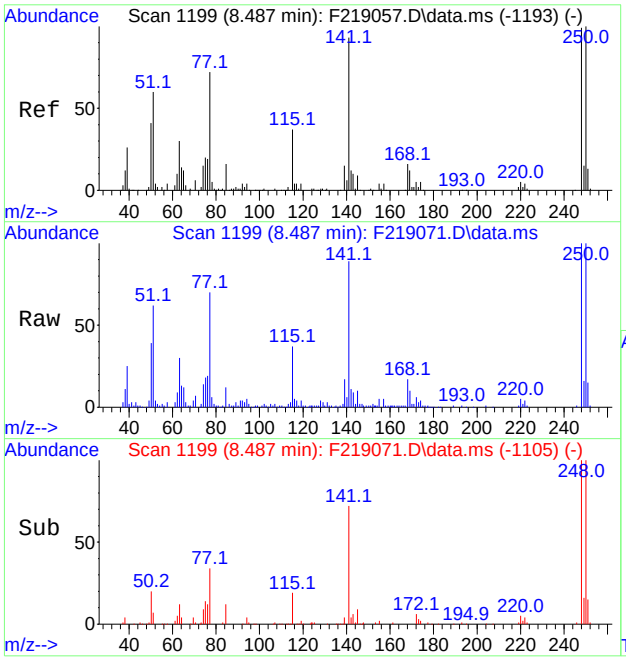


#72
1,2-Diphenylhydrazine
Concen: 41.9839 ppm
RT: 8.033 min Scan# 1114
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 77 Resp: 193939

Ion	Ratio	Lower	Upper
77	100		
105	14.4	0.0	45.0
182	29.3	0.0	56.4

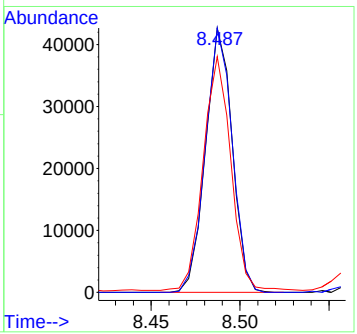


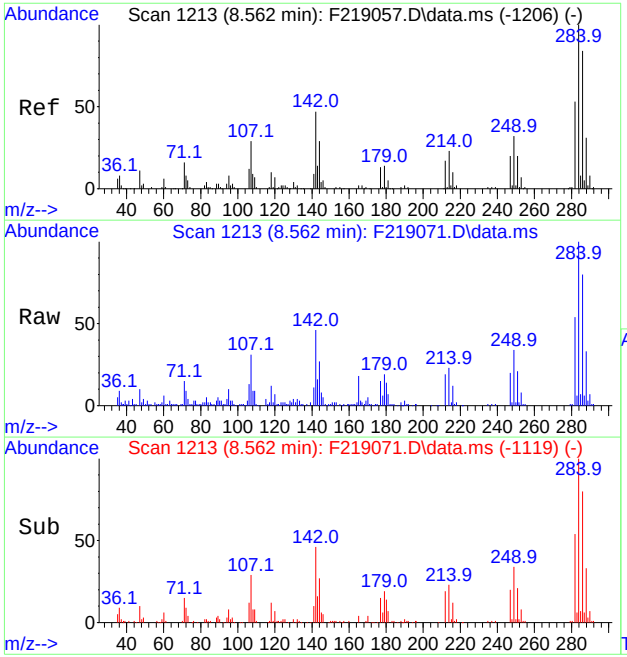


#74
4-Bromophenyl-phenylether
Concen: 29.9058 ppm
RT: 8.487 min Scan# 1199
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:248 Resp: 44391

Ion	Ratio	Lower	Upper
248	100		
250	100.1	71.3	131.3
141	88.3	63.6	123.6

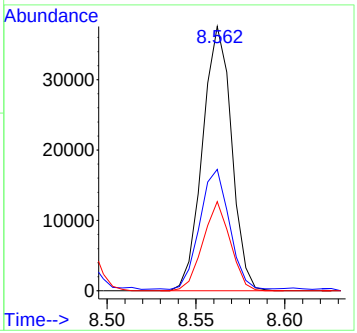


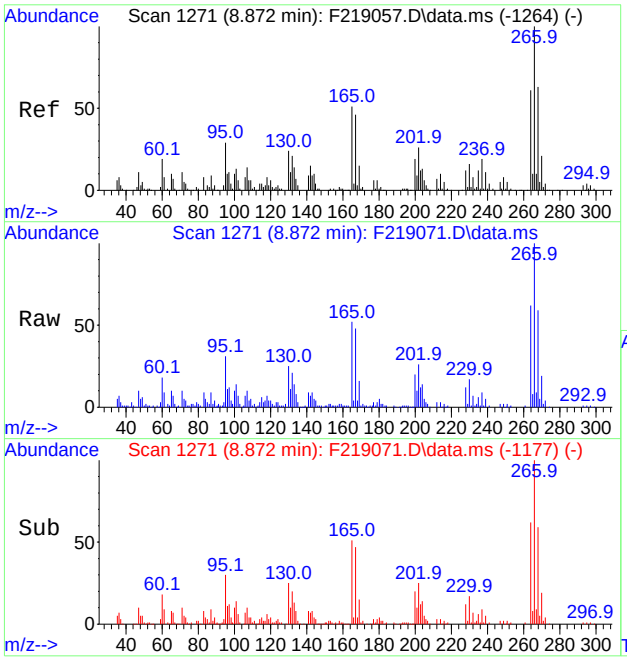


#75
Hexachlorobenzene
Concen: 22.8531 ppm
RT: 8.562 min Scan# 1213
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:284 Resp: 42656

Ion	Ratio	Lower	Upper
284	100		
142	45.1	17.3	77.3
249	33.7	2.5	62.5

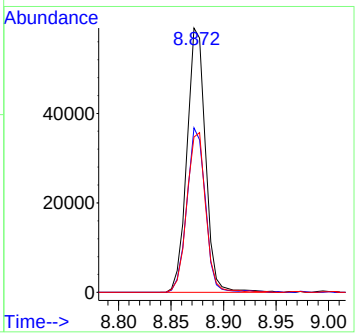


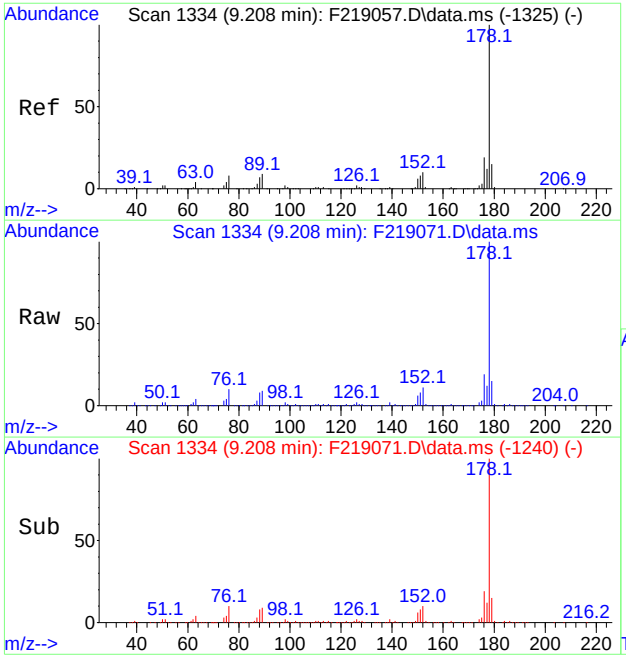


#76
Pentachlorophenol
Concen: 76.2228 ppm
RT: 8.872 min Scan# 1271
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:266 Resp: 72746

Ion	Ratio	Lower	Upper
266	100		
264	62.2	30.6	90.6
268	58.7	32.4	92.4

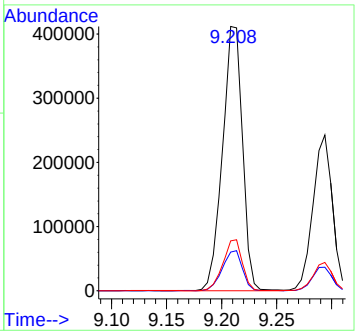


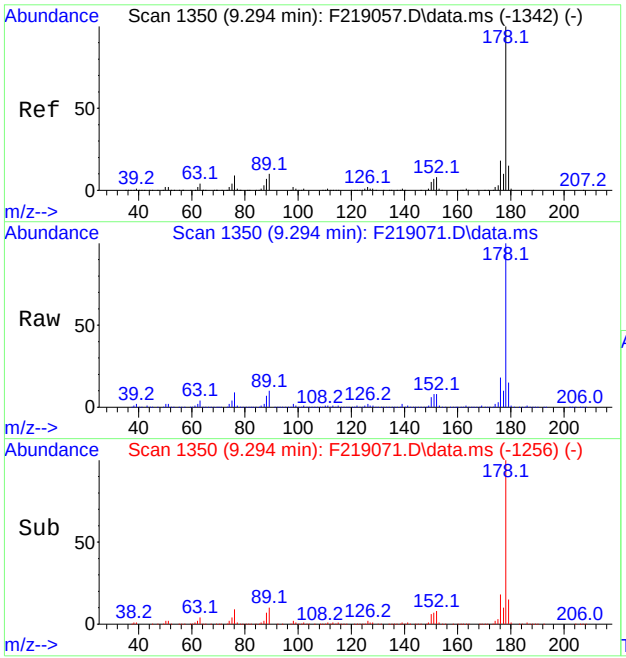


#77
Phenanthrene
Concen: 69.3964 ppm
RT: 9.208 min Scan# 1334
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:178 Resp: 524858

Ion	Ratio	Lower	Upper
178	100		
179	14.5	0.0	45.4
176	18.8	0.0	48.6

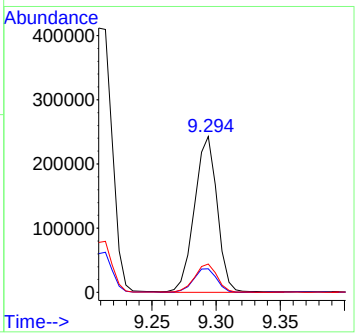


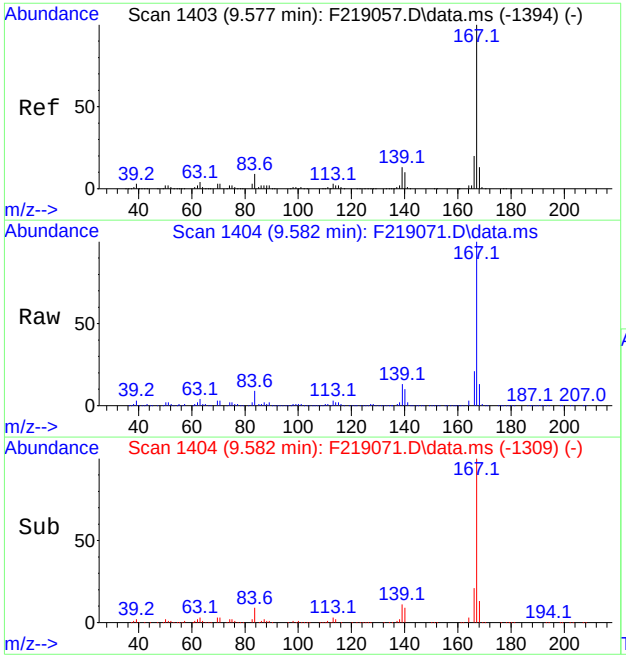


#78
Anthracene
Concen: 40.4527 ppm
RT: 9.294 min Scan# 1350
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:178 Resp: 299711

Ion	Ratio	Lower	Upper
178	100		
179	15.1	0.0	44.8
176	18.1	0.0	47.7

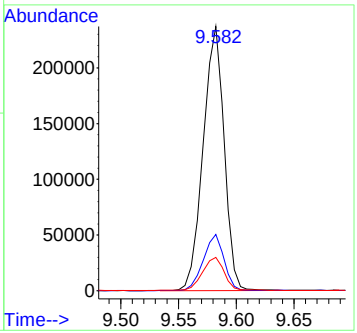


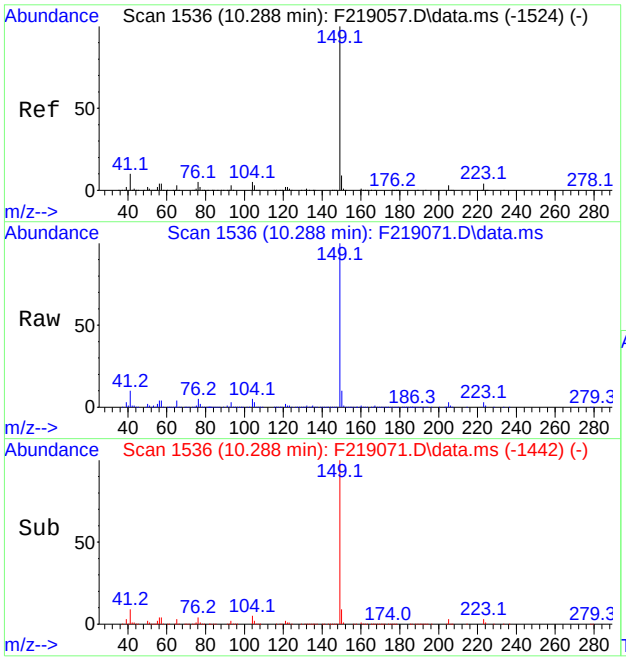


#79
Carbazole
Concen: 44.0003 ppm
RT: 9.582 min Scan# 1404
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:167 Resp: 300000

Ion	Ratio	Lower	Upper
167	100		
166	21.3	0.0	50.5
139	12.4	0.0	42.8

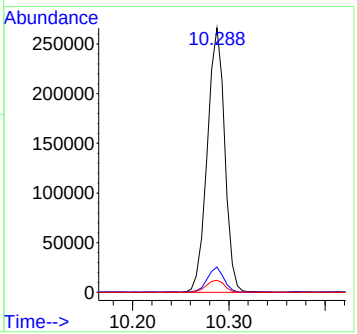


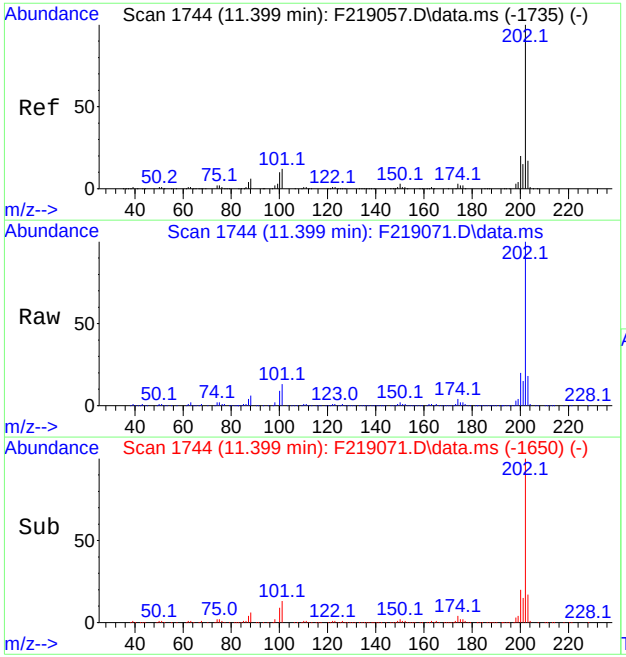


#80
Di-n-butylphthalate
Concen: 39.9019 ppm
RT: 10.288 min Scan# 1536
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:149 Resp: 335365

Ion	Ratio	Lower	Upper
149	100		
150	9.5	0.0	39.1
104	4.5	0.0	34.9

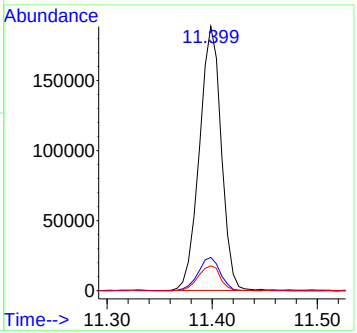


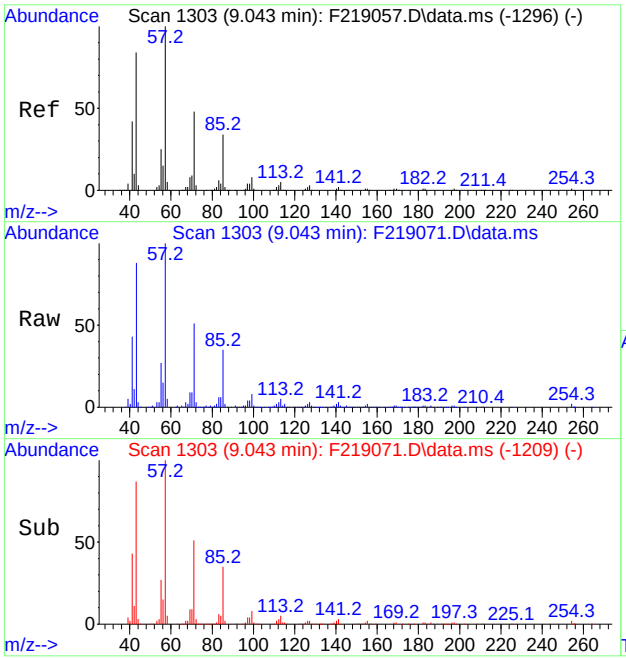


#81
Fluoranthene
Concen: 34.5595 ppm
RT: 11.399 min Scan# 1744
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:202 Resp: 272555

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	42.4
100	9.5	0.0	40.3

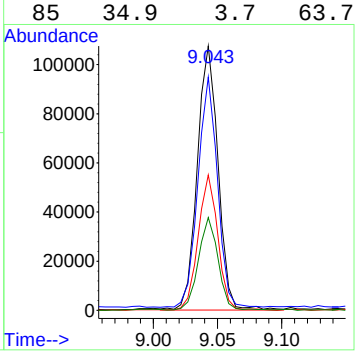


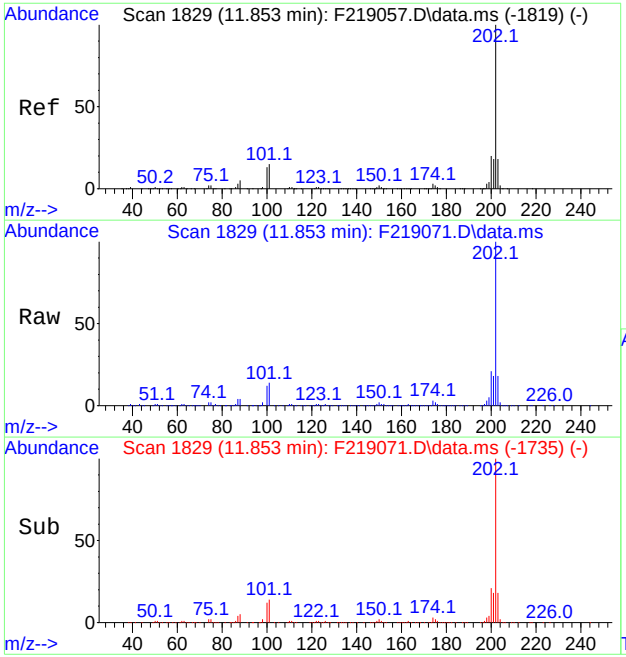


#82
Octadecane
Concen: 48.8517 ppm
RT: 9.043 min Scan# 1303
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 57 Resp: 121731

Ion	Ratio	Lower	Upper
57	100		
43	87.4	54.1	114.1
71	51.2	18.2	78.2
85	34.9	3.7	63.7

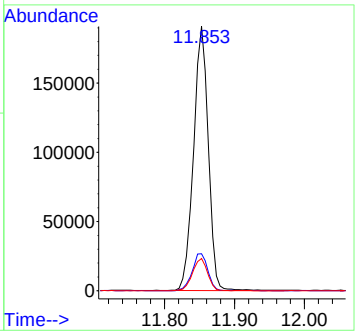


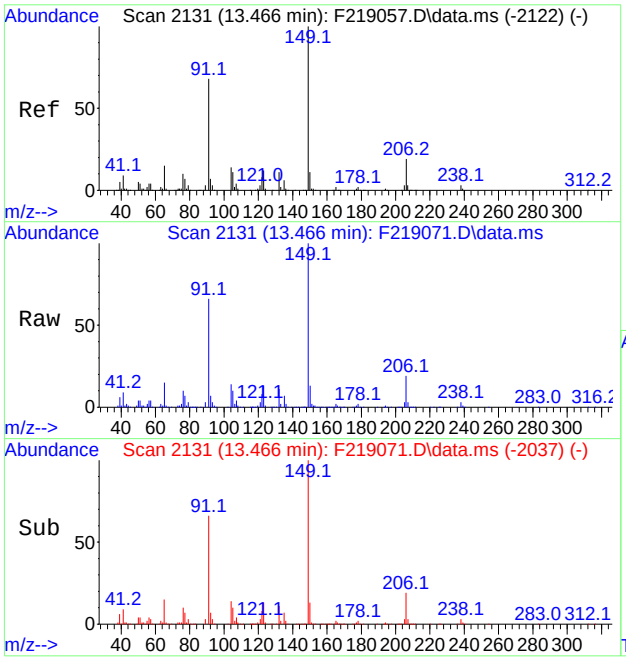


#85
Pyrene
Concen: 41.6053 ppm
RT: 11.853 min Scan# 1829
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:202 Resp: 280049

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	45.4
100	12.3	0.0	42.5

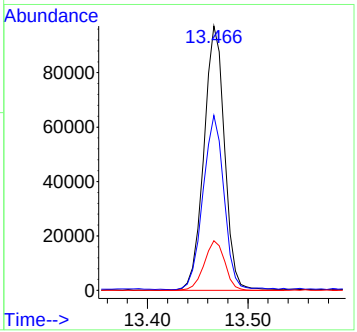


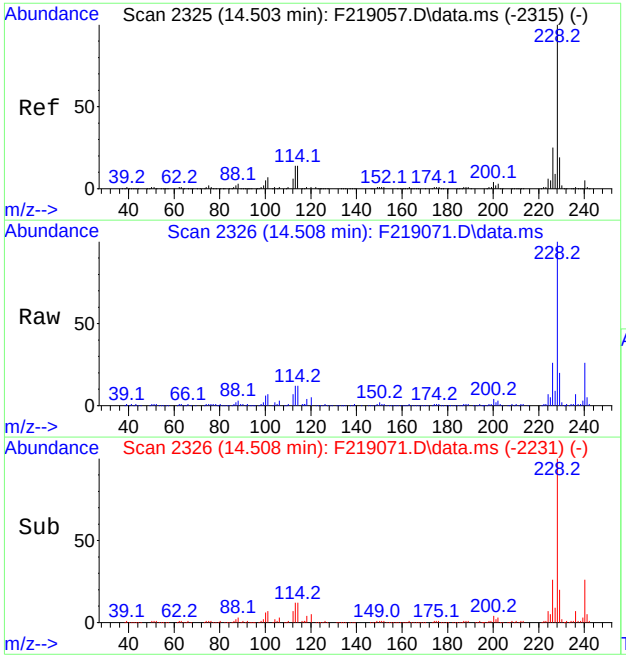


#87
Butylbenzylphthalate
Concen: 52.7744 ppm
RT: 13.466 min Scan# 2131
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:149 Resp: 138988

Ion	Ratio	Lower	Upper
149	100		
91	65.6	37.7	97.7
206	18.8	0.0	48.6

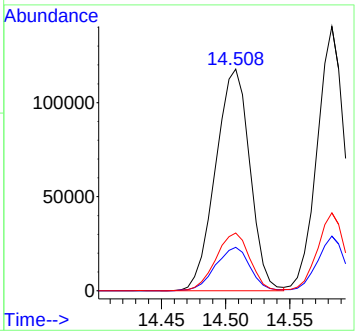


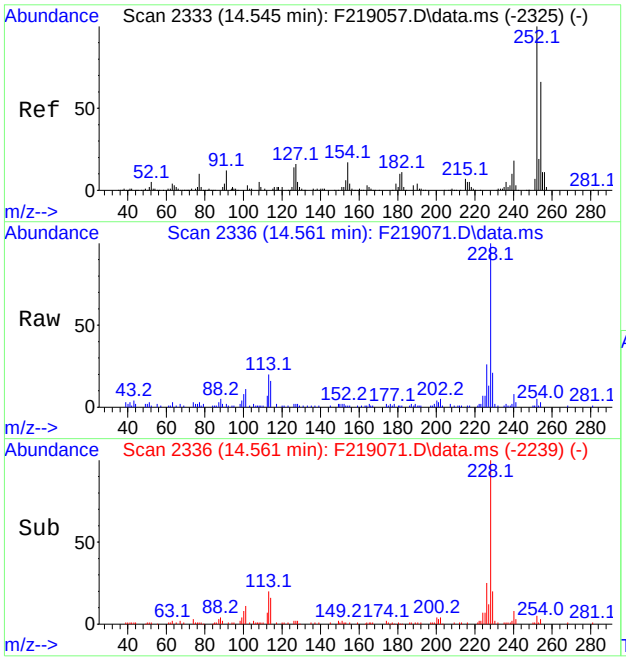


#88
Benzo[a]anthracene
Concen: 34.1648 ppm
RT: 14.508 min Scan# 2326
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:228 Resp: 219789

Ion	Ratio	Lower	Upper
228	100		
229	19.6	0.0	49.4
226	26.0	0.0	54.9

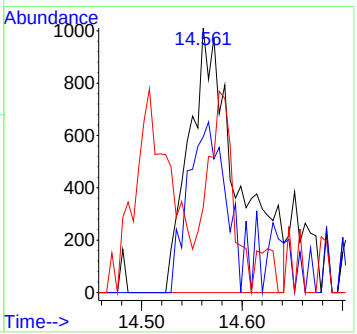


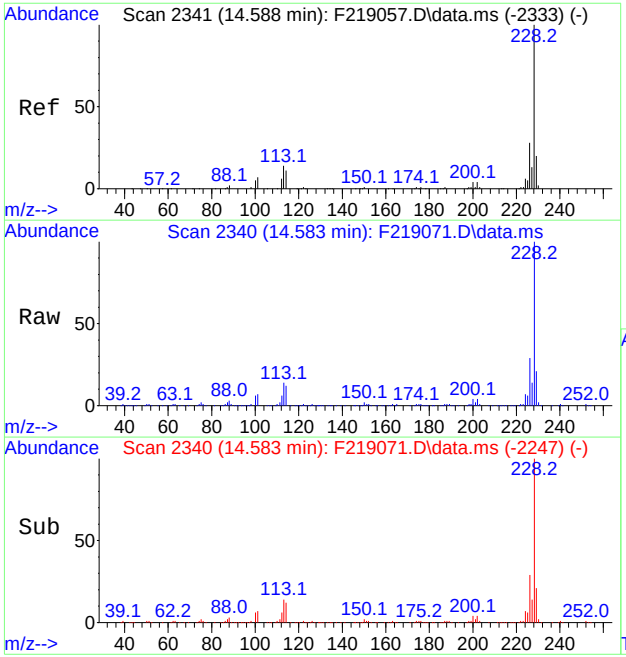


#89
3,3'-Dichlorobenzidine
Concen: 1.4266 ppm
RT: 14.561 min Scan# 2336
Delta R.T. 0.016 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:252 Resp: 3427

Ion	Ratio	Lower	Upper
252	100		
254	54.6	36.5	96.5
126	6.5	0.0	44.6

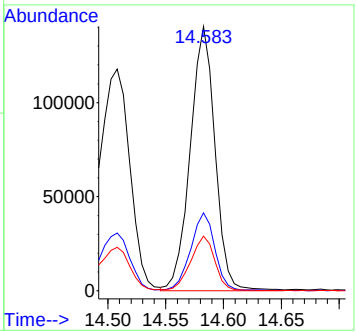


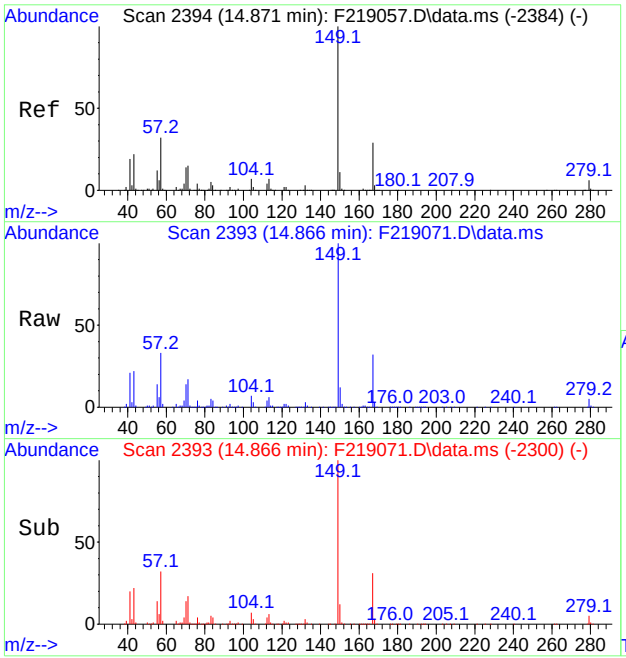


#90
Chrysene
Concen: 33.0466 ppm
RT: 14.583 min Scan# 2340
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:228 Resp: 210431

Ion	Ratio	Lower	Upper
228	100		
226	29.4	0.0	58.2
229	20.5	0.0	49.8

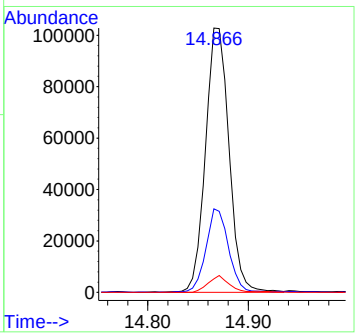


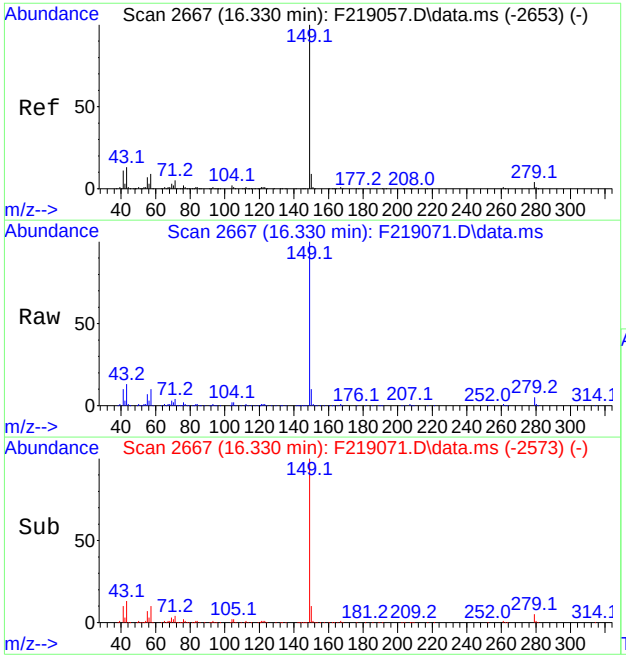


#91
bis(2-Ethylhexyl)phthalate
Concen: 42.1079 ppm
RT: 14.866 min Scan# 2393
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:149 Resp: 167289

Ion	Ratio	Lower	Upper
149	100		
167	31.5	0.0	58.9
279	5.0	0.0	35.5

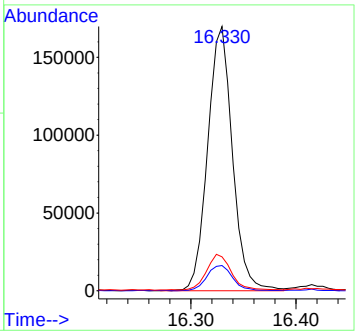


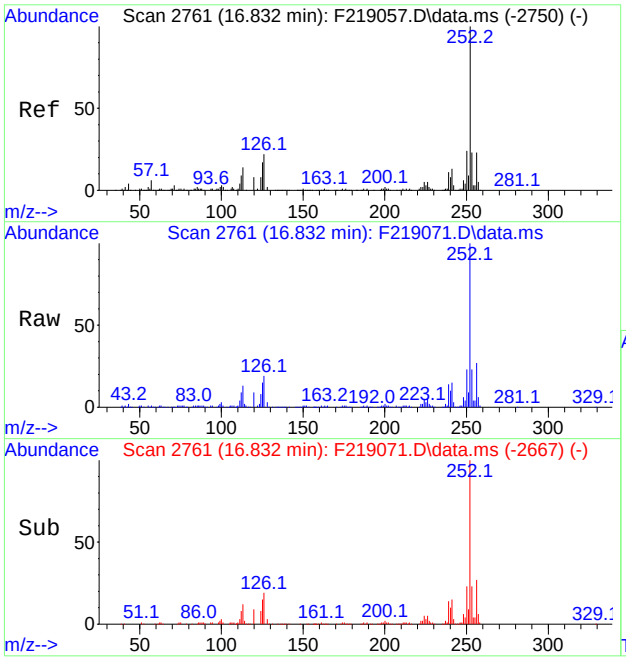


#93
Di-n-octylphthalate
Concen: 44.8357 ppm
RT: 16.330 min Scan# 2667
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:149 Resp: 278726

Ion	Ratio	Lower	Upper
149	100		
150	9.5	0.0	39.4
43	12.5	0.0	43.4

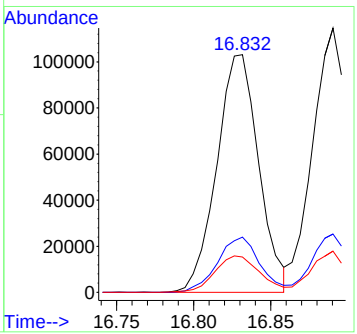


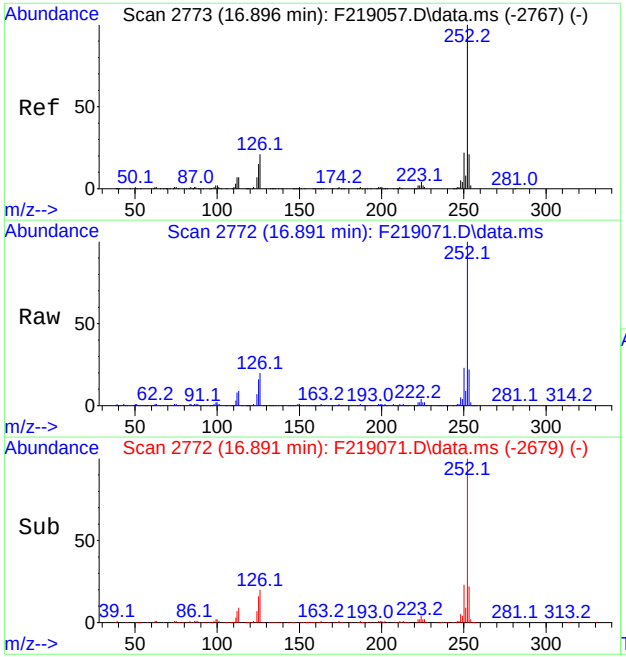


#94
Benzo[b]fluoranthene
Concen: 33.8273 ppm
RT: 16.832 min Scan# 2761
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:252 Resp: 195395

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	52.8
125	14.6	0.0	46.6

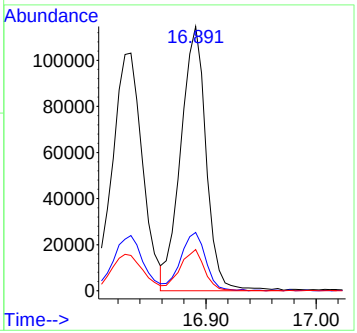


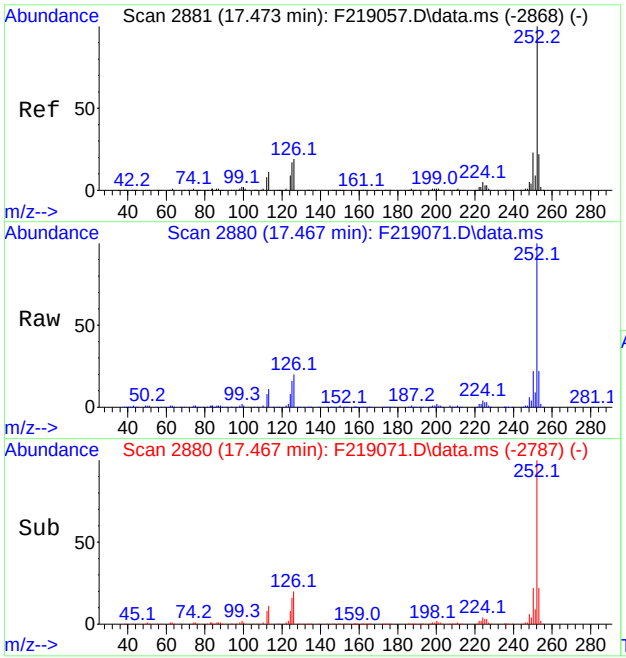


#95
Benzo[k]fluoranthene
Concen: 32.9609 ppm
RT: 16.891 min Scan# 2772
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:252 Resp: 183674

Ion	Ratio	Lower	Upper
252	100		
253	21.8	0.0	51.5
125	15.4	0.0	45.2

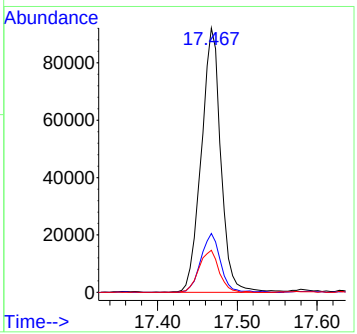


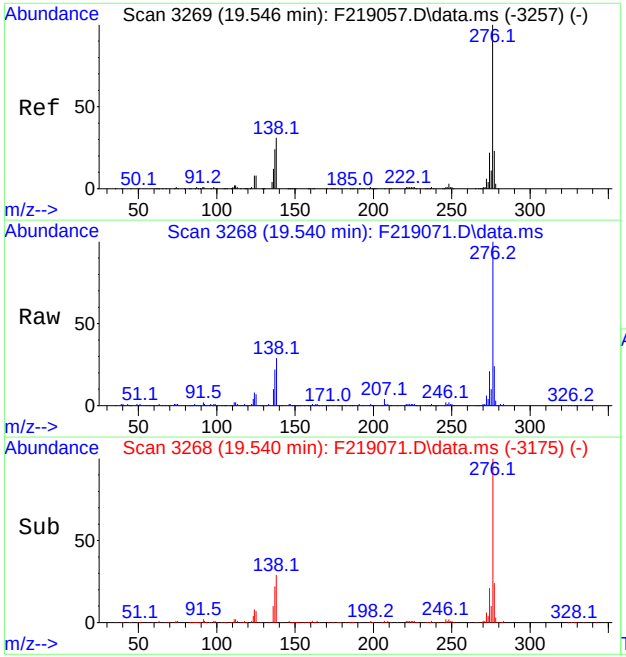


#96
Benzo[a]pyrene
Concen: 33.6561 ppm
RT: 17.467 min Scan# 2880
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:252 Resp: 157205

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	51.5
125	15.9	0.0	46.5

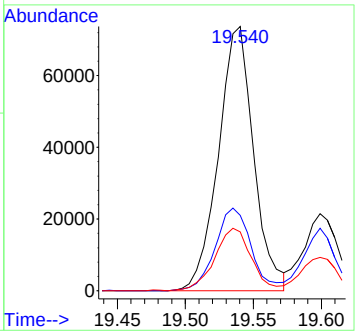


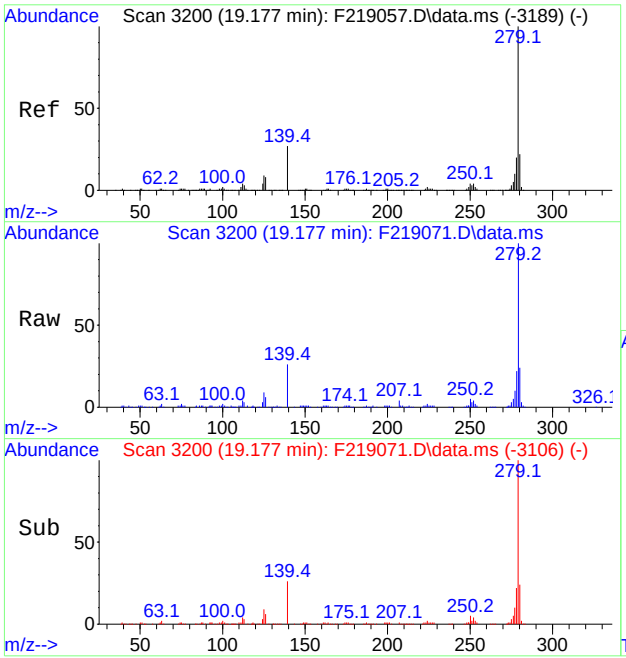


#97
Indeno[1,2,3-cd]pyrene
Concen: 27.4052 ppm
RT: 19.540 min Scan# 3268
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:276 Resp: 132775

Ion	Ratio	Lower	Upper
276	100		
138	27.9	0.0	59.6
137	21.9	0.0	53.8

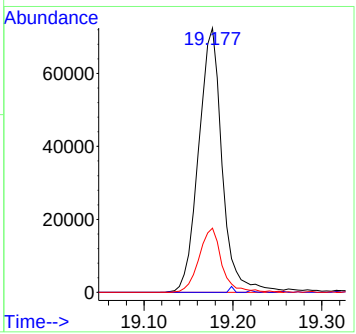


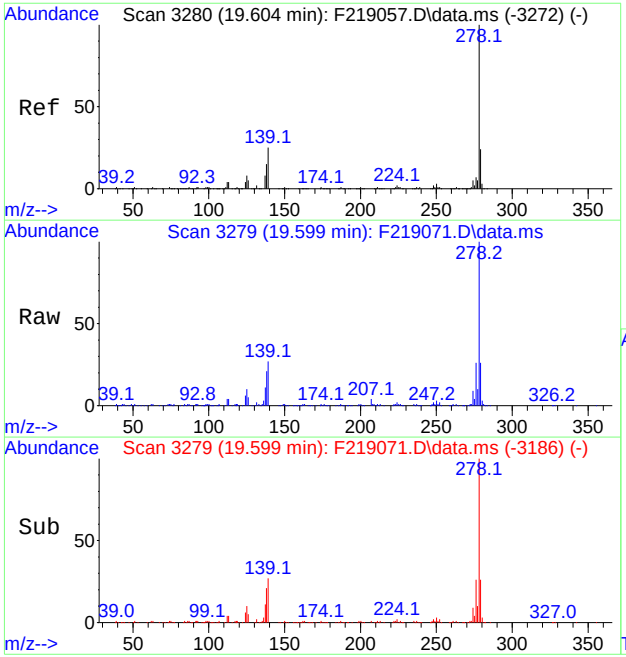


#98
Dibenz(a,h)acridine
Concen: 29.6970 ppm
RT: 19.177 min Scan# 3200
Delta R.T. -0.000 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:279 Resp: 133308

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	24.4	0.0	52.2

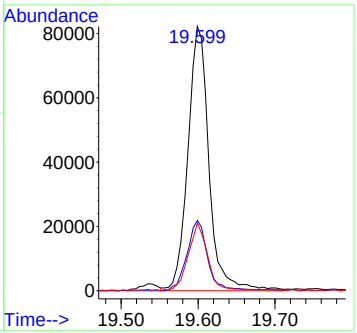


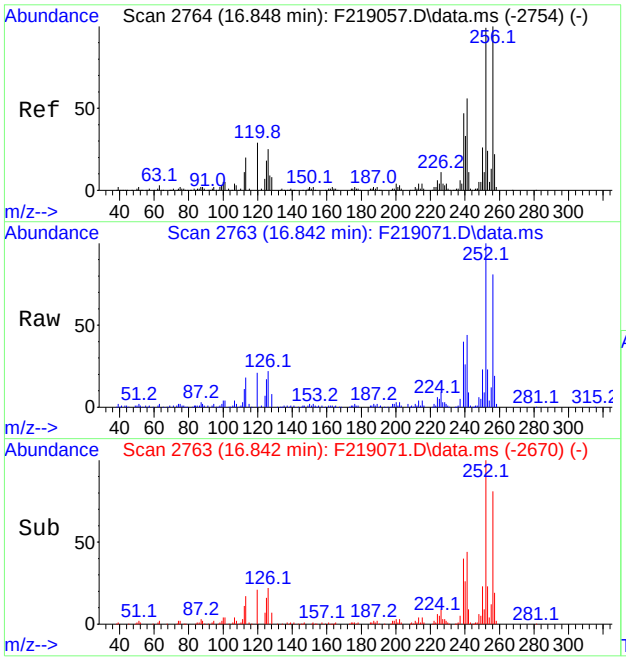


#99
Dibenz[a,h]anthracene
Concen: 28.6194 ppm
RT: 19.599 min Scan# 3279
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:278 Resp: 156892

Ion	Ratio	Lower	Upper
278	100		
139	26.6	0.0	54.8
279	25.7	0.0	54.2

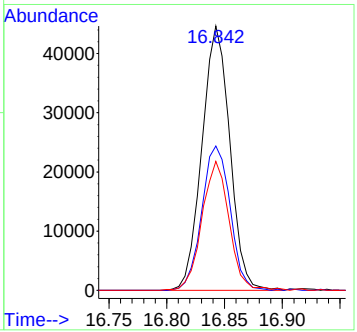


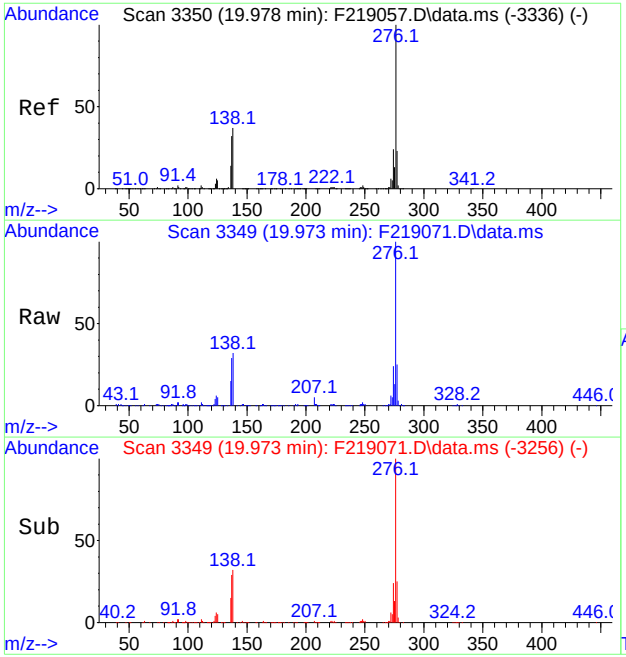


#100
7,12-Dimethylbenz(a)anthracene
Concen: 34.9889 ppm
RT: 16.842 min Scan# 2763
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:256 Resp: 75084

Ion	Ratio	Lower	Upper
256	100		
241	54.6	26.1	86.1
239	48.5	17.0	77.0

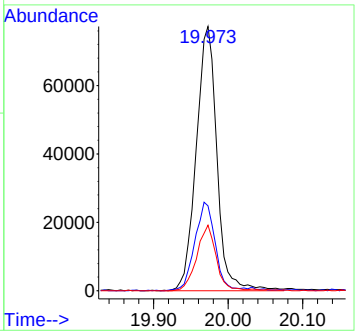


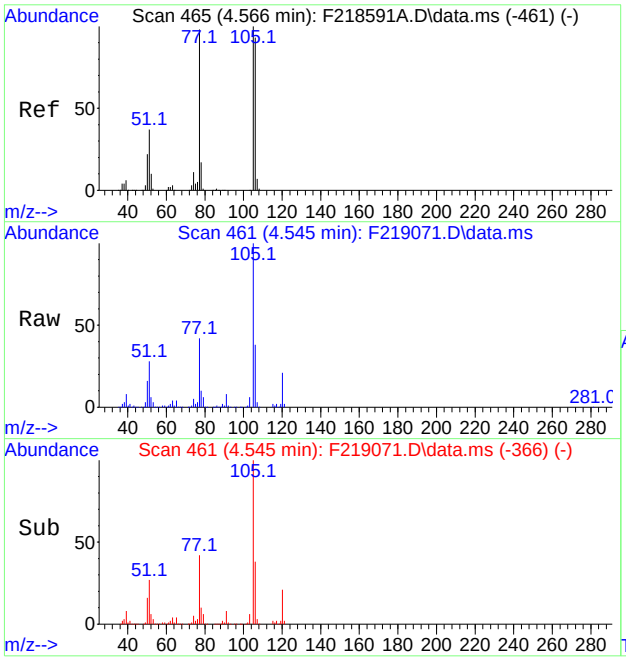


#101
Benzo[g,h,i]perylene
Concen: 26.2311 ppm
RT: 19.973 min Scan# 3349
Delta R.T. -0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:276 Resp: 149672

Ion	Ratio	Lower	Upper
276	100		
138	32.1	6.8	66.8
277	24.7	0.0	53.3

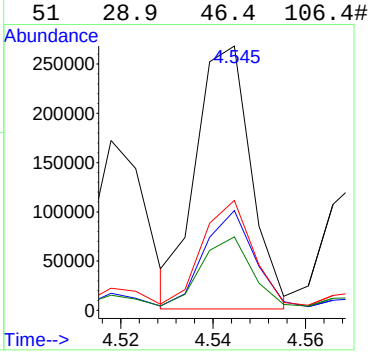


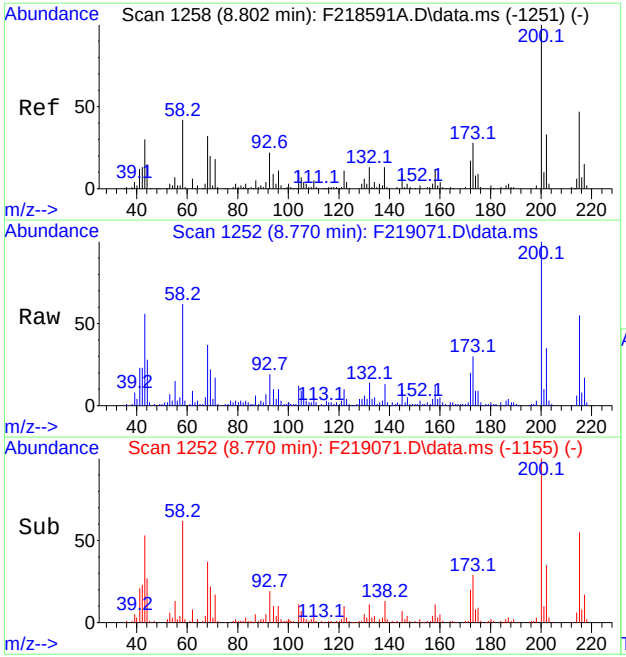


#103
Benzaldehyde
Concen: 111.3080 ppm
RT: 4.545 min Scan# 461
Delta R.T. 0.005 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:105 Resp: 220294

Ion	Ratio	Lower	Upper
105	100		
106	39.5	69.7	129.7#
77	43.4	78.9	138.9#
51	28.9	46.4	106.4#

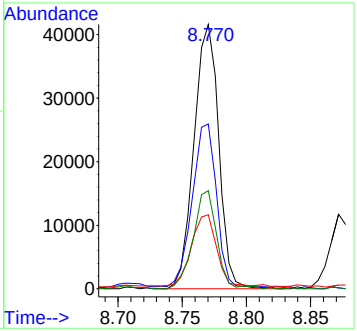


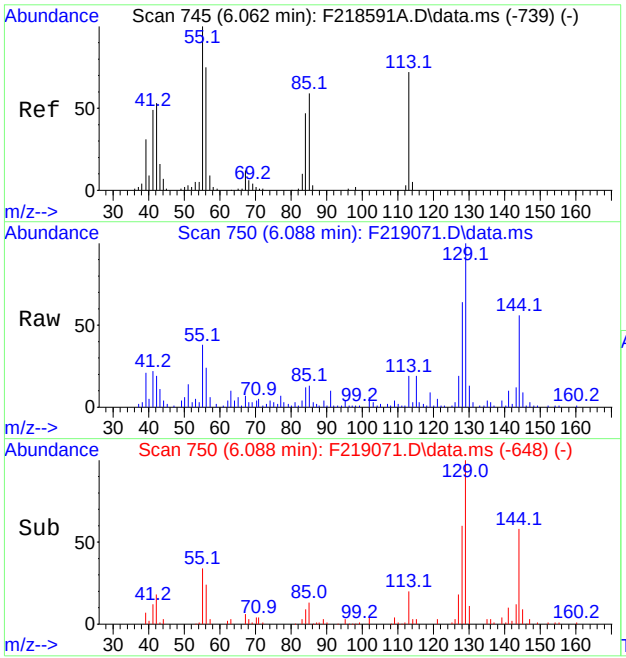


#105
Atrazine
Concen: 44.1329 ppm
RT: 8.770 min Scan# 1252
Delta R.T. 0.016 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion:200 Resp: 55777

Ion	Ratio	Lower	Upper
200	100		
58	61.6	34.8	94.8
44	27.0	0.0	56.5
68	37.1	5.5	65.5

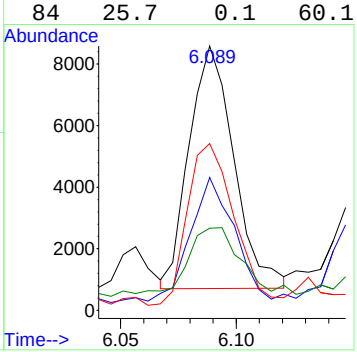




#107
Caprolactam
Concen: 14.9800 ppm
RT: 6.088 min Scan# 750
Delta R.T. 0.043 min
Lab File: F219071.D
Acq: 20 Feb 2024 3:56 pm

Tgt Ion: 55 Resp: 10627

Ion	Ratio	Lower	Upper
55	100		
113	50.0	20.1	80.1
56	67.6	45.9	105.9
84	25.7	0.1	60.1

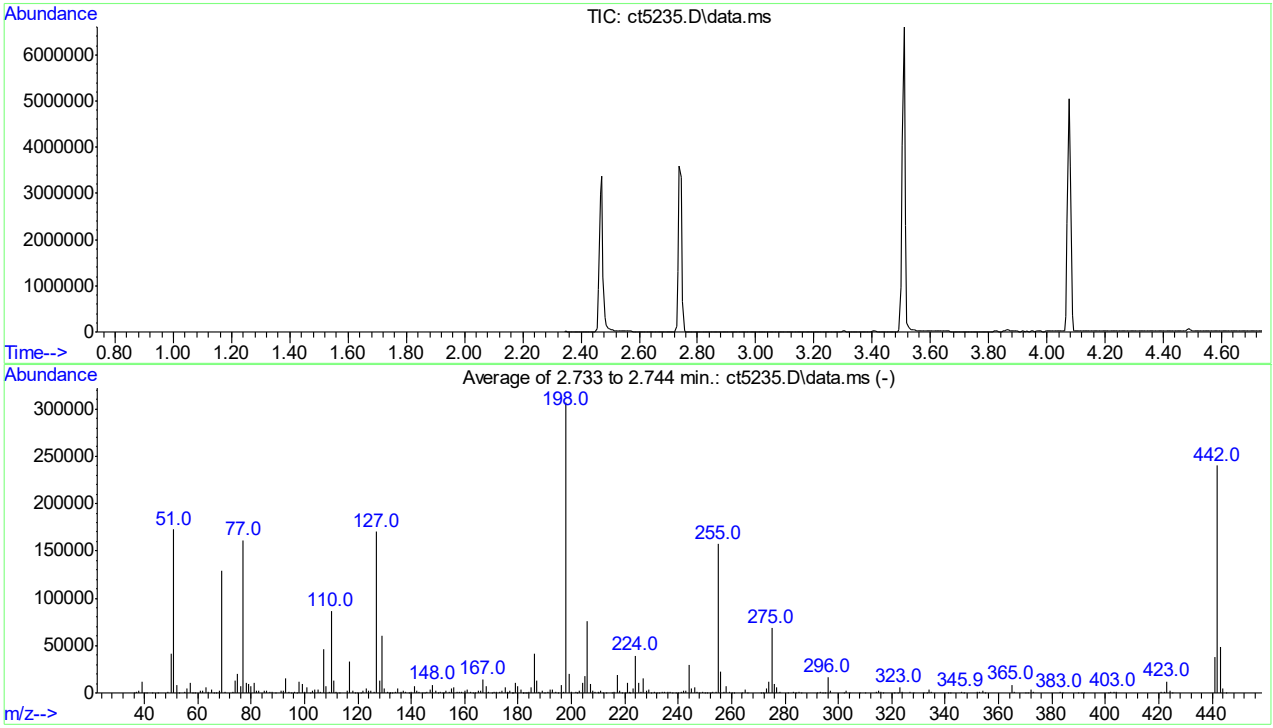


DFTPP

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5235.D
Acq On : 15 Feb 2024 11:58 am
Operator : jackleey
Sample : dftpp
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\dftpp4m.m
Title : Semi Volatile GC/MS,zb-5 30m x .25mm x .50um
Last Update : Sat Apr 01 10:51:56 2023



Spectrum Information: Average of 2.733 to 2.744 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	56.3	172780	PASS
68	69	0.00	2	1.6	2110	PASS
69	198	0.00	100	42.1	129267	PASS
70	69	0.00	2	0.6	735	PASS
127	198	40	60	55.4	170056	PASS
197	198	0.00	1	0.4	1214	PASS
198	198	100	100	100.0	306773	PASS
199	198	5	9	6.7	20585	PASS
275	198	10	30	22.2	68240	PASS
365	198	1	100	2.7	8350	PASS
441	443	0.01	100	77.5	37535	PASS
442	198	40	100	78.2	239992	PASS
443	442	17	23	20.2	48438	PASS

Average of 2.733 to 2.744 min.: ct5235.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	67	52.00	8364	65.00	3131	78.05	10921
36.95	728	53.05	422	66.00	107	79.00	9247
38.00	1981	55.00	722	66.95	255	80.00	6963
39.00	11499	56.00	4247	68.00	2110	81.00	10354
40.00	81	57.00	10830	69.00	129267	82.00	2636
41.00	271	58.00	510	70.00	735	83.00	2794
42.90	104	58.95	208	73.05	1526	84.95	2265
44.90	243	61.00	1851	74.00	12678	85.95	2549
48.95	857	62.00	1998	75.00	20650	87.00	1475
50.00	41403	63.00	5547	76.05	7197	87.95	679
51.00	172780	64.00	836	77.05	161608	89.00	109

Average of 2.733 to 2.744 min.: ct5235.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
91.00	2383	102.00	148	112.95	531	126.05	901
92.00	2654	102.95	1915	116.00	2406	127.00	170056
93.00	15318	104.00	3363	117.00	32989	128.00	12861
94.00	1188	105.00	3245	118.00	2424	129.00	59928
94.90	391	106.00	1183	119.00	259	130.00	5358
96.05	824	107.00	46195	119.95	580	130.95	1066
97.05	309	108.00	7605	121.00	106	131.90	129
98.00	11683	109.10	1313	122.00	2653	132.05	463
99.00	9534	110.00	86848	123.00	4243	132.90	233
100.00	894	111.00	12873	123.95	1963	133.95	1528
101.00	6055	111.95	1353	124.95	2019	135.00	4842

Average of 2.733 to 2.744 min.: ct5235.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
135.95	1810	147.00	3867	157.05	1269	168.00	7590
137.00	2546	148.00	8543	157.95	1288	169.00	1468
138.00	640	149.00	1856	159.00	1163	170.10	332
138.95	219	150.00	529	160.00	2259	170.90	649
139.95	660	150.95	1112	160.95	3533	171.95	1209
141.00	7362	151.70	303	162.00	1070	172.95	1643
141.95	2289	152.00	240	163.00	275	173.95	3006
142.95	1780	153.00	2386	163.95	558	175.05	5898
144.05	341	154.00	1632	165.00	2749	175.90	285
144.95	421	155.00	4225	165.95	2153	176.05	1431
145.95	1311	156.00	6517	167.00	14435	177.00	2374

Average of 2.733 to 2.744 min.: ct5235.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
177.90	576	186.00	42072	197.10	1214	208.00	2463
178.10	368	187.00	12878	198.00	306773	208.95	725
179.00	10835	187.95	1186	199.00	20585	210.00	154
180.00	7618	189.00	2349	200.00	1647	210.25	1027
181.00	3460	190.00	352	201.50	1251	211.00	2955
181.90	140	191.05	1148	202.00	115	211.80	256
182.05	483	192.00	3488	202.95	1881	213.00	101
182.70	120	193.00	3760	204.00	10305	215.00	620
183.00	119	194.00	879	205.00	18153	216.05	1614
183.95	787	194.95	530	206.05	75331	217.00	18746
185.00	5541	196.00	8467	207.00	9847	218.00	2537

Average of 2.733 to 2.744 min.: ct5235.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
218.90	124	229.00	3466	239.95	392	250.90	129
220.20	234	229.95	504	240.95	922	251.95	283
221.00	10914	231.00	1434	241.95	2158	252.95	819
221.70	348	231.95	259	243.00	2188	254.05	1391

dftpp4m.m Fri Feb 16 10:03:02 2024 Page: 2

221.90	1082	232.90	114	244.00	30170	255.00	157131
223.00	4470	234.00	1002	245.05	4401	256.00	22856
224.00	39294	235.00	1062	246.00	5499	257.00	1695
225.00	10580	235.90	845	247.00	1216	258.00	7679
226.05	1061	236.95	1367	248.00	138	259.00	1237
227.00	15148	237.95	208	248.90	1049	259.90	121
228.00	2107	238.95	547	250.00	112	261.00	277

Average of 2.733 to 2.744 min.: ct5235.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
263.90	279	281.00	105	302.00	316	323.00	6000
265.00	3082	283.00	780	303.00	1976	324.00	1095
265.85	318	284.00	332	304.05	581	326.95	1171
271.00	306	285.00	975	308.00	121	328.00	502
271.95	444	286.00	125	310.00	255	331.95	402
273.00	4602	292.05	293	314.00	896	333.00	559
274.00	12332	293.00	1293	314.95	1835	334.00	4143
275.00	68240	293.95	346	316.00	1211	334.95	822
276.00	9056	295.05	374	316.90	109	341.00	601
277.00	5449	296.00	17182	321.00	587	342.00	121
278.00	782	297.00	2456	322.00	278	345.90	1376

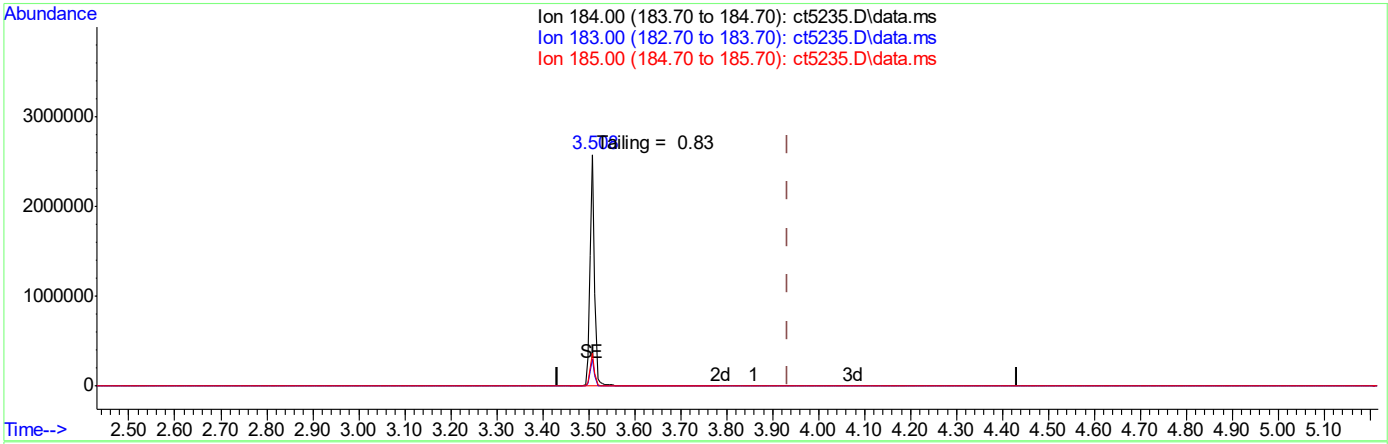
Average of 2.733 to 2.744 min.: ct5235.D\data.ms
dftpp
Modified:subtracted

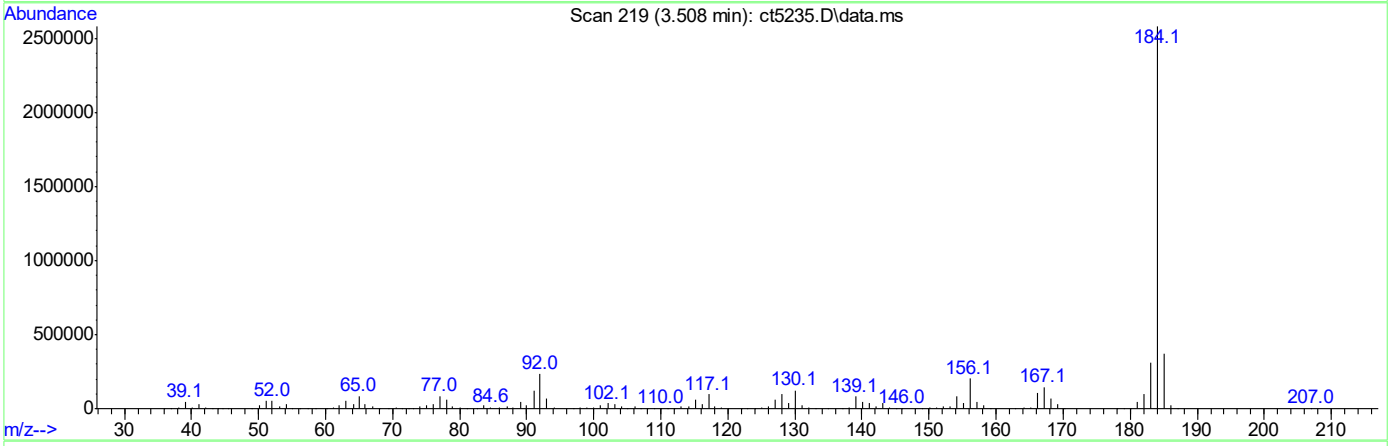
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
346.90	109	383.00	820	423.00	11997		
352.00	1798	384.00	130	424.00	2477		
353.00	1379	389.95	404	425.00	346		
354.00	2024	391.10	173	441.00	37535		
355.00	337	391.90	169	442.00	239992		
365.00	8350	400.90	105	443.00	48438		
365.95	1299	401.95	1347	444.00	4621		
369.90	131	403.00	1729	445.00	144		
371.00	551	403.95	686				
372.00	3369	420.95	1684				
373.00	783	422.00	1508				

Quantitation Report (Qedit)

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5235.D
Acq On : 15 Feb 2024 11:58 am
Operator : jackleey
Sample : dftpp
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 16 09:00:32 2024
Quant Method : D:\MassHunter\GCMS\1\methods\dftppCT.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Tue Oct 11 20:49:59 2022
Response via : Initial Calibration





TIC: ct5235.D\data.ms

(2) Benzidine (t)

3.508min (-0.426) 0.00ppb m

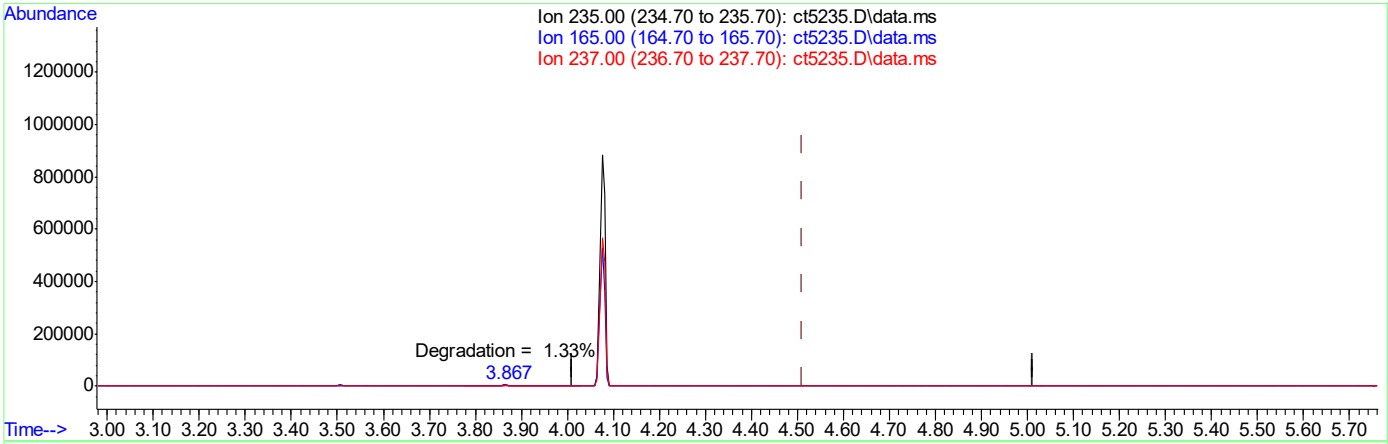
response 1855352

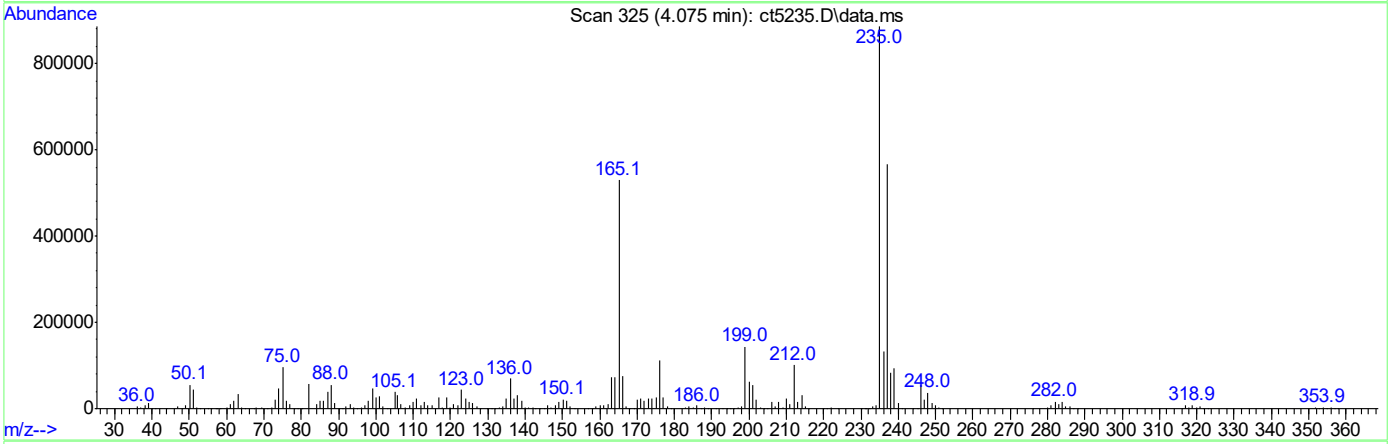
Ion	Exp%	Act%
184.00	100	100
183.00	12.30	12.01
185.00	15.60	14.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5235.D
Acq On : 15 Feb 2024 11:58 am
Operator : jackleey
Sample : dftpp
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 16 09:00:32 2024
Quant Method : D:\MassHunter\GCMS\1\methods\dftppCT.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Tue Oct 11 20:49:59 2022
Response via : Initial Calibration





TIC: ct5235.D\data.ms

(3) PP-DDT (t)

4.075min (-0.437) 0.00ppb m

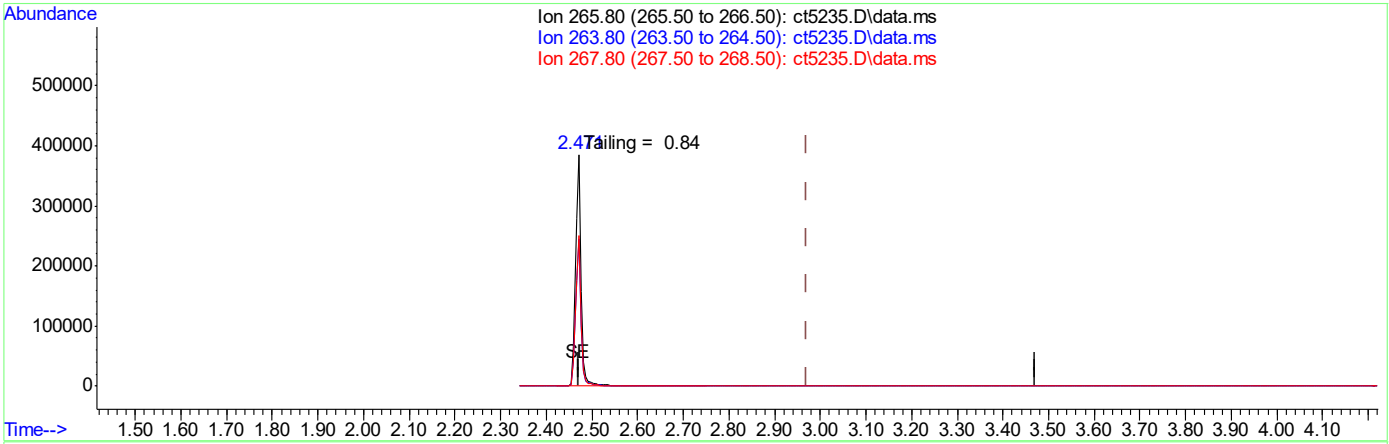
response 675252

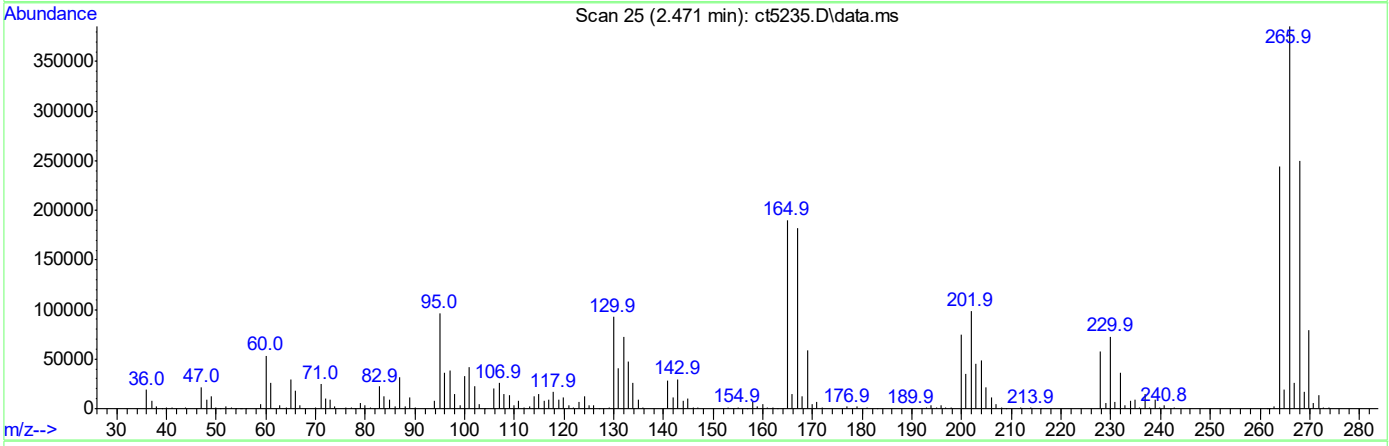
Ion	Exp%	Act%
235.00	100	100
165.00	70.70	0.00#
237.00	66.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5235.D
Acq On : 15 Feb 2024 11:58 am
Operator : jackleey
Sample : dftpp
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 16 09:00:32 2024
Quant Method : D:\MassHunter\GCMS\1\methods\dftppCT.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Tue Oct 11 20:49:59 2022
Response via : Initial Calibration





TIC: ct5235.D\data.ms

(1) Pentachlorophenol (t)

2.471min (-0.501) 0.00ppb m

response 317691

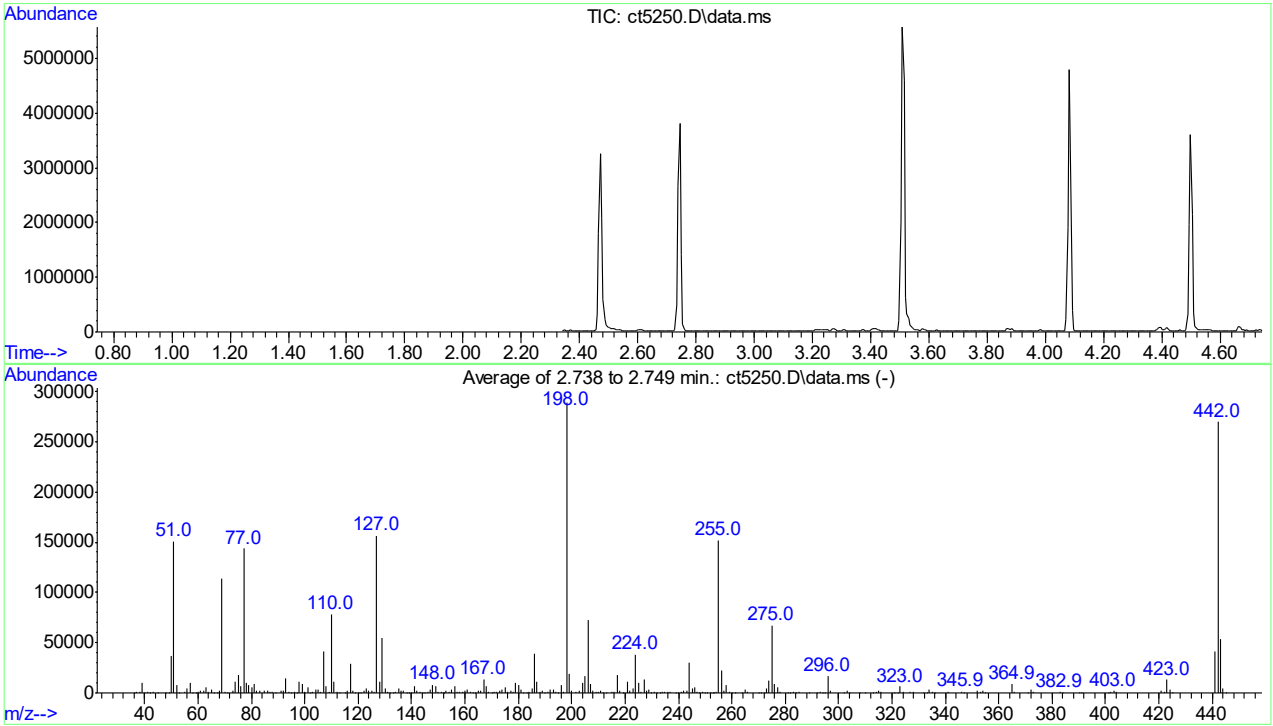
Ion	Exp%	Act%
265.80	100	100
263.80	61.10	63.46
267.80	63.50	64.87
0.00	0.00	0.00

DFTPP

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5250.D
Acq On : 16 Feb 2024 10:19 am
Operator : anthonyo
Sample : dftpp
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\dftpp4m.m
Title : Semi Volatile GC/MS,zb-5 30m x .25mm x .50um
Last Update : Fri Feb 16 11:25:58 2024



AutoFind: Scans 75, 76, 77; Background Corrected with Scan 70

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	52.2	150896	PASS
68	69	0.00	2	1.6	1846	PASS
69	198	0.00	100	39.5	113987	PASS
70	69	0.00	2	0.6	733	PASS
127	198	40	60	54.1	156283	PASS
197	198	0.00	1	0.4	1053	PASS
198	198	100	100	100.0	288853	PASS
199	198	5	9	6.8	19528	PASS
275	198	10	30	23.2	67080	PASS
365	198	1	100	3.0	8571	PASS
441	443	0.01	100	78.7	41733	PASS
442	198	40	100	93.3	269533	PASS
443	442	17	23	19.7	53056	PASS

Average of 2.738 to 2.749 min.: ct5250.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	12	50.00	36560	62.00	1943	74.00	11277
37.00	614	50.95	150896	63.00	5156	75.00	18250
38.05	1578	52.10	7727	64.00	706	76.05	6501
39.00	10547	53.00	569	65.00	2926	77.05	143352
39.90	223	55.00	1282	65.90	120	78.05	10046
41.00	1434	56.00	4496	67.00	436	79.00	8104
42.00	376	57.00	10128	68.05	1846	80.00	5940
43.05	954	57.95	437	69.00	113987	81.00	9430
44.95	480	59.00	106	70.00	733	81.95	2447
47.90	122	60.00	784	71.05	475	83.00	2642
49.00	389	61.00	1901	73.00	2575	85.00	1985

Average of 2.738 to 2.749 min.: ct5250.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
85.95	2261	98.00	10839	109.05	1199	121.05	252
87.00	1302	99.00	8657	110.00	78133	122.00	2413
87.95	642	100.00	863	111.00	11705	123.00	4041
88.90	128	101.00	5415	112.00	1429	124.00	1936
91.00	2064	101.95	277	112.95	440	124.95	1743
92.00	2198	103.00	1578	115.00	118	126.10	840
93.00	14131	104.00	3231	116.00	2006	127.00	156283
93.95	1085	105.00	3168	117.00	29187	128.00	11740
94.95	78	106.00	1165	118.00	2270	129.00	55144
96.00	848	107.00	41224	118.95	319	130.00	4657
97.00	455	108.00	6746	120.00	492	131.00	1044

Average of 2.738 to 2.749 min.: ct5250.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
131.95	571	143.00	1604	153.00	1964	163.90	315
132.90	356	144.00	398	154.00	1705	165.00	2517
133.95	1357	144.90	364	155.00	3814	166.00	2131
135.00	4219	146.00	1043	156.00	6228	167.00	13839
136.00	1860	147.00	3762	157.05	1202	168.00	7273
137.05	2544	148.00	7979	157.90	1185	168.95	1308
137.95	452	149.00	6875	158.95	1017	170.05	361
139.00	273	150.00	970	160.00	1992	171.00	649
139.95	531	151.10	1098	161.00	3097	171.95	1188
141.00	6482	151.85	285	162.00	949	173.00	1782
142.00	2242	152.10	194	163.05	262	174.00	3033

Average of 2.738 to 2.749 min.: ct5250.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
175.00	5638	186.00	39411	197.05	1053	209.05	818
176.00	1573	187.00	11203	198.00	288853	210.10	1111
177.00	2544	188.05	1171	199.00	19528	211.00	2814
177.95	992	189.00	2234	199.95	1752	211.60	124
179.00	9711	190.00	149	201.50	1405	213.05	261
180.00	7488	191.00	1088	203.00	1796	214.95	655
181.00	3466	192.00	3143	204.00	9998	216.00	1500
182.00	397	193.00	3856	205.00	16810	217.00	17957
182.95	232	194.05	844	206.05	72032	218.00	2354
184.00	855	195.05	493	207.00	9282	219.00	172
185.00	4856	196.00	8164	208.00	2149	221.00	11139

Average of 2.738 to 2.749 min.: ct5250.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
221.75	2042	233.00	155	245.05	4228	255.00	151749
223.00	4135	233.90	877	246.00	5516	256.00	22662
224.00	38019	234.95	1100	246.95	976	256.95	1716
225.00	9721	236.00	719	247.90	136	258.00	7645

dftpp4m.m Fri Feb 16 13:36:48 2024 Page: 2

226.00	1014	237.00	1328	248.90	951	259.00	1195
227.00	13967	239.00	570	249.90	137	260.00	125
228.00	2239	239.95	371	250.80	140	261.00	122
229.00	3197	240.95	848	252.00	176	263.90	278
229.90	381	242.00	2018	252.90	228	265.00	3141
230.95	1393	243.05	2032	253.05	589	265.90	786
231.95	264	244.05	29773	254.00	1299	270.00	112

Average of 2.738 to 2.749 min.: ct5250.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
270.90	296	284.00	465	304.00	575	326.90	1174
272.00	477	285.00	1048	308.00	162	327.95	621
273.00	4698	288.80	106	310.00	131	331.95	423
274.00	12040	292.00	128	313.00	100	333.00	604
275.00	67080	292.95	1337	314.00	858	334.00	3939
276.00	9281	293.95	342	314.95	1994	335.05	983
277.00	5467	295.00	243	316.00	1015	335.90	106
277.90	881	296.00	17083	321.00	559	340.95	762
281.00	248	297.00	2281	321.90	277	345.90	1424
281.90	111	302.00	174	323.00	6219	347.00	110
283.00	644	303.00	2124	324.00	1151	351.95	1818

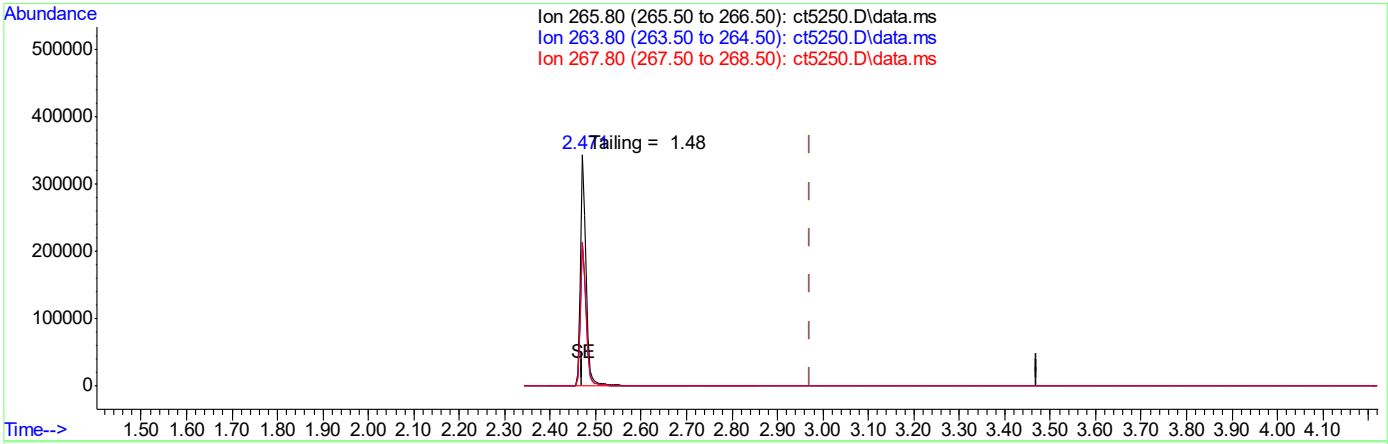
Average of 2.738 to 2.749 min.: ct5250.D\data.ms
dftpp
Modified:subtracted

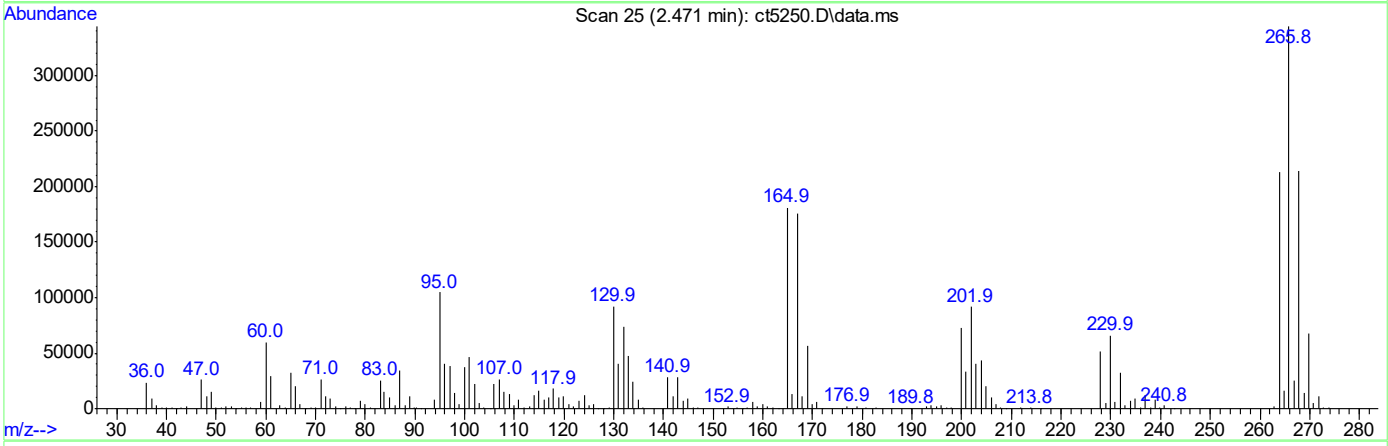
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
353.00	1279	391.00	257	442.00	269533		
354.00	2041	401.00	136	443.00	53056		
354.95	431	402.00	1507	444.00	4645		
364.95	8571	403.00	2151	444.95	240		
365.90	1324	404.00	721				
371.00	509	420.95	1884				
372.00	3556	422.00	1662				
373.00	758	423.00	12986				
382.95	977	424.00	2917				
383.90	106	425.00	174				
390.00	350	441.00	41733				

Quantitation Report (Qedit)

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5250.D
Acq On : 16 Feb 2024 10:19 am
Operator : anthonyo
Sample : dftpp
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 16 10:34:13 2024
Quant Method : D:\MassHunter\GCMS\1\methods\dftppCT.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Tue Oct 11 20:49:59 2022
Response via : Initial Calibration





TIC: ct5250.D\data.ms

(1) Pentachlorophenol (t)

2.471min (-0.501) 0.00ppb m

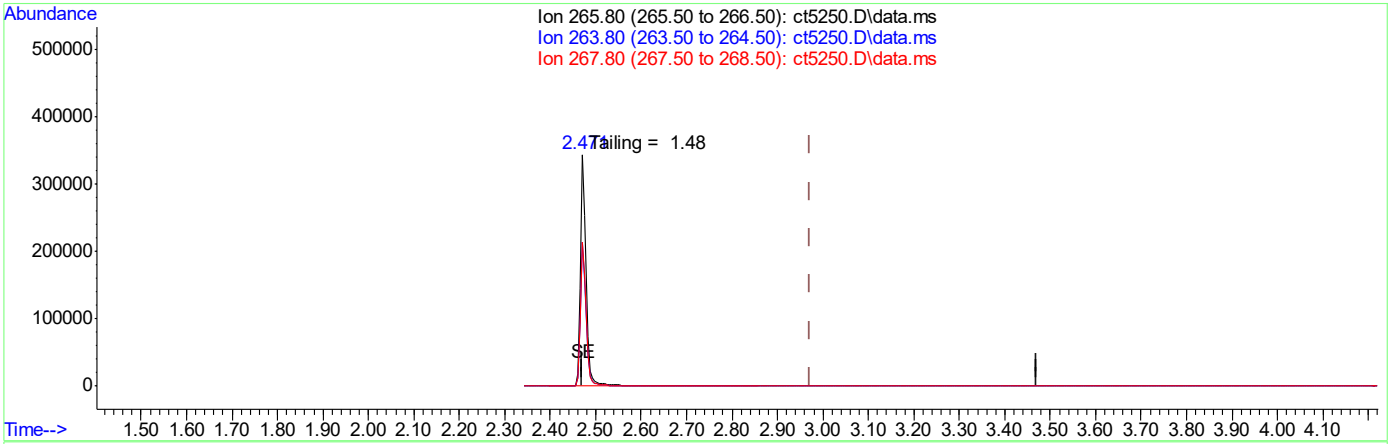
response 298951

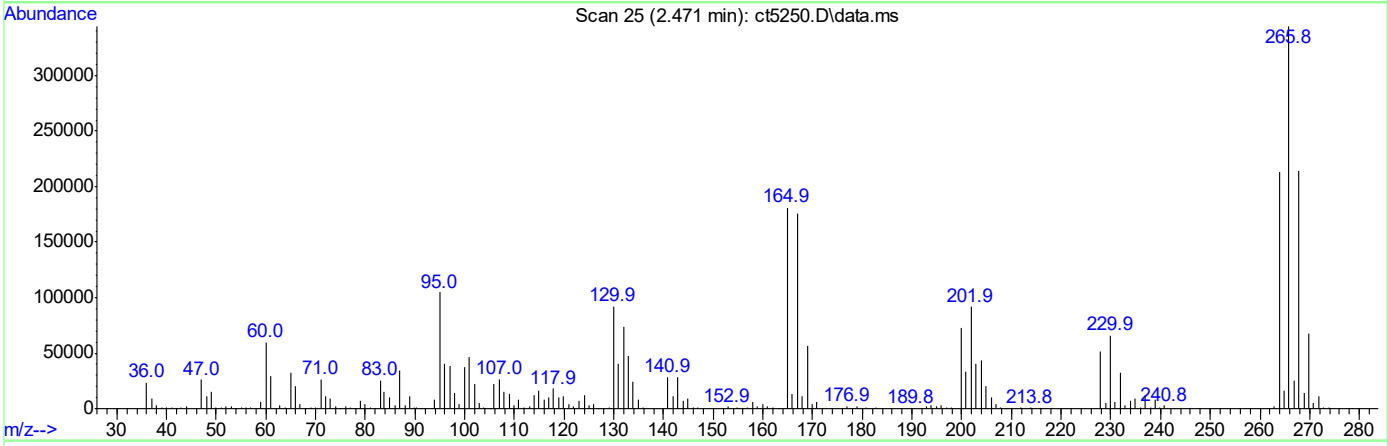
Ion	Exp%	Act%
265.80	100	100
263.80	61.10	61.93
267.80	63.50	62.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5250.D
Acq On : 16 Feb 2024 10:19 am
Operator : anthonyo
Sample : dftpp
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 16 10:34:13 2024
Quant Method : D:\MassHunter\GCMS\1\methods\dftppCT.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Tue Oct 11 20:49:59 2022
Response via : Initial Calibration





TIC: ct5250.D\data.ms

(1) Pentachlorophenol (t)

2.471min (-0.501) 0.00ppb m

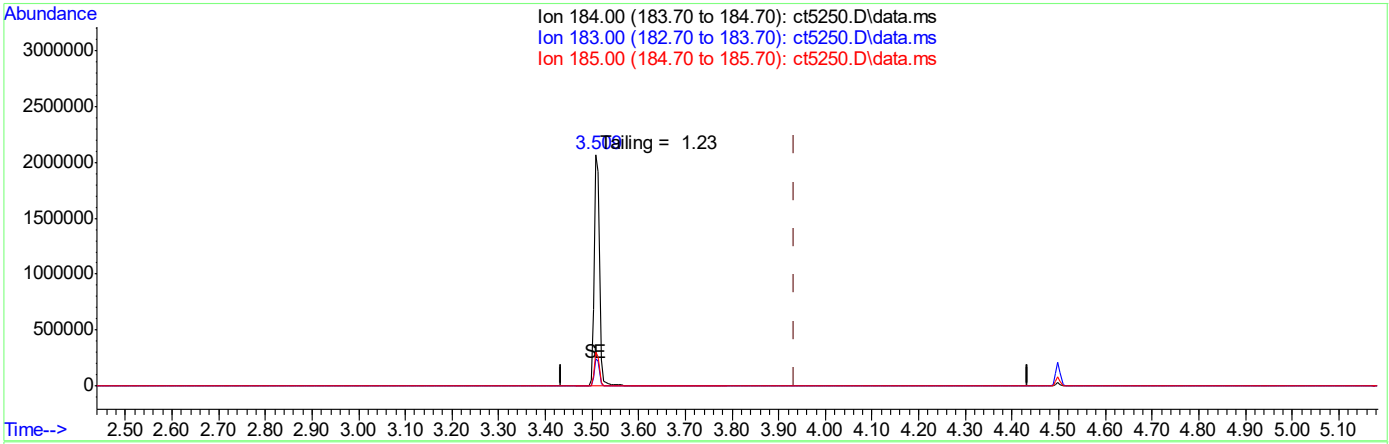
response 298951

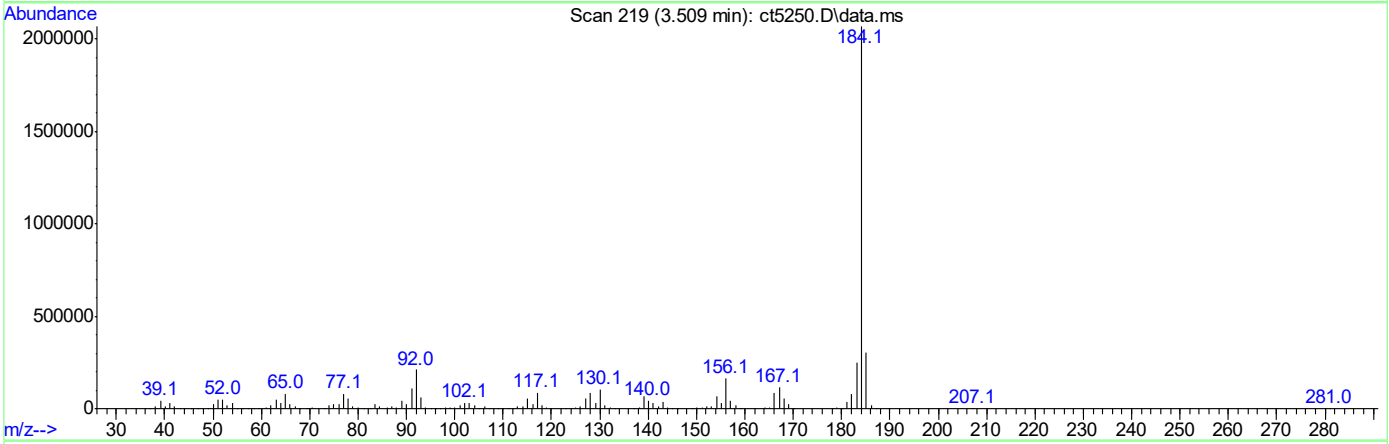
Ion	Exp%	Act%
265.80	100	100
263.80	61.10	61.93
267.80	63.50	62.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5250.D
Acq On : 16 Feb 2024 10:19 am
Operator : anthonyo
Sample : dftpp
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 16 10:34:13 2024
Quant Method : D:\MassHunter\GCMS\1\methods\dftppCT.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Tue Oct 11 20:49:59 2022
Response via : Initial Calibration





TIC: ct5250.D\data.ms

(2) Benzidine (t)

3.509min (-0.426) 0.00ppb m

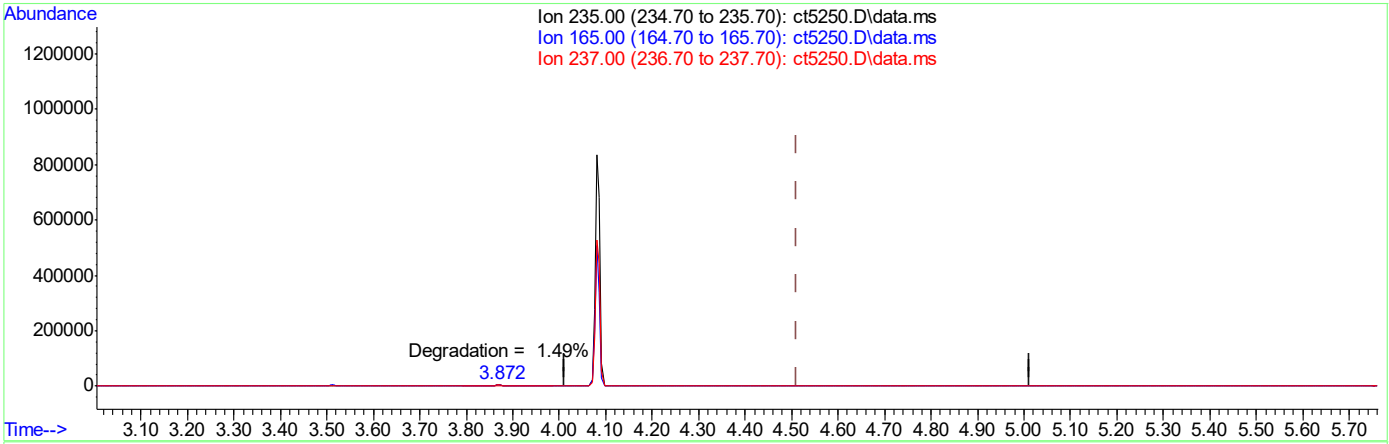
response 1683811

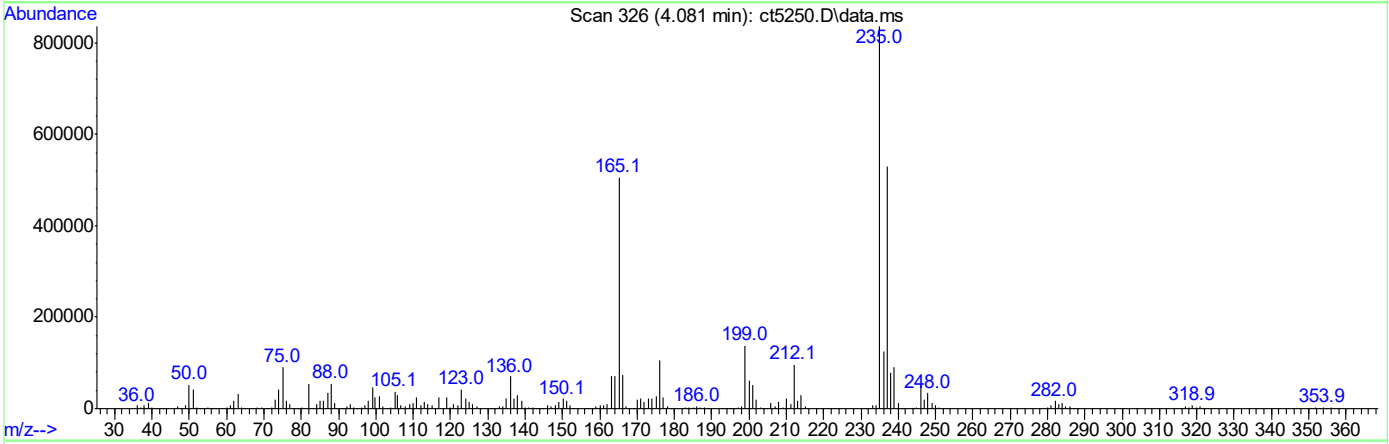
Ion	Exp%	Act%
184.00	100	100
183.00	12.30	11.95
185.00	15.60	14.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5250.D
Acq On : 16 Feb 2024 10:19 am
Operator : anthonyo
Sample : dftpp
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 16 10:34:13 2024
Quant Method : D:\MassHunter\GCMS\1\methods\dftppCT.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Tue Oct 11 20:49:59 2022
Response via : Initial Calibration





TIC: ct5250.D\data.ms

(3) PP-DDT (t)

4.081min (-0.431) 0.00ppb m

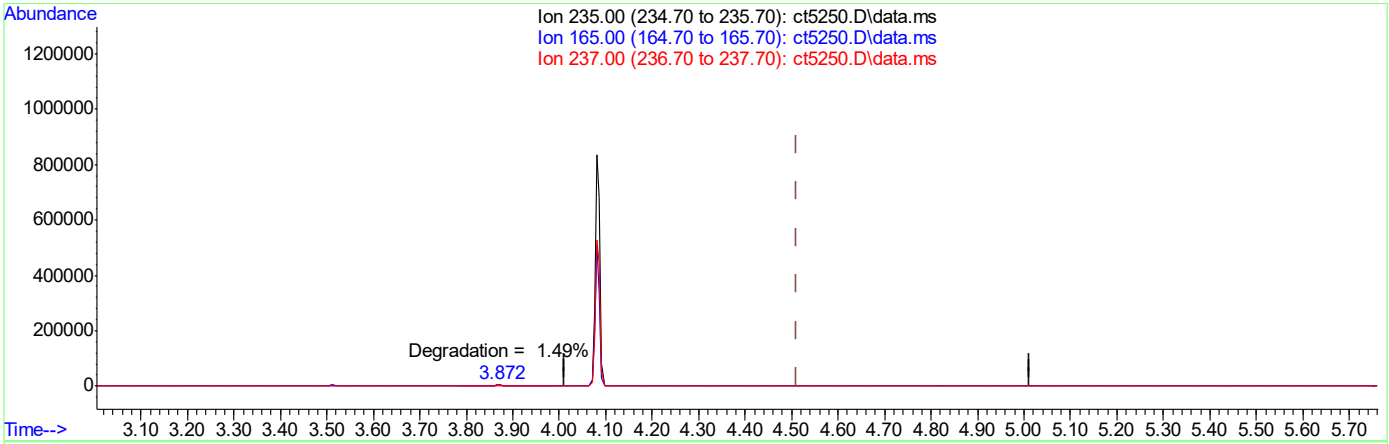
response 612424

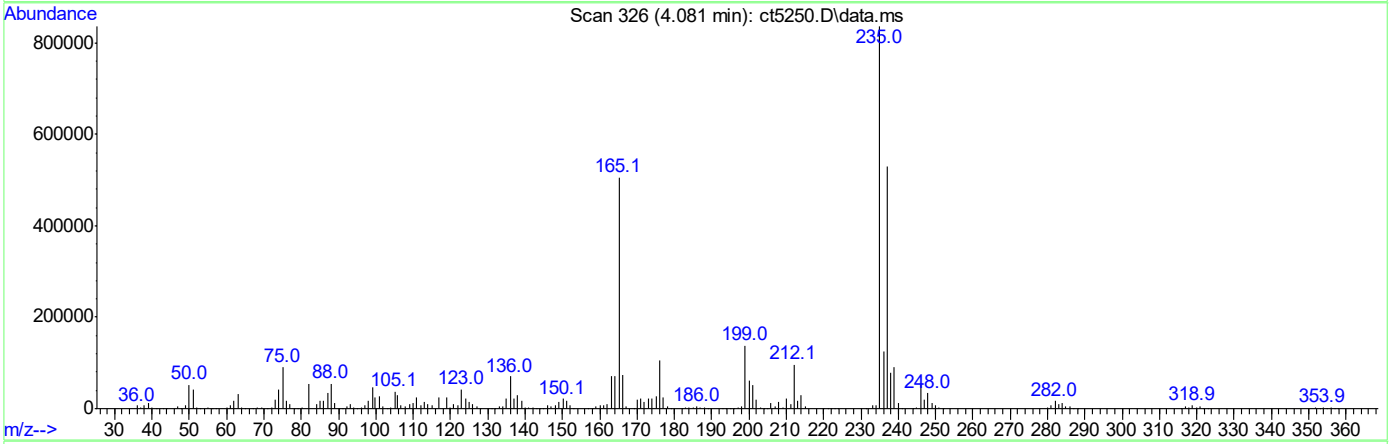
Ion	Exp%	Act%
235.00	100	100
165.00	70.70	0.00#
237.00	66.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5250.D
Acq On : 16 Feb 2024 10:19 am
Operator : anthonyo
Sample : dftpp
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 16 10:34:13 2024
Quant Method : D:\MassHunter\GCMS\1\methods\dftppCT.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Tue Oct 11 20:49:59 2022
Response via : Initial Calibration





TIC: ct5250.D\data.ms

(3) PP-DDT (t)

4.081min (-0.431) 0.00ppb m

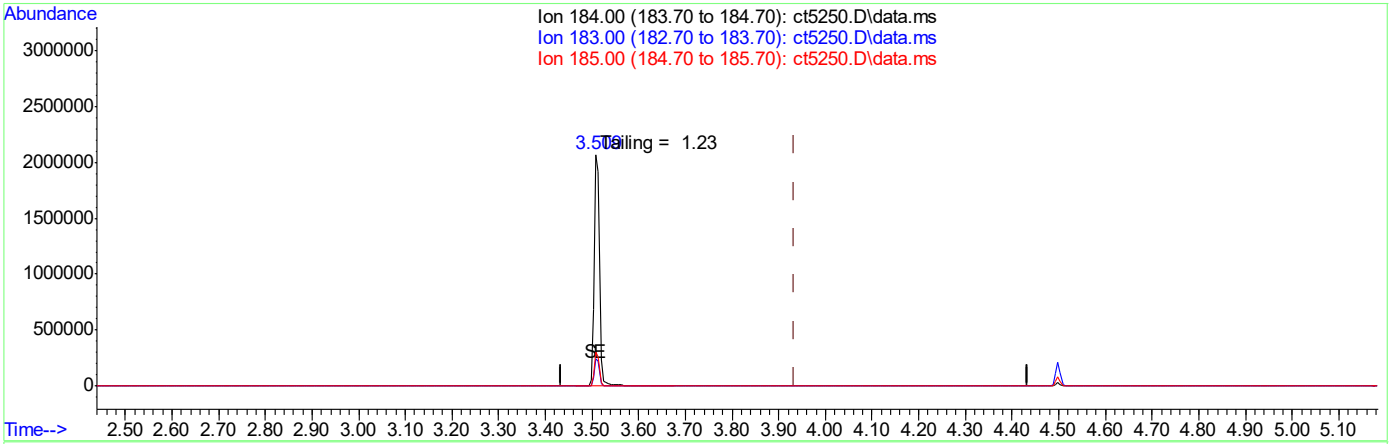
response 612424

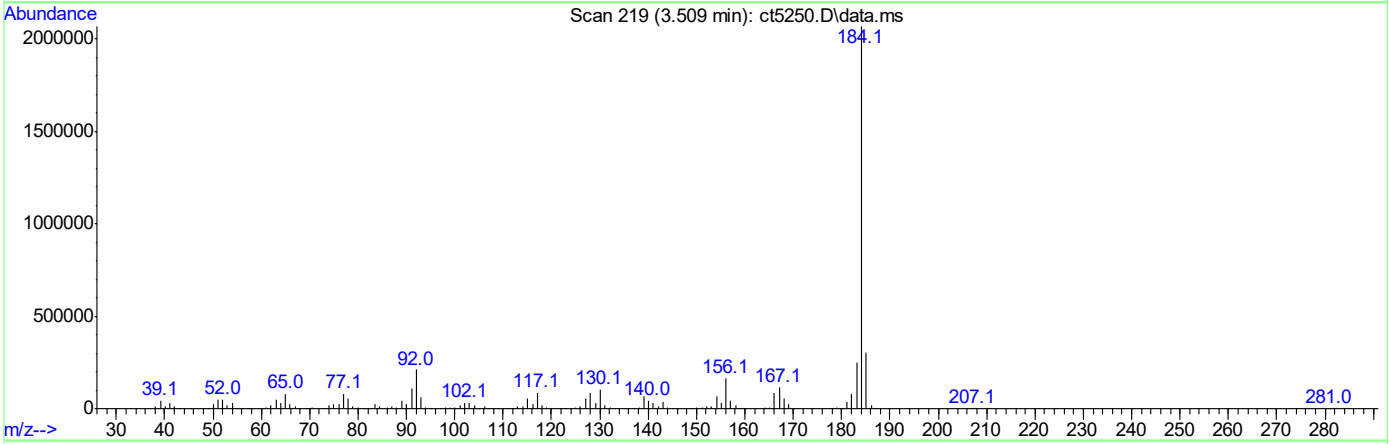
Ion	Exp%	Act%
235.00	100	100
165.00	70.70	0.00#
237.00	66.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\gbs\Dayton\ccv check\
Data File : ct5250.D
Acq On : 16 Feb 2024 10:19 am
Operator : anthonyo
Sample : dftpp
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 16 10:34:13 2024
Quant Method : D:\MassHunter\GCMS\1\methods\dftppCT.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Tue Oct 11 20:49:59 2022
Response via : Initial Calibration





TIC: ct5250.D\data.ms

(2) Benzidine (t)

3.509min (-0.426) 0.00ppb m

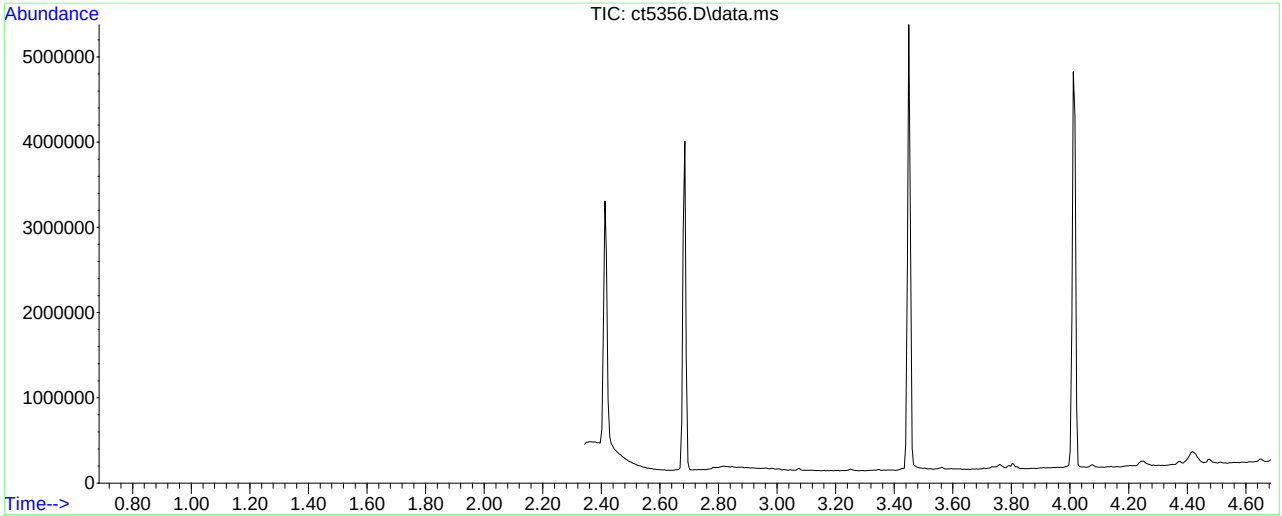
response 1683811

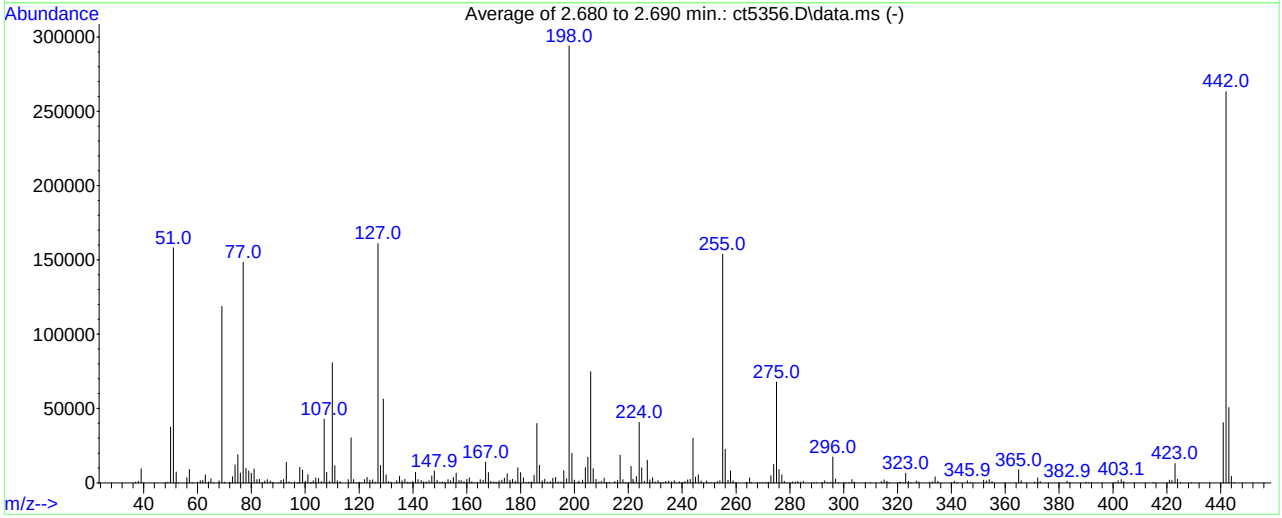
Ion	Exp%	Act%
184.00	100	100
183.00	12.30	11.95
185.00	15.60	14.59
0.00	0.00	0.00

DFTPP

Data File : X:\Dayton SVOA GCMS\...21-24\ect272\ct5356.D Vial: 1
Acq On : 21 Feb 2024 09:21 am Operator: karimam
Sample : dftpp Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : X:\Dayton SVOA G...ethods\dftpp6p.m (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um





AutoFind: Scans 64, 65, 66; Background Corrected with Scan 59

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	53.8	158145	PASS
68	69	0.00	2	1.3	1488	PASS
69	198	0.00	100	40.4	118766	PASS
70	69	0.00	2	0.4	442	PASS
127	198	40	60	54.8	161041	PASS
197	198	0.00	1	0.9	2681	PASS
198	198	100	100	100.0	293909	PASS
199	198	5	9	6.8	20002	PASS
275	198	10	30	23.1	67747	PASS
365	198	1	100	3.0	8711	PASS
441	443	0.10	100	79.8	40472	PASS
442	198	40	100	89.5	263189	PASS
443	442	17	23	19.3	50717	PASS

ct5356.D dftpp6p.m Wed Feb 21 17:27:25 2024

Average of 2.680 to 2.690 min.: ct5356.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	528	58.00	315	71.90	110	82.00	2239
38.00	1097	60.00	334	72.10	105	83.00	2274
39.05	9493	61.00	1513	73.00	4027	83.95	22
48.00	102	62.00	1685	73.95	12047	85.00	1272
49.00	510	62.95	5303	75.00	18963	85.90	2174
50.00	37397	64.00	625	75.95	6496	87.00	1180
51.00	158145	65.00	2676	77.00	148333	88.00	244
52.05	7276	66.00	46	78.00	9789	90.00	102
53.00	138	68.00	1488	79.00	8034	91.00	1636
56.00	3460	69.00	118766	79.95	6479	91.95	2217
57.00	9049	70.00	442	81.00	9373	93.00	13867

Average of 2.680 to 2.690 min.: ct5356.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.00	727	105.00	3015	118.00	2099	129.00	56371
95.00	71	106.00	911	119.05	116	130.00	5396
95.95	655	107.00	42981	120.00	556	130.95	839
97.00	7	108.00	7059	121.00	121	131.95	433
98.00	10516	109.00	859	122.00	2194	134.00	1436
99.00	8510	110.00	80877	123.00	3743	135.00	4492
100.05	1017	111.00	11548	124.00	1793	135.95	1506
101.00	5565	111.95	1353	125.00	1906	137.00	2412
101.90	15	113.00	796	126.00	460	138.00	400
102.95	1468	116.00	2185	127.00	161041	138.90	257
103.95	3290	117.00	30351	128.00	11584	139.95	796

Average of 2.680 to 2.690 min.: ct5356.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
141.00	7115	151.90	438	163.00	83	173.00	1854
141.95	2155	153.00	2229	164.00	567	174.00	3132
143.00	1635	154.00	1473	165.00	2129	175.05	6201
144.00	580	155.00	3781	166.00	1851	176.05	1833
144.95	760	156.05	6482	167.00	13958	176.95	2383
146.00	1456	157.05	1533	168.00	6899	178.00	1111
147.00	4647	157.95	1479	168.95	1107	179.00	10160
147.95	8075	159.00	893	170.00	647	180.00	6925
149.00	1879	160.00	2392	170.85	570	181.00	3283
150.00	474	161.00	3347	171.10	121	181.95	352
151.00	752	161.90	818	171.95	1371	183.00	571

Average of 2.680 to 2.690 min.: ct5356.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
183.95	620	193.00	3610	204.00	10309	215.00	860
184.20	112	194.00	733	205.00	17303	216.05	1578
185.00	4929	195.00	709	206.00	74869	217.00	18618
186.00	39843	196.00	8165	207.00	9479	218.00	2268
187.00	11722	197.05	2681	208.00	2326	218.90	227
188.05	1338	198.00	293909	209.00	607	220.10	113
189.00	2394	199.00	20002	210.00	1076	221.00	11114
189.95	434	200.00	1809	211.00	3058	221.75	2317
190.90	90	201.20	222	211.80	201	222.10	564
191.05	916	201.60	1319	212.10	129	223.00	4220
192.00	3185	203.00	1867	213.00	323	224.00	40579

Average of 2.680 to 2.690 min.: ct5356.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
225.00	10188	235.95	729	247.00	1296	258.90	1333
226.05	1136	237.00	1469	249.00	1175	259.90	157
227.00	15109	238.00	123	250.00	127	263.75	275
227.95	1987	239.00	761	251.00	181	264.00	286
229.00	3459	240.00	380	252.00	341	265.00	3342
229.95	583	240.95	925	253.05	873	265.80	338
231.00	1503	242.00	2062	254.05	1381	267.85	236
231.95	259	243.00	2372	255.00	153901	268.90	101
232.95	269	244.00	30053	256.00	22518	269.90	132
233.95	1070	245.00	3946	257.00	1737	271.05	278
235.00	1224	245.95	5416	258.00	8025	271.95	415

Average of 2.680 to 2.690 min.: ct5356.D\data.ms

dftpp6p.m Wed Feb 21 17:27:13 2024 Page: 0

dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
273.00	4823	285.05	1011	301.95	336	322.00	306
274.00	12359	289.00	153	303.00	2178	323.00	6382
275.00	67747	289.90	165	303.90	437	324.05	1098
276.00	8940	291.90	130	308.00	130	325.00	101
277.00	5299	292.90	1398	309.90	136	326.95	1299
277.95	1009	294.00	259	314.00	901	327.95	675
278.90	130	295.00	437	315.00	1958	331.90	451
280.95	596	296.00	17543	316.00	1151	333.00	653
282.00	428	297.00	2589	317.00	235	334.00	4021
282.95	880	298.00	137	320.80	160	335.00	1006
284.00	535	300.90	125	320.95	538	341.05	1055

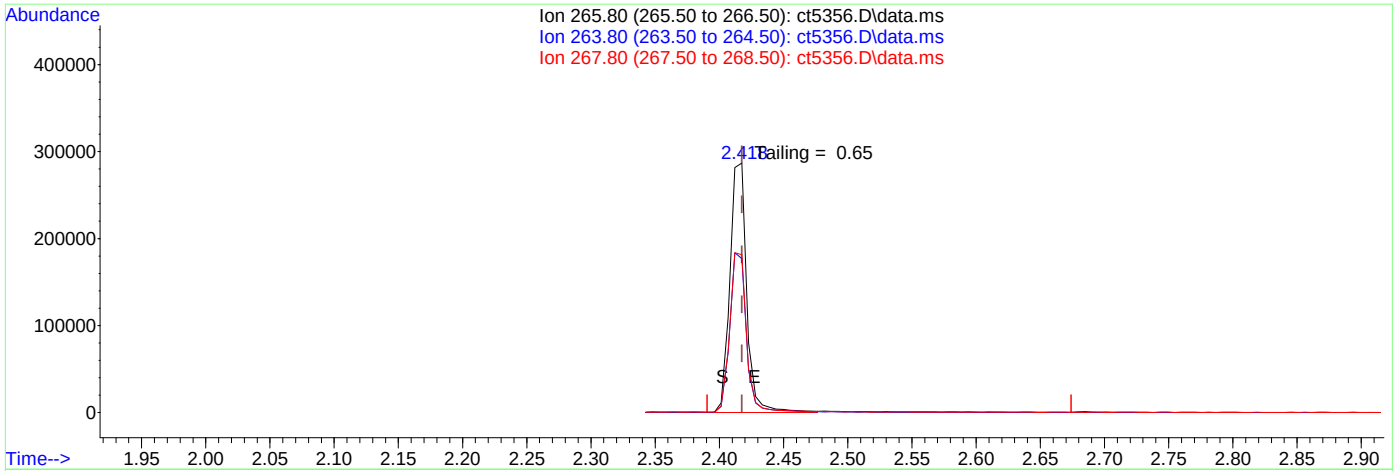
Average of 2.680 to 2.690 min.: ct5356.D\data.ms
dftpp
Modified:subtracted

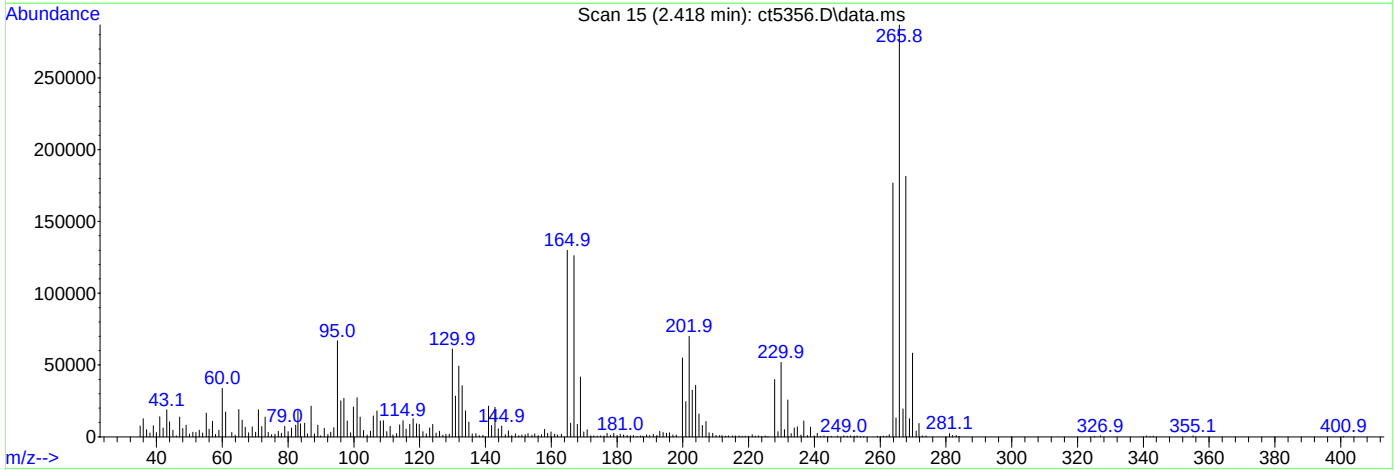
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
342.05	217	372.95	922	421.00	1902		
345.95	1433	382.95	1010	421.95	1818		
346.95	256	384.00	285	423.00	12923		
352.00	1903	389.95	471	424.00	2459		
352.95	1263	391.00	145	425.00	148		
354.00	2223	391.95	279	429.10	125		
355.05	805	400.90	270	441.00	40472		
365.00	8711	401.95	1450	442.00	263189		
365.95	1389	403.05	2120	443.00	50717		
370.95	554	403.95	829	444.00	4471		
372.00	3299	414.90	219	445.00	126		

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5356.D
Acq On : 21 Feb 2024 09:21 am
Operator : karimam
Sample : dftpp Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 21 17:26:39 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\dftpp6p.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Wed Feb 21 17:26:34 2024
Response via : Initial Calibration





TIC: ct5356.D\data.ms

(1) Pentachlorophenol (t)

2.418min (0.000) 0.00ppb

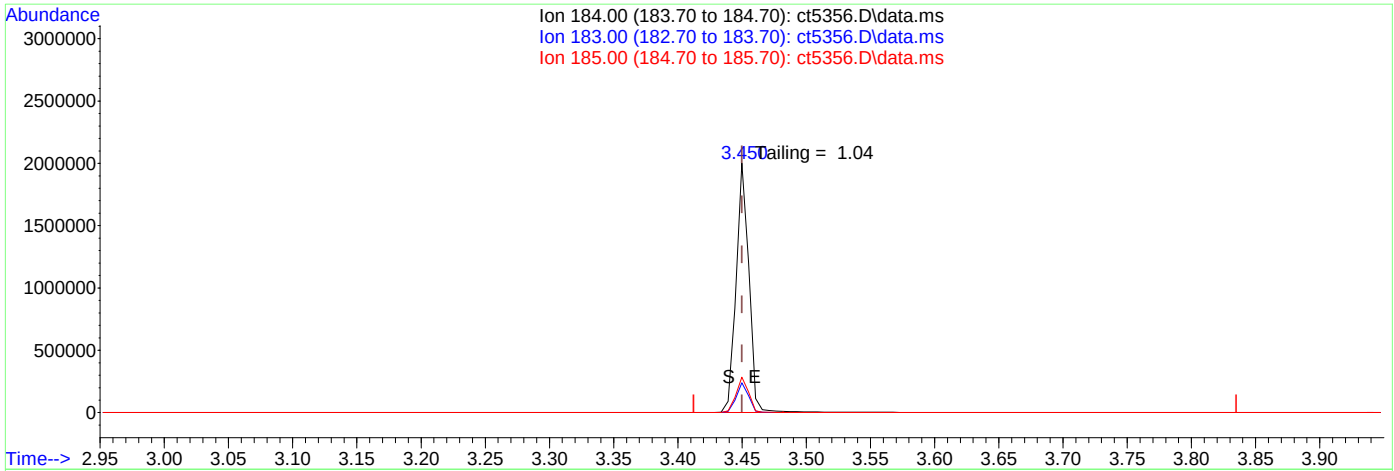
response 272166

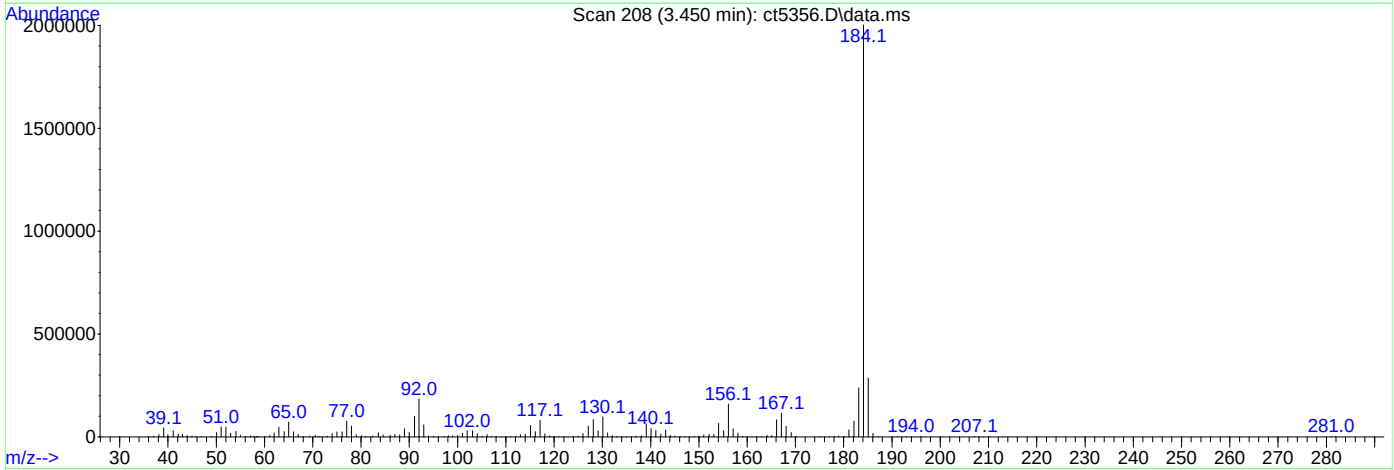
Ion	Exp%	Act%
265.80	100	100
263.80	61.60	61.48
267.80	63.20	63.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5356.D
Acq On : 21 Feb 2024 09:21 am
Operator : karimam
Sample : dftpp Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 21 17:26:39 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\dftpp6p.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Wed Feb 21 17:26:34 2024
Response via : Initial Calibration





TIC: ct5356.D\data.ms

(2) Benzidine (t)

3.450min (0.000) 0.00ppb

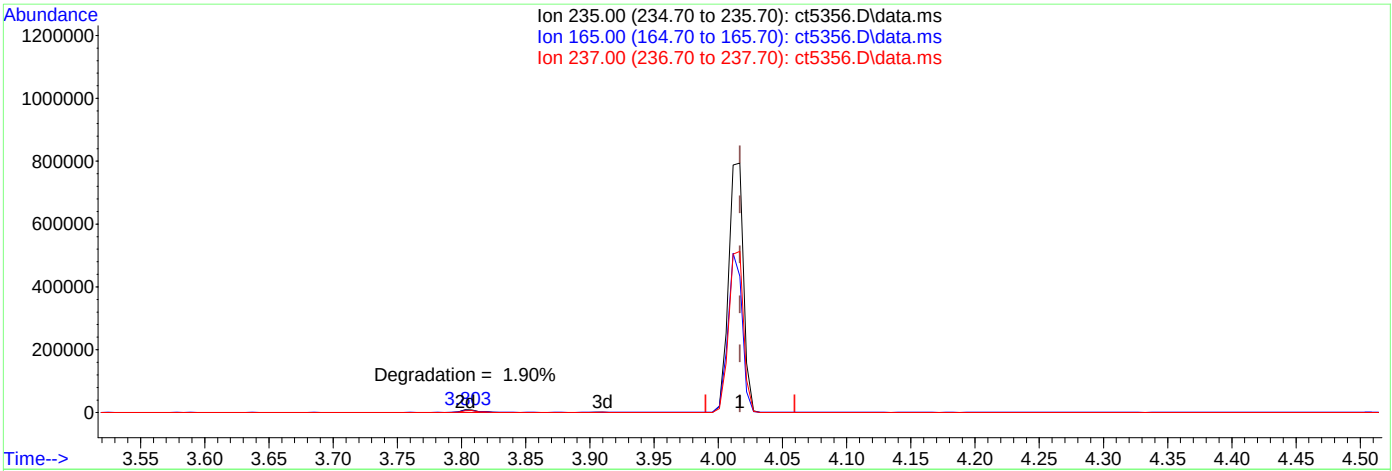
response 1422124

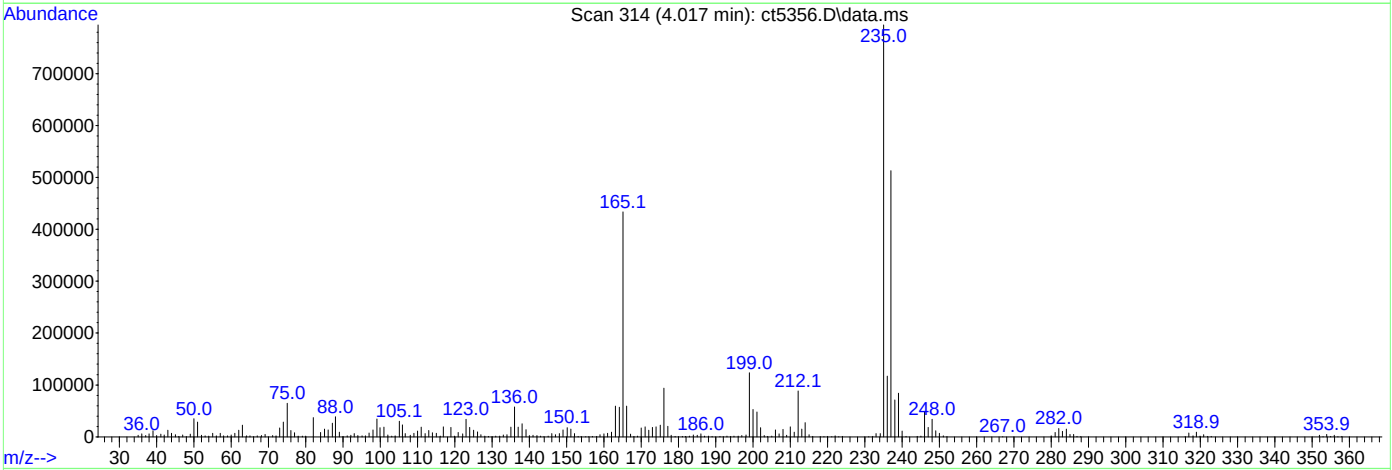
Ion	Exp%	Act%
184.00	100	100
183.00	11.90	11.88
185.00	14.20	14.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5356.D
Acq On : 21 Feb 2024 09:21 am
Operator : karimam
Sample : dftpp Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 21 17:26:39 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\dftpp6p.m
Quant Title : Semi Volatile GC/MS, ZB-5 15m x .25mm x .25um
QLast Update : Wed Feb 21 17:26:34 2024
Response via : Initial Calibration





TIC: ct5356.D\data.ms

(3) PP-DDT (t)

4.017min (0.000) 0.00ppb

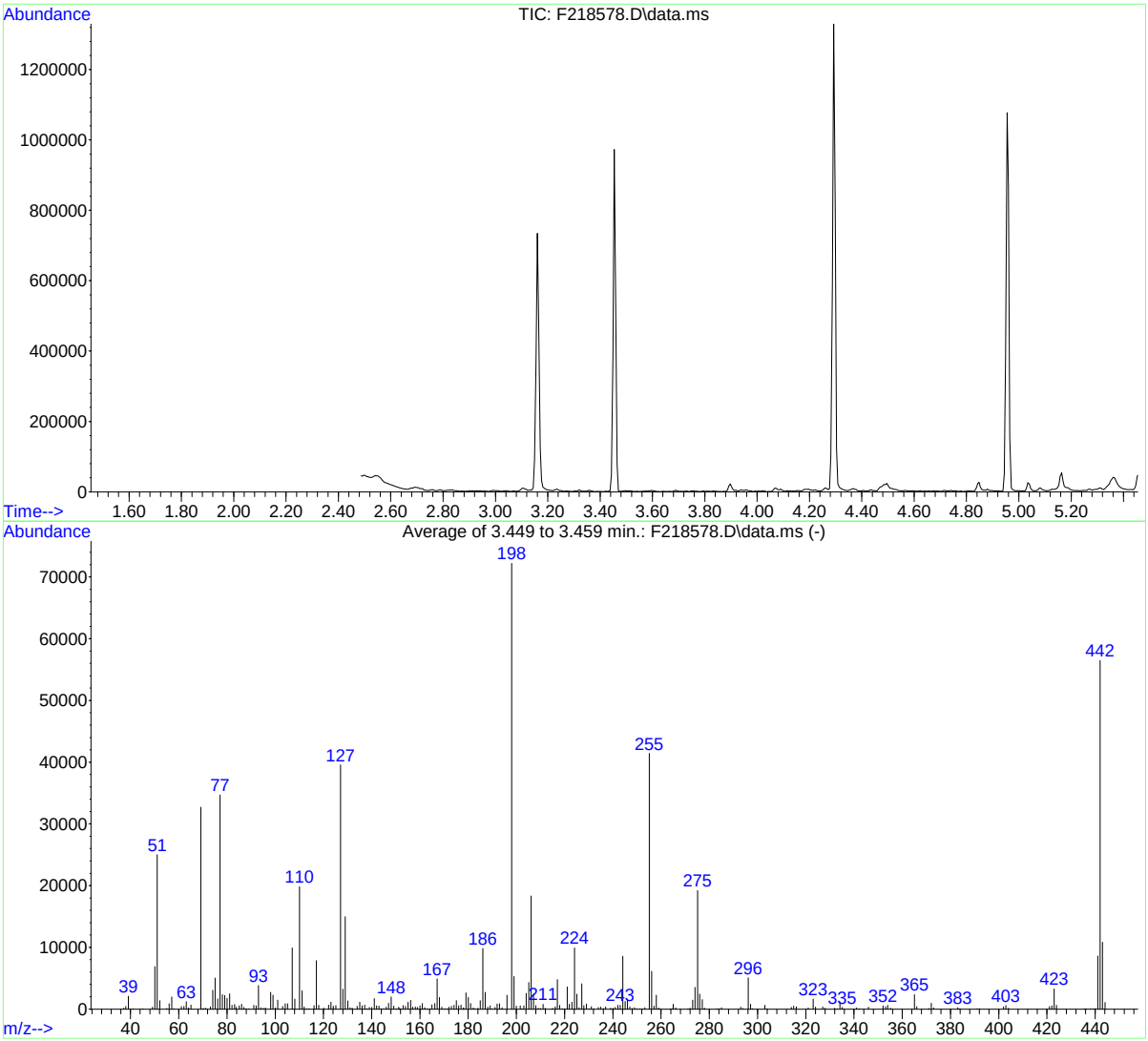
response 648637

Ion	Exp%	Act%
235.00	100	100
165.00	54.60	60.20
237.00	64.60	64.28
0.00	0.00	0.00

DFTPP

Data File : C:\MSDCHEM\1\DATA\EF9690\F218578.D Vial: 1
Acq On : 24 Jan 2024 11:17 am Operator: ninap
Sample : dftpp Inst : GCMSF
Misc : op51881,ef9690,1000,,,1,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um



AutoFind: Scans 181, 182, 183; Background Corrected with Scan 176

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	34.7	25018	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	45.3	32693	PASS
70	69	0.00	2	0.3	114	PASS
127	198	40	60	54.8	39576	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	72192	PASS
199	198	5	9	7.3	5282	PASS
275	198	10	30	26.6	19209	PASS
365	198	1	100	3.3	2353	PASS
441	443	0.10	100	79.7	8619	PASS
442	198	40	100	78.2	56456	PASS
443	442	17	23	19.2	10818	PASS

F218578.D DFTPPF.M Thu Jan 25 08:53:38 2024 RT1

Average of 3.449 to 3.459 min.: F218578.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.15	135	56.00	882	71.15	134	83.10	747
38.05	440	57.10	1957	73.10	374	83.75	256
39.10	2106	58.00	53	74.10	3069	85.10	515
40.00	10	61.10	383	75.10	5032	86.10	775
41.10	55	62.10	447	76.15	1669	87.05	291
45.10	59	63.10	1195	77.10	34693	88.00	73
49.15	332	64.05	175	78.10	2351	89.10	67
50.10	6897	65.10	660	79.10	2228	91.10	609
51.10	25018	69.10	32693	80.05	1729	92.10	549
52.10	1382	70.00	65	81.10	2454	93.10	3797
55.05	100	70.20	114	82.05	612	94.05	247

Average of 3.449 to 3.459 min.: F218578.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.15	145	110.10	19839	124.05	477	137.05	654
95.95	203	111.10	2977	125.10	584	138.00	78
98.10	2713	112.05	350	127.10	39576	139.05	264
99.10	2235	113.10	69	128.10	3236	140.00	264
100.00	180	114.10	61	129.05	14939	141.05	1687
101.05	1436	116.10	561	130.10	1345	142.00	519
103.05	431	117.10	7838	131.05	248	143.05	468
104.10	864	118.05	624	131.95	129	144.00	58
105.10	850	120.15	138	134.00	462	144.90	79
107.10	9926	122.10	649	135.05	1121	146.00	329
108.10	1641	123.05	1128	136.05	547	147.05	944

Average of 3.449 to 3.459 min.: F218578.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
148.10	1957	157.00	339	168.10	1892	178.20	91
149.10	487	158.05	352	169.10	334	179.05	2648
150.20	68	159.00	259	170.10	72	180.10	1873
151.20	297	160.05	543	171.10	64	181.05	915
151.40	59	161.05	898	172.00	319	182.05	185
151.60	84	162.00	227	173.05	462	182.90	72
152.00	59	163.00	73	174.10	615	184.05	149
153.05	560	164.10	50	175.05	1381	185.05	1368
154.05	447	165.00	717	176.05	525	186.10	9814
155.05	1114	166.15	899	177.05	644	187.05	2697
156.10	1413	167.10	4901	178.00	174	188.15	337

Average of 3.449 to 3.459 min.: F218578.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
189.05	534	202.30	52	214.90	88	225.10	2428
190.00	78	203.05	533	215.10	55	226.05	236
191.10	273	204.10	2528	216.10	419	227.10	4121
192.00	837	205.10	4296	217.00	4758	228.00	587
193.00	878	206.10	18310	218.00	597	229.00	842
194.05	243	207.10	2481	219.00	52	230.10	59
196.05	2240	208.00	558	220.00	79	231.05	384
198.00	72192	209.00	130	221.05	3596	232.10	51
199.00	5282	210.00	107	221.90	760	234.00	263
200.00	469	211.05	790	223.05	1123	235.00	332
201.55	524	211.95	129	224.10	9929	236.00	98

Average of 3.449 to 3.459 min.: F218578.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
237.00	348	249.00	234	263.90	56	277.95	148
239.10	138	249.90	61	264.90	131	278.20	82
240.05	152	251.10	54	265.05	763	283.10	73
241.05	279	252.20	50	266.05	208	284.10	61
242.05	616	253.25	240	271.10	51	285.05	248
243.10	632	255.10	41400	272.05	153	293.05	298
244.10	8579	256.10	6129	273.10	1452	293.95	120
245.10	1226	257.05	496	274.05	3527	296.10	5071
246.05	1528	258.05	2234	275.10	19209	297.05	775
247.05	348	258.90	119	276.05	2426	297.90	57
248.05	125	259.20	133	277.05	1548	303.00	631

Average of 3.449 to 3.459 min.: F218578.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
304.00	68	334.10	1174	371.00	61	421.00	396
314.05	256	335.10	274	371.20	70	422.00	524

315.00	488	341.05	188	372.10	944	423.00	3255
316.10	365	342.10	52	373.05	196	424.00	616
321.00	204	346.00	307	383.05	251	435.50	58
323.10	1622	352.05	530	383.90	61	436.40	62
324.05	316	353.05	369	391.00	61	438.10	53
327.00	357	354.00	632	392.10	58	439.20	60
328.00	141	355.10	150	402.00	354	439.90	53
332.00	144	365.00	2353	403.00	582	440.10	52
333.00	64	366.00	388	404.05	165	441.05	8619

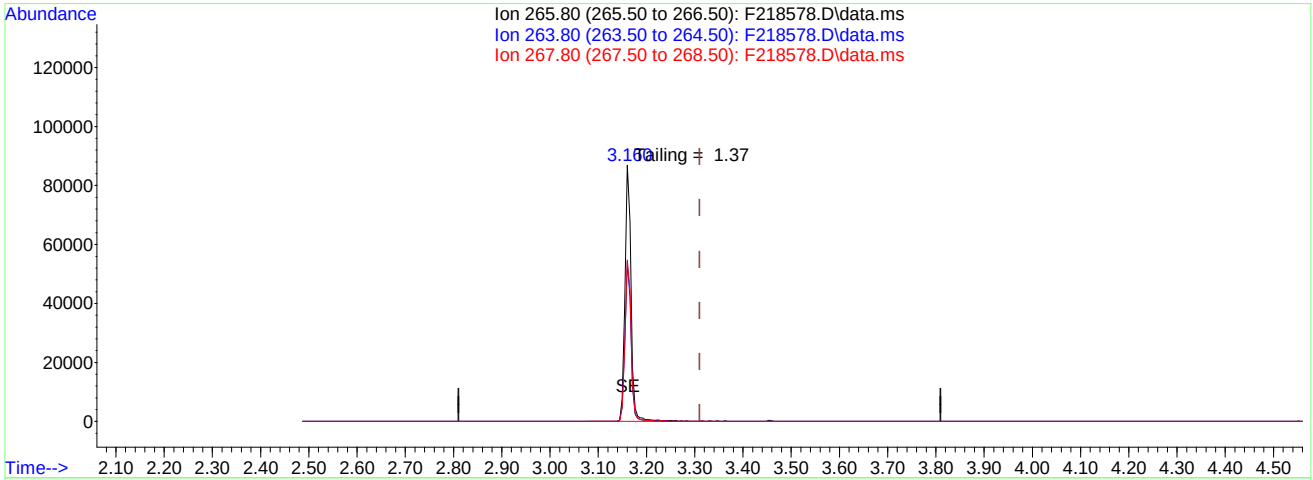
Average of 3.449 to 3.459 min.: F218578.D\data.ms
dftpp
Modified:subtracted

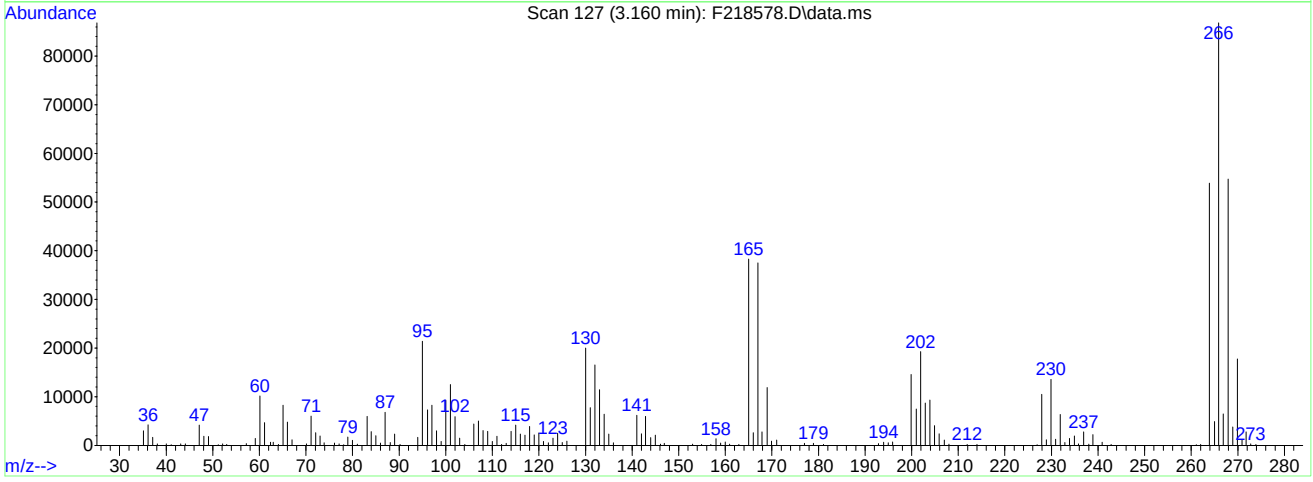
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
442.05	56456						
443.05	10818						
444.05	1076						

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218578.D
Acq On : 24 Jan 2024 11:17 am
Operator : ninap
Sample : dftpp
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 24 11:23:48 2024
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPF.M
Quant Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um
QLast Update : Fri Dec 02 12:49:28 2022
Response via : Initial Calibration





TIC: F218578.D\data.ms

(1) Pentachlorophenol (t)

3.160min (-0.150) 59.31ppb

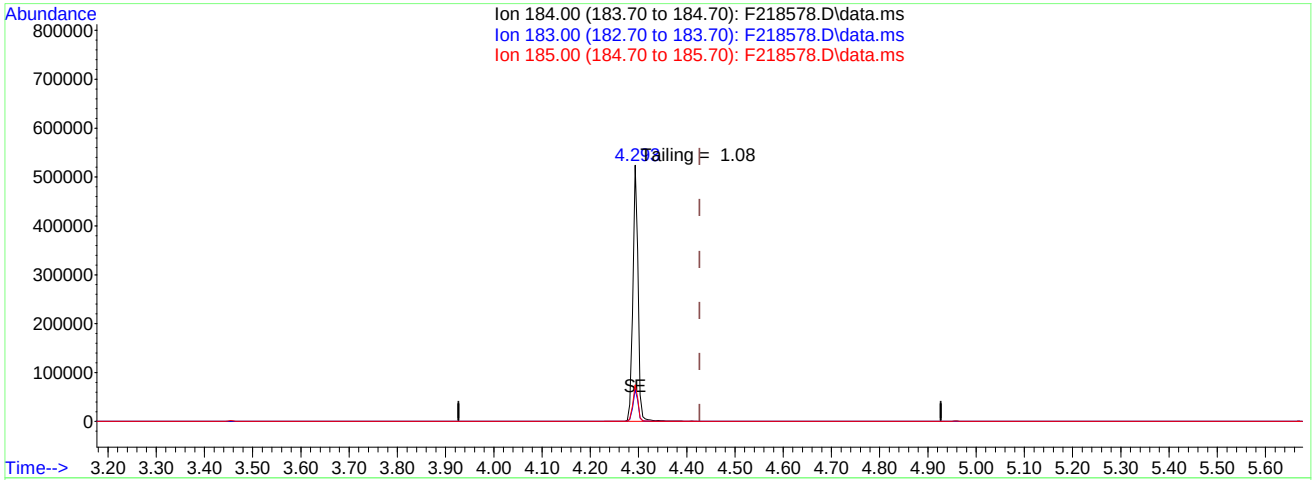
response 74351

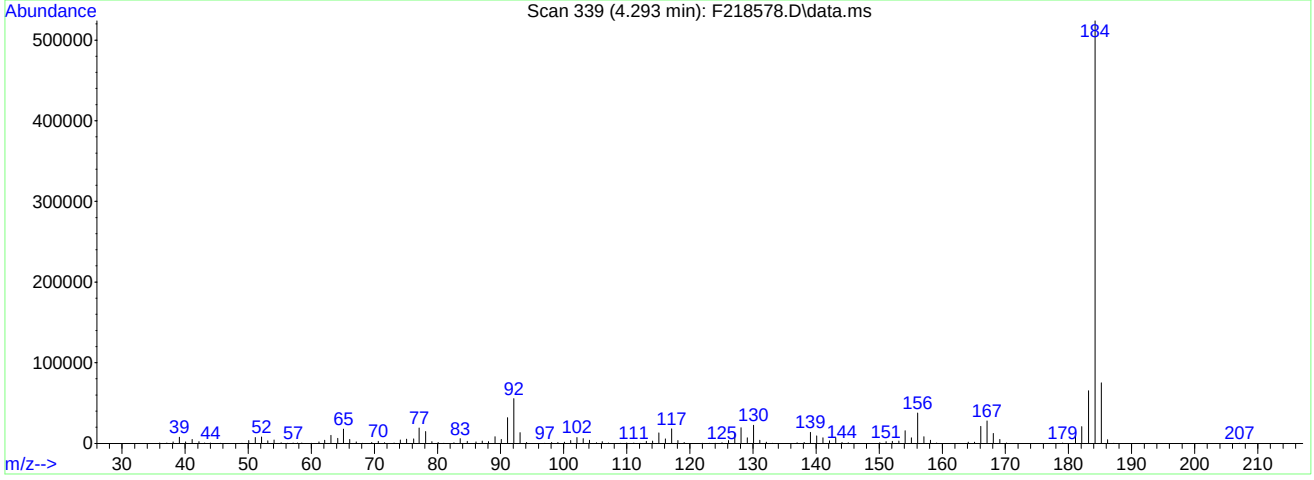
Ion	Exp%	Act%
265.80	100	100
263.80	62.90	62.05
267.80	63.50	63.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218578.D
Acq On : 24 Jan 2024 11:17 am
Operator : ninap
Sample : dftpp
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 24 11:23:48 2024
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPF.M
Quant Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um
QLast Update : Fri Dec 02 12:49:28 2022
Response via : Initial Calibration





TIC: F218578.D\data.ms

(2) Benzidine (t)

4.293min (-0.134) 33.04ppb

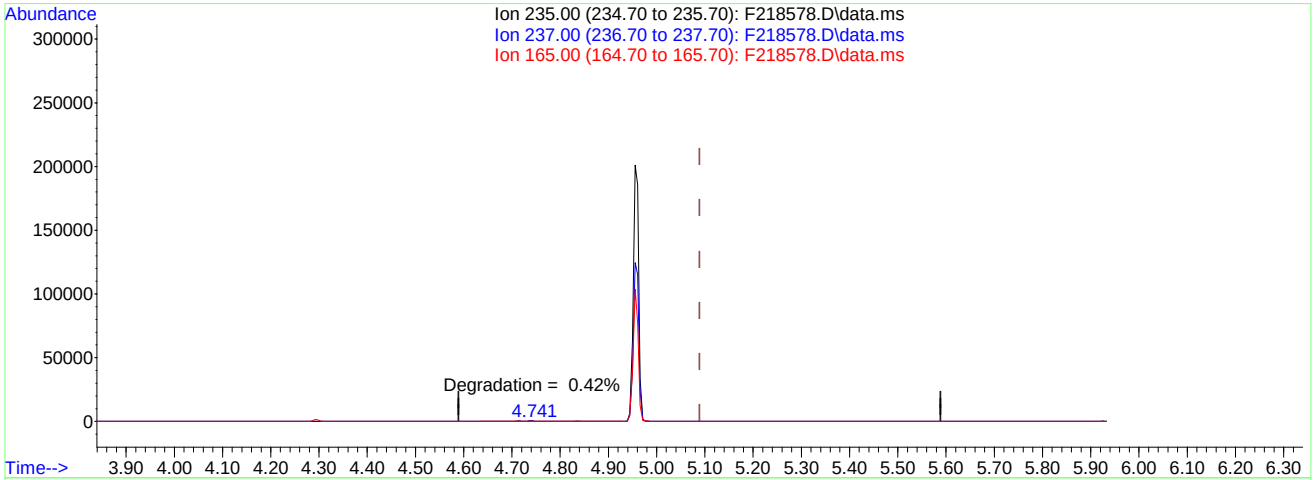
response 391292

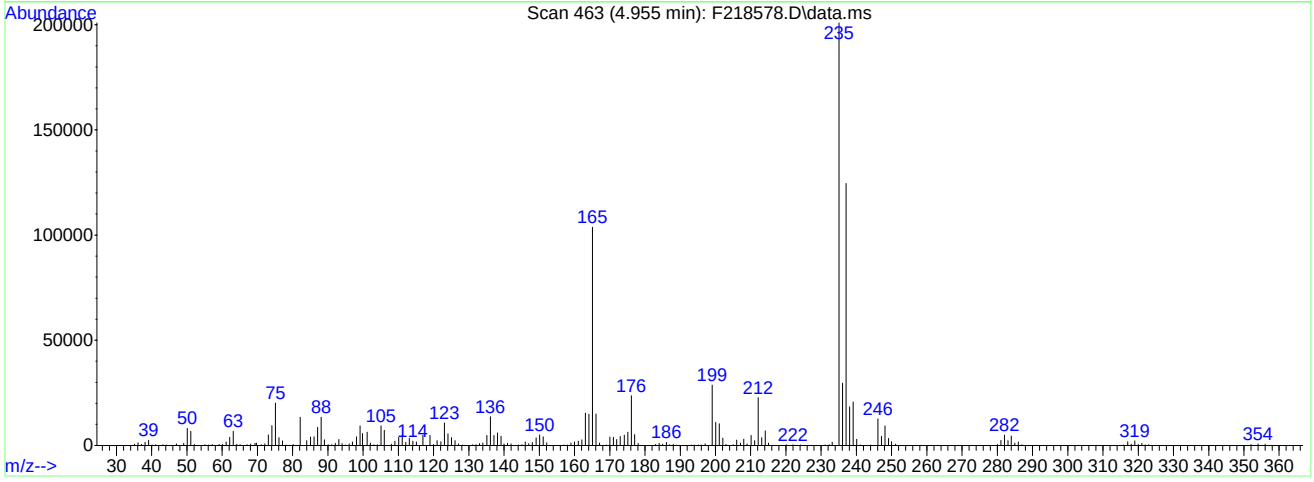
Ion	Exp%	Act%
184.00	100	100
183.00	11.70	12.32
185.00	13.50	14.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218578.D
Acq On : 24 Jan 2024 11:17 am
Operator : ninap
Sample : dftpp
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 24 11:23:48 2024
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPF.M
Quant Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um
QLast Update : Fri Dec 02 12:49:28 2022
Response via : Initial Calibration





TIC: F218578.D\data.ms

(3) ddt (t)

4.955min (-0.134) 18.24ppb

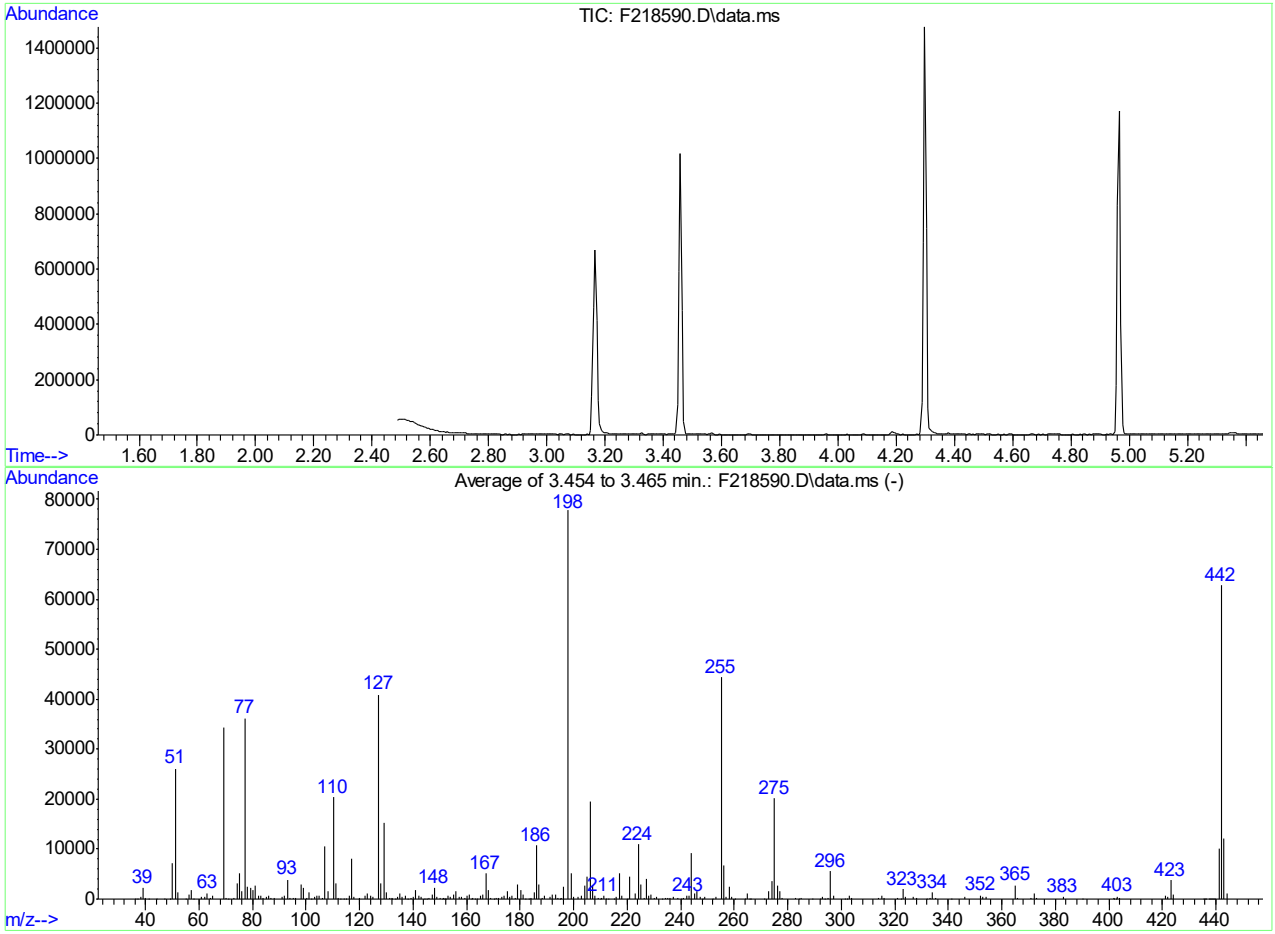
response 157753

Ion	Exp%	Act%
235.00	100	100
237.00	64.50	63.04
165.00	44.40	48.52
0.00	0.00	0.00

DFTPP

Data File : C:\MSDCHEM\1\DATA\EF9691\F218590.D Vial: 1
Acq On : 25 Jan 2024 12:09 pm Operator: ninap
Sample : dftpp Inst : GCMSF
Misc : op51881,ef9691,1000,,,1,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um



AutoFind: Scans 182, 183, 184; Background Corrected with Scan 177

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	33.5	26020	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	44.2	34366	PASS
70	69	0.00	2	0.6	207	PASS
127	198	40	60	52.6	40936	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	77760	PASS
199	198	5	9	6.7	5245	PASS
275	198	10	30	25.9	20125	PASS
365	198	1	100	3.5	2696	PASS
441	443	0.10	100	82.3	10047	PASS
442	198	40	100	80.7	62714	PASS
443	442	17	23	19.5	12215	PASS

F218590.D DFTPPF.M Fri Jan 26 10:30:59 2024 RT1

Average of 3.454 to 3.465 min.: F218590.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	63	52.10	1301	70.05	207	82.10	640
37.10	78	55.00	69	70.90	54	83.10	643
38.10	493	56.10	806	73.10	317	84.00	171
39.10	2156	57.10	1823	74.10	3076	85.00	400
40.05	162	58.10	51	75.10	5235	86.05	605
41.15	118	61.05	357	76.15	1661	87.05	318
44.00	106	62.10	537	77.10	36141	88.05	149
47.20	55	63.10	1153	78.10	2398	91.10	509
49.05	69	64.10	183	79.10	2300	92.00	571
50.10	7107	65.10	666	80.10	1724	93.05	3842
51.05	26020	69.10	34366	81.05	2647	94.10	264

Average of 3.454 to 3.465 min.: F218590.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.20	125	107.10	10634	120.00	143	132.20	54
96.05	230	108.10	1576	122.05	755	133.20	59
98.10	2841	110.10	20410	123.05	1084	134.05	474
99.10	2274	111.10	3224	124.05	622	135.05	1092
100.10	251	112.15	307	125.05	438	136.05	437
101.10	1295	113.00	108	127.10	40936	137.10	716
102.00	58	113.90	50	128.10	3206	138.00	89
103.10	479	115.00	76	129.10	15224	139.10	291
104.10	769	116.10	734	130.05	1271	140.05	375
105.05	785	117.10	7988	131.10	313	141.05	1747
106.00	154	118.05	533	131.95	138	142.05	649

Average of 3.454 to 3.465 min.: F218590.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
143.05	438	151.90	112	161.80	119	172.00	298
144.05	113	152.10	111	162.05	218	173.05	511
145.00	53	153.00	662	163.00	57	174.05	735
146.10	257	154.05	404	164.10	60	175.10	1666
147.05	993	155.05	1003	165.10	733	176.00	524
148.00	2154	156.10	1542	166.10	878	177.00	604
149.00	502	157.10	363	167.10	5136	178.00	261
150.15	130	158.05	377	168.10	1894	179.00	2909
151.00	81	159.15	222	169.05	316	180.10	1790
151.20	145	160.10	655	170.10	66	181.10	972
151.60	66	161.00	824	171.00	142	182.10	64

Average of 3.454 to 3.465 min.: F218590.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
183.20	72	195.00	61	207.10	2791	218.05	637
184.00	209	195.20	162	208.10	726	220.10	53
185.10	1362	196.05	2447	209.05	179	221.05	4575
186.10	10727	198.00	77760	210.10	84	223.00	1176
187.10	2994	199.00	5245	210.60	132	224.10	10942
188.05	304	200.05	445	211.10	670	225.10	2923
189.10	578	201.55	397	211.90	61	226.15	187
191.05	349	203.05	575	213.10	52	227.00	4053
192.05	853	204.10	2694	215.10	114	228.05	583
193.10	889	205.10	4554	216.05	486	229.05	947
194.10	229	206.10	19556	217.00	5071	230.00	202

Average of 3.454 to 3.465 min.: F218590.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
231.05	524	244.10	9147	258.05	2404	276.10	2655
232.95	113	245.00	1098	259.05	379	277.05	1568
234.10	248	246.05	1560	260.10	59	278.05	242
235.00	254	247.10	394	264.10	50	283.05	155

236.00	274	248.00	61	265.05	1027	284.20	51
237.10	370	249.00	383	265.80	64	285.10	213
239.10	133	251.70	53	266.00	75	289.10	52
240.00	102	253.10	365	271.20	50	292.10	63
241.00	267	255.10	44344	273.05	1487	292.95	407
242.10	613	256.10	6669	274.00	3532	293.90	57
243.10	675	257.05	526	275.10	20125	295.10	135

Average of 3.454 to 3.465 min.: F218590.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
296.05	5588	323.05	1978	353.05	374	402.80	95
297.00	748	324.05	352	354.05	546	403.15	511
301.20	60	327.00	353	365.05	2696	404.05	316
302.20	64	328.05	196	366.00	328	421.05	662
303.05	746	331.90	57	371.00	150	422.00	475
304.05	136	333.00	245	372.10	1066	423.05	3726
314.05	281	334.10	1278	373.15	303	424.00	830
315.05	667	335.15	327	383.00	384	435.20	57
316.05	323	341.10	110	390.00	79	435.70	53
321.05	165	346.05	435	401.90	62	436.30	61
322.10	60	352.05	697	402.05	301	437.60	55

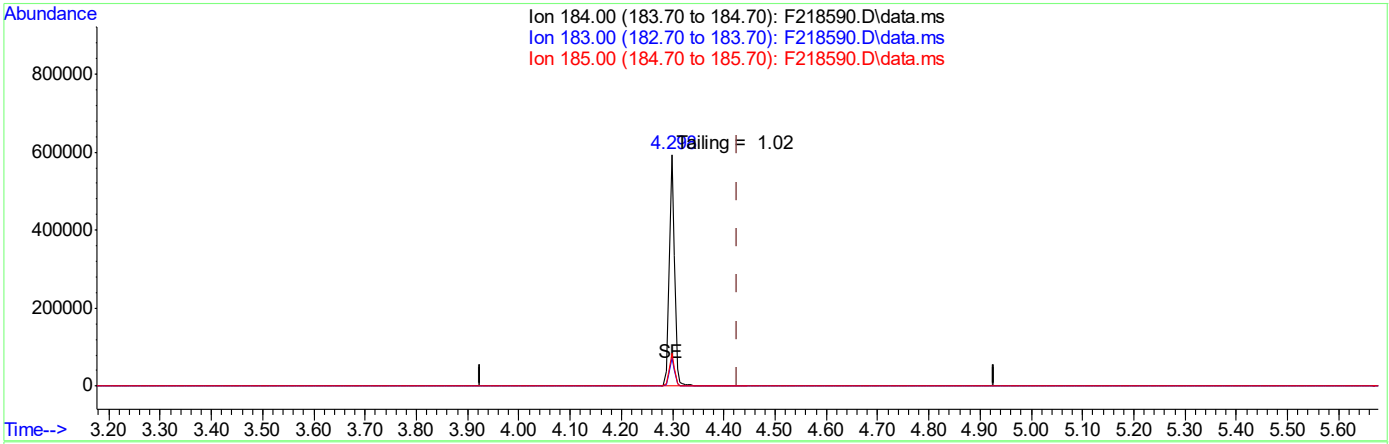
Average of 3.454 to 3.465 min.: F218590.D\data.ms
dftpp
Modified:subtracted

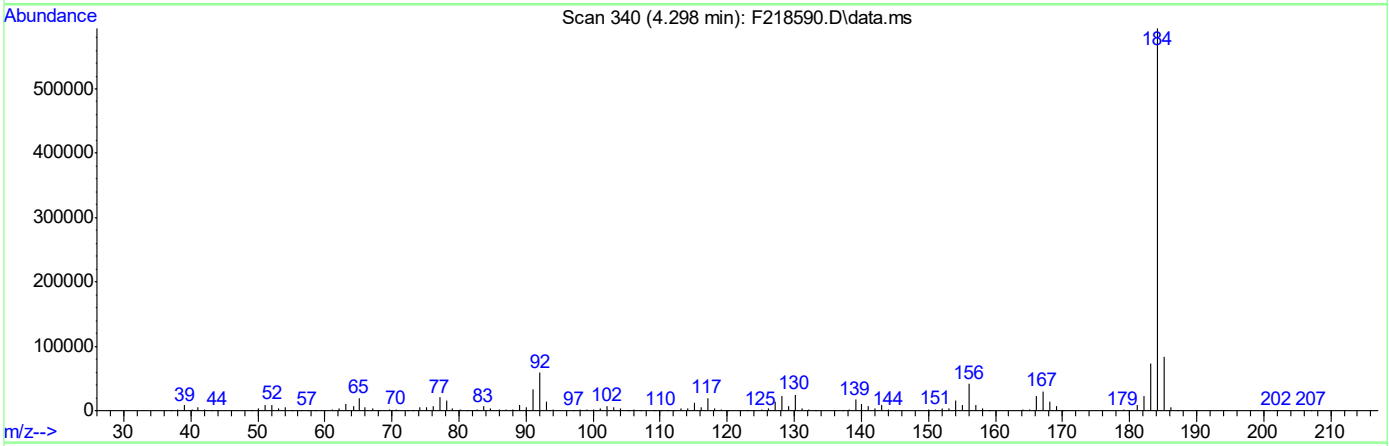
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
437.90	51						
438.40	54						
438.80	51						
439.10	50						
439.40	70						
441.05	10047						
442.10	62714						
443.05	12215						
444.00	1095						

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218590.D
Acq On : 25 Jan 2024 12:09 pm
Operator : ninap
Sample : dftpp
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 25 12:15:07 2024
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPF.M
Quant Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um
QLast Update : Fri Dec 02 12:49:28 2022
Response via : Initial Calibration





TIC: F218590.D\data.ms

(2) Benzidine (t)

4.298min (-0.129) 35.41ppb

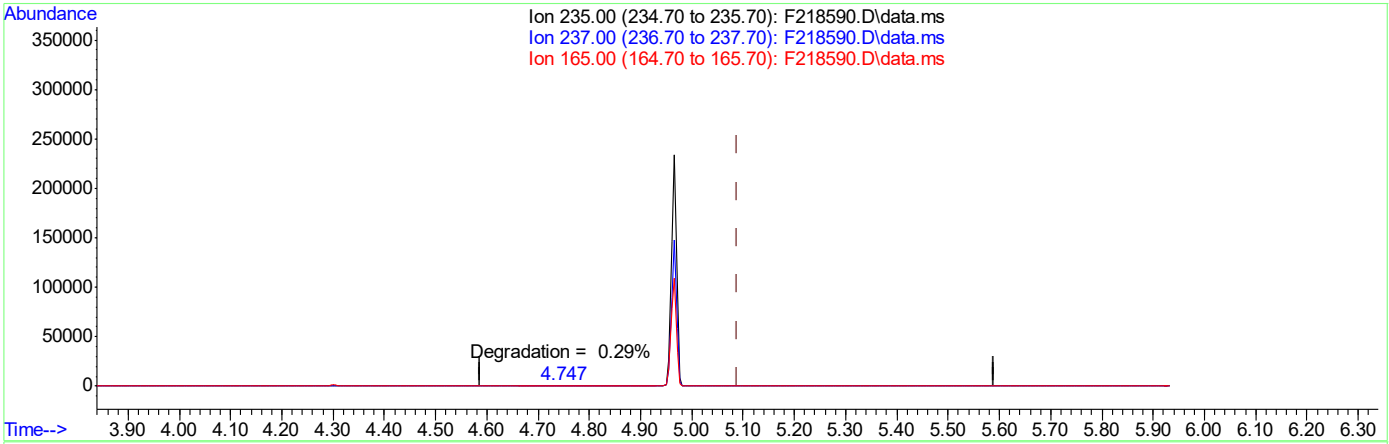
response 419364

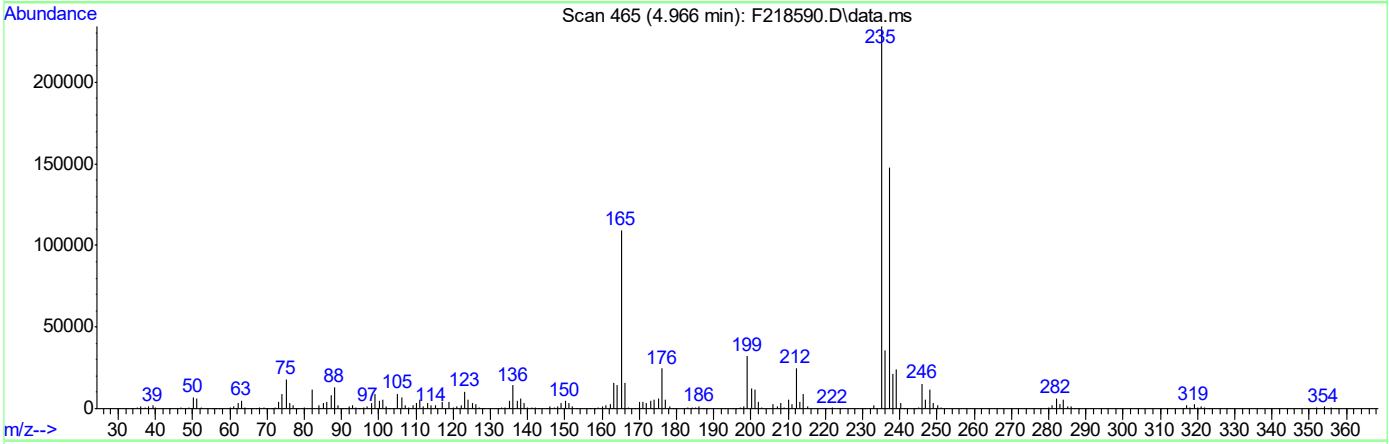
Ion	Exp%	Act%
184.00	100	100
183.00	11.70	12.32
185.00	13.50	14.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218590.D
Acq On : 25 Jan 2024 12:09 pm
Operator : ninap
Sample : dftpp
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 25 12:15:07 2024
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPF.M
Quant Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um
QLast Update : Fri Dec 02 12:49:28 2022
Response via : Initial Calibration





TIC: F218590.D\data.ms

(3) ddt (t)

4.966min (-0.123) 18.92ppb

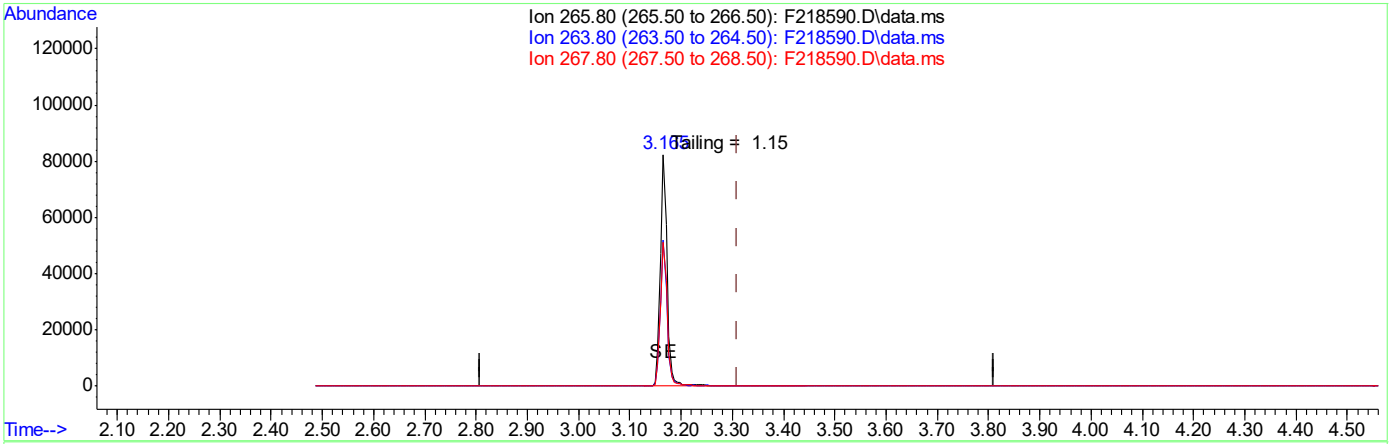
response 163574

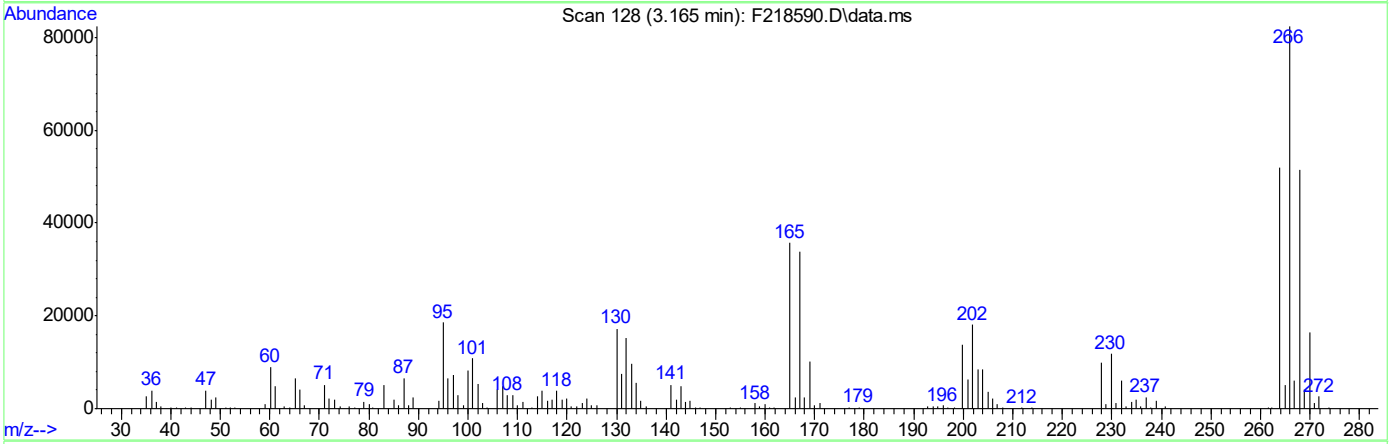
Ion	Exp%	Act%
235.00	100	100
237.00	64.50	62.55
165.00	44.40	47.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218590.D
Acq On : 25 Jan 2024 12:09 pm
Operator : ninap
Sample : dftpp
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 25 12:15:07 2024
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPF.M
Quant Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um
QLast Update : Fri Dec 02 12:49:28 2022
Response via : Initial Calibration





TIC: F218590.D\data.ms

(1) Pentachlorophenol (t)

3.165min (-0.145) 59.21ppb

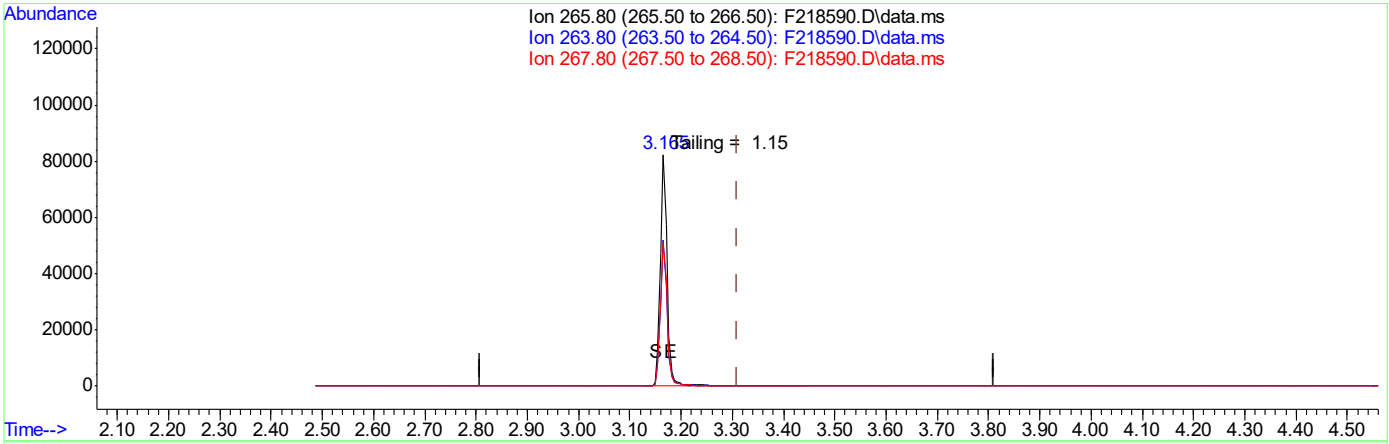
response 74216

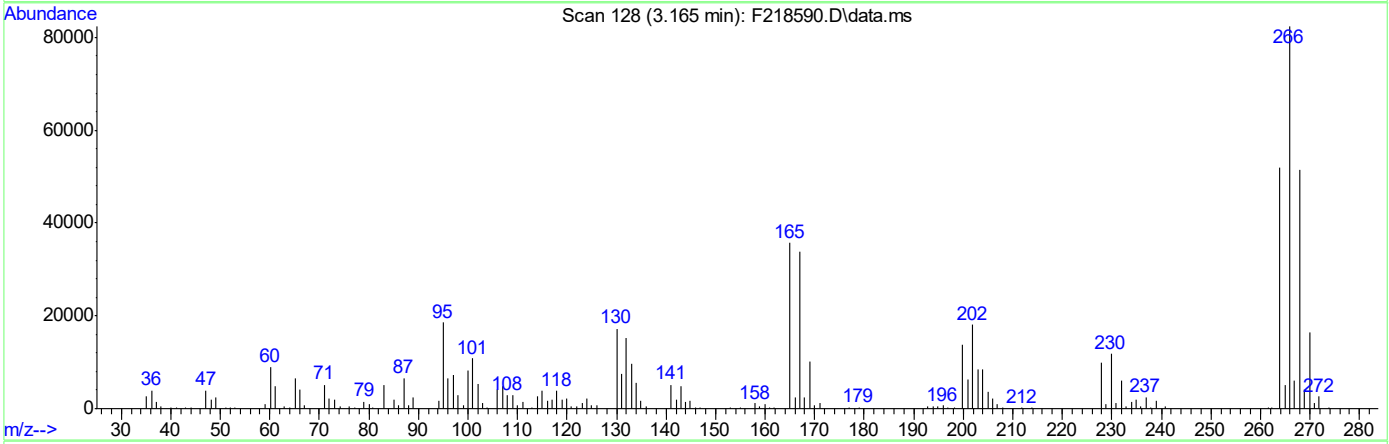
Ion	Exp%	Act%
265.80	100	100
263.80	62.90	62.98
267.80	63.50	62.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218590.D
Acq On : 25 Jan 2024 12:09 pm
Operator : ninap
Sample : dftpp
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 25 12:15:07 2024
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPF.M
Quant Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um
QLast Update : Fri Dec 02 12:49:28 2022
Response via : Initial Calibration





TIC: F218590.D\data.ms

(1) Pentachlorophenol (t)

3.165min (-0.145) 59.21ppb

response 74216

Ion	Exp%	Act%
265.80	100	100
263.80	62.90	62.98
267.80	63.50	62.36
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5236.D
Acq On : 15 Feb 2024 12:11 pm
Operator : jackleey
Sample : icc266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 16 09:09:48 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.202	152	434765	40.00	ppm	0.00
24) Naphthalene-d8	3.892	136	1631106	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	910901	40.00	ppm	0.00
69) Phenanthrene-d10	6.246	188	1608097	40.00	ppm	0.00
84) Chrysene-d12	9.204	240	1083061	40.00	ppm	0.00
93) Perylene-d12	10.798	264	1170183	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.202	152	434765	40.00	ppm	0.00
105) Phenanthrene-d10a	6.246	188	1608097	40.00	ppm	0.00
107) Naphthalene-d8a	3.892	136	1631106	40.00	ppm	0.00
109) Phenanthrene-d10b	6.246	188	1608097	40.00	ppm	0.00
112) Chrysene-d12a	9.204	240	1083061	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.523	112	827907	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
8) Phenol-d5	3.004	99	941879	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
25) Nitrobenzene-d5	3.507	82	866685	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
51) 2-Fluorobiphenyl	4.513	172	1459841	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
74) 2,4,6-Tribromophenol	5.604	330	208428	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
87) Terphenyl-d14	7.979	244	1617092	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.699	88	364943	50.00	ppm	100
3) Pyridine	1.881	79	1007241	50.00	ppm	100
4) N-Nitrosodimethylamine	1.865	74	514120	50.00	ppm	100
6) Indene	3.341	116	1194515	50.00	ppm	100
7) Cumene	2.785	105	1625188	50.00	ppm	100
9) Phenol	3.010	94	991014	50.00	ppm	100
10) Aniline	3.037	93	1327260	50.00	ppm	100
11) bis(2-Chloroethyl)ether	3.063	93	779622	50.00	ppm	100
12) 2-Chlorophenol	3.095	128	746621	50.00	ppm	100
13) Decane	3.090	43	977817	50.00	ppm	100
14) 1,3-Dichlorobenzene	3.176	146	862495	50.00	ppm	100
15) 1,4-Dichlorobenzene	3.213	146	847813	50.00	ppm	100
16) Benzyl alcohol	3.277	108	558112	50.00	ppm	100
17) 1,2-Dichlorobenzene	3.293	146	820075	50.00	ppm	100
18) Acetophenone	3.422	105	1000884	50.00	ppm	100
19) 2-Methylphenol	3.325	108	715249	50.00	ppm	100
20) 2,2'-oxybis(1-Chloropr...	3.336	121	202553	50.00	ppm	100
21) 3&4-Methylphenol	3.416	108	1246217	100.00	ppm	100
22) n-Nitroso-di-n-propyla...	3.416	70	474679	50.00	ppm	100
23) Hexachloroethane	3.470	201	277961	50.00	ppm	100
26) Nitrobenzene	3.518	77	861686	50.00	ppm	100
27) Quinoline	4.101	129	1544458	50.00	ppm	100
28) Isophorone	3.641	82	1522932	50.00	ppm	100
29) 2-Nitrophenol	3.684	139	385816	50.00	ppm	100
30) 2,4-Dimethylphenol	3.694	107	800339	50.00	ppm	100

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5236.D
Acq On : 15 Feb 2024 12:11 pm
Operator : jackleey
Sample : icc266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 16 09:09:48 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Benzoic acid	3.775	105	724883	50.00	ppm	100
32) bis(2-Chloroethoxy)met...	3.748	93	933697	50.00	ppm	100
33) 2,4-Dichlorophenol	3.812	162	631219	50.00	ppm	100
34) 2,6-Dichlorophenol	3.935	162	554419	50.00	ppm	100
35) 1,3,5-Trichlorobenzene	3.684	180	629133	50.00	ppm	100
36) 1,2,4-Trichlorobenzene	3.855	180	635436	50.00	ppm	100
37) 1,2,3-Trichlorobenzene	3.983	180	619454	50.00	ppm	100
38) Naphthalene	3.903	128	2087789	50.00	ppm	100
39) 4-Chloroaniline	3.935	127	870958	50.00	ppm	100
40) 2,3-Dichloroaniline	4.465	161	683660	50.00	ppm	100
41) Hydroquinone	4.112	110	808238	50.00	ppm	100
42) Hexachlorobutadiene	3.957	225	330813	50.00	ppm	100
43) 4-Chloro-3-methylphenol	4.197	107	698397	50.00	ppm	100
44) 2-Methylnaphthalene	4.294	141	1227858	50.00	ppm	100
45) 1-Methylnaphthalene	4.352	141	1280232	50.00	ppm	100
47) Hexachlorocyclopentadiene	4.374	237	638372	100.00	ppm	100
48) 1,2,4,5-tetrachloroben...	4.390	216	572069	50.00	ppm	100
49) 2,4,6-Trichlorophenol	4.459	196	385853	50.00	ppm	100
50) 2,4,5-Trichlorophenol	4.486	196	460924	50.00	ppm	100
52) 2-Chloronaphthalene	4.598	162	1298022	50.00	ppm	100
53) Biphenyl	4.577	154	1651719	50.00	ppm	100
54) 2-Nitroaniline	4.668	65	517252	50.00	ppm	100
55) Dimethylphthalate	4.775	163	1545904	50.00	ppm	100
56) Acenaphthylene	4.877	152	2071435	50.00	ppm	100
57) 2,6-Dinitrotoluene	4.828	165	362564	50.00	ppm	100
58) 3-Nitroaniline	4.957	138	458913	50.00	ppm	100
59) Acenaphthene	5.000	153	1342165	50.00	ppm	100
60) 2,4-Dinitrophenol	5.037	184	432277	100.00	ppm	100
61) 4-Nitrophenol	5.074	109	249964	50.00	ppm	100
62) Dibenzofuran	5.128	168	1737192	50.00	ppm	100
63) 2,4-Dinitrotoluene	5.128	165	440731	50.00	ppm	100
64) 2,3,4,6-Tetrachlorophenol	5.219	232	351962	50.00	ppm	100
65) Diethylphthalate	5.299	149	1603964	50.00	ppm	100
66) Fluorene	5.401	166	1373972	50.00	ppm	100
67) 4-Chlorophenyl-phenyle...	5.395	204	595524	50.00	ppm	100
68) 4-Nitroaniline	5.438	138	453842	50.00	ppm	100
70) 4,6-Dinitro-2-methylph...	5.454	198	275993	50.00	ppm	100
71) n-Nitrosodiphenylamine	5.497	169	1280364	50.00	ppm	100
72) 1,2-Diphenylhydrazine	5.529	77	1688257	50.00	ppm	100
73) pentachloronitrobenzene	6.064	295	65635	50.00	ppm	100
75) 4-Bromophenyl-phenylether	5.818	248	372348	50.00	ppm	100
76) Hexachlorobenzene	5.861	284	417014	50.00	ppm	100
77) Pentachlorophenol	6.059	266	467862	100.00	ppm	100
78) Phenanthrene	6.273	178	2115548	50.00	ppm	100
79) Anthracene	6.321	178	2184682	50.00	ppm	100
80) Carbazole	6.497	167	2160973	50.00	ppm	100
81) Di-n-butylphthalate	6.861	149	2729477	50.00	ppm	100
82) Fluoranthene	7.524	202	2240330	50.00	ppm	100
83) Octadecane	6.117	57	1437718	50.00	ppm	100
85) benzidine	7.711	184	1569054	50.00	ppm	100
86) Pyrene	7.781	202	2340755	50.00	ppm	100
88) Butylbenzylphthalate	8.583	149	1236468	50.00	ppm	100
89) Benzo[a]anthracene	9.188	228	1835355	50.00	ppm	100
90) 3,3'-Dichlorobenzidine	9.188	252	658618	50.00	ppm	100
91) Chrysene	9.230	228	1902552	50.00	ppm	100
92) bis(2-Ethylhexyl)phtha...	9.273	149	1695375	50.00	ppm	100
94) Di-n-octylphthalate	10.033	149	2810352	50.00	ppm	100

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5236.D
Acq On : 15 Feb 2024 12:11 pm
Operator : jackleey
Sample : icc266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 16 09:09:48 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

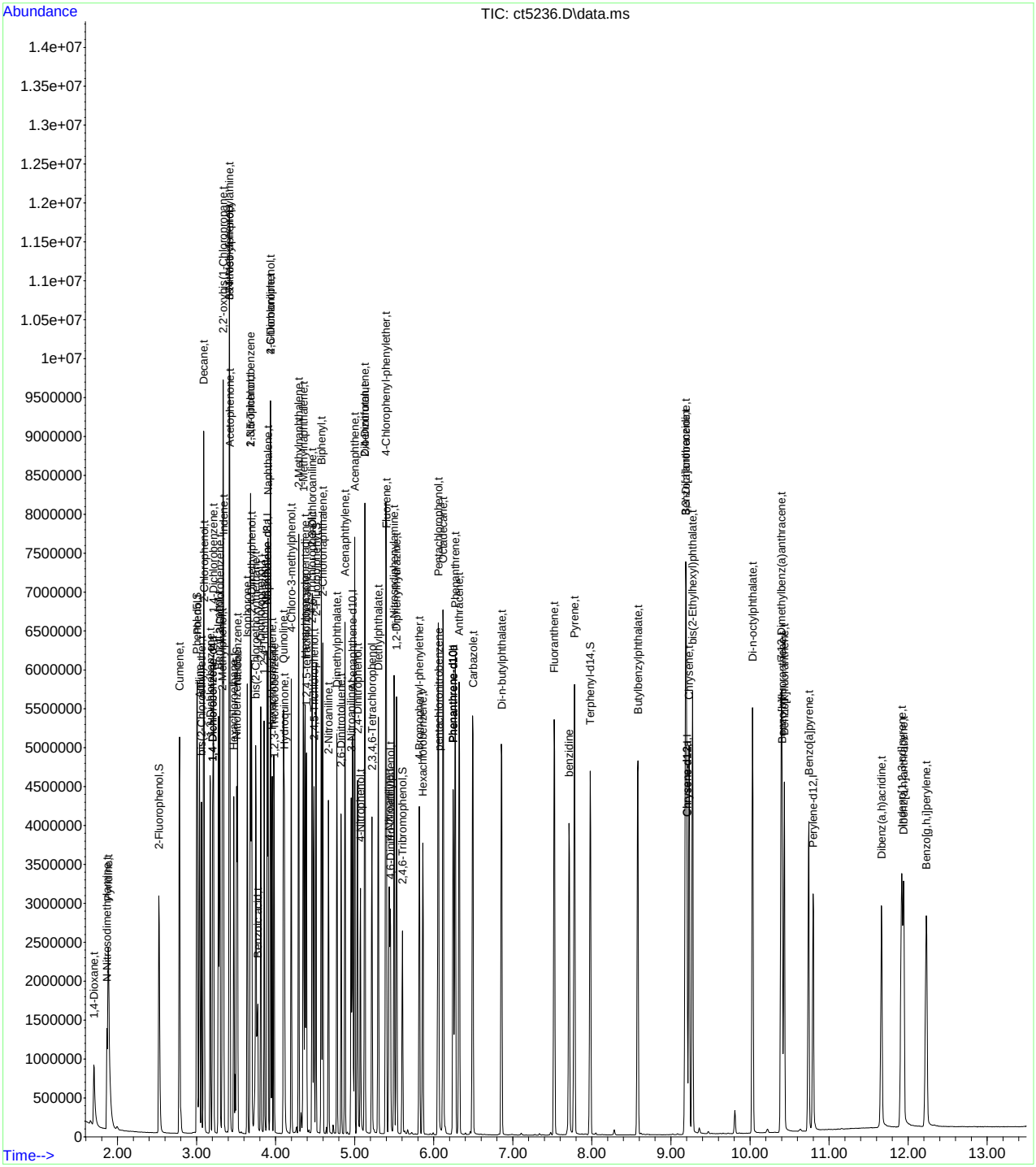
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.407	252	1744322	50.00	ppm	100
96) Benzo[k]fluoranthene	10.434	252	1759529	50.00	ppm	100
97) Benzo[a]pyrene	10.744	252	1657390	50.00	ppm	100
98) Indeno[1,2,3-cd]pyrene	11.921	276	2065323	50.00	ppm	100
99) Dibenz(a,h)acridine	11.664	279	1446283	50.00	ppm	100
100) Dibenz[a,h]anthracene	11.942	278	1664258	50.00	ppm	100
101) 7,12-Dimethylbenz(a)an...	10.396	256	747412	50.00	ppm	100
102) Benzo[g,h,i]perylene	12.231	276	1618852	50.00	ppm	100

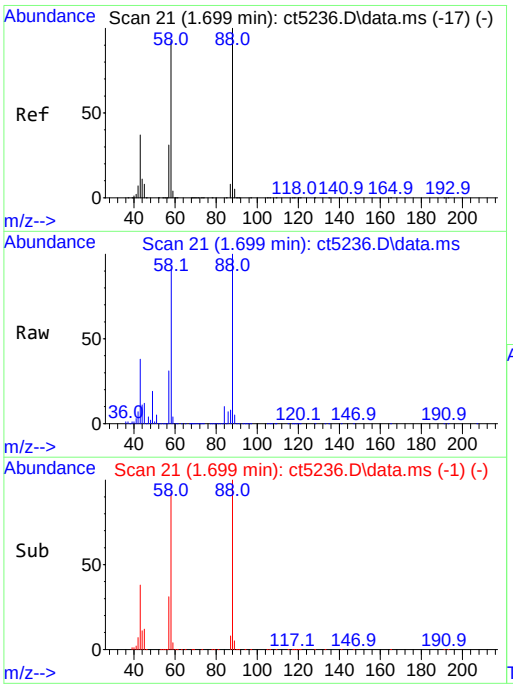
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5236.D
Acq On : 15 Feb 2024 12:11 pm
Operator : jackleey
Sample : icc266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 16 09:09:48 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

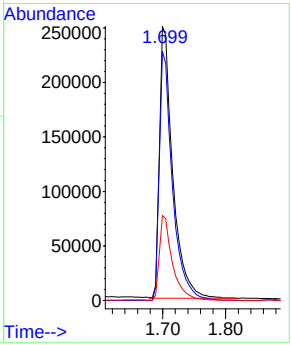


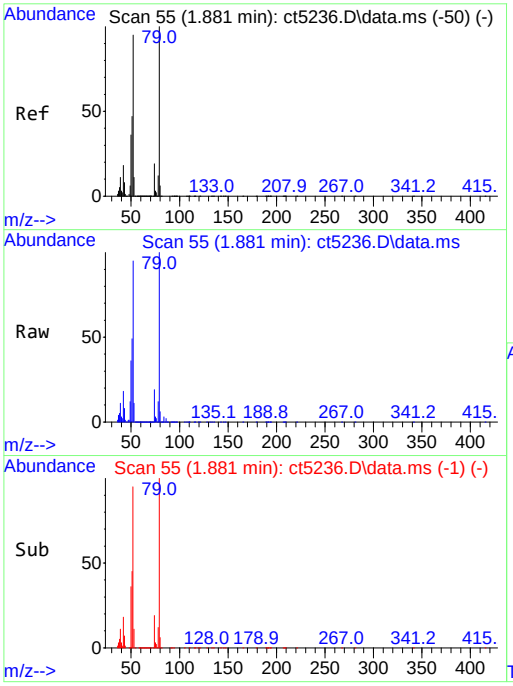


#2
1,4-Dioxane
Concen: 50.00 ppm
RT: 1.699 min Scan# 21
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 88 Resp: 364943

Ion	Ratio	Lower	Upper
88	100		
58	91.7	61.7	121.7
57	31.2	1.2	61.2

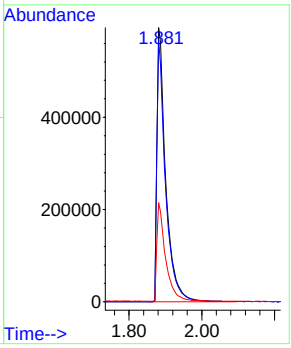


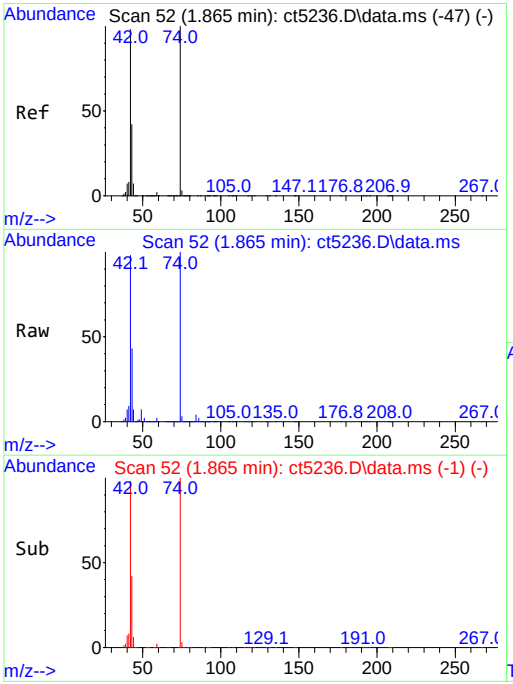


#3
Pyridine
Concen: 50.00 ppm
RT: 1.881 min Scan# 55
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 79 Resp: 1007241

Ion	Ratio	Lower	Upper
79	100		
52	95.5	65.5	125.5
50	35.9	5.9	65.9

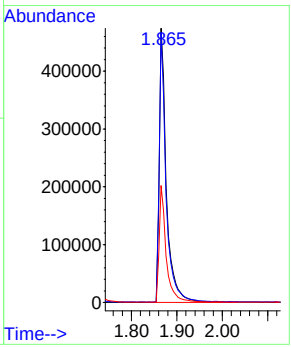


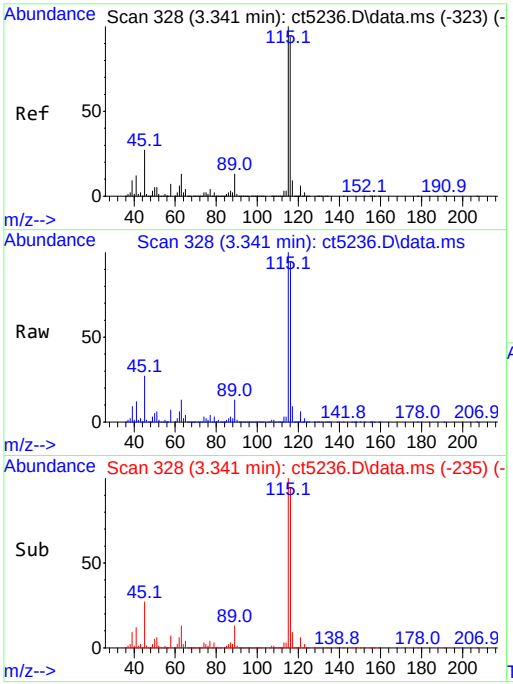


#4
N-Nitrosodimethylamine
Concen: 50.00 ppm
RT: 1.865 min Scan# 52
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 74 Resp: 514120

Ion	Ratio	Lower	Upper
74	100		
42	98.1	68.1	128.1
43	42.5	12.5	72.5

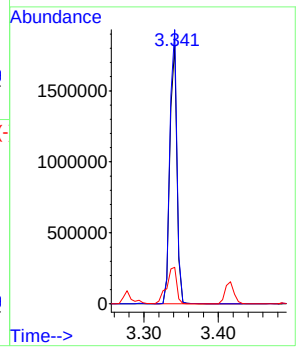


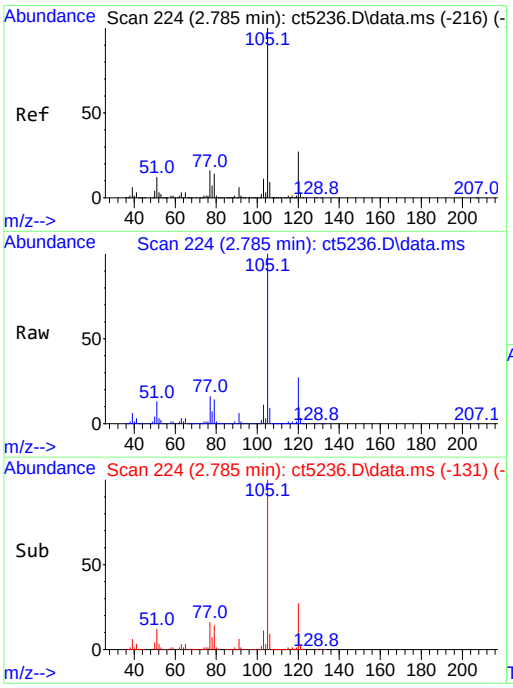


#6
Indene
Concen: 50.00 ppm
RT: 3.341 min Scan# 328
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:116 Resp: 1194515

Ion	Ratio	Lower	Upper
116	100		
115	106.2	76.2	136.2
63	14.0	0.0	44.0

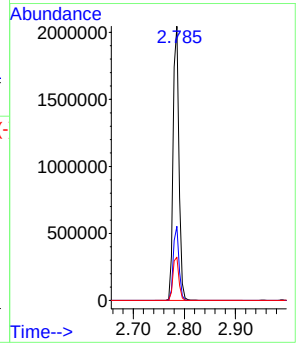


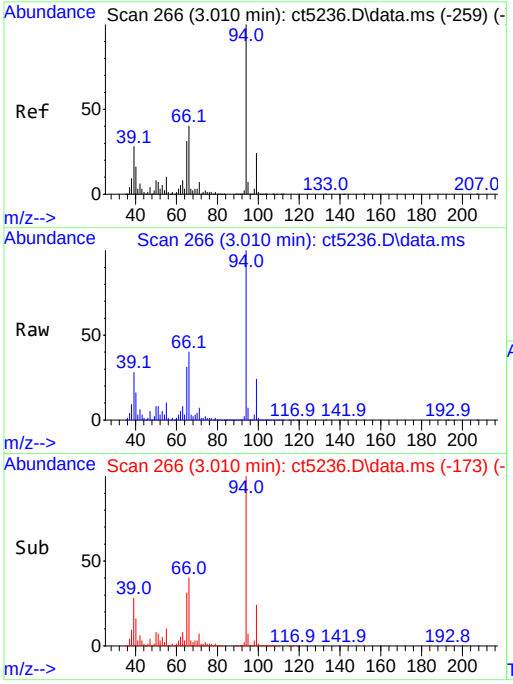


#7
Cumene
Concen: 50.00 ppm
RT: 2.785 min Scan# 224
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:105 Resp: 1625188

Ion	Ratio	Lower	Upper
105	100		
120	27.0	0.0	57.0
77	15.8	0.0	45.8

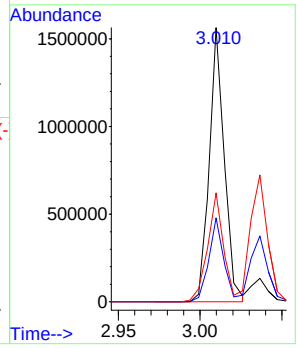


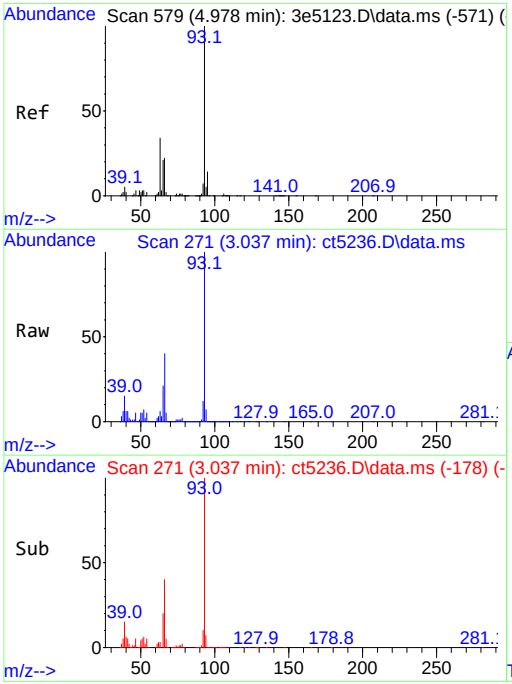


#9
Phenol
Concen: 50.00 ppm
RT: 3.010 min Scan# 266
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 94 Resp: 991014

Ion	Ratio	Lower	Upper
94	100		
65	29.7	0.0	59.7
66	38.2	8.2	68.2

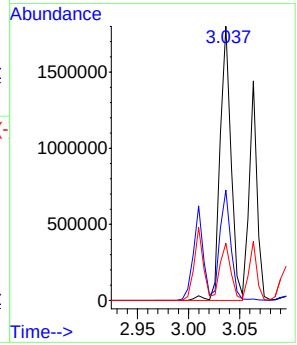


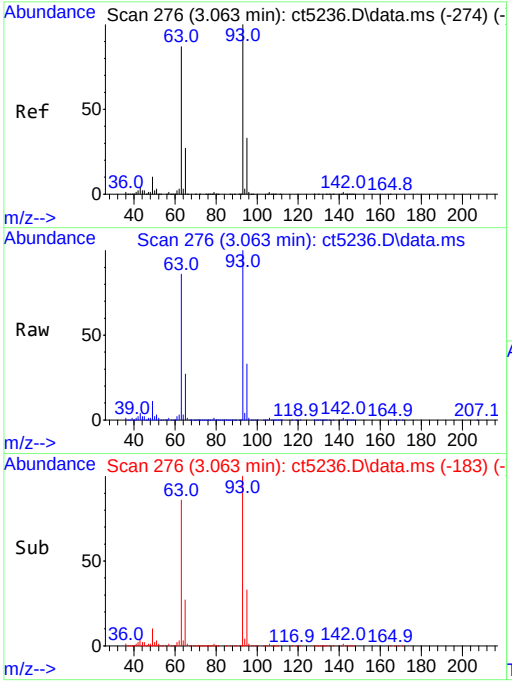


#10
Aniline
Concen: 50.00 ppm
RT: 3.037 min Scan# 271
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 93 Resp: 1327260

Ion	Ratio	Lower	Upper
93	100		
66	40.4	10.4	70.4
65	20.8	0.0	50.8

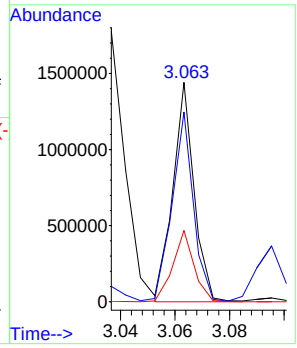


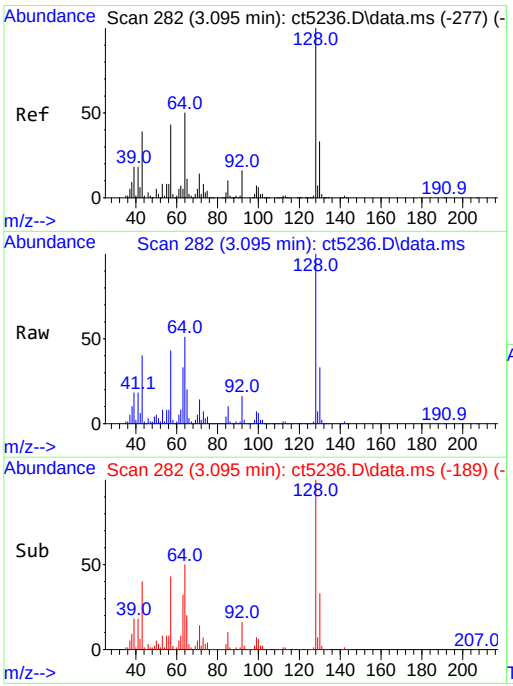


#11
bis(2-Chloroethyl)ether
Concen: 50.00 ppm
RT: 3.063 min Scan# 276
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 93 Resp: 779622

Ion	Ratio	Lower	Upper
93	100		
63	85.8	55.8	115.8
95	32.8	2.8	62.8

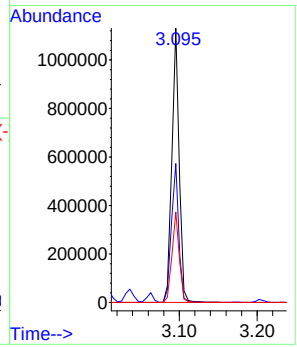


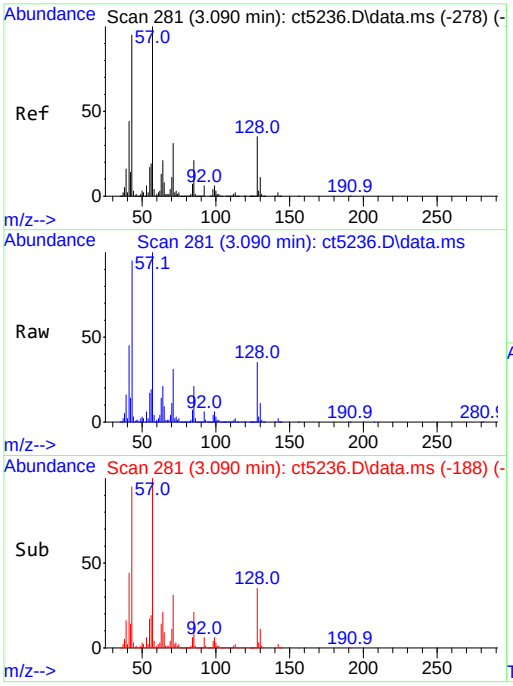


#12
2-Chlorophenol
Concen: 50.00 ppm
RT: 3.095 min Scan# 282
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:128 Resp: 746621

Ion	Ratio	Lower	Upper
128	100		
64	50.1	20.1	80.1
130	33.0	3.0	63.0

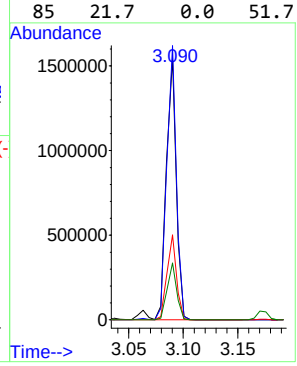


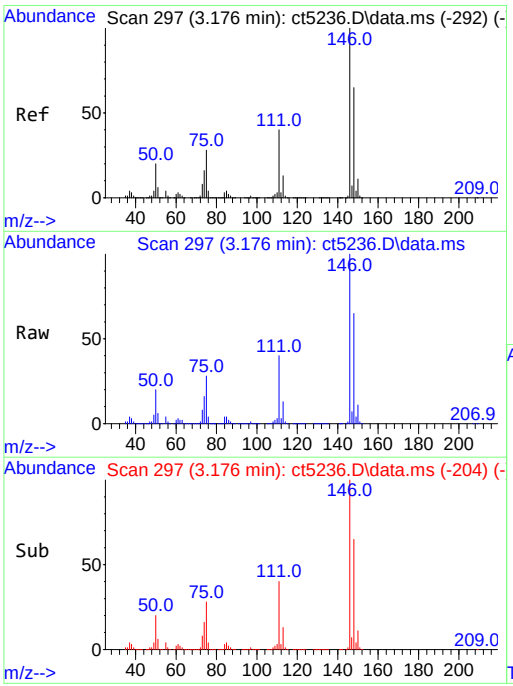


#13
Decane
Concen: 50.00 ppm
RT: 3.090 min Scan# 281
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 43 Resp: 977817

Ion	Ratio	Lower	Upper
43	100		
57	104.9	74.9	134.9
71	32.5	2.5	62.5
85	21.7	0.0	51.7

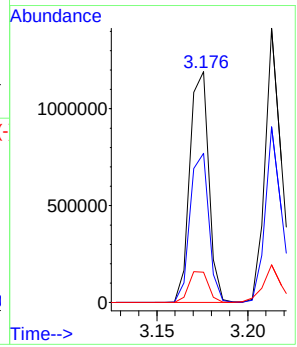


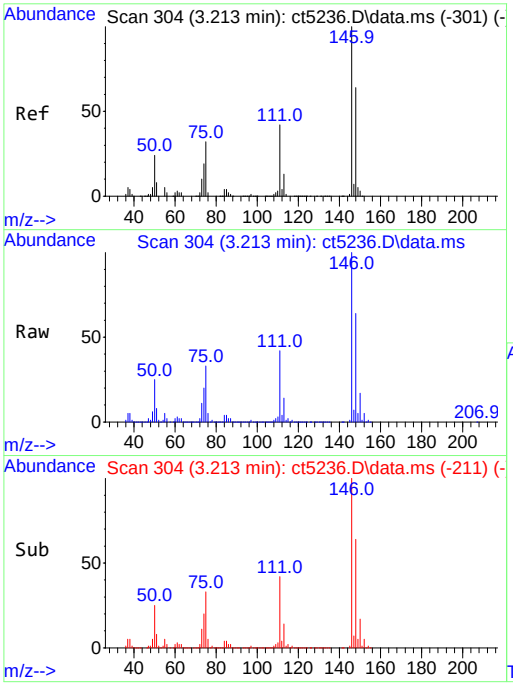


#14
1,3-Dichlorobenzene
Concen: 50.00 ppm
RT: 3.176 min Scan# 297
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:146 Resp: 862495

Ion	Ratio	Lower	Upper
146	100		
148	64.7	34.7	94.7
113	12.9	0.0	42.9

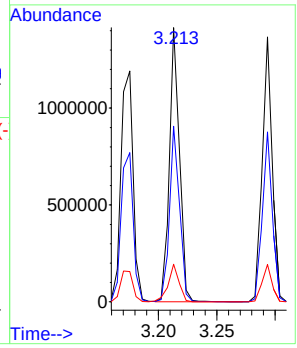


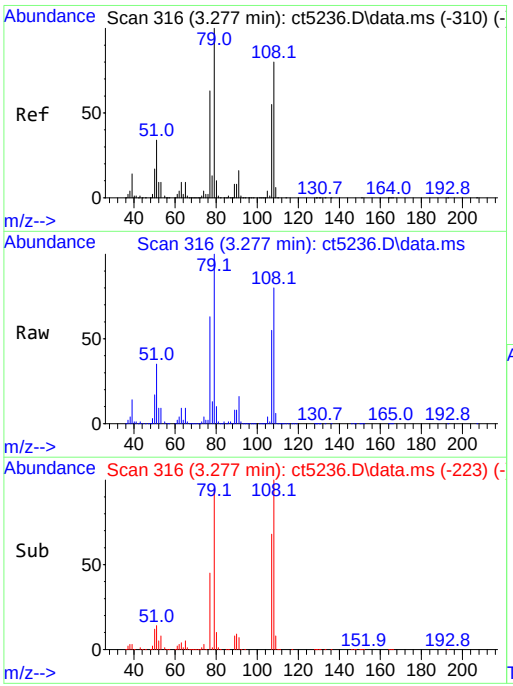


#15
1,4-Dichlorobenzene
Concen: 50.00 ppm
RT: 3.213 min Scan# 304
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:146 Resp: 847813

Ion	Ratio	Lower	Upper
146	100		
148	64.0	34.0	94.0
113	13.5	0.0	43.5

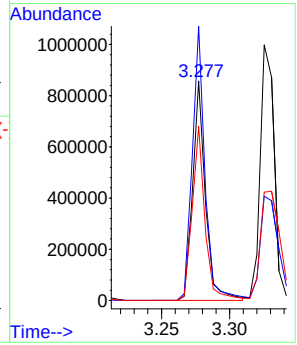


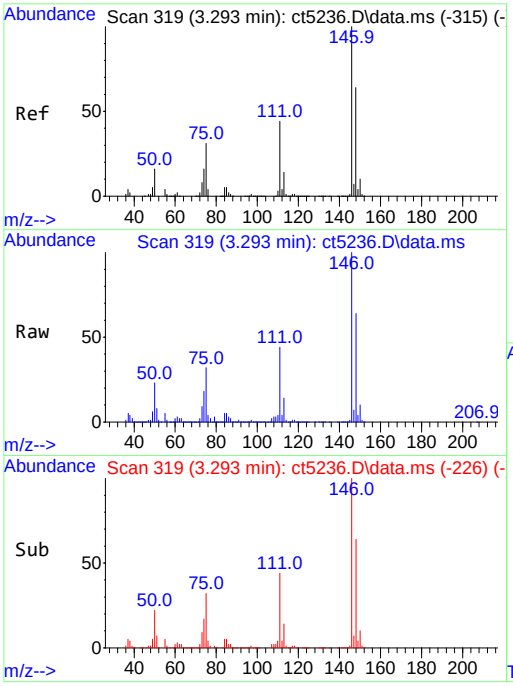


#16
Benzyl alcohol
Concen: 50.00 ppm
RT: 3.277 min Scan# 316
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:108 Resp: 558112

Ion	Ratio	Lower	Upper
108	100		
79	125.0	95.0	155.0
77	79.3	49.3	109.3

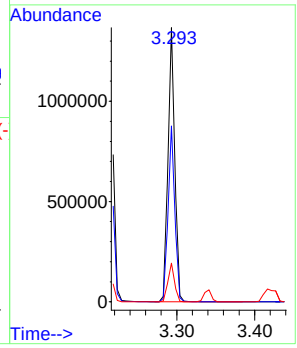


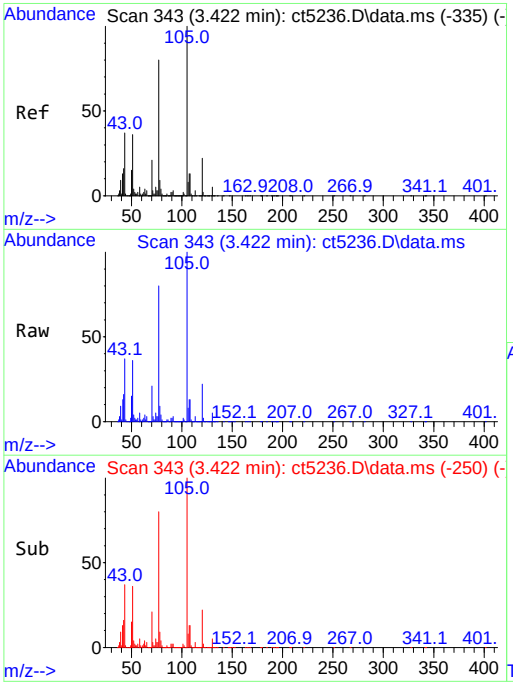


#17
1,2-Dichlorobenzene
Concen: 50.00 ppm
RT: 3.293 min Scan# 319
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:146 Resp: 820075

Ion	Ratio	Lower	Upper
146	100		
148	64.2	34.2	94.2
113	14.1	0.0	44.1

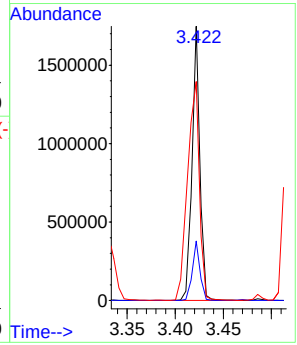


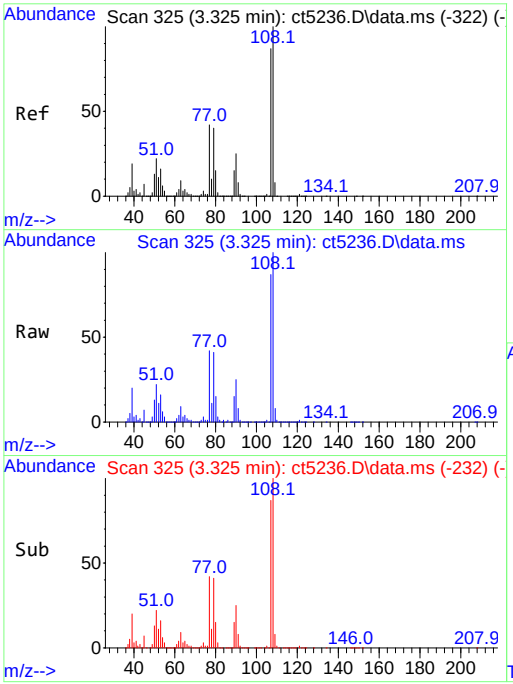


#18
Acetophenone
Concen: 50.00 ppm
RT: 3.422 min Scan# 343
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:105 Resp: 1000884

Ion	Ratio	Lower	Upper
105	100		
120	21.5	0.0	51.5
77	79.8	49.8	109.8

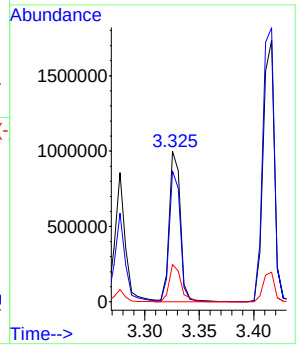


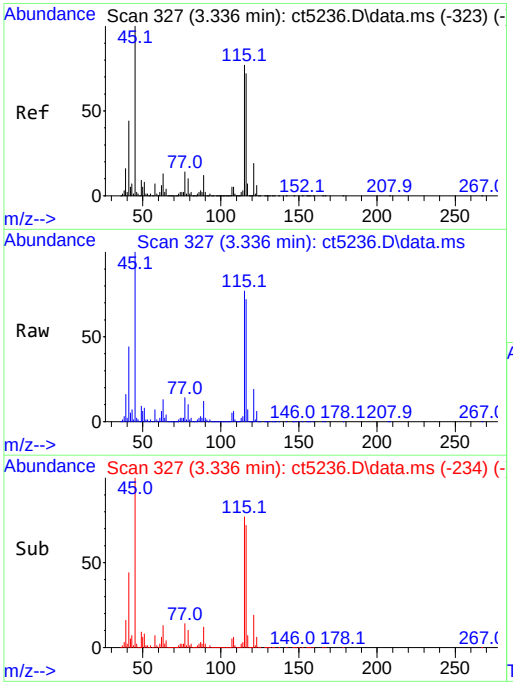


#19
2-Methylphenol
Concen: 50.00 ppm
RT: 3.325 min Scan# 325
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:108 Resp: 715249

Ion	Ratio	Lower	Upper
108	100		
107	87.1	57.1	117.1
90	24.8	0.0	54.8

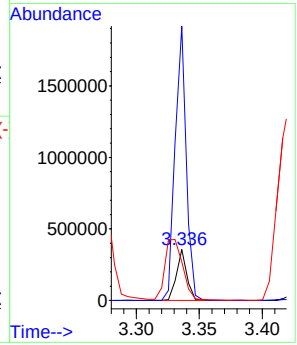


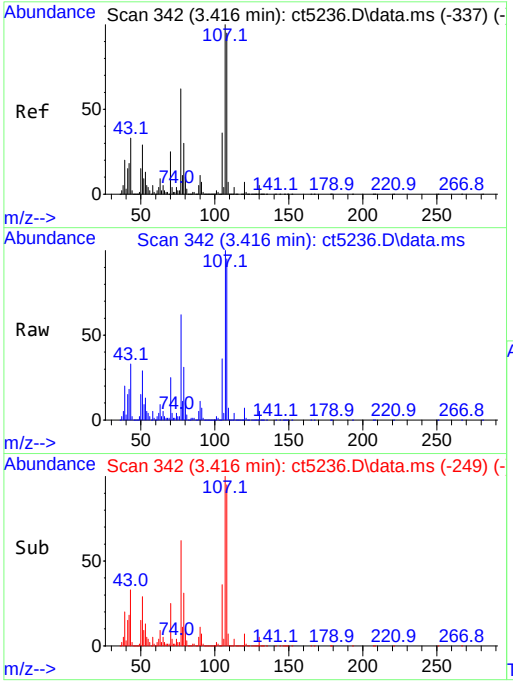


#20
2,2'-oxybis(1-Chloropropane
Concen: 50.00 ppm
RT: 3.336 min Scan# 327
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:121 Resp: 202553

Ion	Ratio	Lower	Upper
121	100		
45	538.3	508.3	568.3
77	74.5	44.5	104.5

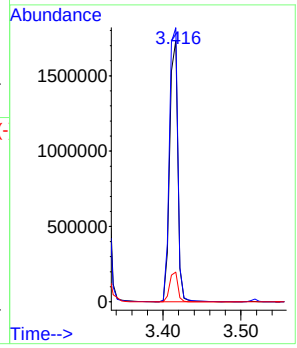


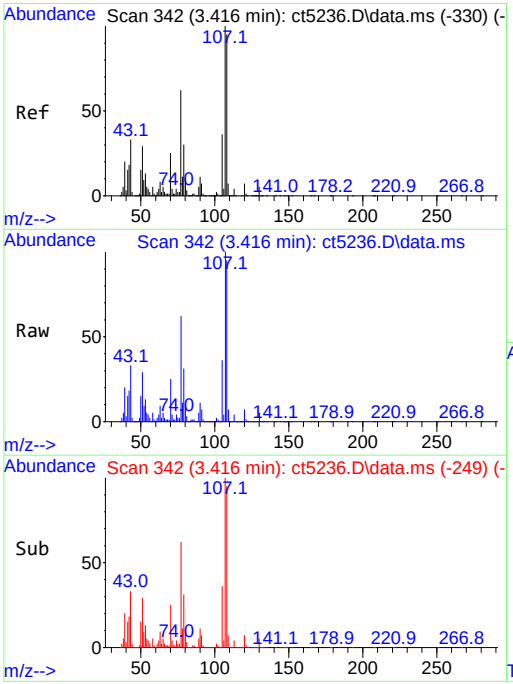


#21
3&4-Methylphenol
Concen: 100.00 ppm
RT: 3.416 min Scan# 342
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:108 Resp: 1246217

Ion	Ratio	Lower	Upper
108	100		
107	104.9	74.9	134.9
90	11.4	0.0	41.4

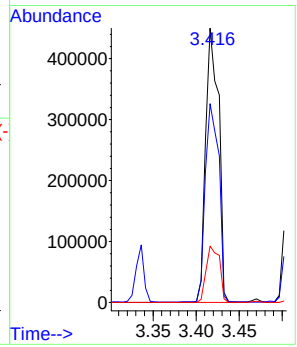


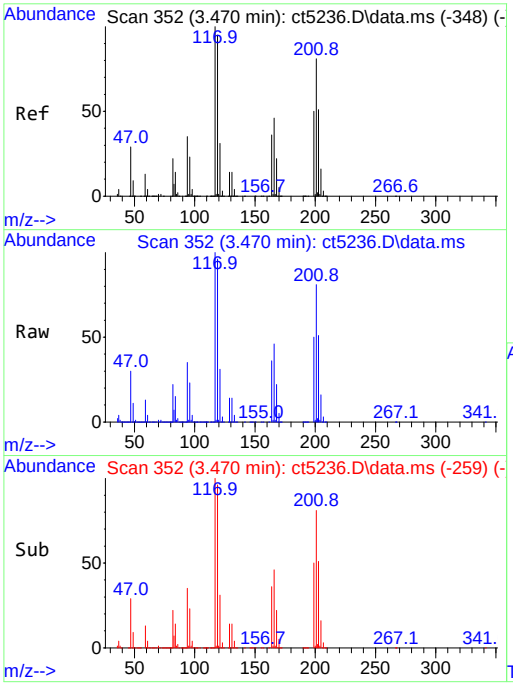


#22
n-Nitroso-di-n-propylamine
Concen: 50.00 ppm
RT: 3.416 min Scan# 342
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 70 Resp: 474679

Ion	Ratio	Lower	Upper
70	100		
42	72.3	42.3	102.3
130	20.5	0.0	50.5

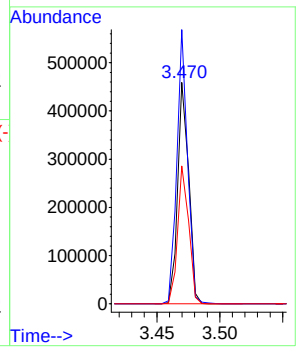


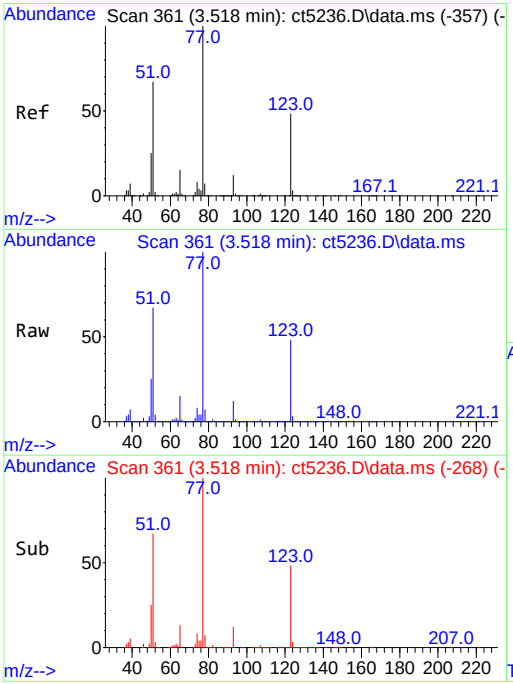


#23
Hexachloroethane
Concen: 50.00 ppm
RT: 3.470 min Scan# 352
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:201 Resp: 277961

Ion	Ratio	Lower	Upper
201	100		
117	123.9	93.9	153.9
199	62.2	32.2	92.2

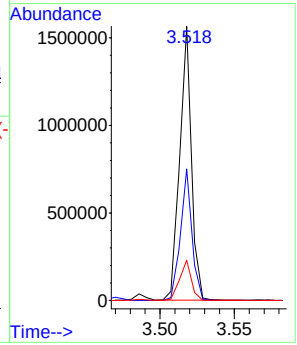


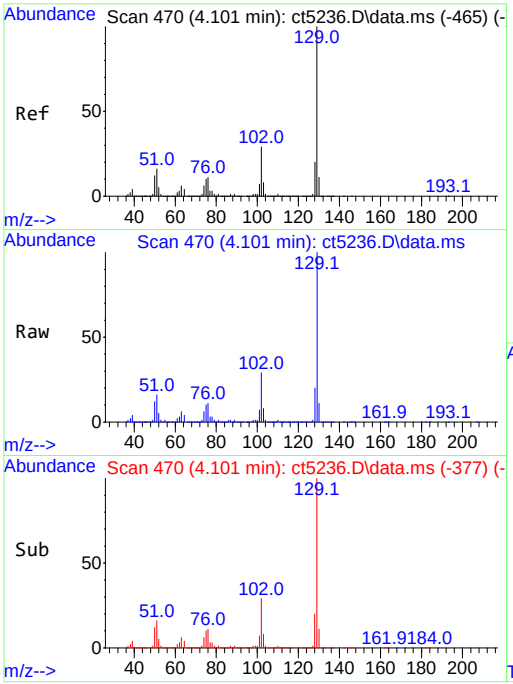


#26
Nitrobenzene
Concen: 50.00 ppm
RT: 3.518 min Scan# 361
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 77 Resp: 861686

Ion	Ratio	Lower	Upper
77	100		
123	48.0	18.0	78.0
65	14.7	0.0	44.7

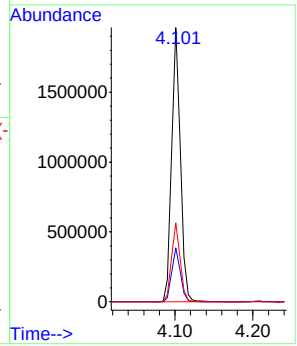


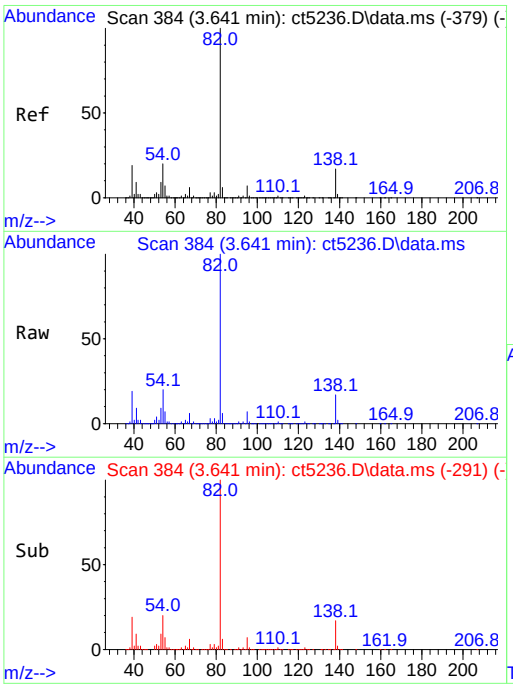


#27
Quinoline
Concen: 50.00 ppm
RT: 4.101 min Scan# 470
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:129 Resp: 1544458

Ion	Ratio	Lower	Upper
129	100		
128	19.7	0.0	49.7
102	28.7	0.0	58.7

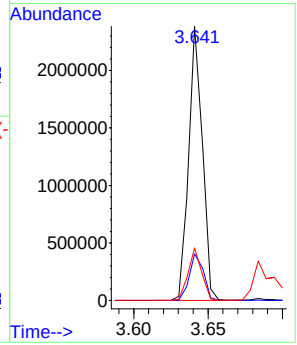


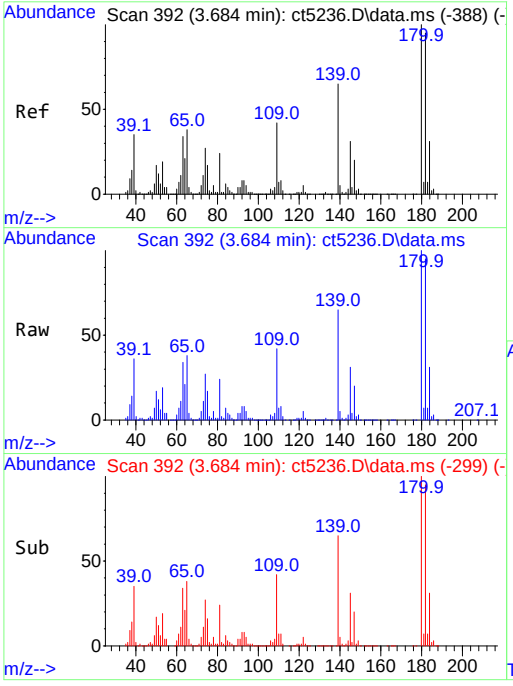


#28
Isophorone
Concen: 50.00 ppm
RT: 3.641 min Scan# 384
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 82 Resp: 1522932

Ion	Ratio	Lower	Upper
82	100		
138	17.0	0.0	47.0
39	19.1	0.0	49.1

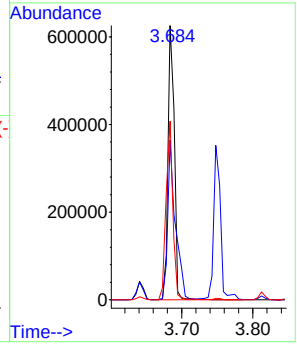


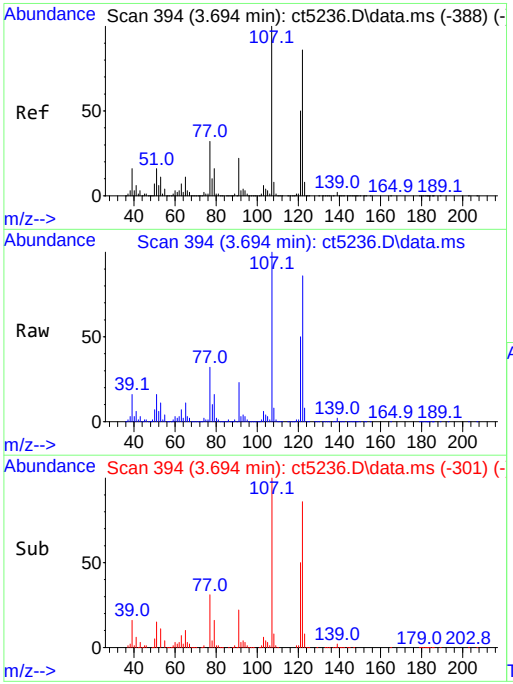


#29
2-Nitrophenol
Concen: 50.00 ppm
RT: 3.684 min Scan# 392
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:139 Resp: 385816

Ion	Ratio	Lower	Upper
139	100		
65	58.1	28.1	88.1
109	65.1	35.1	95.1

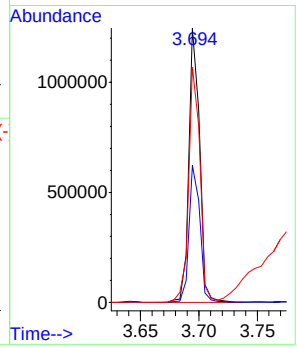


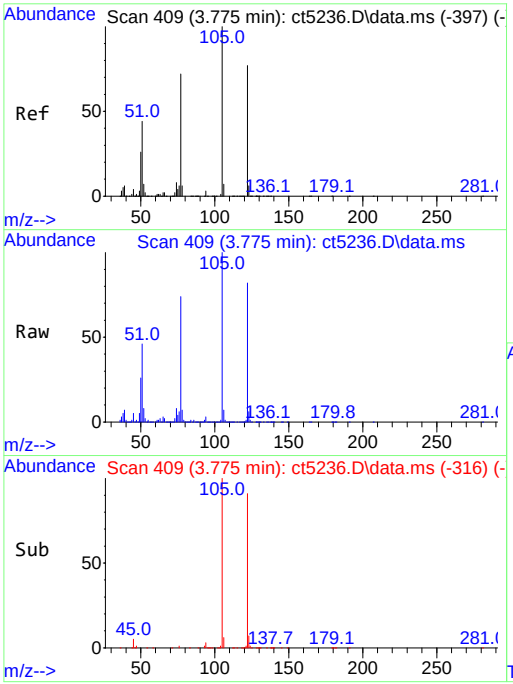


#30
2,4-Dimethylphenol
Concen: 50.00 ppm
RT: 3.694 min Scan# 394
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:107 Resp: 800339

Ion	Ratio	Lower	Upper
107	100		
121	49.9	19.9	79.9
122	81.6	51.6	111.6

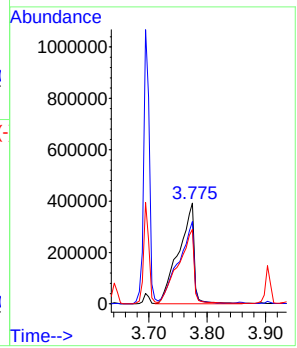


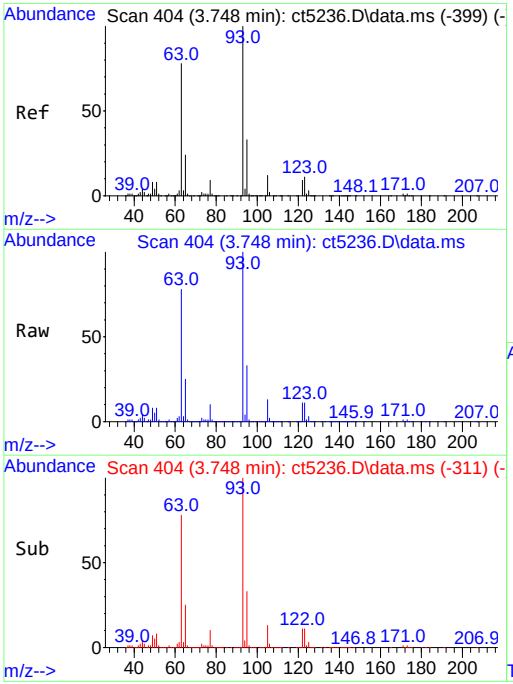


#31
Benzoic acid
Concen: 50.00 ppm
RT: 3.775 min Scan# 409
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:105 Resp: 724883

Ion	Ratio	Lower	Upper
105	100		
122	78.8	48.8	108.8
77	73.0	43.0	103.0

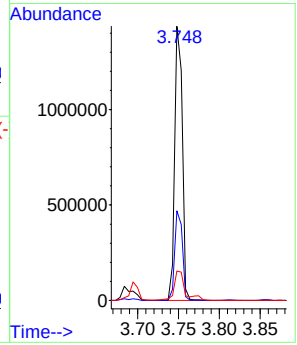


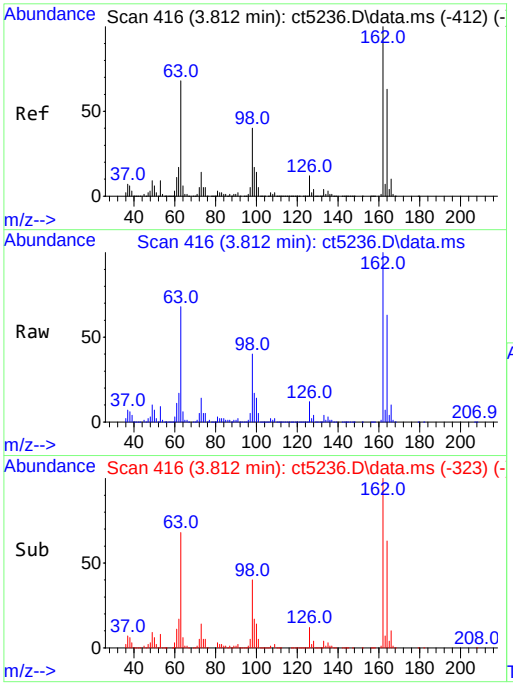


#32
bis(2-Chloroethoxy)methane
Concen: 50.00 ppm
RT: 3.748 min Scan# 404
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 93 Resp: 933697

Ion	Ratio	Lower	Upper
93	100		
95	32.7	2.7	62.7
123	10.7	0.0	40.7

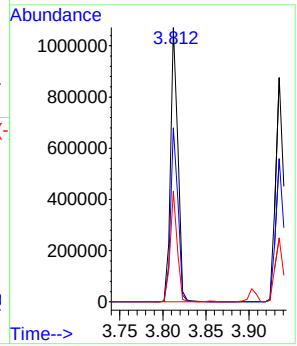


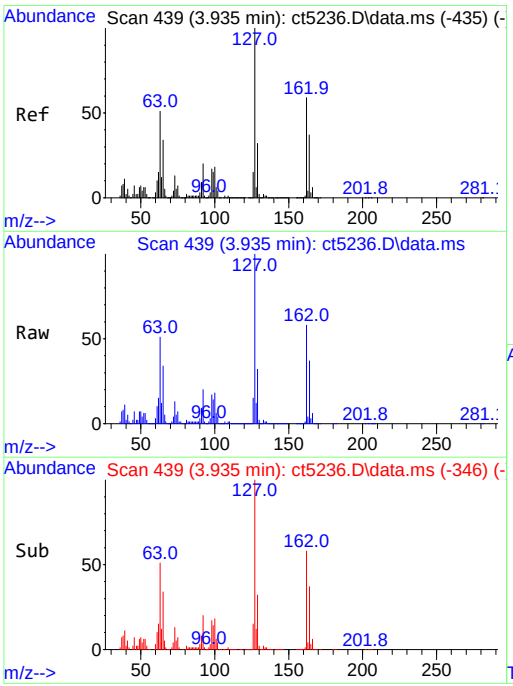


#33
2,4-Dichlorophenol
Concen: 50.00 ppm
RT: 3.812 min Scan# 416
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:162 Resp: 631219

Ion	Ratio	Lower	Upper
162	100		
164	63.4	33.4	93.4
98	40.2	10.2	70.2

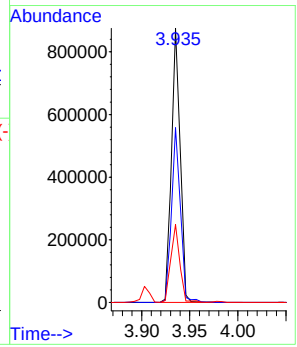


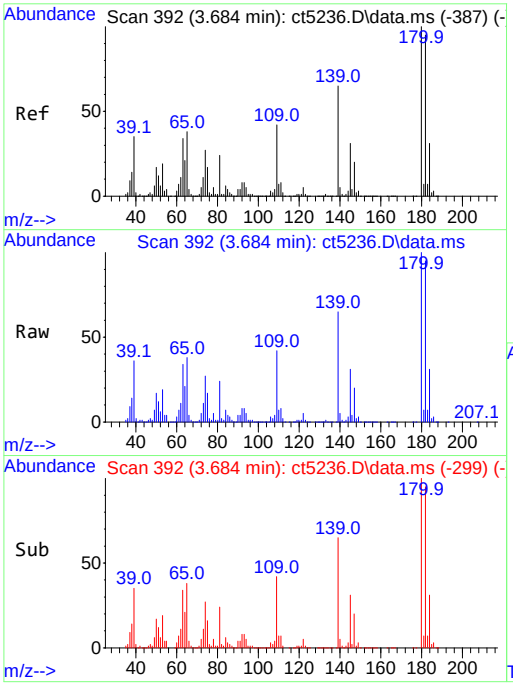


#34
2,6-Dichlorophenol
Concen: 50.00 ppm
RT: 3.935 min Scan# 439
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:162 Resp: 554419

Ion	Ratio	Lower	Upper
162	100		
164	63.8	33.8	93.8
98	28.3	0.0	58.3

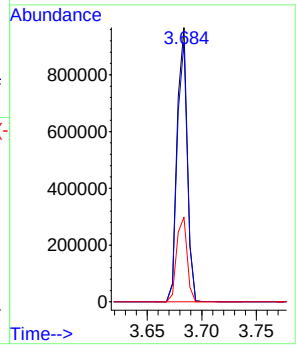


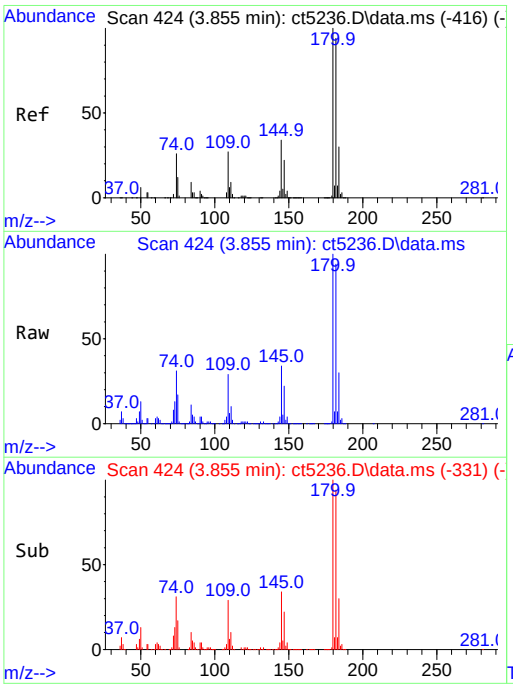


#35
1,3,5-Trichlorobenzene
Concen: 50.00 ppm
RT: 3.684 min Scan# 392
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:180 Resp: 629133

Ion	Ratio	Lower	Upper
180	100		
182	94.6	64.6	124.6
145	30.9	0.9	60.9

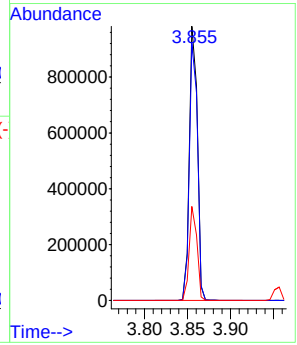


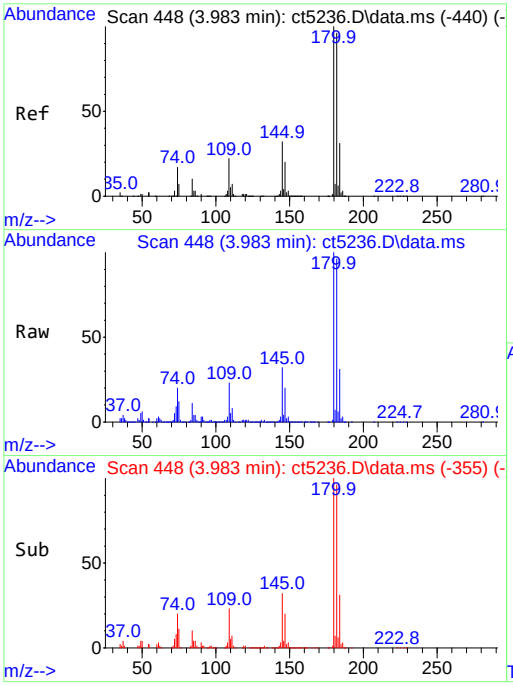


#36
1,2,4-Trichlorobenzene
Concen: 50.00 ppm
RT: 3.855 min Scan# 424
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:180 Resp: 635436

Ion	Ratio	Lower	Upper
180	100		
182	93.6	63.6	123.6
145	34.3	4.3	64.3

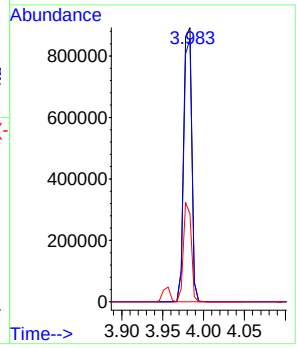


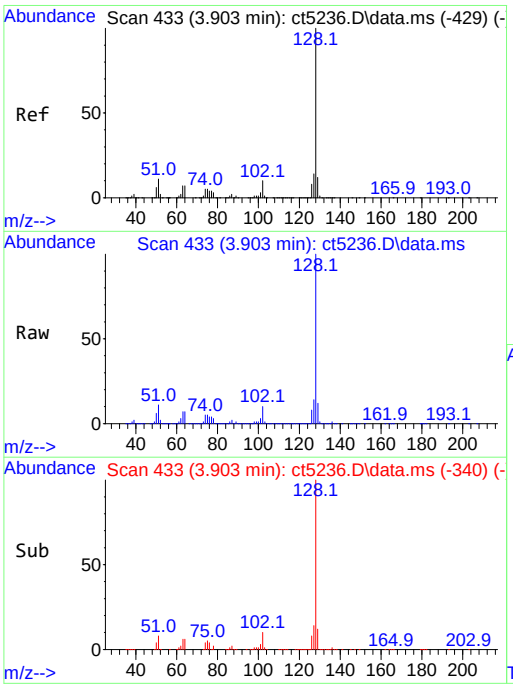


#37
1,2,3-Trichlorobenzene
Concen: 50.00 ppm
RT: 3.983 min Scan# 448
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:180 Resp: 619454

Ion	Ratio	Lower	Upper
180	100		
182	95.9	65.9	125.9
145	32.0	2.0	62.0

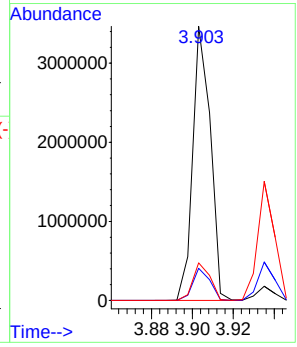


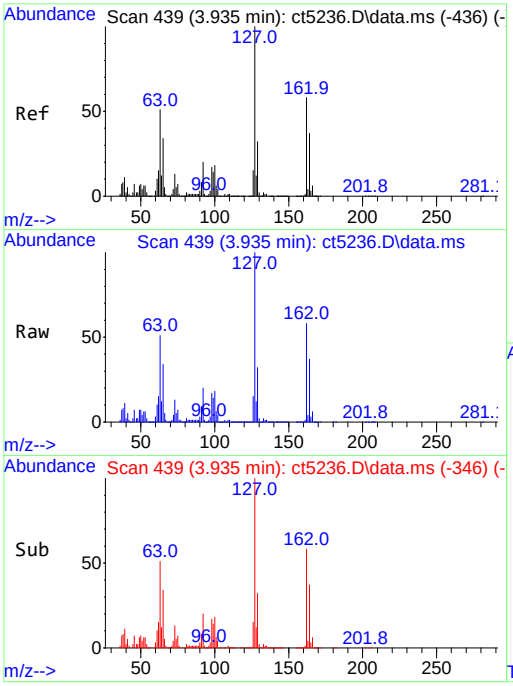


#38
Naphthalene
Concen: 50.00 ppm
RT: 3.903 min Scan# 433
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:128 Resp: 2087789

Ion	Ratio	Lower	Upper
128	100		
129	11.7	0.0	41.7
127	13.6	0.0	43.6

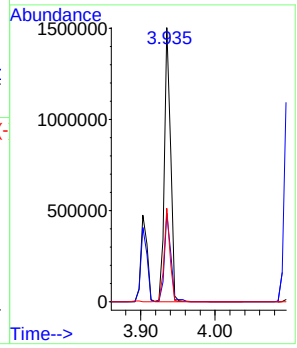


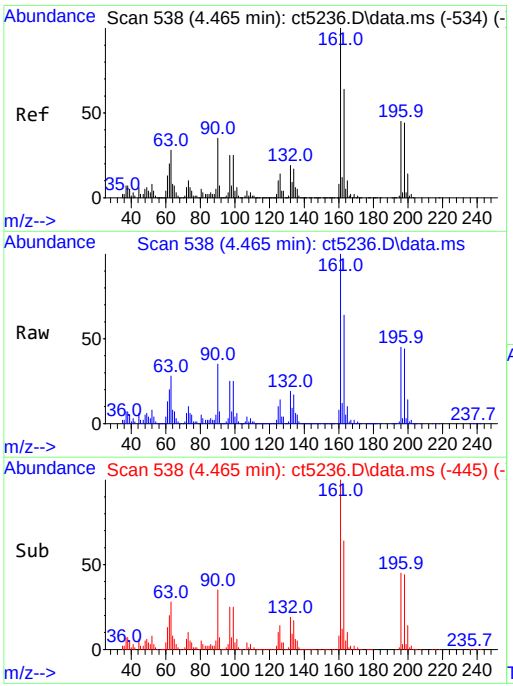


#39
4-Chloroaniline
Concen: 50.00 ppm
RT: 3.935 min Scan# 439
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:127 Resp: 870958

Ion	Ratio	Lower	Upper
127	100		
129	32.2	2.2	62.2
65	34.0	4.0	64.0

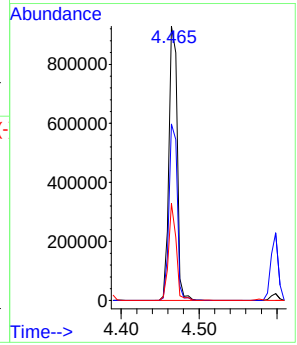


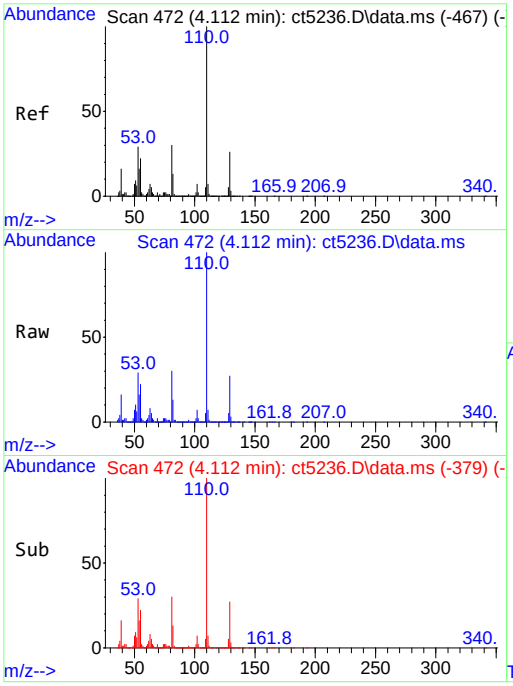


#40
2,3-Dichloroaniline
Concen: 50.00 ppm
RT: 4.465 min Scan# 538
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:161 Resp: 683660

Ion	Ratio	Lower	Upper
161	100		
163	64.3	34.3	94.3
90	35.3	5.3	65.3

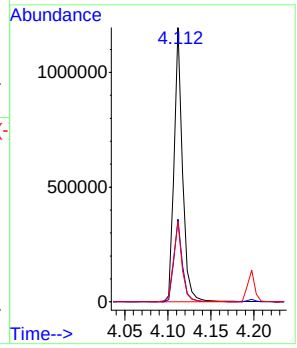


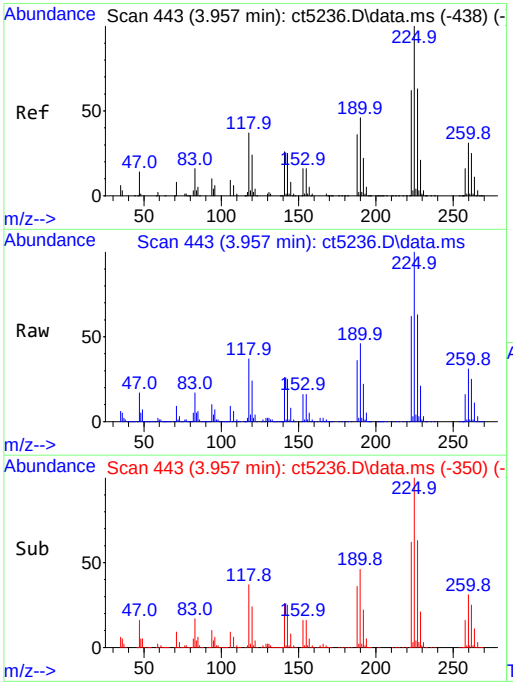


#41
Hydroquinone
Concen: 50.00 ppm
RT: 4.112 min Scan# 472
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:110 Resp: 808238

Ion	Ratio	Lower	Upper
110	100		
81	30.1	0.1	60.1
53	29.2	0.0	59.2

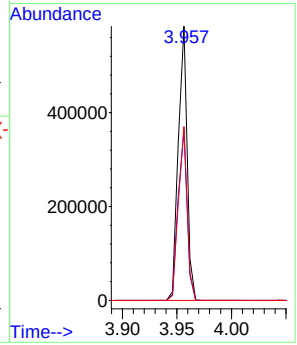


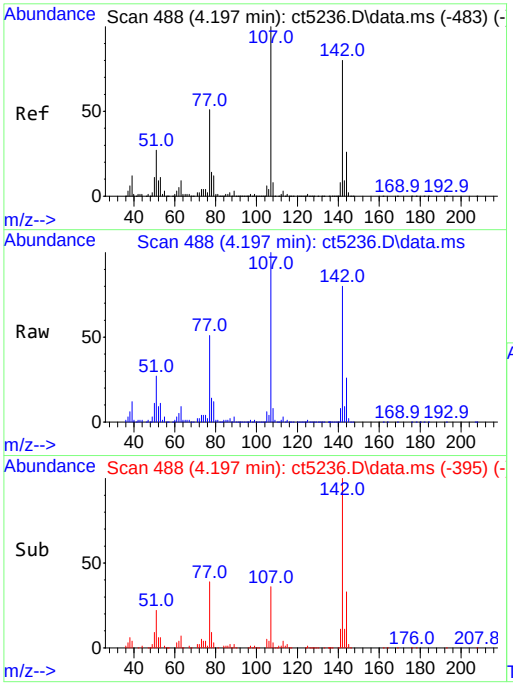


#42
Hexachlorobutadiene
Concen: 50.00 ppm
RT: 3.957 min Scan# 443
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:225 Resp: 330813

Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.1	92.1
227	63.3	33.3	93.3

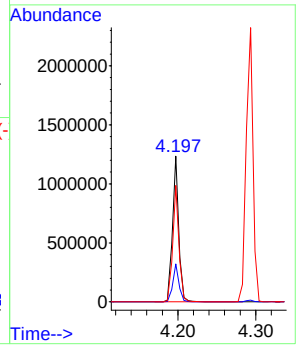


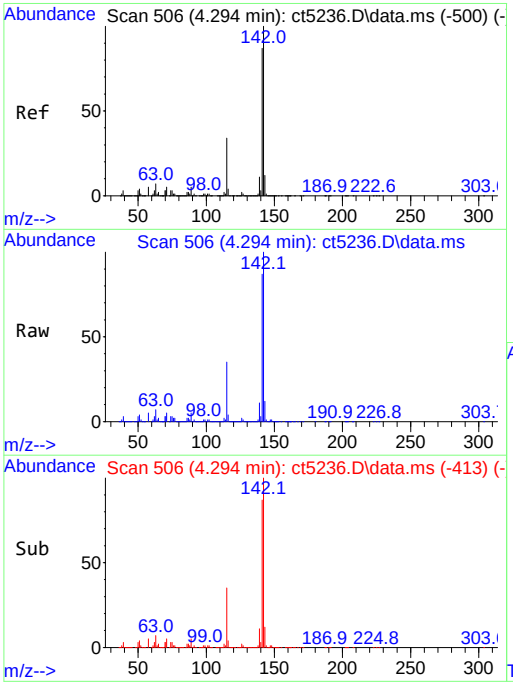


#43
4-Chloro-3-methylphenol
Concen: 50.00 ppm
RT: 4.197 min Scan# 488
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:107 Resp: 698397

Ion	Ratio	Lower	Upper
107	100		
144	25.9	0.0	55.9
142	73.8	43.8	103.8

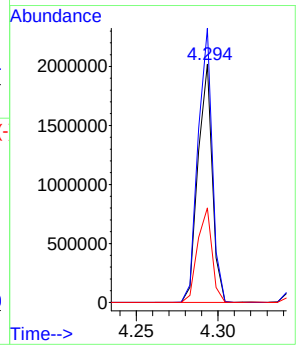


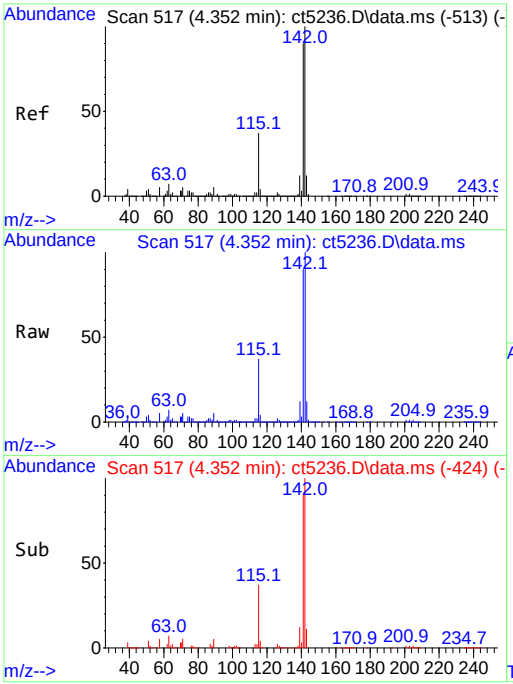


#44
2-Methylnaphthalene
Concen: 50.00 ppm
RT: 4.294 min Scan# 506
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:141 Resp: 1227858

Ion	Ratio	Lower	Upper
141	100		
142	115.2	85.2	145.2
115	39.7	9.7	69.7

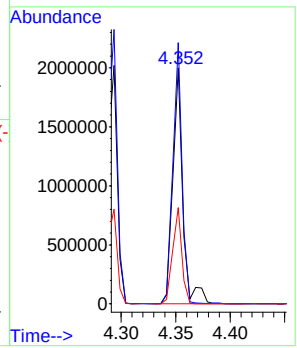


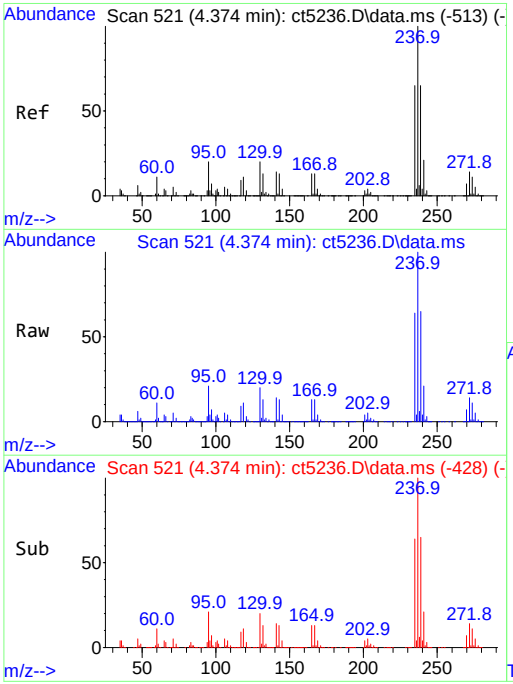


#45
1-Methylnaphthalene
Concen: 50.00 ppm
RT: 4.352 min Scan# 517
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:141 Resp: 1280232

Ion	Ratio	Lower	Upper
141	100		
142	110.8	80.8	140.8
115	40.8	10.8	70.8

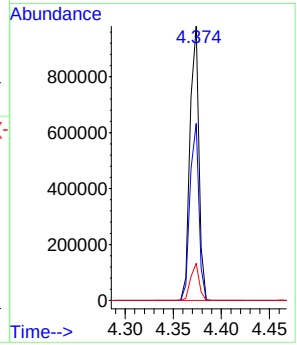


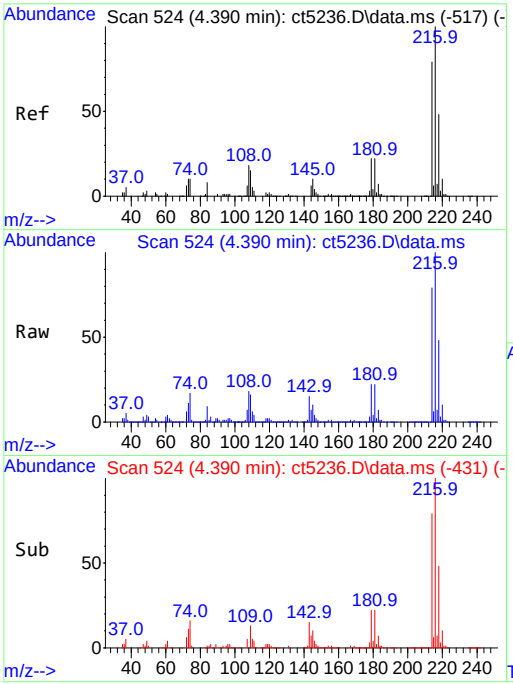


#47
Hexachlorocyclopentadiene
Concen: 100.00 ppm
RT: 4.374 min Scan# 521
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:237 Resp: 638372

Ion	Ratio	Lower	Upper
237	100		
235	64.5	34.5	94.5
272	13.6	0.0	43.6

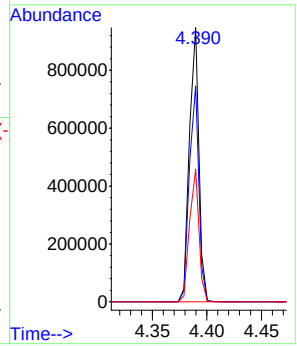


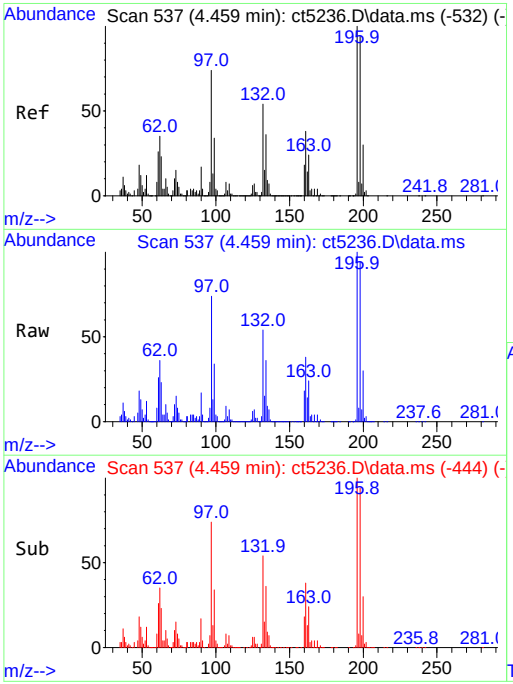


#48
1,2,4,5-tetrachlorobenzene
Concen: 50.00 ppm
RT: 4.390 min Scan# 524
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:216 Resp: 572069

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
218	48.0	38.4	57.6

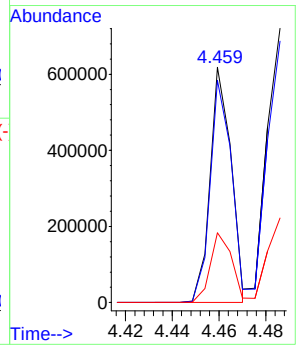


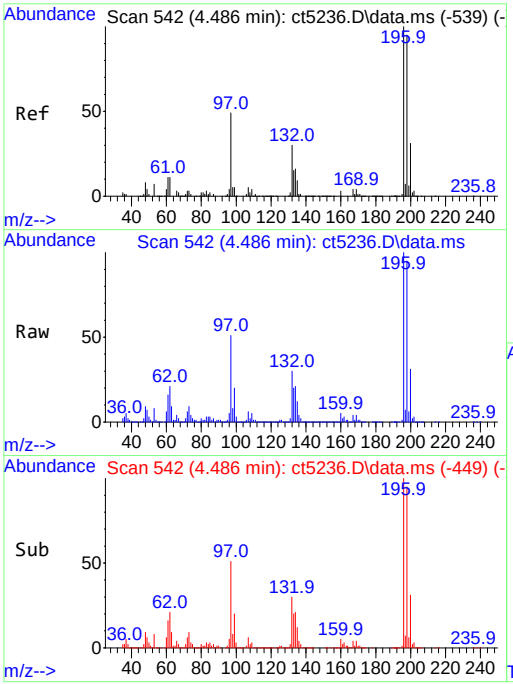


#49
2,4,6-Trichlorophenol
Concen: 50.00 ppm
RT: 4.459 min Scan# 537
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:196 Resp: 385853

Ion	Ratio	Lower	Upper
196	100		
198	94.2	64.2	124.2
200	29.5	0.0	59.5

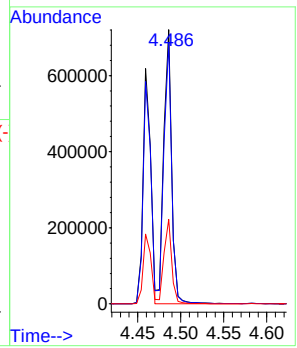


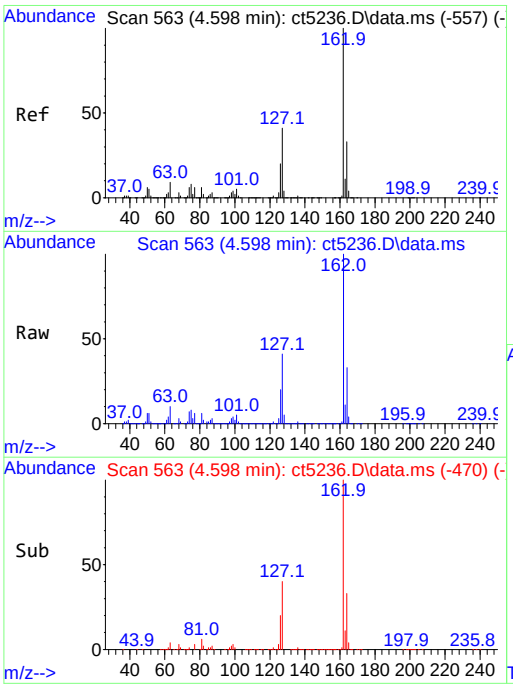


#50
2,4,5-Trichlorophenol
Concen: 50.00 ppm
RT: 4.486 min Scan# 542
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:196 Resp: 460924

Ion	Ratio	Lower	Upper
196	100		
198	95.2	65.2	125.2
200	30.7	0.7	60.7

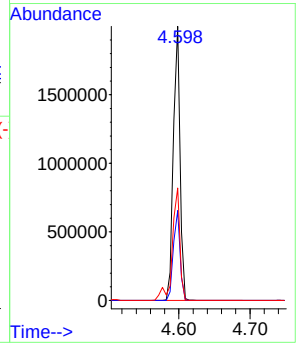


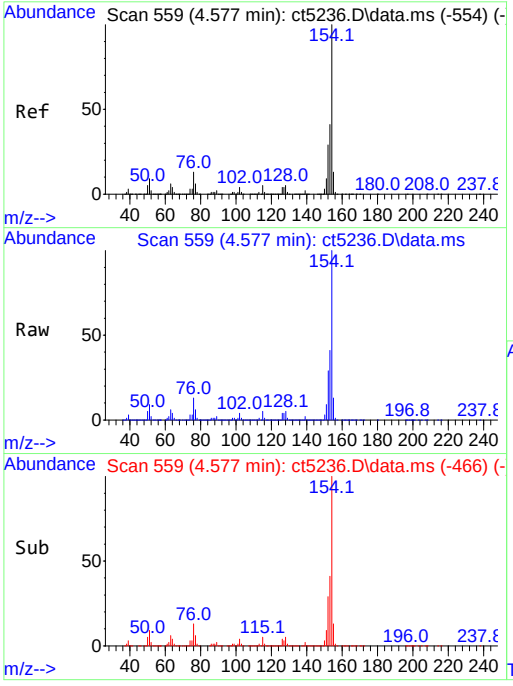


#52
2-Chloronaphthalene
Concen: 50.00 ppm
RT: 4.598 min Scan# 563
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:162 Resp: 1298022

Ion	Ratio	Lower	Upper
162	100		
164	32.8	2.8	62.8
127	41.0	11.0	71.0

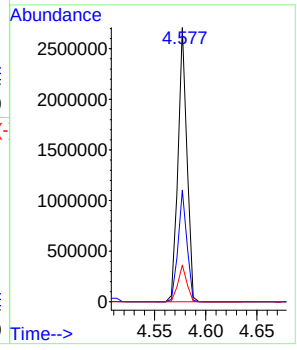


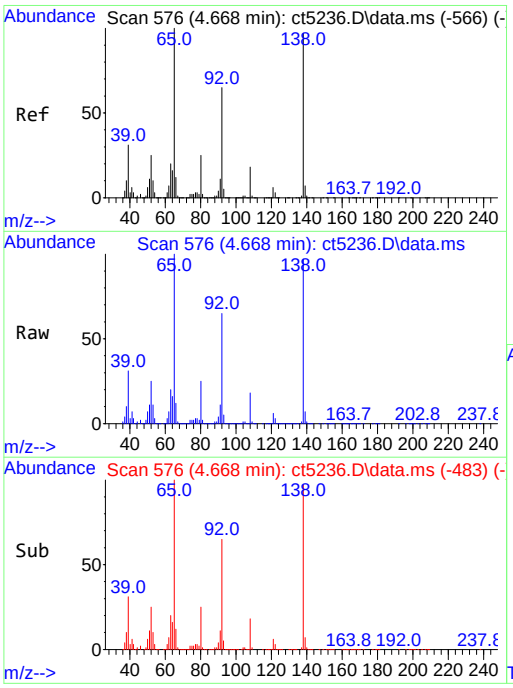


#53
Biphenyl
Concen: 50.00 ppm
RT: 4.577 min Scan# 559
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:154 Resp: 1651719

Ion	Ratio	Lower	Upper
154	100		
153	40.7	10.7	70.7
155	13.5	0.0	43.5

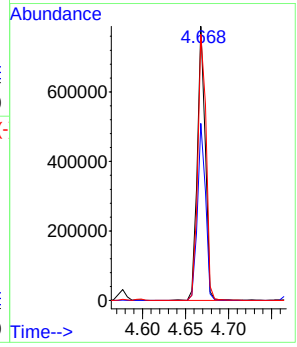


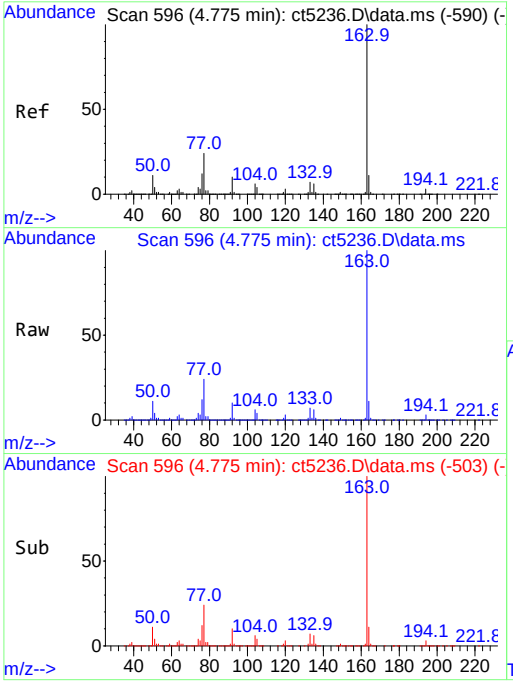


#54
2-Nitroaniline
Concen: 50.00 ppm
RT: 4.668 min Scan# 576
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 65 Resp: 517252

Ion	Ratio	Lower	Upper
65	100		
92	64.6	34.6	94.6
138	97.0	67.0	127.0

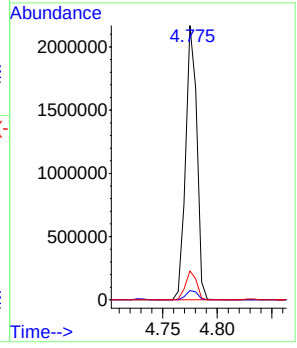


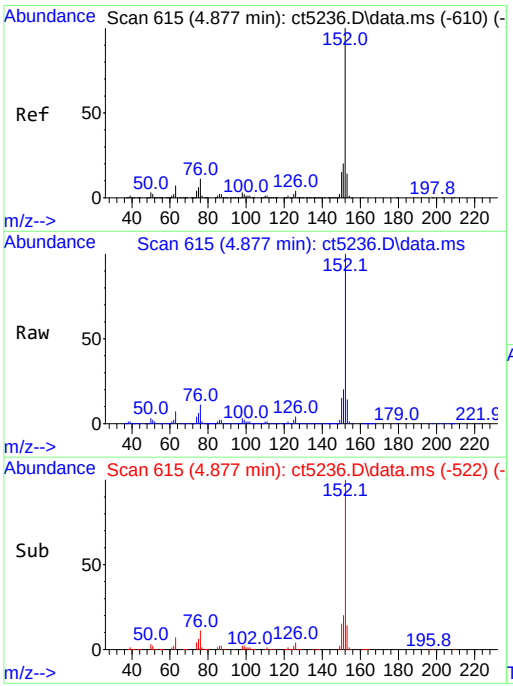


#55
Dimethylphthalate
Concen: 50.00 ppm
RT: 4.775 min Scan# 596
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:163 Resp: 1545904

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	33.4
164	10.5	0.0	40.5

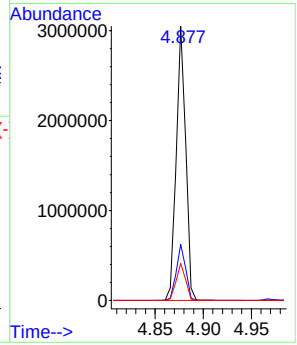


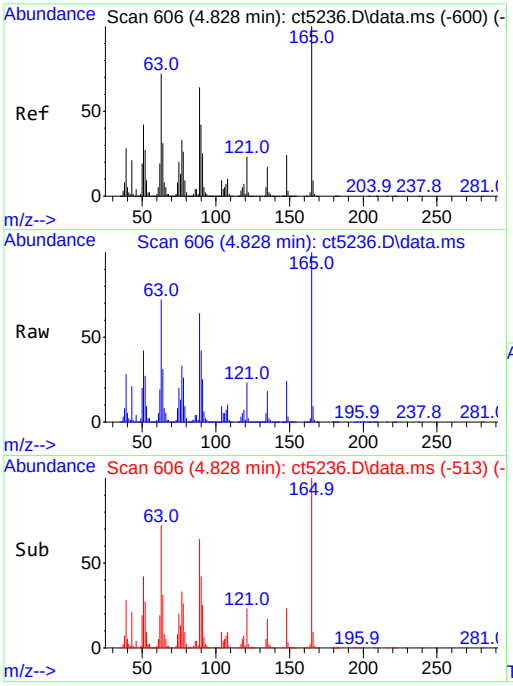


#56
Acenaphthylene
Concen: 50.00 ppm
RT: 4.877 min Scan# 615
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:152 Resp: 2071435

Ion	Ratio	Lower	Upper
152	100		
151	20.4	0.0	50.4
153	13.6	0.0	43.6

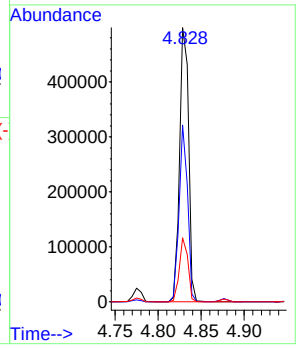


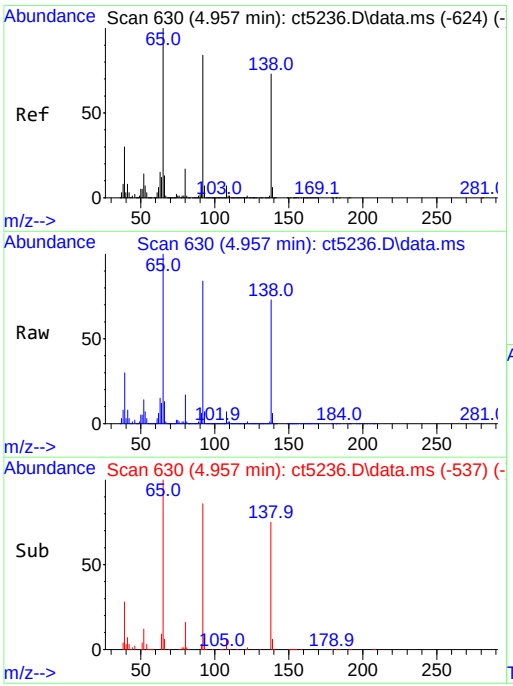


#57
2,6-Dinitrotoluene
Concen: 50.00 ppm
RT: 4.828 min Scan# 606
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:165 Resp: 362564

Ion	Ratio	Lower	Upper
165	100		
89	64.4	34.4	94.4
121	23.3	0.0	53.3

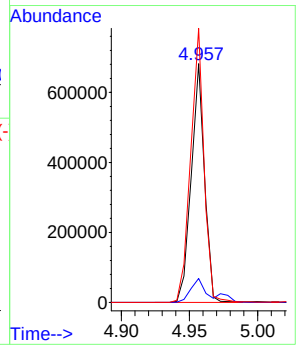


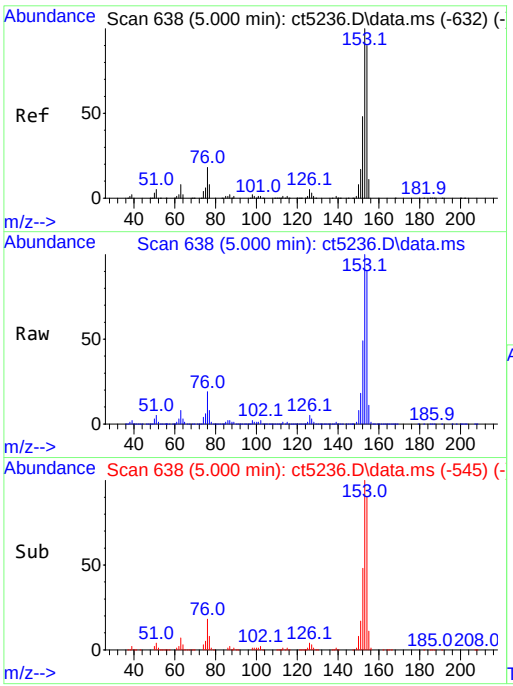


#58
3-Nitroaniline
Concen: 50.00 ppm
RT: 4.957 min Scan# 630
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:138 Resp: 458913

Ion	Ratio	Lower	Upper
138	100		
108	10.1	0.0	40.1
92	114.8	84.8	144.8

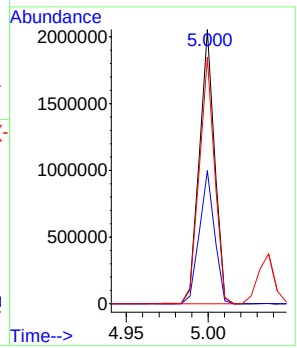


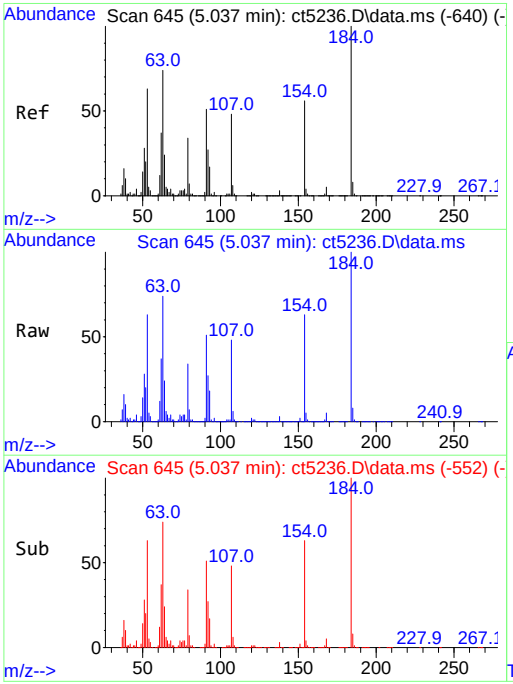


#59
Acenaphthene
Concen: 50.00 ppm
RT: 5.000 min Scan# 638
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:153 Resp: 1342165

Ion	Ratio	Lower	Upper
153	100		
152	48.5	18.5	78.5
154	89.7	59.7	119.7

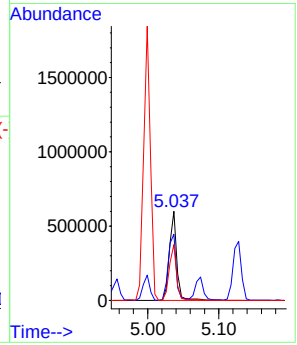


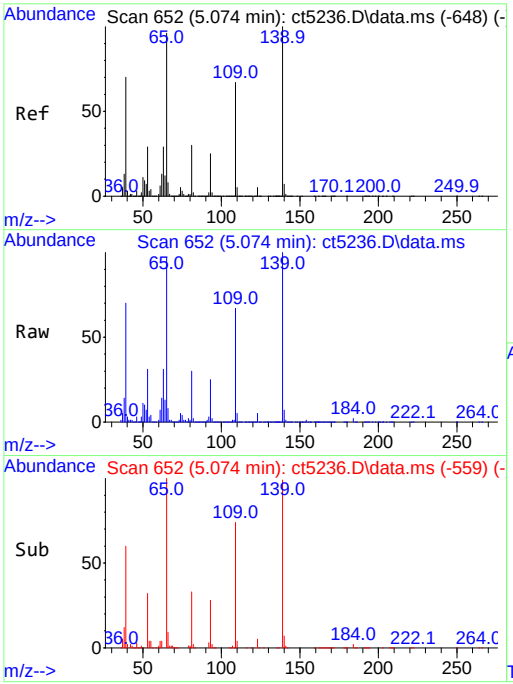


#60
2,4-Dinitrophenol
Concen: 100.00 ppm
RT: 5.037 min Scan# 645
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:184 Resp: 432277

Ion	Ratio	Lower	Upper
184	100		
63	62.3	32.3	92.3
154	59.0	29.0	89.0

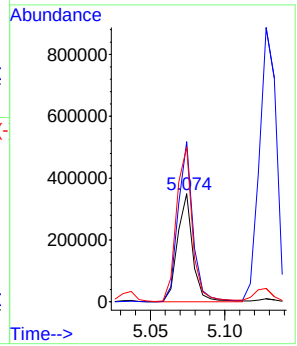


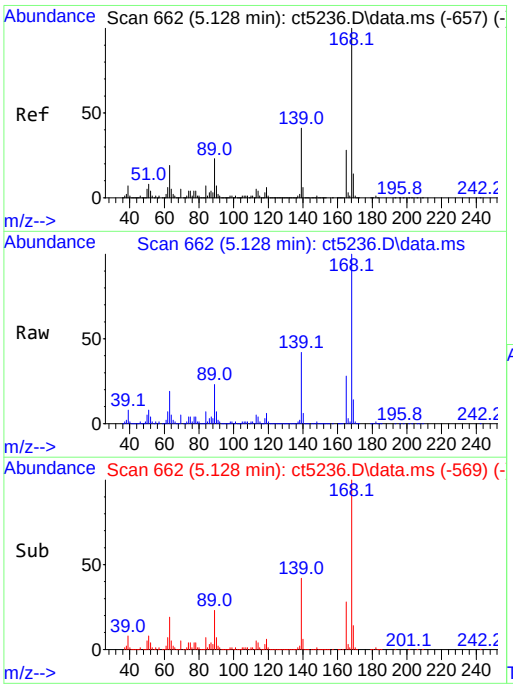


#61
4-Nitrophenol
Concen: 50.00 ppm
RT: 5.074 min Scan# 652
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:109 Resp: 249964

Ion	Ratio	Lower	Upper
109	100		
139	148.3	118.3	178.3
65	143.1	113.1	173.1

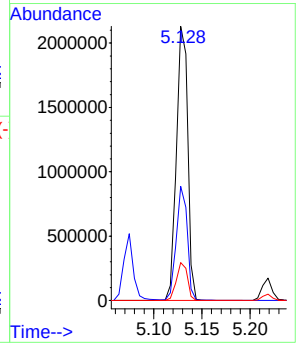


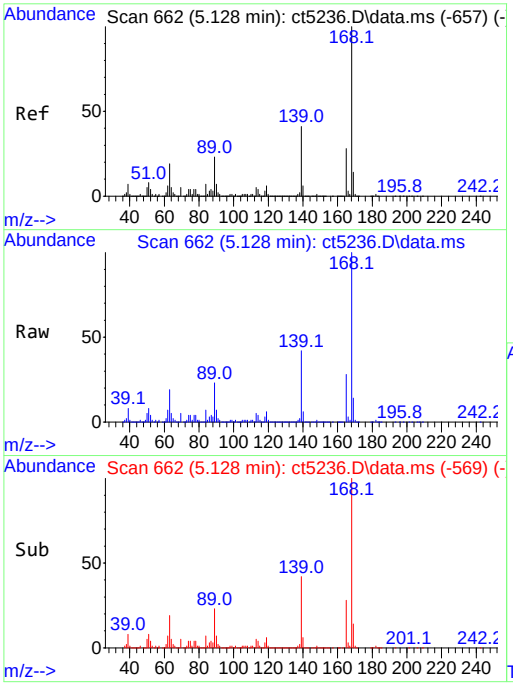


#62
Dibenzofuran
Concen: 50.00 ppm
RT: 5.128 min Scan# 662
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:168 Resp: 1737192

Ion	Ratio	Lower	Upper
168	100		
139	41.5	11.5	71.5
169	13.8	0.0	43.8

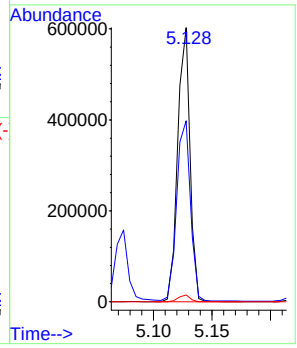


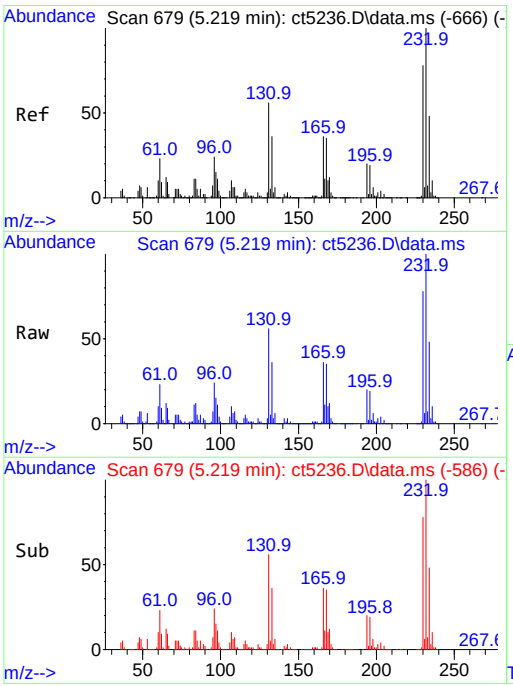


#63
2,4-Dinitrotoluene
Concen: 50.00 ppm
RT: 5.128 min Scan# 662
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:165 Resp: 440731

Ion	Ratio	Lower	Upper
165	100		
63	65.6	35.6	95.6
182	2.5	0.0	32.5

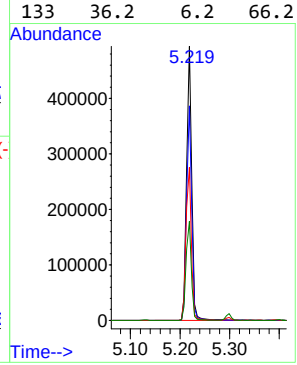


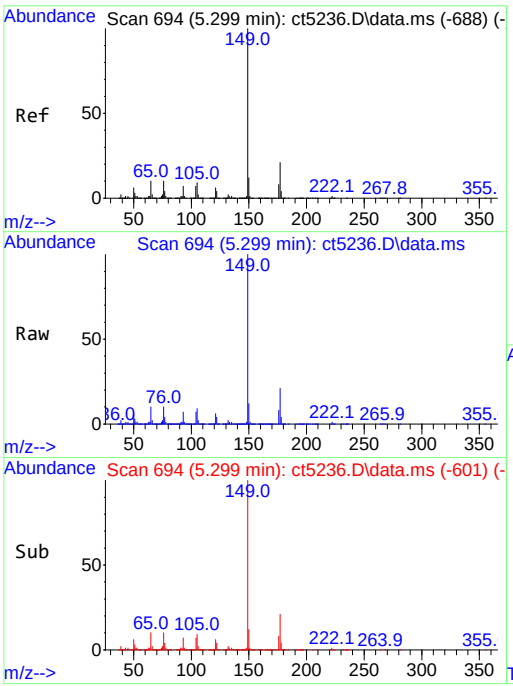


#64
2,3,4,6-Tetrachlorophenol
Concen: 50.00 ppm
RT: 5.219 min Scan# 679
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:232 Resp: 351962

Ion	Ratio	Lower	Upper
232	100		
230	78.2	48.2	108.2
131	55.8	25.8	85.8
133	36.2	6.2	66.2

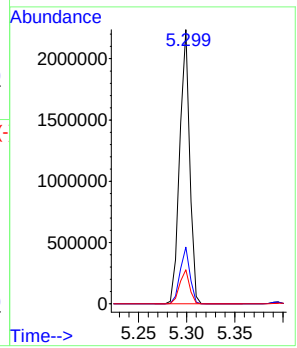


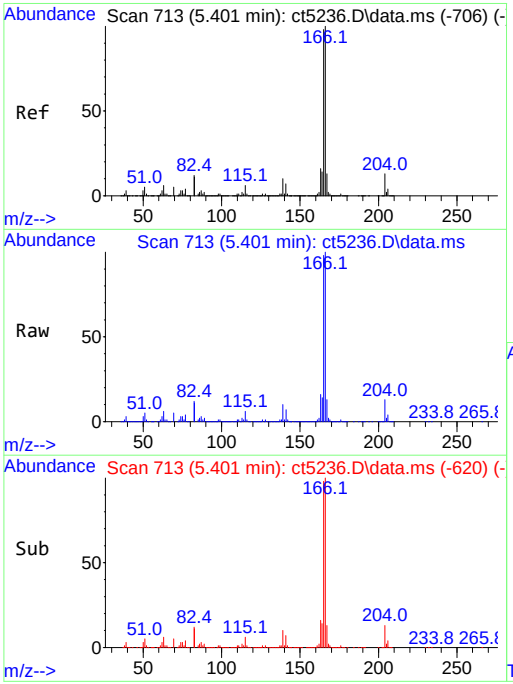


#65
Diethylphthalate
Concen: 50.00 ppm
RT: 5.299 min Scan# 694
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:149 Resp: 1603964

Ion	Ratio	Lower	Upper
149	100		
177	20.7	0.0	50.7
150	12.5	0.0	42.5

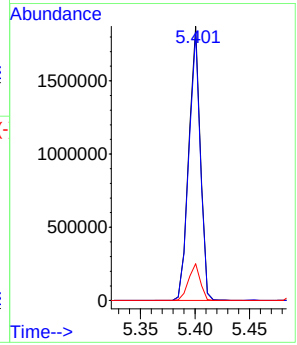


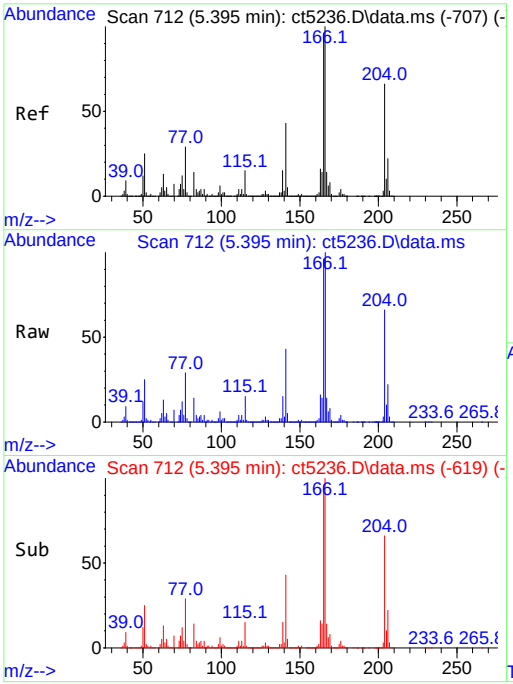


#66
Fluorene
Concen: 50.00 ppm
RT: 5.401 min Scan# 713
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:166 Resp: 1373972

Ion	Ratio	Lower	Upper
166	100		
165	97.6	67.6	127.6
167	13.4	0.0	43.4

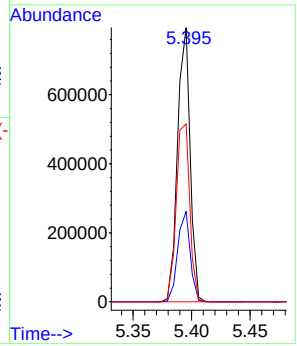


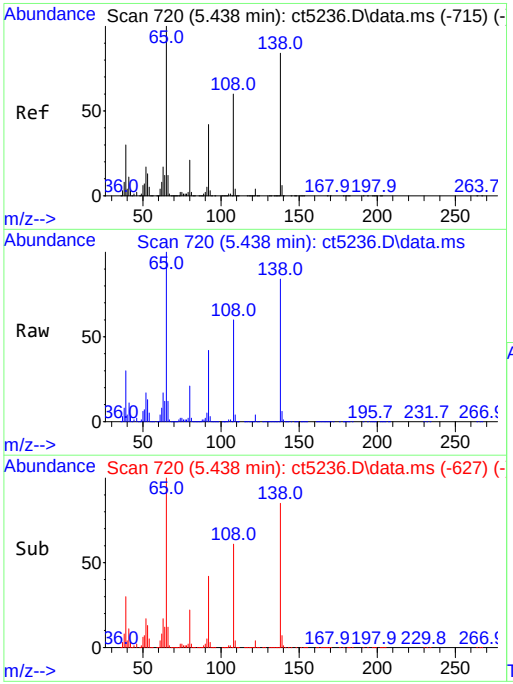


#67
4-Chlorophenyl-phenylether
Concen: 50.00 ppm
RT: 5.395 min Scan# 712
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:204 Resp: 595524

Ion	Ratio	Lower	Upper
204	100		
206	32.9	2.9	62.9
141	64.9	34.9	94.9

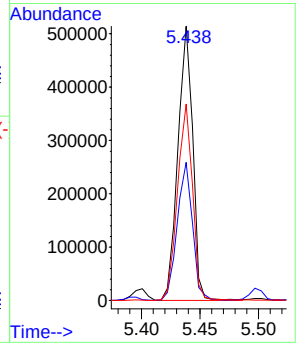


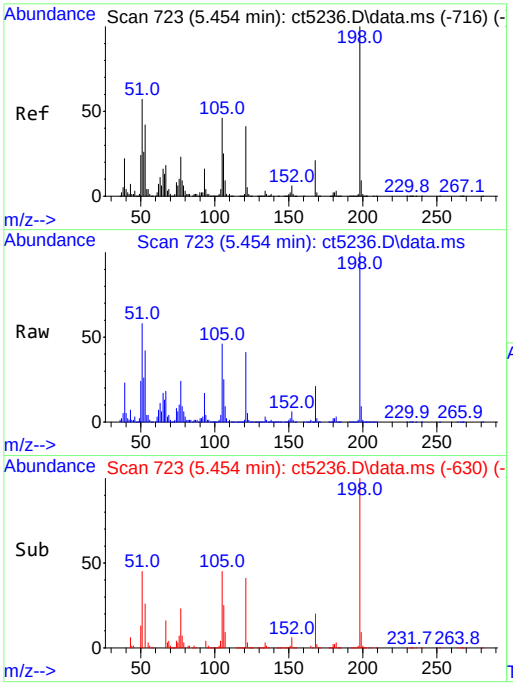


#68
4-Nitroaniline
Concen: 50.00 ppm
RT: 5.438 min Scan# 720
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:138 Resp: 453842

Ion	Ratio	Lower	Upper
138	100		
92	50.2	20.2	80.2
108	71.6	41.6	101.6

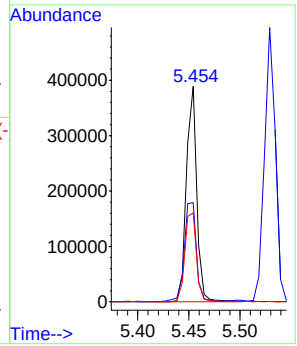


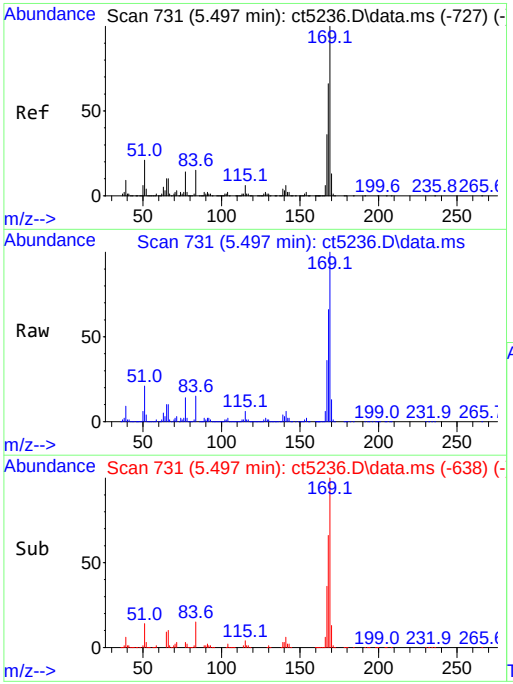


#70
4,6-Dinitro-2-methylphenol
Concen: 50.00 ppm
RT: 5.454 min Scan# 723
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:198 Resp: 275993

Ion	Ratio	Lower	Upper
198	100		
105	45.6	15.6	75.6
121	41.4	11.4	71.4

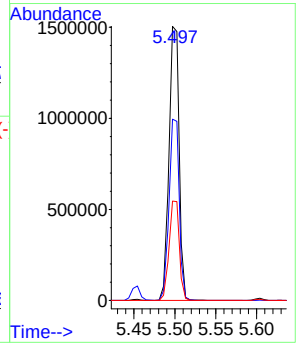


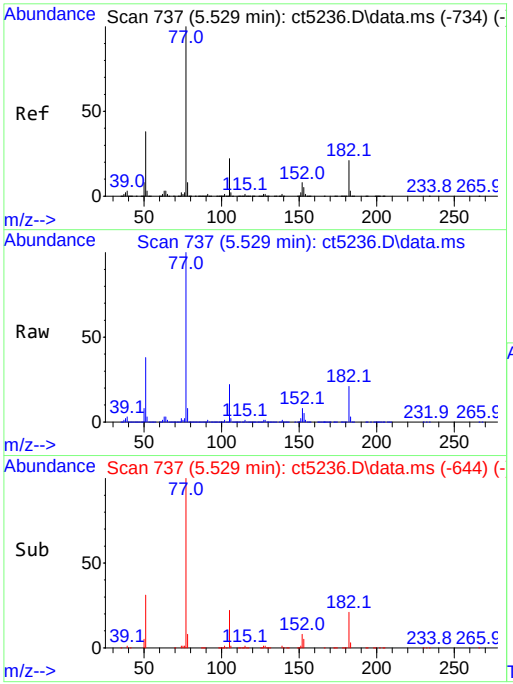


#71
n-Nitrosodiphenylamine
Concen: 50.00 ppm
RT: 5.497 min Scan# 731
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:169 Resp: 1280364

Ion	Ratio	Lower	Upper
169	100		
168	66.0	36.0	96.0
167	36.2	6.2	66.2

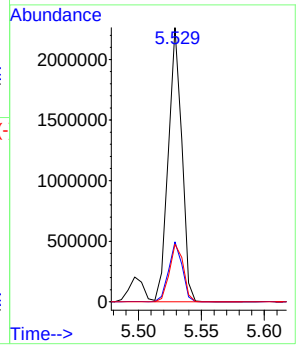


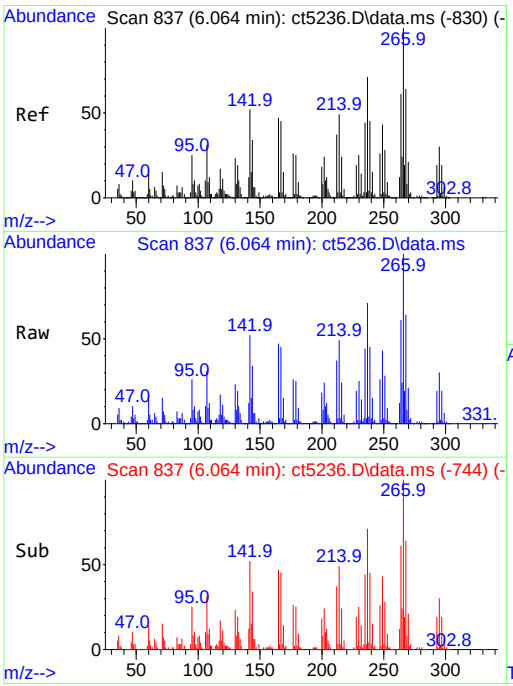


#72
1,2-Diphenylhydrazine
Concen: 50.00 ppm
RT: 5.529 min Scan# 737
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 77 Resp: 1688257

Ion	Ratio	Lower	Upper
77	100		
105	21.9	0.0	51.9
182	21.0	0.0	51.0

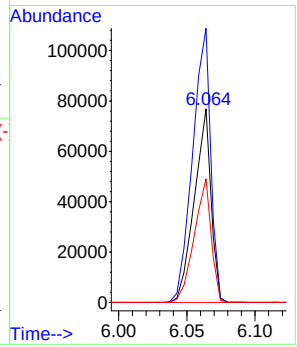


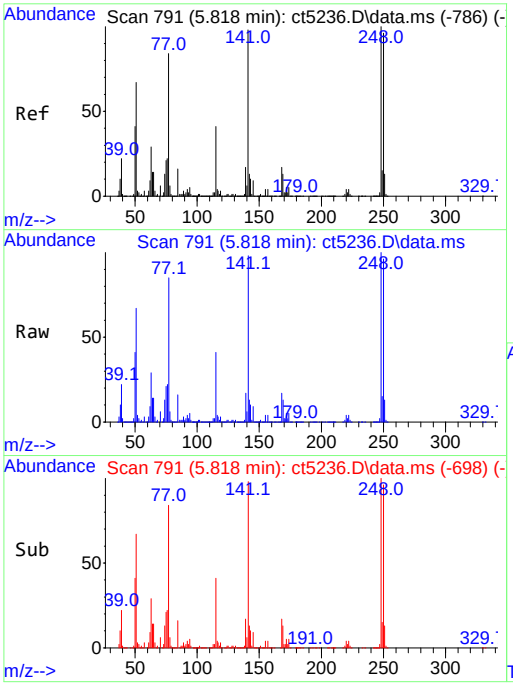


#73
pentachloronitrobenzene
Concen: 50.00 ppm
RT: 6.064 min Scan# 837
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:295 Resp: 65635

Ion	Ratio	Lower	Upper
295	100		
249	152.3	121.8	182.8
297	64.6	51.7	77.5

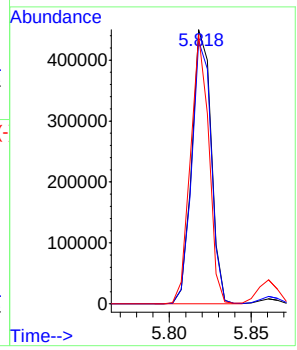


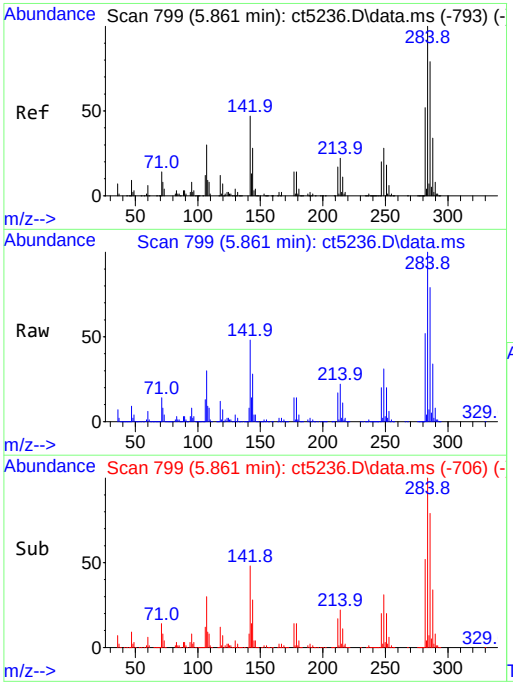


#75
4-Bromophenyl-phenylether
Concen: 50.00 ppm
RT: 5.818 min Scan# 791
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:248 Resp: 372348

Ion	Ratio	Lower	Upper
248	100		
250	95.9	65.9	125.9
141	98.1	68.1	128.1

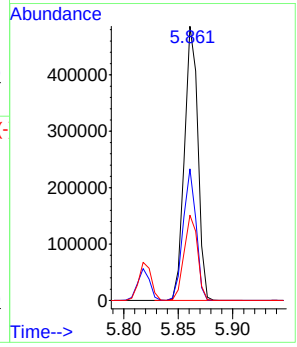


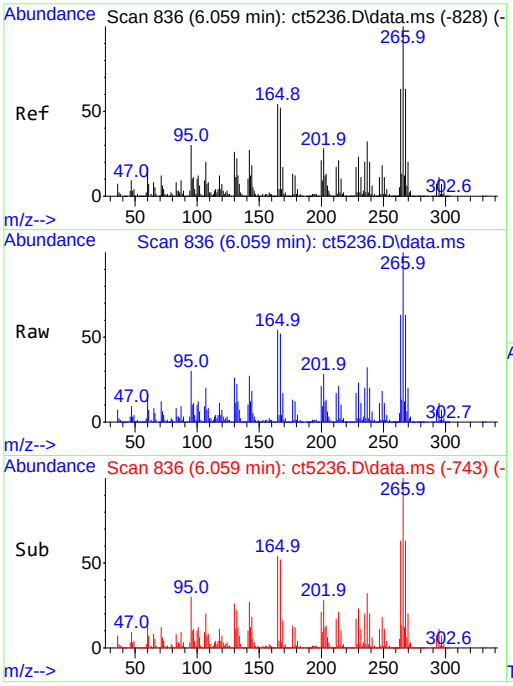


#76
Hexachlorobenzene
Concen: 50.00 ppm
RT: 5.861 min Scan# 799
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:284 Resp: 417014

Ion	Ratio	Lower	Upper
284	100		
142	47.4	17.4	77.4
249	29.7	0.0	59.7

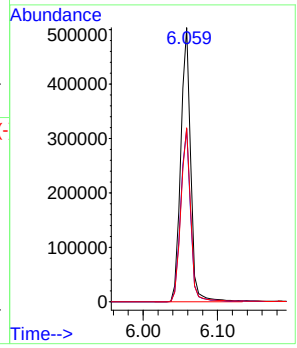


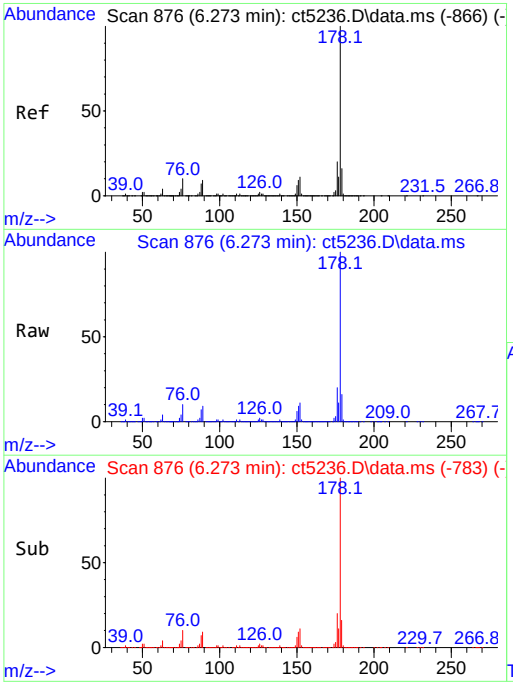


#77
Pentachlorophenol
Concen: 100.00 ppm
RT: 6.059 min Scan# 836
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:266 Resp: 467862

Ion	Ratio	Lower	Upper
266	100		
264	62.9	32.9	92.9
268	63.4	33.4	93.4

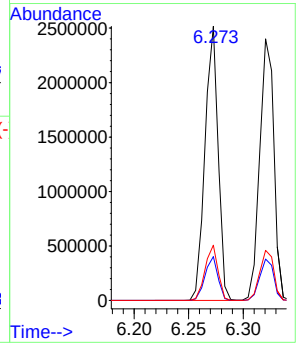


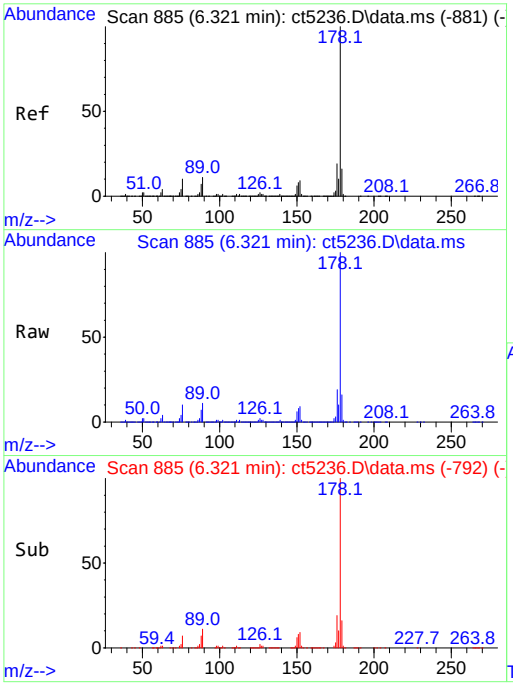


#78
Phenanthrene
Concen: 50.00 ppm
RT: 6.273 min Scan# 876
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:178 Resp: 2115548

Ion	Ratio	Lower	Upper
178	100		
179	16.1	0.0	46.1
176	20.2	0.0	50.2

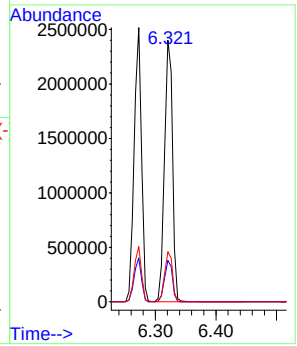


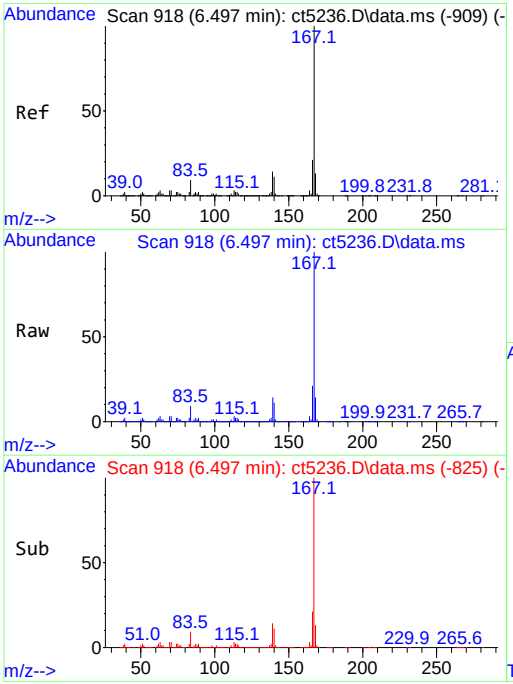


#79
Anthracene
Concen: 50.00 ppm
RT: 6.321 min Scan# 885
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:178 Resp: 2184682

Ion	Ratio	Lower	Upper
178	100		
179	15.8	0.0	45.8
176	19.2	0.0	49.2

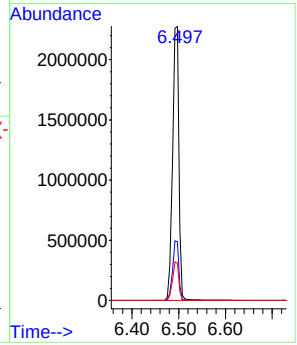


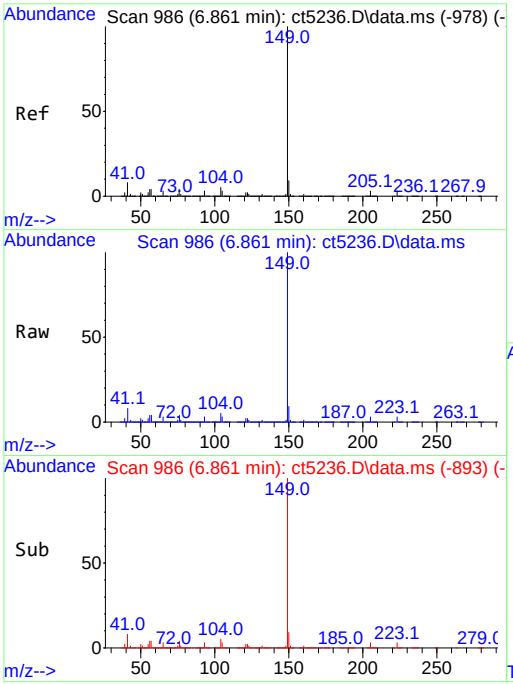


#80
Carbazole
Concen: 50.00 ppm
RT: 6.497 min Scan# 918
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:167 Resp: 2160973

Ion	Ratio	Lower	Upper
167	100		
166	21.5	0.0	51.5
139	13.6	0.0	43.6

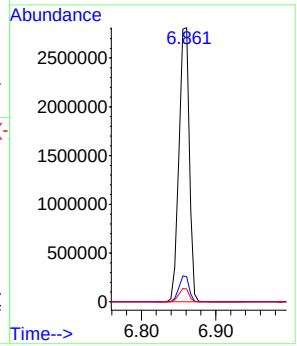


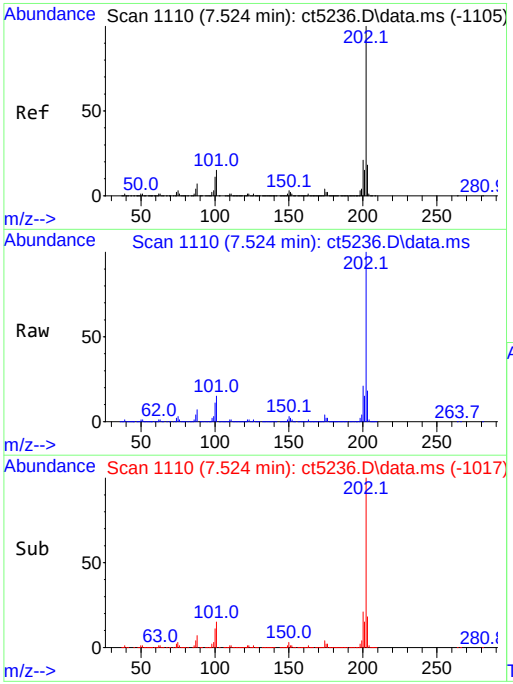


#81
Di-n-butylphthalate
Concen: 50.00 ppm
RT: 6.861 min Scan# 986
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:149 Resp: 2729477

Ion	Ratio	Lower	Upper
149	100		
150	9.2	0.0	39.2
104	4.7	0.0	34.7

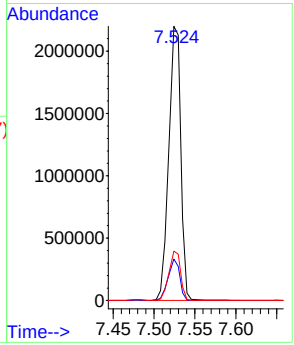


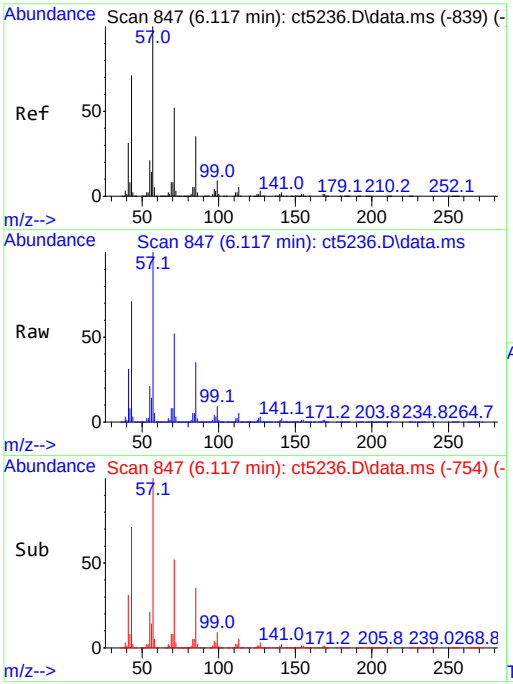


#82
Fluoranthene
Concen: 50.00 ppm
RT: 7.524 min Scan# 1110
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:202 Resp: 2240330

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	45.1
203	17.9	0.0	47.9

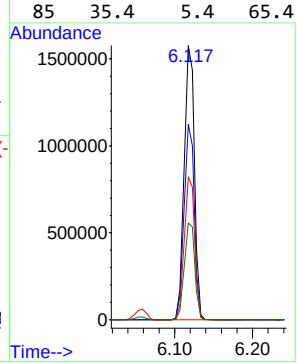


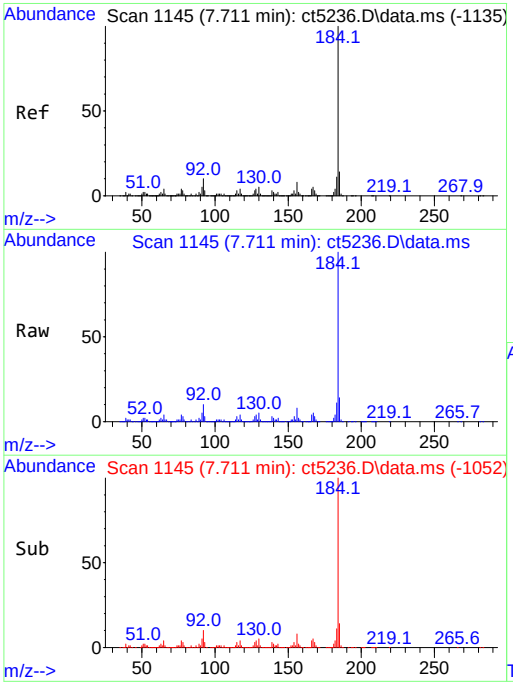


#83
Octadecane
Concen: 50.00 ppm
RT: 6.117 min Scan# 847
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion: 57 Resp: 1437718

Ion	Ratio	Lower	Upper
57	100		
43	71.3	41.3	101.3
71	52.1	22.1	82.1
85	35.4	5.4	65.4

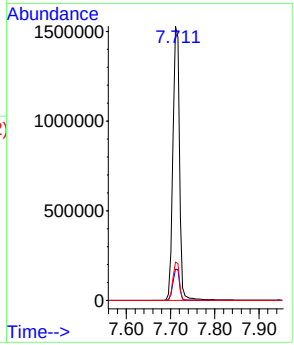


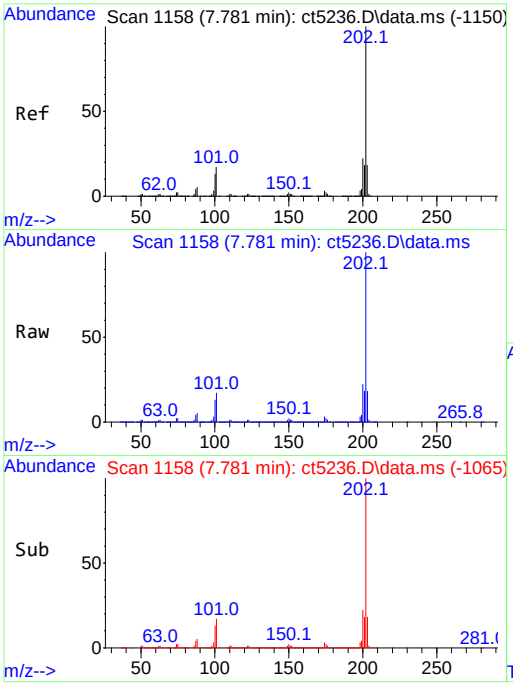


#85
benzidine
Concen: 50.00 ppm
RT: 7.711 min Scan# 1145
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:184 Resp: 1569054

Ion	Ratio	Lower	Upper
184	100		
183	11.4	9.1	13.7
185	13.9	11.1	16.7

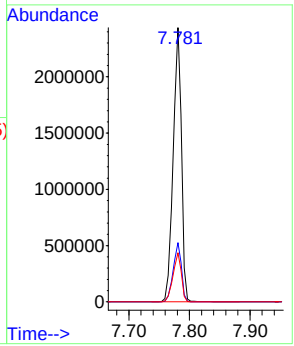


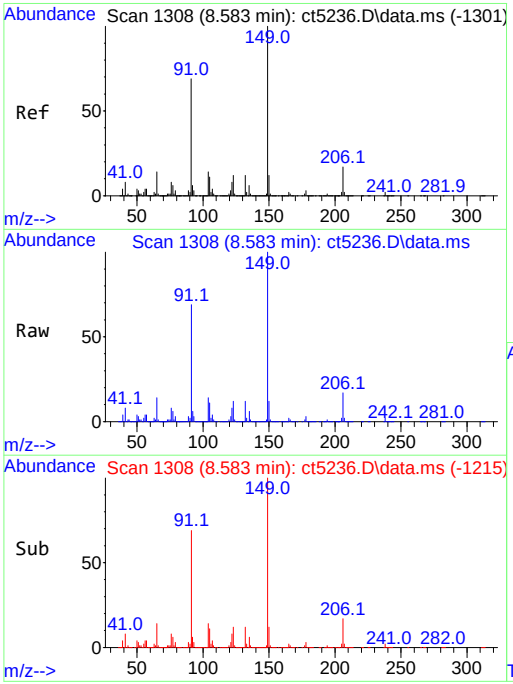


#86
Pyrene
Concen: 50.00 ppm
RT: 7.781 min Scan# 1158
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:202 Resp: 2340755

Ion	Ratio	Lower	Upper
202	100		
200	21.5	0.0	51.5
203	17.8	0.0	47.8

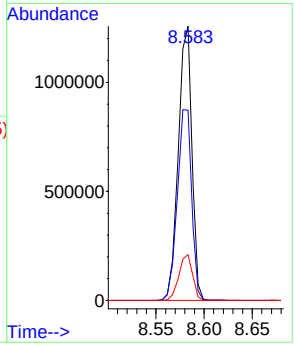


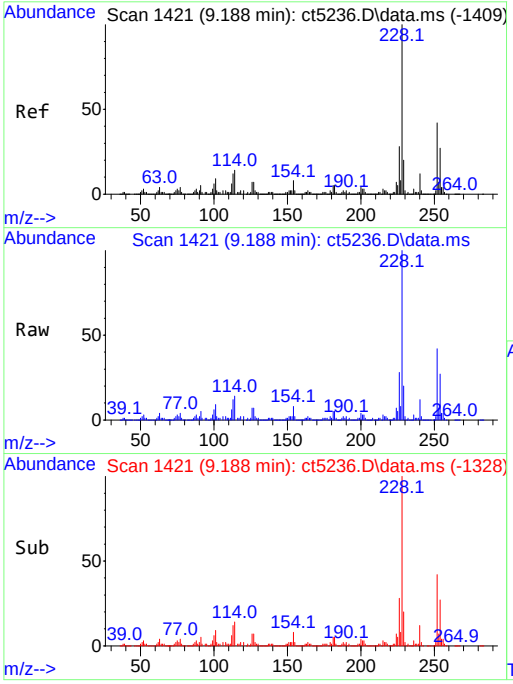


#88
Butylbenzylphthalate
Concen: 50.00 ppm
RT: 8.583 min Scan# 1308
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:149 Resp: 1236468

Ion	Ratio	Lower	Upper
149	100		
91	69.4	39.4	99.4
206	16.7	0.0	46.7

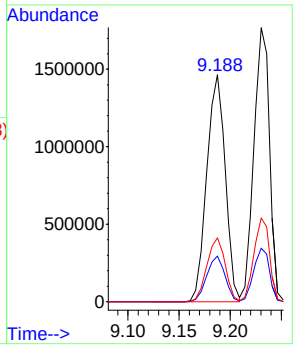


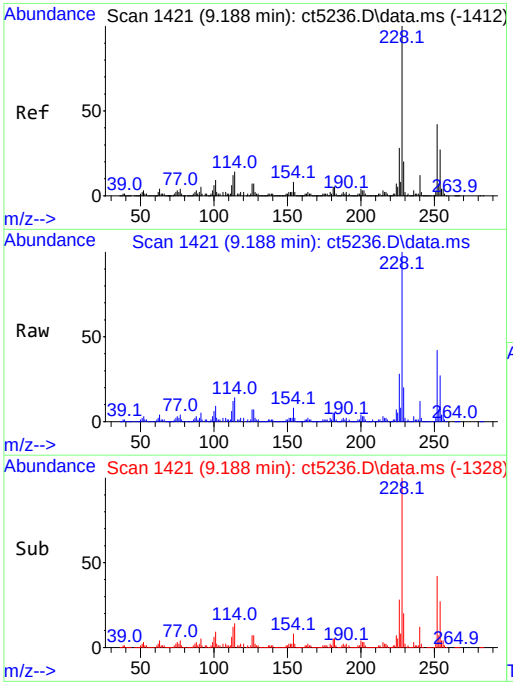


#89
Benzo[a]anthracene
Concen: 50.00 ppm
RT: 9.188 min Scan# 1421
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:228 Resp: 1835355

Ion	Ratio	Lower	Upper
228	100		
229	20.1	0.0	50.1
226	28.2	0.0	58.2

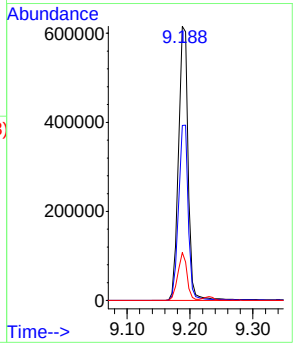


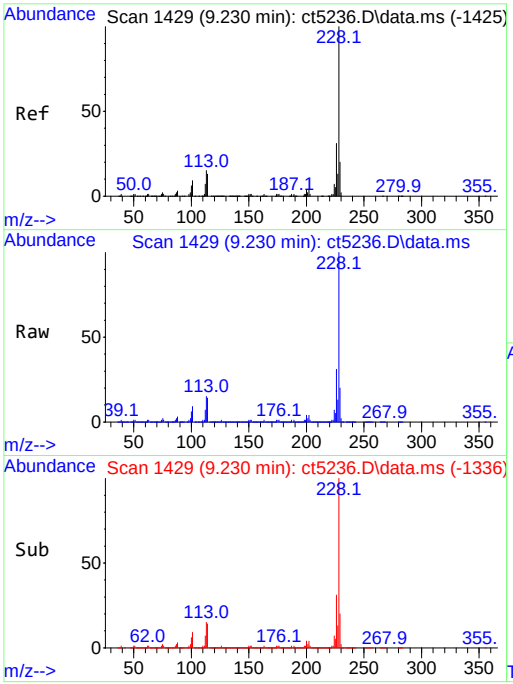


#90
3,3'-Dichlorobenzidine
Concen: 50.00 ppm
RT: 9.188 min Scan# 1421
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:252 Resp: 658618

Ion	Ratio	Lower	Upper
252	100		
254	63.8	33.8	93.8
126	17.4	0.0	47.4

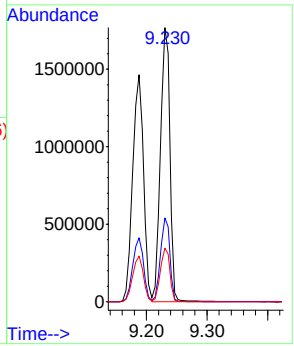


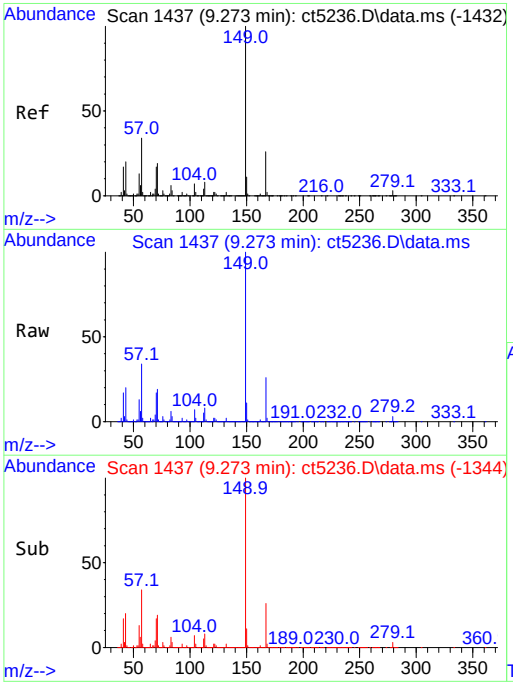


#91
Chrysene
Concen: 50.00 ppm
RT: 9.230 min Scan# 1429
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:228 Resp: 1902552

Ion	Ratio	Lower	Upper
228	100		
226	30.6	0.6	60.6
229	19.6	0.0	49.6

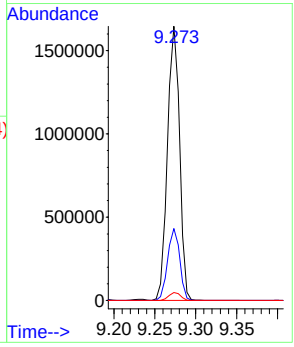


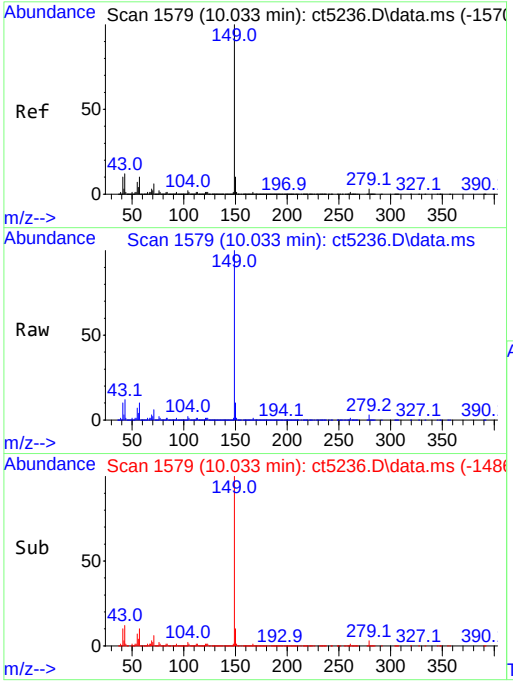


#92
bis(2-Ethylhexyl)phthalate
Concen: 50.00 ppm
RT: 9.273 min Scan# 1437
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:149 Resp: 1695375

Ion	Ratio	Lower	Upper
149	100		
167	26.2	0.0	56.2
279	2.9	0.0	32.9

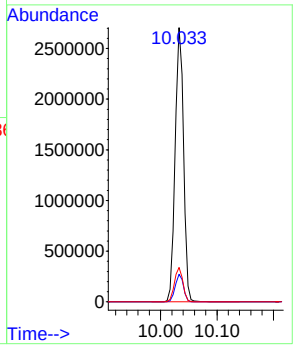


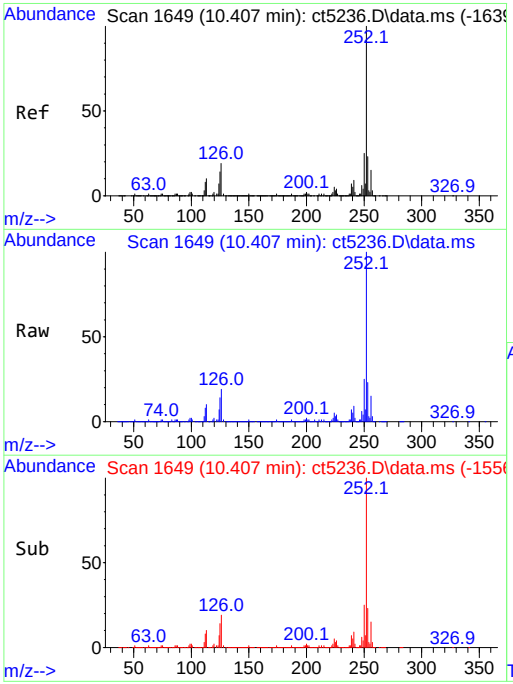


#94
Di-n-octylphthalate
Concen: 50.00 ppm
RT: 10.033 min Scan# 1579
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:149 Resp: 2810352

Ion	Ratio	Lower	Upper
149	100		
150	10.0	0.0	40.0
43	12.5	0.0	42.5

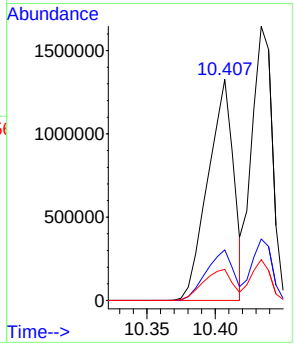


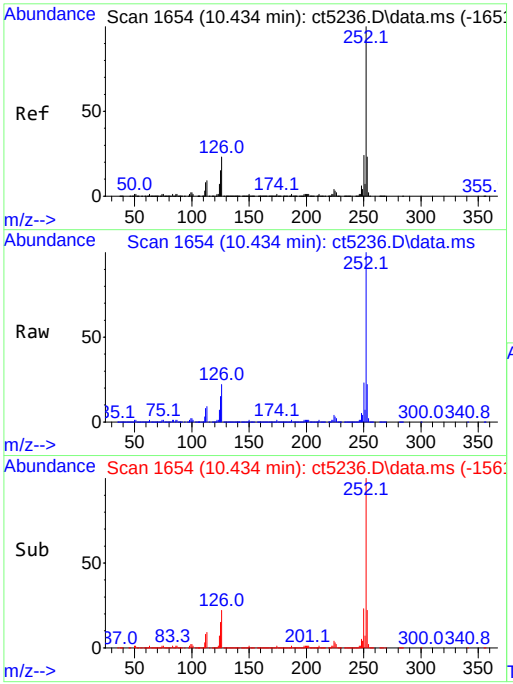


#95
Benzo[b]fluoranthene
Concen: 50.00 ppm
RT: 10.407 min Scan# 1649
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:252 Resp: 1744322

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	53.2
125	14.2	0.0	44.2

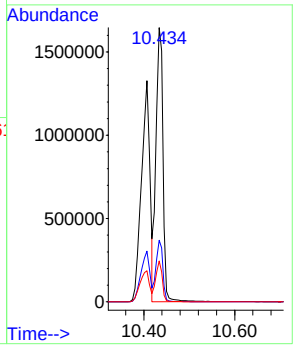


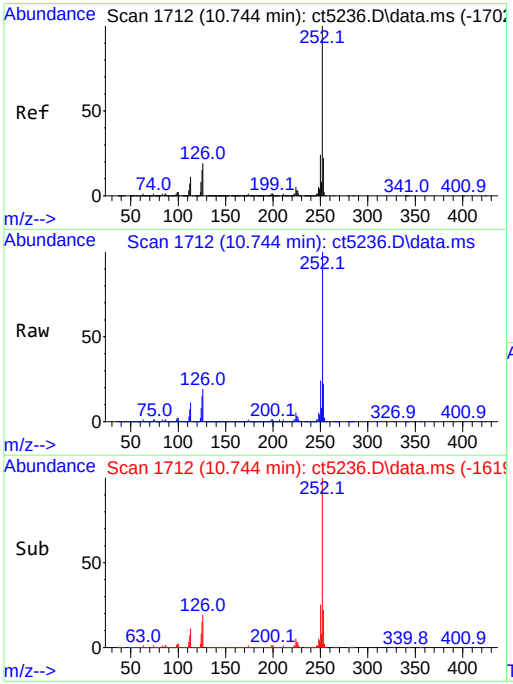


#96
Benzo[k]fluoranthene
Concen: 50.00 ppm
RT: 10.434 min Scan# 1654
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:252 Resp: 1759529

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	52.5
125	15.1	0.0	45.1

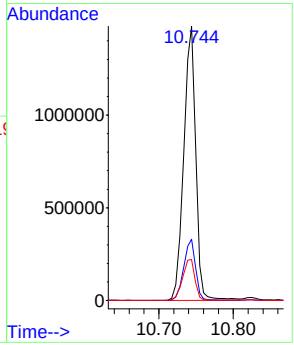


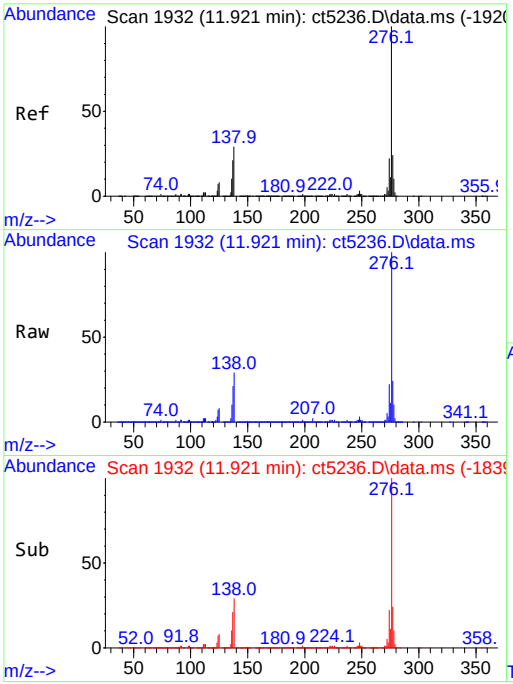


#97
Benzo[a]pyrene
Concen: 50.00 ppm
RT: 10.744 min Scan# 1712
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:252 Resp: 1657390

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	52.4
125	14.9	0.0	44.9

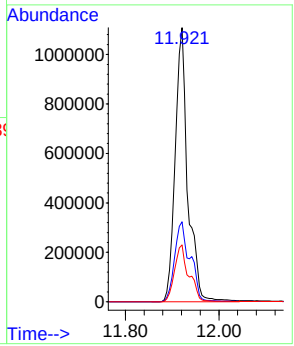


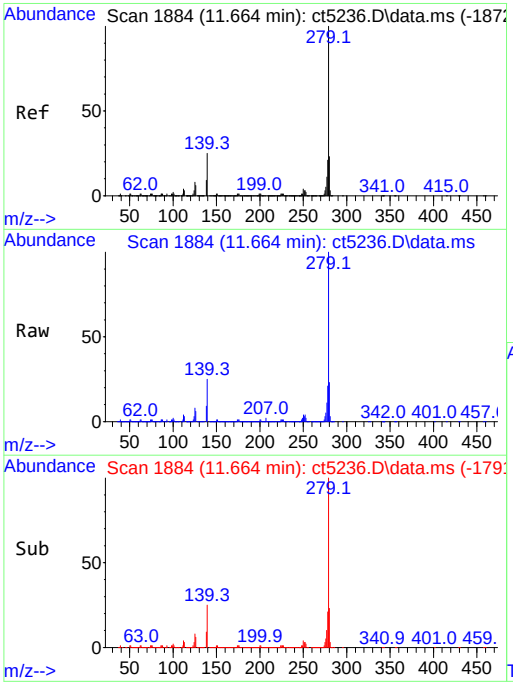


#98
Indeno[1,2,3-cd]pyrene
Concen: 50.00 ppm
RT: 11.921 min Scan# 1932
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:276 Resp: 2065323

Ion	Ratio	Lower	Upper
276	100		
138	29.2	0.0	59.2
137	20.7	0.0	50.7

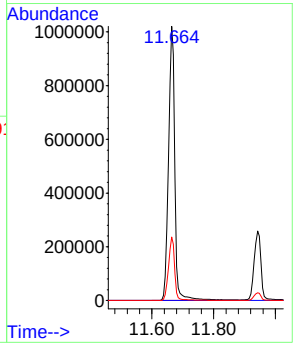


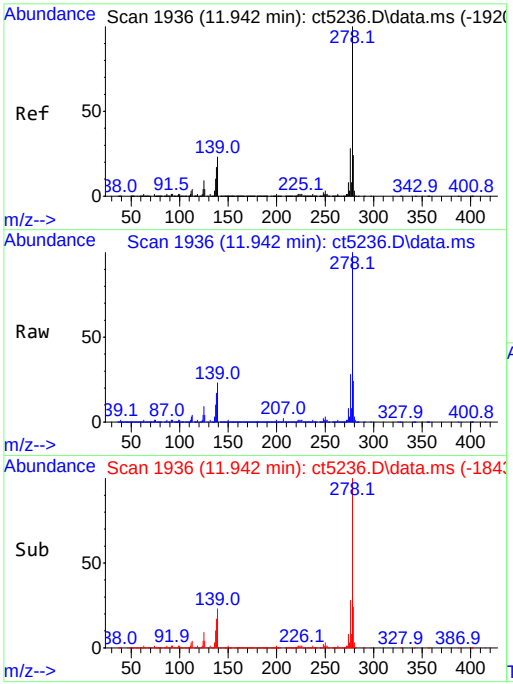


#99
Dibenz(a,h)acridine
Concen: 50.00 ppm
RT: 11.664 min Scan# 1884
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:279 Resp: 1446283

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	23.2	0.0	53.2

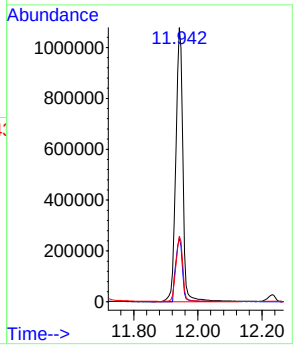


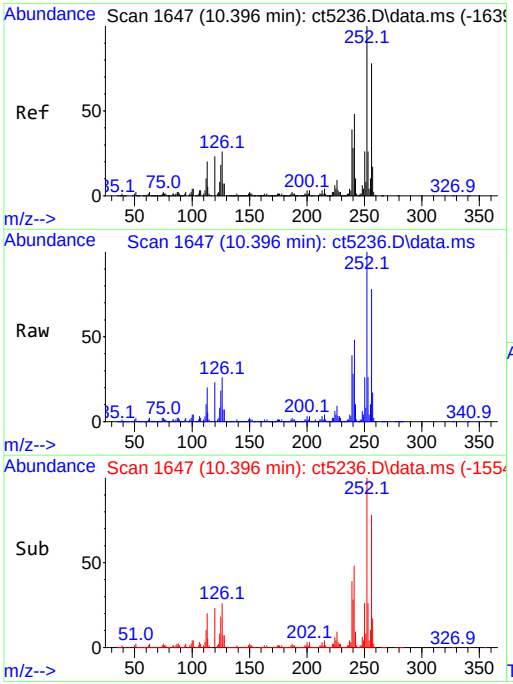


#100
Dibenz[a,h]anthracene
Concen: 50.00 ppm
RT: 11.942 min Scan# 1936
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:278 Resp: 1664258

Ion	Ratio	Lower	Upper
278	100		
139	23.3	0.0	53.3
279	23.8	0.0	53.8

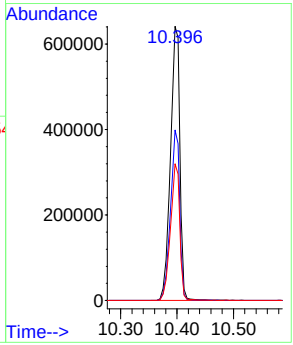


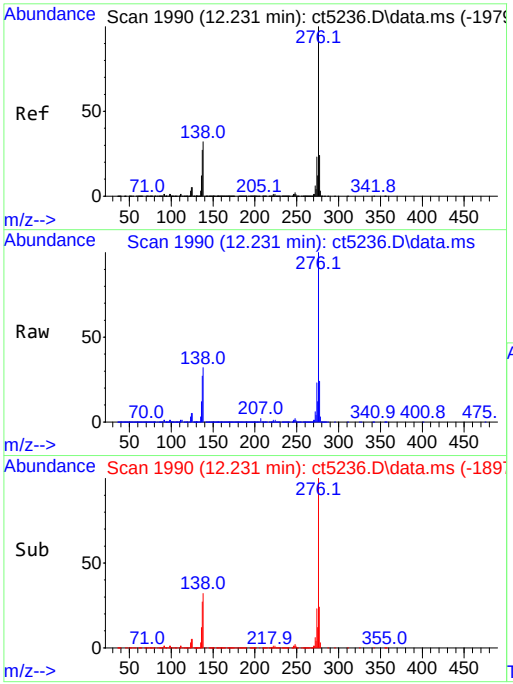


#101
7,12-Dimethylbenz(a)anthracene
Concen: 50.00 ppm
RT: 10.396 min Scan# 1647
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:256 Resp: 747412

Ion	Ratio	Lower	Upper
256	100		
241	62.2	32.2	92.2
239	49.8	19.8	79.8

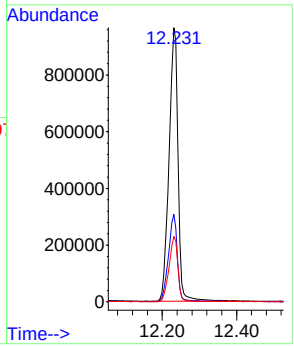




#102
Benzo[g,h,i]perylene
Concen: 50.00 ppm
RT: 12.231 min Scan# 1990
Delta R.T. 0.000 min
Lab File: ct5236.D
Acq: 15 Feb 2024 12:11 pm

Tgt Ion:276 Resp: 1618852

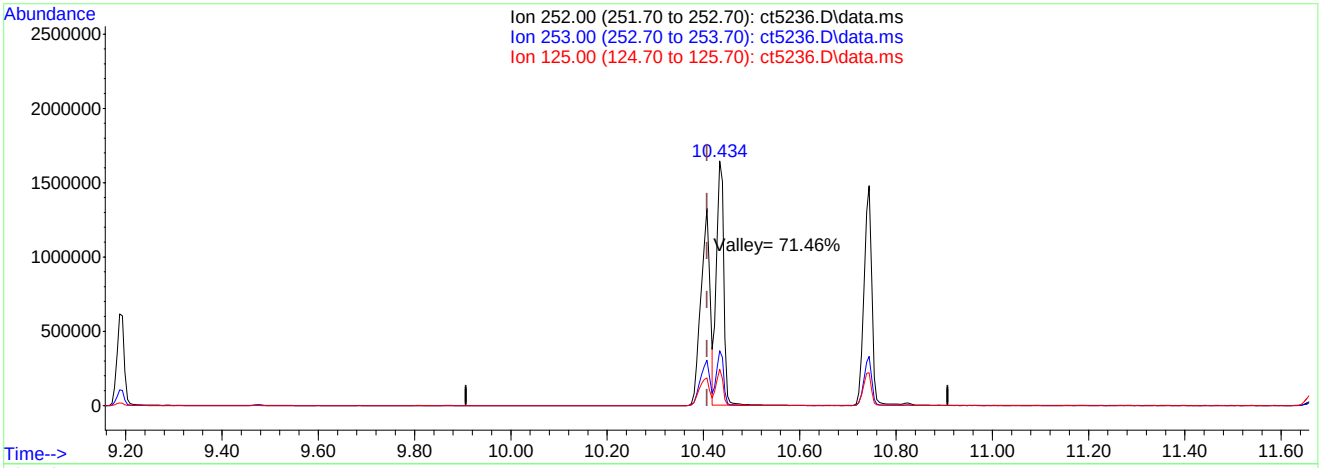
Ion	Ratio	Lower	Upper
276	100		
138	31.8	1.8	61.8
277	23.9	0.0	53.9

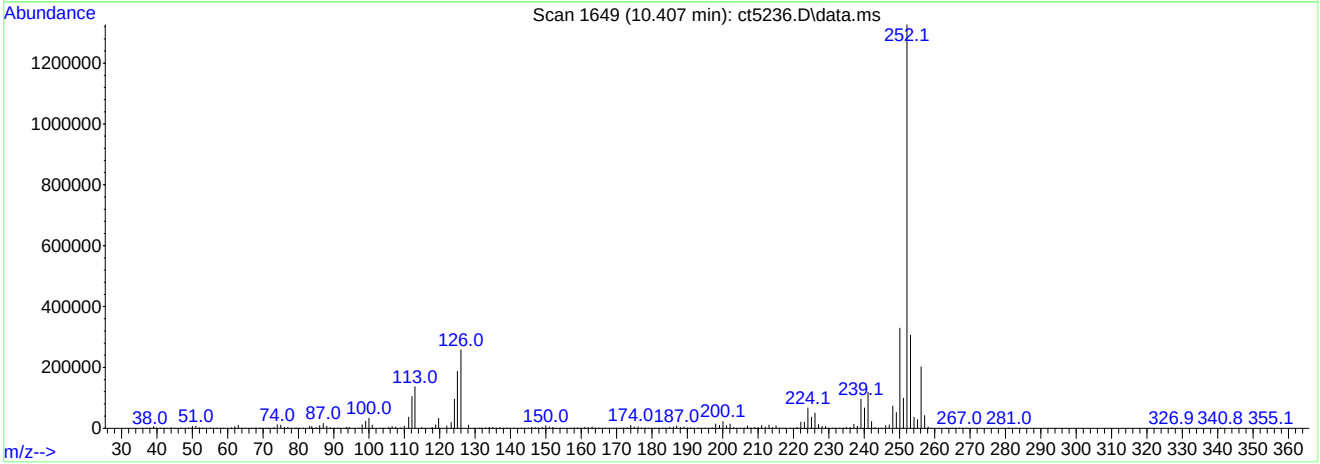


Quantitation Report (Qedit)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5236.D
Acq On : 15 Feb 2024 12:11 pm
Operator : jackleey
Sample : icc266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 16 09:09:48 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration





TIC: ct5236.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.407min (0.000) 50.00ppm

response 1744322

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	23.18
125.00	14.20	14.23
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya
02/16/24 11:39

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5239.D
Acq On : 15 Feb 2024 12:29 pm
Operator : jackleey
Sample : ic266-1
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 09:13:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.202	152	472130	40.00	ppm	0.00
24) Naphthalene-d8	3.892	136	1774586	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	986332	40.00	ppm	0.00
69) Phenanthrene-d10	6.240	188	1759237	40.00	ppm	0.00
84) Chrysene-d12	9.187	240	1359899	40.00	ppm	-0.02
93) Perylene-d12	10.792	264	1383908	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.202	152	472130	40.00	ppm	0.00
105) Phenanthrene-d10a	6.240	188	1759237	40.00	ppm	0.00
107) Naphthalene-d8a	3.892	136	1774586	40.00	ppm	0.00
109) Phenanthrene-d10b	6.240	188	1759237	40.00	ppm	0.00
112) Chrysene-d12a	9.187	240	1359899	40.00	ppm	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.528	112	14490	0.81	ppm	0.00
Spiked Amount 50.000			Recovery = 1.62%			
8) Phenol-d5	3.004	99	18454	0.90	ppm	0.00
Spiked Amount 50.000			Recovery = 1.80%			
25) Nitrobenzene-d5	3.502	82	15844	0.84	ppm	0.00
Spiked Amount 50.000			Recovery = 1.68%			
51) 2-Fluorobiphenyl	4.507	172	31781	1.01	ppm	0.00
Spiked Amount 50.000			Recovery = 2.02%			
74) 2,4,6-Tribromophenol	5.598	330	4074	0.89	ppm	0.00
Spiked Amount 50.000			Recovery = 1.78%			
87) Terphenyl-d14	7.973	244	32329	0.80	ppm	0.00
Spiked Amount 50.000			Recovery = 1.60%			
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.705	88	5881m	0.74	ppm	
3) Pyridine	1.903	79	17059	0.78	ppm	94
4) N-Nitrosodimethylamine	1.876	74	8847	0.79	ppm	95
6) Indene	3.336	116	27456	1.06	ppm	98
7) Cumene	2.785	105	33156	0.94	ppm	99
9) Phenol	3.010	94	19140m	0.89	ppm	
10) Aniline	3.036	93	24023	0.83	ppm	95
11) bis(2-Chloroethyl)ether	3.063	93	16728	0.99	ppm	95
12) 2-Chlorophenol	3.095	128	15621	0.96	ppm	96
13) Decane	3.090	43	24155	1.14	ppm	94
14) 1,3-Dichlorobenzene	3.170	146	17120	0.91	ppm	96
15) 1,4-Dichlorobenzene	3.213	146	17705	0.96	ppm	98
16) Benzyl alcohol	3.277	108	9613	0.79	ppm	95
17) 1,2-Dichlorobenzene	3.293	146	16578	0.93	ppm	99
18) Acetophenone	3.416	105	23588	1.09	ppm	94
19) 2-Methylphenol	3.325	108	15531	1.00	ppm	98
20) 2,2'-oxybis(1-Chloropr...	3.336	121	5105	1.16	ppm	98
21) 3&4-Methylphenol	3.406	108	30749	2.27	ppm	93
22) n-Nitroso-di-n-propyla...	3.406	70	11027	1.07	ppm	91
23) Hexachloroethane	3.470	201	5127	0.85	ppm	97
26) Nitrobenzene	3.513	77	17161	0.92	ppm	93
27) Quinoline	4.090	129	31659	0.94	ppm	98
28) Isophorone	3.636	82	30361	0.92	ppm	98
29) 2-Nitrophenol	3.684	139	7279	0.87	ppm	89
30) 2,4-Dimethylphenol	3.694	107	16711	0.96	ppm	96

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5239.D
Acq On : 15 Feb 2024 12:29 pm
Operator : jackleey
Sample : ic266-1
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 09:13:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Benzoic acid	3.721	105	7272	0.46	ppm	95
32) bis(2-Chloroethoxy)met...	3.748	93	19721	0.97	ppm	97
33) 2,4-Dichlorophenol	3.812	162	12243	0.89	ppm	94
34) 2,6-Dichlorophenol	3.935	162	12099	1.00	ppm	93
35) 1,3,5-Trichlorobenzene	3.678	180	13911	1.02	ppm	98
36) 1,2,4-Trichlorobenzene	3.855	180	13382	0.97	ppm	97
37) 1,2,3-Trichlorobenzene	3.978	180	12840	0.95	ppm	97
38) Naphthalene	3.903	128	47868	1.05	ppm	97
39) 4-Chloroaniline	3.935	127	20272	1.07	ppm	95
40) 2,3-Dichloroaniline	4.465	161	15075	1.01	ppm	94
41) Hydroquinone	4.106	110	15041	0.86	ppm	95
42) Hexachlorobutadiene	3.951	225	6963	0.97	ppm	98
43) 4-Chloro-3-methylphenol	4.192	107	13516	0.89	ppm	95
44) 2-Methylnaphthalene	4.288	141	27449	1.03	ppm	98
45) 1-Methylnaphthalene	4.347	141	27651	0.99	ppm	98
47) Hexachlorocyclopentadiene	4.368	237	5903	0.85	ppm	96
48) 1,2,4,5-tetrachloroben...	4.384	216	12700	1.03	ppm	98
49) 2,4,6-Trichlorophenol	4.459	196	7812	0.93	ppm	96
50) 2,4,5-Trichlorophenol	4.481	196	8726	0.87	ppm	92
52) 2-Chloronaphthalene	4.593	162	28600	1.02	ppm	96
53) Biphenyl	4.572	154	36398	1.02	ppm	98
54) 2-Nitroaniline	4.662	65	9710	0.87	ppm	95
55) Dimethylphthalate	4.769	163	31953	0.95	ppm	98
56) Acenaphthylene	4.871	152	41614	0.93	ppm	99
57) 2,6-Dinitrotoluene	4.823	165	5399	0.69	ppm	90
58) 3-Nitroaniline	4.951	138	7784	0.78	ppm	100
59) Acenaphthene	4.994	153	30258	1.04	ppm	97
60) 2,4-Dinitrophenol	5.032	184	2468	0.53	ppm	86
61) 4-Nitrophenol	5.074	109	3382	0.62	ppm	89
62) Dibenzofuran	5.122	168	40586	1.08	ppm	97
63) 2,4-Dinitrotoluene	5.117	165	7564	0.79	ppm	80
64) 2,3,4,6-Tetrachlorophenol	5.213	232	6219	0.82	ppm	97
65) Diethylphthalate	5.288	149	32855	0.95	ppm	99
66) Fluorene	5.395	166	31194	1.05	ppm	97
67) 4-Chlorophenyl-phenyle...	5.390	204	13513	1.05	ppm	92
68) 4-Nitroaniline	5.422	138	6871	0.70	ppm	95
70) 4,6-Dinitro-2-methylph...	5.443	198	2259	0.37	ppm	81
71) n-Nitrosodiphenylamine	5.492	169	28464	1.02	ppm	100
72) 1,2-Diphenylhydrazine	5.524	77	33334	0.90	ppm	94
73) pentachloronitrobenzene	6.048	295	1181	0.82	ppm	90
75) 4-Bromophenyl-phenylether	5.812	248	7567	0.93	ppm	92
76) Hexachlorobenzene	5.855	284	8544	0.94	ppm	91
77) Pentachlorophenol	6.053	266	6953	1.36	ppm	96
78) Phenanthrene	6.262	178	47976	1.04	ppm	99
79) Anthracene	6.310	178	46337	0.97	ppm	98
80) Carbazole	6.486	167	41570	0.88	ppm	99
81) Di-n-butylphthalate	6.850	149	47502	0.80	ppm	99
82) Fluoranthene	7.513	202	45991	0.94	ppm	98
83) Octadecane	6.112	57	28036	0.89	ppm	99
85) benzidine	7.706	184	24260	0.62	ppm	99
86) Pyrene	7.770	202	47705	0.81	ppm	97
88) Butylbenzylphthalate	8.572	149	17491	0.56	ppm	92
89) Benzo[a]anthracene	9.177	228	41543	0.90	ppm	98
90) 3,3'-Dichlorobenzidine	9.182	252	13544	0.82	ppm	91
91) Chrysene	9.220	228	42333	0.89	ppm	98
92) bis(2-Ethylhexyl)phtha...	9.268	149	23672	0.56	ppm	97
94) Di-n-octylphthalate	10.022	149	37931	0.57	ppm	98

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5239.D
Acq On : 15 Feb 2024 12:29 pm
Operator : jackleey
Sample : ic266-1
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 09:13:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

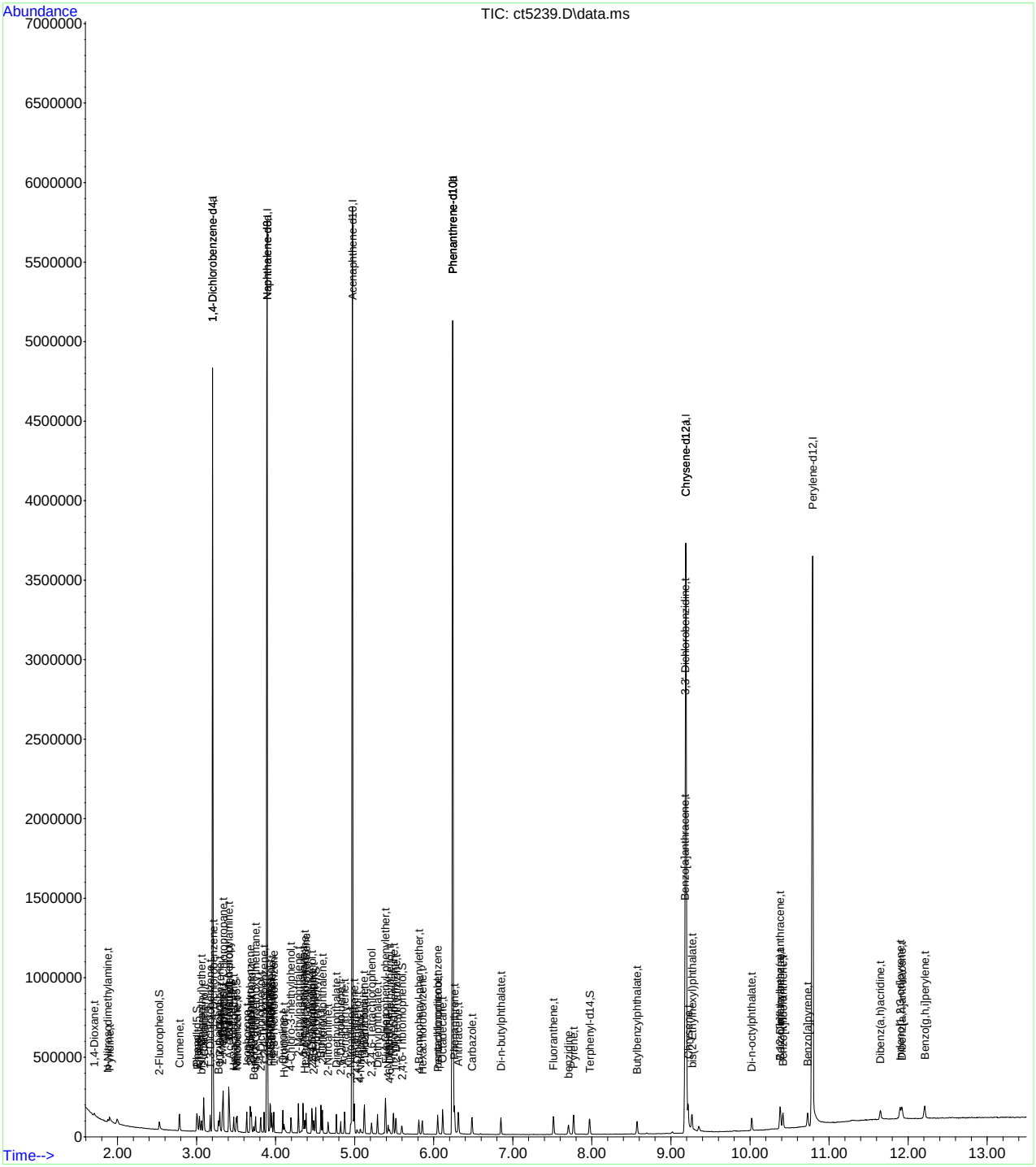
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.386	252	38871	0.94	ppm	98
96) Benzo[k]fluoranthene	10.418	252	37118	0.89	ppm	98
97) Benzo[a]pyrene	10.728	252	31862	0.81	ppm	98
98) Indeno[1,2,3-cd]pyrene	11.899	276	41601	0.85	ppm	96
99) Dibenz(a,h)acridine	11.648	279	26769	0.78	ppm	95
100) Dibenz[a,h]anthracene	11.921	278	33360	0.85	ppm	98
101) 7,12-Dimethylbenz(a)an...	10.380	256	15847	0.90	ppm	92
102) Benzo[g,h,i]perylene	12.210	276	41486	1.08	ppm	99

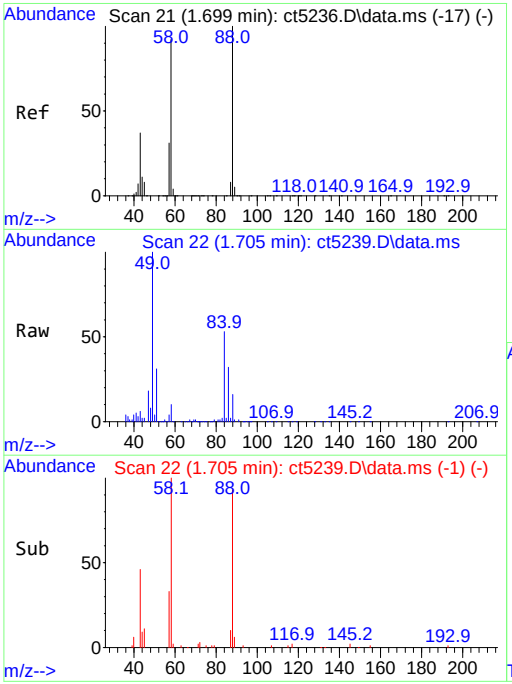
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5239.D
Acq On : 15 Feb 2024 12:29 pm
Operator : jackleey
Sample : ic266-1
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 09:13:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

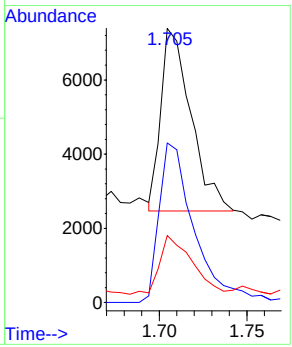


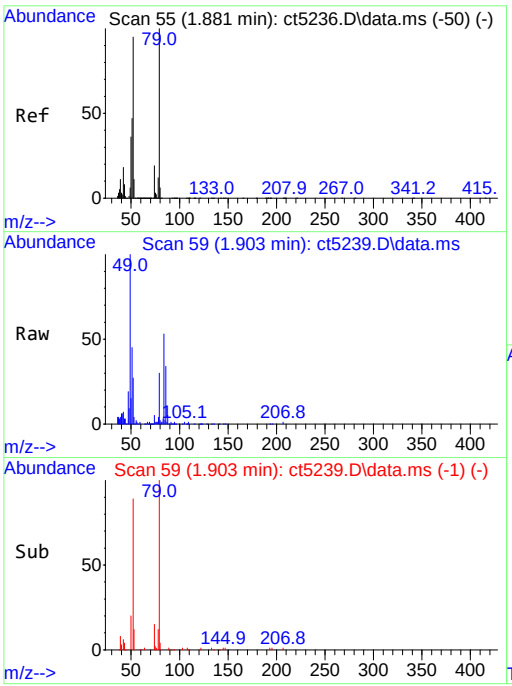


#2
1,4-Dioxane
Concen: 0.74 ppm m
RT: 1.705 min Scan# 22
Delta R.T. 0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 88 Resp: 5881

Ion	Ratio	Lower	Upper
88	100		
58	58.2	61.7	121.7#
57	24.4	1.2	61.2

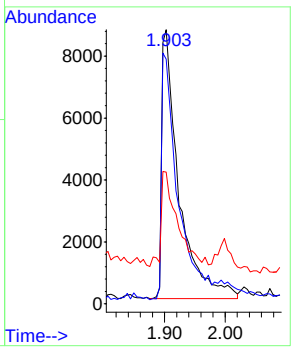


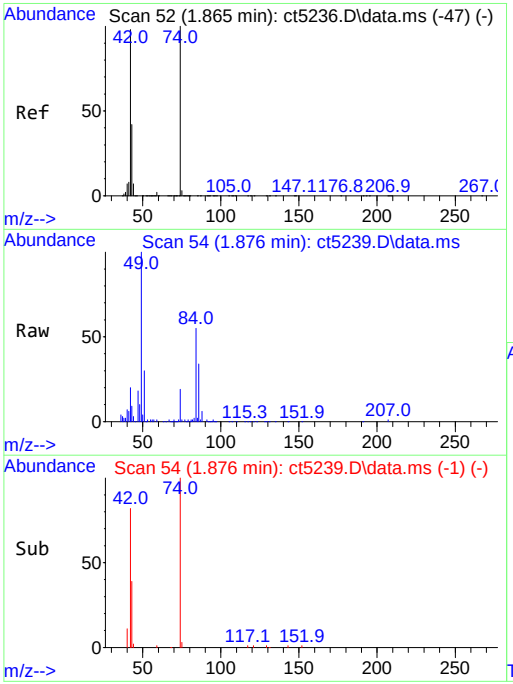


#3
Pyridine
Concen: 0.78 ppm
RT: 1.903 min Scan# 59
Delta R.T. 0.021 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 79 Resp: 17059

Ion	Ratio	Lower	Upper
79	100		
52	88.3	65.5	125.5
50	35.6	5.9	65.9

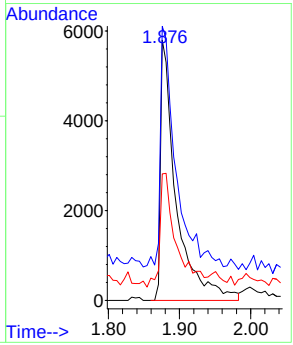


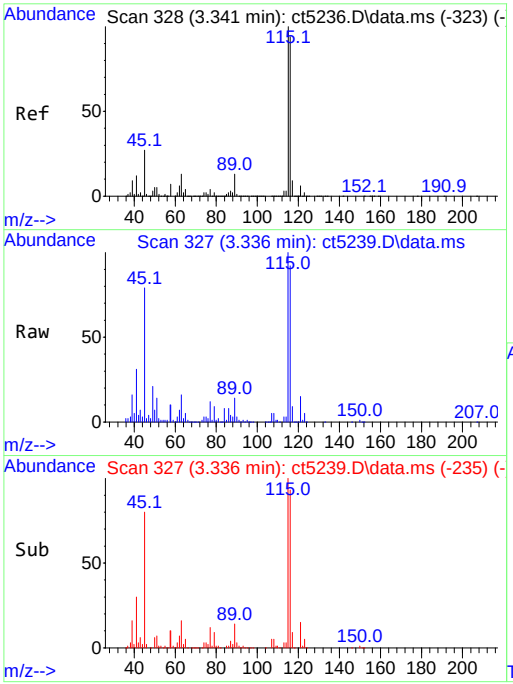


#4
N-Nitrosodimethylamine
Concen: 0.79 ppm
RT: 1.876 min Scan# 54
Delta R.T. 0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 74 Resp: 8847

Ion	Ratio	Lower	Upper
74	100		
42	92.3	68.1	128.1
43	40.9	12.5	72.5

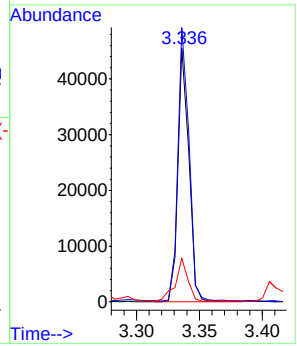


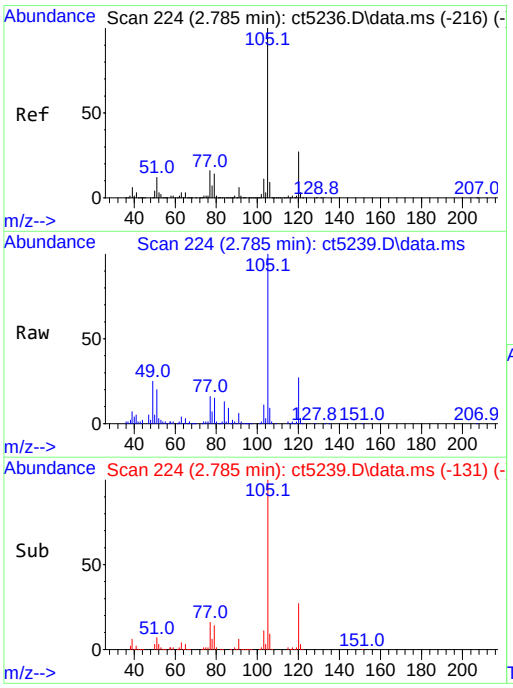


#6
Indene
Concen: 1.06 ppm
RT: 3.336 min Scan# 327
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:116 Resp: 27456

Ion	Ratio	Lower	Upper
116	100		
115	107.9	76.2	136.2
63	17.0	0.0	44.0

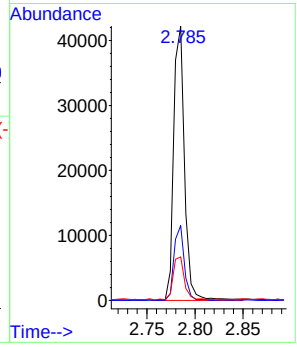


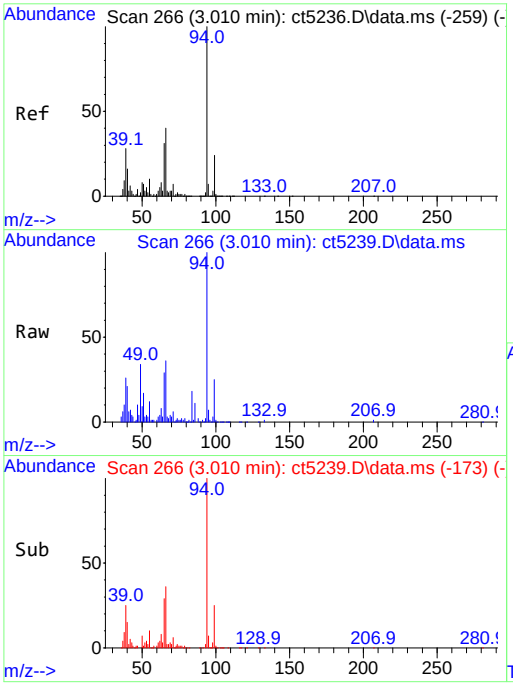


#7
Cumene
Concen: 0.94 ppm
RT: 2.785 min Scan# 224
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:105 Resp: 33156

Ion	Ratio	Lower	Upper
105	100		
120	27.3	0.0	57.0
77	15.5	0.0	45.8

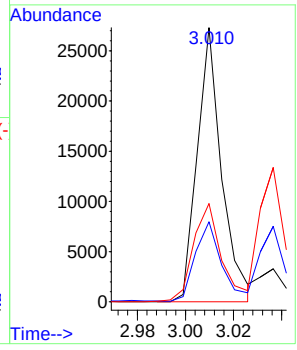


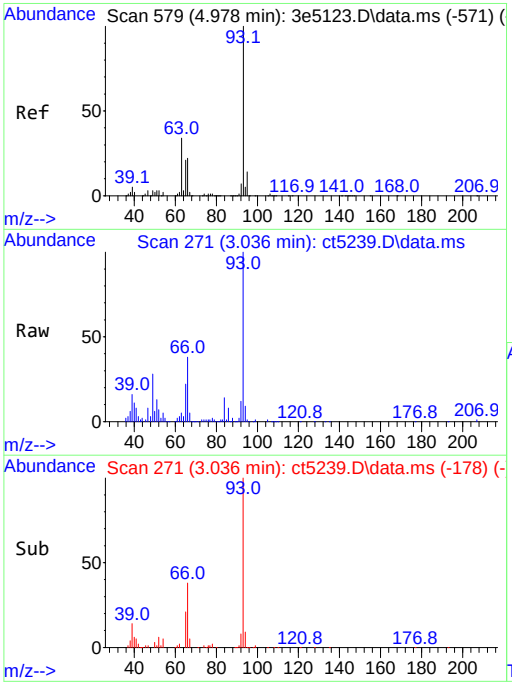


#9
Phenol
Concen: 0.89 ppm m
RT: 3.010 min Scan# 266
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 94 Resp: 19140

Ion	Ratio	Lower	Upper
94	100		
65	29.2	0.0	59.7
66	35.9	8.2	68.2

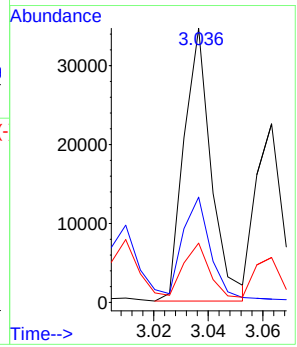


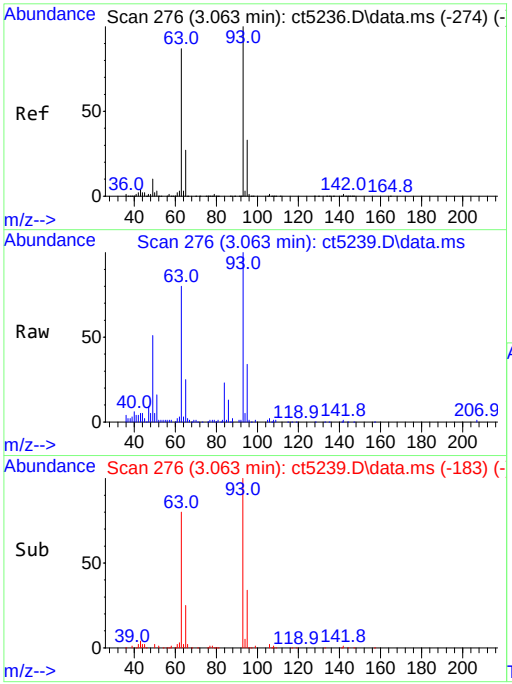


#10
Aniline
Concen: 0.83 ppm
RT: 3.036 min Scan# 271
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 93 Resp: 24023

Ion	Ratio	Lower	Upper
93	100		
66	36.5	10.4	70.4
65	19.6	0.0	50.8

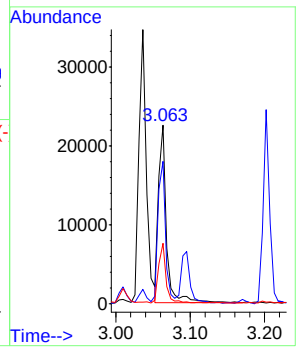


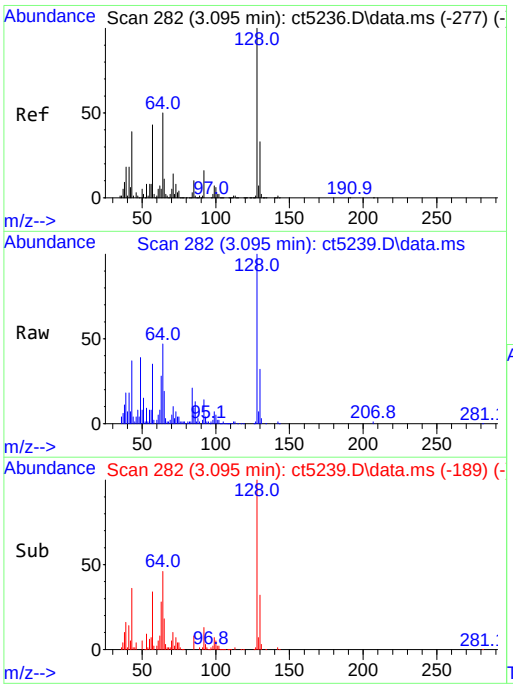


#11
bis(2-Chloroethyl)ether
Concen: 0.99 ppm
RT: 3.063 min Scan# 276
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 93 Resp: 16728

Ion	Ratio	Lower	Upper
93	100		
63	80.5	55.8	115.8
95	34.3	2.8	62.8

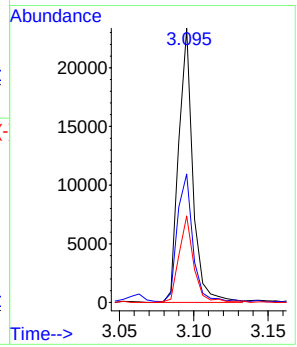


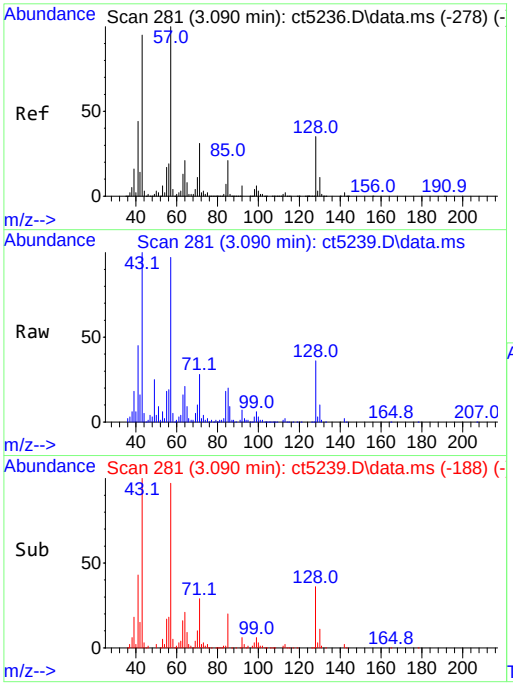


#12
2-Chlorophenol
Concen: 0.96 ppm
RT: 3.095 min Scan# 282
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:128 Resp: 15621

Ion	Ratio	Lower	Upper
128	100		
64	46.5	20.1	80.1
130	31.4	3.0	63.0

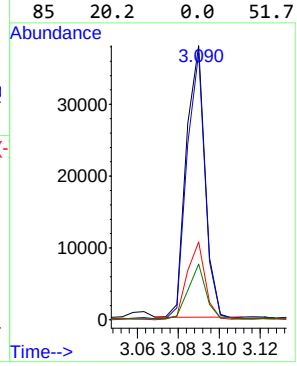


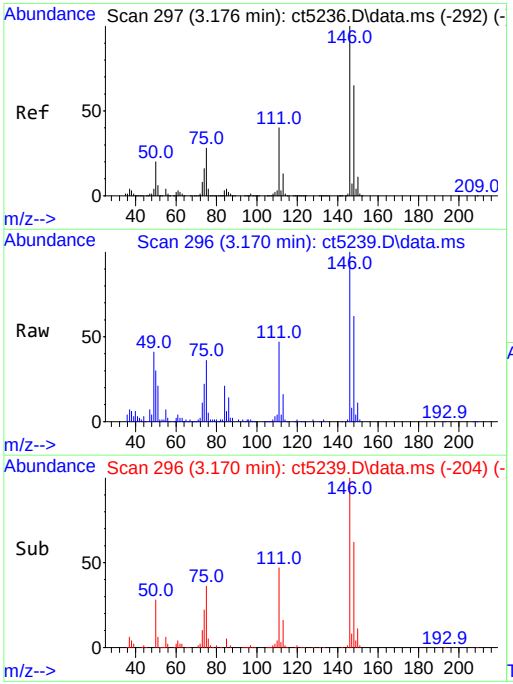


#13
Decane
Concen: 1.14 ppm
RT: 3.090 min Scan# 281
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 43 Resp: 24155

Ion	Ratio	Lower	Upper
43	100		
57	97.9	74.9	134.9
71	28.6	2.5	62.5
85	20.2	0.0	51.7

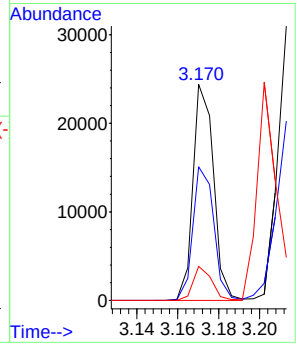


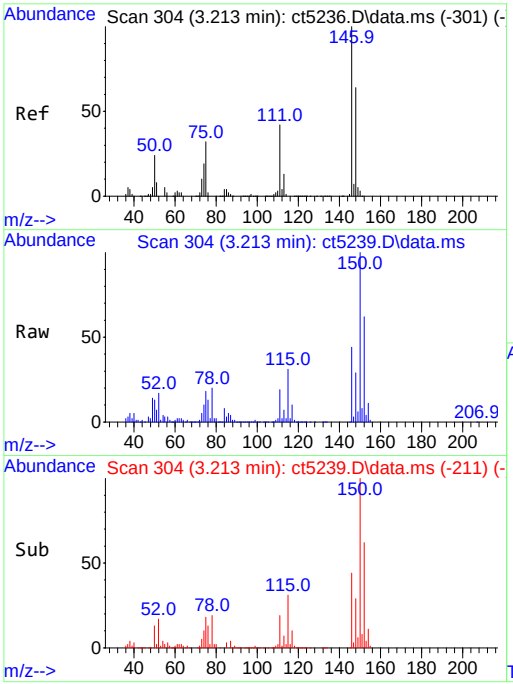


#14
1,3-Dichlorobenzene
Concen: 0.91 ppm
RT: 3.170 min Scan# 296
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:146 Resp: 17120

Ion	Ratio	Lower	Upper
146	100		
148	61.9	34.7	94.7
113	15.5	0.0	42.9

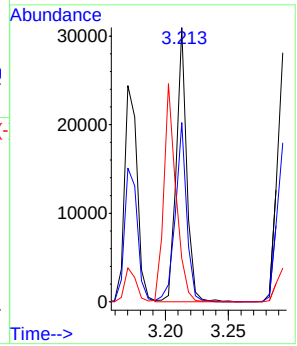


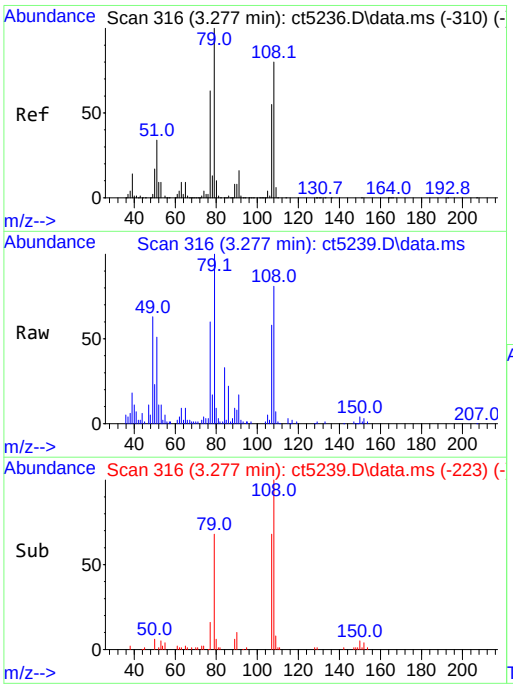


#15
1,4-Dichlorobenzene
Concen: 0.96 ppm
RT: 3.213 min Scan# 304
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:146 Resp: 17705

Ion	Ratio	Lower	Upper
146	100		
148	65.3	34.0	94.0
113	15.6	0.0	43.5

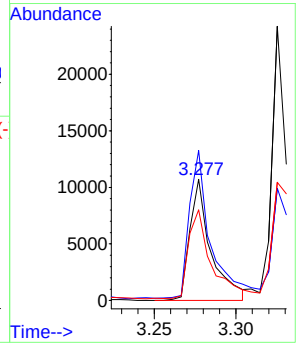


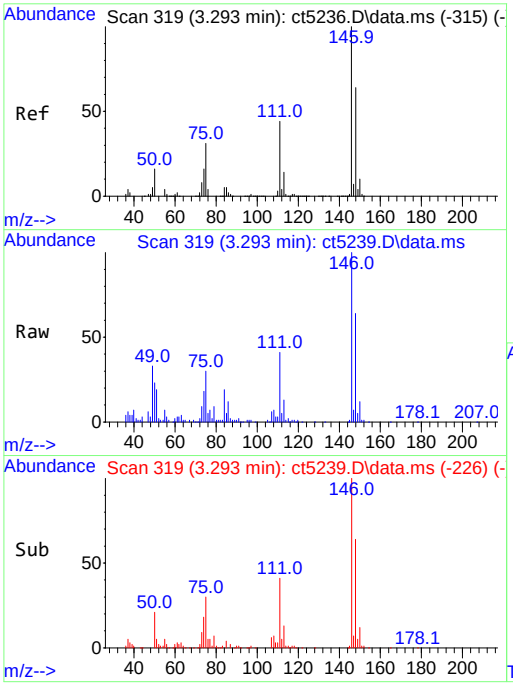


#16
Benzyl alcohol
Concen: 0.79 ppm
RT: 3.277 min Scan# 316
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:108 Resp: 9613

Ion	Ratio	Lower	Upper
108	100		
79	121.7	95.0	155.0
77	72.7	49.3	109.3

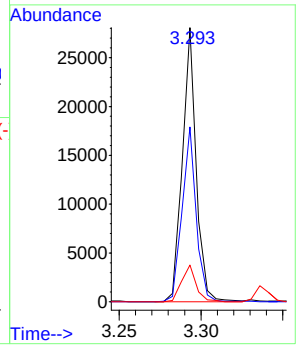


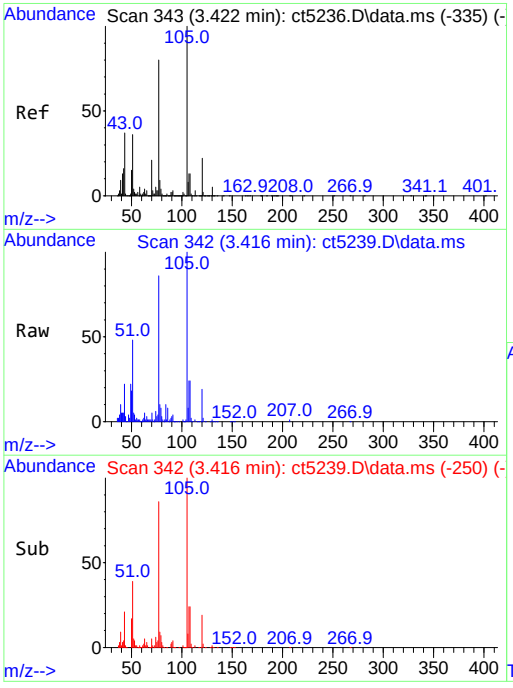


#17
1,2-Dichlorobenzene
Concen: 0.93 ppm
RT: 3.293 min Scan# 319
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:146 Resp: 16578

Ion	Ratio	Lower	Upper
146	100		
148	63.8	34.2	94.2
113	13.5	0.0	44.1

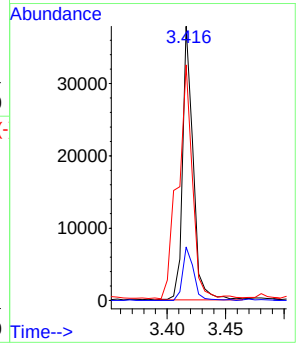


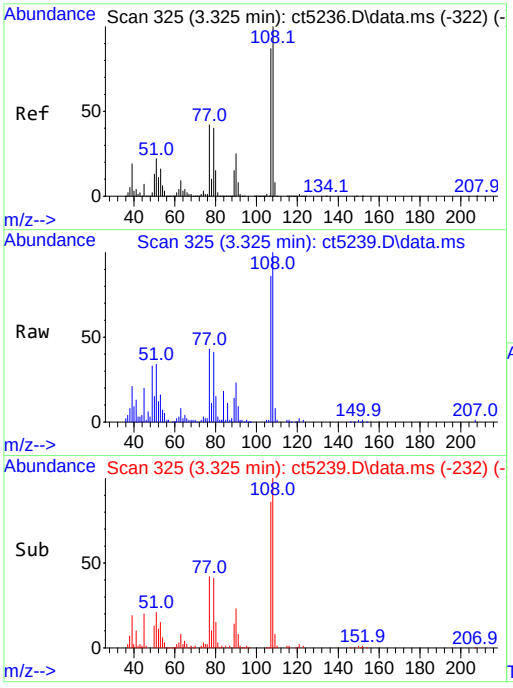


#18
Acetophenone
Concen: 1.09 ppm
RT: 3.416 min Scan# 342
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:105 Resp: 23588

Ion	Ratio	Lower	Upper
105	100		
120	19.4	0.0	51.5
77	85.2	49.8	109.8

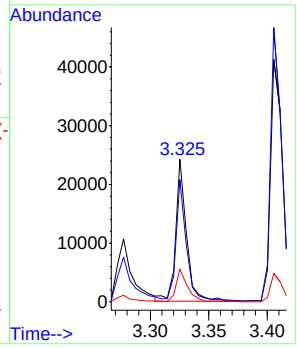


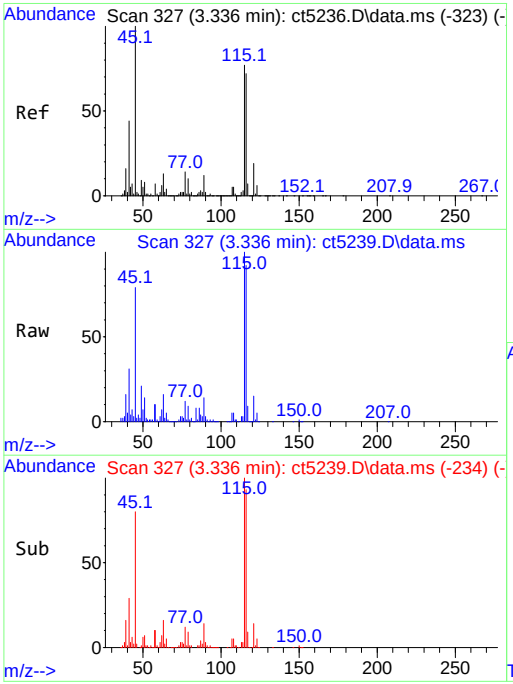


#19
2-Methylphenol
Concen: 1.00 ppm
RT: 3.325 min Scan# 325
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:108 Resp: 15531

Ion	Ratio	Lower	Upper
108	100		
107	85.8	57.1	117.1
90	23.2	0.0	54.8

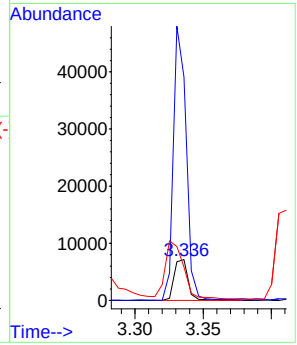


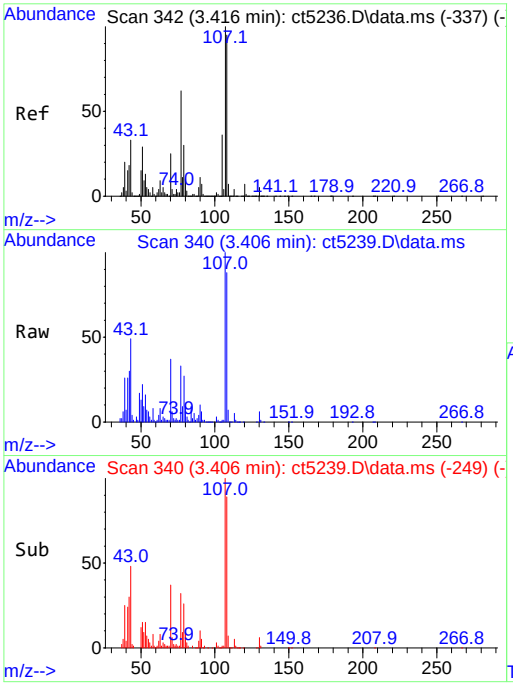


#20
2,2'-oxybis(1-Chloropropane
Concen: 1.16 ppm
RT: 3.336 min Scan# 327
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:121 Resp: 5105

Ion	Ratio	Lower	Upper
121	100		
45	544.7	508.3	568.3
77	75.3	44.5	104.5

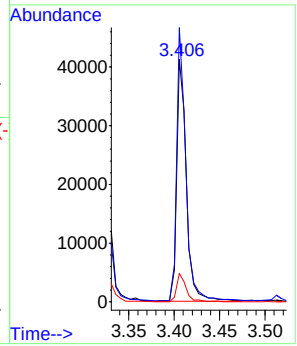


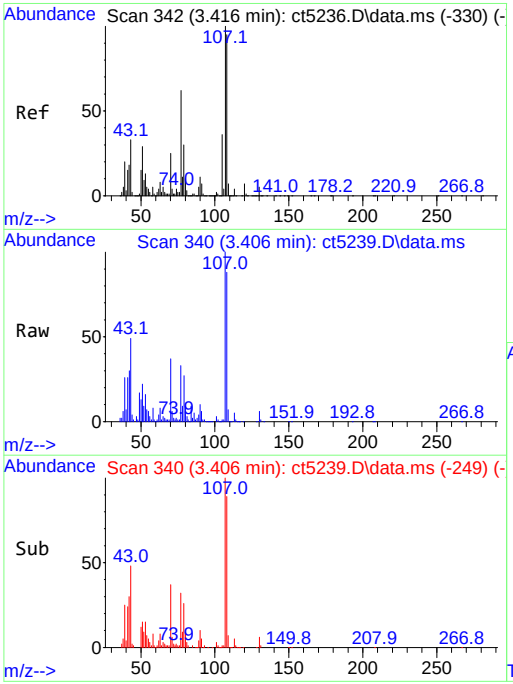


#21
3&4-Methylphenol
Concen: 2.27 ppm
RT: 3.406 min Scan# 340
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:108 Resp: 30749

Ion	Ratio	Lower	Upper
108	100		
107	113.2	74.9	134.9
90	11.7	0.0	41.4

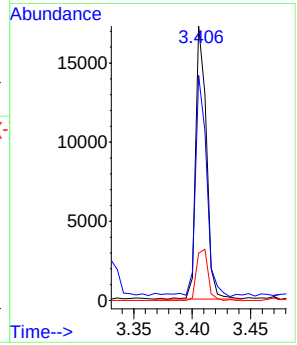


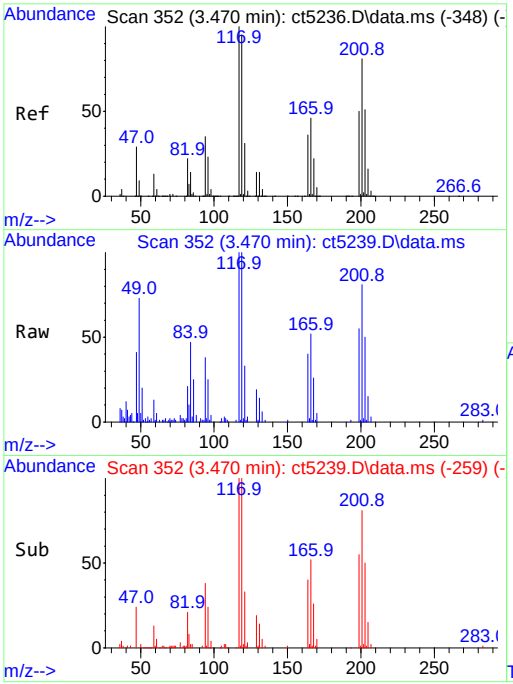


#22
n-Nitroso-di-n-propylamine
Concen: 1.07 ppm
RT: 3.406 min Scan# 340
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 70 Resp: 11027

Ion	Ratio	Lower	Upper
70	100		
42	80.1	42.3	102.3
130	17.4	0.0	50.5

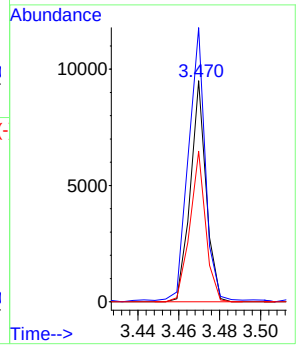


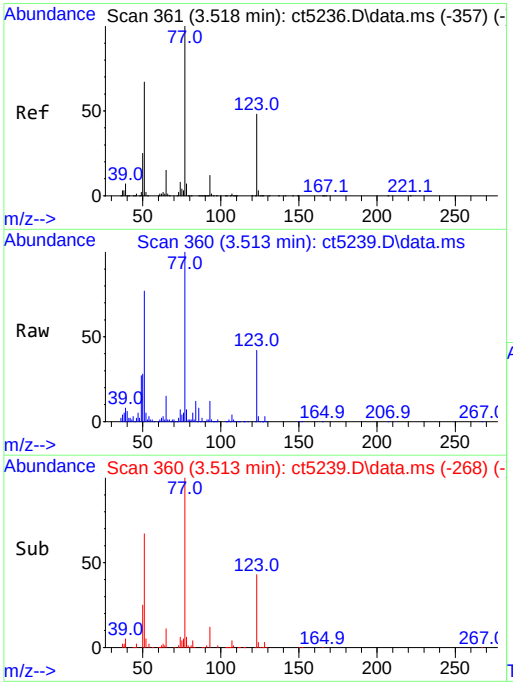


#23
Hexachloroethane
Concen: 0.85 ppm
RT: 3.470 min Scan# 352
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:201 Resp: 5127

Ion	Ratio	Lower	Upper
201	100		
117	123.3	93.9	153.9
199	68.1	32.2	92.2

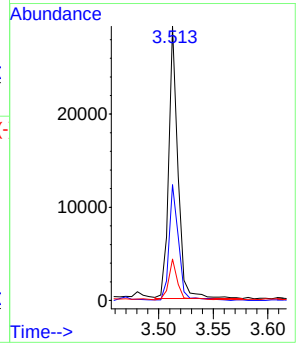


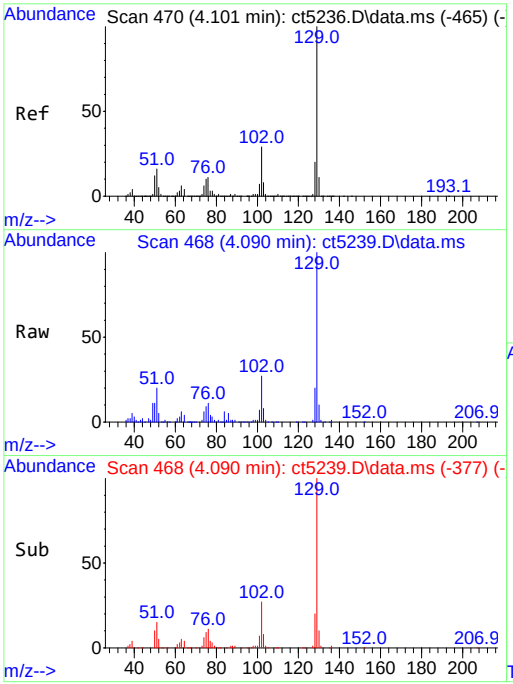


#26
Nitrobenzene
Concen: 0.92 ppm
RT: 3.513 min Scan# 360
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 77 Resp: 17161

Ion	Ratio	Lower	Upper
77	100		
123	42.4	18.0	78.0
65	15.0	0.0	44.7

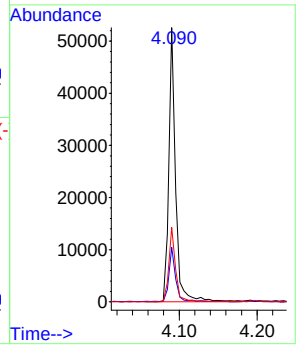


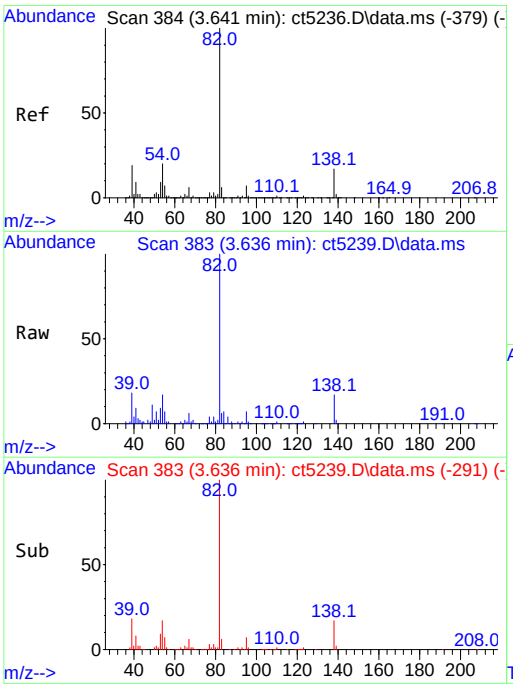


#27
Quinoline
Concen: 0.94 ppm
RT: 4.090 min Scan# 468
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:129 Resp: 31659

Ion	Ratio	Lower	Upper
129	100		
128	19.7	0.0	49.7
102	27.1	0.0	58.7

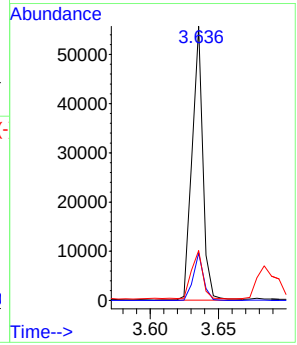


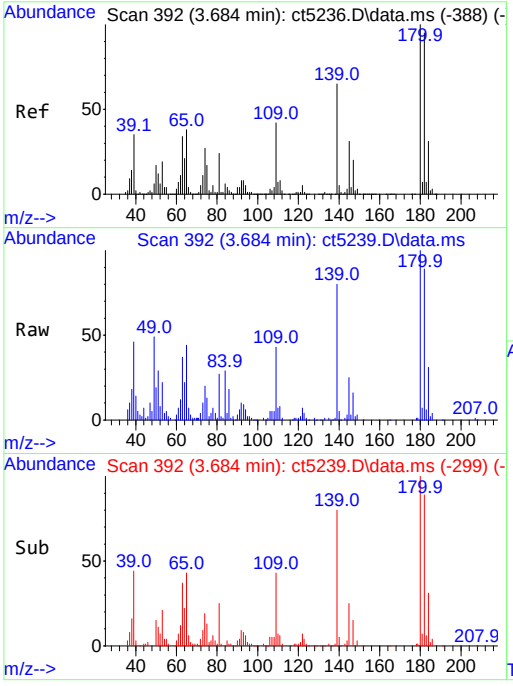


#28
Isophorone
Concen: 0.92 ppm
RT: 3.636 min Scan# 383
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 82 Resp: 30361

Ion	Ratio	Lower	Upper
82	100		
138	17.4	0.0	47.0
39	17.5	0.0	49.1

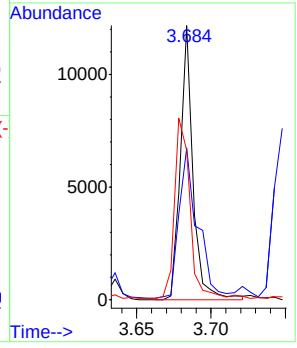


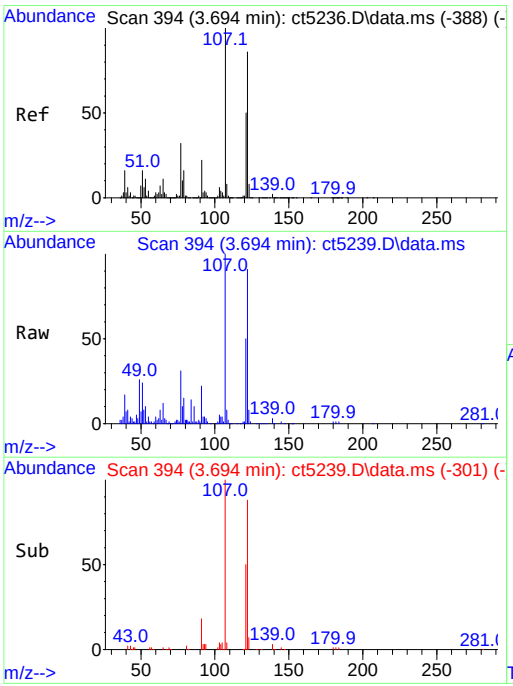


#29
2-Nitrophenol
Concen: 0.87 ppm
RT: 3.684 min Scan# 392
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:139 Resp: 7279

Ion	Ratio	Lower	Upper
139	100		
65	53.1	28.1	88.1
109	54.1	35.1	95.1

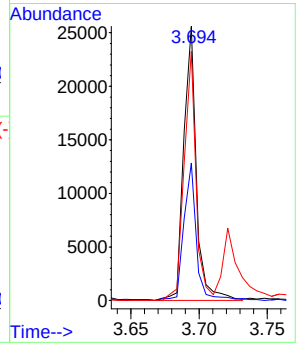


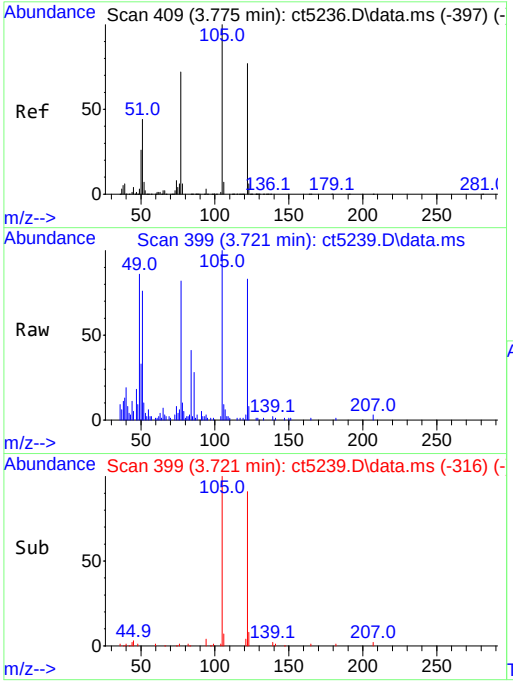


#30
2,4-Dimethylphenol
Concen: 0.96 ppm
RT: 3.694 min Scan# 394
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:107 Resp: 16711

Ion	Ratio	Lower	Upper
107	100		
121	49.8	19.9	79.9
122	86.8	51.6	111.6

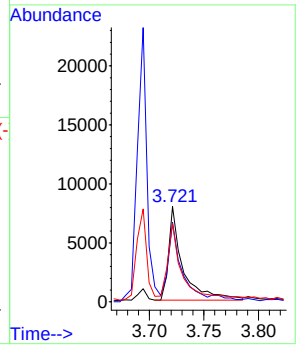


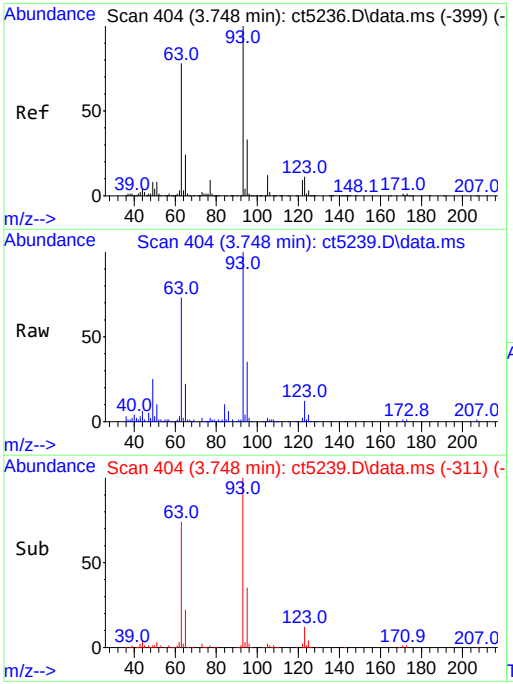


#31
Benzoic acid
Concen: 0.46 ppm
RT: 3.721 min Scan# 399
Delta R.T. -0.054 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:105 Resp: 7272

Ion	Ratio	Lower	Upper
105	100		
122	76.6	48.8	108.8
77	79.3	43.0	103.0

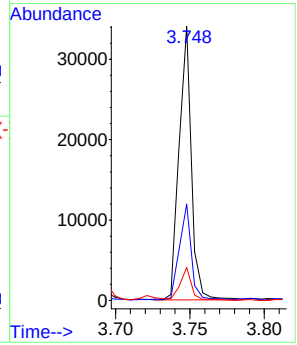


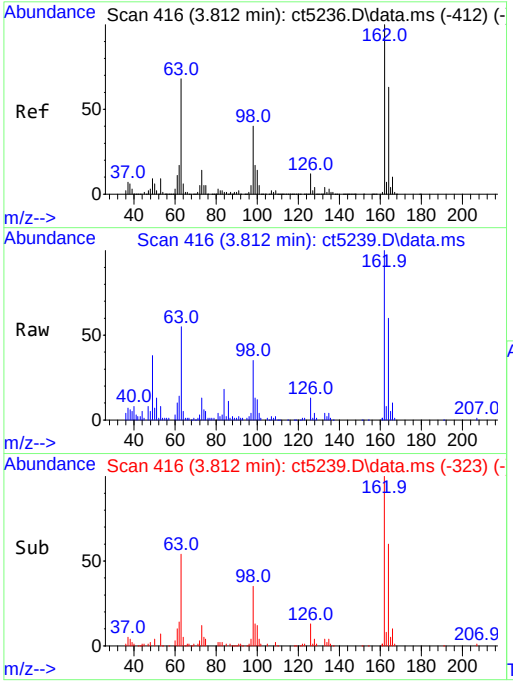


#32
bis(2-Chloroethoxy)methane
Concen: 0.97 ppm
RT: 3.748 min Scan# 404
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 93 Resp: 19721

Ion	Ratio	Lower	Upper
93	100		
95	34.7	2.7	62.7
123	11.4	0.0	40.7

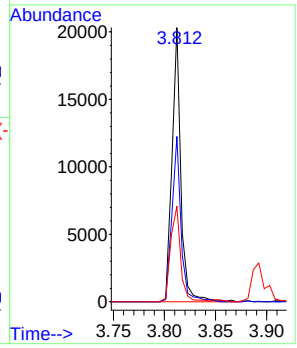


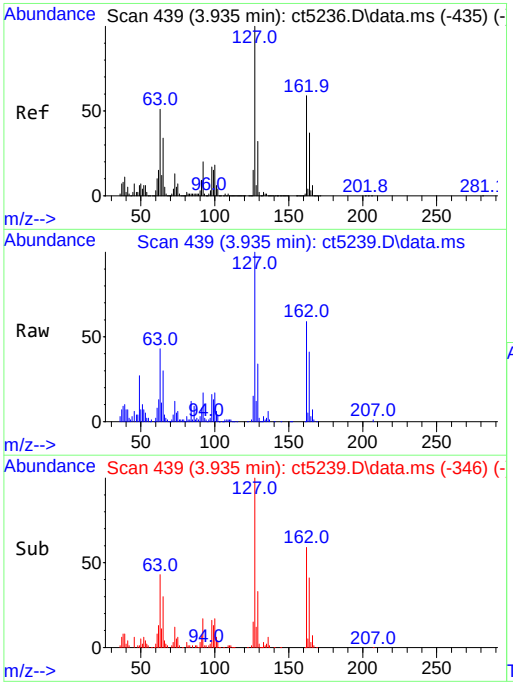


#33
2,4-Dichlorophenol
Concen: 0.89 ppm
RT: 3.812 min Scan# 416
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:162 Resp: 12243

Ion	Ratio	Lower	Upper
162	100		
164	60.3	33.4	93.4
98	34.7	10.2	70.2

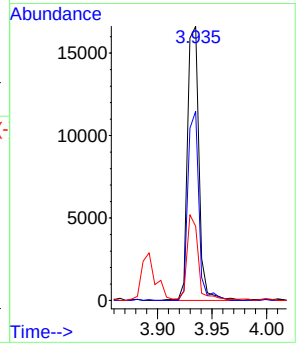


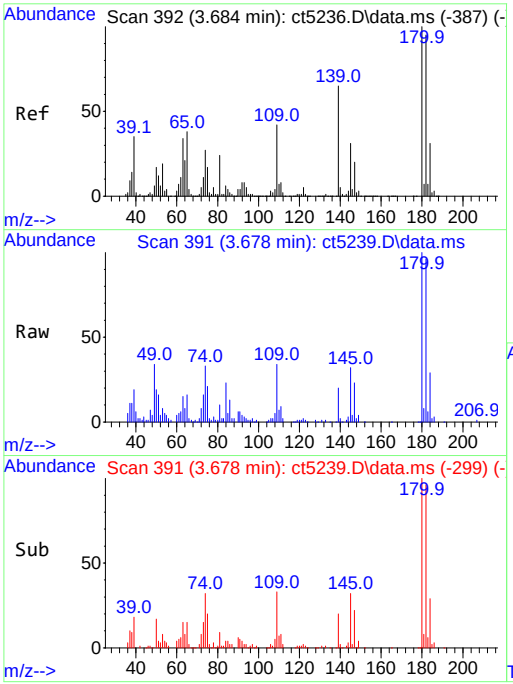


#34
2,6-Dichlorophenol
Concen: 1.00 ppm
RT: 3.935 min Scan# 439
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:162 Resp: 12099

Ion	Ratio	Lower	Upper
162	100		
164	69.0	33.8	93.8
98	23.7	0.0	58.3

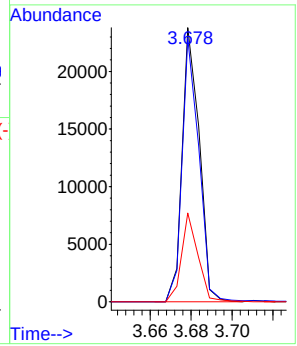


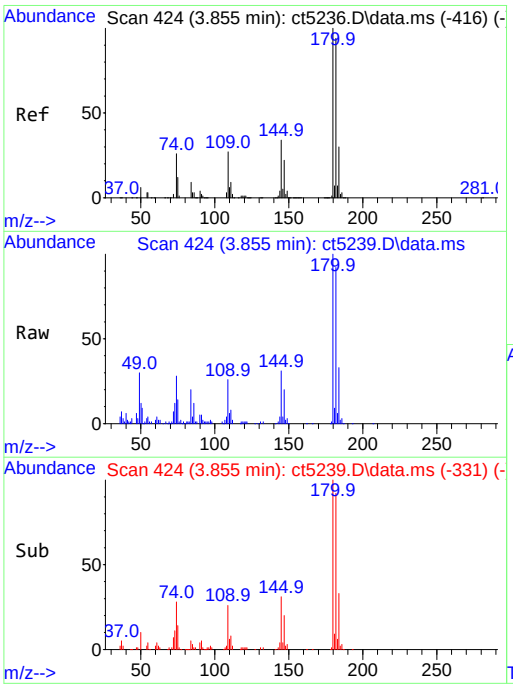


#35
1,3,5-Trichlorobenzene
Concen: 1.02 ppm
RT: 3.678 min Scan# 391
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:180 Resp: 13911

Ion	Ratio	Lower	Upper
180	100		
182	95.8	64.6	124.6
145	32.3	0.9	60.9

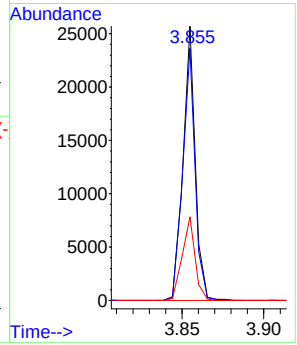


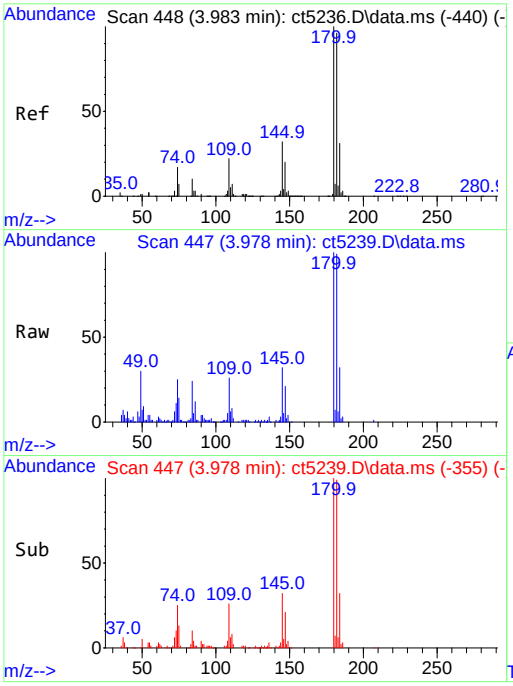


#36
1,2,4-Trichlorobenzene
Concen: 0.97 ppm
RT: 3.855 min Scan# 424
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:180 Resp: 13382

Ion	Ratio	Lower	Upper
180	100		
182	91.9	63.6	123.6
145	30.5	4.3	64.3

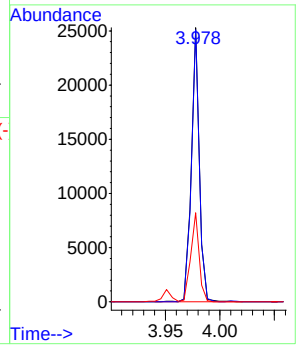


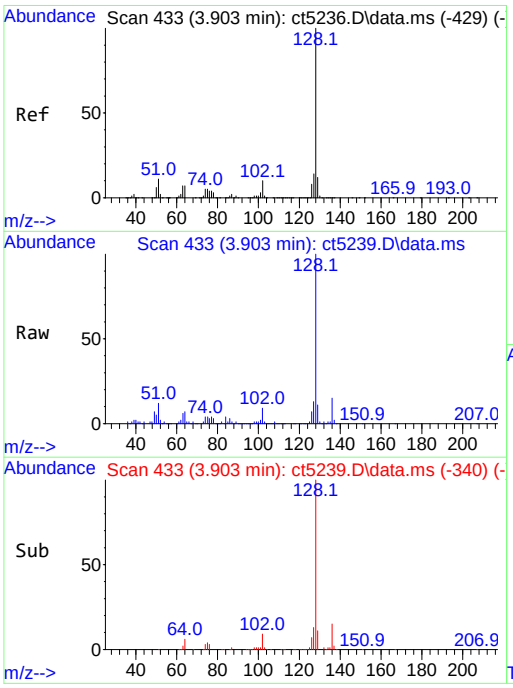


#37
1,2,3-Trichlorobenzene
Concen: 0.95 ppm
RT: 3.978 min Scan# 447
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:180 Resp: 12840

Ion	Ratio	Lower	Upper
180	100		
182	99.1	65.9	125.9
145	32.3	2.0	62.0

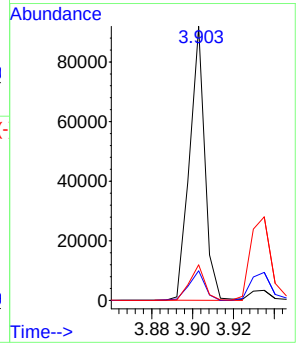


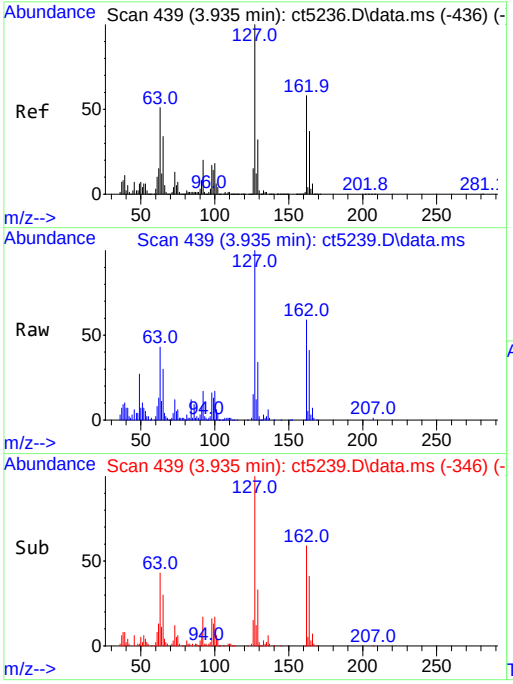


#38
Naphthalene
Concen: 1.05 ppm
RT: 3.903 min Scan# 433
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:128 Resp: 47868

Ion	Ratio	Lower	Upper
128	100		
129	10.4	0.0	41.7
127	12.3	0.0	43.6

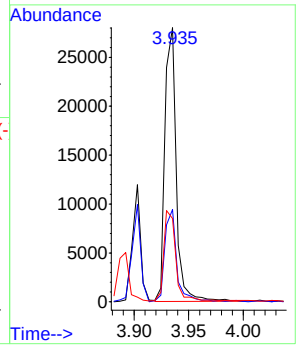


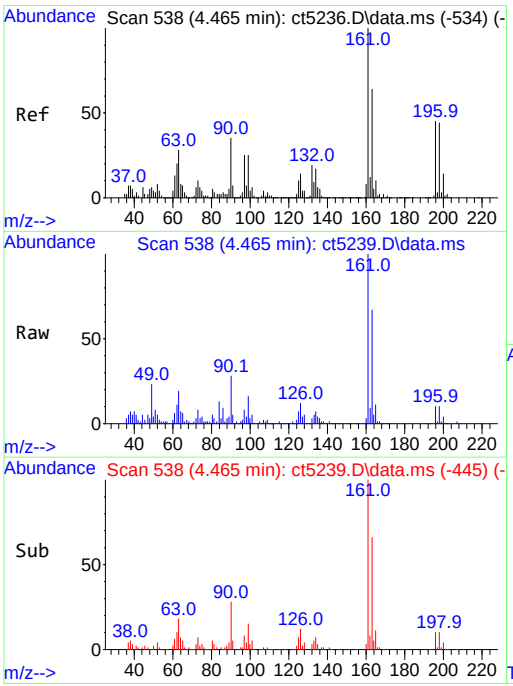


#39
4-Chloroaniline
Concen: 1.07 ppm
RT: 3.935 min Scan# 439
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:127 Resp: 20272

Ion	Ratio	Lower	Upper
127	100		
129	33.5	2.2	62.2
65	30.0	4.0	64.0

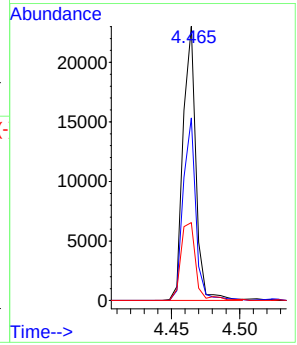


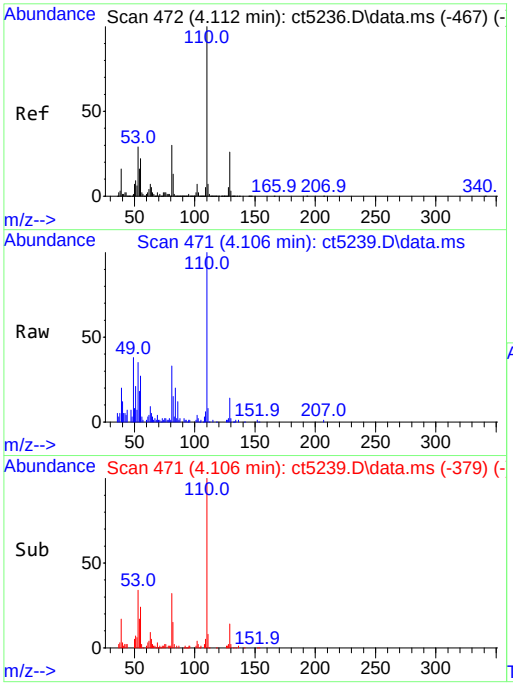


#40
2,3-Dichloroaniline
Concen: 1.01 ppm
RT: 4.465 min Scan# 538
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:161 Resp: 15075

Ion	Ratio	Lower	Upper
161	100		
163	66.5	34.3	94.3
90	28.3	5.3	65.3

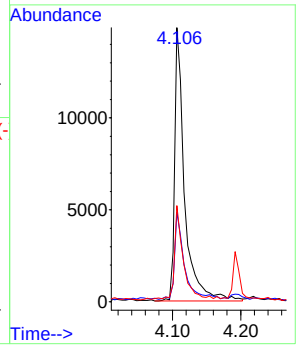


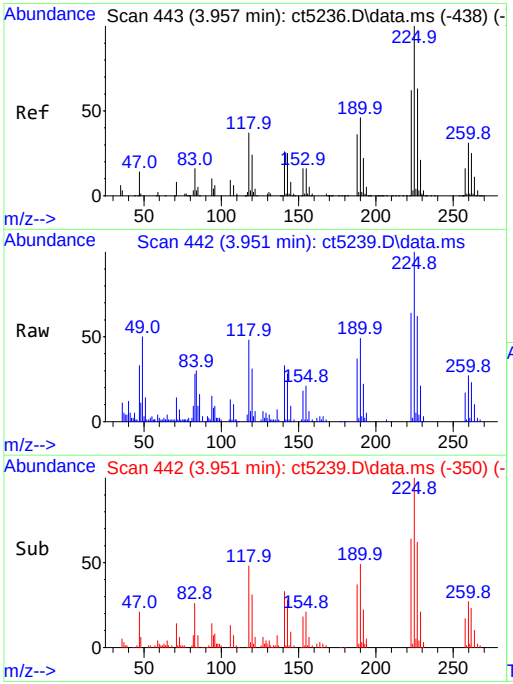


#41
Hydroquinone
Concen: 0.86 ppm
RT: 4.106 min Scan# 471
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:110 Resp: 15041

Ion	Ratio	Lower	Upper
110	100		
81	31.3	0.1	60.1
53	33.2	0.0	59.2

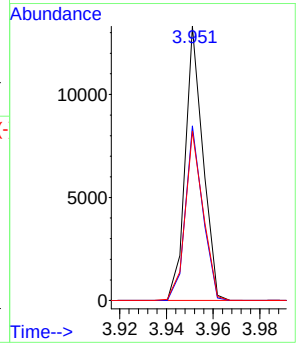


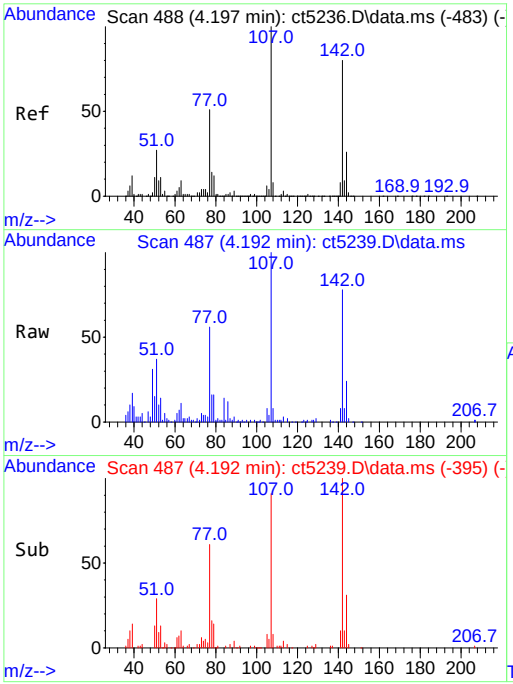


#42
Hexachlorobutadiene
Concen: 0.97 ppm
RT: 3.951 min Scan# 442
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:225 Resp: 6963

Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.1	92.1
227	61.8	33.3	93.3

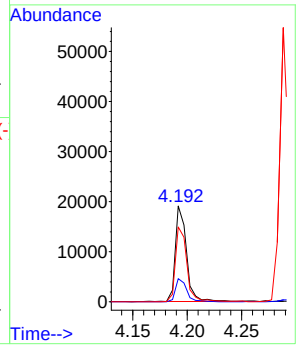


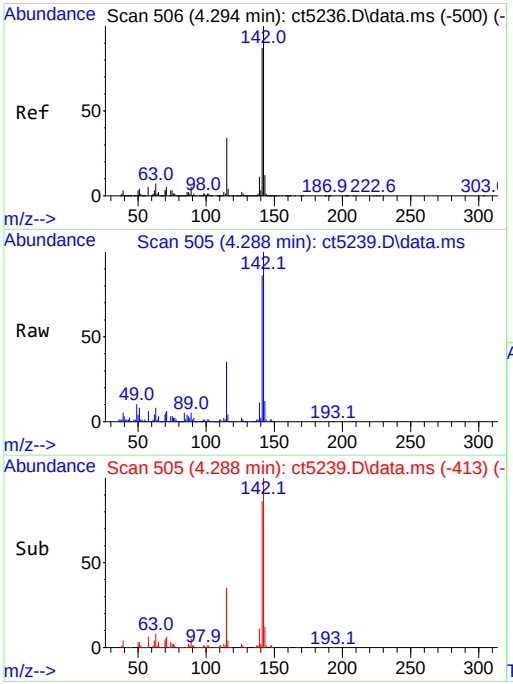


#43
4-Chloro-3-methylphenol
Concen: 0.89 ppm
RT: 4.192 min Scan# 487
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:107 Resp: 13516

Ion	Ratio	Lower	Upper
107	100		
144	24.2	0.0	55.9
142	78.2	43.8	103.8

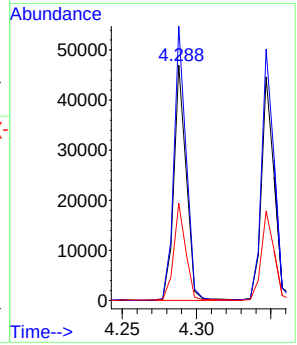


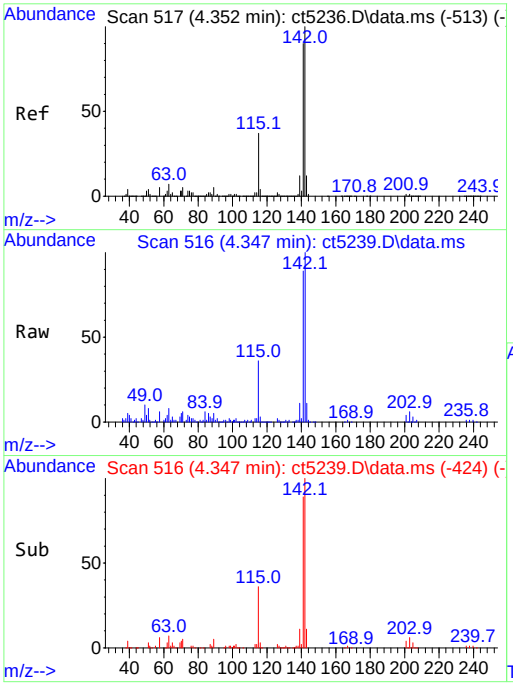


#44
2-Methylnaphthalene
Concen: 1.03 ppm
RT: 4.288 min Scan# 505
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:141 Resp: 27449

Ion	Ratio	Lower	Upper
141	100		
142	116.5	85.2	145.2
115	41.2	9.7	69.7

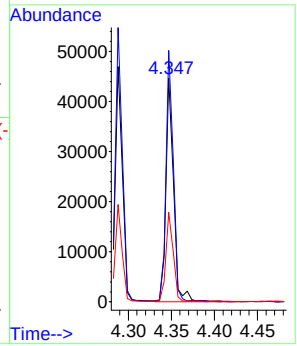


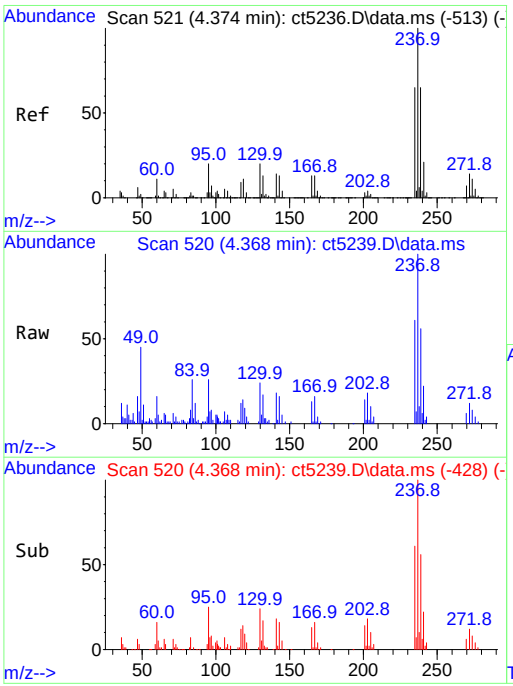


#45
1-Methylnaphthalene
Concen: 0.99 ppm
RT: 4.347 min Scan# 516
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:141 Resp: 27651

Ion	Ratio	Lower	Upper
141	100		
142	112.5	80.8	140.8
115	39.9	10.8	70.8

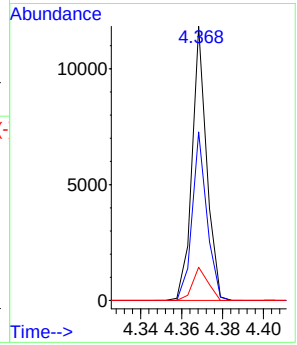


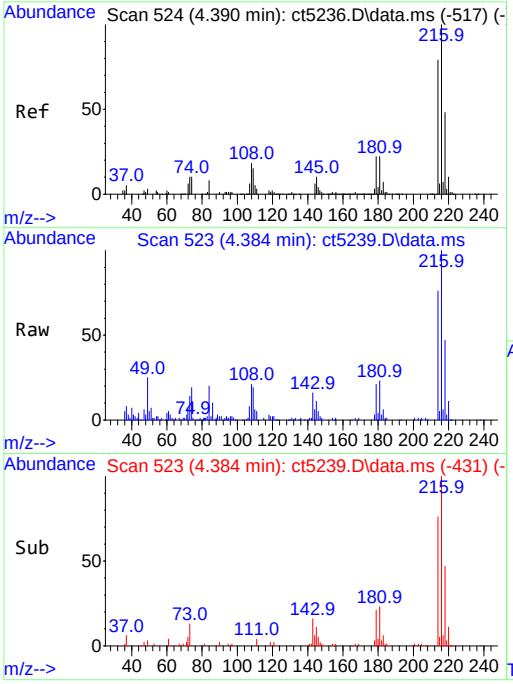


#47
Hexachlorocyclopentadiene
Concen: 0.85 ppm
RT: 4.368 min Scan# 520
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:237 Resp: 5903

Ion	Ratio	Lower	Upper
237	100		
235	61.4	34.5	94.5
272	12.1	0.0	43.6

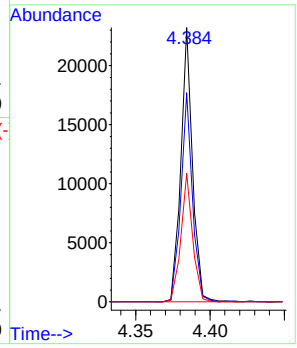


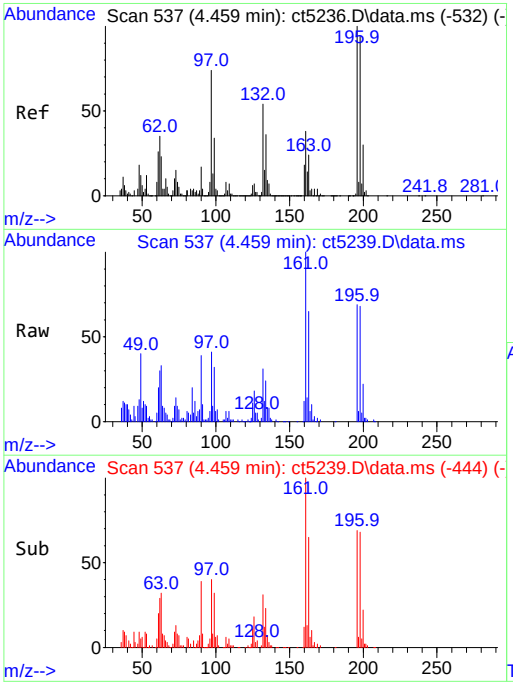


#48
1,2,4,5-tetrachlorobenzene
Concen: 1.03 ppm
RT: 4.384 min Scan# 523
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:216 Resp: 12700

Ion	Ratio	Lower	Upper
216	100		
214	76.6	63.4	95.0
218	47.1	38.4	57.6

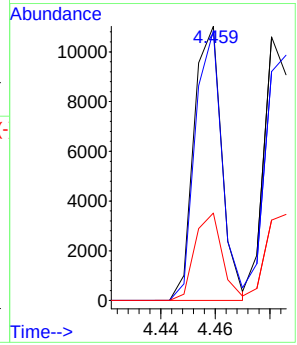


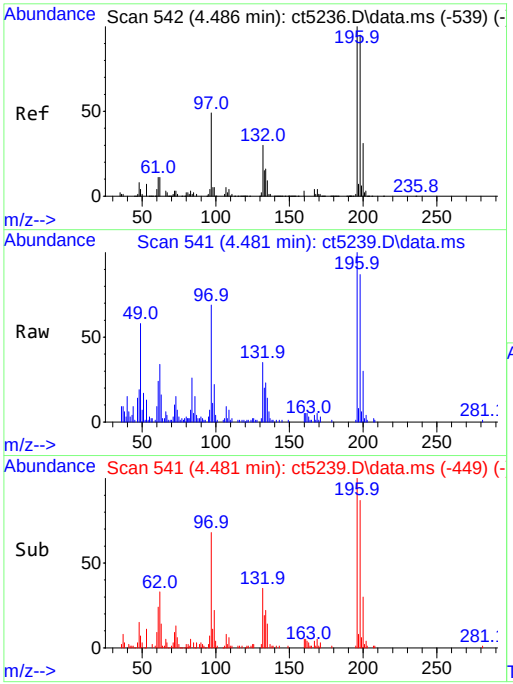


#49
2,4,6-Trichlorophenol
Concen: 0.93 ppm
RT: 4.459 min Scan# 537
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:196 Resp: 7812

Ion	Ratio	Lower	Upper
196	100		
198	97.6	64.2	124.2
200	31.6	0.0	59.5

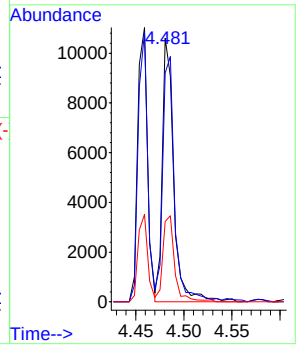


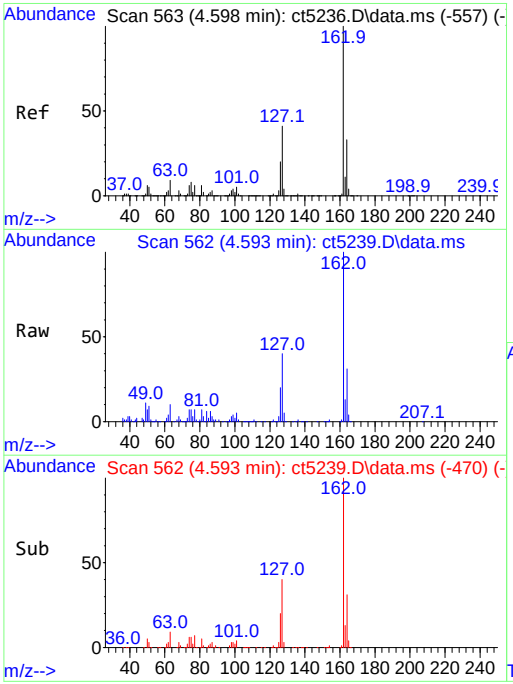


#50
2,4,5-Trichlorophenol
Concen: 0.87 ppm
RT: 4.481 min Scan# 541
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:196 Resp: 8726

Ion	Ratio	Lower	Upper
196	100		
198	85.6	65.2	125.2
200	30.1	0.7	60.7

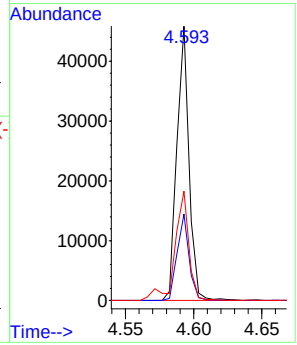


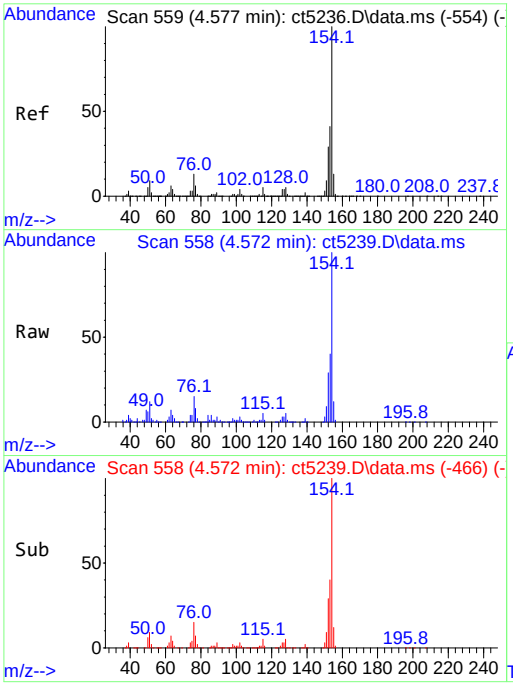


#52
2-Chloronaphthalene
Concen: 1.02 ppm
RT: 4.593 min Scan# 562
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:162 Resp: 28600

Ion	Ratio	Lower	Upper
162	100		
164	31.4	2.8	62.8
127	37.7	11.0	71.0

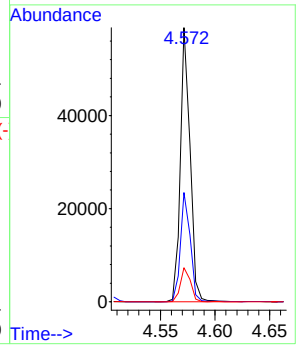


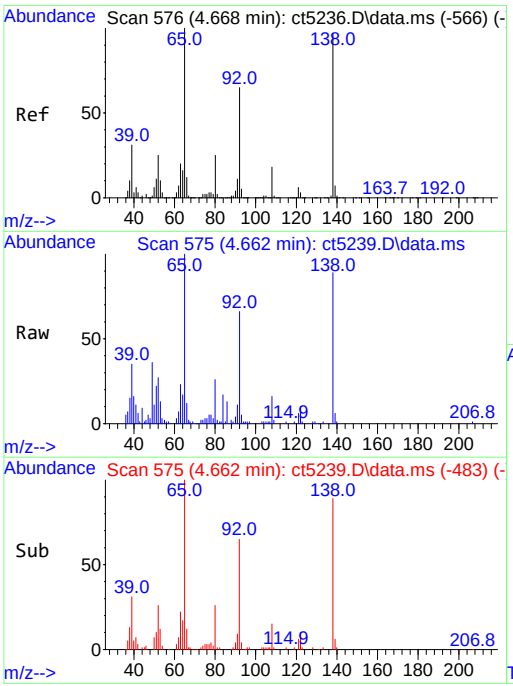


#53
Biphenyl
Concen: 1.02 ppm
RT: 4.572 min Scan# 558
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:154 Resp: 36398

Ion	Ratio	Lower	Upper
154	100		
153	39.8	10.7	70.7
155	12.4	0.0	43.5

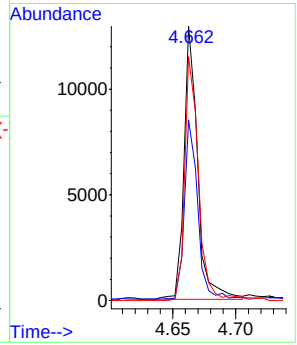


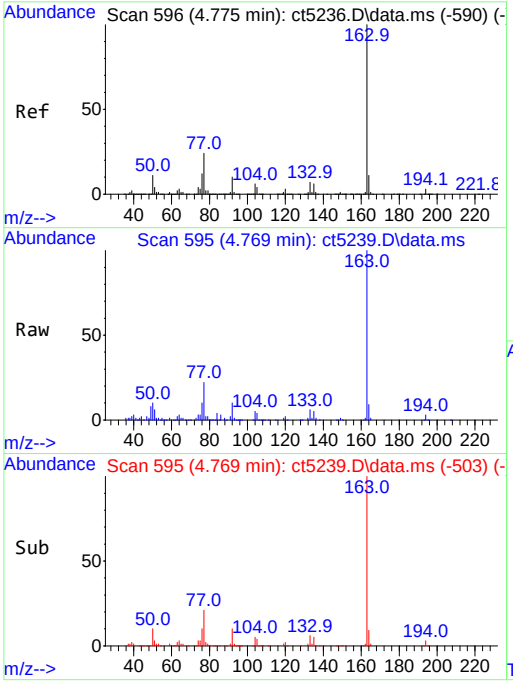


#54
2-Nitroaniline
Concen: 0.87 ppm
RT: 4.662 min Scan# 575
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 65 Resp: 9710

Ion	Ratio	Lower	Upper
65	100		
92	65.9	34.6	94.6
138	89.4	67.0	127.0

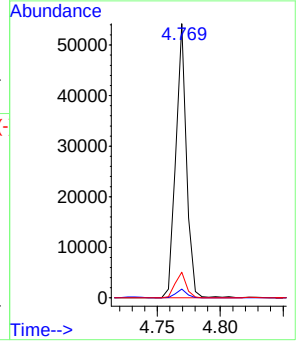


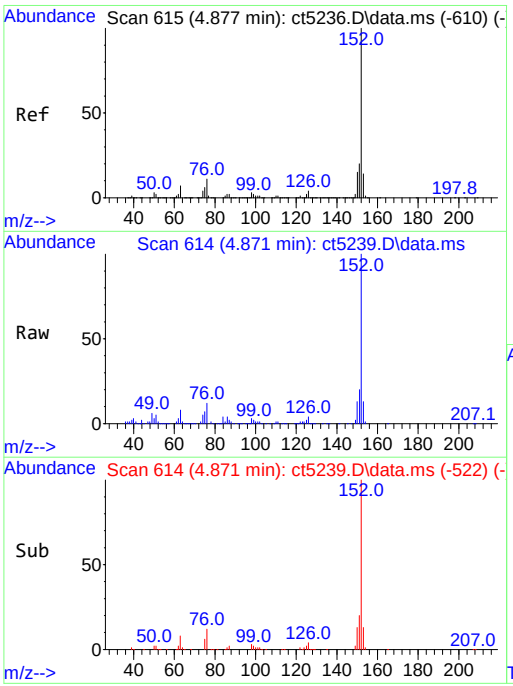


#55
Dimethylphthalate
Concen: 0.95 ppm
RT: 4.769 min Scan# 595
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:163 Resp: 31953

Ion	Ratio	Lower	Upper
163	100		
194	3.2	0.0	33.4
164	9.4	0.0	40.5

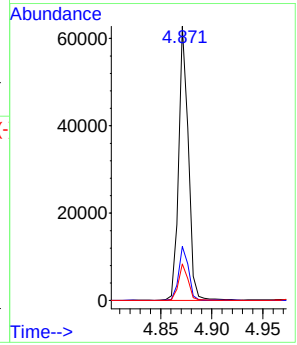


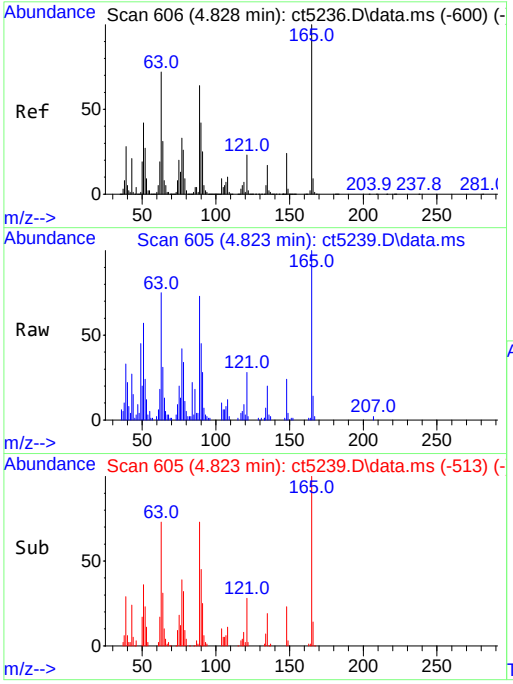


#56
Acenaphthylene
Concen: 0.93 ppm
RT: 4.871 min Scan# 614
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:152 Resp: 41614

Ion	Ratio	Lower	Upper
152	100		
151	19.7	0.0	50.4
153	13.3	0.0	43.6

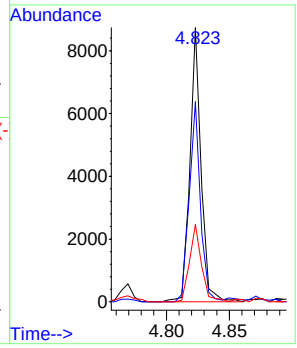


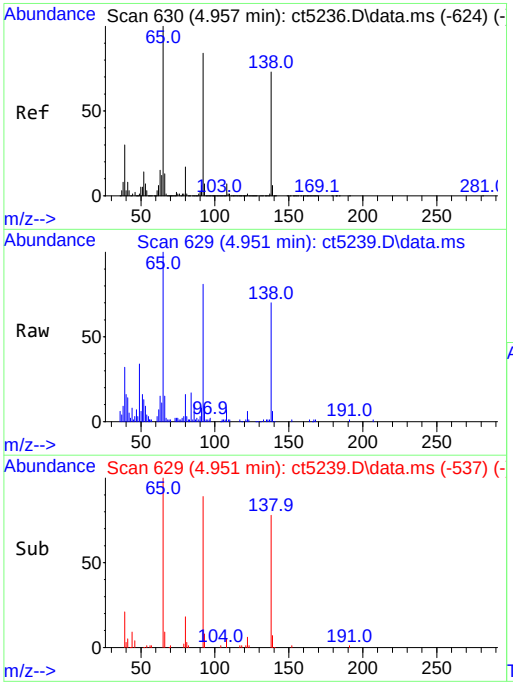


#57
2,6-Dinitrotoluene
Concen: 0.69 ppm
RT: 4.823 min Scan# 605
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:165 Resp: 5399

Ion	Ratio	Lower	Upper
165	100		
89	72.6	34.4	94.4
121	27.8	0.0	53.3

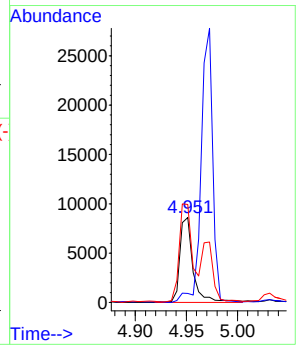


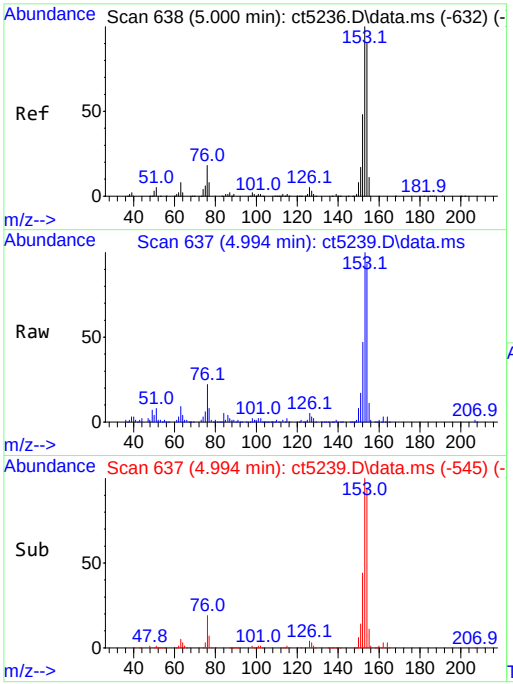


#58
3-Nitroaniline
Concen: 0.78 ppm
RT: 4.951 min Scan# 629
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:138 Resp: 7784

Ion	Ratio	Lower	Upper
138	100		
108	9.9	0.0	40.1
92	114.8	84.8	144.8

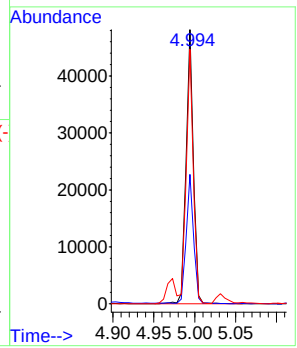


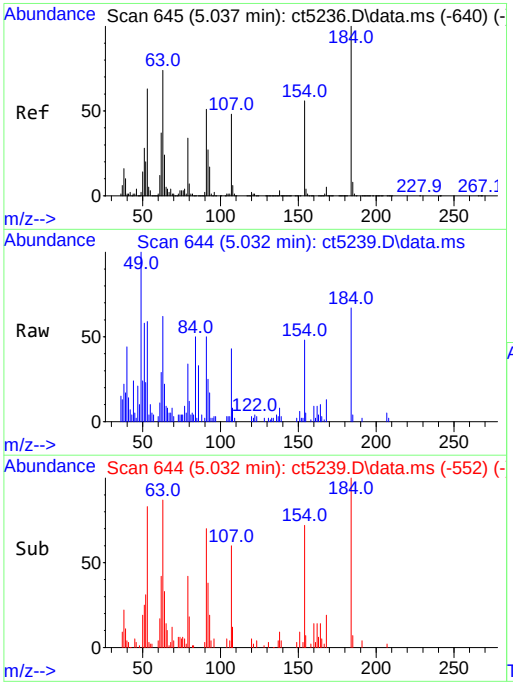


#59
Acenaphthene
Concen: 1.04 ppm
RT: 4.994 min Scan# 637
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:153 Resp: 30258

Ion	Ratio	Lower	Upper
153	100		
152	47.0	18.5	78.5
154	92.5	59.7	119.7

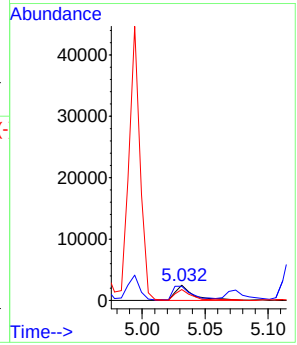


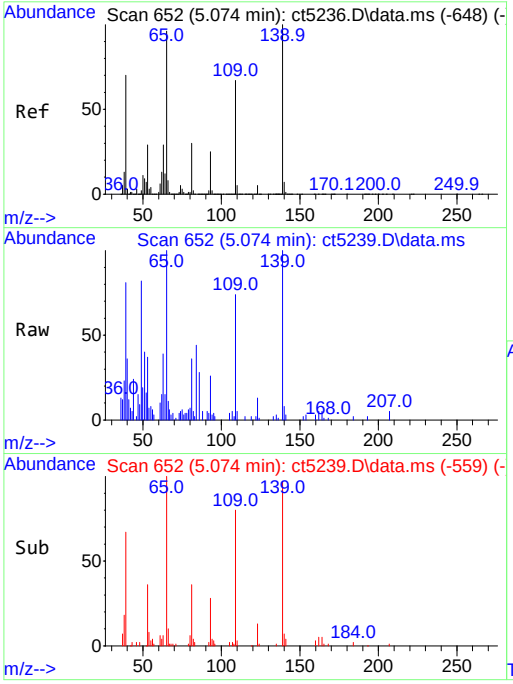


#60
2,4-Dinitrophenol
Concen: 0.53 ppm
RT: 5.032 min Scan# 644
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:184 Resp: 2468

Ion	Ratio	Lower	Upper
184	100		
63	74.7	32.3	92.3
154	67.6	29.0	89.0

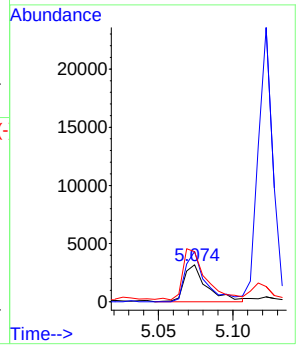


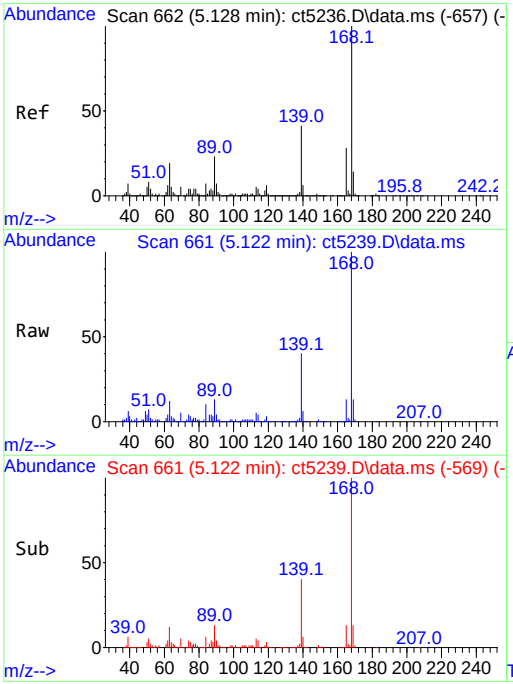


#61
4-Nitrophenol
Concen: 0.62 ppm
RT: 5.074 min Scan# 652
Delta R.T. -0.000 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:109 Resp: 3382

Ion	Ratio	Lower	Upper
109	100		
139	133.7	118.3	178.3
65	131.4	113.1	173.1

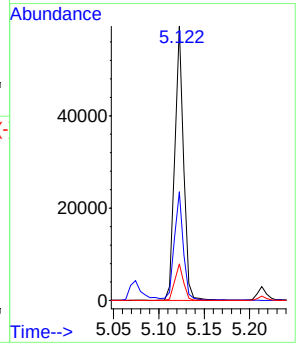


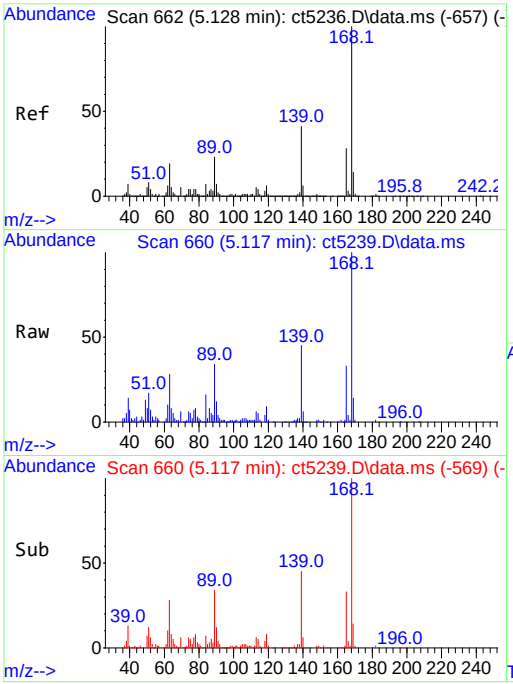


#62
Dibenzofuran
Concen: 1.08 ppm
RT: 5.122 min Scan# 661
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:168 Resp: 40586

Ion	Ratio	Lower	Upper
168	100		
139	39.0	11.5	71.5
169	13.3	0.0	43.8

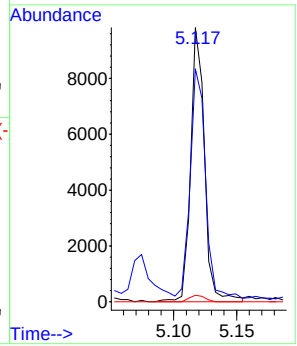


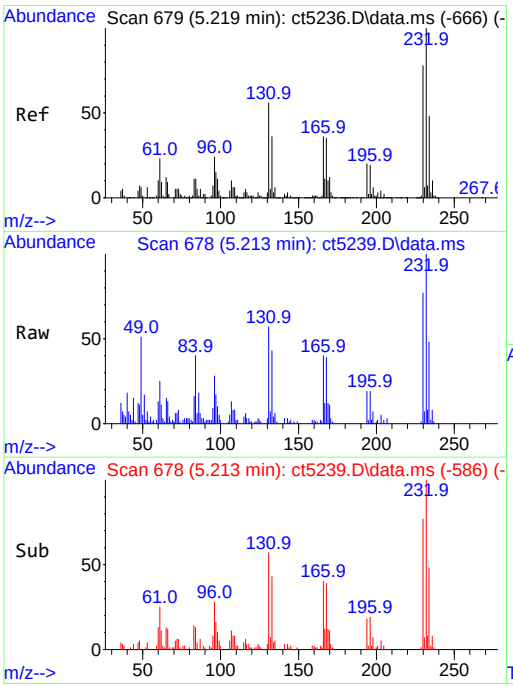


#63
2,4-Dinitrotoluene
Concen: 0.79 ppm
RT: 5.117 min Scan# 660
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:165 Resp: 7564

Ion	Ratio	Lower	Upper
165	100		
63	81.8	35.6	95.6
182	2.4	0.0	32.5

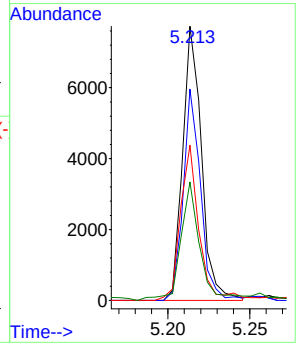


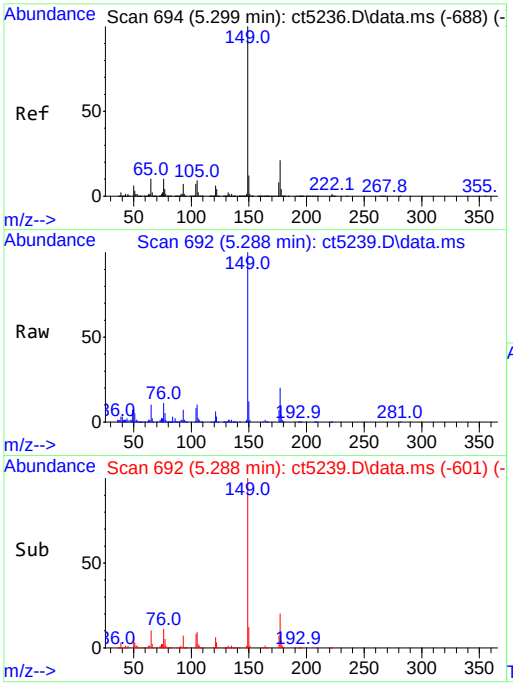


#64
2,3,4,6-Tetrachlorophenol
Concen: 0.82 ppm
RT: 5.213 min Scan# 678
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:232 Resp: 6219

Ion	Ratio	Lower	Upper
232	100		
230	76.9	48.2	108.2
131	56.3	25.8	85.8
133	42.0	6.2	66.2

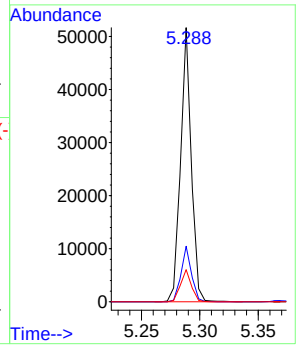


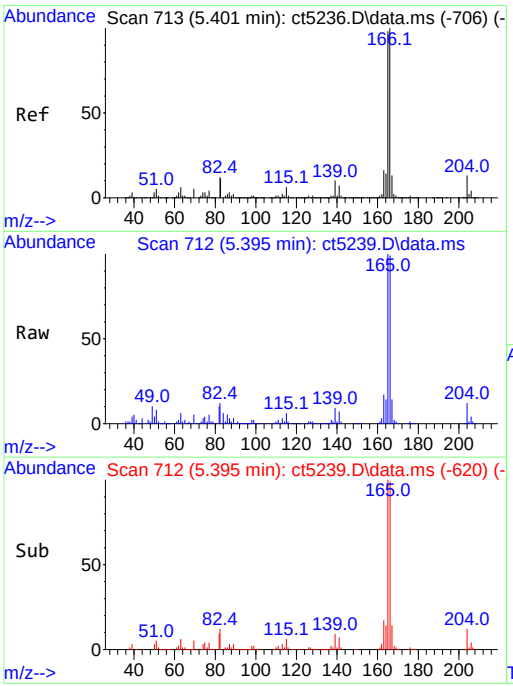


#65
Diethylphthalate
Concen: 0.95 ppm
RT: 5.288 min Scan# 692
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:149 Resp: 32855

Ion	Ratio	Lower	Upper
149	100		
177	20.3	0.0	50.7
150	11.7	0.0	42.5

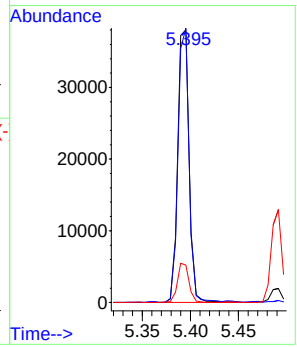


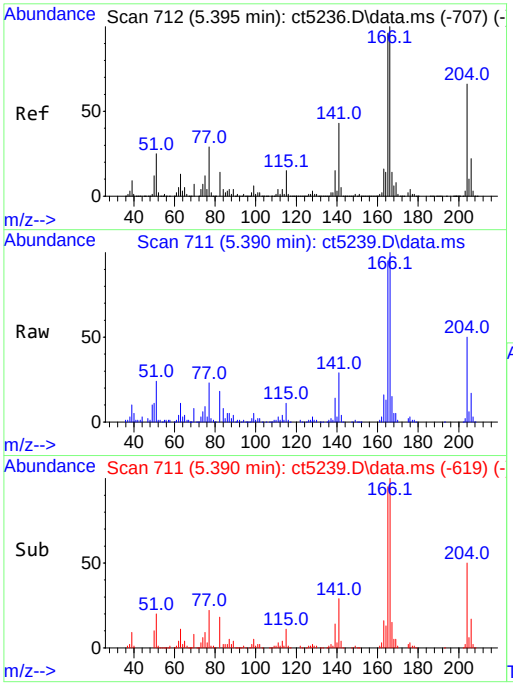


#66
Fluorene
Concen: 1.05 ppm
RT: 5.395 min Scan# 712
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:166 Resp: 31194

Ion	Ratio	Lower	Upper
166	100		
165	100.4	67.6	127.6
167	13.7	0.0	43.4

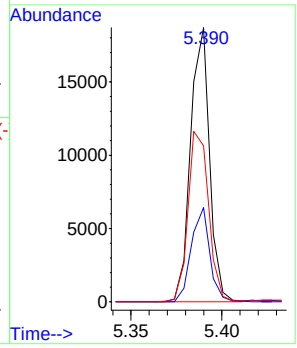


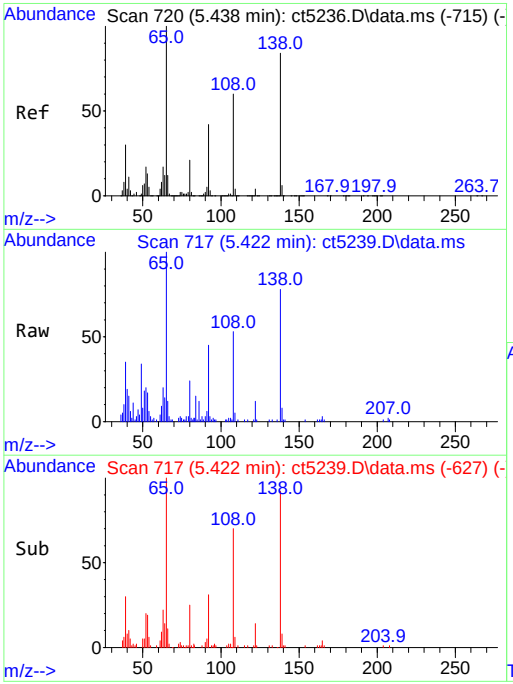


#67
4-Chlorophenyl-phenylether
Concen: 1.05 ppm
RT: 5.390 min Scan# 711
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:204 Resp: 13513

Ion	Ratio	Lower	Upper
204	100		
206	34.3	2.9	62.9
141	56.8	34.9	94.9

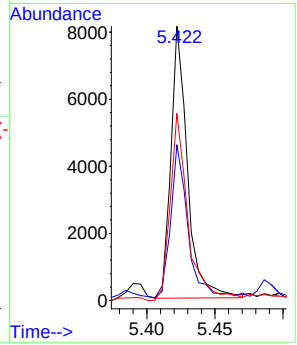


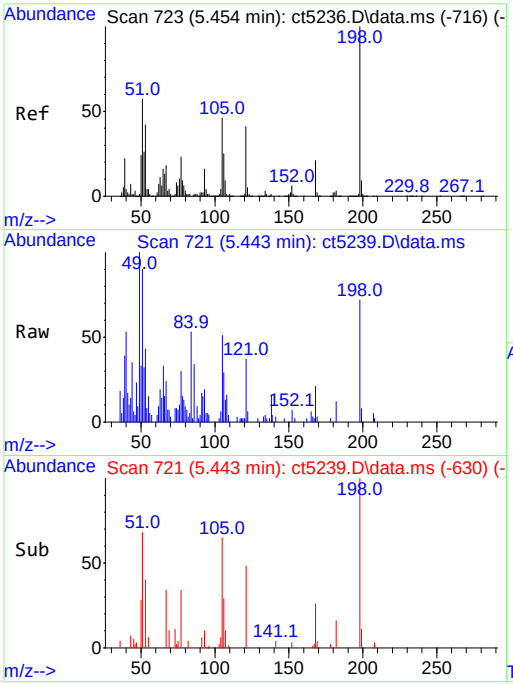


#68
4-Nitroaniline
Concen: 0.70 ppm
RT: 5.422 min Scan# 717
Delta R.T. -0.016 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:138 Resp: 6871

Ion	Ratio	Lower	Upper
138	100		
92	56.0	20.2	80.2
108	68.7	41.6	101.6

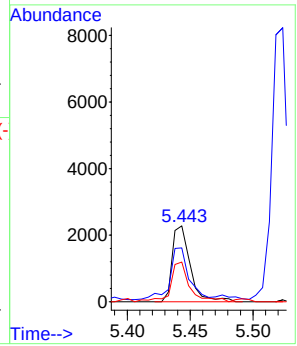


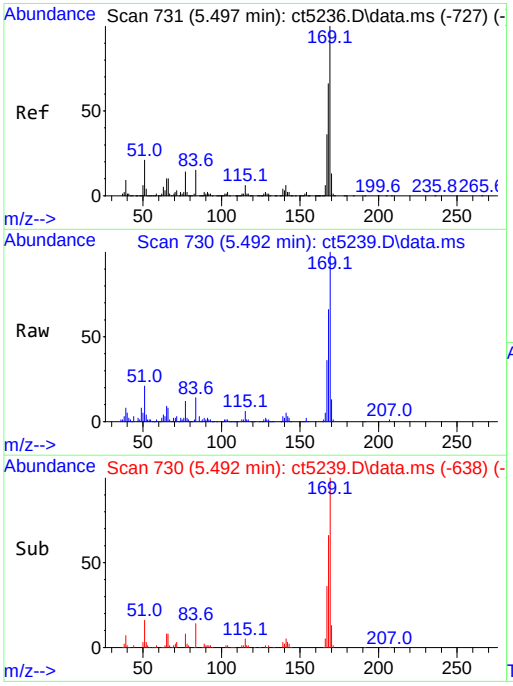


#70
4,6-Dinitro-2-methylphenol
Concen: 0.37 ppm
RT: 5.443 min Scan# 721
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:198 Resp: 2259

Ion	Ratio	Lower	Upper
198	100		
105	63.5	15.6	75.6
121	48.0	11.4	71.4

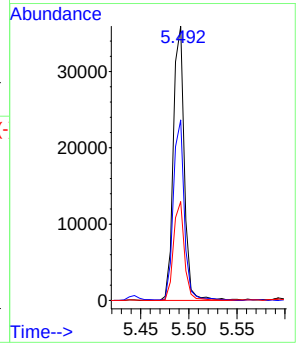


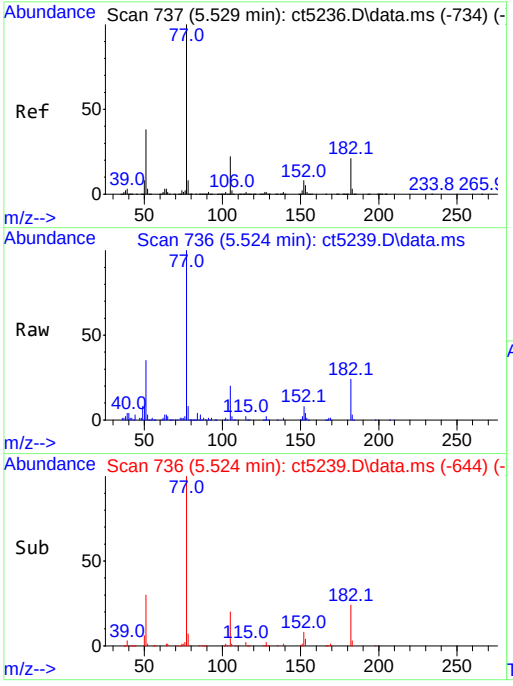


#71
n-Nitrosodiphenylamine
Concen: 1.02 ppm
RT: 5.492 min Scan# 730
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:169 Resp: 28464

Ion	Ratio	Lower	Upper
169	100		
168	65.7	36.0	96.0
167	36.0	6.2	66.2

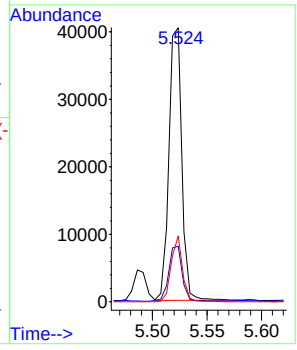


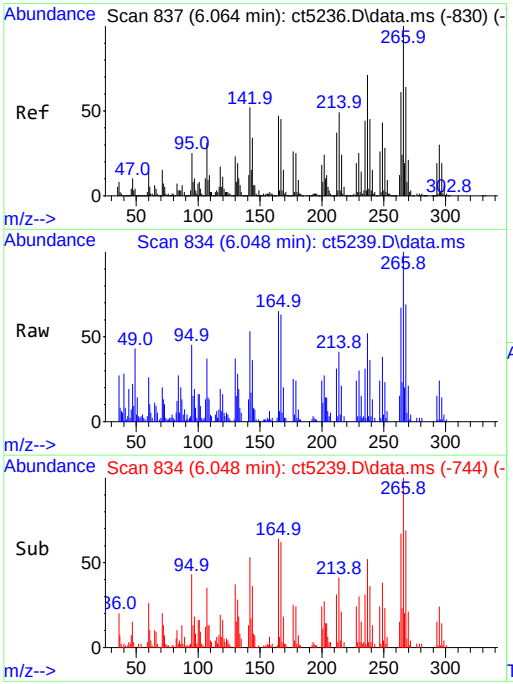


#72
1,2-Diphenylhydrazine
Concen: 0.90 ppm
RT: 5.524 min Scan# 736
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 77 Resp: 33334

Ion	Ratio	Lower	Upper
77	100		
105	19.9	0.0	51.9
182	24.2	0.0	51.0

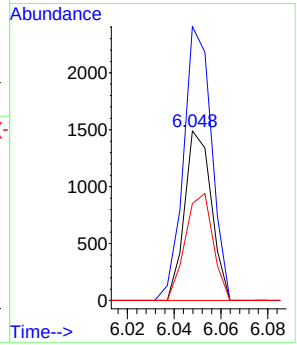


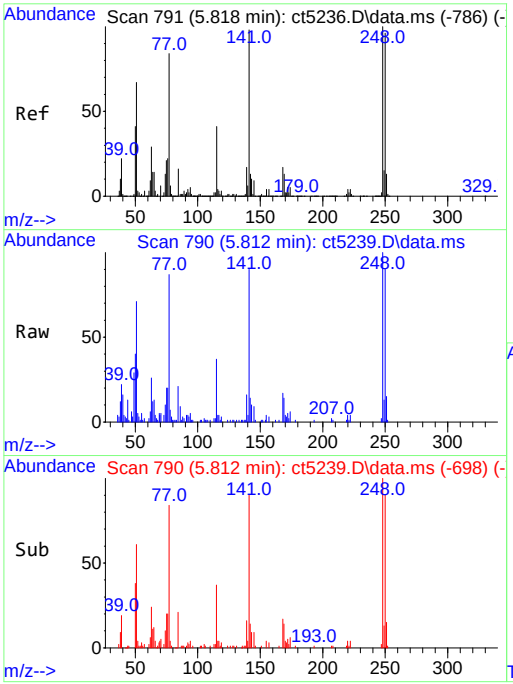


#73
pentachloronitrobenzene
Concen: 0.82 ppm
RT: 6.048 min Scan# 834
Delta R.T. -0.016 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:295 Resp: 1181

Ion	Ratio	Lower	Upper
295	100		
249	169.9	121.8	182.8
297	65.4	51.7	77.5

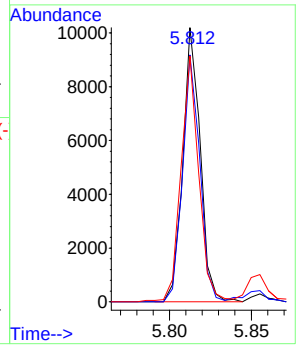


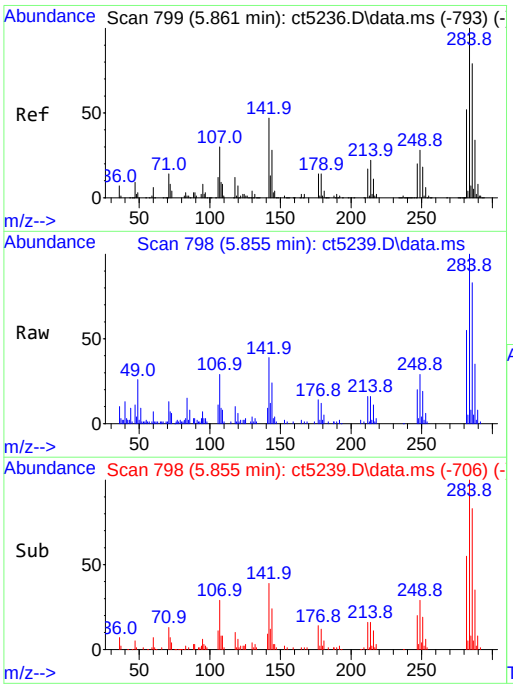


#75
4-Bromophenyl-phenylether
Concen: 0.93 ppm
RT: 5.812 min Scan# 790
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:248 Resp: 7567

Ion	Ratio	Lower	Upper
248	100		
250	89.3	65.9	125.9
141	88.1	68.1	128.1

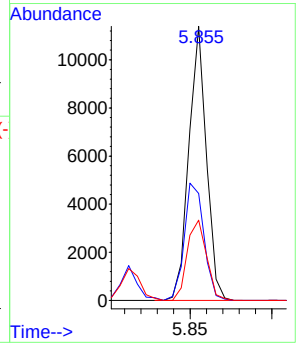


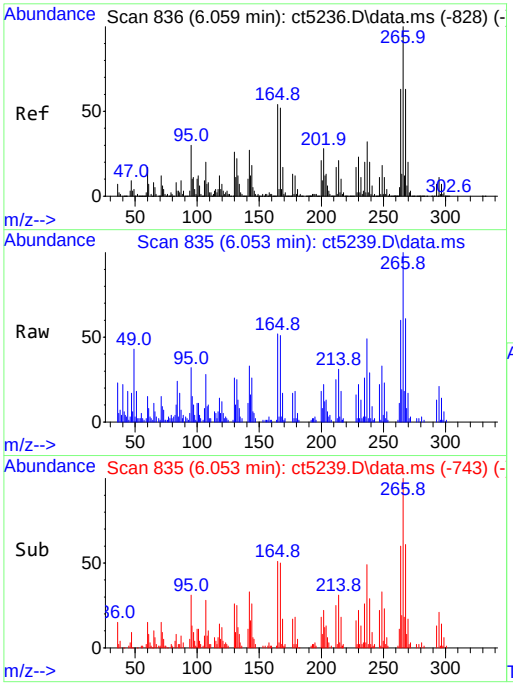


#76
Hexachlorobenzene
Concen: 0.94 ppm
RT: 5.855 min Scan# 798
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:284 Resp: 8544

Ion	Ratio	Lower	Upper
284	100		
142	38.5	17.4	77.4
249	29.0	0.0	59.7

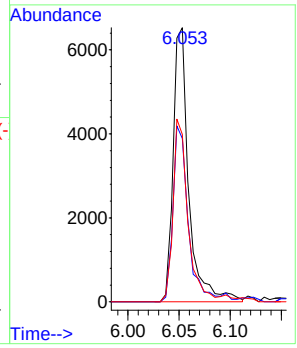


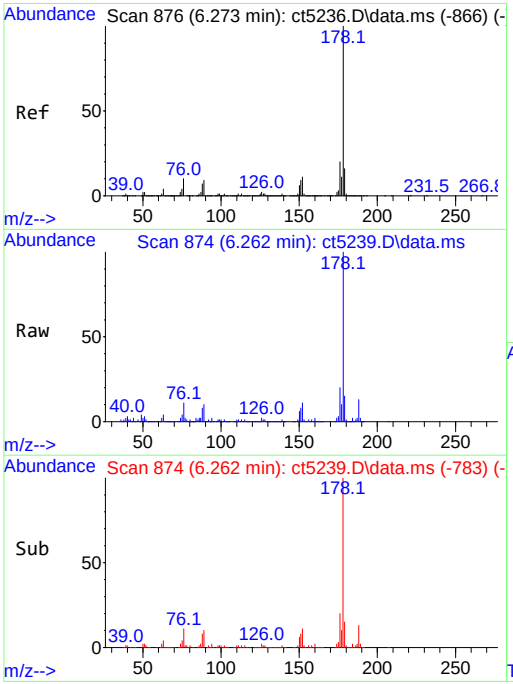


#77
Pentachlorophenol
Concen: 1.36 ppm
RT: 6.053 min Scan# 835
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:266 Resp: 6953

Ion	Ratio	Lower	Upper
266	100		
264	59.1	32.9	92.9
268	60.6	33.4	93.4

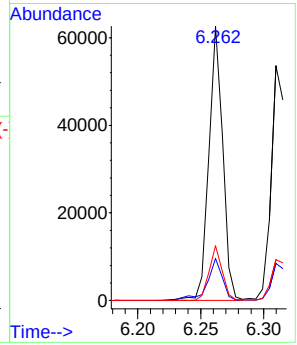


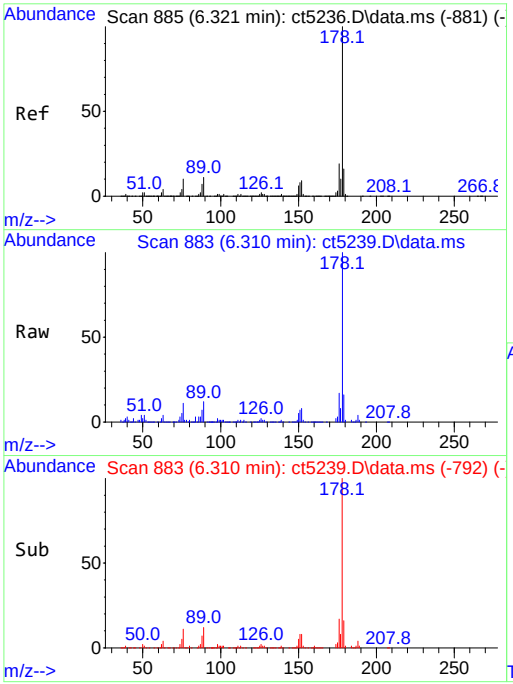


#78
Phenanthrene
Concen: 1.04 ppm
RT: 6.262 min Scan# 874
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:178 Resp: 47976

Ion	Ratio	Lower	Upper
178	100		
179	15.3	0.0	46.1
176	19.9	0.0	50.2

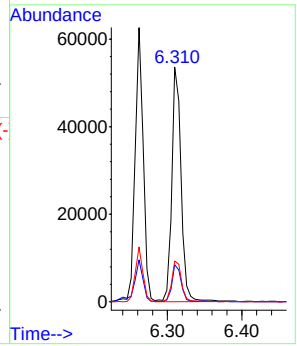


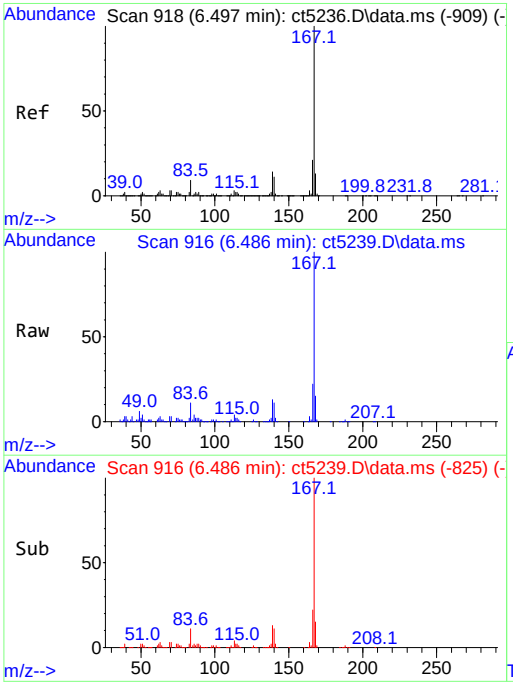


#79
Anthracene
Concen: 0.97 ppm
RT: 6.310 min Scan# 883
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:178 Resp: 46337

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	45.8
176	17.4	0.0	49.2

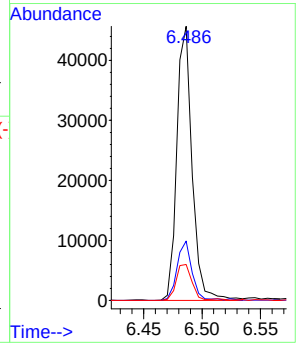


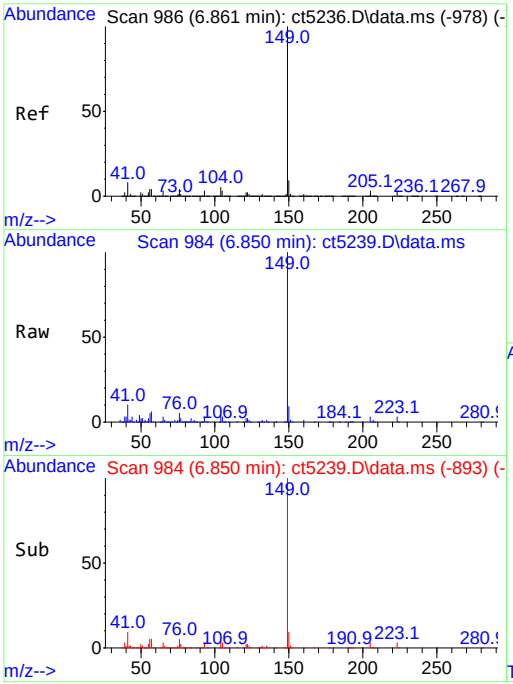


#80
Carbazole
Concen: 0.88 ppm
RT: 6.486 min Scan# 916
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:167 Resp: 41570

Ion	Ratio	Lower	Upper
167	100		
166	21.7	0.0	51.5
139	13.0	0.0	43.6

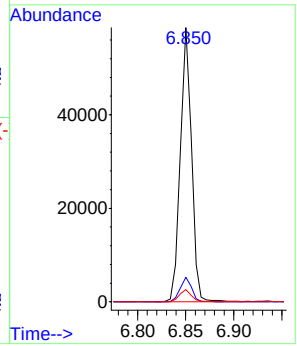


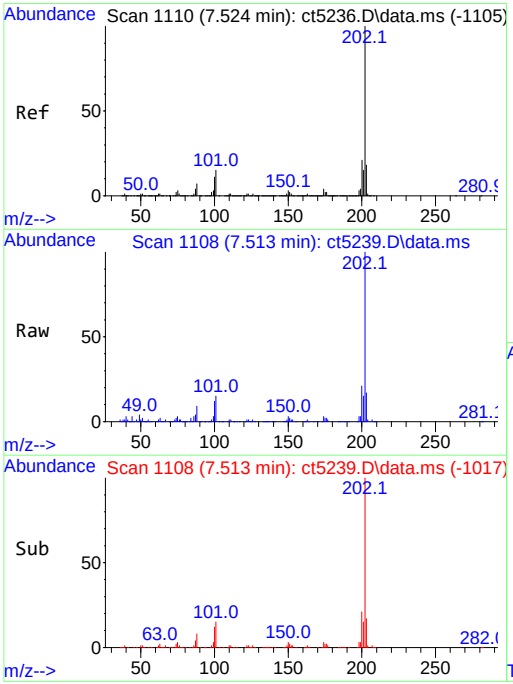


#81
Di-n-butylphthalate
Concen: 0.80 ppm
RT: 6.850 min Scan# 984
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:149 Resp: 47502

Ion	Ratio	Lower	Upper
149	100		
150	9.0	0.0	39.2
104	4.5	0.0	34.7

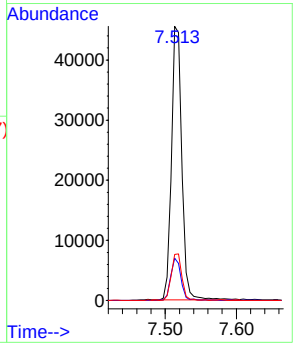


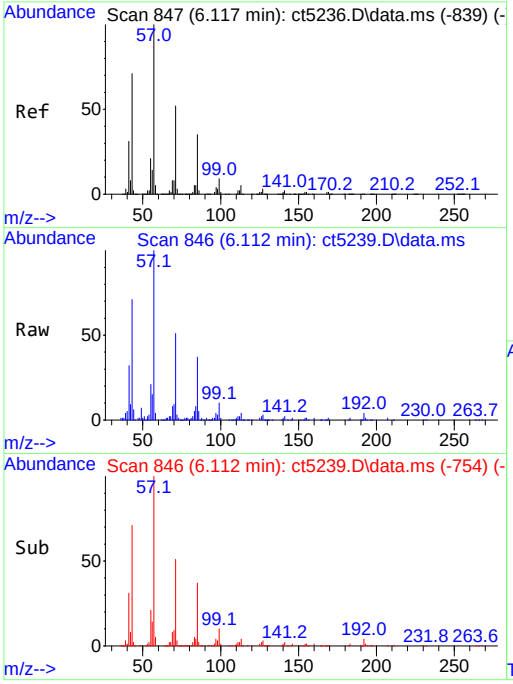


#82
Fluoranthene
Concen: 0.94 ppm
RT: 7.513 min Scan# 1108
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:202 Resp: 45991

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	45.1
203	16.9	0.0	47.9

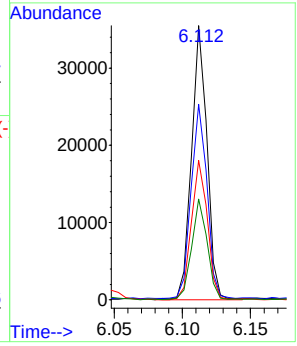


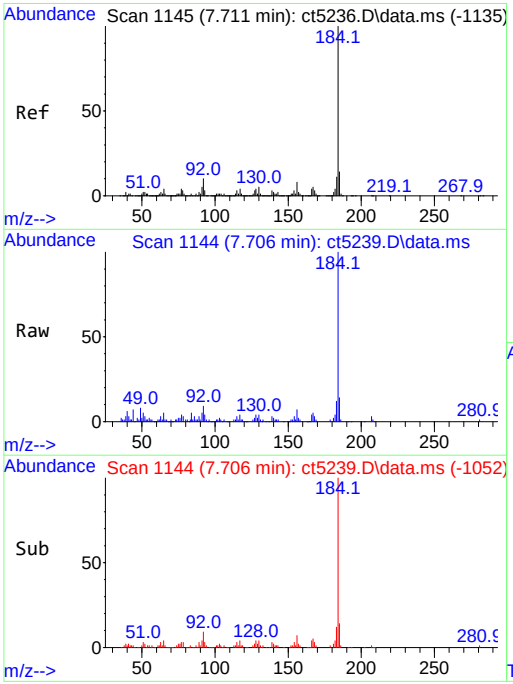


#83
Octadecane
Concen: 0.89 ppm
RT: 6.112 min Scan# 846
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion: 57 Resp: 28036

Ion	Ratio	Lower	Upper
57	100		
43	70.8	41.3	101.3
71	50.7	22.1	82.1
85	36.5	5.4	65.4

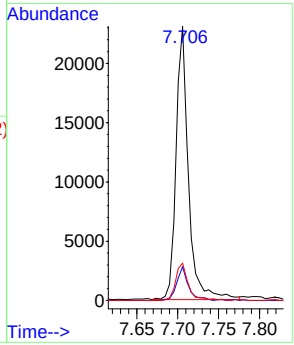


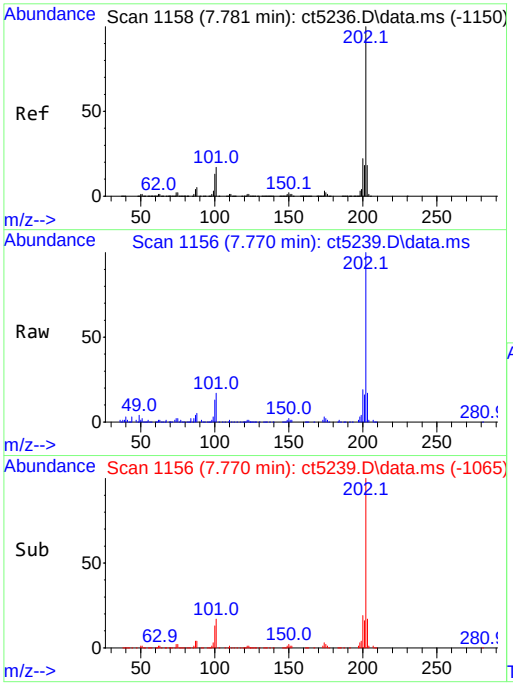


#85
benzidine
Concen: 0.62 ppm
RT: 7.706 min Scan# 1144
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:184 Resp: 24260

Ion	Ratio	Lower	Upper
184	100		
183	11.7	9.1	13.7
185	14.2	11.1	16.7

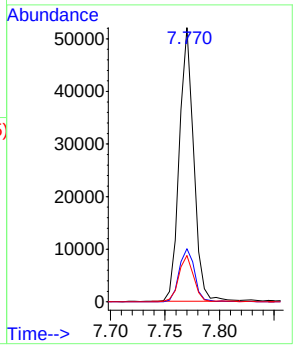


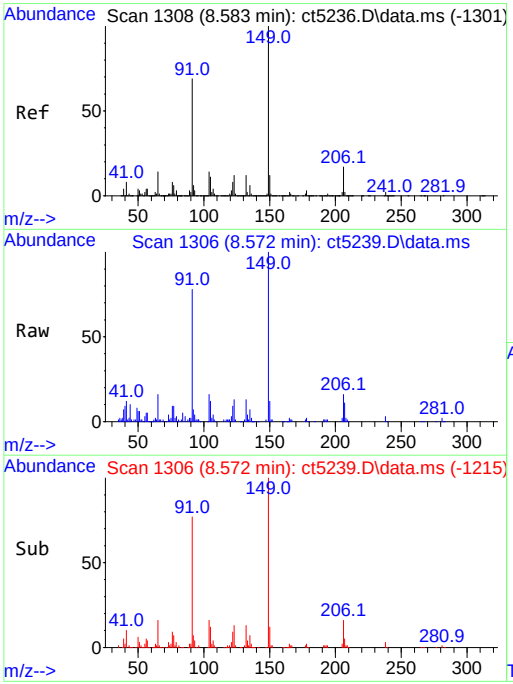


#86
Pyrene
Concen: 0.81 ppm
RT: 7.770 min Scan# 1156
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:202 Resp: 47705

Ion	Ratio	Lower	Upper
202	100		
200	19.4	0.0	51.5
203	17.0	0.0	47.8

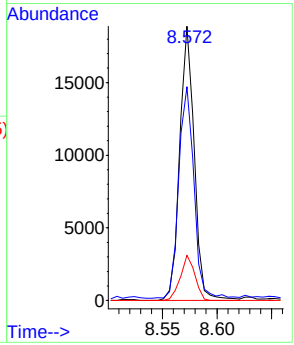


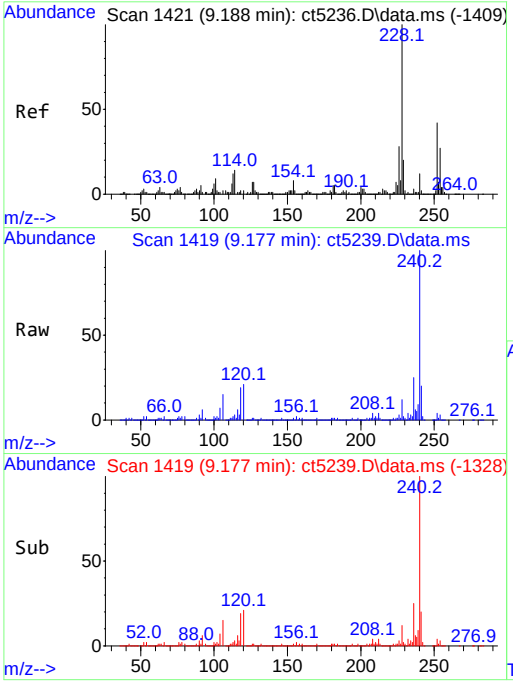


#88
Butylbenzylphthalate
Concen: 0.56 ppm
RT: 8.572 min Scan# 1306
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:149 Resp: 17491

Ion	Ratio	Lower	Upper
149	100		
91	77.2	39.4	99.4
206	16.5	0.0	46.7

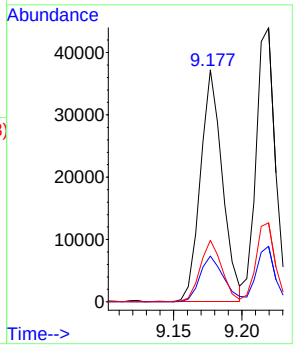


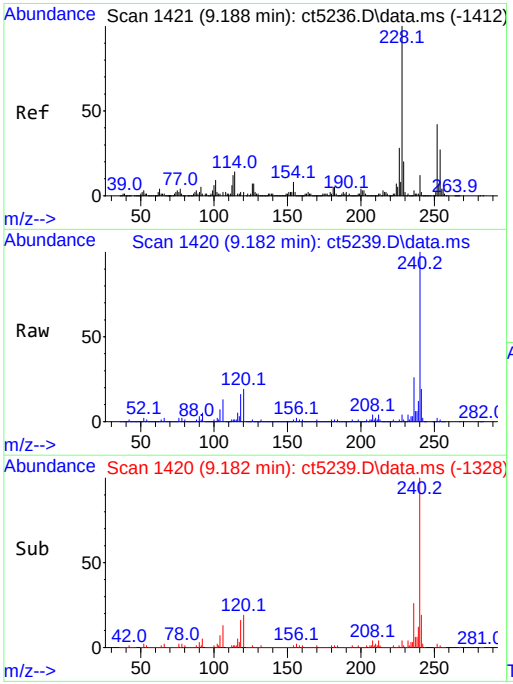


#89
Benzo[a]anthracene
Concen: 0.90 ppm
RT: 9.177 min Scan# 1419
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:228 Resp: 41543

Ion	Ratio	Lower	Upper
228	100		
229	19.2	0.0	50.1
226	27.0	0.0	58.2

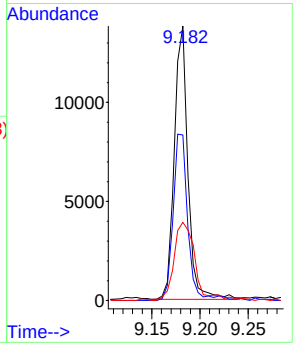


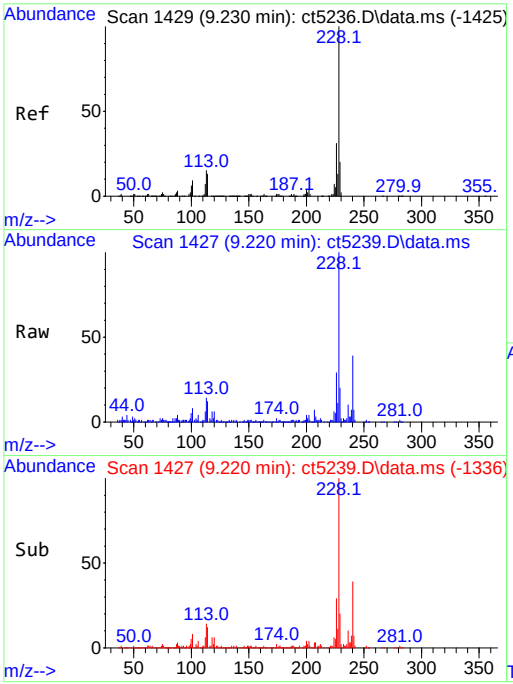


#90
3,3'-Dichlorobenzidine
Concen: 0.82 ppm
RT: 9.182 min Scan# 1420
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:252 Resp: 13544

Ion	Ratio	Lower	Upper
252	100		
254	60.4	33.8	93.8
126	28.3	0.0	47.4

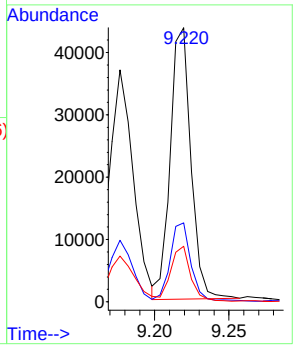


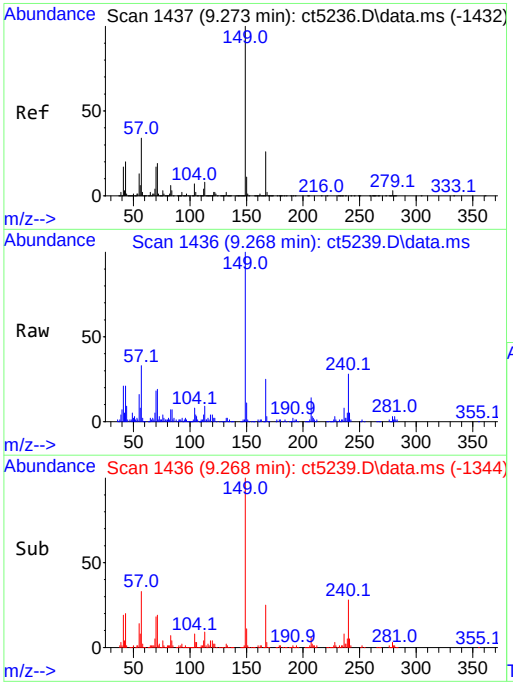


#91
Chrysene
Concen: 0.89 ppm
RT: 9.220 min Scan# 1427
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:228 Resp: 42333

Ion	Ratio	Lower	Upper
228	100		
226	29.1	0.6	60.6
229	19.8	0.0	49.6

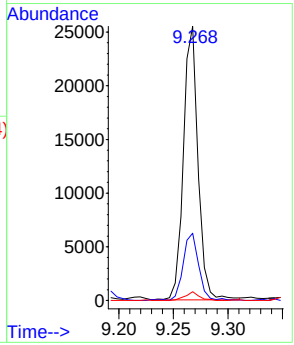


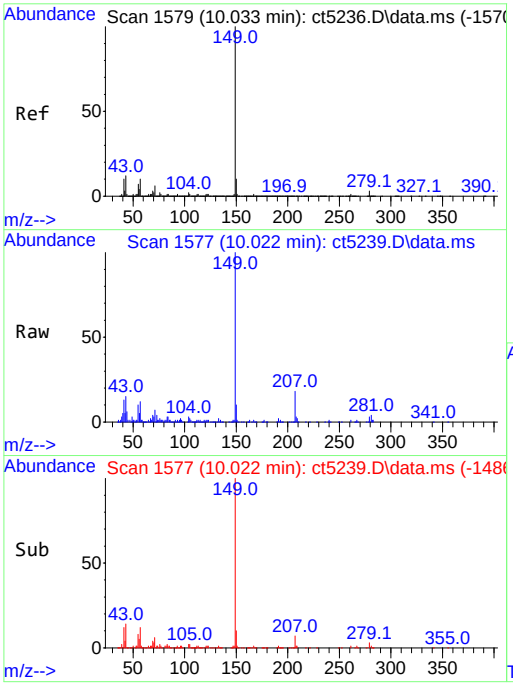


#92
bis(2-Ethylhexyl)phthalate
Concen: 0.56 ppm
RT: 9.268 min Scan# 1436
Delta R.T. -0.005 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:149 Resp: 23672

Ion	Ratio	Lower	Upper
149	100		
167	24.4	0.0	56.2
279	3.1	0.0	32.9

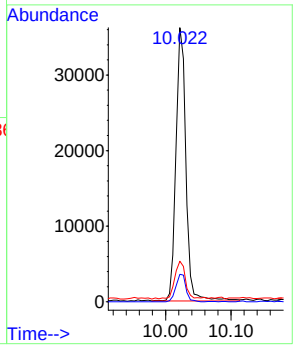


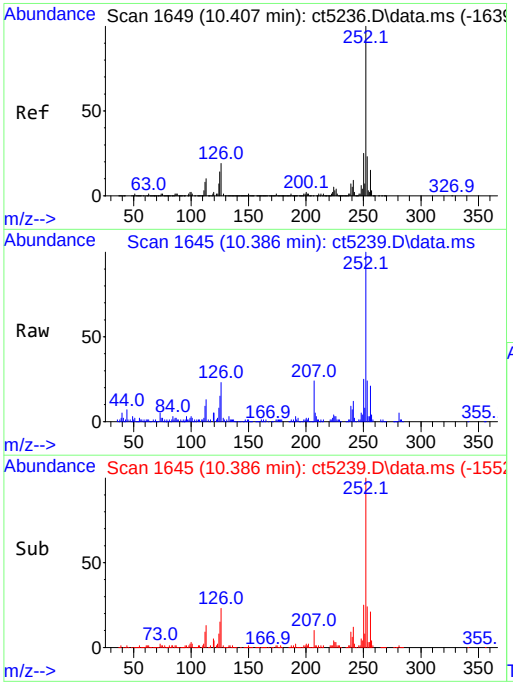


#94
Di-n-octylphthalate
Concen: 0.57 ppm
RT: 10.022 min Scan# 1577
Delta R.T. -0.011 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:149 Resp: 37931

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	40.0
43	13.7	0.0	42.5

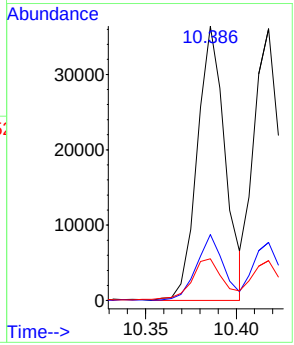


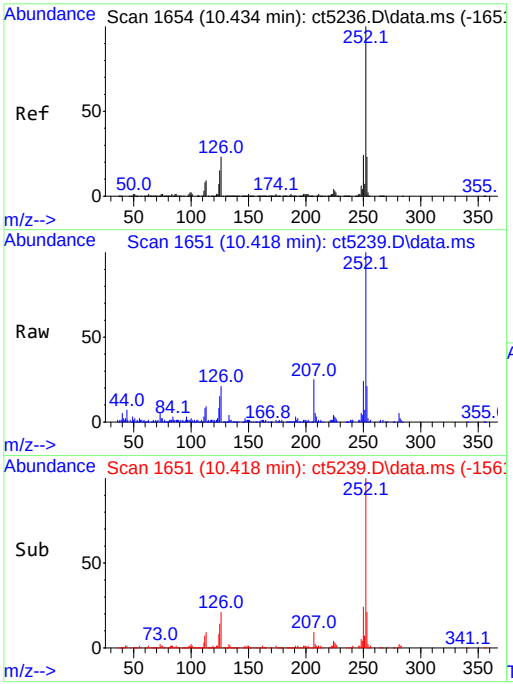


#95
Benzo[b]fluoranthene
Concen: 0.94 ppm
RT: 10.386 min Scan# 1645
Delta R.T. -0.002 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:252 Resp: 38871

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	53.2
125	14.6	0.0	44.2

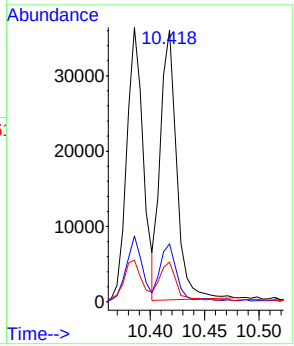


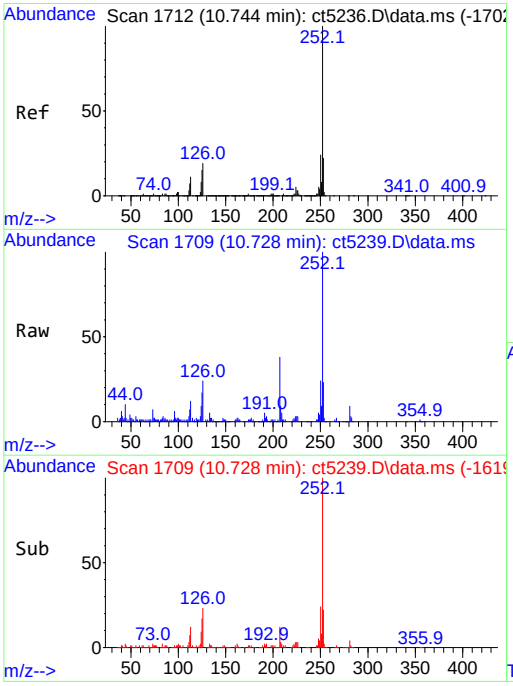


#96
Benzo[k]fluoranthene
Concen: 0.89 ppm
RT: 10.418 min Scan# 1651
Delta R.T. -0.016 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:252 Resp: 37118

Ion	Ratio	Lower	Upper
252	100		
253	21.7	0.0	52.5
125	13.9	0.0	45.1

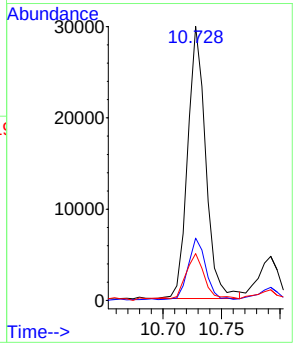


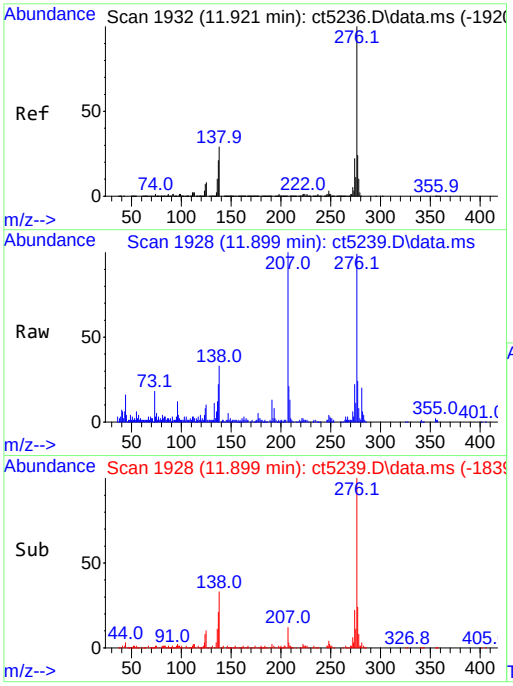


#97
Benzo[a]pyrene
Concen: 0.81 ppm
RT: 10.728 min Scan# 1709
Delta R.T. -0.016 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:252 Resp: 31862

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	52.4
125	16.7	0.0	44.9

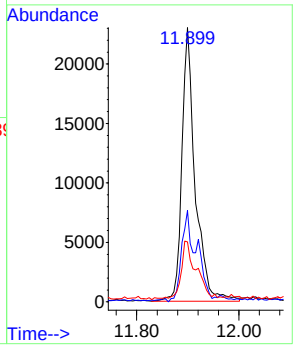


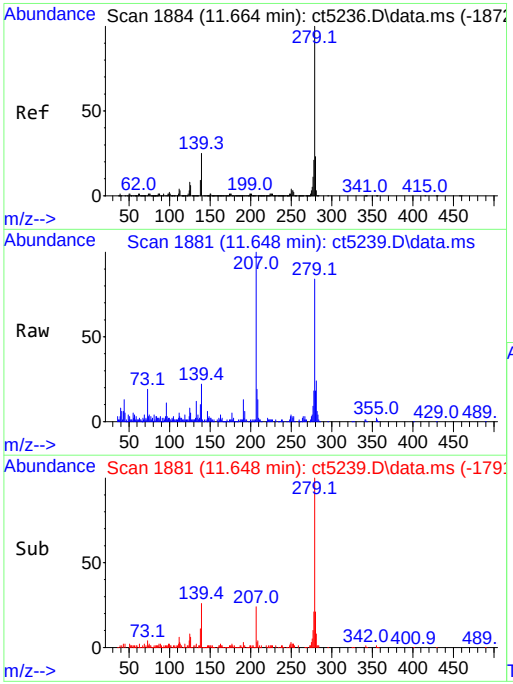


#98
Indeno[1,2,3-cd]pyrene
Concen: 0.85 ppm
RT: 11.899 min Scan# 1928
Delta R.T. -0.021 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:276 Resp: 41601

Ion	Ratio	Lower	Upper
276	100		
138	32.8	0.0	59.2
137	20.6	0.0	50.7

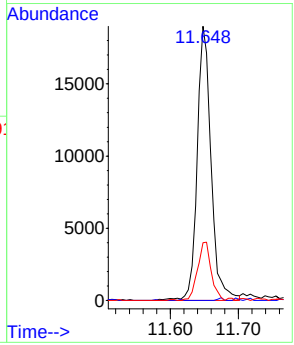


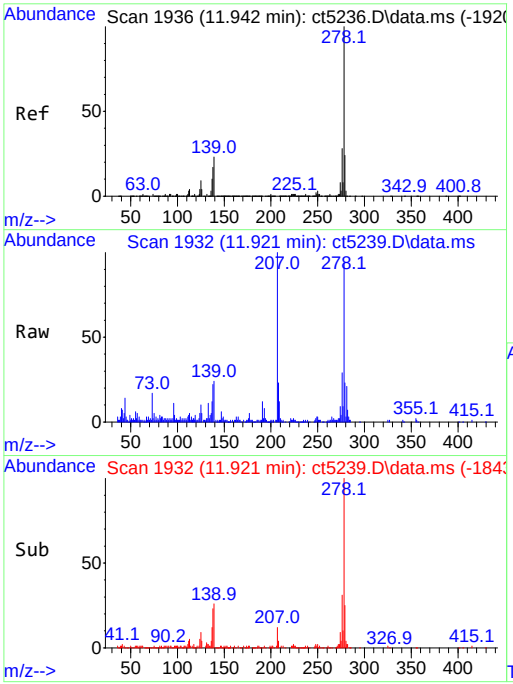


#99
Dibenz(a,h)acridine
Concen: 0.78 ppm
RT: 11.648 min Scan# 1881
Delta R.T. -0.016 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:279 Resp: 26769

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	21.0	0.0	53.2

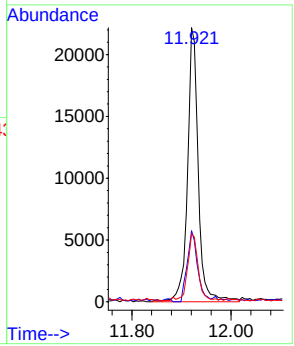


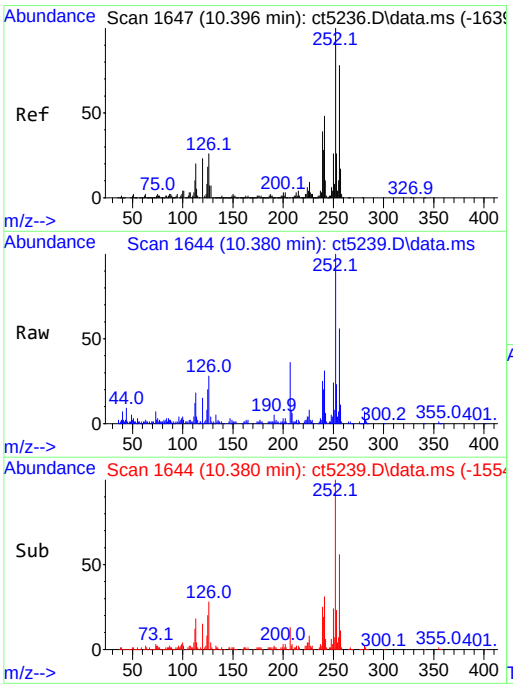


#100
Dibenz[a,h]anthracene
Concen: 0.85 ppm
RT: 11.921 min Scan# 1932
Delta R.T. -0.021 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:278 Resp: 33360

Ion	Ratio	Lower	Upper
278	100		
139	25.3	0.0	53.3
279	24.2	0.0	53.8

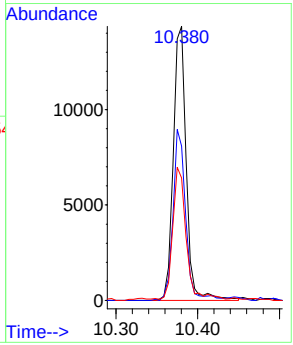


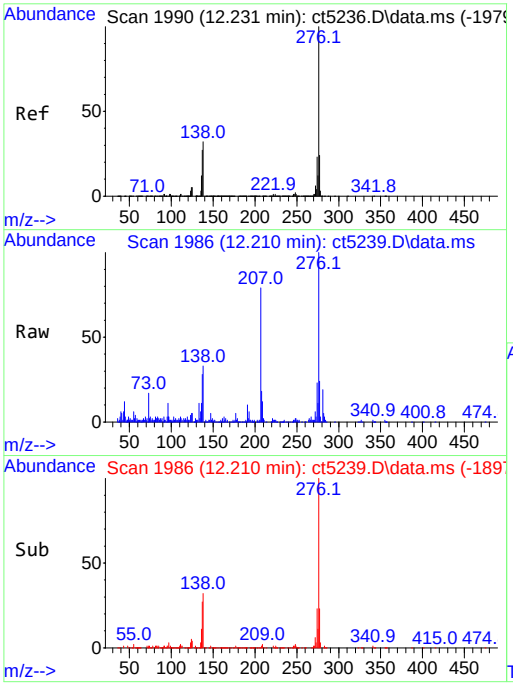


#101
7,12-Dimethylbenz(a)anthracene
Concen: 0.90 ppm
RT: 10.380 min Scan# 1644
Delta R.T. -0.016 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:256 Resp: 15847

Ion	Ratio	Lower	Upper
256	100		
241	55.9	32.2	92.2
239	44.3	19.8	79.8

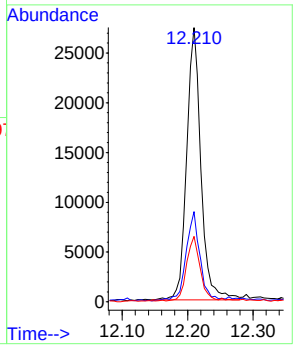




#102
Benzo[g,h,i]perylene
Concen: 1.08 ppm
RT: 12.210 min Scan# 1986
Delta R.T. -0.021 min
Lab File: ct5239.D
Acq: 15 Feb 2024 12:29 pm

Tgt Ion:276 Resp: 41486

Ion	Ratio	Lower	Upper
276	100		
138	32.5	1.8	61.8
277	23.6	0.0	53.9



Manual Integration Approval Summary

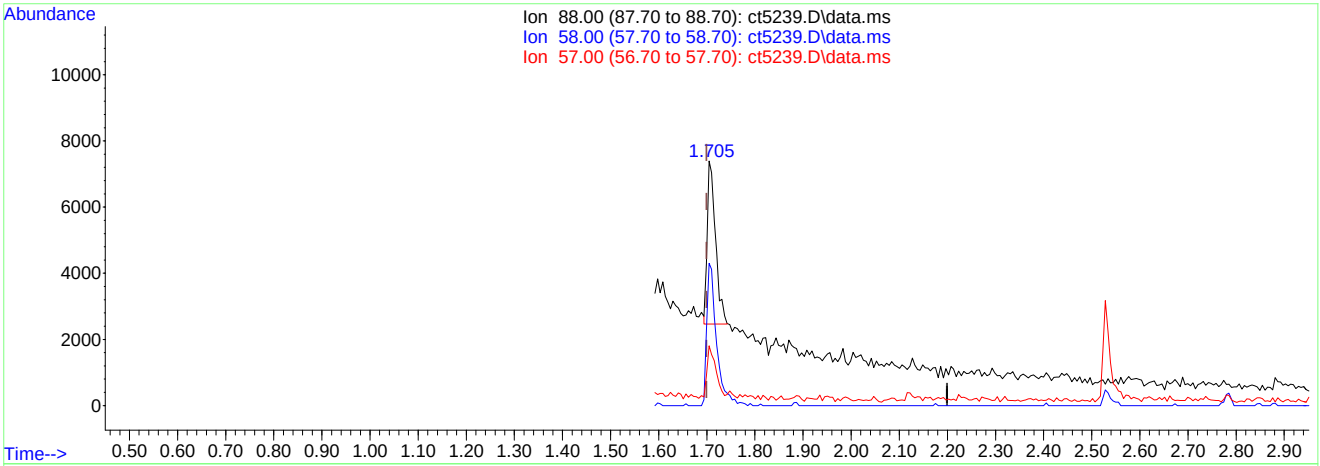
Sample Number: ECT266-IC266
Lab FileID: CT5239.D
Injection Time: 02/15/24 12:29
Method: SW846 8270E
Analyst approved: 02/16/24 10:00 Ying Li
Supervisor approved: 02/16/24 11:39 Nina Pandya

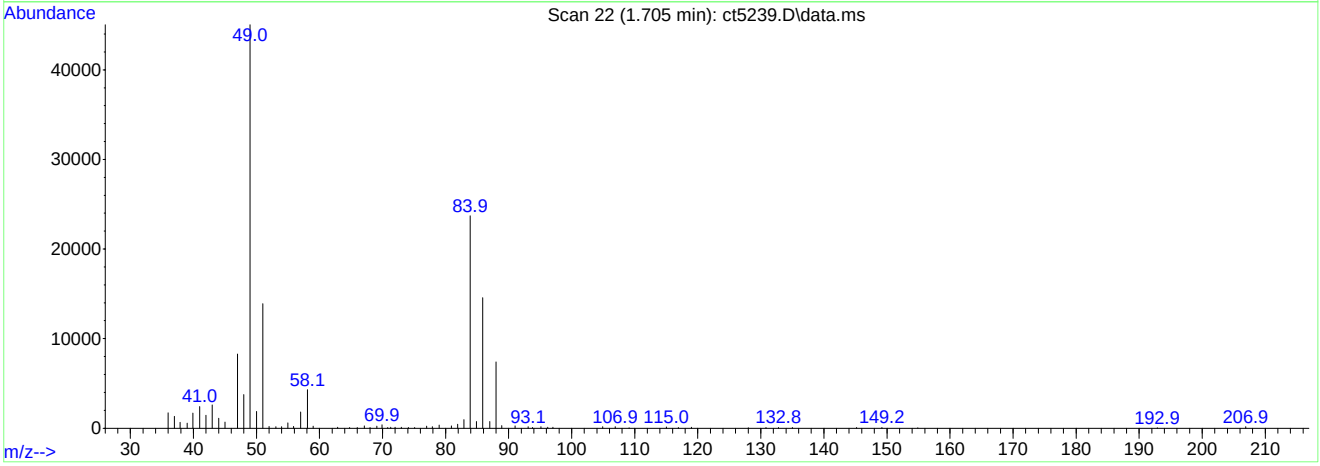
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,4-Dioxane	123-91-1		1.70	Poor instrument integration
Phenol	108-95-2		3.01	Poor instrument integration

Quantitation Report (Qedit)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5239.D
Acq On : 15 Feb 2024 12:29 pm
Operator : jackleey
Sample : ic266-1
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 09:13:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration





TIC: ct5239.D\data.ms

(2) 1,4-Dioxane (t)

1.705min (+0.005) 0.74ppm m

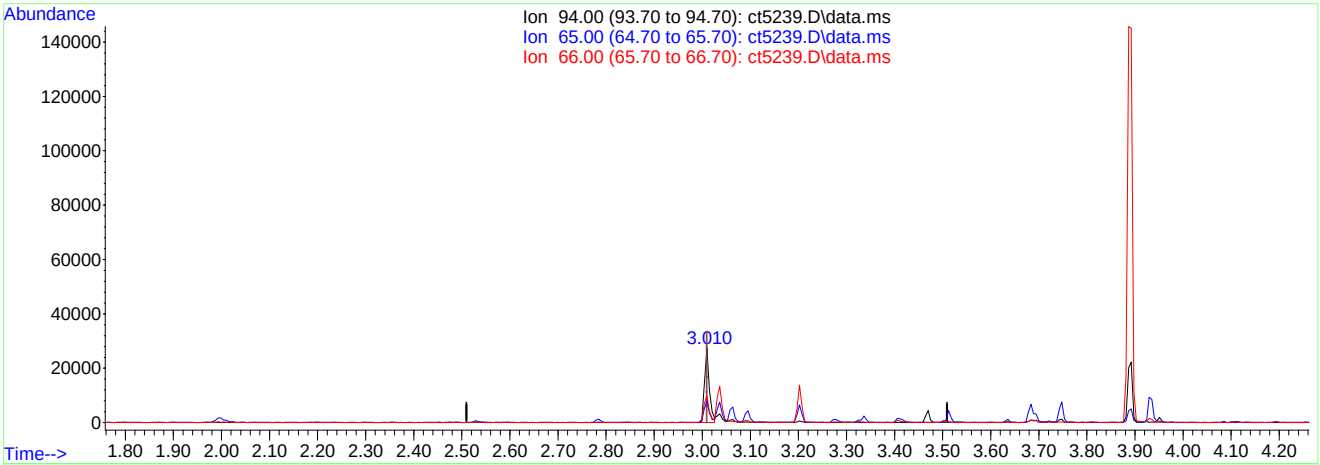
response 5881

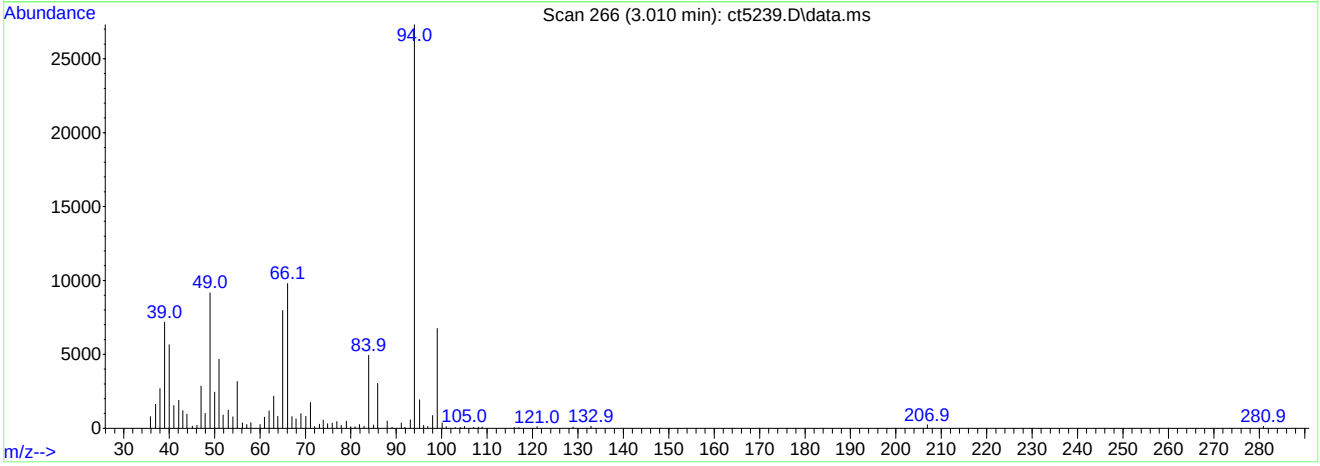
Ion	Exp%	Act%
88.00	100	100
58.00	91.70	58.18#
57.00	31.20	24.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5239.D
Acq On : 15 Feb 2024 12:29 pm
Operator : jackleey
Sample : ic266-1
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 09:13:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration





TIC: ct5239.D\data.ms

(9) Phenol (t)

3.010min (-0.000) 0.89ppm m

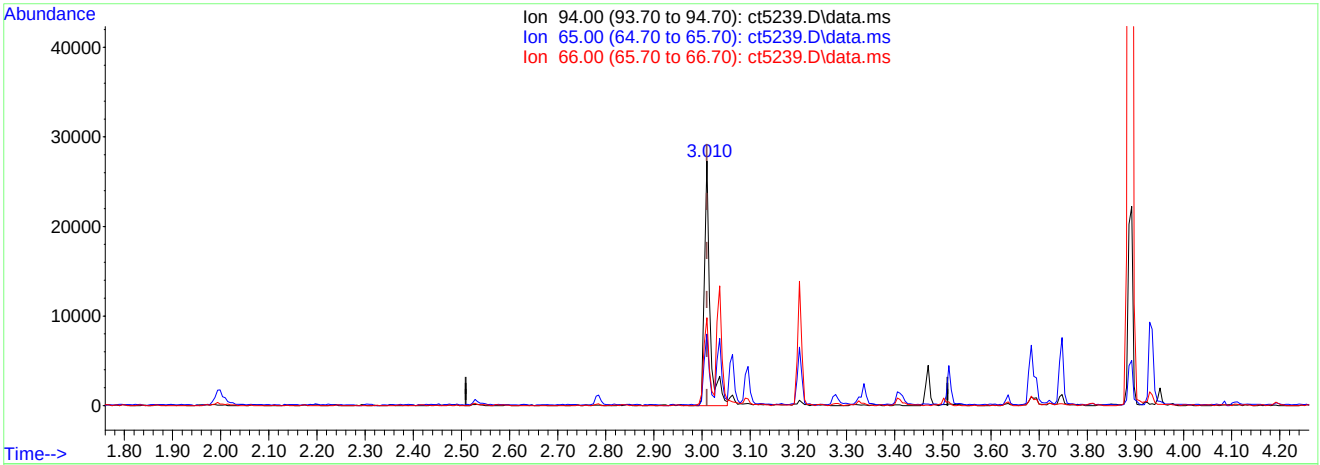
response 19140

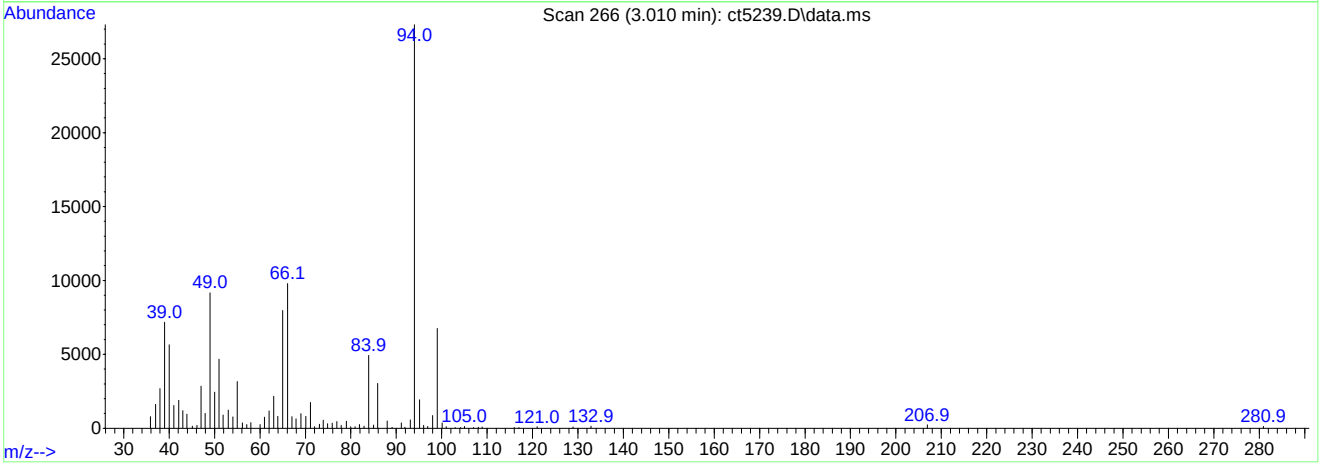
Ion	Exp%	Act%
94.00	100	100
65.00	29.70	29.18
66.00	38.20	35.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\MassHunter\GCMS\1\data\Ect264\
Data File : ct5239.D
Acq On : 15 Feb 2024 12:29 pm
Operator : jackleey
Sample : ic266-1
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 10:20:58 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration





TIC: ct5239.D\data.ms

(9) Phenol (t)

3.010min (-0.000) 1.03ppm

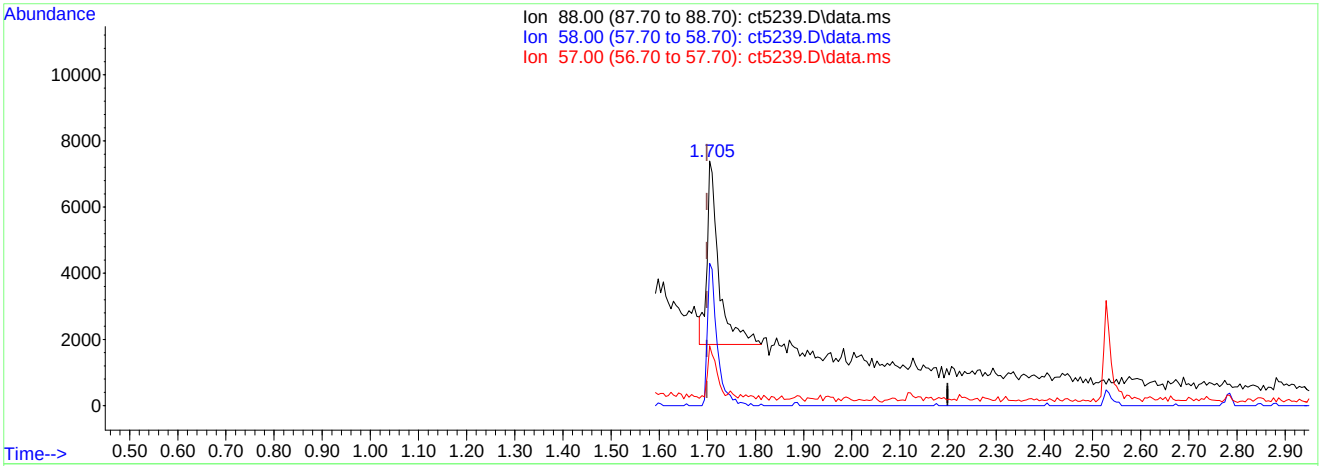
response 21739

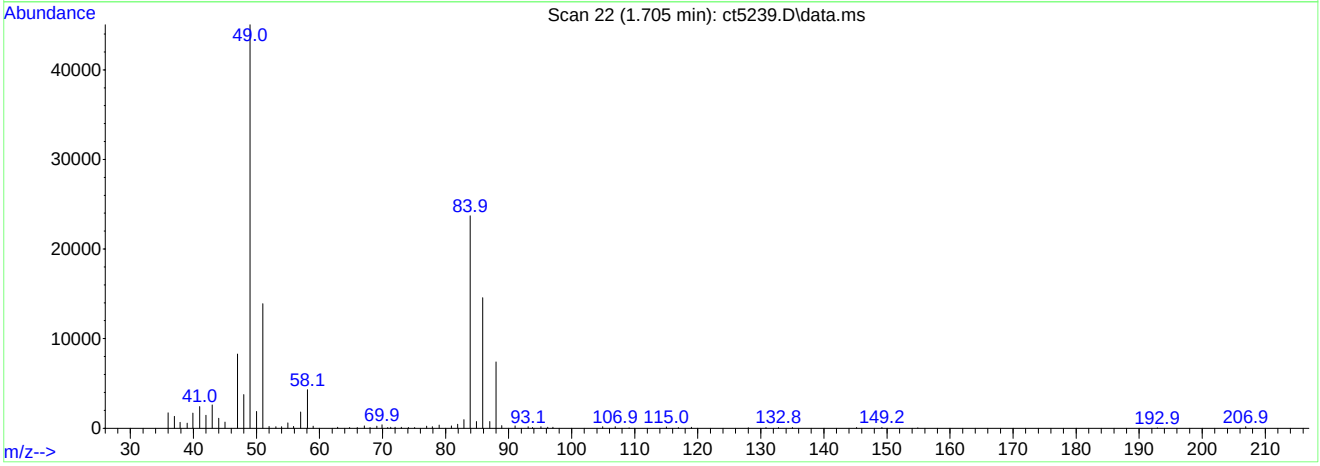
Ion	Exp%	Act%
94.00	100	100
65.00	29.70	28.03
66.00	38.20	34.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\MassHunter\GCMS\1\data\Ect264\
Data File : ct5239.D
Acq On : 15 Feb 2024 12:29 pm
Operator : jackleey
Sample : ic266-1
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 10:20:58 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration





TIC: ct5239.D\data.ms

(2) 1,4-Dioxane (t)

1.705min (+0.006) 1.30ppm

response 9537

Ion	Exp%	Act%
88.00	100	100
58.00	91.70	83.40
57.00	31.20	31.33
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya
02/16/24 11:39

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5240.D
Acq On : 15 Feb 2024 12:53 pm
Operator : jackleey
Sample : ic266-2
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 16 09:14:35 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	3.203	152	483233	40.00	ppm		0.00
24) Naphthalene-d8	3.893	136	1820646	40.00	ppm		0.00
46) Acenaphthene-d10	4.973	164	988073	40.00	ppm		0.00
69) Phenanthrene-d10	6.246	188	1764067	40.00	ppm		0.00
84) Chrysene-d12	9.198	240	1392977	40.00	ppm		0.00
93) Perylene-d12	10.798	264	1388094	40.00	ppm		0.00
103) 1,4-Dichlorobenzene-d4a	3.203	152	483233	40.00	ppm		0.00
105) Phenanthrene-d10a	6.246	188	1764067	40.00	ppm		0.00
107) Naphthalene-d8a	3.893	136	1820646	40.00	ppm		0.00
109) Phenanthrene-d10b	6.246	188	1764067	40.00	ppm		0.00
112) Chrysene-d12a	9.198	240	1392977	40.00	ppm		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	2.529	112	32283	1.75	ppm		0.00
Spiked Amount 50.000			Recovery = 3.50%				
8) Phenol-d5	2.999	99	41526	1.98	ppm		0.00
Spiked Amount 50.000			Recovery = 3.96%				
25) Nitrobenzene-d5	3.502	82	38234	1.98	ppm		0.00
Spiked Amount 50.000			Recovery = 3.96%				
51) 2-Fluorobiphenyl	4.508	172	72458	2.29	ppm		0.00
Spiked Amount 50.000			Recovery = 4.58%				
74) 2,4,6-Tribromophenol	5.599	330	10160	2.22	ppm		0.00
Spiked Amount 50.000			Recovery = 4.44%				
87) Terphenyl-d14	7.979	244	72985	1.75	ppm		0.00
Spiked Amount 50.000			Recovery = 3.50%				
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm		
Spiked Amount 50.000			Recovery = 0.00%				
111) o-terphenyl	0.000	230	0	0.00	ppm		
Spiked Amount 50.000			Recovery = 0.00%				
Target Compounds							Qvalue
2) 1,4-Dioxane	1.705	88	13848m	1.71	ppm		
3) Pyridine	1.892	79	38370	1.71	ppm		98
4) N-Nitrosodimethylamine	1.871	74	19507	1.71	ppm		100
6) Indene	3.336	116	62436	2.35	ppm		97
7) Cumene	2.785	105	72206	2.00	ppm		97
9) Phenol	3.010	94	43767	1.99	ppm		95
10) Aniline	3.037	93	55203	1.87	ppm		98
11) bis(2-Chloroethyl)ether	3.058	93	38359	2.21	ppm		94
12) 2-Chlorophenol	3.096	128	35985	2.17	ppm		93
13) Decane	3.090	43	53667	2.47	ppm		95
14) 1,3-Dichlorobenzene	3.170	146	39318	2.05	ppm		97
15) 1,4-Dichlorobenzene	3.213	146	38872	2.06	ppm		97
16) Benzyl alcohol	3.277	108	23014	1.85	ppm		96
17) 1,2-Dichlorobenzene	3.293	146	38461	2.11	ppm		98
18) Acetophenone	3.417	105	53385	2.40	ppm		96
19) 2-Methylphenol	3.326	108	33965	2.14	ppm		98
20) 2,2'-oxybis(1-Chloropr...	3.336	121	10979	2.44	ppm	#	86
21) 3&4-Methylphenol	3.406	108	69977	5.05	ppm		94
22) n-Nitroso-di-n-propyla...	3.411	70	24887	2.36	ppm		95
23) Hexachloroethane	3.470	201	11859	1.92	ppm		99
26) Nitrobenzene	3.513	77	38845	2.02	ppm		96
27) Quinoline	4.090	129	70425	2.04	ppm		99
28) Isophorone	3.636	82	69046	2.03	ppm		99
29) 2-Nitrophenol	3.684	139	16949	1.97	ppm		91
30) 2,4-Dimethylphenol	3.695	107	37592	2.10	ppm		95

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5240.D
Acq On : 15 Feb 2024 12:53 pm
Operator : jackleey
Sample : ic266-2
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 16 09:14:35 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Benzoic acid	3.721	105	19075	1.18	ppm	94
32) bis(2-Chloroethoxy)met...	3.748	93	45317	2.17	ppm	99
33) 2,4-Dichlorophenol	3.812	162	27381	1.94	ppm	97
34) 2,6-Dichlorophenol	3.935	162	28543	2.31	ppm	97
35) 1,3,5-Trichlorobenzene	3.679	180	30800	2.19	ppm	98
36) 1,2,4-Trichlorobenzene	3.855	180	29541	2.08	ppm	98
37) 1,2,3-Trichlorobenzene	3.978	180	29151	2.11	ppm	98
38) Naphthalene	3.903	128	106051	2.28	ppm	98
39) 4-Chloroaniline	3.935	127	44827	2.31	ppm	98
40) 2,3-Dichloroaniline	4.465	161	33279	2.18	ppm	98
41) Hydroquinone	4.106	110	34091	1.89	ppm	100
42) Hexachlorobutadiene	3.951	225	15324	2.07	ppm	97
43) 4-Chloro-3-methylphenol	4.192	107	30453	1.95	ppm	99
44) 2-Methylnaphthalene	4.288	141	60195	2.20	ppm	98
45) 1-Methylnaphthalene	4.353	141	62070	2.17	ppm	96
47) Hexachlorocyclopentadiene	4.369	237	17363	2.51	ppm	97
48) 1,2,4,5-tetrachloroben...	4.385	216	28165	2.27	ppm	99
49) 2,4,6-Trichlorophenol	4.460	196	17817	2.13	ppm	98
50) 2,4,5-Trichlorophenol	4.486	196	19954	2.00	ppm	97
52) 2-Chloronaphthalene	4.593	162	62827	2.23	ppm	99
53) Biphenyl	4.577	154	82672	2.31	ppm	97
54) 2-Nitroaniline	4.668	65	22146	1.97	ppm	95
55) Dimethylphthalate	4.770	163	72175	2.15	ppm	99
56) Acenaphthylene	4.877	152	96208	2.14	ppm	98
57) 2,6-Dinitrotoluene	4.829	165	12840	1.63	ppm	96
58) 3-Nitroaniline	4.952	138	19242	1.93	ppm	100
59) Acenaphthene	4.994	153	67053	2.30	ppm	99
60) 2,4-Dinitrophenol	5.032	184	7918	1.69	ppm	83
61) 4-Nitrophenol	5.075	109	8047	1.48	ppm	94
62) Dibenzofuran	5.128	168	89960	2.39	ppm	95
63) 2,4-Dinitrotoluene	5.123	165	19049	1.99	ppm	96
64) 2,3,4,6-Tetrachlorophenol	5.219	232	14239	1.86	ppm	95
65) Diethylphthalate	5.294	149	72881	2.09	ppm	98
66) Fluorene	5.396	166	70408	2.36	ppm	99
67) 4-Chlorophenyl-phenyle...	5.390	204	31280	2.42	ppm	97
68) 4-Nitroaniline	5.428	138	15705	1.60	ppm	94
70) 4,6-Dinitro-2-methylph...	5.444	198	6397	1.06	ppm	81
71) n-Nitrosodiphenylamine	5.492	169	64133	2.28	ppm	99
72) 1,2-Diphenylhydrazine	5.524	77	76705	2.07	ppm	95
73) pentachloronitrobenzene	6.059	295	2723	1.89	ppm	92
75) 4-Bromophenyl-phenylether	5.818	248	16845	2.06	ppm	96
76) Hexachlorobenzene	5.861	284	19375	2.12	ppm	93
77) Pentachlorophenol	6.053	266	16714	3.26	ppm	98
78) Phenanthrene	6.267	178	104235	2.25	ppm	97
79) Anthracene	6.316	178	103585	2.16	ppm	99
80) Carbazole	6.492	167	97673	2.06	ppm	98
81) Di-n-butylphthalate	6.856	149	110439	1.84	ppm	99
82) Fluoranthene	7.524	202	102409	2.08	ppm	97
83) Octadecane	6.118	57	65337	2.07	ppm	99
85) benzidine	7.712	184	54959	1.36	ppm	99
86) Pyrene	7.776	202	110440	1.83	ppm	99
88) Butylbenzylphthalate	8.578	149	42167	1.33	ppm	89
89) Benzo[a]anthracene	9.182	228	91636	1.94	ppm	98
90) 3,3'-Dichlorobenzidine	9.188	252	32059	1.89	ppm	98
91) Chrysene	9.225	228	95379	1.95	ppm	100
92) bis(2-Ethylhexyl)phtha...	9.273	149	61286	1.41	ppm	97
94) Di-n-octylphthalate	10.033	149	95182	1.43	ppm	99

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5240.D
Acq On : 15 Feb 2024 12:53 pm
Operator : jackleey
Sample : ic266-2
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 16 09:14:35 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

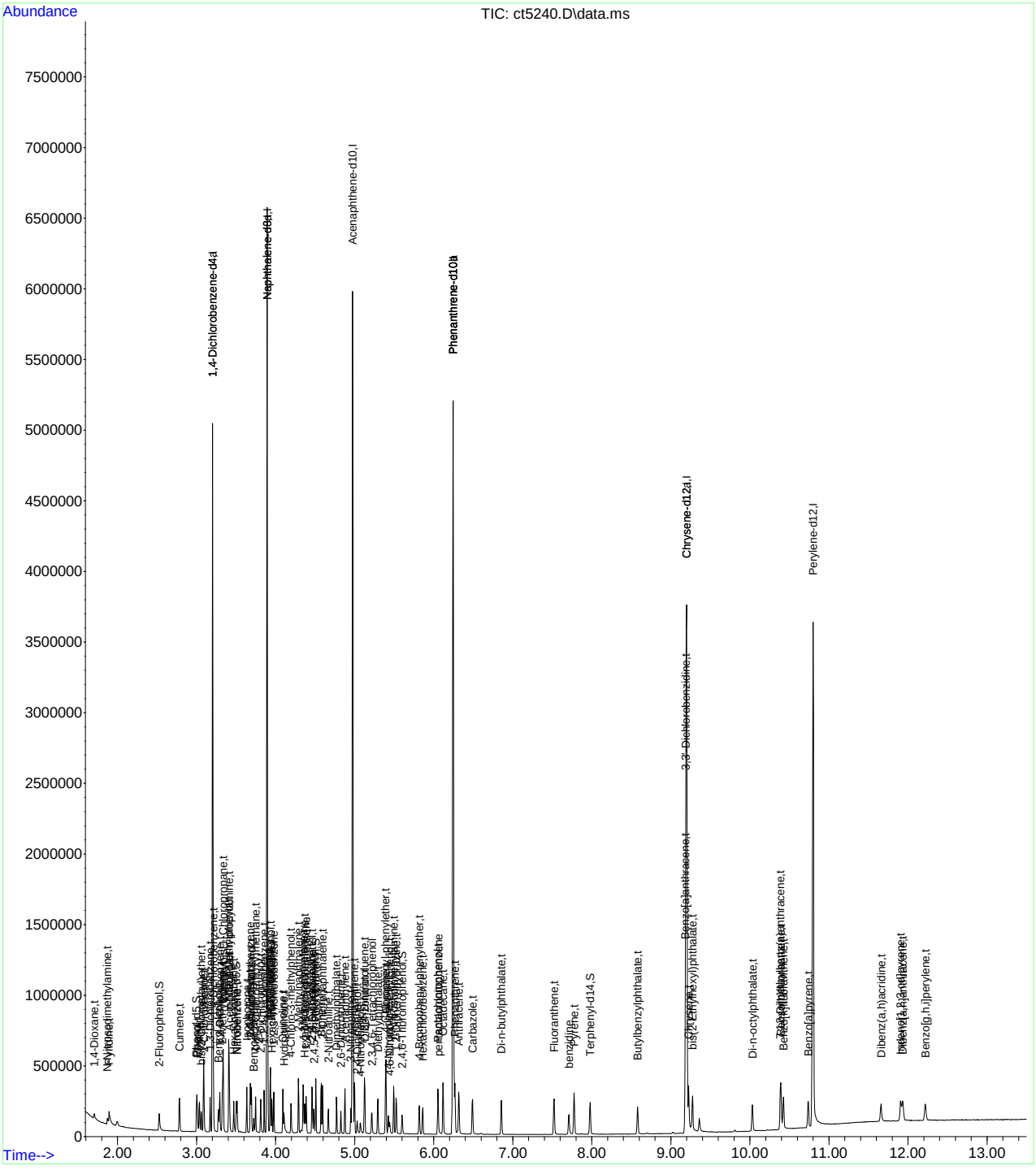
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.391	252	86997	2.10	ppm	98
96) Benzo[k]fluoranthene	10.423	252	86221	2.07	ppm	98
97) Benzo[a]pyrene	10.739	252	72833	1.85	ppm	99
98) Indeno[1,2,3-cd]pyrene	11.905	276	85072	1.74	ppm	97
99) Dibenz(a,h)acridine	11.659	279	56340	1.64	ppm	100
100) Dibenz[a,h]anthracene	11.932	278	67107	1.70	ppm	95
101) 7,12-Dimethylbenz(a)an...	10.386	256	36945	2.08	ppm	97
102) Benzo[g,h,i]perylene	12.220	276	65365	1.70	ppm	98

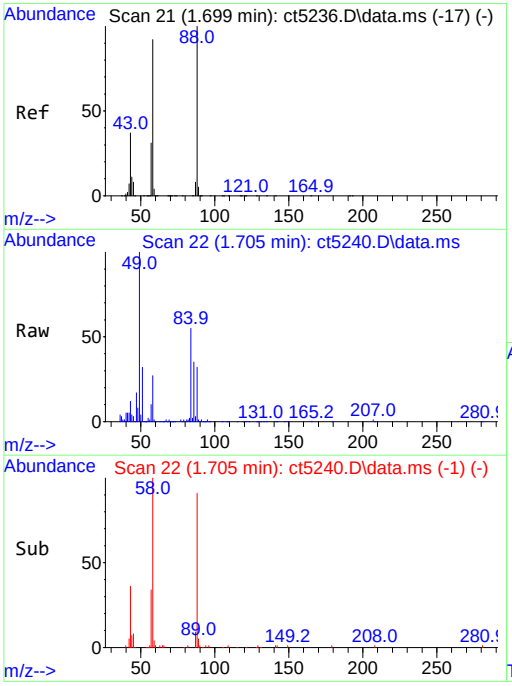
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5240.D
Acq On : 15 Feb 2024 12:53 pm
Operator : jackleey
Sample : ic266-2
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 16 09:14:35 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

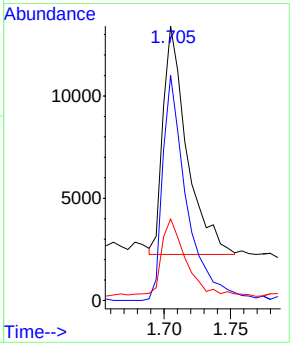


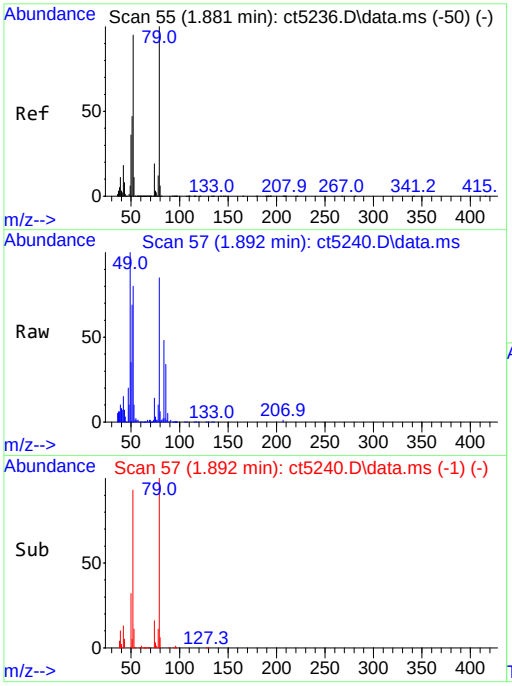


#2
1,4-Dioxane
Concen: 1.71 ppm m
RT: 1.705 min Scan# 22
Delta R.T. 0.006 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 88 Resp: 13848

Ion	Ratio	Lower	Upper
88	100		
58	82.1	61.7	121.7
57	29.8	1.2	61.2

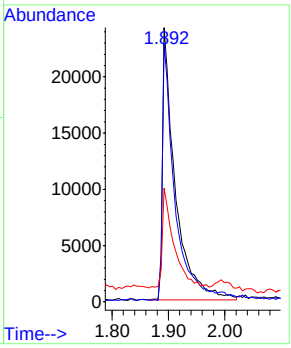


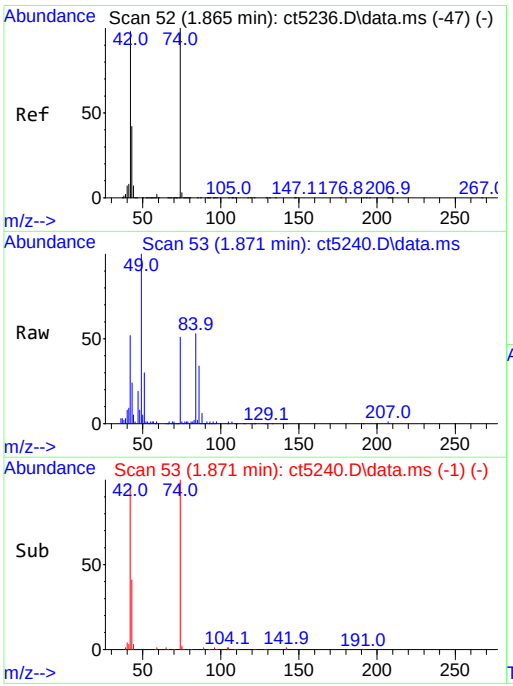


#3
Pyridine
Concen: 1.71 ppm
RT: 1.892 min Scan# 57
Delta R.T. 0.011 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 79 Resp: 38370

Ion	Ratio	Lower	Upper
79	100		
52	93.9	65.5	125.5
50	36.8	5.9	65.9

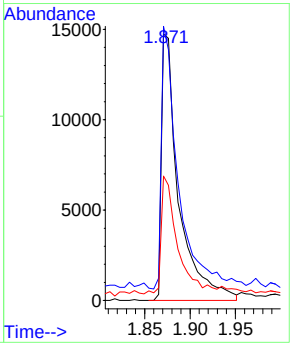


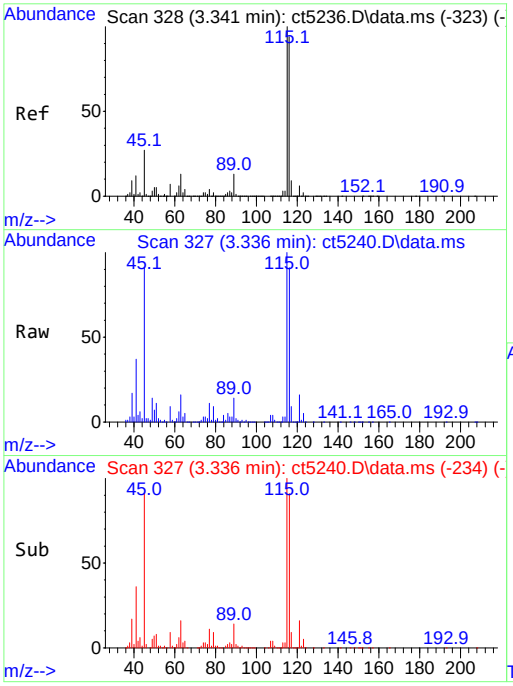


#4
N-Nitrosodimethylamine
Concen: 1.71 ppm
RT: 1.871 min Scan# 53
Delta R.T. 0.006 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 74 Resp: 19507

Ion	Ratio	Lower	Upper
74	100		
42	98.0	68.1	128.1
43	43.2	12.5	72.5

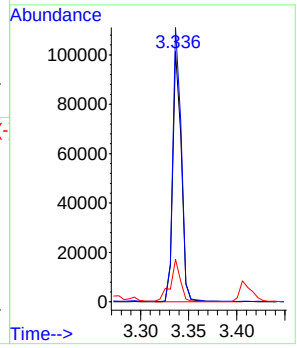


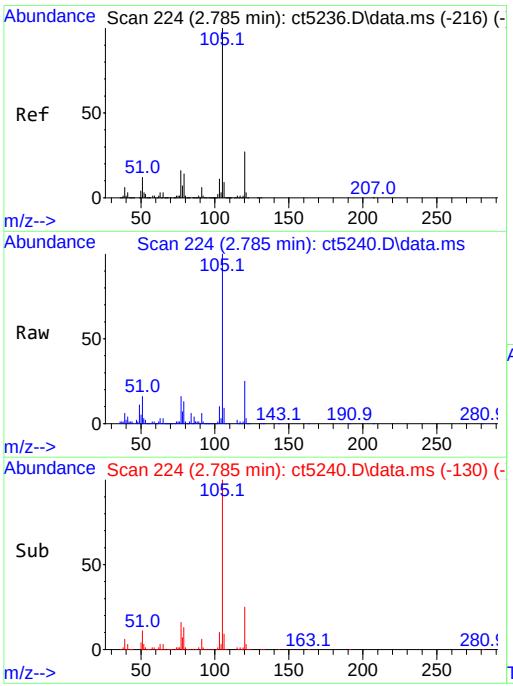


#6
Indene
Concen: 2.35 ppm
RT: 3.336 min Scan# 327
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:116 Resp: 62436

Ion	Ratio	Lower	Upper
116	100		
115	109.4	76.2	136.2
63	12.7	0.0	44.0

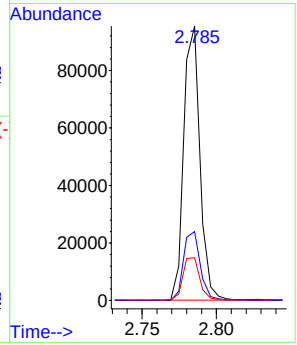


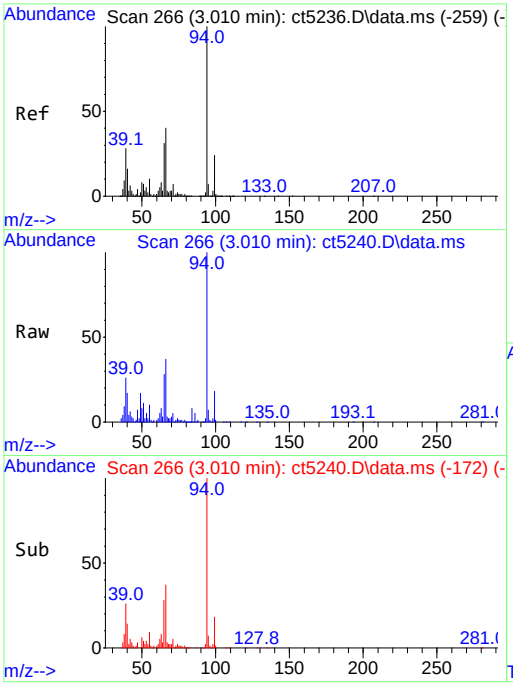


#7
Cumene
Concen: 2.00 ppm
RT: 2.785 min Scan# 224
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:105 Resp: 72206

Ion	Ratio	Lower	Upper
105	100		
120	25.2	0.0	57.0
77	15.5	0.0	45.8

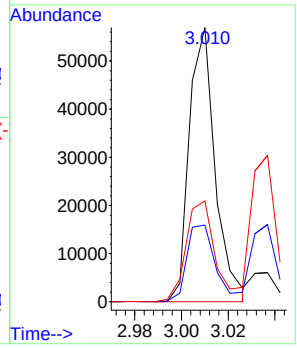


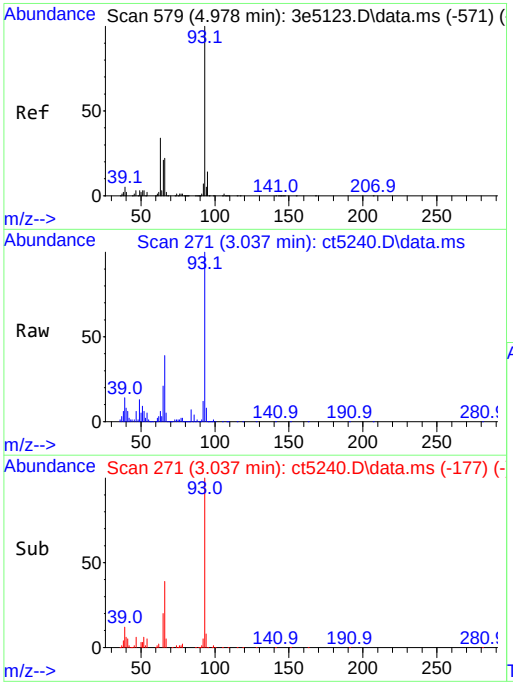


#9
Phenol
Concen: 1.99 ppm
RT: 3.010 min Scan# 266
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 94 Resp: 43767

Ion	Ratio	Lower	Upper
94	100		
65	26.9	0.0	59.7
66	35.1	8.2	68.2

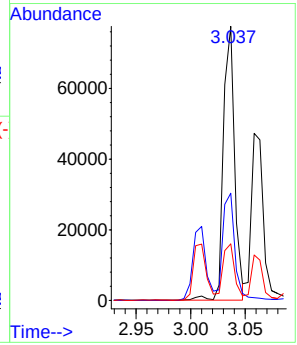


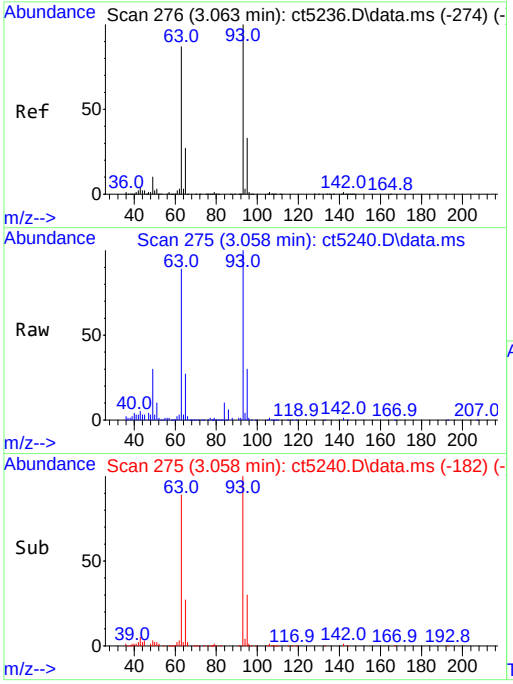


#10
Aniline
Concen: 1.87 ppm
RT: 3.037 min Scan# 271
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 93 Resp: 55203

Ion	Ratio	Lower	Upper
93	100		
66	39.1	10.4	70.4
65	20.4	0.0	50.8

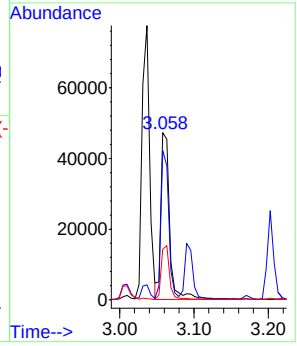


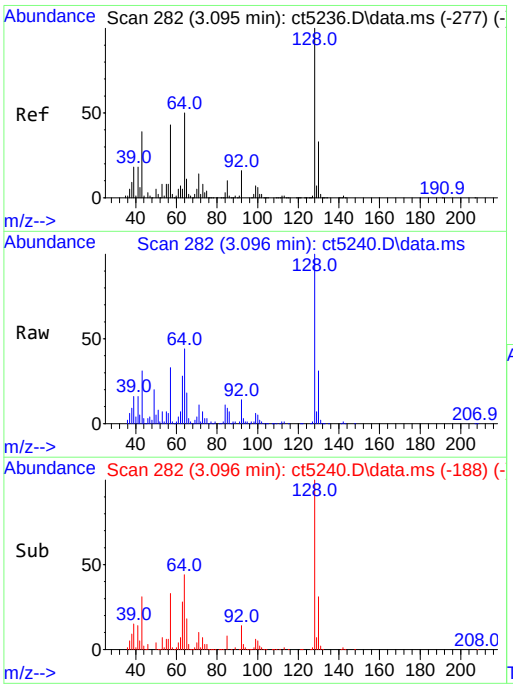


#11
bis(2-Chloroethyl)ether
Concen: 2.21 ppm
RT: 3.058 min Scan# 275
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 93 Resp: 38359

Ion	Ratio	Lower	Upper
93	100		
63	93.2	55.8	115.8
95	31.7	2.8	62.8

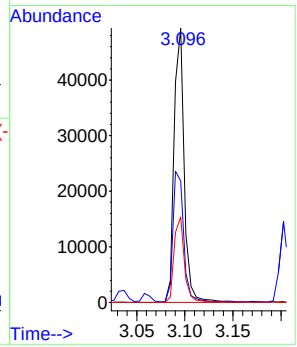


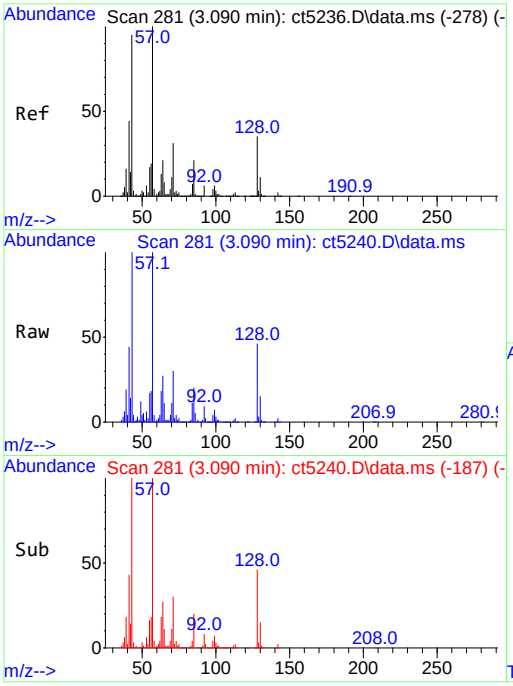


#12
2-Chlorophenol
Concen: 2.17 ppm
RT: 3.096 min Scan# 282
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:128 Resp: 35985

Ion	Ratio	Lower	Upper
128	100		
64	44.0	20.1	80.1
130	31.1	3.0	63.0

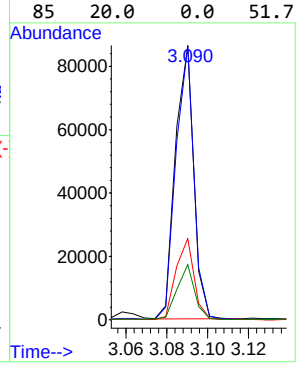


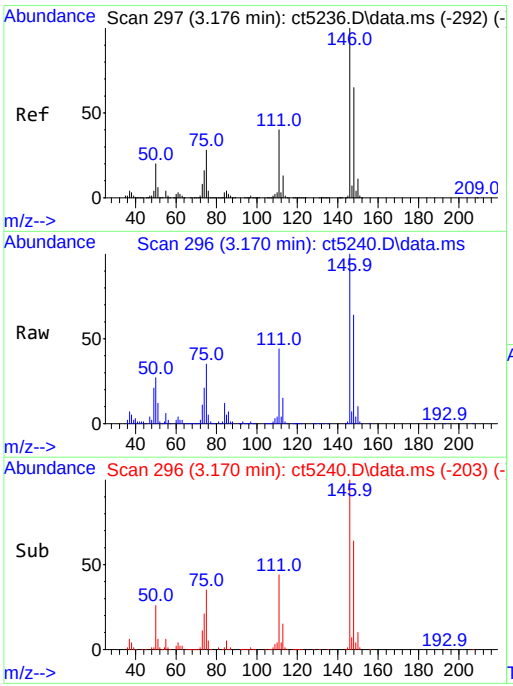


#13
Decane
Concen: 2.47 ppm
RT: 3.090 min Scan# 281
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 43 Resp: 53667

Ion	Ratio	Lower	Upper
43	100		
57	100.1	74.9	134.9
71	29.7	2.5	62.5
85	20.0	0.0	51.7

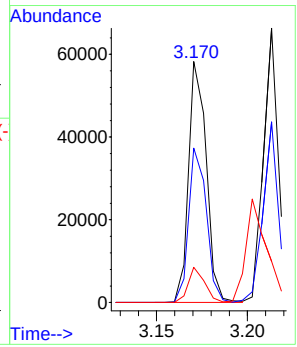


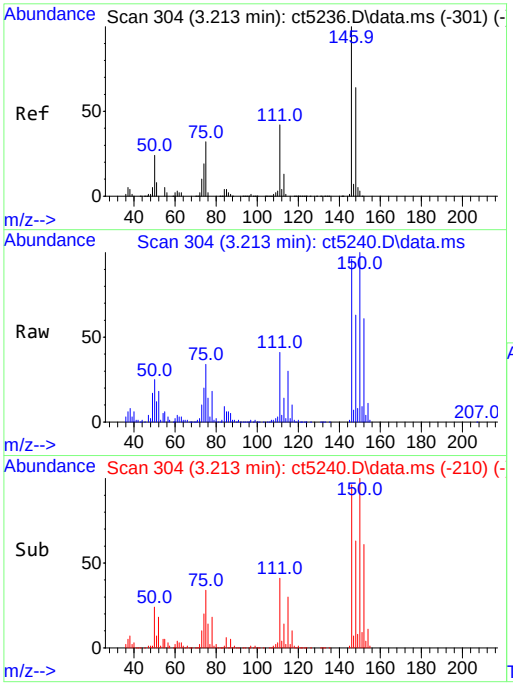


#14
1,3-Dichlorobenzene
Concen: 2.05 ppm
RT: 3.170 min Scan# 296
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:146 Resp: 39318

Ion	Ratio	Lower	Upper
146	100		
148	63.7	34.7	94.7
113	8.6	0.0	42.9

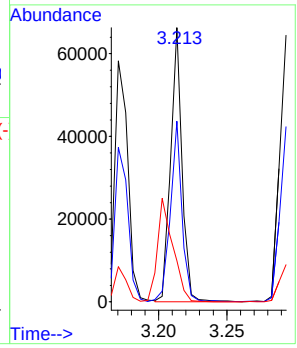


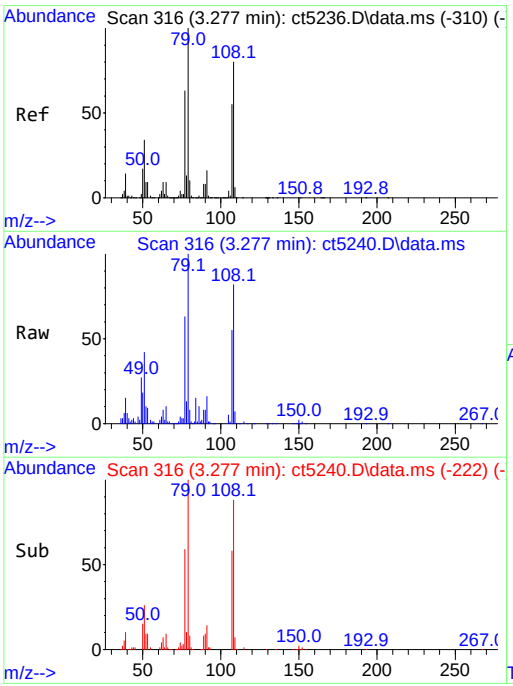


#15
1,4-Dichlorobenzene
Concen: 2.06 ppm
RT: 3.213 min Scan# 304
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:146 Resp: 38872

Ion	Ratio	Lower	Upper
146	100		
148	65.5	34.0	94.0
113	9.7	0.0	43.5

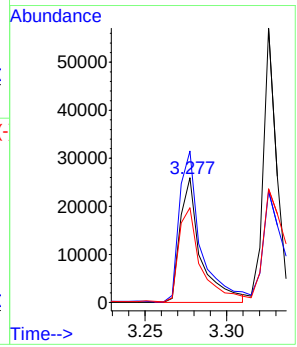


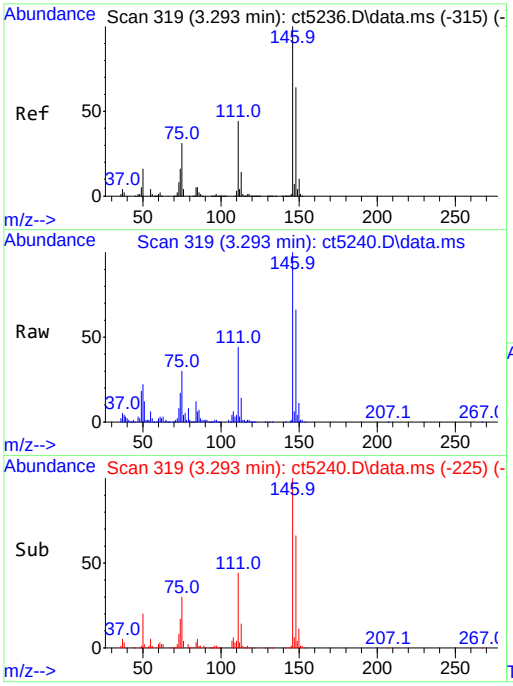


#16
Benzyl alcohol
Concen: 1.85 ppm
RT: 3.277 min Scan# 316
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:108 Resp: 23014

Ion	Ratio	Lower	Upper
108	100		
79	120.7	95.0	155.0
77	75.3	49.3	109.3

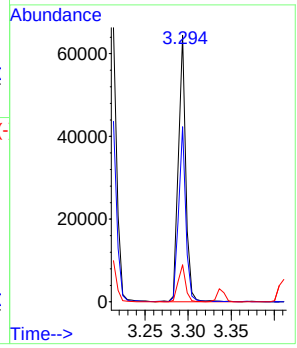


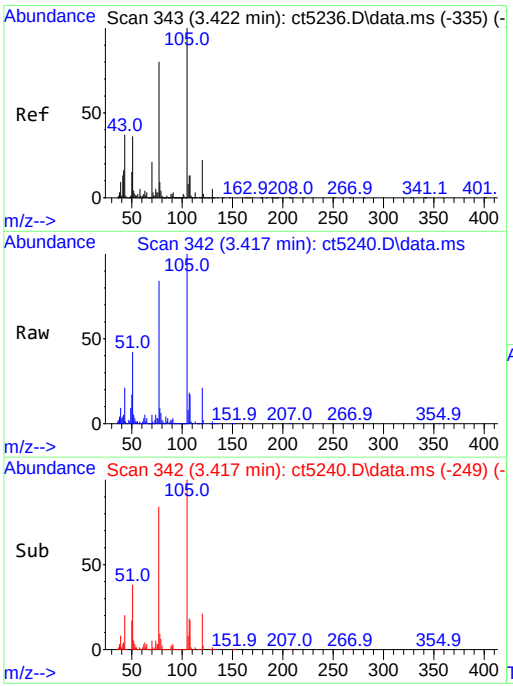


#17
1,2-Dichlorobenzene
Concen: 2.11 ppm
RT: 3.293 min Scan# 319
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:146 Resp: 38461

Ion	Ratio	Lower	Upper
146	100		
148	65.6	34.2	94.2
113	13.9	0.0	44.1

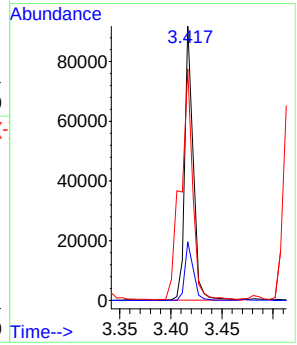


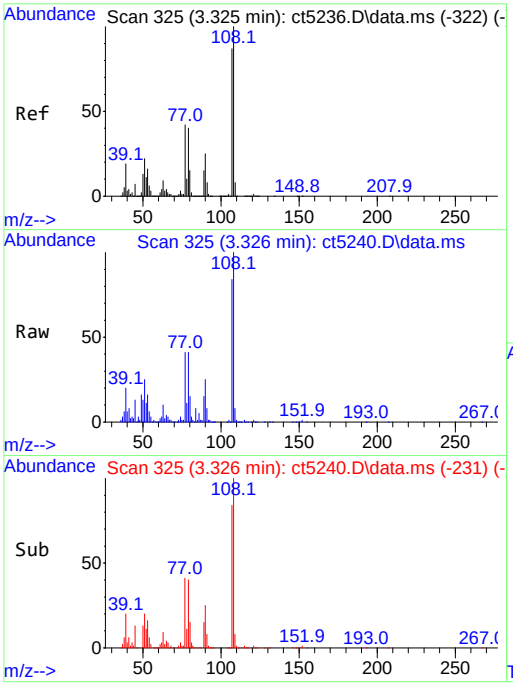


#18
Acetophenone
Concen: 2.40 ppm
RT: 3.417 min Scan# 342
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:105 Resp: 53385

Ion	Ratio	Lower	Upper
105	100		
120	21.3	0.0	51.5
77	84.2	49.8	109.8

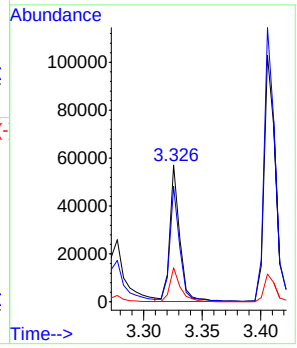


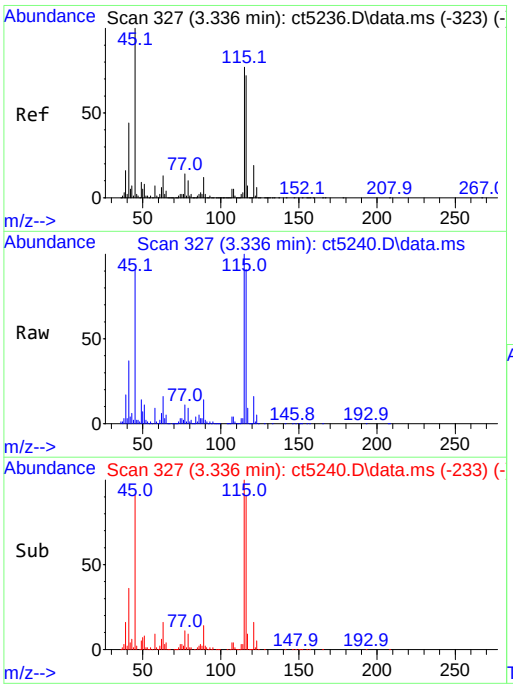


#19
2-Methylphenol
Concen: 2.14 ppm
RT: 3.326 min Scan# 325
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:108 Resp: 33965

Ion	Ratio	Lower	Upper
108	100		
107	84.6	57.1	117.1
90	25.1	0.0	54.8

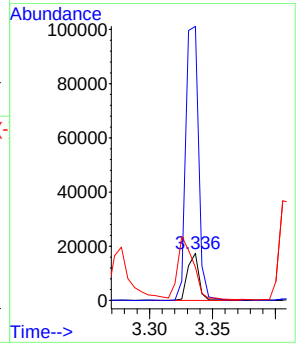


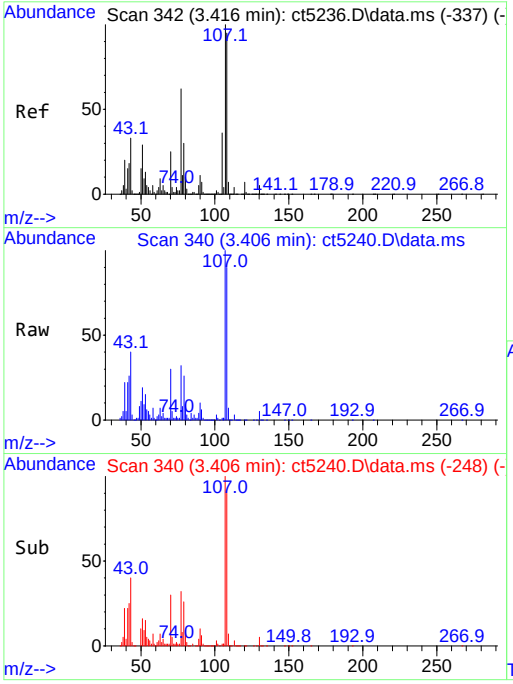


#20
2,2'-oxybis(1-Chloropropane
Concen: 2.44 ppm
RT: 3.336 min Scan# 327
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:121 Resp: 10979

Ion	Ratio	Lower	Upper
121	100		
45	580.3	508.3	568.3#
77	64.0	44.5	104.5

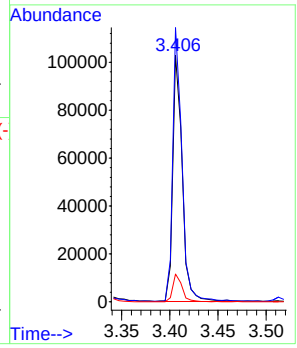


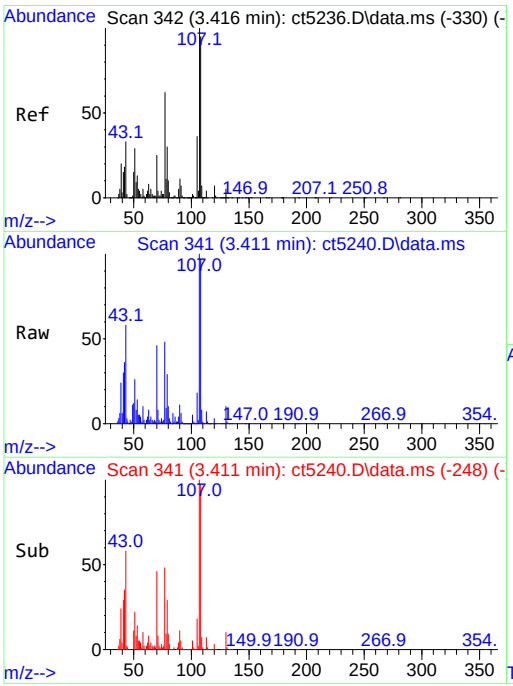


#21
3&4-Methylphenol
Concen: 5.05 ppm
RT: 3.406 min Scan# 340
Delta R.T. -0.010 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:108 Resp: 69977

Ion	Ratio	Lower	Upper
108	100		
107	111.3	74.9	134.9
90	11.3	0.0	41.4

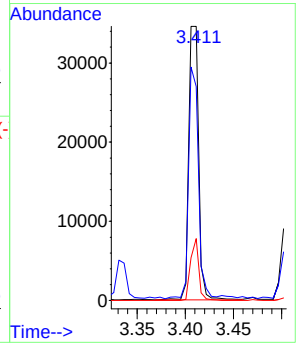


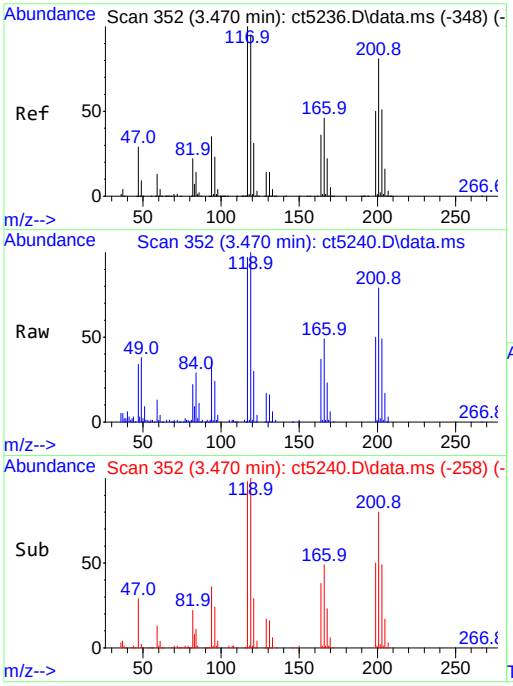


#22
n-Nitroso-di-n-propylamine
Concen: 2.36 ppm
RT: 3.411 min Scan# 341
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 70 Resp: 24887

Ion	Ratio	Lower	Upper
70	100		
42	77.0	42.3	102.3
130	22.6	0.0	50.5

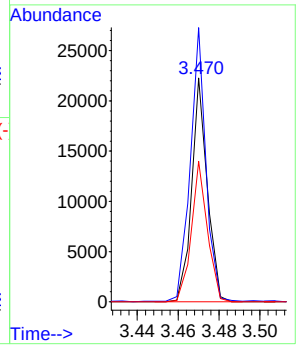


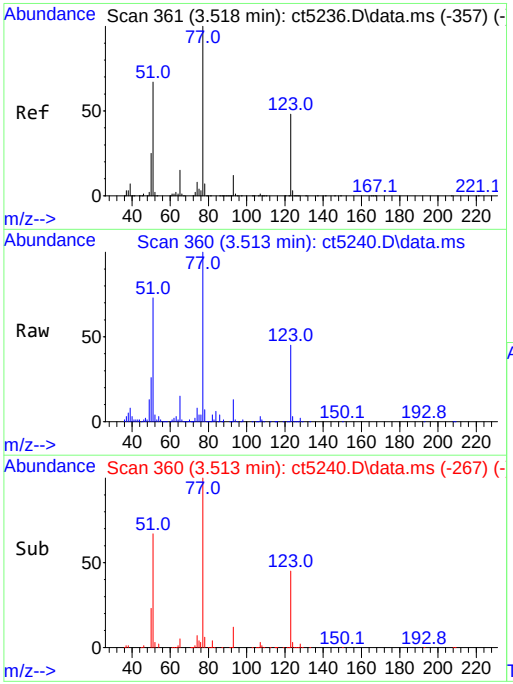


#23
Hexachloroethane
Concen: 1.92 ppm
RT: 3.470 min Scan# 352
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:201 Resp: 11859

Ion	Ratio	Lower	Upper
201	100		
117	122.2	93.9	153.9
199	62.7	32.2	92.2

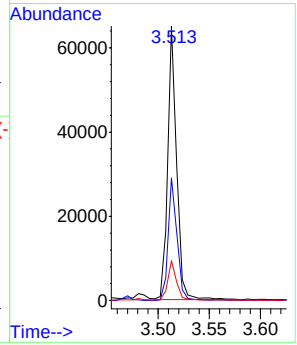


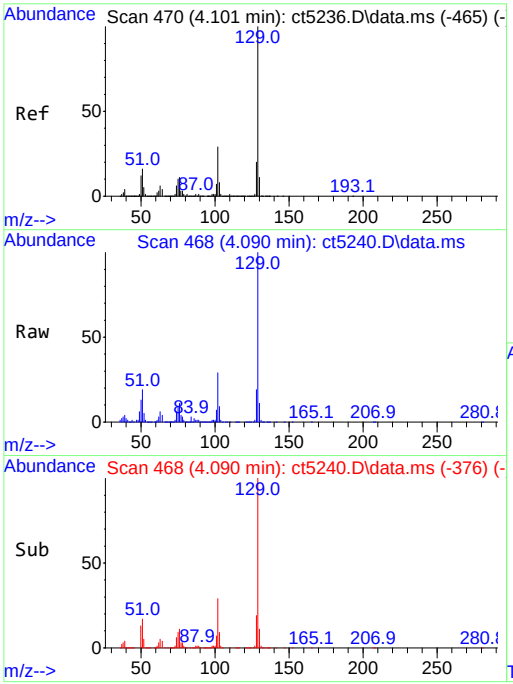


#26
Nitrobenzene
Concen: 2.02 ppm
RT: 3.513 min Scan# 360
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 77 Resp: 38845

Ion	Ratio	Lower	Upper
77	100		
123	44.9	18.0	78.0
65	14.4	0.0	44.7

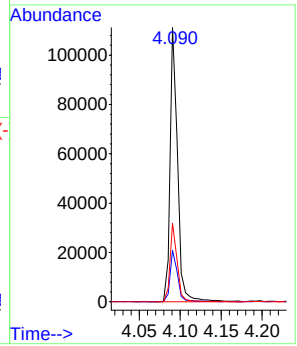


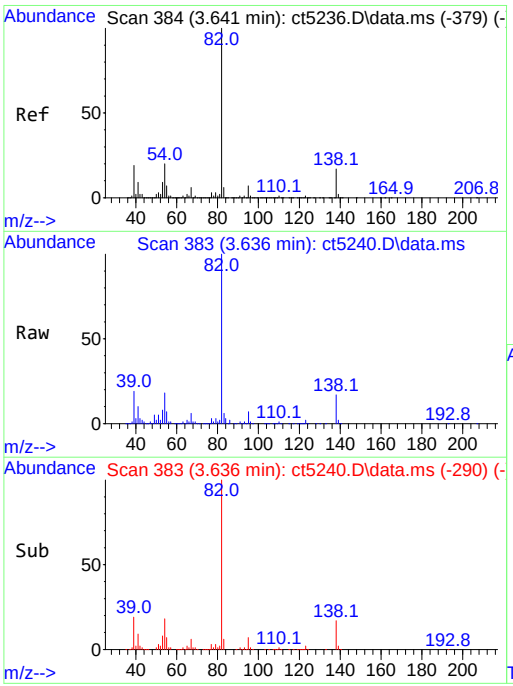


#27
Quinoline
Concen: 2.04 ppm
RT: 4.090 min Scan# 468
Delta R.T. -0.010 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:129 Resp: 70425

Ion	Ratio	Lower	Upper
129	100		
128	18.7	0.0	49.7
102	28.6	0.0	58.7

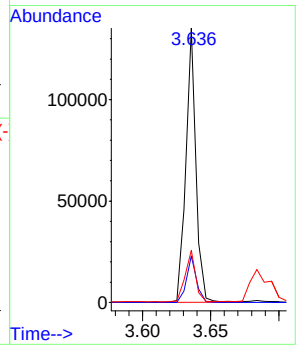


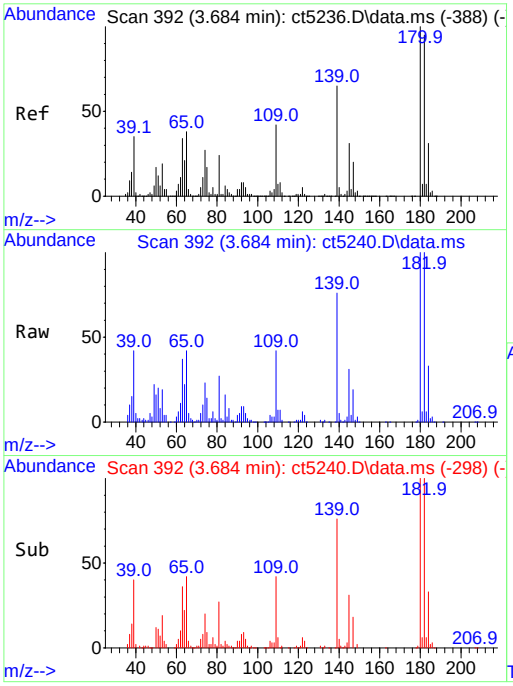


#28
Isophorone
Concen: 2.03 ppm
RT: 3.636 min Scan# 383
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 82 Resp: 69046

Ion	Ratio	Lower	Upper
82	100		
138	17.0	0.0	47.0
39	18.6	0.0	49.1

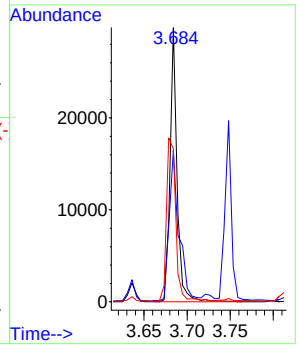


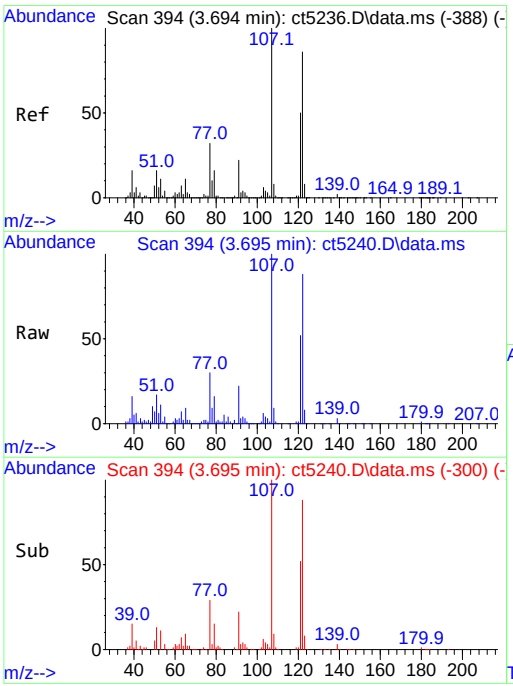


#29
2-Nitrophenol
Concen: 1.97 ppm
RT: 3.684 min Scan# 392
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:139 Resp: 16949

Ion	Ratio	Lower	Upper
139	100		
65	54.6	28.1	88.1
109	55.4	35.1	95.1

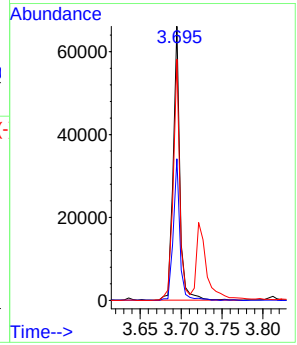


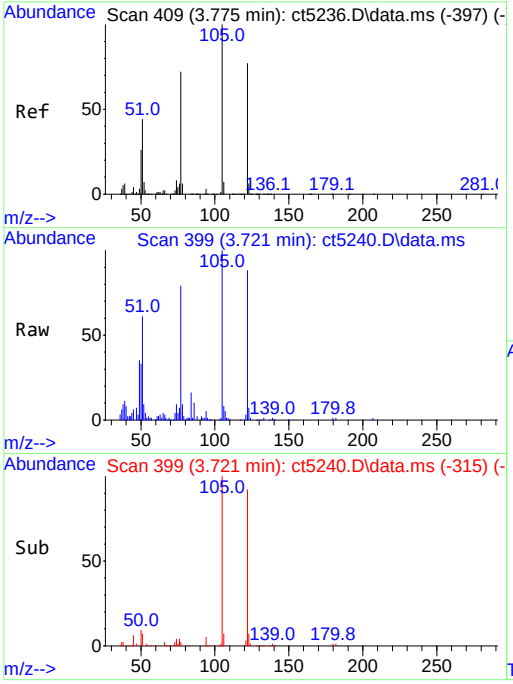


#30
2,4-Dimethylphenol
Concen: 2.10 ppm
RT: 3.695 min Scan# 394
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:107 Resp: 37592

Ion	Ratio	Lower	Upper
107	100		
121	51.6	19.9	79.9
122	87.6	51.6	111.6

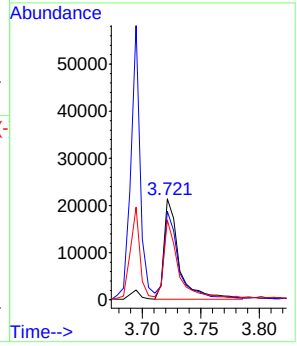


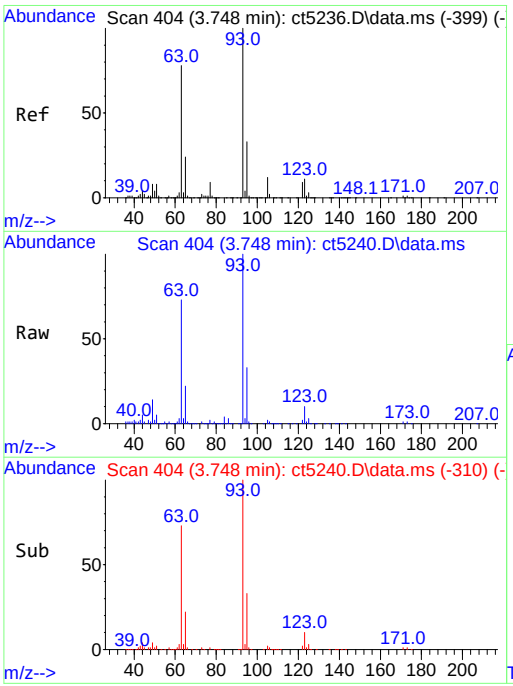


#31
Benzoic acid
Concen: 1.18 ppm
RT: 3.721 min Scan# 399
Delta R.T. -0.053 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:105 Resp: 19075

Ion	Ratio	Lower	Upper
105	100		
122	84.9	48.8	108.8
77	77.7	43.0	103.0

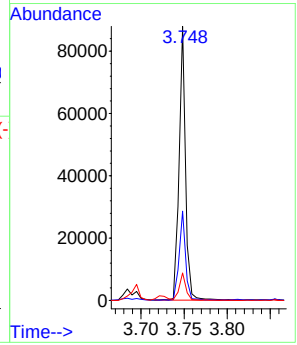


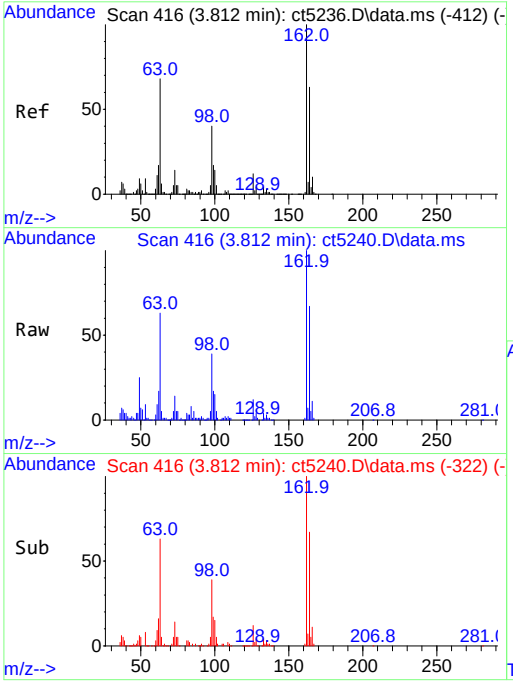


#32
bis(2-Chloroethoxy)methane
Concen: 2.17 ppm
RT: 3.748 min Scan# 404
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 93 Resp: 45317

Ion	Ratio	Lower	Upper
93	100		
95	32.4	2.7	62.7
123	9.7	0.0	40.7

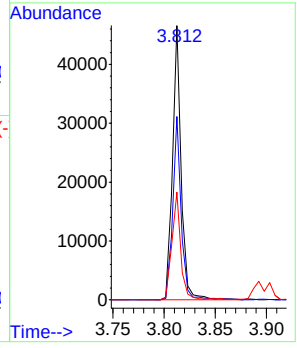


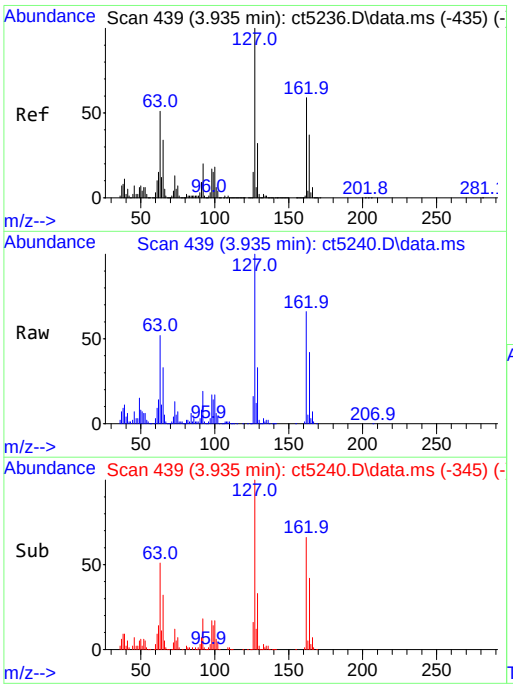


#33
2,4-Dichlorophenol
Concen: 1.94 ppm
RT: 3.812 min Scan# 416
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:162 Resp: 27381

Ion	Ratio	Lower	Upper
162	100		
164	66.8	33.4	93.4
98	39.1	10.2	70.2

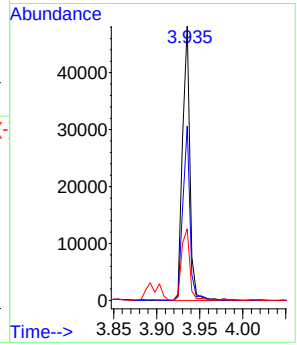


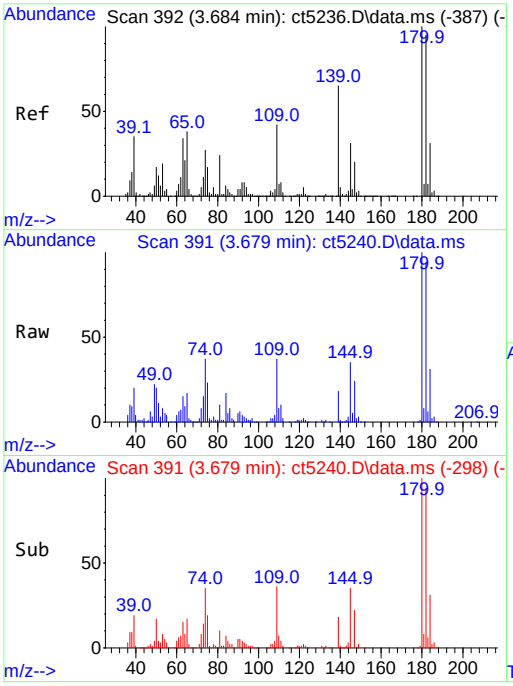


#34
2,6-Dichlorophenol
Concen: 2.31 ppm
RT: 3.935 min Scan# 439
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:162 Resp: 28543

Ion	Ratio	Lower	Upper
162	100		
164	63.4	33.8	93.8
98	24.6	0.0	58.3

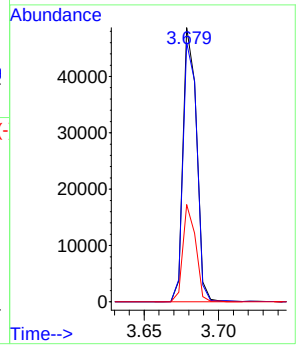


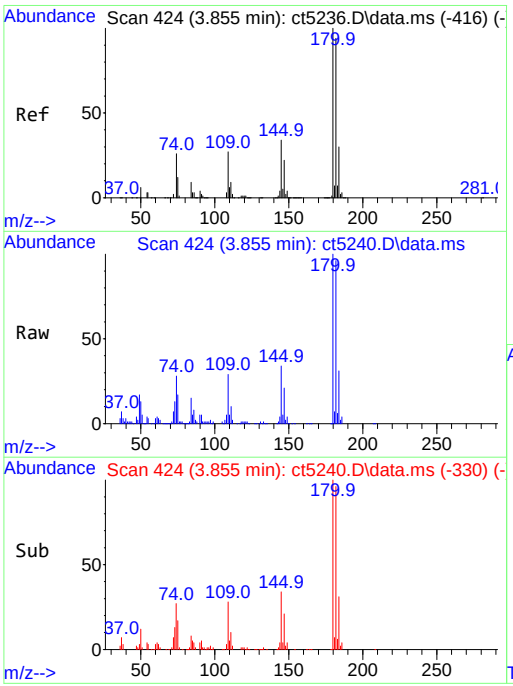


#35
1,3,5-Trichlorobenzene
Concen: 2.19 ppm
RT: 3.679 min Scan# 391
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:180 Resp: 30800

Ion	Ratio	Lower	Upper
180	100		
182	94.5	64.6	124.6
145	35.5	0.9	60.9

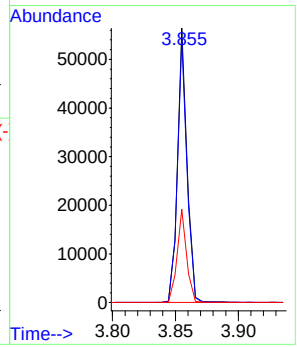


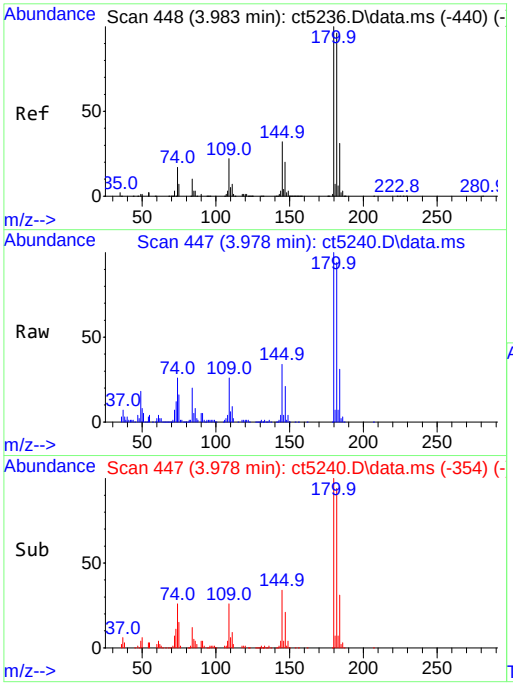


#36
1,2,4-Trichlorobenzene
Concen: 2.08 ppm
RT: 3.855 min Scan# 424
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:180 Resp: 29541

Ion	Ratio	Lower	Upper
180	100		
182	95.9	63.6	123.6
145	34.0	4.3	64.3

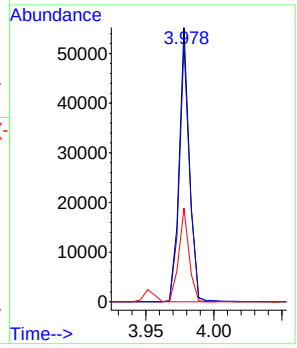


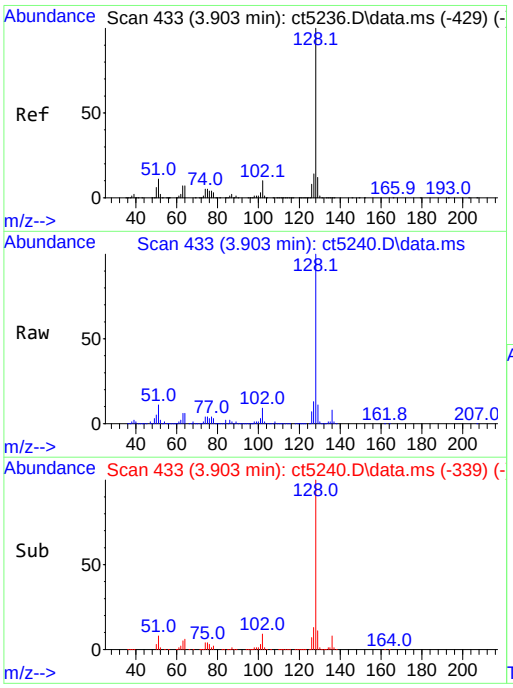


#37
1,2,3-Trichlorobenzene
Concen: 2.11 ppm
RT: 3.978 min Scan# 447
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:180 Resp: 29151

Ion	Ratio	Lower	Upper
180	100		
182	93.8	65.9	125.9
145	32.9	2.0	62.0

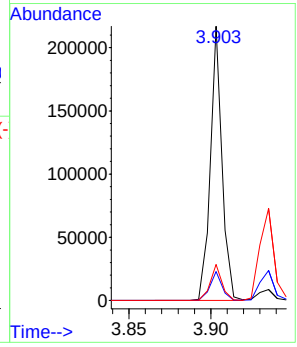


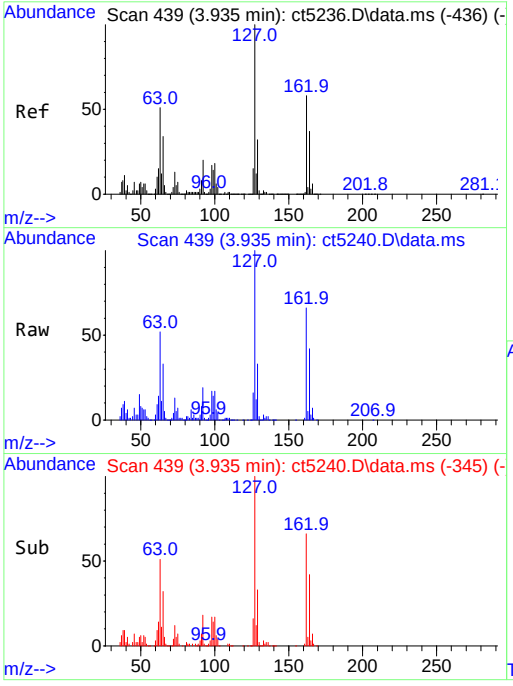


#38
Naphthalene
Concen: 2.28 ppm
RT: 3.903 min Scan# 433
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:128 Resp: 106051

Ion	Ratio	Lower	Upper
128	100		
129	10.5	0.0	41.7
127	13.1	0.0	43.6

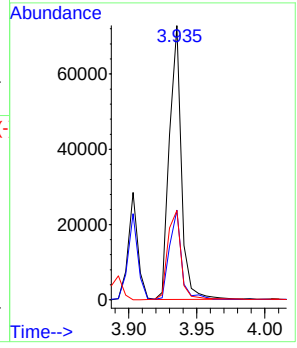


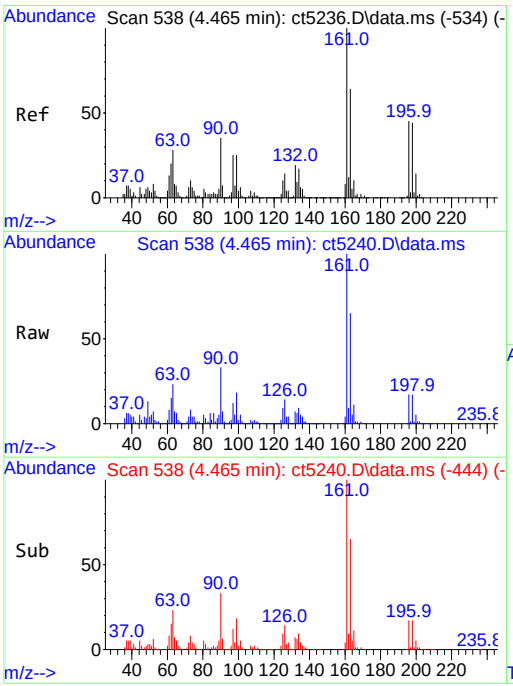


#39
4-Chloroaniline
Concen: 2.31 ppm
RT: 3.935 min Scan# 439
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:127 Resp: 44827

Ion	Ratio	Lower	Upper
127	100		
129	32.6	2.2	62.2
65	32.5	4.0	64.0

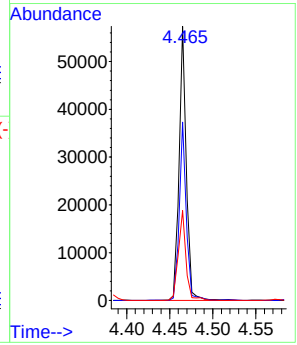


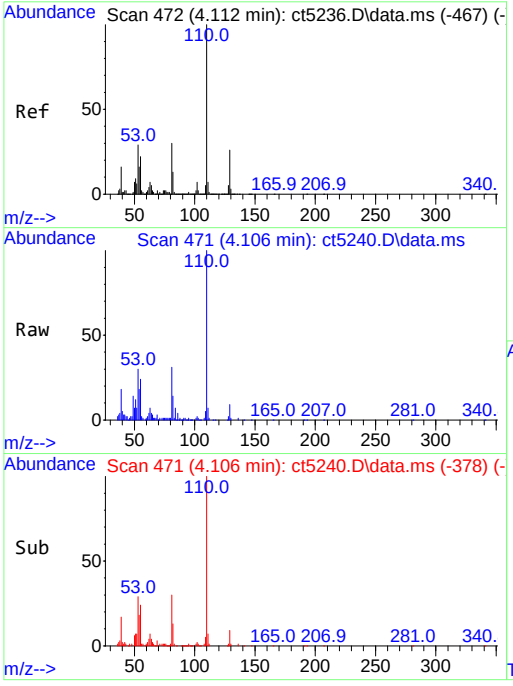


#40
2,3-Dichloroaniline
Concen: 2.18 ppm
RT: 4.465 min Scan# 538
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:161 Resp: 33279

Ion	Ratio	Lower	Upper
161	100		
163	65.0	34.3	94.3
90	32.7	5.3	65.3

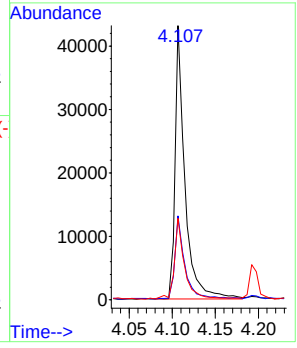


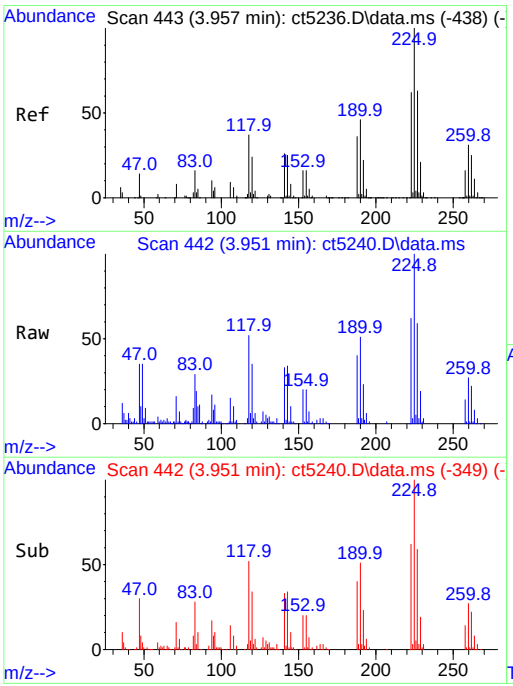


#41
Hydroquinone
Concen: 1.89 ppm
RT: 4.106 min Scan# 471
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:110 Resp: 34091

Ion	Ratio	Lower	Upper
110	100		
81	30.4	0.1	60.1
53	29.4	0.0	59.2

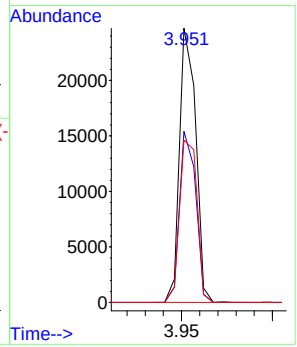


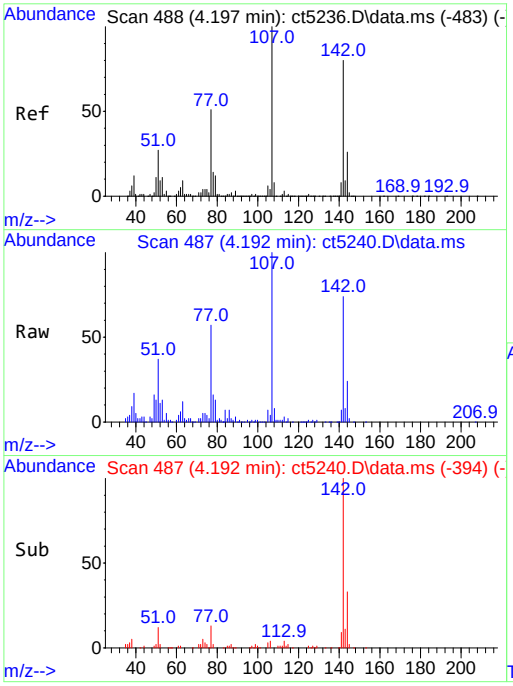


#42
Hexachlorobutadiene
Concen: 2.07 ppm
RT: 3.951 min Scan# 442
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:225 Resp: 15324

Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.1	92.1
227	59.2	33.3	93.3

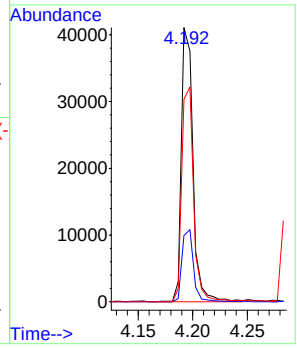


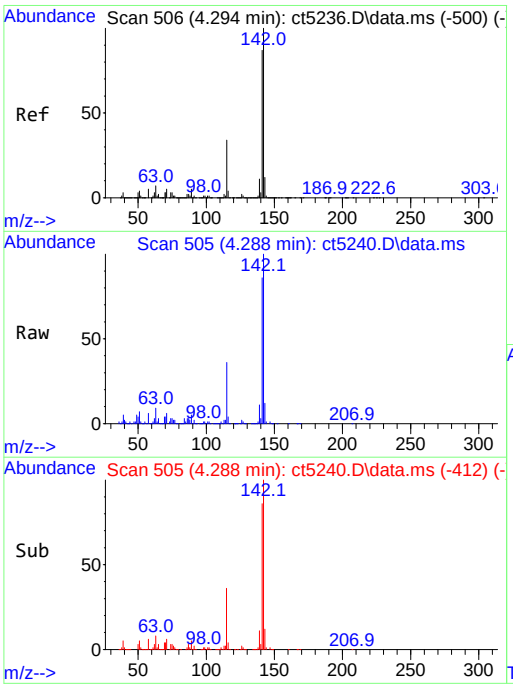


#43
4-Chloro-3-methylphenol
Concen: 1.95 ppm
RT: 4.192 min Scan# 487
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:107 Resp: 30453

Ion	Ratio	Lower	Upper
107	100		
144	24.2	0.0	55.9
142	73.8	43.8	103.8

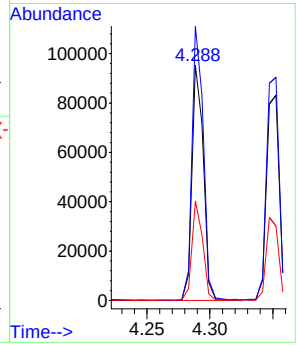


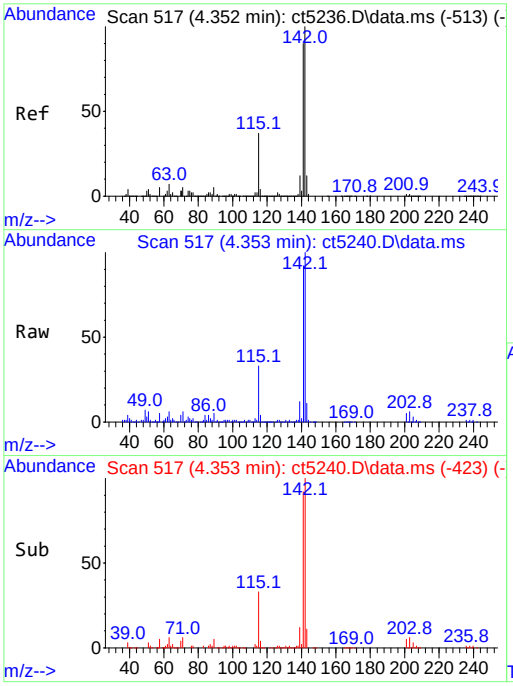


#44
2-Methylnaphthalene
Concen: 2.20 ppm
RT: 4.288 min Scan# 505
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:141 Resp: 60195

Ion	Ratio	Lower	Upper
141	100		
142	116.5	85.2	145.2
115	42.1	9.7	69.7

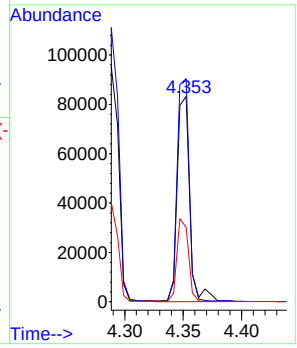


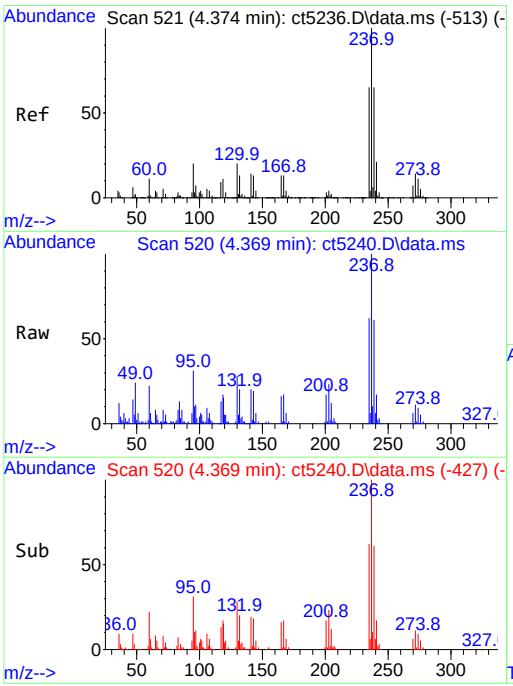


#45
1-Methylnaphthalene
Concen: 2.17 ppm
RT: 4.353 min Scan# 517
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:141 Resp: 62070

Ion	Ratio	Lower	Upper
141	100		
142	108.7	80.8	140.8
115	36.0	10.8	70.8

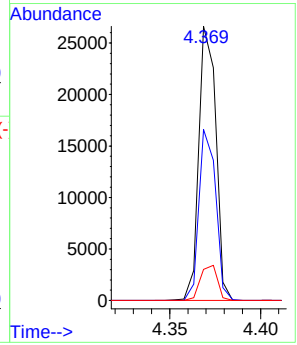


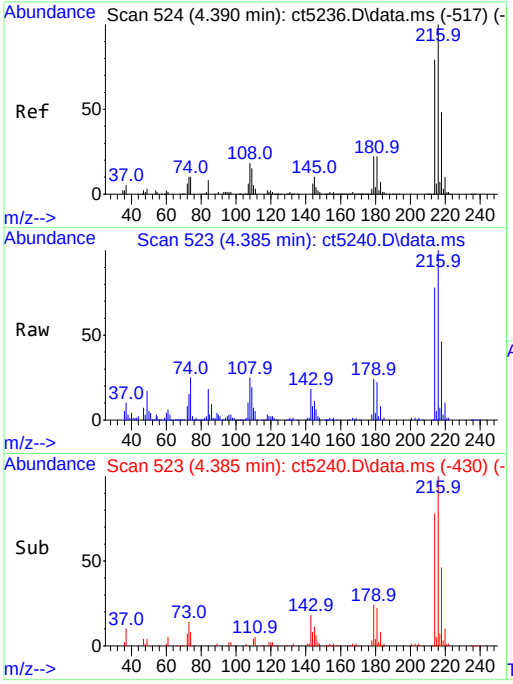


#47
Hexachlorocyclopentadiene
Concen: 2.51 ppm
RT: 4.369 min Scan# 520
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:237 Resp: 17363

Ion	Ratio	Lower	Upper
237	100		
235	62.3	34.5	94.5
272	11.4	0.0	43.6

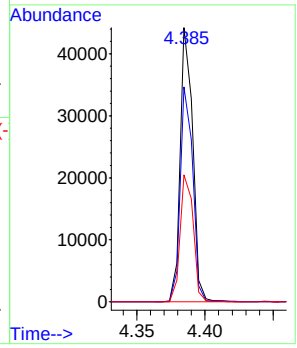


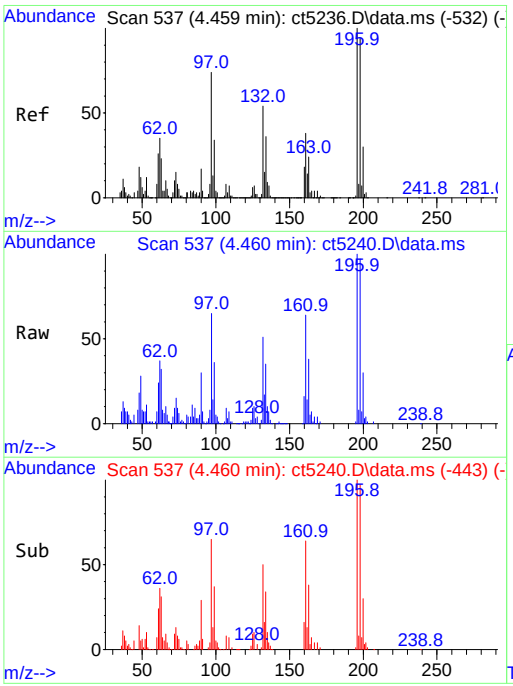


#48
1,2,4,5-tetrachlorobenzene
Concen: 2.27 ppm
RT: 4.385 min Scan# 523
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:216 Resp: 28165

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
218	48.5	38.4	57.6

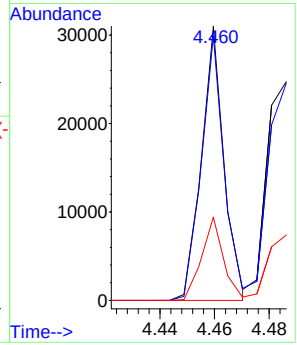


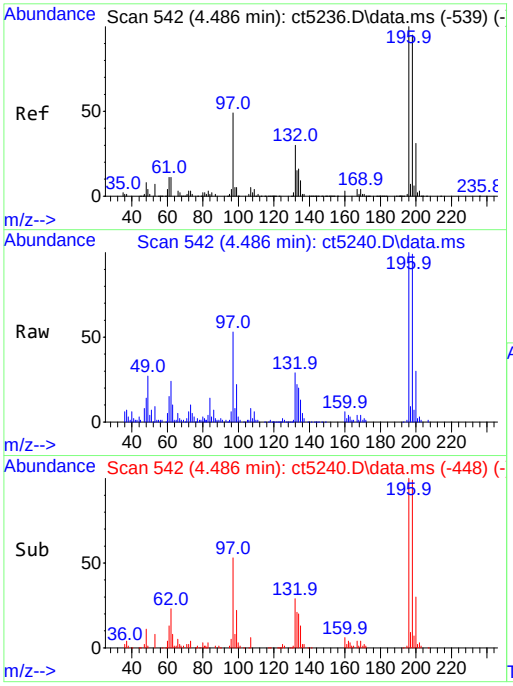


#49
2,4,6-Trichlorophenol
Concen: 2.13 ppm
RT: 4.460 min Scan# 537
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:196 Resp: 17817

Ion	Ratio	Lower	Upper
196	100		
198	96.4	64.2	124.2
200	30.4	0.0	59.5

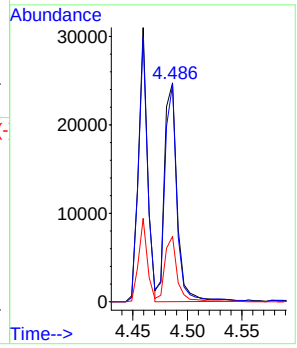


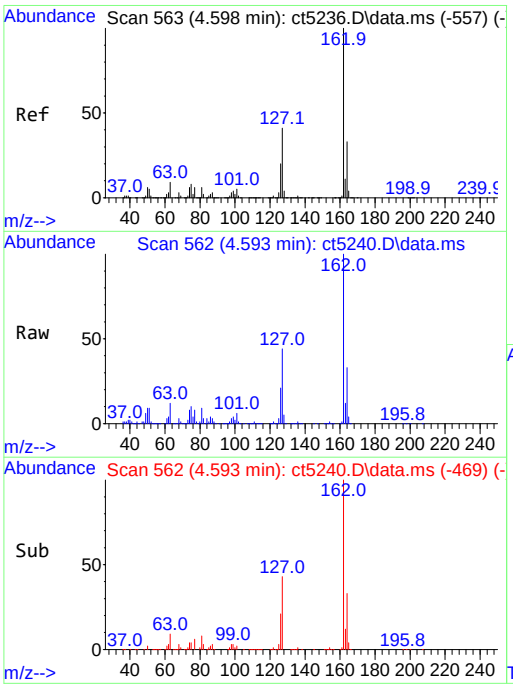


#50
2,4,5-Trichlorophenol
Concen: 2.00 ppm
RT: 4.486 min Scan# 542
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:196 Resp: 19954

Ion	Ratio	Lower	Upper
196	100		
198	98.8	65.2	125.2
200	29.7	0.7	60.7

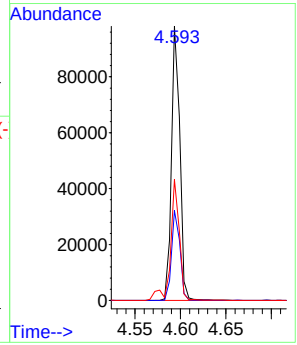


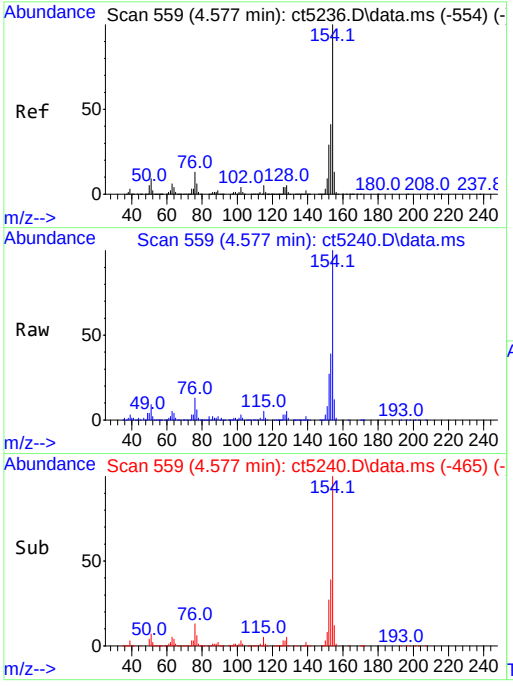


#52
2-Chloronaphthalene
Concen: 2.23 ppm
RT: 4.593 min Scan# 562
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:162 Resp: 62827

Ion	Ratio	Lower	Upper
162	100		
164	32.8	2.8	62.8
127	42.5	11.0	71.0

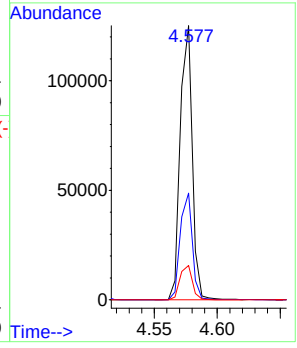


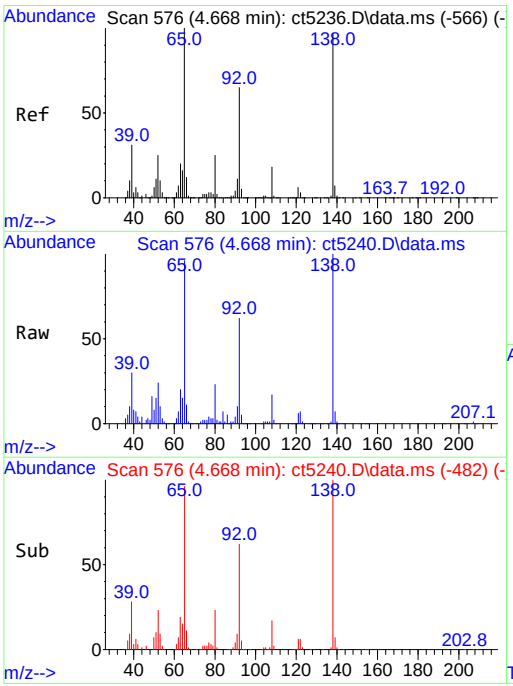


#53
Biphenyl
Concen: 2.31 ppm
RT: 4.577 min Scan# 559
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:154 Resp: 82672

Ion	Ratio	Lower	Upper
154	100		
153	38.9	10.7	70.7
155	12.5	0.0	43.5

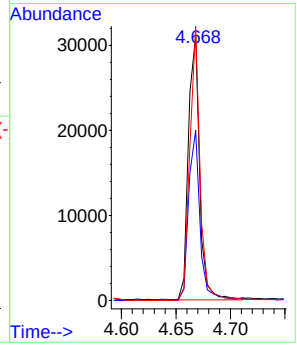


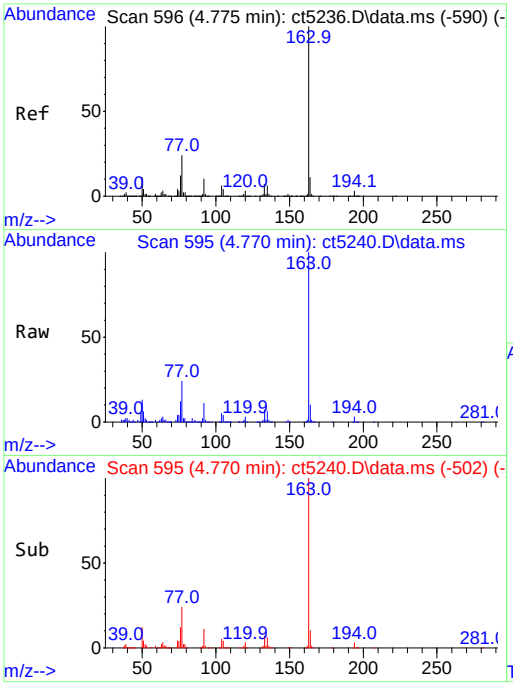


#54
2-Nitroaniline
Concen: 1.97 ppm
RT: 4.668 min Scan# 576
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 65 Resp: 22146

Ion	Ratio	Lower	Upper
65	100		
92	64.0	34.6	94.6
138	104.0	67.0	127.0

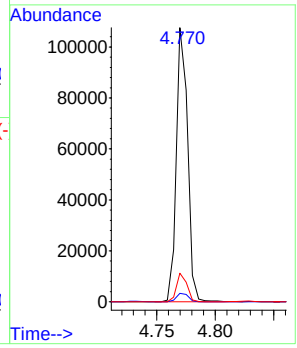


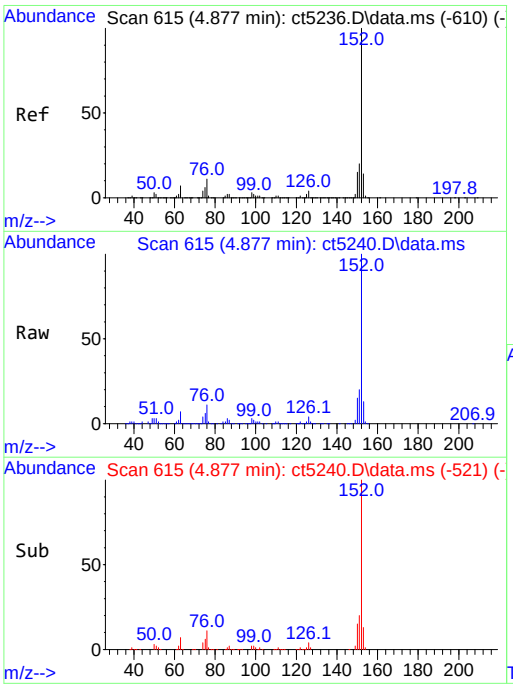


#55
Dimethylphthalate
Concen: 2.15 ppm
RT: 4.770 min Scan# 595
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:163 Resp: 72175

Ion	Ratio	Lower	Upper
163	100		
194	3.1	0.0	33.4
164	10.3	0.0	40.5

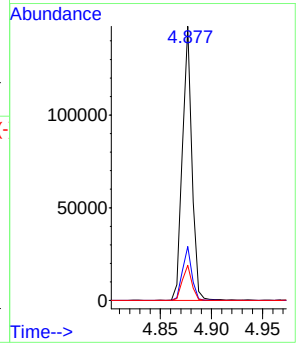


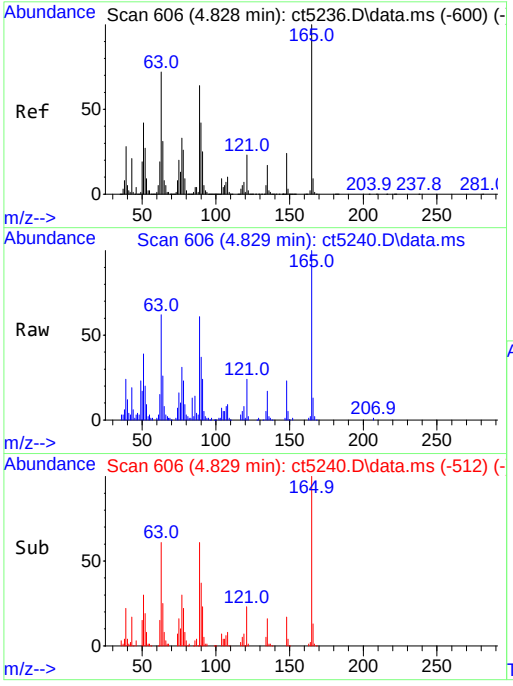


#56
Acenaphthylene
Concen: 2.14 ppm
RT: 4.877 min Scan# 615
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:152 Resp: 96208

Ion	Ratio	Lower	Upper
152	100		
151	19.7	0.0	50.4
153	12.9	0.0	43.6

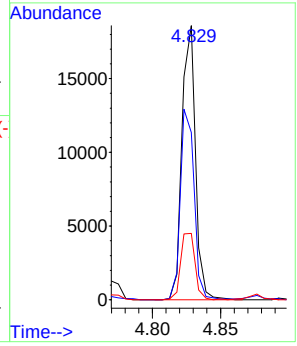


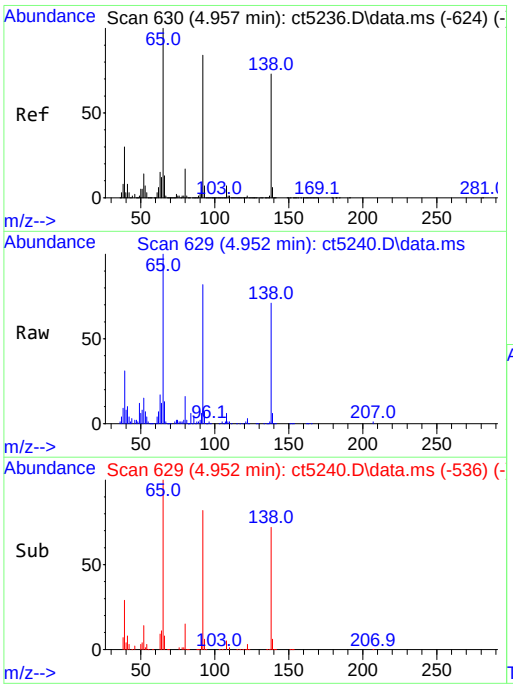


#57
2,6-Dinitrotoluene
Concen: 1.63 ppm
RT: 4.829 min Scan# 606
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:165 Resp: 12840

Ion	Ratio	Lower	Upper
165	100		
89	60.8	34.4	94.4
121	24.1	0.0	53.3

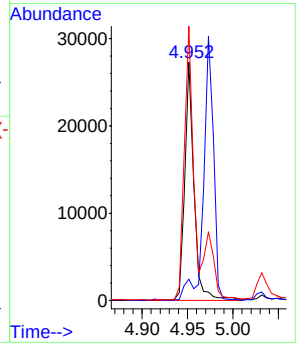


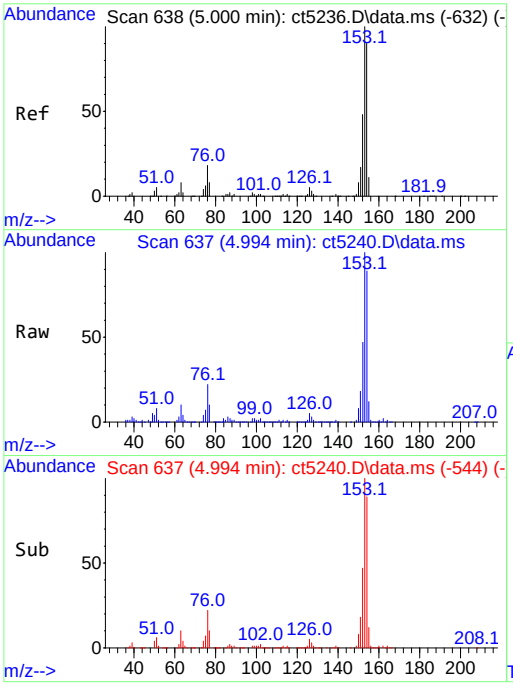


#58
3-Nitroaniline
Concen: 1.93 ppm
RT: 4.952 min Scan# 629
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:138 Resp: 19242

Ion	Ratio	Lower	Upper
138	100		
108	8.7	0.0	40.1
92	115.0	84.8	144.8

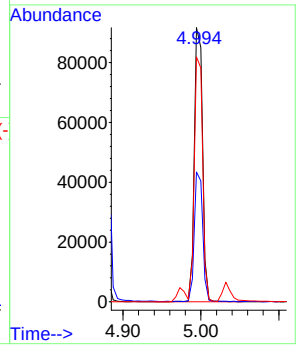


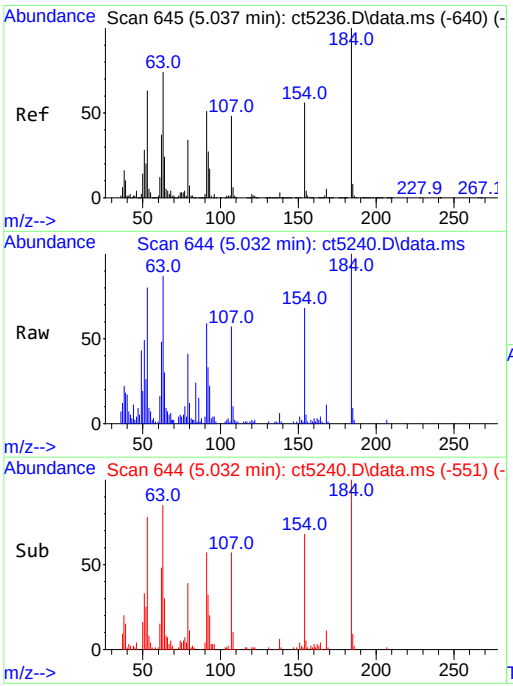


#59
Acenaphthene
Concen: 2.30 ppm
RT: 4.994 min Scan# 637
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:153 Resp: 67053

Ion	Ratio	Lower	Upper
153	100		
152	47.2	18.5	78.5
154	89.0	59.7	119.7

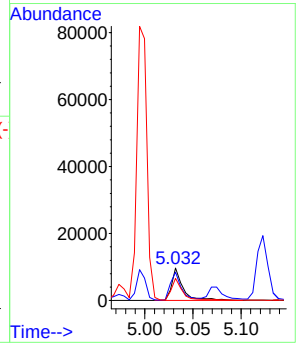


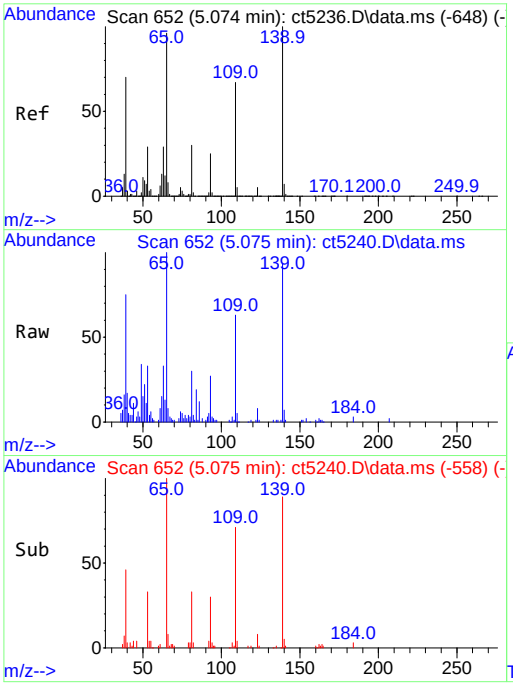


#60
2,4-Dinitrophenol
Concen: 1.69 ppm
RT: 5.032 min Scan# 644
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:184 Resp: 7918

Ion	Ratio	Lower	Upper
184	100		
63	84.2	32.3	92.3
154	63.0	29.0	89.0

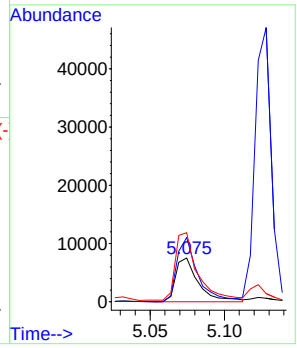


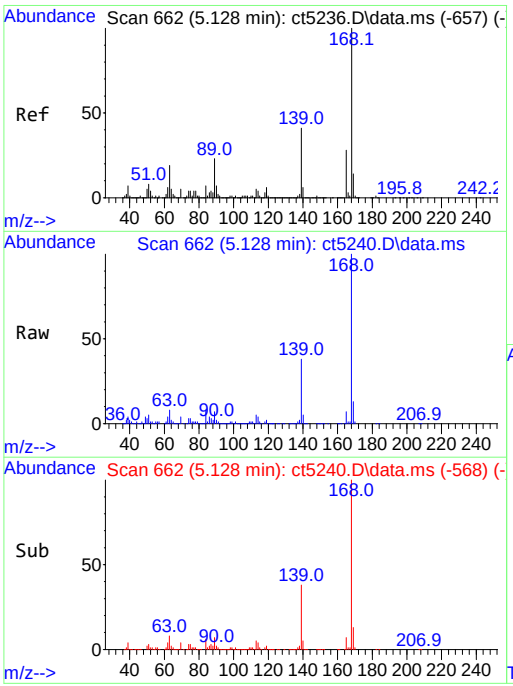


#61
4-Nitrophenol
Concen: 1.48 ppm
RT: 5.075 min Scan# 652
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:109 Resp: 8047

Ion	Ratio	Lower	Upper
109	100		
139	144.6	118.3	178.3
65	153.7	113.1	173.1

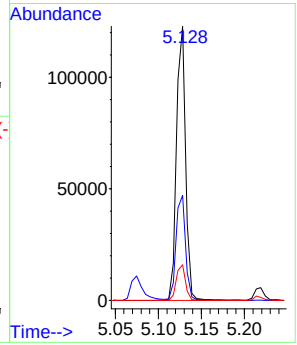


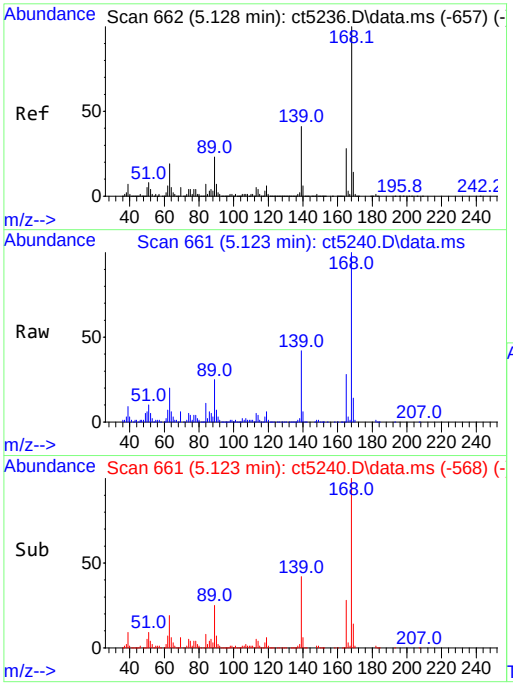


#62
Dibenzofuran
Concen: 2.39 ppm
RT: 5.128 min Scan# 662
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:168 Resp: 89960

Ion	Ratio	Lower	Upper
168	100		
139	37.8	11.5	71.5
169	13.0	0.0	43.8

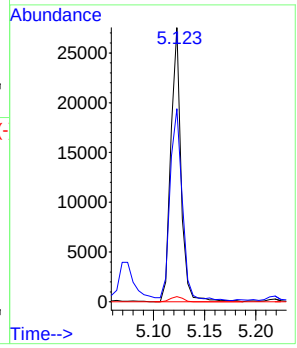


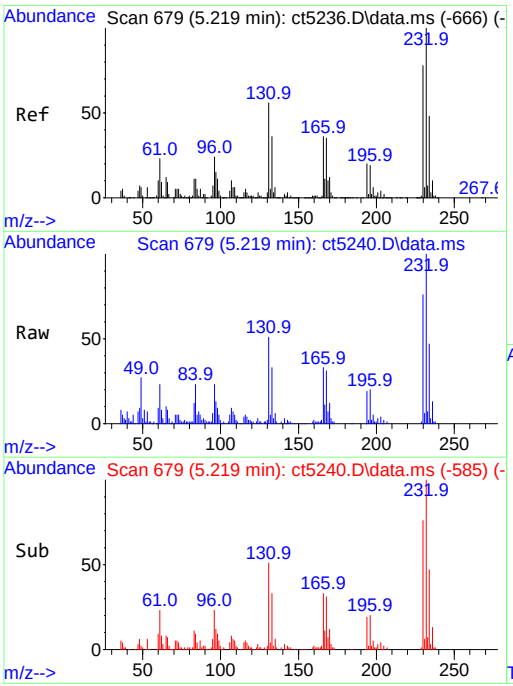


#63
2,4-Dinitrotoluene
Concen: 1.99 ppm
RT: 5.123 min Scan# 661
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:165 Resp: 19049

Ion	Ratio	Lower	Upper
165	100		
63	69.2	35.6	95.6
182	1.9	0.0	32.5

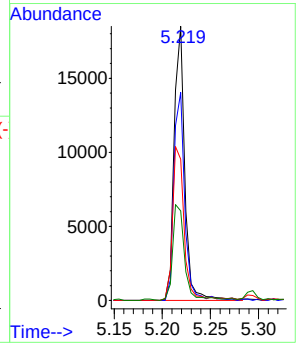


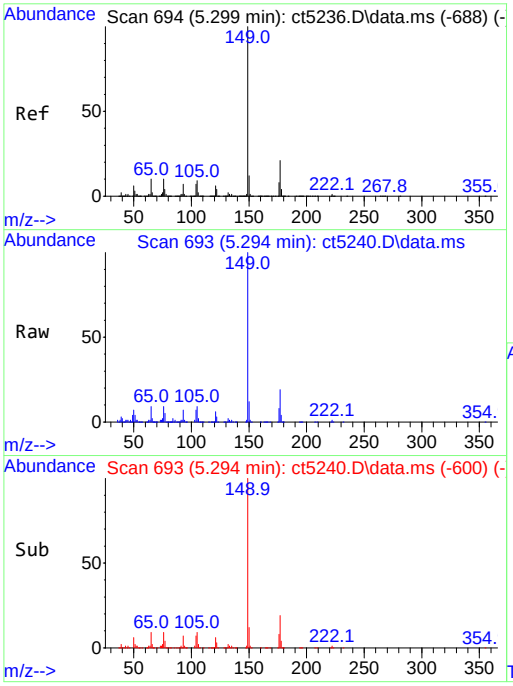


#64
2,3,4,6-Tetrachlorophenol
Concen: 1.86 ppm
RT: 5.219 min Scan# 679
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:232 Resp: 14239

Ion	Ratio	Lower	Upper
232	100		
230	75.9	48.2	108.2
131	51.3	25.8	85.8
133	32.2	6.2	66.2

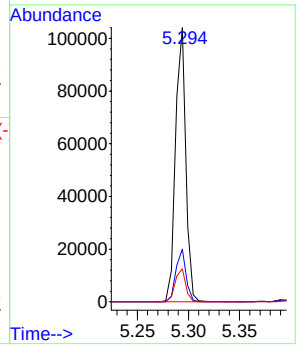


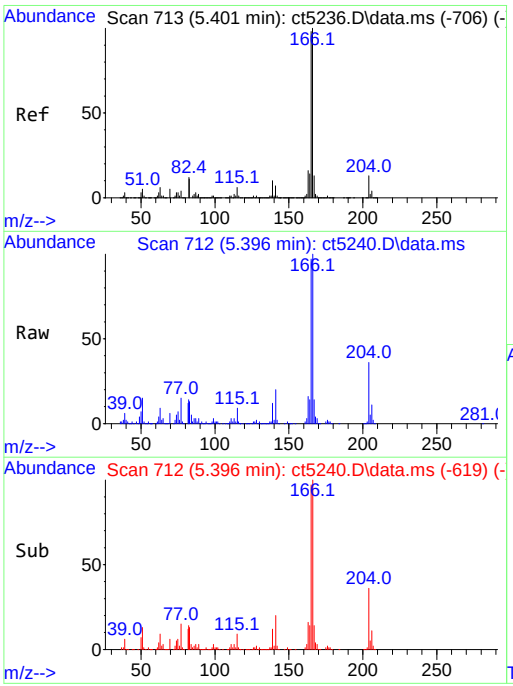


#65
Diethylphthalate
Concen: 2.09 ppm
RT: 5.294 min Scan# 693
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:149 Resp: 72881

Ion	Ratio	Lower	Upper
149	100		
177	19.2	0.0	50.7
150	12.0	0.0	42.5

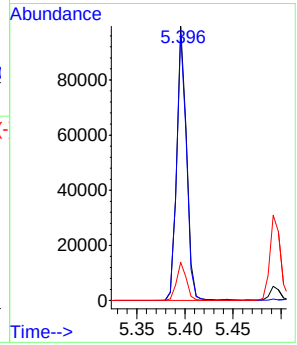


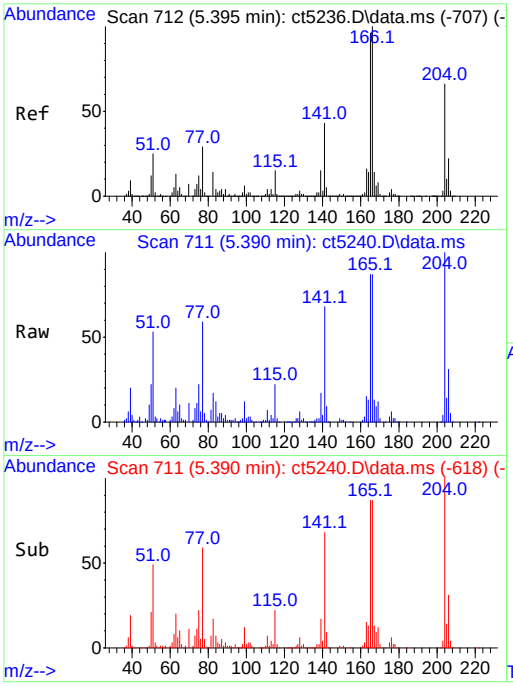


#66
Fluorene
Concen: 2.36 ppm
RT: 5.396 min Scan# 712
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:166 Resp: 70408

Ion	Ratio	Lower	Upper
166	100		
165	97.1	67.6	127.6
167	13.9	0.0	43.4

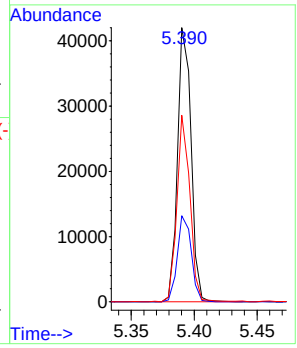


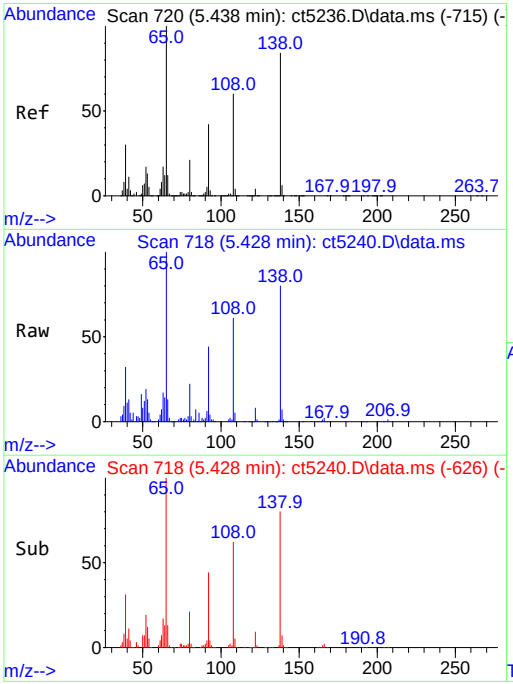


#67
4-Chlorophenyl-phenylether
Concen: 2.42 ppm
RT: 5.390 min Scan# 711
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:204 Resp: 31280

Ion	Ratio	Lower	Upper
204	100		
206	31.4	2.9	62.9
141	67.8	34.9	94.9

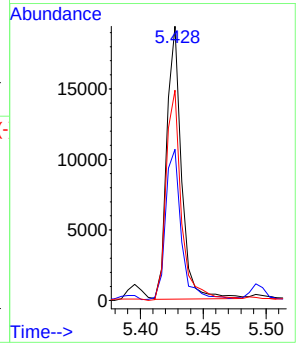


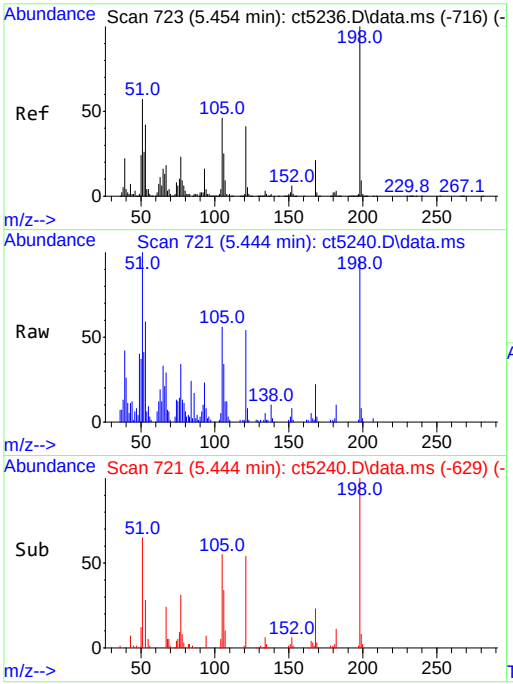


#68
4-Nitroaniline
Concen: 1.60 ppm
RT: 5.428 min Scan# 718
Delta R.T. -0.010 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:138 Resp: 15705

Ion	Ratio	Lower	Upper
138	100		
92	54.6	20.2	80.2
108	76.9	41.6	101.6

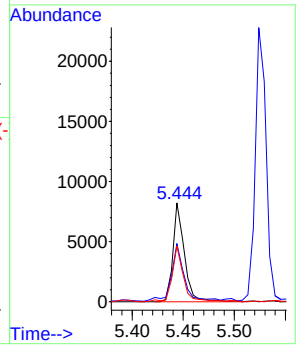


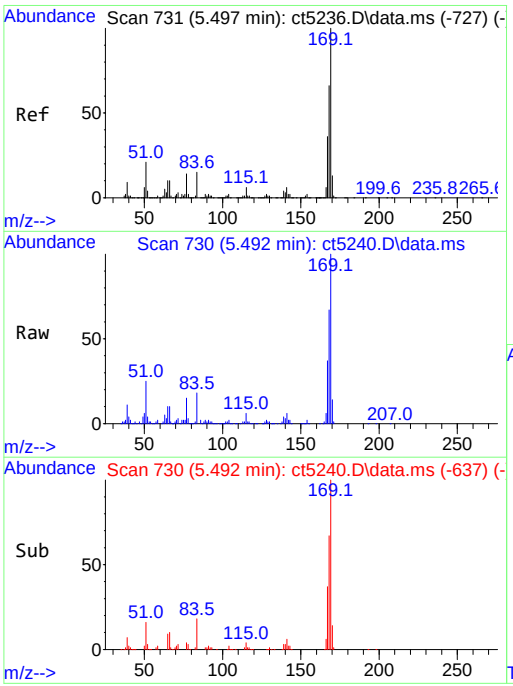


#70
4,6-Dinitro-2-methylphenol
Concen: 1.06 ppm
RT: 5.444 min Scan# 721
Delta R.T. -0.010 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:198 Resp: 6397

Ion	Ratio	Lower	Upper
198	100		
105	55.9	15.6	75.6
121	55.6	11.4	71.4

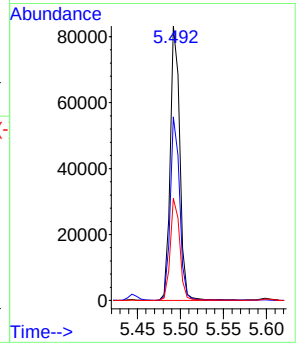


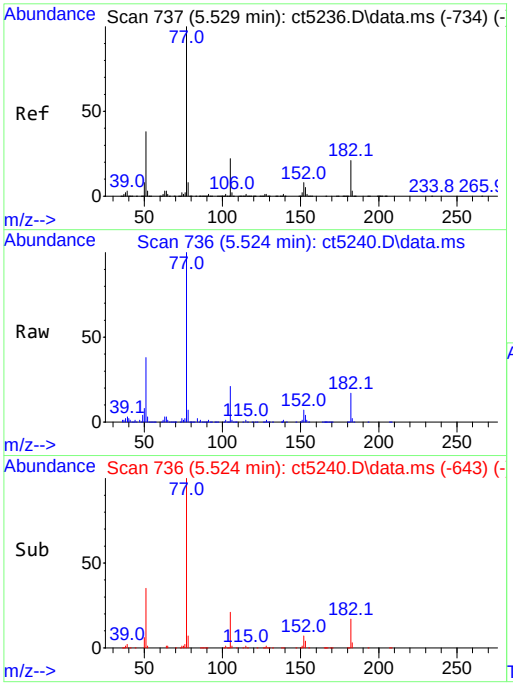


#71
n-Nitrosodiphenylamine
Concen: 2.28 ppm
RT: 5.492 min Scan# 730
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:169 Resp: 64133

Ion	Ratio	Lower	Upper
169	100		
168	66.9	36.0	96.0
167	37.2	6.2	66.2

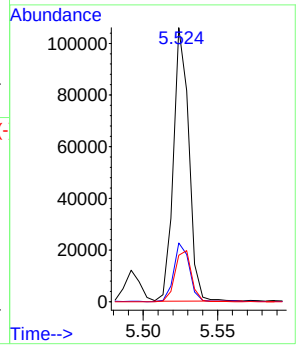


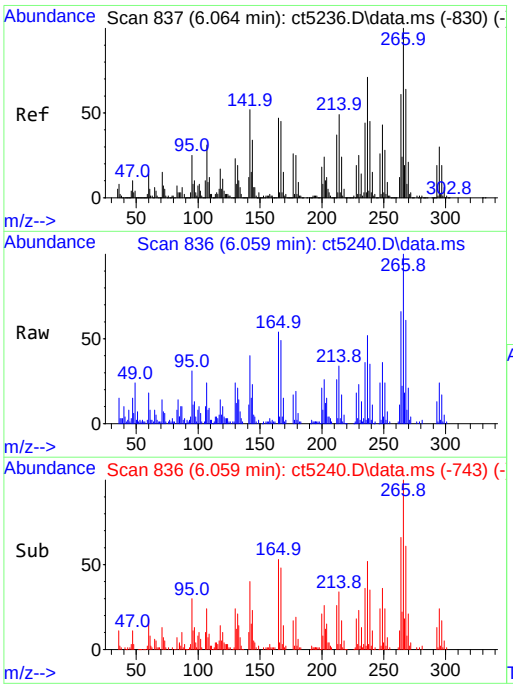


#72
1,2-Diphenylhydrazine
Concen: 2.07 ppm
RT: 5.524 min Scan# 736
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 77 Resp: 76705

Ion	Ratio	Lower	Upper
77	100		
105	21.4	0.0	51.9
182	17.0	0.0	51.0

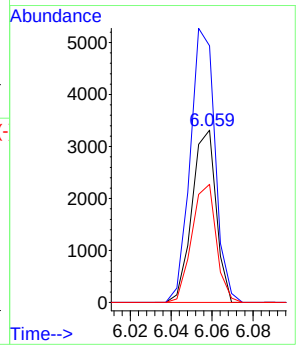


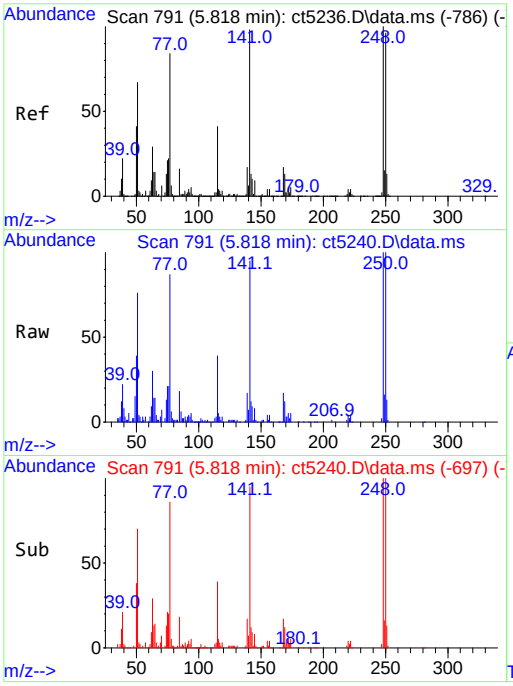


#73
pentachloronitrobenzene
Concen: 1.89 ppm
RT: 6.059 min Scan# 836
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:295 Resp: 2723

Ion	Ratio	Lower	Upper
295	100		
249	164.0	121.8	182.8
297	69.8	51.7	77.5

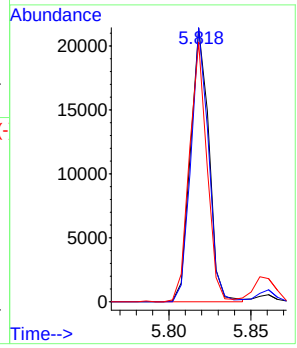


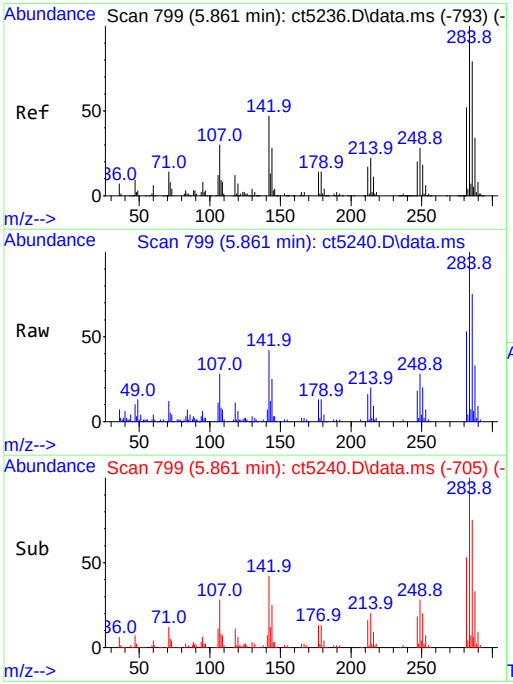


#75
4-Bromophenyl-phenylether
Concen: 2.06 ppm
RT: 5.818 min Scan# 791
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:248 Resp: 16845

Ion	Ratio	Lower	Upper
248	100		
250	100.3	65.9	125.9
141	94.7	68.1	128.1

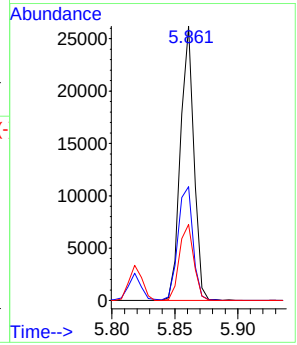


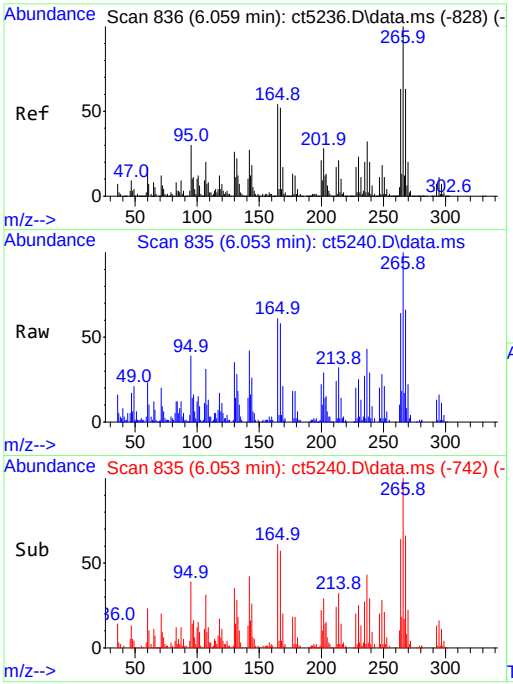


#76
Hexachlorobenzene
Concen: 2.12 ppm
RT: 5.861 min Scan# 799
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:284 Resp: 19375

Ion	Ratio	Lower	Upper
284	100		
142	41.3	17.4	77.4
249	27.7	0.0	59.7

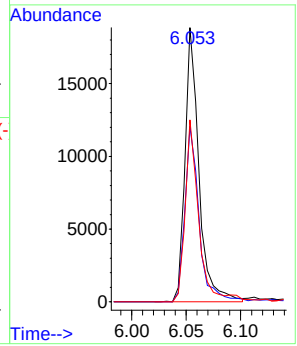


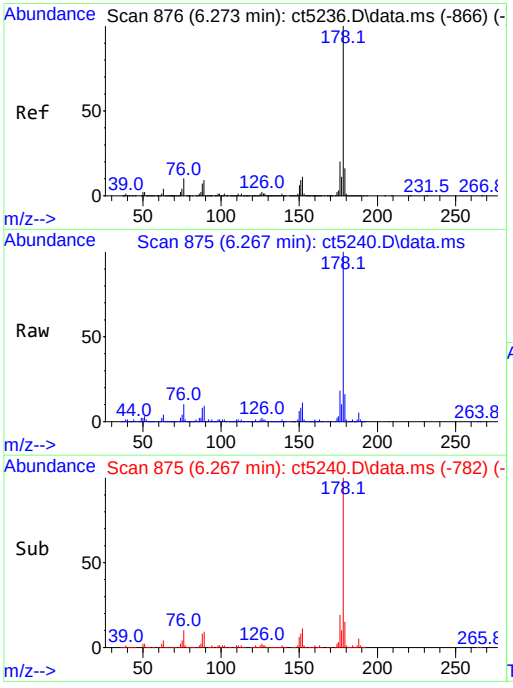


#77
Pentachlorophenol
Concen: 3.26 ppm
RT: 6.053 min Scan# 835
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:266 Resp: 16714

Ion	Ratio	Lower	Upper
266	100		
264	63.8	32.9	92.9
268	66.3	33.4	93.4

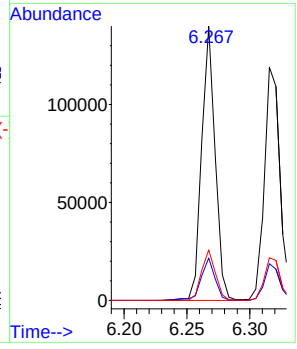


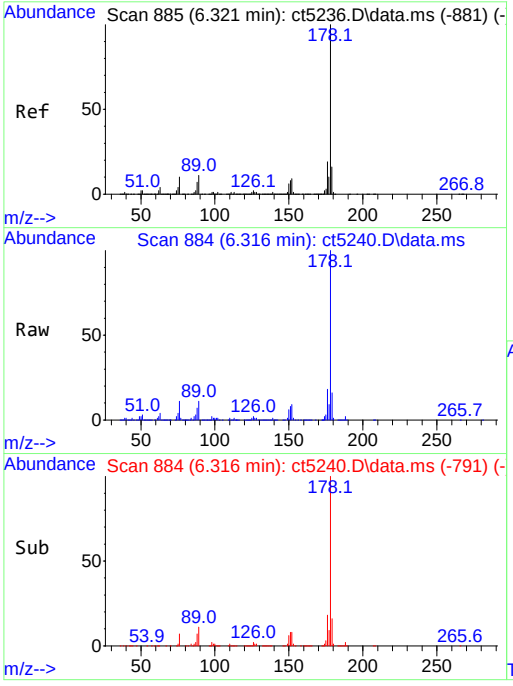


#78
Phenanthrene
Concen: 2.25 ppm
RT: 6.267 min Scan# 875
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:178 Resp: 104235

Ion	Ratio	Lower	Upper
178	100		
179	15.5	0.0	46.1
176	18.5	0.0	50.2

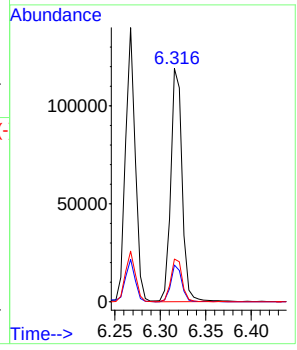


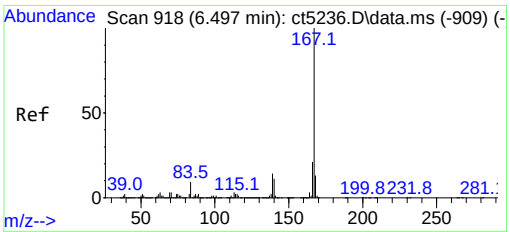


#79
Anthracene
Concen: 2.16 ppm
RT: 6.316 min Scan# 884
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:178 Resp: 103585

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	45.8
176	18.4	0.0	49.2

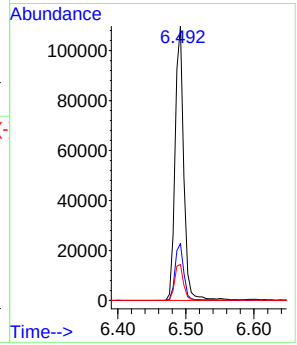


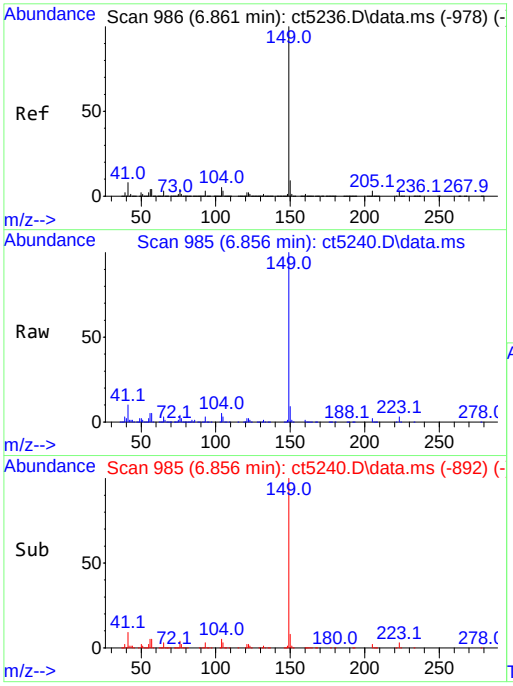


#80
Carbazole
Concen: 2.06 ppm
RT: 6.492 min Scan# 917
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:167 Resp: 97673

Ion	Ratio	Lower	Upper
167	100		
166	20.7	0.0	51.5
139	13.1	0.0	43.6

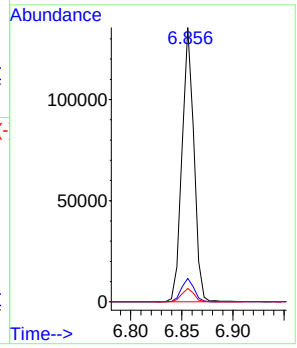


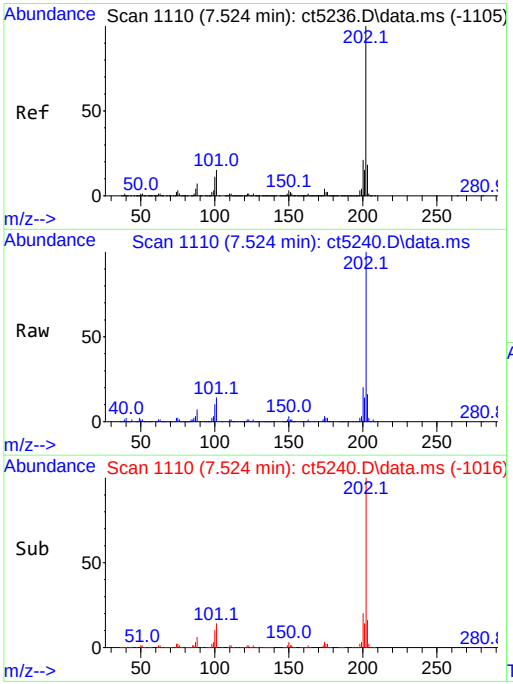


#81
Di-n-butylphthalate
Concen: 1.84 ppm
RT: 6.856 min Scan# 985
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:149 Resp: 110439

Ion	Ratio	Lower	Upper
149	100		
150	8.5	0.0	39.2
104	4.9	0.0	34.7

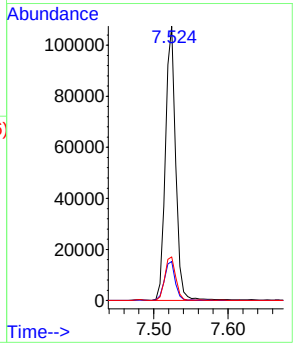


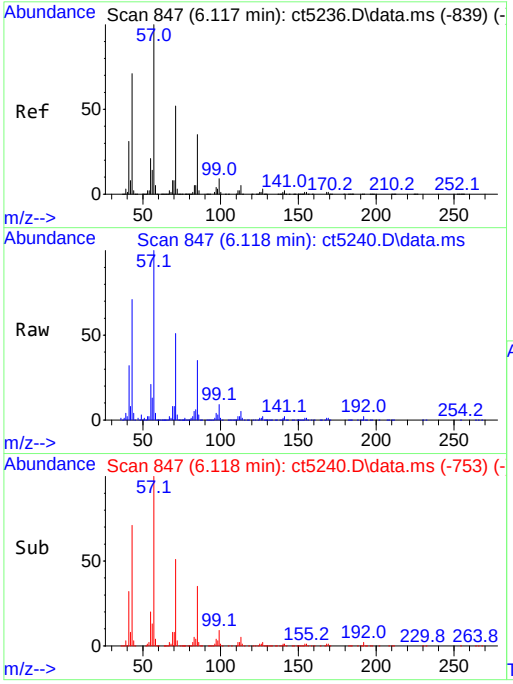


#82
Fluoranthene
Concen: 2.08 ppm
RT: 7.524 min Scan# 1110
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:202 Resp: 102409

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	45.1
203	15.9	0.0	47.9

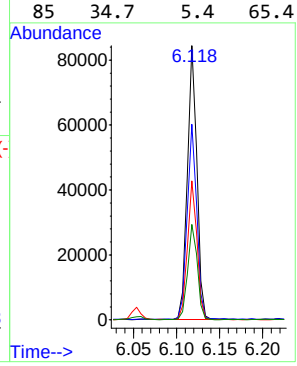


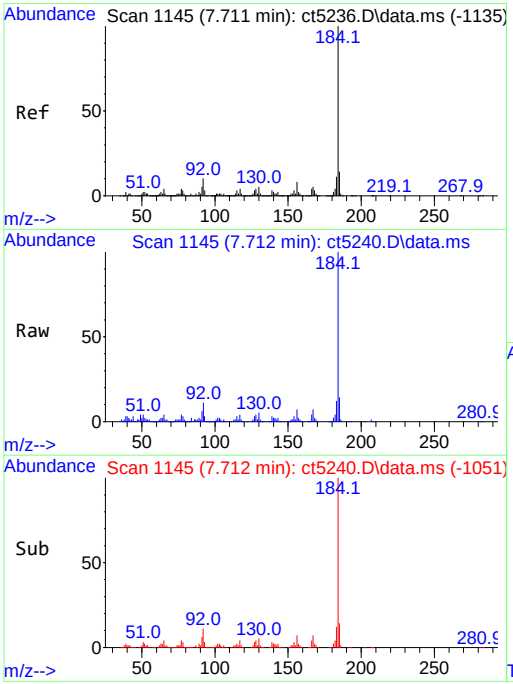


#83
Octadecane
Concen: 2.07 ppm
RT: 6.118 min Scan# 847
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion: 57 Resp: 65337

Ion	Ratio	Lower	Upper
57	100		
43	71.1	41.3	101.3
71	50.6	22.1	82.1
85	34.7	5.4	65.4

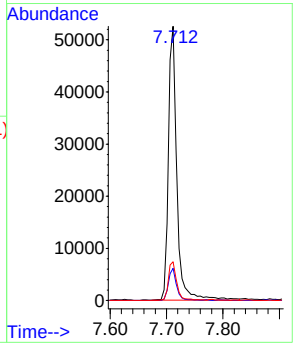


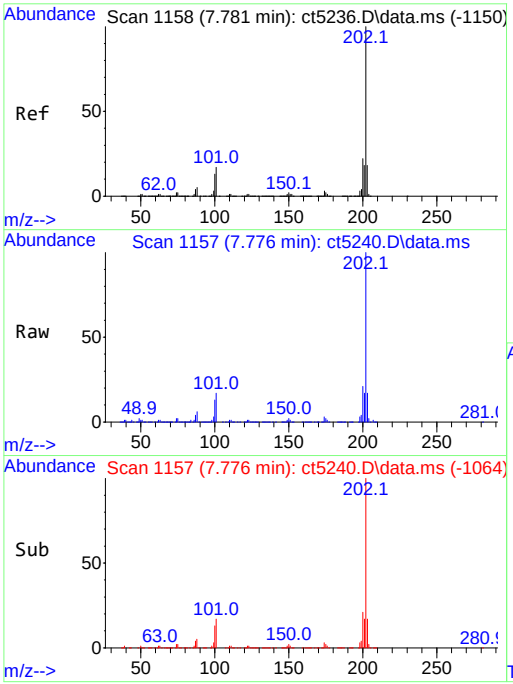


#85
benzidine
Concen: 1.36 ppm
RT: 7.712 min Scan# 1145
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:184 Resp: 54959

Ion	Ratio	Lower	Upper
184	100		
183	11.4	9.1	13.7
185	14.3	11.1	16.7

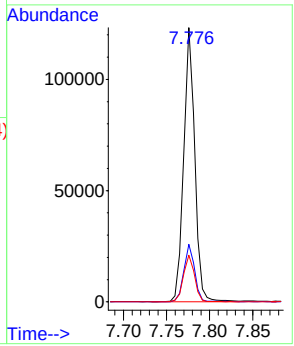


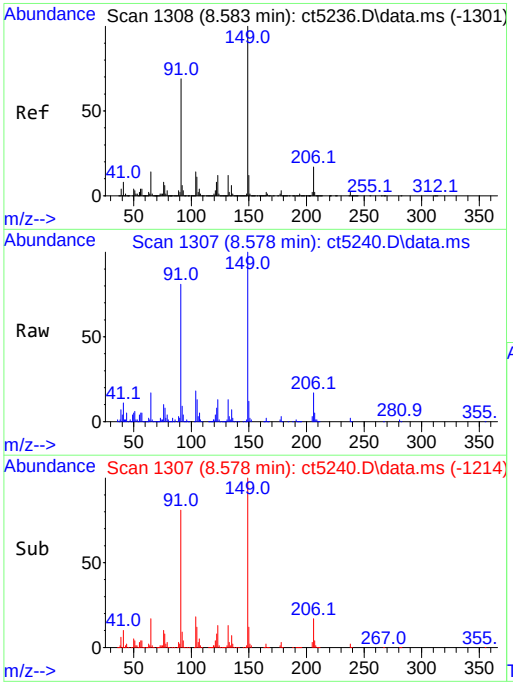


#86
Pyrene
Concen: 1.83 ppm
RT: 7.776 min Scan# 1157
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:202 Resp: 110440

Ion	Ratio	Lower	Upper
202	100		
200	21.0	0.0	51.5
203	17.0	0.0	47.8

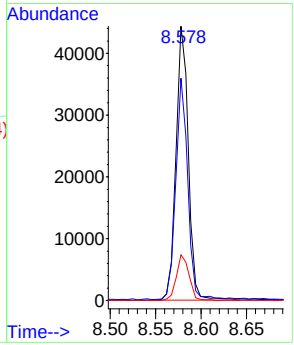


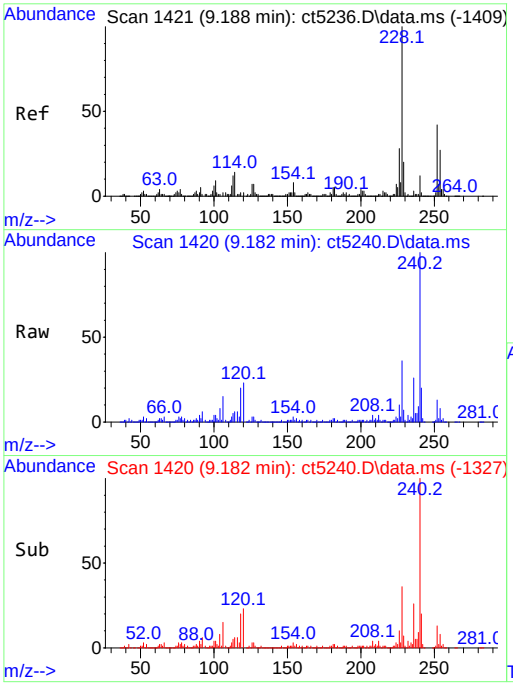


#88
Butylbenzylphthalate
Concen: 1.33 ppm
RT: 8.578 min Scan# 1307
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:149 Resp: 42167

Ion	Ratio	Lower	Upper
149	100		
91	80.6	39.4	99.4
206	16.8	0.0	46.7

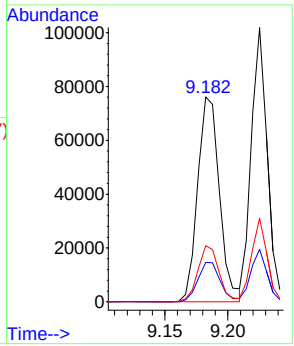


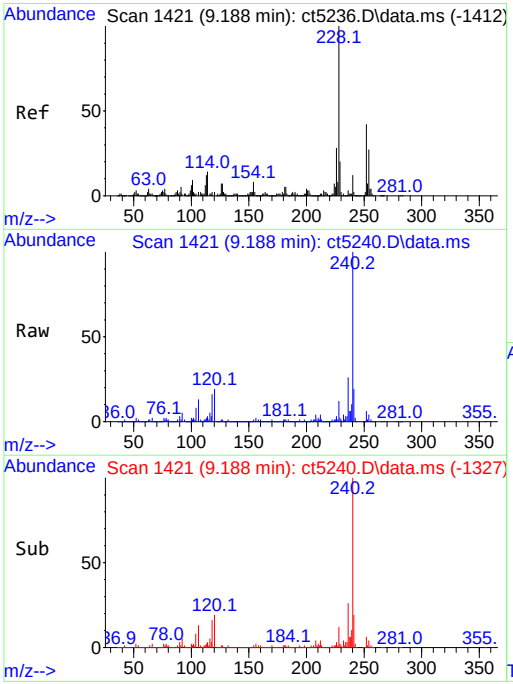


#89
Benzo[a]anthracene
Concen: 1.94 ppm
RT: 9.182 min Scan# 1420
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:228 Resp: 91636

Ion	Ratio	Lower	Upper
228	100		
229	19.1	0.0	50.1
226	27.4	0.0	58.2

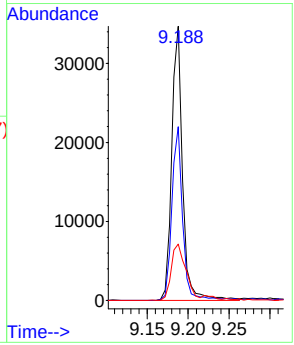


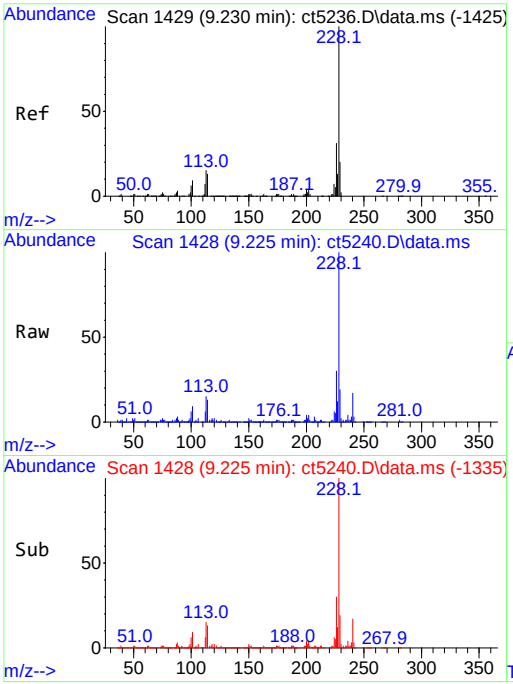


#90
3,3'-Dichlorobenzidine
Concen: 1.89 ppm
RT: 9.188 min Scan# 1421
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:252 Resp: 32059

Ion	Ratio	Lower	Upper
252	100		
254	63.4	33.8	93.8
126	20.3	0.0	47.4

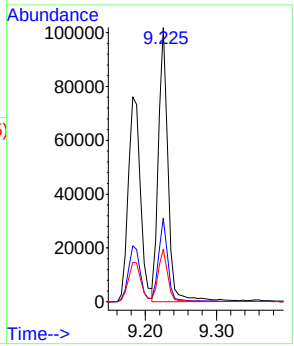


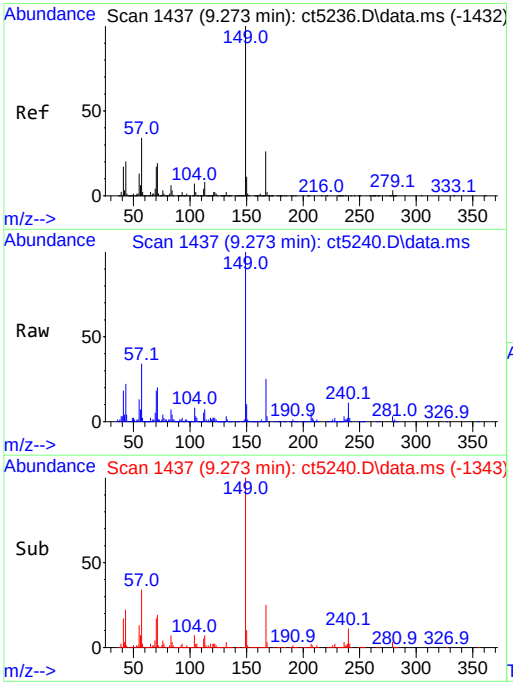


#91
Chrysene
Concen: 1.95 ppm
RT: 9.225 min Scan# 1428
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:228 Resp: 95379

Ion	Ratio	Lower	Upper
228	100		
226	30.6	0.6	60.6
229	19.1	0.0	49.6

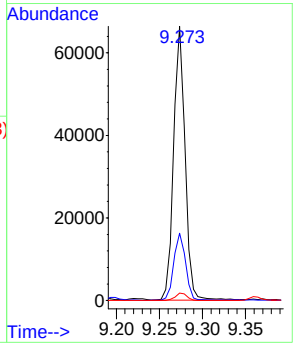


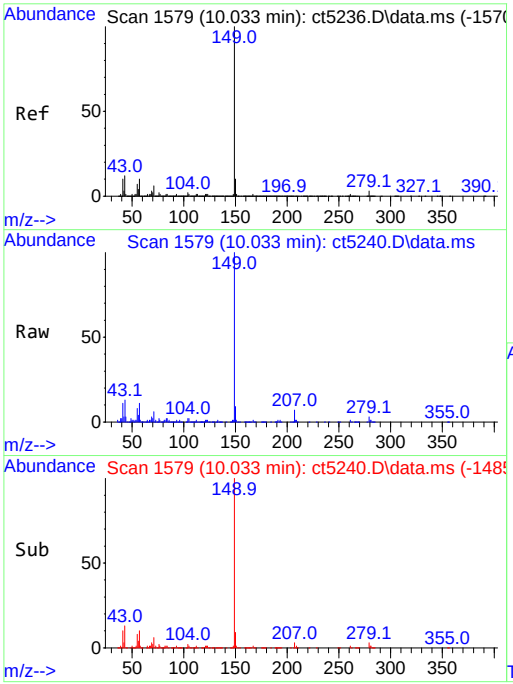


#92
bis(2-Ethylhexyl)phthalate
Concen: 1.41 ppm
RT: 9.273 min Scan# 1437
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:149 Resp: 61286

Ion	Ratio	Lower	Upper
149	100		
167	24.4	0.0	56.2
279	2.7	0.0	32.9

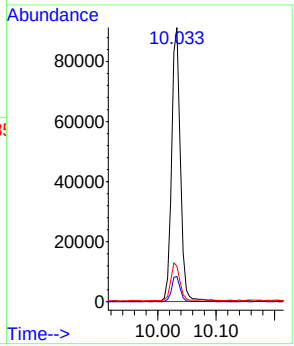


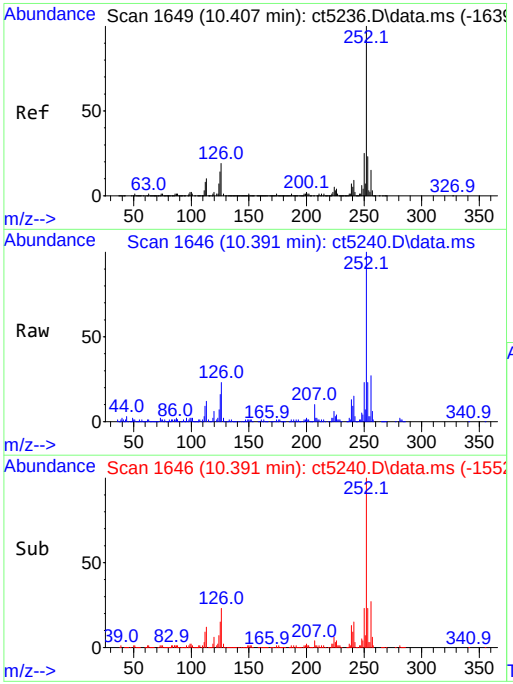


#94
Di-n-octylphthalate
Concen: 1.43 ppm
RT: 10.033 min Scan# 1579
Delta R.T. 0.000 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:149 Resp: 95182

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	40.0
43	12.4	0.0	42.5

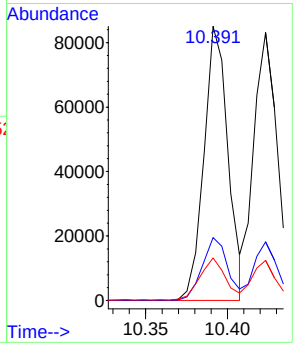


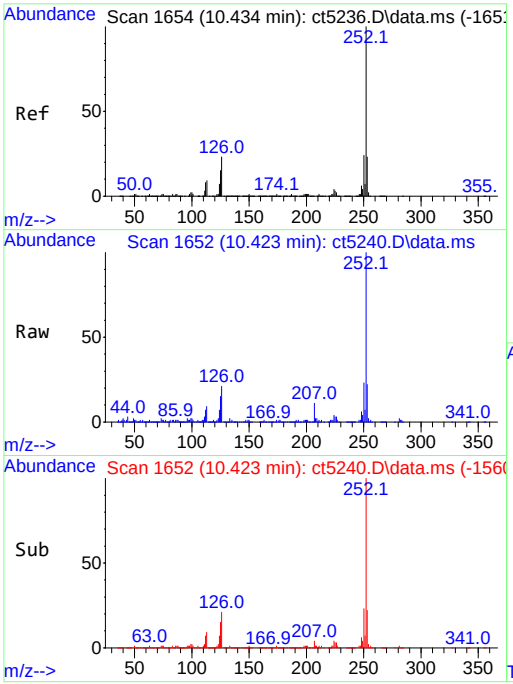


#95
Benzo[b]fluoranthene
Concen: 2.10 ppm
RT: 10.391 min Scan# 1646
Delta R.T. 0.003 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:252 Resp: 86997

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	53.2
125	15.3	0.0	44.2

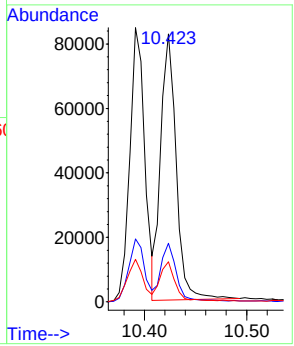


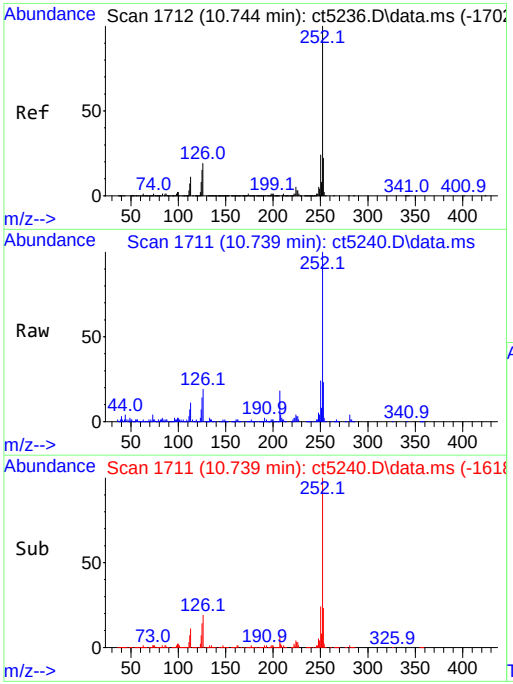


#96
Benzo[k]fluoranthene
Concen: 2.07 ppm
RT: 10.423 min Scan# 1652
Delta R.T. -0.011 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:252 Resp: 86221

Ion	Ratio	Lower	Upper
252	100		
253	21.5	0.0	52.5
125	14.7	0.0	45.1

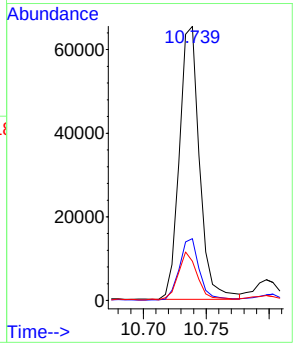


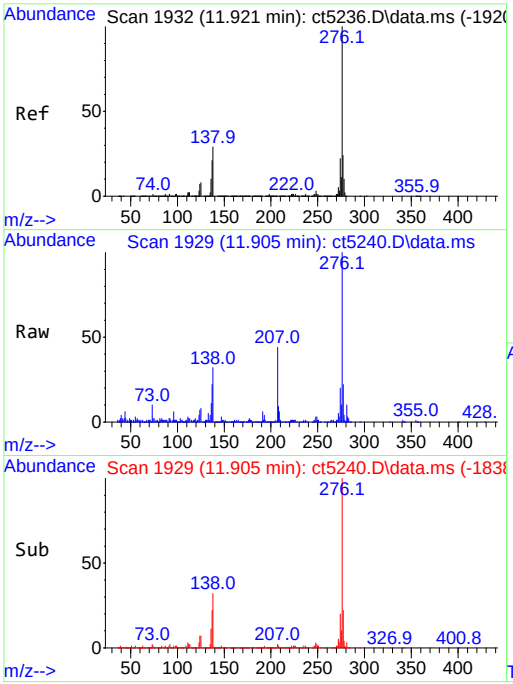


#97
Benzo[a]pyrene
Concen: 1.85 ppm
RT: 10.739 min Scan# 1711
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:252 Resp: 72833

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	52.4
125	13.9	0.0	44.9

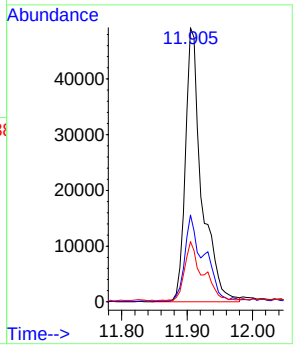


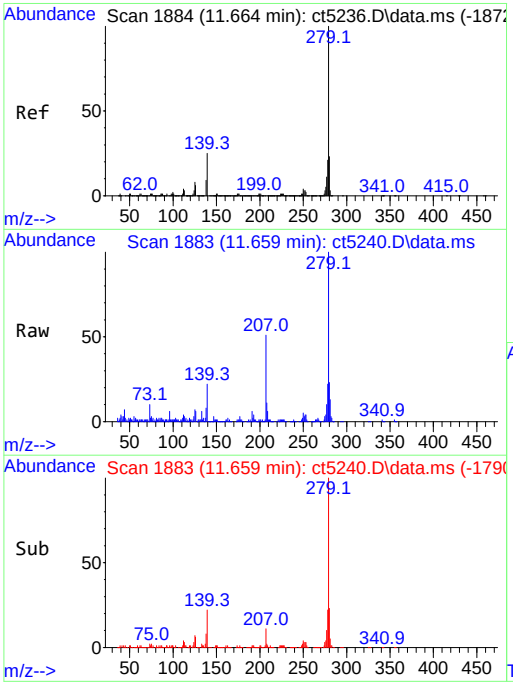


#98
Indeno[1,2,3-cd]pyrene
Concen: 1.74 ppm
RT: 11.905 min Scan# 1929
Delta R.T. -0.016 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:276 Resp: 85072

Ion	Ratio	Lower	Upper
276	100		
138	31.4	0.0	59.2
137	21.4	0.0	50.7

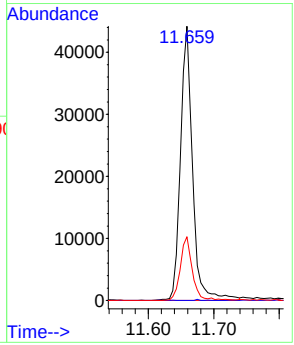


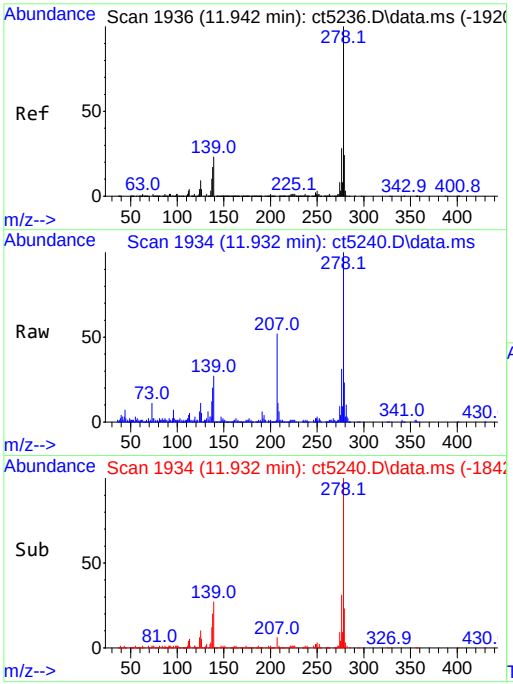


#99
Dibenz(a,h)acridine
Concen: 1.64 ppm
RT: 11.659 min Scan# 1883
Delta R.T. -0.005 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:279 Resp: 56340

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	23.2	0.0	53.2

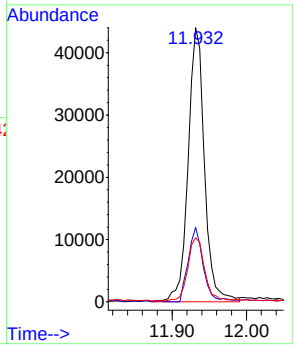


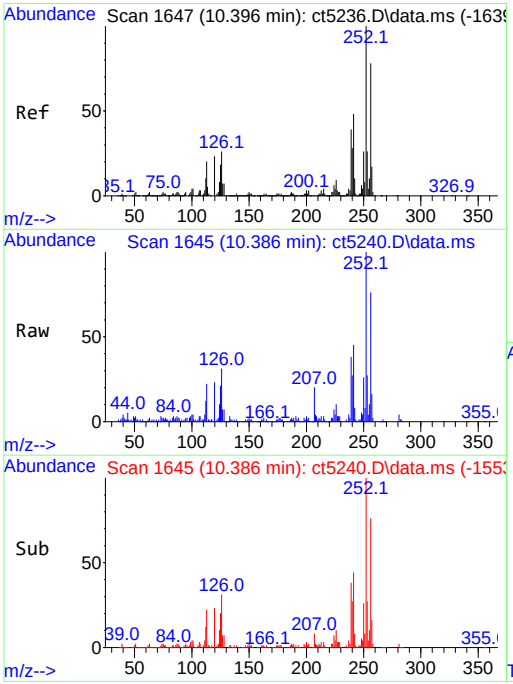


#100
Dibenz[a,h]anthracene
Concen: 1.70 ppm
RT: 11.932 min Scan# 1934
Delta R.T. -0.011 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:278 Resp: 67107

Ion	Ratio	Lower	Upper
278	100		
139	27.0	0.0	53.3
279	23.0	0.0	53.8

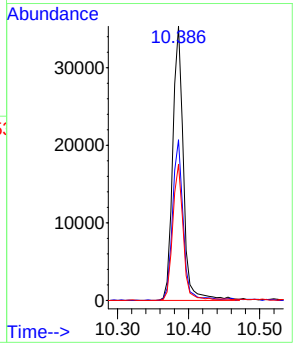


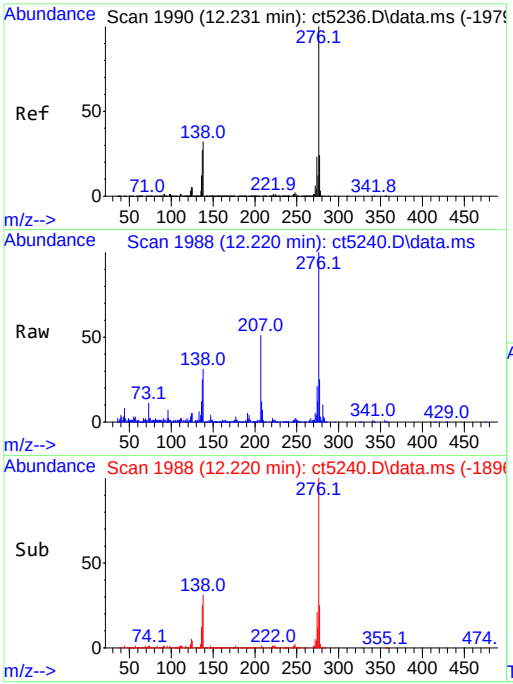


#101
7,12-Dimethylbenz(a)anthracene
Concen: 2.08 ppm
RT: 10.386 min Scan# 1645
Delta R.T. -0.010 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:256 Resp: 36945

Ion	Ratio	Lower	Upper
256	100		
241	58.5	32.2	92.2
239	49.6	19.8	79.8

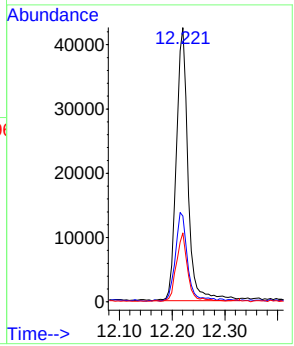




#102
Benzo[g,h,i]perylene
Concen: 1.70 ppm
RT: 12.220 min Scan# 1988
Delta R.T. -0.011 min
Lab File: ct5240.D
Acq: 15 Feb 2024 12:53 pm

Tgt Ion:276 Resp: 65365

Ion	Ratio	Lower	Upper
276	100		
138	31.1	1.8	61.8
277	25.0	0.0	53.9



Manual Integration Approval Summary

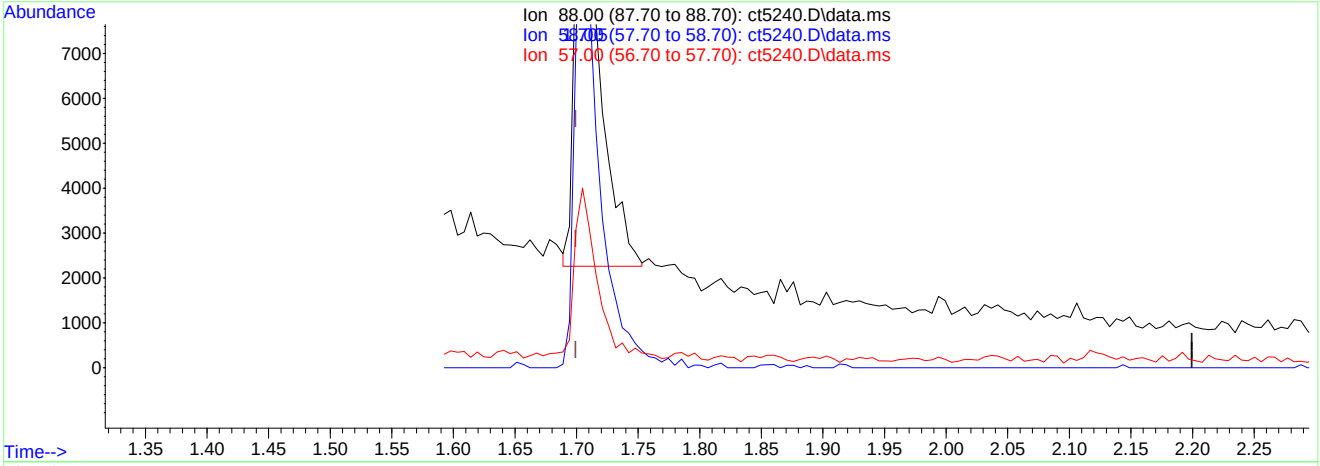
Sample Number: ECT266-IC266
Lab FileID: CT5240.D
Injection Time: 02/15/24 12:53
Method: SW846 8270E
Analyst approved: 02/16/24 10:00 Ying Li
Supervisor approved: 02/16/24 11:39 Nina Pandya

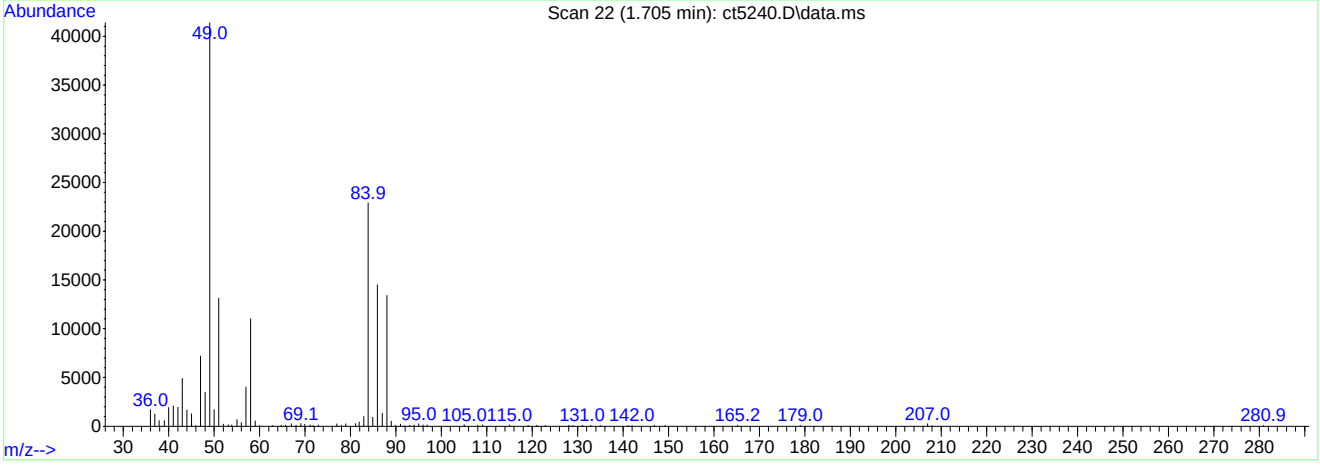
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,4-Dioxane	123-91-1		1.70	Poor instrument integration

Quantitation Report (Qedit)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5240.D
Acq On : 15 Feb 2024 12:53 pm
Operator : jackleey
Sample : ic266-2
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 16 09:14:35 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration





TIC: ct5240.D\data.ms

(2) 1,4-Dioxane (t)

1.705min (+0.006) 1.71ppm m

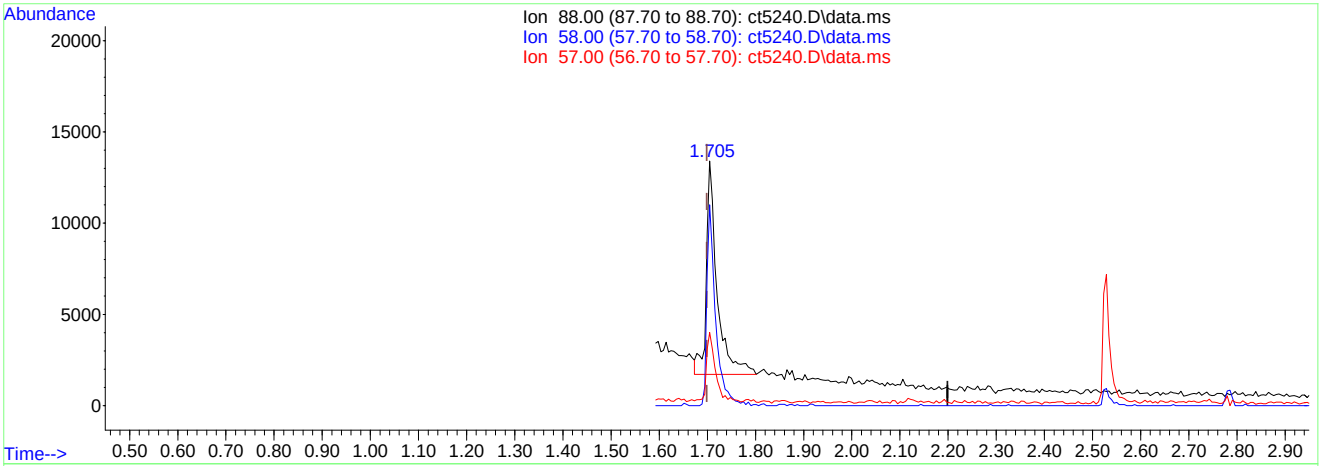
response 13848

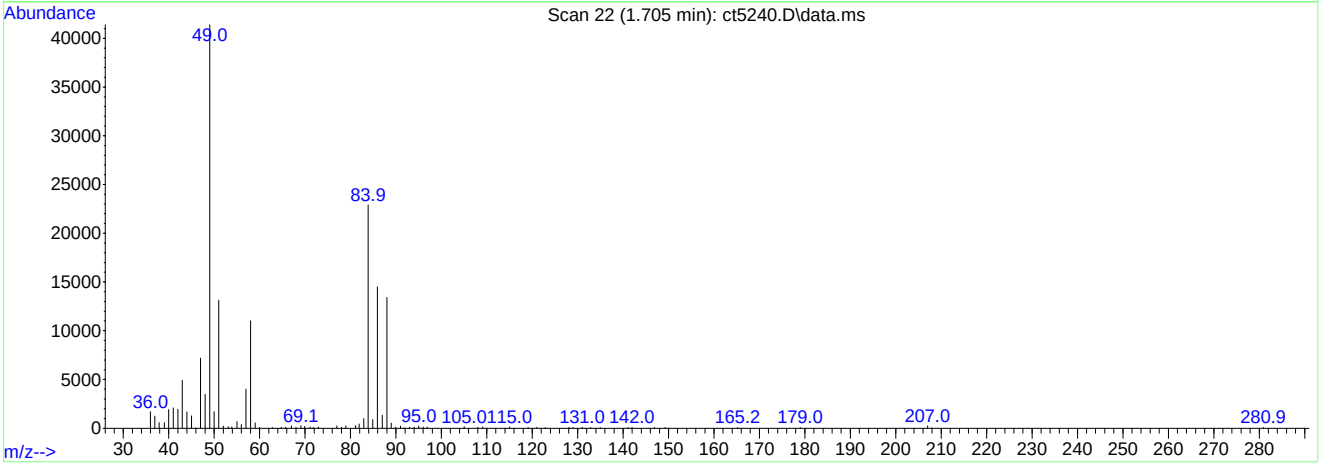
Ion	Exp%	Act%
88.00	100	100
58.00	91.70	82.12
57.00	31.20	29.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\MassHunter\GCMS\1\data\Ect264\
Data File : ct5240.D
Acq On : 15 Feb 2024 12:53 pm
Operator : jackleey
Sample : ic266-2
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 16 10:21:42 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration





TIC: ct5240.D\data.ms

(2) 1,4-Dioxane (t)

1.705min (+0.006) 2.42ppm

response 18232

Ion	Exp%	Act%
88.00	100	100
58.00	91.70	97.10
57.00	31.20	33.33
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya
02/16/24 11:39

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5241.D
Acq On : 15 Feb 2024 01:11 pm
Operator : jackleey
Sample : ic266-5
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 16 09:16:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.202	152	436667	40.00	ppm	0.00
24) Naphthalene-d8	3.892	136	1646548	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	885378	40.00	ppm	0.00
69) Phenanthrene-d10	6.240	188	1581174	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1223598	40.00	ppm	-0.01
93) Perylene-d12	10.792	264	1283883	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.202	152	436667	40.00	ppm	0.00
105) Phenanthrene-d10a	6.240	188	1581174	40.00	ppm	0.00
107) Naphthalene-d8a	3.892	136	1646548	40.00	ppm	0.00
109) Phenanthrene-d10b	6.240	188	1581174	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1223598	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.528	112	81756	4.92	ppm	0.00
Spiked Amount 50.000			Recovery = 9.84%			
8) Phenol-d5	2.999	99	104981	5.55	ppm	0.00
Spiked Amount 50.000			Recovery = 11.10%			
25) Nitrobenzene-d5	3.502	82	92873	5.31	ppm	0.00
Spiked Amount 50.000			Recovery = 10.62%			
51) 2-Fluorobiphenyl	4.507	172	175337	6.18	ppm	0.00
Spiked Amount 50.000			Recovery = 12.36%			
74) 2,4,6-Tribromophenol	5.599	330	22870	5.58	ppm	0.00
Spiked Amount 50.000			Recovery = 11.16%			
87) Terphenyl-d14	7.973	244	181653	4.97	ppm	0.00
Spiked Amount 50.000			Recovery = 9.94%			
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.705	88	35070m	4.78	ppm	
3) Pyridine	1.892	79	97756	4.83	ppm	96
4) N-Nitrosodimethylamine	1.871	74	50627	4.90	ppm	99
6) Indene	3.336	116	152011	6.34	ppm	99
7) Cumene	2.785	105	178840	5.48	ppm	99
9) Phenol	3.010	94	108182	5.43	ppm	95
10) Aniline	3.037	93	137897	5.17	ppm	92
11) bis(2-Chloroethyl)ether	3.063	93	89120	5.69	ppm	98
12) 2-Chlorophenol	3.090	128	88071	5.87	ppm	99
13) Decane	3.090	43	131294	6.68	ppm	95
14) 1,3-Dichlorobenzene	3.170	146	95568	5.52	ppm	97
15) 1,4-Dichlorobenzene	3.213	146	95886	5.63	ppm	98
16) Benzyl alcohol	3.272	108	58549	5.22	ppm	92
17) 1,2-Dichlorobenzene	3.293	146	91692	5.57	ppm	99
18) Acetophenone	3.416	105	129950	6.46	ppm	97
19) 2-Methylphenol	3.325	108	83786	5.83	ppm	99
20) 2,2'-oxybis(1-Chloropr...	3.336	121	26606	6.54	ppm	93
21) 3&4-Methylphenol	3.406	108	169448	13.54	ppm	96
22) n-Nitroso-di-n-propyla...	3.406	70	61993	6.50	ppm	89
23) Hexachloroethane	3.470	201	29800	5.34	ppm	95
26) Nitrobenzene	3.513	77	96567	5.55	ppm	97
27) Quinoline	4.090	129	175729	5.64	ppm	99
28) Isophorone	3.636	82	173854	5.65	ppm	98
29) 2-Nitrophenol	3.684	139	44227	5.68	ppm	80
30) 2,4-Dimethylphenol	3.694	107	91736	5.68	ppm	95

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5241.D
Acq On : 15 Feb 2024 01:11 pm
Operator : jackleey
Sample : ic266-5
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 16 09:16:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Benzoic acid	3.727	105	59370	4.06	ppm		96
32) bis(2-Chloroethoxy)met...	3.748	93	109925	5.83	ppm		99
33) 2,4-Dichlorophenol	3.812	162	68951	5.41	ppm		94
34) 2,6-Dichlorophenol	3.930	162	69295	6.19	ppm		98
35) 1,3,5-Trichlorobenzene	3.678	180	76567	6.03	ppm		99
36) 1,2,4-Trichlorobenzene	3.855	180	72329	5.64	ppm		98
37) 1,2,3-Trichlorobenzene	3.978	180	70506	5.64	ppm		99
38) Naphthalene	3.903	128	255932	6.07	ppm		98
39) 4-Chloroaniline	3.930	127	112330	6.39	ppm		97
40) 2,3-Dichloroaniline	4.465	161	81847	5.93	ppm		94
41) Hydroquinone	4.106	110	88412	5.42	ppm		93
42) Hexachlorobutadiene	3.951	225	37170	5.57	ppm		99
43) 4-Chloro-3-methylphenol	4.192	107	78195	5.55	ppm		97
44) 2-Methylnaphthalene	4.288	141	148744	6.00	ppm		100
45) 1-Methylnaphthalene	4.347	141	151248	5.85	ppm		99
47) Hexachlorocyclopentadiene	4.368	237	52866	8.52	ppm		99
48) 1,2,4,5-tetrachloroben...	4.384	216	66757	6.00	ppm		100
49) 2,4,6-Trichlorophenol	4.454	196	45725	6.10	ppm		98
50) 2,4,5-Trichlorophenol	4.481	196	49331	5.51	ppm		99
52) 2-Chloronaphthalene	4.593	162	153629	6.09	ppm		99
53) Biphenyl	4.572	154	202481	6.31	ppm		98
54) 2-Nitroaniline	4.663	65	55979	5.57	ppm		94
55) Dimethylphthalate	4.770	163	175011	5.82	ppm		99
56) Acenaphthylene	4.871	152	237201	5.89	ppm		100
57) 2,6-Dinitrotoluene	4.823	165	34102	4.84	ppm		96
58) 3-Nitroaniline	4.946	138	46712	5.24	ppm		89
59) Acenaphthene	4.994	153	161238	6.18	ppm		98
60) 2,4-Dinitrophenol	5.026	184	28105	6.69	ppm	#	71
61) 4-Nitrophenol	5.069	109	22037	4.54	ppm		95
62) Dibenzofuran	5.123	168	217872	6.45	ppm		96
63) 2,4-Dinitrotoluene	5.117	165	49125	5.73	ppm		91
64) 2,3,4,6-Tetrachlorophenol	5.213	232	37172	5.43	ppm		97
65) Diethylphthalate	5.288	149	178799	5.73	ppm		99
66) Fluorene	5.395	166	173435	6.49	ppm		99
67) 4-Chlorophenyl-phenyle...	5.390	204	74760	6.46	ppm		97
68) 4-Nitroaniline	5.422	138	43600	4.94	ppm		98
70) 4,6-Dinitro-2-methylph...	5.443	198	20404	3.76	ppm	#	61
71) n-Nitrosodiphenylamine	5.492	169	149948	5.96	ppm		99
72) 1,2-Diphenylhydrazine	5.524	77	193657	5.83	ppm		99
73) pentachloronitrobenzene	6.053	295	7314	5.67	ppm		98
75) 4-Bromophenyl-phenylether	5.813	248	40654	5.55	ppm		98
76) Hexachlorobenzene	5.855	284	47423	5.78	ppm		97
77) Pentachlorophenol	6.048	266	49421	10.74	ppm		97
78) Phenanthrene	6.262	178	247828	5.96	ppm		97
79) Anthracene	6.315	178	251897	5.86	ppm		99
80) Carbazole	6.486	167	237378	5.59	ppm		99
81) Di-n-butylphthalate	6.850	149	282712	5.27	ppm		99
82) Fluoranthene	7.519	202	250730	5.69	ppm		98
83) Octadecane	6.112	57	166634	5.89	ppm		99
85) benzidine	7.706	184	147455	4.16	ppm		99
86) Pyrene	7.770	202	267544	5.06	ppm		99
88) Butylbenzylphthalate	8.572	149	116727	4.18	ppm		91
89) Benzo[a]anthracene	9.177	228	220585	5.32	ppm		99
90) 3,3'-Dichlorobenzidine	9.182	252	78142	5.25	ppm		99
91) Chrysene	9.220	228	238003	5.54	ppm		98
92) bis(2-Ethylhexyl)phtha...	9.268	149	166443	4.34	ppm		99
94) Di-n-octylphthalate	10.027	149	271160	4.40	ppm		99

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5241.D
Acq On : 15 Feb 2024 01:11 pm
Operator : jackleey
Sample : ic266-5
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 16 09:16:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

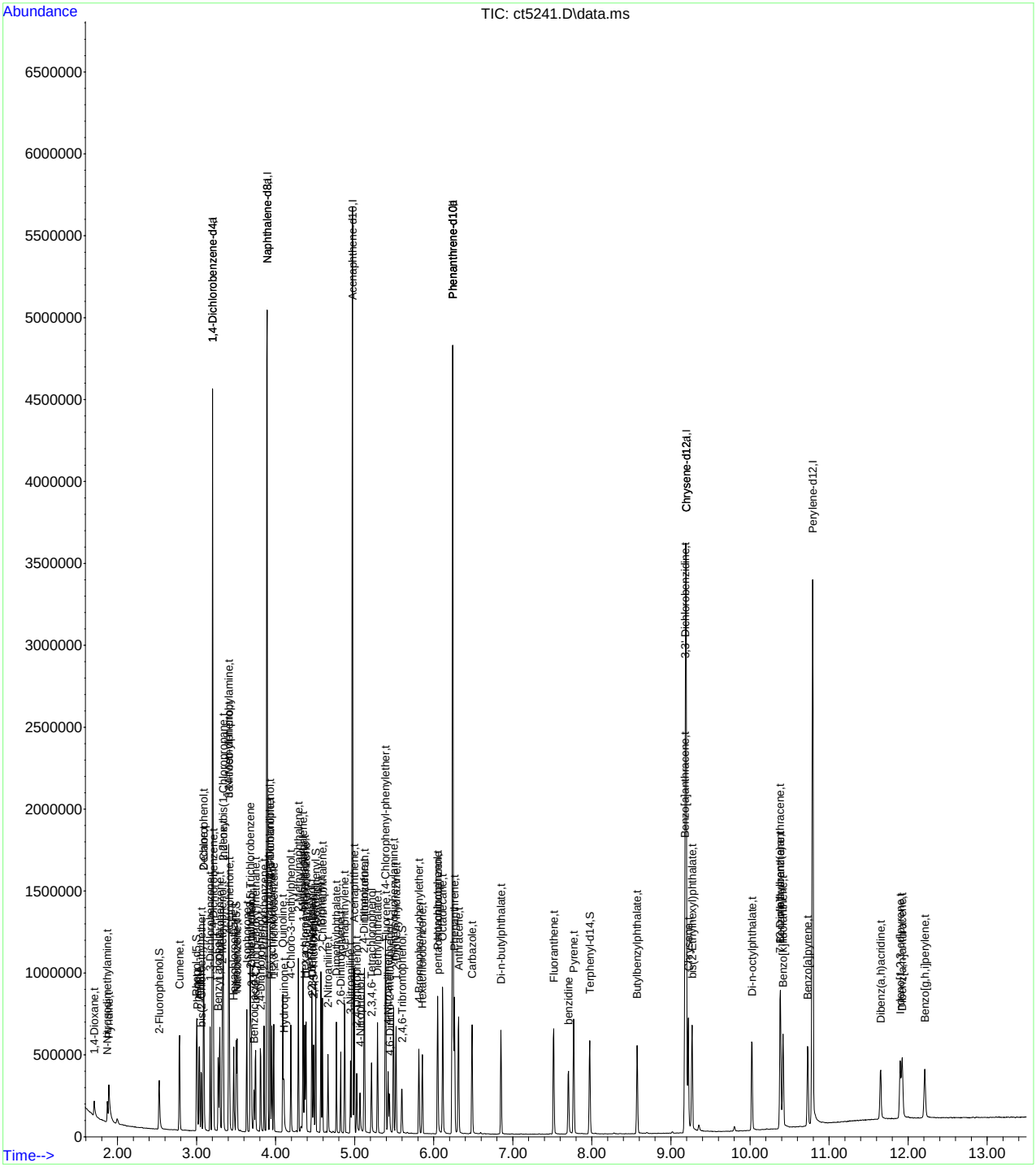
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.386	252	216726	5.66	ppm	97
96) Benzo[k]fluoranthene	10.418	252	228234	5.91	ppm	100
97) Benzo[a]pyrene	10.728	252	185458	5.10	ppm	97
98) Indeno[1,2,3-cd]pyrene	11.899	276	211569	4.67	ppm	100
99) Dibenz(a,h)acridine	11.653	279	142998	4.51	ppm	100
100) Dibenz[a,h]anthracene	11.926	278	173361	4.75	ppm	99
101) 7,12-Dimethylbenz(a)an...	10.380	256	94527	5.76	ppm	96
102) Benzo[g,h,i]perylene	12.210	276	161928	4.56	ppm	99

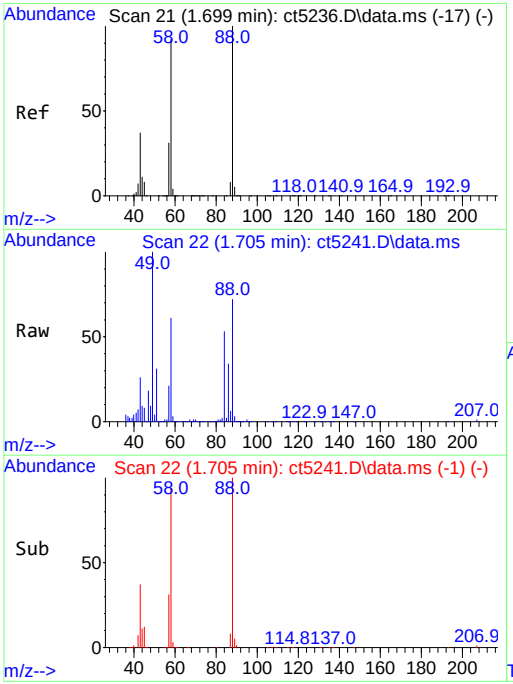
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5241.D
Acq On : 15 Feb 2024 01:11 pm
Operator : jackleey
Sample : ic266-5
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 16 09:16:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

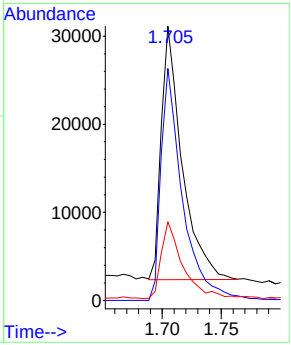


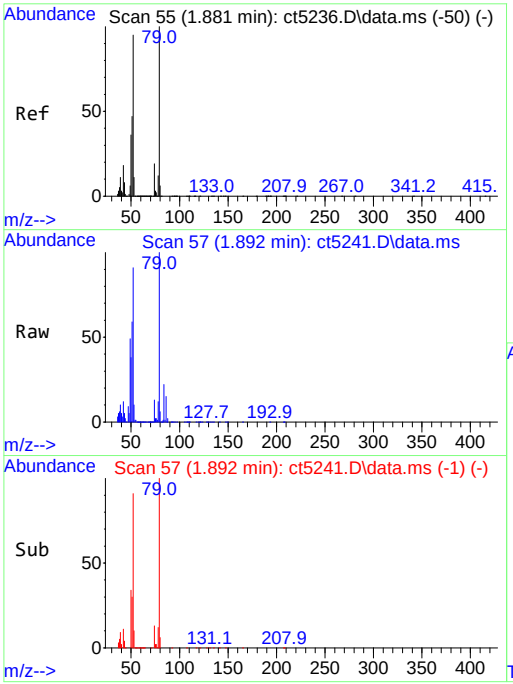


#2
1,4-Dioxane
Concen: 4.78 ppm m
RT: 1.705 min Scan# 22
Delta R.T. 0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 88 Resp: 35070

Ion	Ratio	Lower	Upper
88	100		
58	84.6	61.7	121.7
57	28.7	1.2	61.2

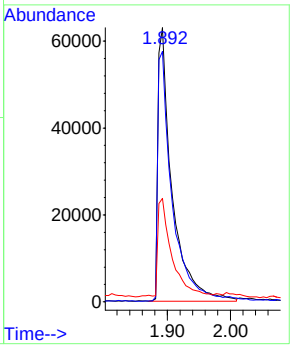


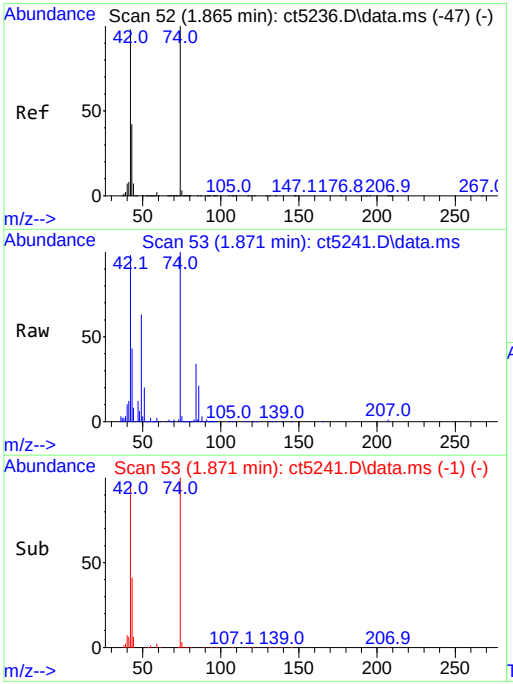


#3
Pyridine
Concen: 4.83 ppm
RT: 1.892 min Scan# 57
Delta R.T. 0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 79 Resp: 97756

Ion	Ratio	Lower	Upper
79	100		
52	91.0	65.5	125.5
50	35.4	5.9	65.9

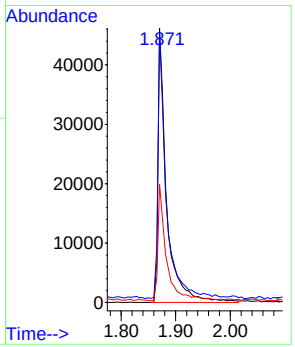


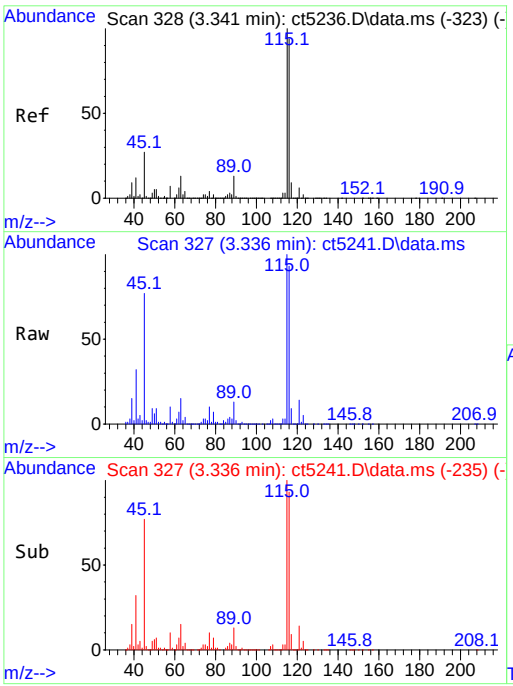


#4
N-Nitrosodimethylamine
Concen: 4.90 ppm
RT: 1.871 min Scan# 53
Delta R.T. 0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 74 Resp: 50627

Ion	Ratio	Lower	Upper
74	100		
42	96.8	68.1	128.1
43	42.3	12.5	72.5

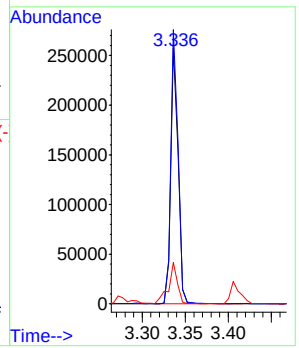


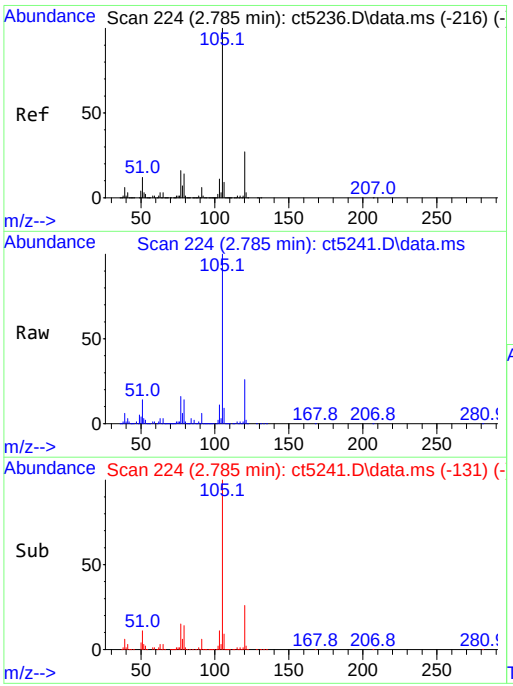


#6
Indene
Concen: 6.34 ppm
RT: 3.336 min Scan# 327
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:116 Resp: 152011

Ion	Ratio	Lower	Upper
116	100		
115	107.1	76.2	136.2
63	14.4	0.0	44.0

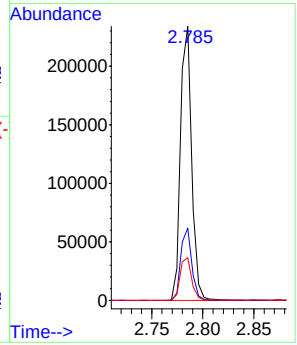


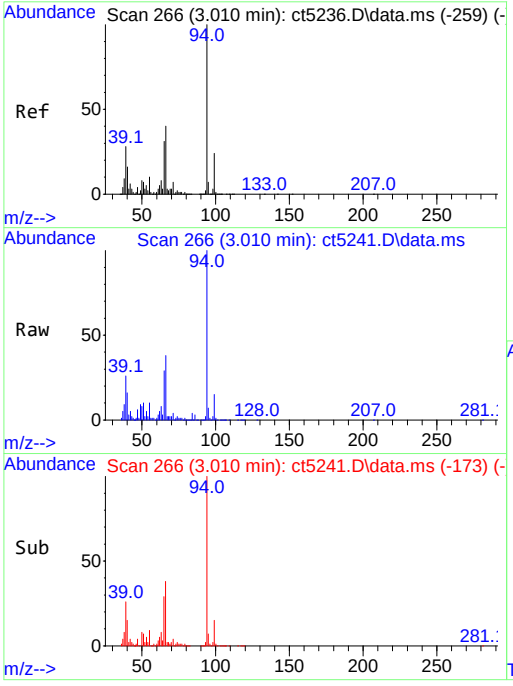


#7
Cumene
Concen: 5.48 ppm
RT: 2.785 min Scan# 224
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:105 Resp: 178840

Ion	Ratio	Lower	Upper
105	100		
120	26.5	0.0	57.0
77	15.5	0.0	45.8

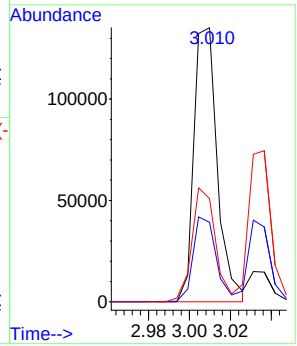


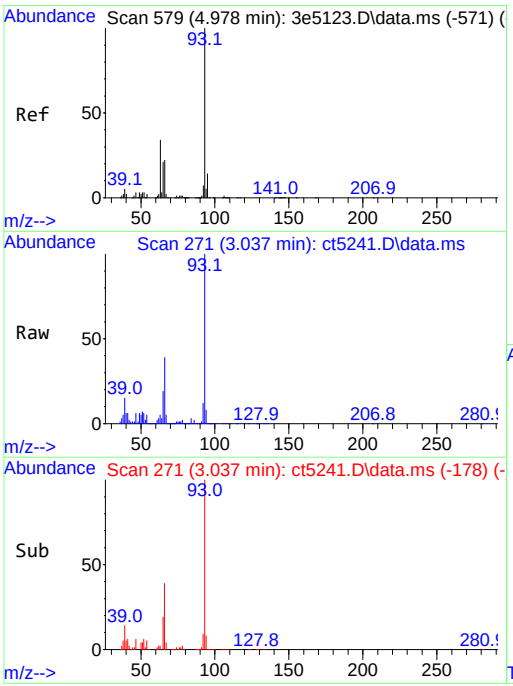


#9
Phenol
Concen: 5.43 ppm
RT: 3.010 min Scan# 266
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 94 Resp: 108182

Ion	Ratio	Lower	Upper
94	100		
65	27.5	0.0	59.7
66	35.1	8.2	68.2

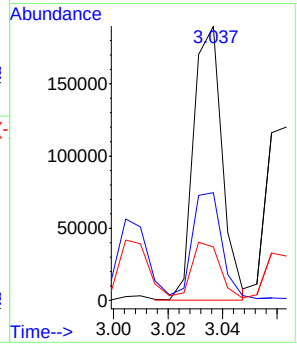


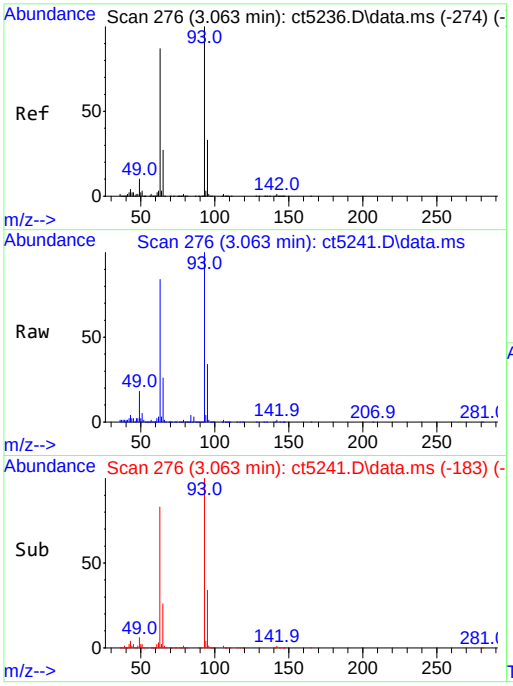


#10
Aniline
Concen: 5.17 ppm
RT: 3.037 min Scan# 271
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 93 Resp: 137897

Ion	Ratio	Lower	Upper
93	100		
66	35.6	10.4	70.4
65	16.3	0.0	50.8

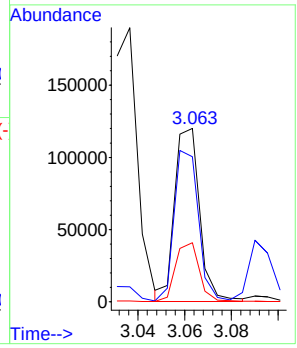


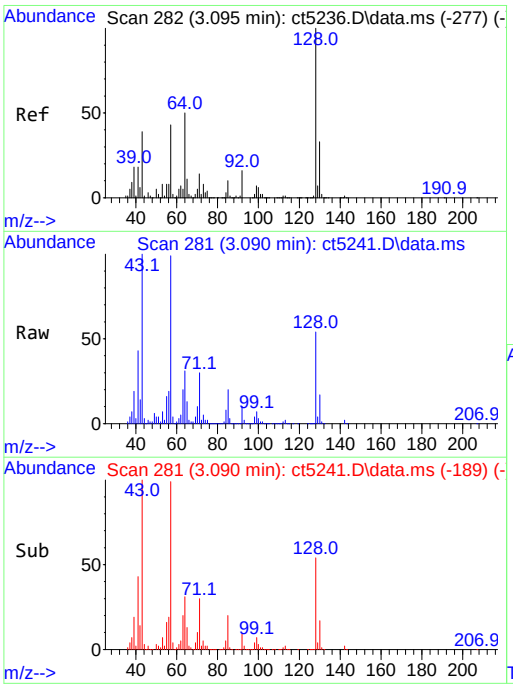


#11
bis(2-Chloroethyl)ether
Concen: 5.69 ppm
RT: 3.063 min Scan# 276
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 93 Resp: 89120

Ion	Ratio	Lower	Upper
93	100		
63	84.3	55.8	115.8
95	35.3	2.8	62.8

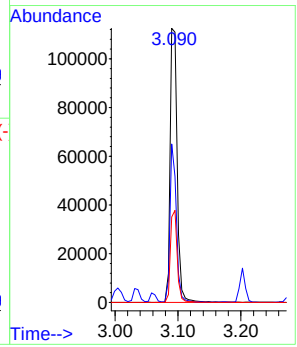


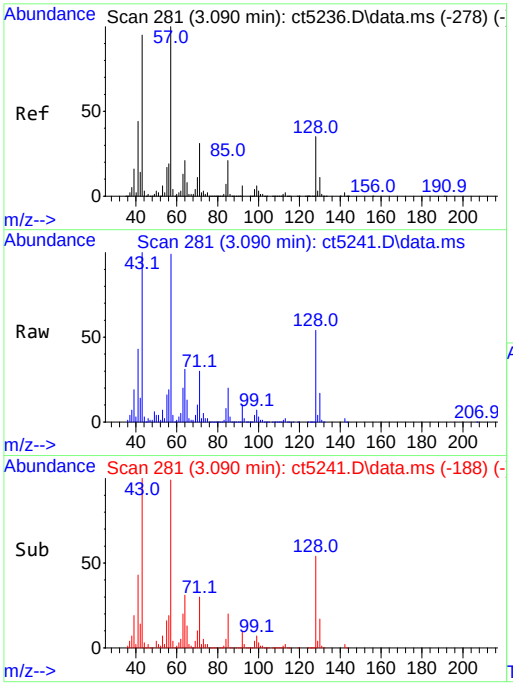


#12
2-Chlorophenol
Concen: 5.87 ppm
RT: 3.090 min Scan# 281
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:128 Resp: 88071

Ion	Ratio	Lower	Upper
128	100		
64	50.2	20.1	80.1
130	31.1	3.0	63.0

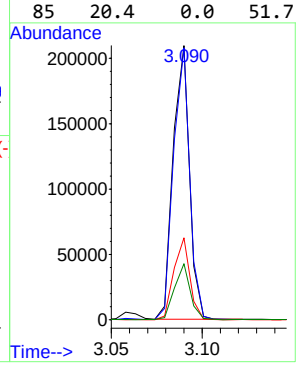


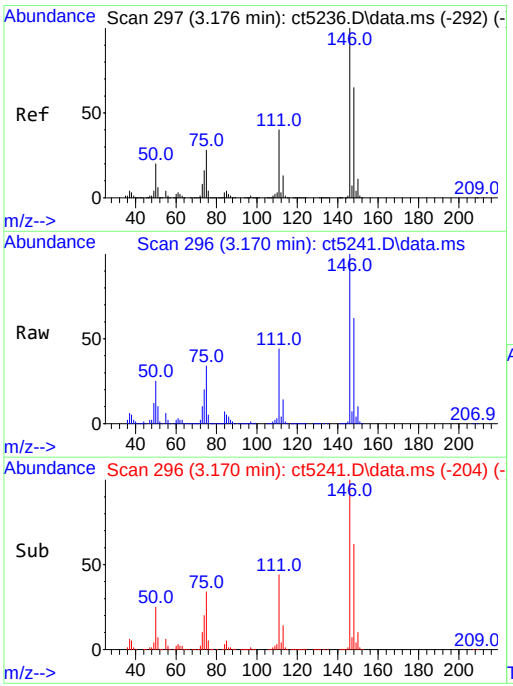


#13
Decane
Concen: 6.68 ppm
RT: 3.090 min Scan# 281
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 43 Resp: 131294

Ion	Ratio	Lower	Upper
43	100		
57	99.2	74.9	134.9
71	29.9	2.5	62.5
85	20.4	0.0	51.7

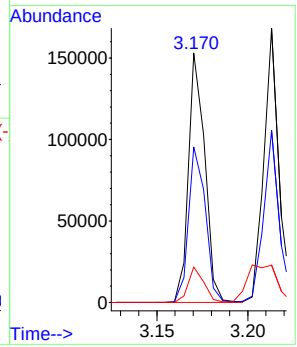


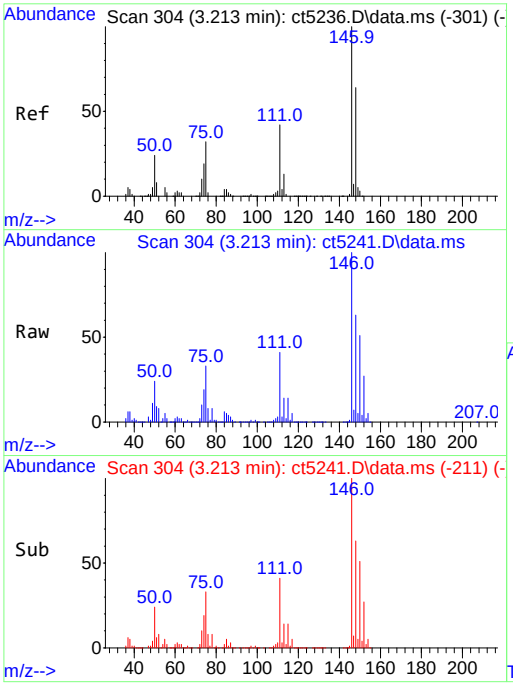


#14
1,3-Dichlorobenzene
Concen: 5.52 ppm
RT: 3.170 min Scan# 296
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:146 Resp: 95568

Ion	Ratio	Lower	Upper
146	100		
148	62.2	34.7	94.7
113	12.0	0.0	42.9

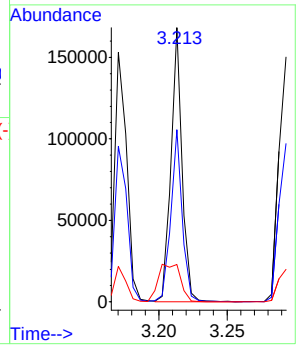


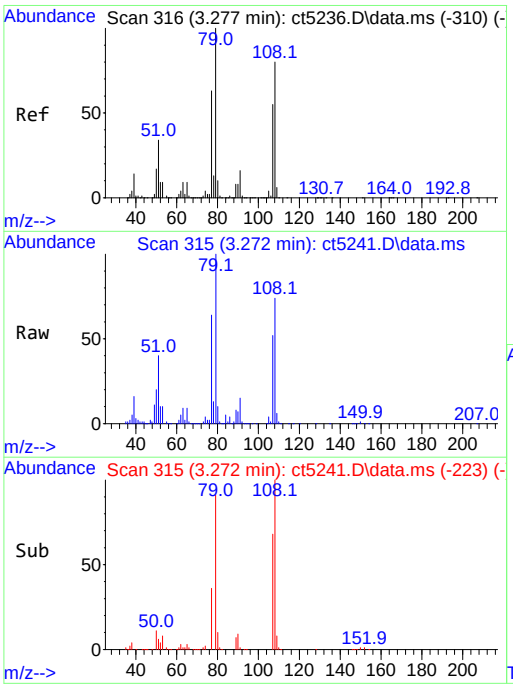


#15
1,4-Dichlorobenzene
Concen: 5.63 ppm
RT: 3.213 min Scan# 304
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:146 Resp: 95886

Ion	Ratio	Lower	Upper
146	100		
148	62.6	34.0	94.0
113	11.6	0.0	43.5

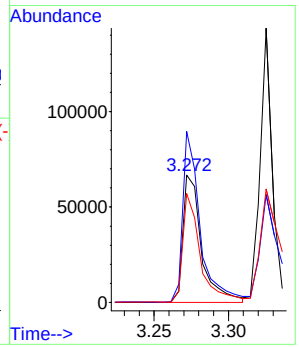


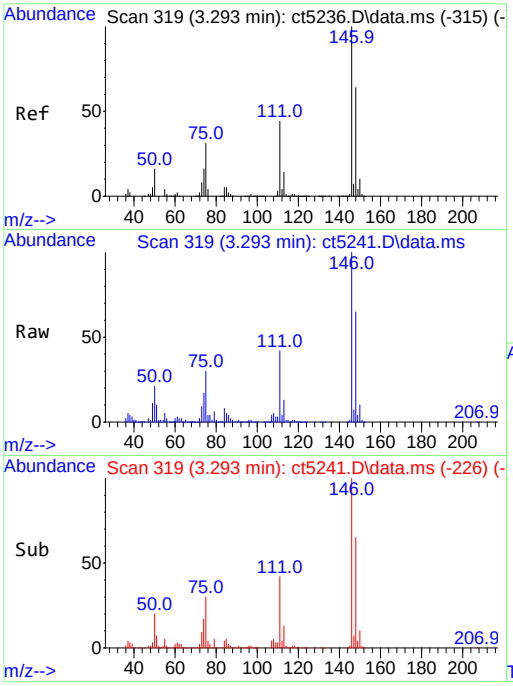


#16
Benzyl alcohol
Concen: 5.22 ppm
RT: 3.272 min Scan# 315
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:108 Resp: 58549

Ion	Ratio	Lower	Upper
108	100		
79	134.4	95.0	155.0
77	85.4	49.3	109.3

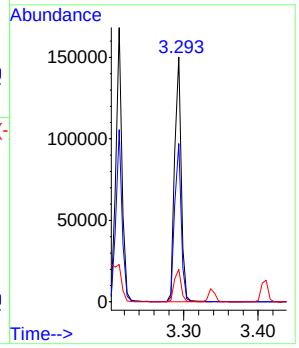


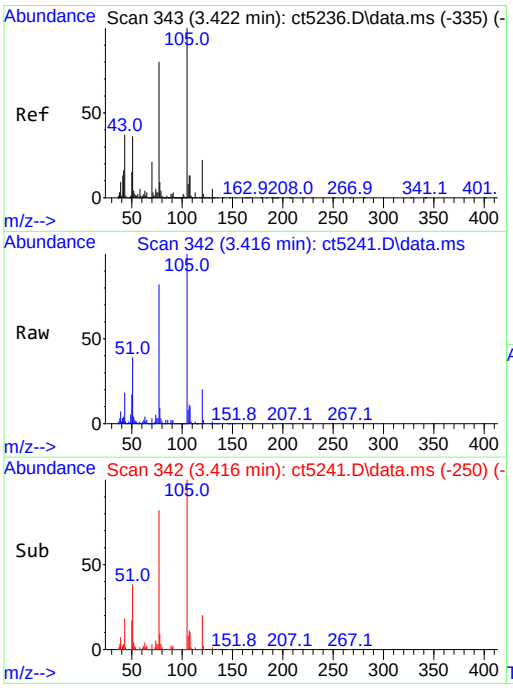


#17
1,2-Dichlorobenzene
Concen: 5.57 ppm
RT: 3.293 min Scan# 319
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:146 Resp: 91692

Ion	Ratio	Lower	Upper
146	100		
148	64.7	34.2	94.2
113	13.3	0.0	44.1

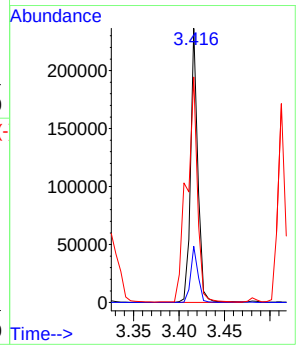


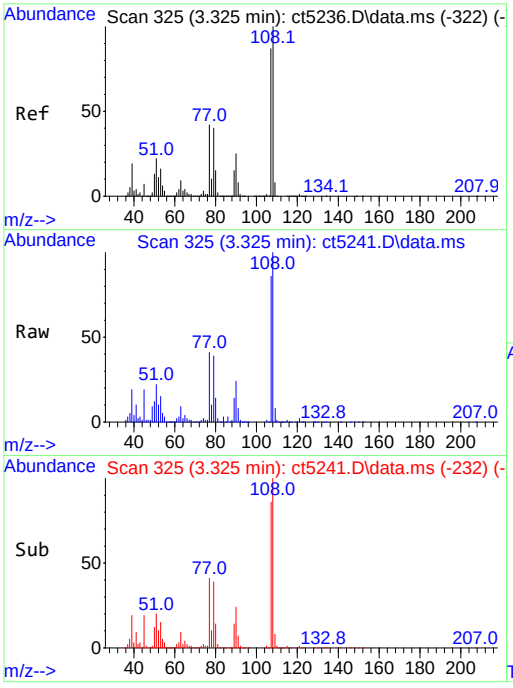


#18
Acetophenone
Concen: 6.46 ppm
RT: 3.416 min Scan# 342
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:105 Resp: 129950

Ion	Ratio	Lower	Upper
105	100		
120	20.4	0.0	51.5
77	82.1	49.8	109.8

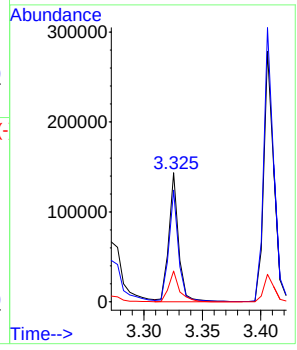


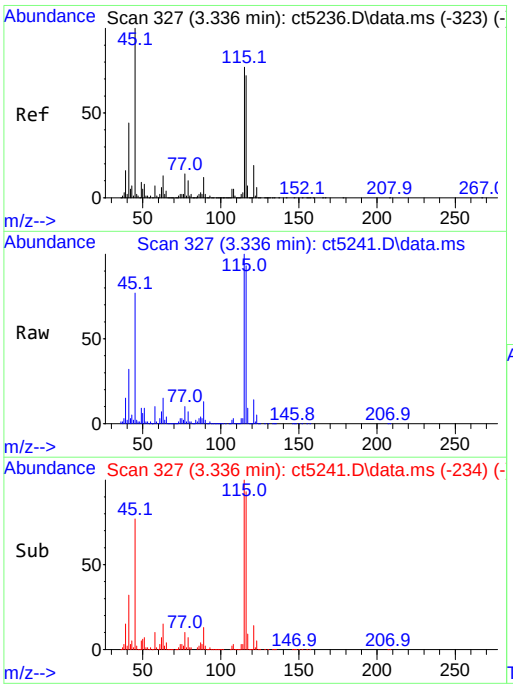


#19
2-Methylphenol
Concen: 5.83 ppm
RT: 3.325 min Scan# 325
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:108 Resp: 83786

Ion	Ratio	Lower	Upper
108	100		
107	86.6	57.1	117.1
90	24.0	0.0	54.8

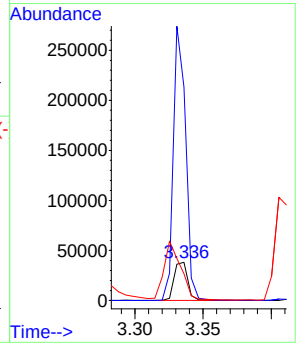


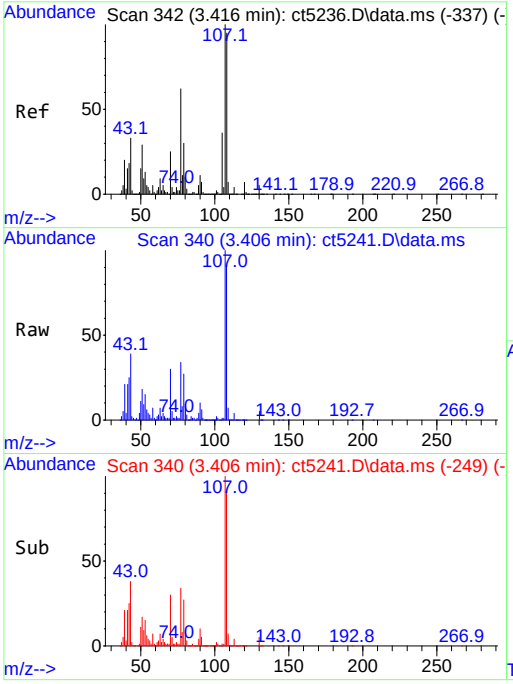


#20
2,2'-oxybis(1-Chloropropane
Concen: 6.54 ppm
RT: 3.336 min Scan# 327
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:121 Resp: 26606

Ion	Ratio	Lower	Upper
121	100		
45	557.8	508.3	568.3
77	66.4	44.5	104.5

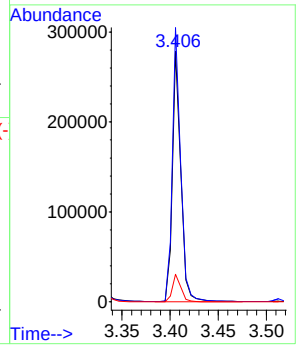


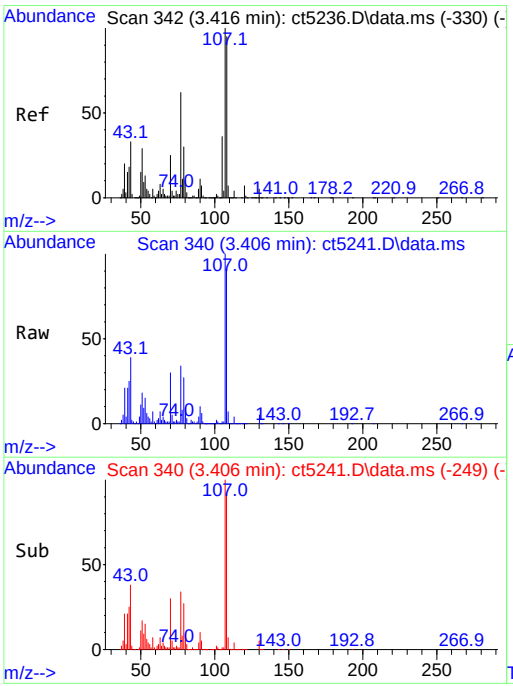


#21
3&4-Methylphenol
Concen: 13.54 ppm
RT: 3.406 min Scan# 340
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:108 Resp: 169448

Ion	Ratio	Lower	Upper
108	100		
107	109.5	74.9	134.9
90	11.1	0.0	41.4

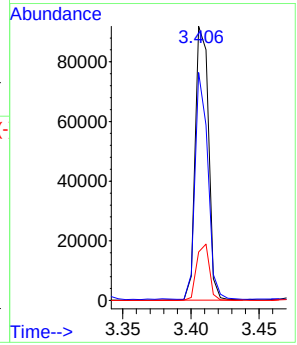


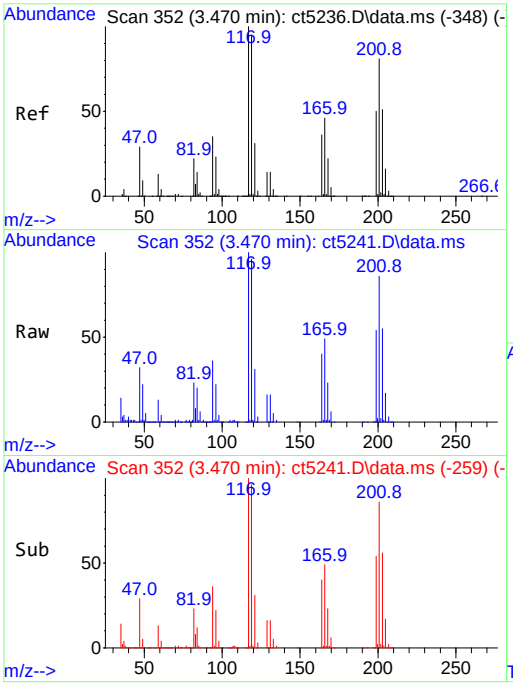


#22
n-Nitroso-di-n-propylamine
Concen: 6.50 ppm
RT: 3.406 min Scan# 340
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 70 Resp: 61993

Ion	Ratio	Lower	Upper
70	100		
42	82.8	42.3	102.3
130	17.6	0.0	50.5

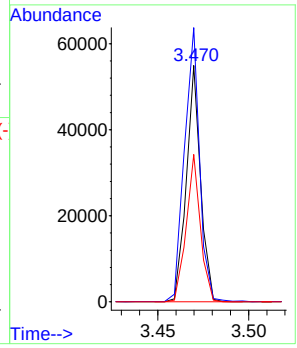


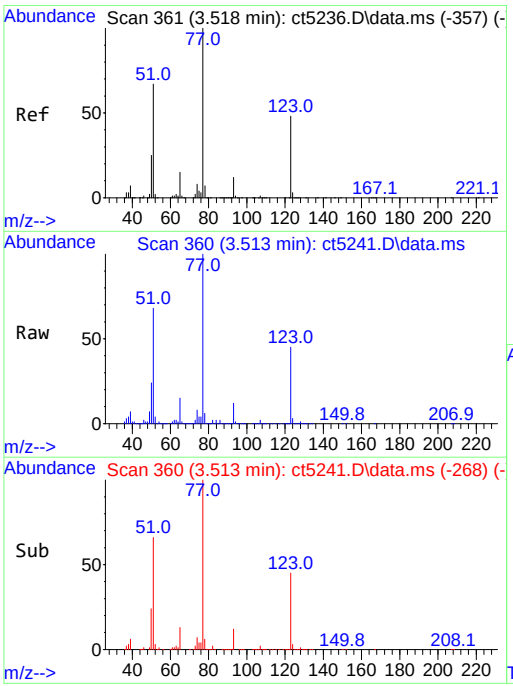


#23
Hexachloroethane
Concen: 5.34 ppm
RT: 3.470 min Scan# 352
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:201 Resp: 29800

Ion	Ratio	Lower	Upper
201	100		
117	115.8	93.9	153.9
199	62.4	32.2	92.2

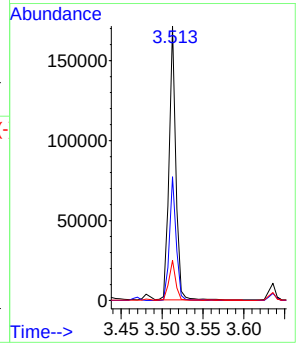


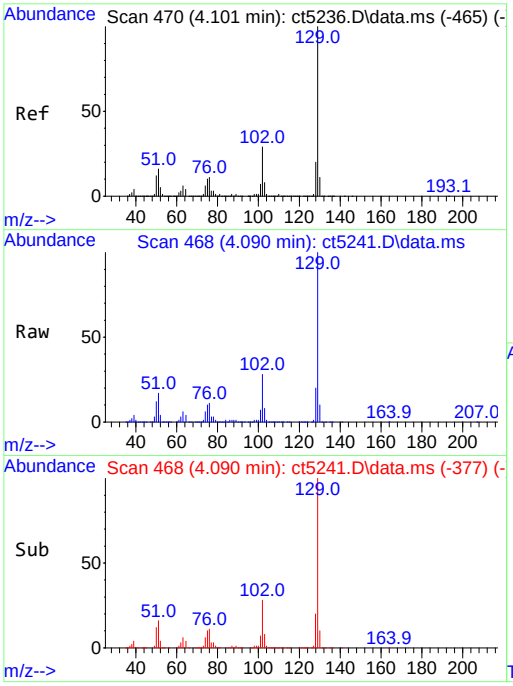


#26
Nitrobenzene
Concen: 5.55 ppm
RT: 3.513 min Scan# 360
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 77 Resp: 96567

Ion	Ratio	Lower	Upper
77	100		
123	45.2	18.0	78.0
65	14.6	0.0	44.7

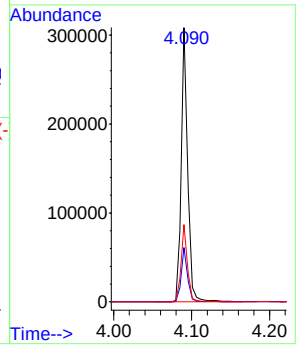


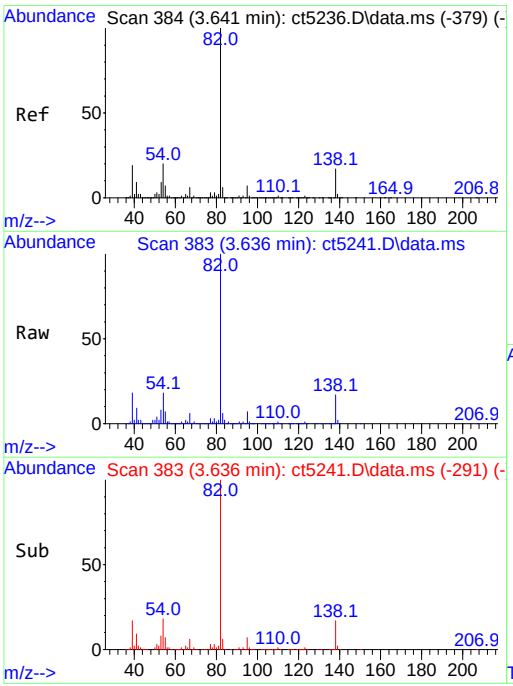


#27
Quinoline
Concen: 5.64 ppm
RT: 4.090 min Scan# 468
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:129 Resp: 175729

Ion	Ratio	Lower	Upper
129	100		
128	19.8	0.0	49.7
102	28.1	0.0	58.7

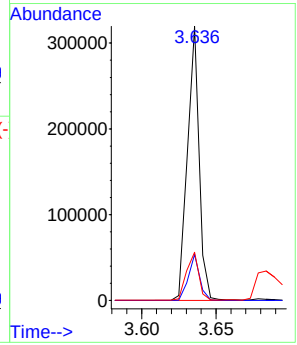


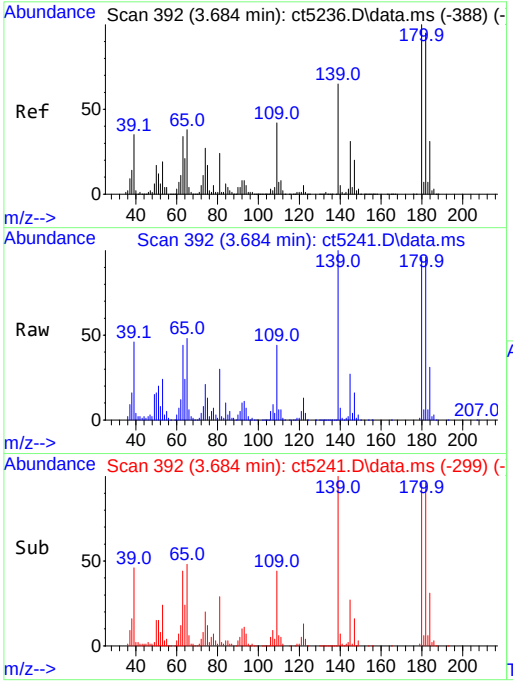


#28
Isophorone
Concen: 5.65 ppm
RT: 3.636 min Scan# 383
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 82 Resp: 173854

Ion	Ratio	Lower	Upper
82	100		
138	16.8	0.0	47.0
39	17.5	0.0	49.1

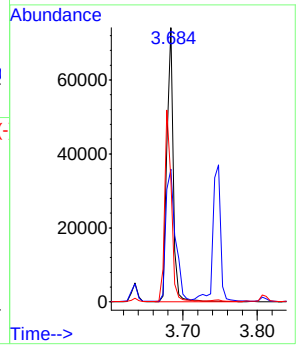


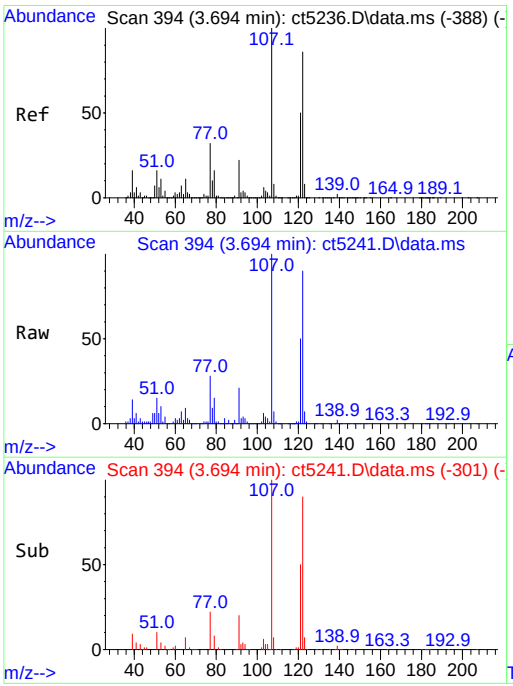


#29
2-Nitrophenol
Concen: 5.68 ppm
RT: 3.684 min Scan# 392
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:139 Resp: 44227

Ion	Ratio	Lower	Upper
139	100		
65	48.0	28.1	88.1
109	44.2	35.1	95.1

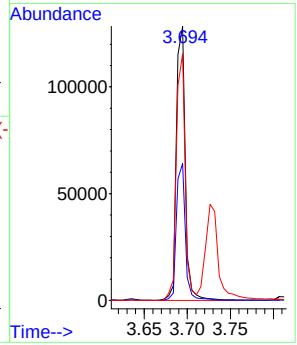


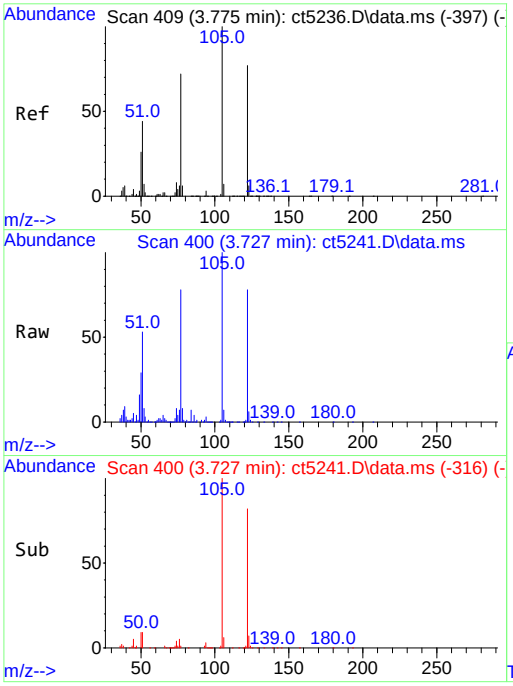


#30
2,4-Dimethylphenol
Concen: 5.68 ppm
RT: 3.694 min Scan# 394
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:107 Resp: 91736

Ion	Ratio	Lower	Upper
107	100		
121	49.9	19.9	79.9
122	89.4	51.6	111.6

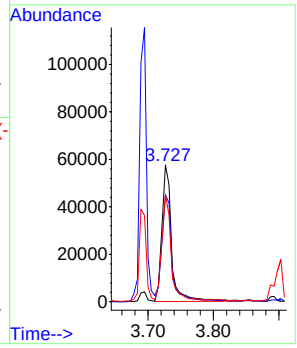


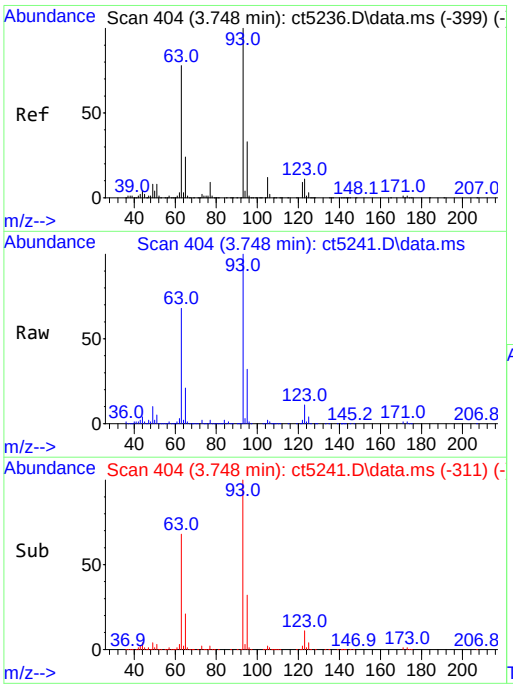


#31
Benzoic acid
Concen: 4.06 ppm
RT: 3.727 min Scan# 400
Delta R.T. -0.048 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:105 Resp: 59370

Ion	Ratio	Lower	Upper
105	100		
122	75.7	48.8	108.8
77	77.6	43.0	103.0

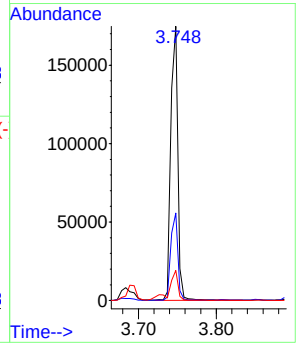


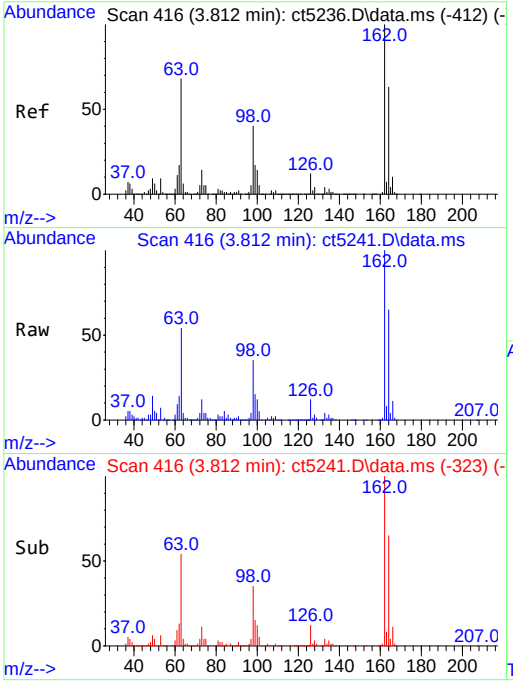


#32
bis(2-Chloroethoxy)methane
Concen: 5.83 ppm
RT: 3.748 min Scan# 404
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 93 Resp: 109925

Ion	Ratio	Lower	Upper
93	100		
95	31.8	2.7	62.7
123	10.3	0.0	40.7

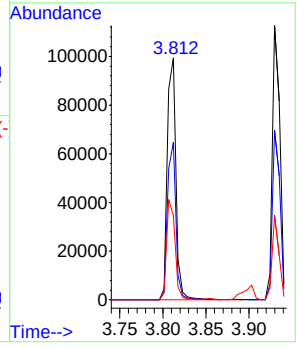


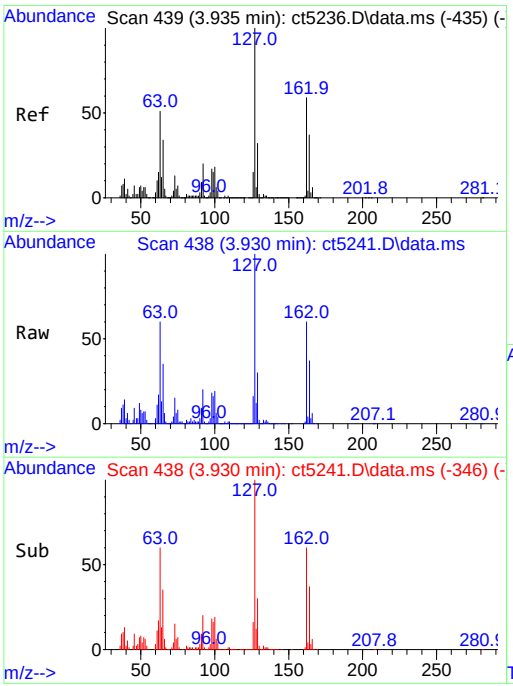


#33
2,4-Dichlorophenol
Concen: 5.41 ppm
RT: 3.812 min Scan# 416
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:162 Resp: 68951

Ion	Ratio	Lower	Upper
162	100		
164	65.1	33.4	93.4
98	33.4	10.2	70.2

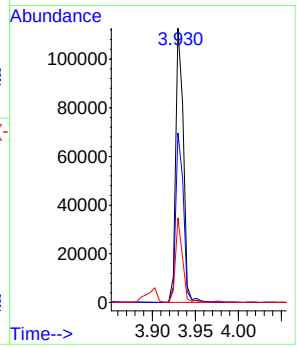


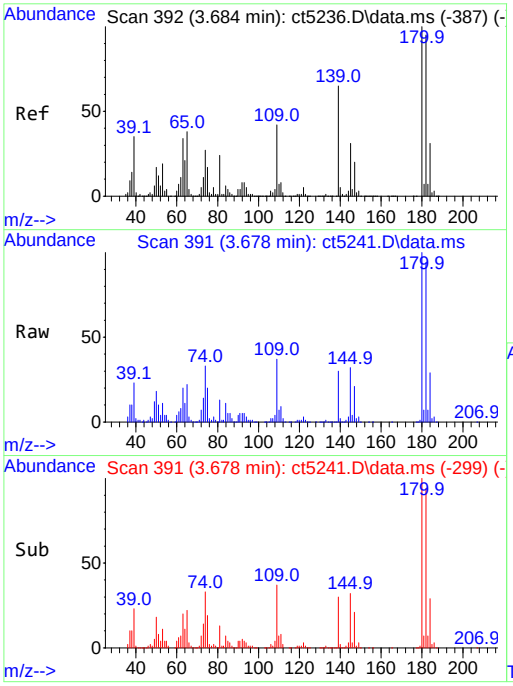


#34
2,6-Dichlorophenol
Concen: 6.19 ppm
RT: 3.930 min Scan# 438
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:162 Resp: 69295

Ion	Ratio	Lower	Upper
162	100		
164	61.8	33.8	93.8
98	28.0	0.0	58.3

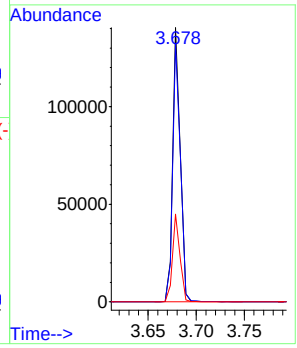


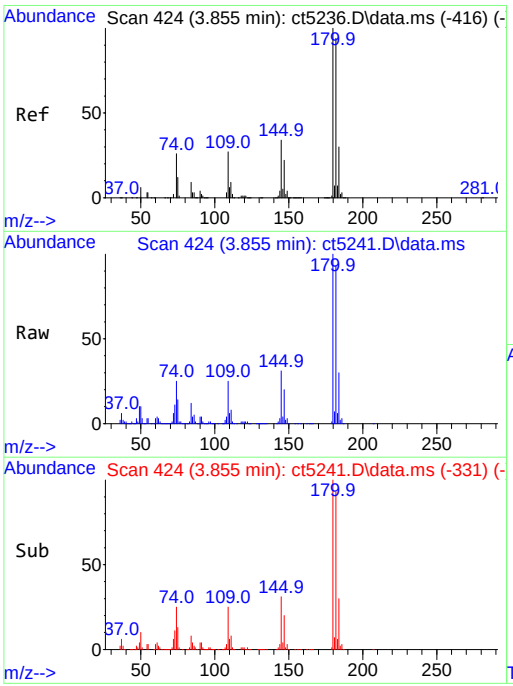


#35
1,3,5-Trichlorobenzene
Concen: 6.03 ppm
RT: 3.678 min Scan# 391
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:180 Resp: 76567

Ion	Ratio	Lower	Upper
180	100		
182	94.1	64.6	124.6
145	32.0	0.9	60.9

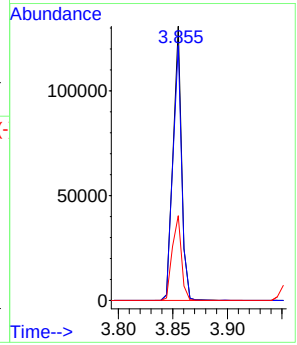


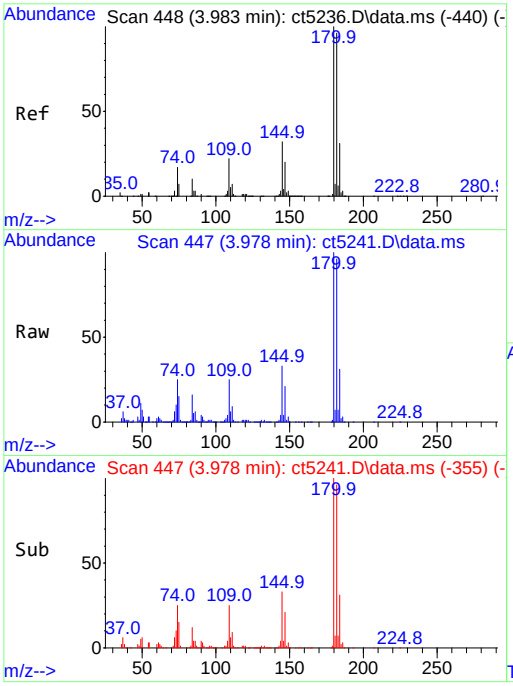


#36
1,2,4-Trichlorobenzene
Concen: 5.64 ppm
RT: 3.855 min Scan# 424
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:180 Resp: 72329

Ion	Ratio	Lower	Upper
180	100		
182	92.9	63.6	123.6
145	30.9	4.3	64.3

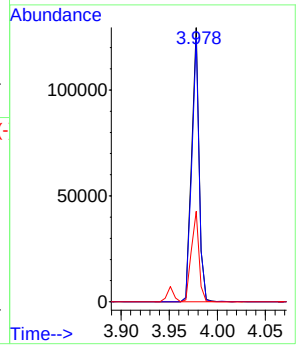


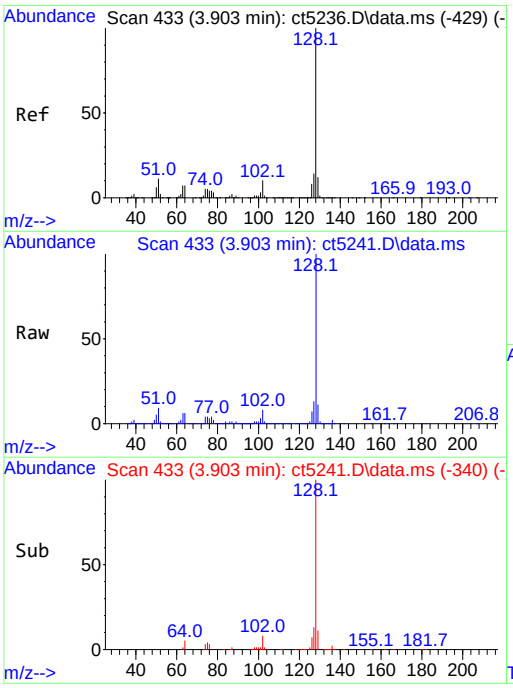


#37
1,2,3-Trichlorobenzene
Concen: 5.64 ppm
RT: 3.978 min Scan# 447
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:180 Resp: 70506

Ion	Ratio	Lower	Upper
180	100		
182	96.4	65.9	125.9
145	32.9	2.0	62.0

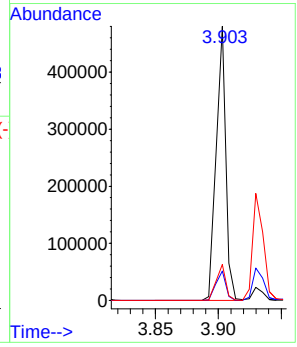


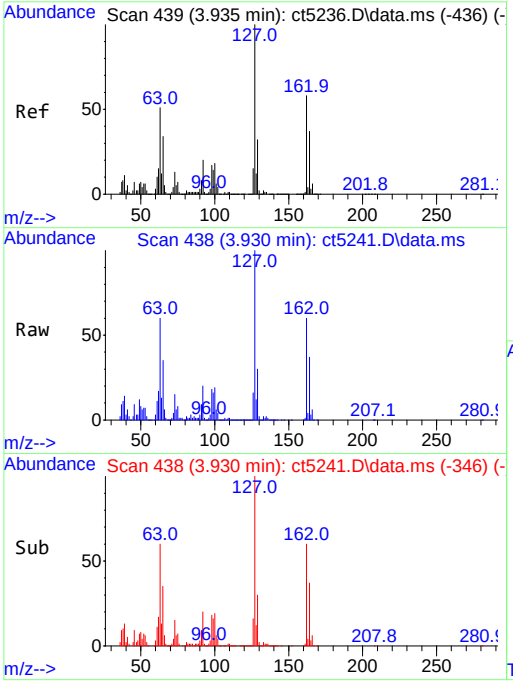


#38
Naphthalene
Concen: 6.07 ppm
RT: 3.903 min Scan# 433
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:128 Resp: 255932

Ion	Ratio	Lower	Upper
128	100		
129	10.7	0.0	41.7
127	13.1	0.0	43.6

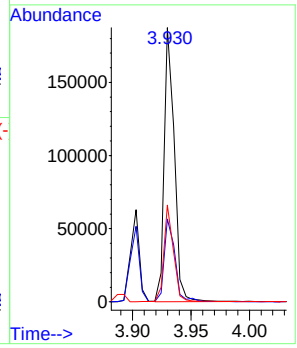


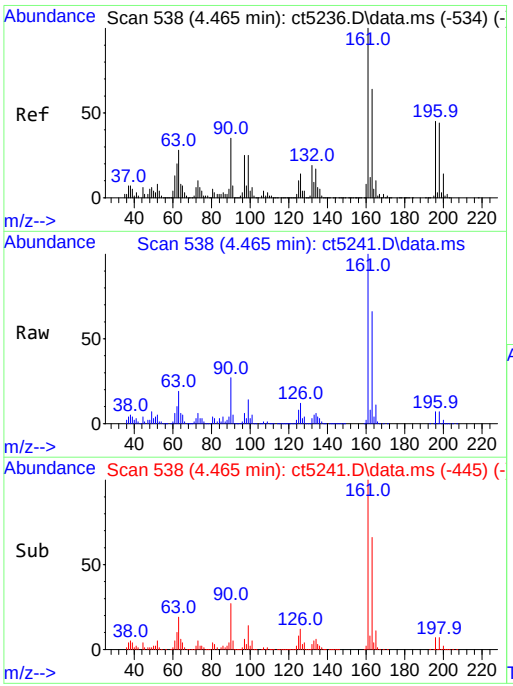


#39
4-Chloroaniline
Concen: 6.39 ppm
RT: 3.930 min Scan# 438
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:127 Resp: 112330

Ion	Ratio	Lower	Upper
127	100		
129	30.2	2.2	62.2
65	35.2	4.0	64.0

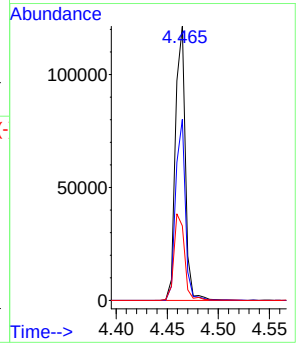


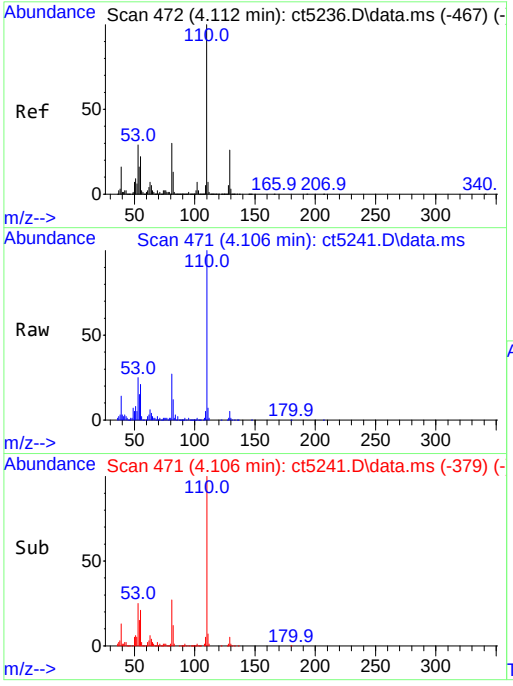


#40
2,3-Dichloroaniline
Concen: 5.93 ppm
RT: 4.465 min Scan# 538
Delta R.T. 0.000 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:161 Resp: 81847

Ion	Ratio	Lower	Upper
161	100		
163	65.9	34.3	94.3
90	27.2	5.3	65.3

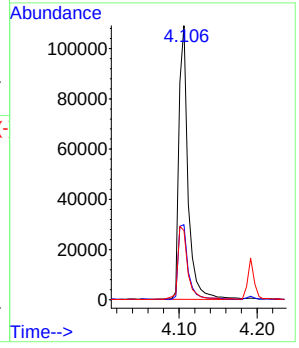


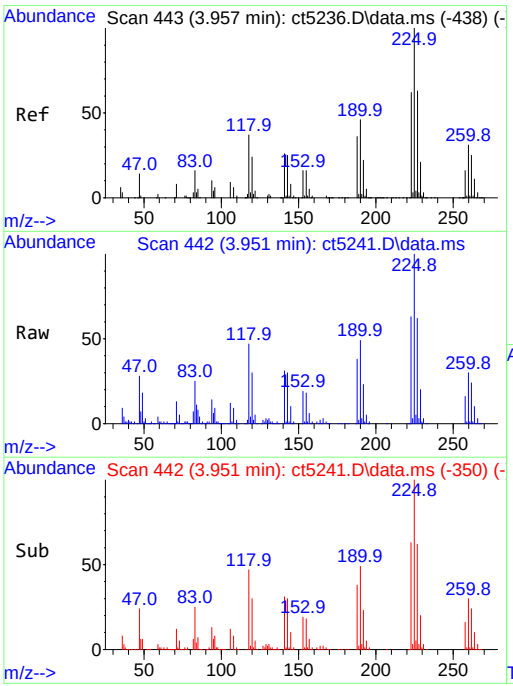


#41
Hydroquinone
Concen: 5.42 ppm
RT: 4.106 min Scan# 471
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:110 Resp: 88412

Ion	Ratio	Lower	Upper
110	100		
81	27.3	0.1	60.1
53	25.0	0.0	59.2

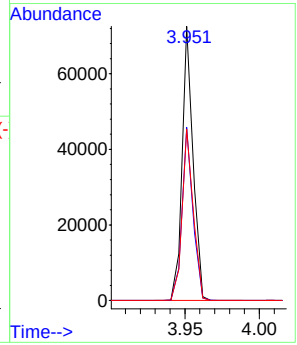


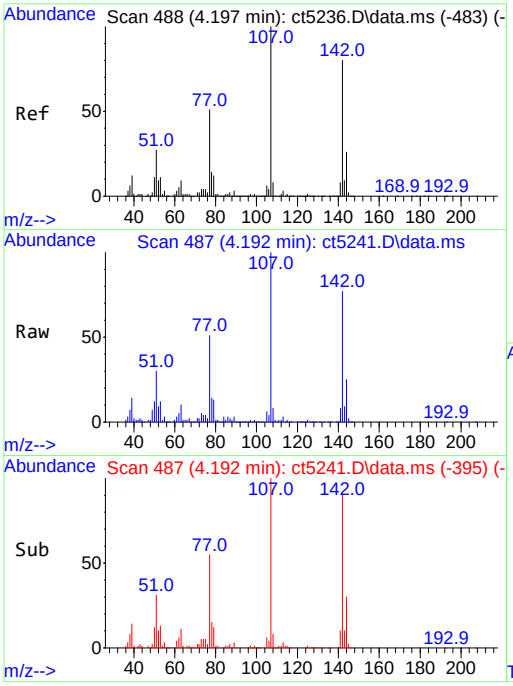


#42
Hexachlorobutadiene
Concen: 5.57 ppm
RT: 3.951 min Scan# 442
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:225 Resp: 37170

Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.1	92.1
227	62.5	33.3	93.3

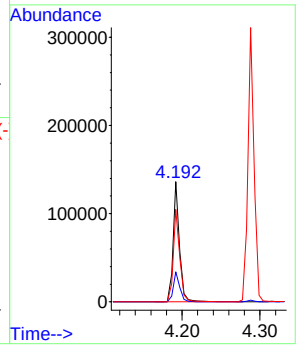


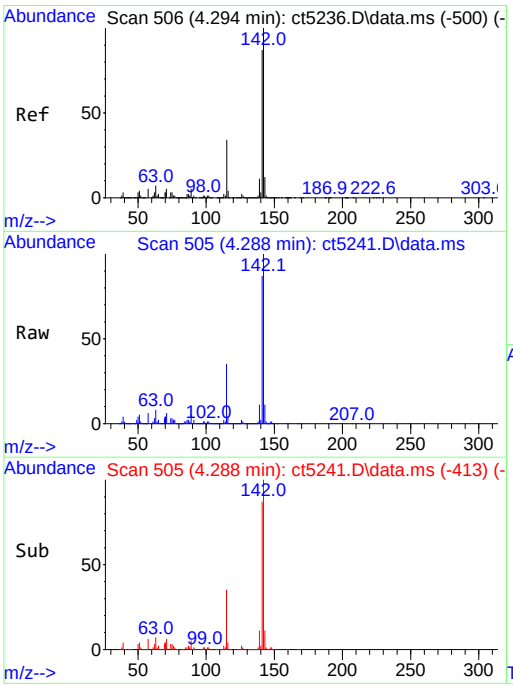


#43
4-Chloro-3-methylphenol
Concen: 5.55 ppm
RT: 4.192 min Scan# 487
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:107 Resp: 78195

Ion	Ratio	Lower	Upper
107	100		
144	25.1	0.0	55.9
142	76.2	43.8	103.8

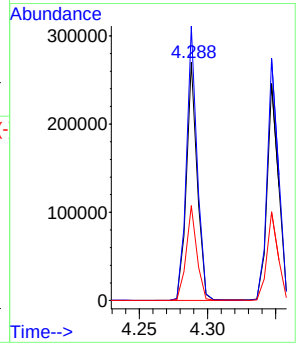


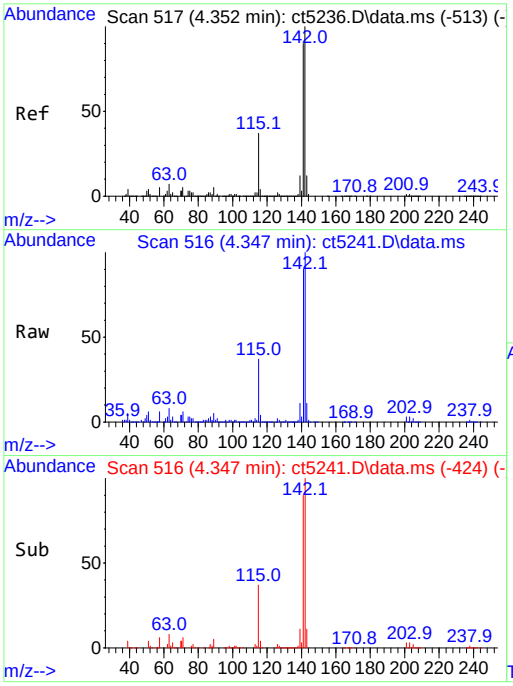


#44
2-Methylnaphthalene
Concen: 6.00 ppm
RT: 4.288 min Scan# 505
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:141 Resp: 148744

Ion	Ratio	Lower	Upper
141	100		
142	115.2	85.2	145.2
115	39.7	9.7	69.7

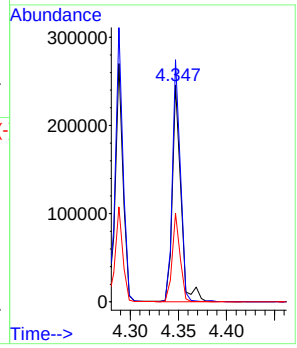


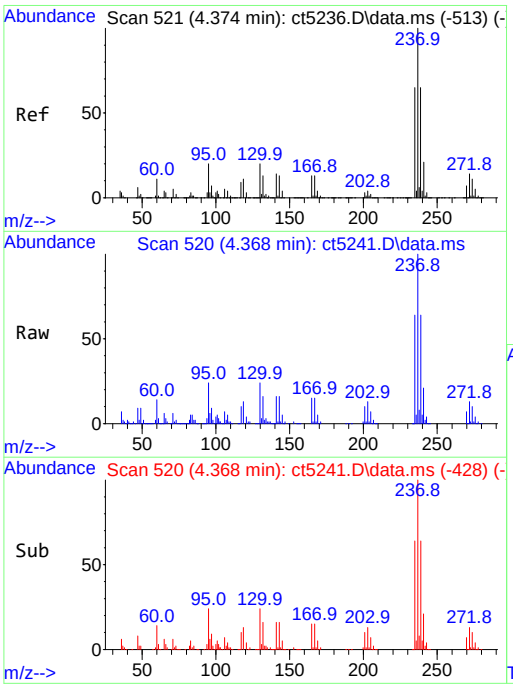


#45
1-Methylnaphthalene
Concen: 5.85 ppm
RT: 4.347 min Scan# 516
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:141 Resp: 151248

Ion	Ratio	Lower	Upper
141	100		
142	111.7	80.8	140.8
115	40.7	10.8	70.8

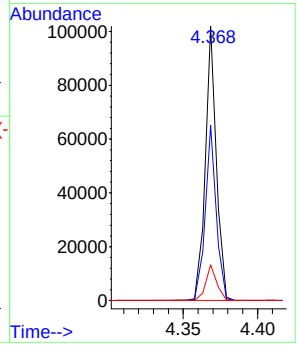


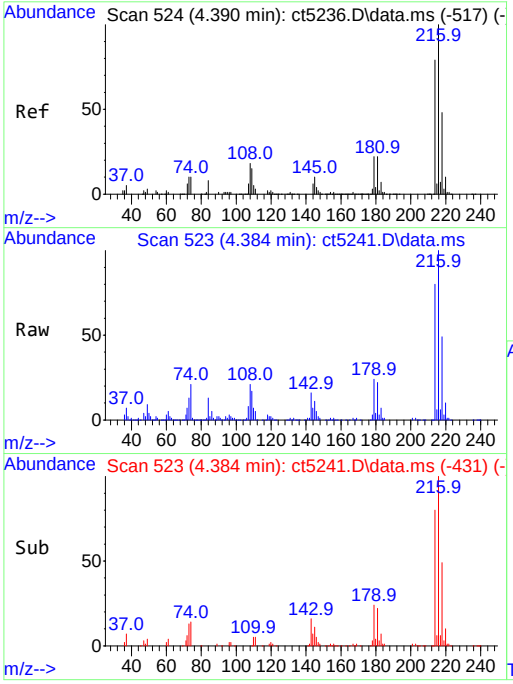


#47
Hexachlorocyclopentadiene
Concen: 8.52 ppm
RT: 4.368 min Scan# 520
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:237 Resp: 52866

Ion	Ratio	Lower	Upper
237	100		
235	63.8	34.5	94.5
272	13.0	0.0	43.6

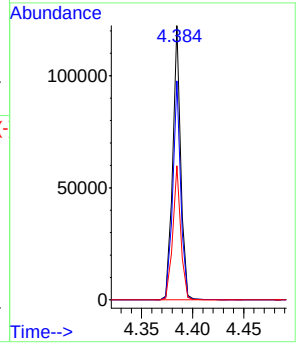


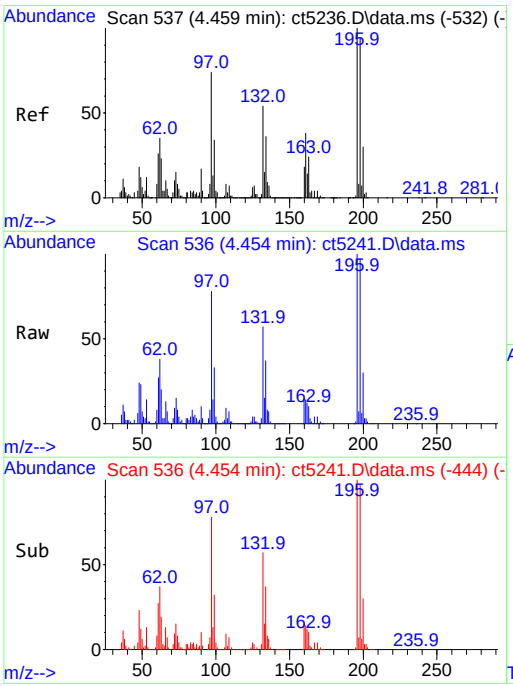


#48
1,2,4,5-tetrachlorobenzene
Concen: 6.00 ppm
RT: 4.384 min Scan# 523
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:216 Resp: 66757

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
218	48.6	38.4	57.6

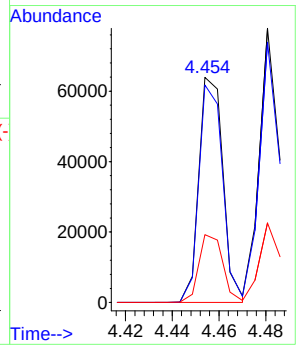


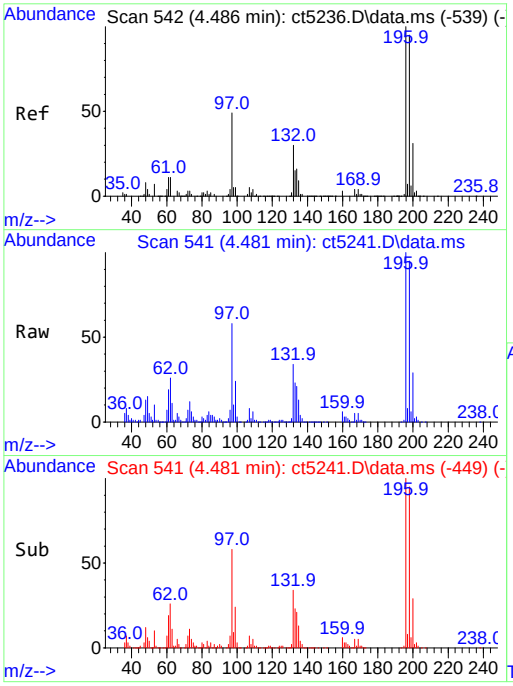


#49
2,4,6-Trichlorophenol
Concen: 6.10 ppm
RT: 4.454 min Scan# 536
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:196 Resp: 45725

Ion	Ratio	Lower	Upper
196	100		
198	96.6	64.2	124.2
200	30.1	0.0	59.5

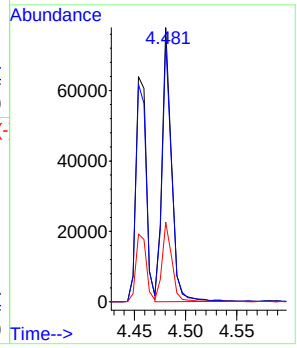


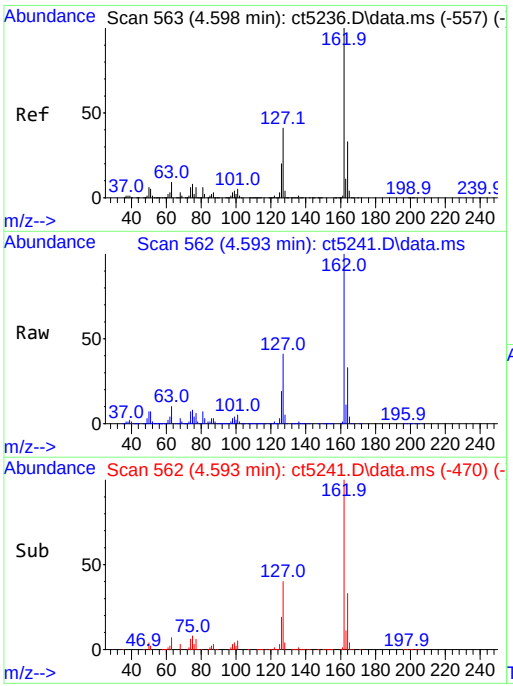


#50
2,4,5-Trichlorophenol
Concen: 5.51 ppm
RT: 4.481 min Scan# 541
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:196 Resp: 49331

Ion	Ratio	Lower	Upper
196	100		
198	95.0	65.2	125.2
200	28.9	0.7	60.7

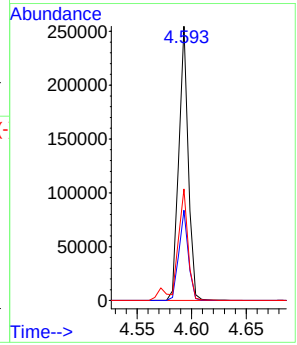


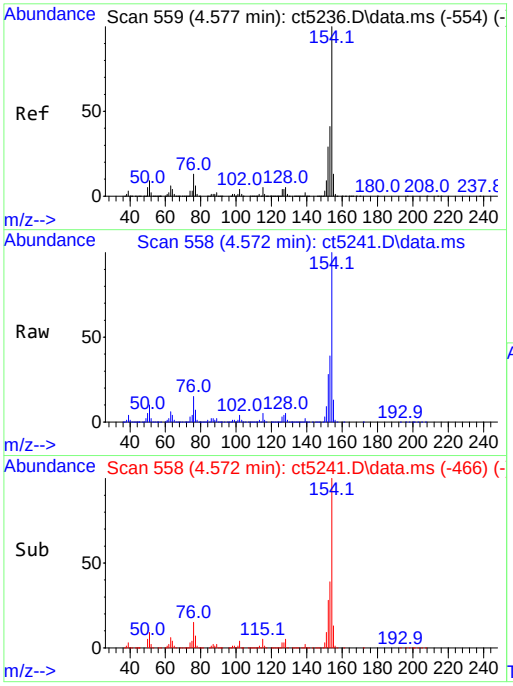


#52
2-Chloronaphthalene
Concen: 6.09 ppm
RT: 4.593 min Scan# 562
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:162 Resp: 153629

Ion	Ratio	Lower	Upper
162	100		
164	32.8	2.8	62.8
127	40.0	11.0	71.0

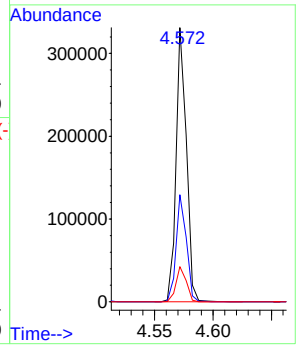


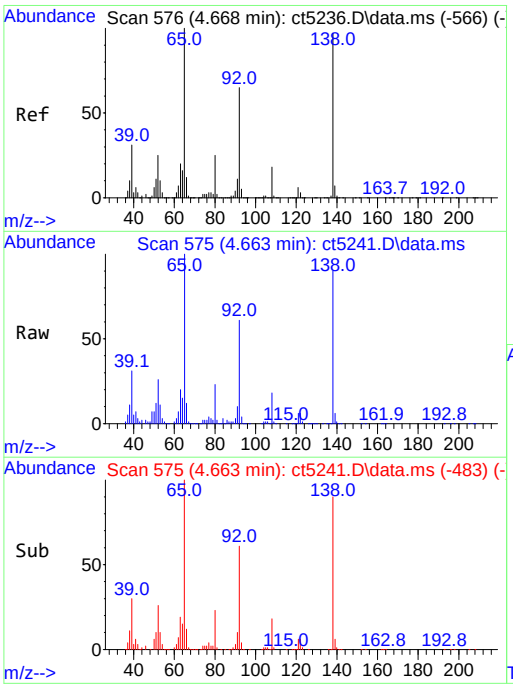


#53
Biphenyl
Concen: 6.31 ppm
RT: 4.572 min Scan# 558
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:154 Resp: 202481

Ion	Ratio	Lower	Upper
154	100		
153	39.0	10.7	70.7
155	12.9	0.0	43.5

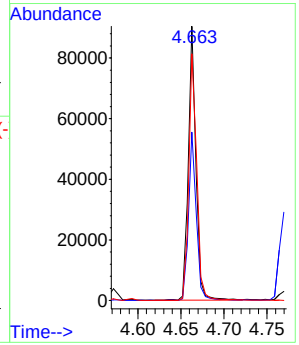


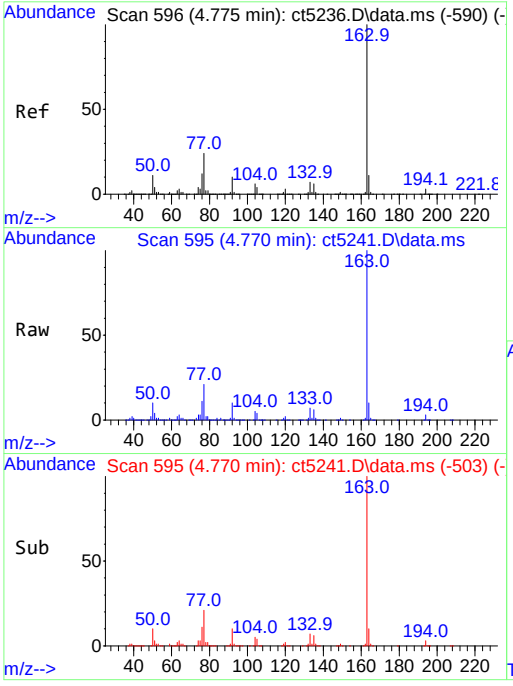


#54
2-Nitroaniline
Concen: 5.57 ppm
RT: 4.663 min Scan# 575
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 65 Resp: 55979

Ion	Ratio	Lower	Upper
65	100		
92	61.3	34.6	94.6
138	90.0	67.0	127.0

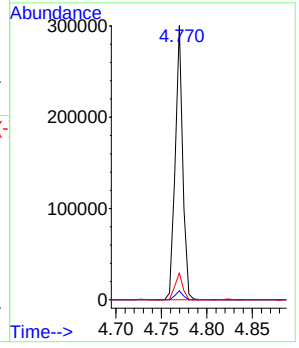


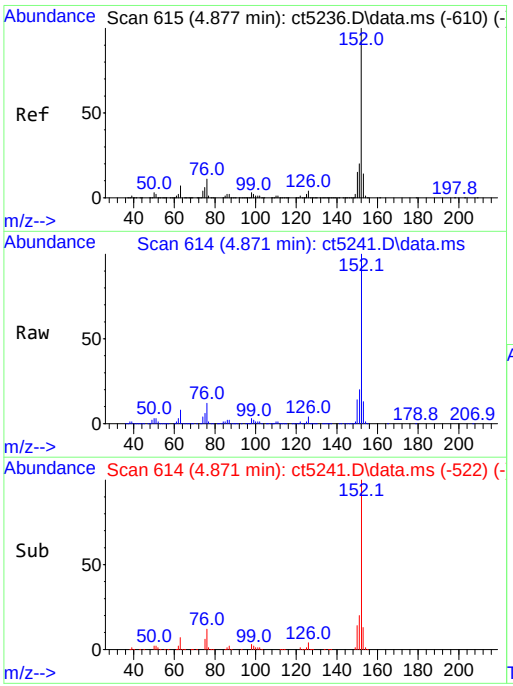


#55
Dimethylphthalate
Concen: 5.82 ppm
RT: 4.770 min Scan# 595
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:163 Resp: 175011

Ion	Ratio	Lower	Upper
163	100		
194	3.3	0.0	33.4
164	9.8	0.0	40.5

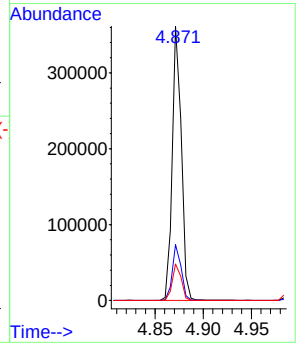


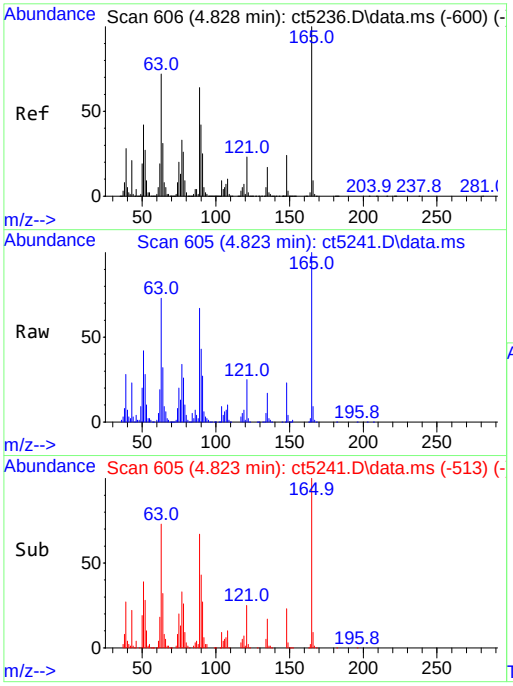


#56
Acenaphthylene
Concen: 5.89 ppm
RT: 4.871 min Scan# 614
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:152 Resp: 237201

Ion	Ratio	Lower	Upper
152	100		
151	20.4	0.0	50.4
153	13.4	0.0	43.6

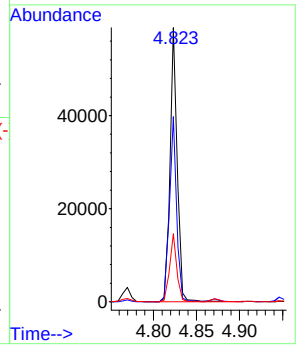


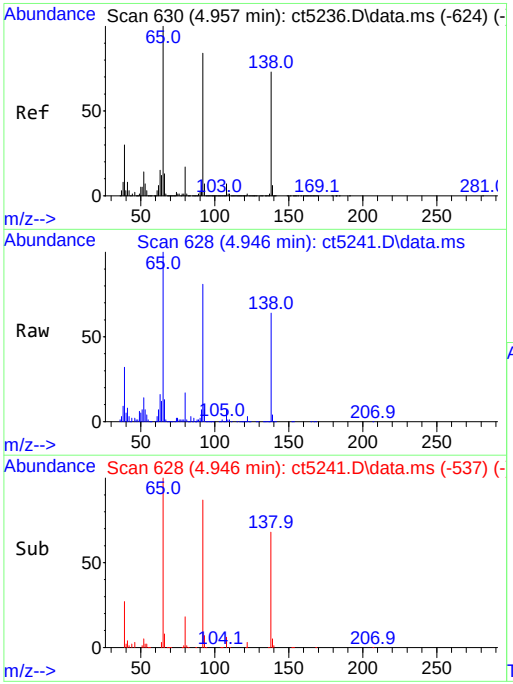


#57
2,6-Dinitrotoluene
Concen: 4.84 ppm
RT: 4.823 min Scan# 605
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:165 Resp: 34102

Ion	Ratio	Lower	Upper
165	100		
89	67.4	34.4	94.4
121	24.7	0.0	53.3

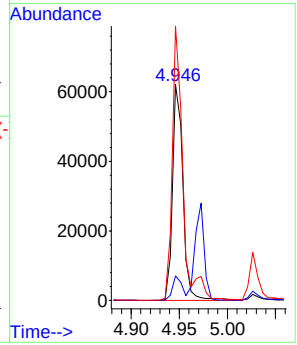


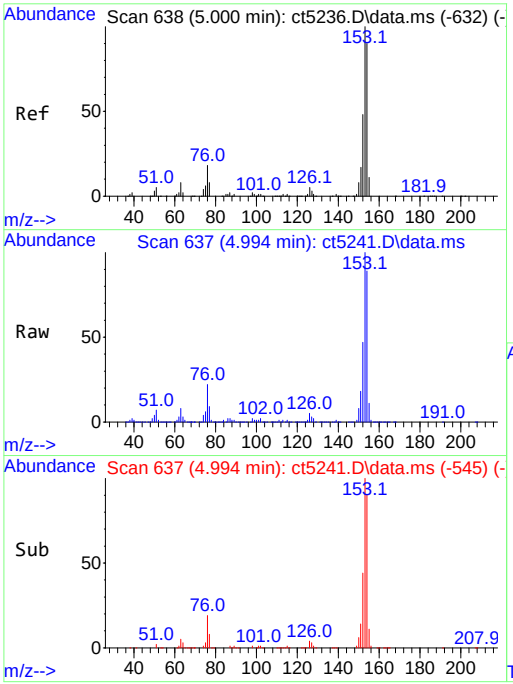


#58
3-Nitroaniline
Concen: 5.24 ppm
RT: 4.946 min Scan# 628
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:138 Resp: 46712

Ion	Ratio	Lower	Upper
138	100		
108	11.3	0.0	40.1
92	126.9	84.8	144.8

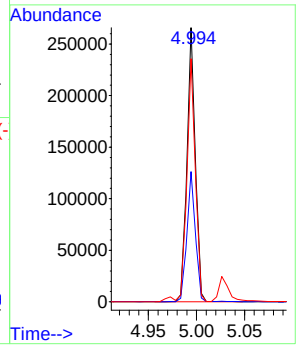


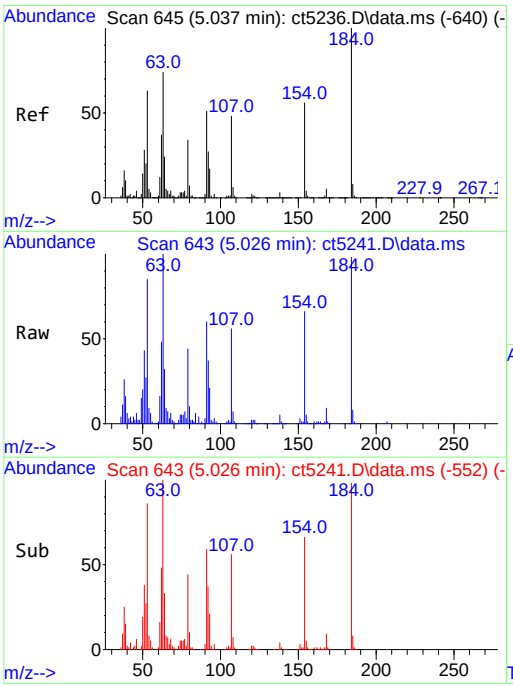


#59
Acenaphthene
Concen: 6.18 ppm
RT: 4.994 min Scan# 637
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:153 Resp: 161238

Ion	Ratio	Lower	Upper
153	100		
152	47.3	18.5	78.5
154	88.4	59.7	119.7

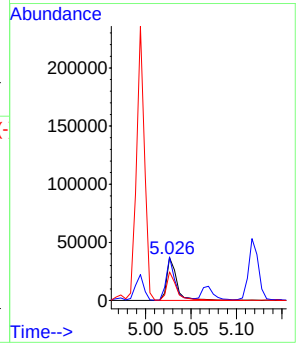


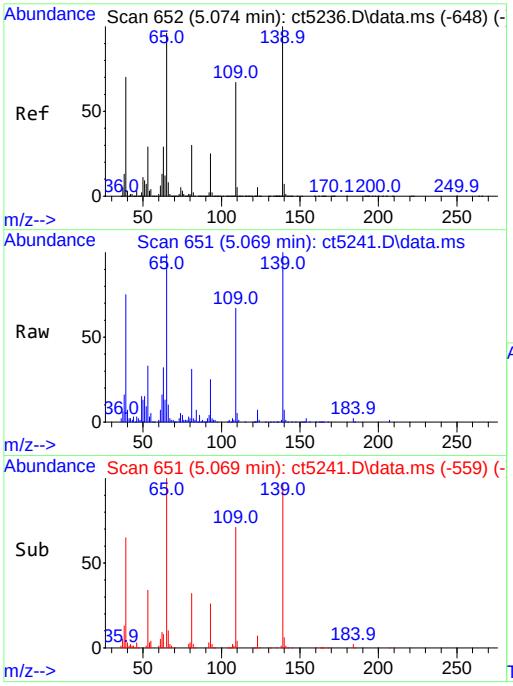


#60
2,4-Dinitrophenol
Concen: 6.69 ppm
RT: 5.026 min Scan# 643
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:184 Resp: 28105

Ion	Ratio	Lower	Upper
184	100		
63	99.2	32.3	92.3#
154	66.5	29.0	89.0

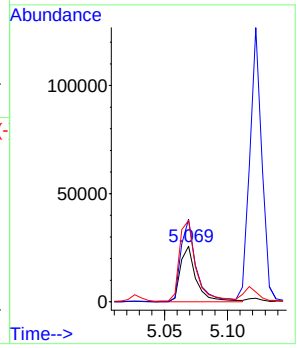


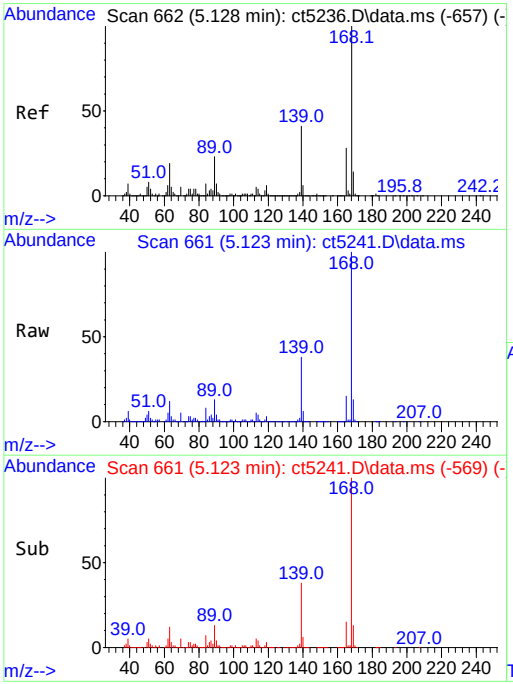


#61
4-Nitrophenol
Concen: 4.54 ppm
RT: 5.069 min Scan# 651
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:109 Resp: 22037

Ion	Ratio	Lower	Upper
109	100		
139	137.1	118.3	178.3
65	141.2	113.1	173.1

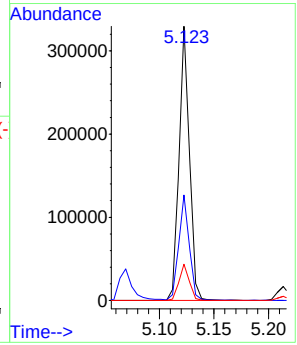


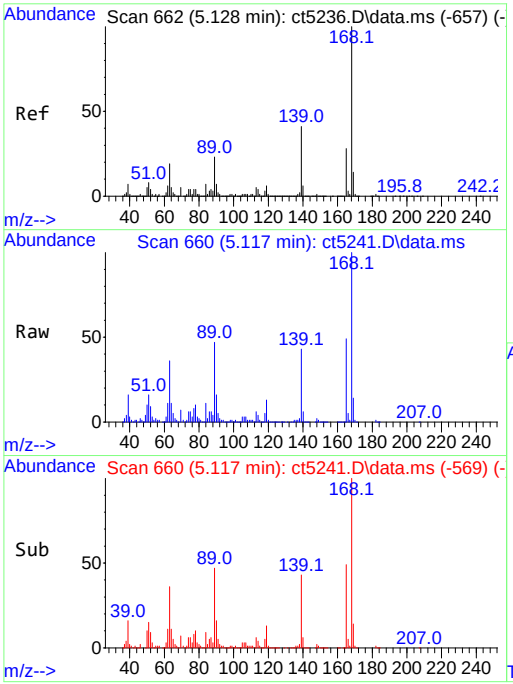


#62
Dibenzofuran
Concen: 6.45 ppm
RT: 5.123 min Scan# 661
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:168 Resp: 217872

Ion	Ratio	Lower	Upper
168	100		
139	38.2	11.5	71.5
169	13.2	0.0	43.8

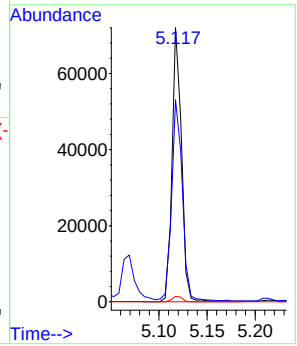


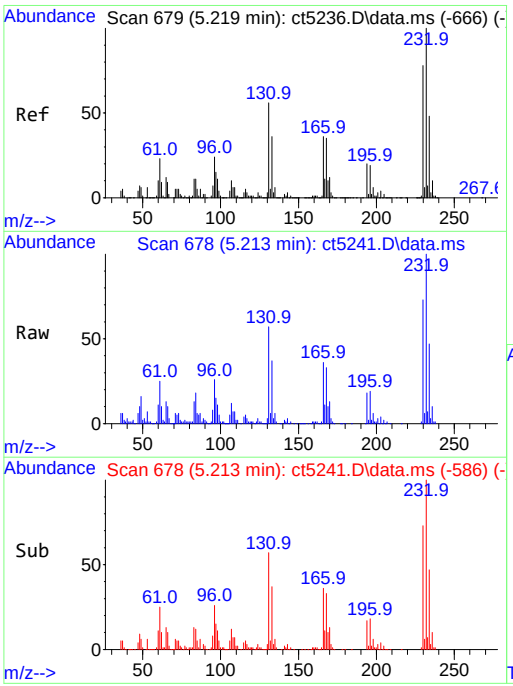


#63
2,4-Dinitrotoluene
Concen: 5.73 ppm
RT: 5.117 min Scan# 660
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:165 Resp: 49125

Ion	Ratio	Lower	Upper
165	100		
63	73.2	35.6	95.6
182	2.0	0.0	32.5

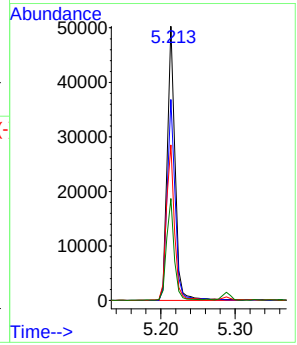


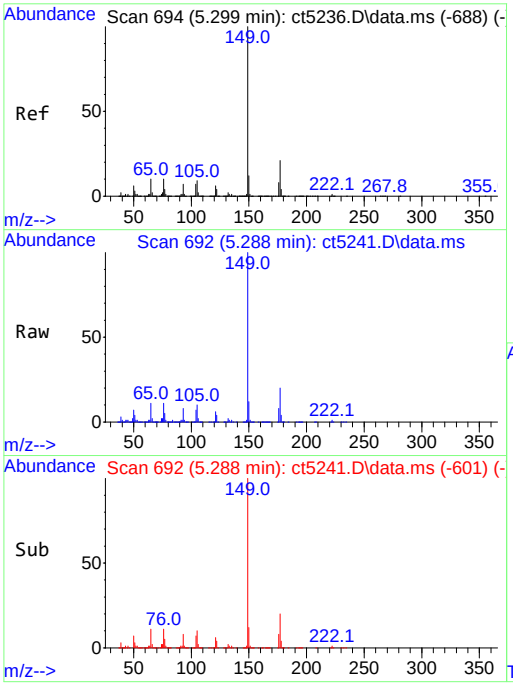


#64
2,3,4,6-Tetrachlorophenol
Concen: 5.43 ppm
RT: 5.213 min Scan# 678
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:232 Resp: 37172

Ion	Ratio	Lower	Upper
232	100		
230	73.2	48.2	108.2
131	56.5	25.8	85.8
133	37.0	6.2	66.2

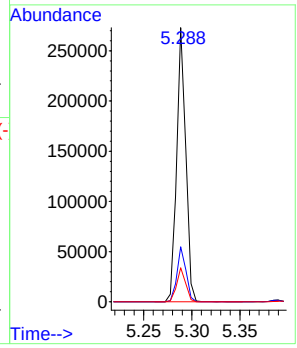


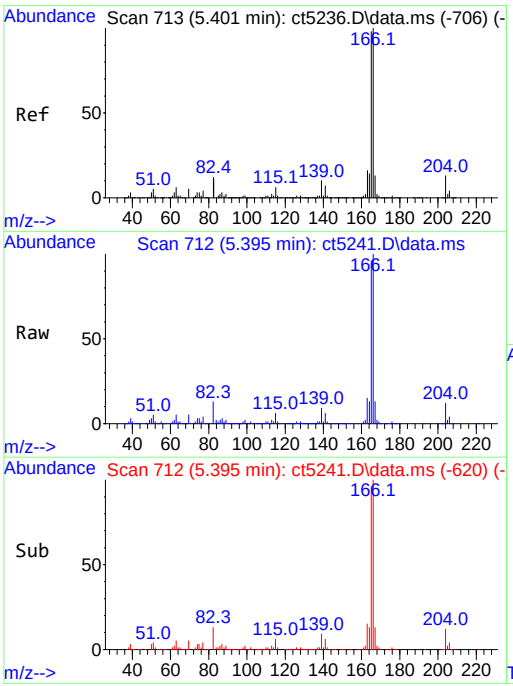


#65
Diethylphthalate
Concen: 5.73 ppm
RT: 5.288 min Scan# 692
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:149 Resp: 178799

Ion	Ratio	Lower	Upper
149	100		
177	20.0	0.0	50.7
150	12.4	0.0	42.5

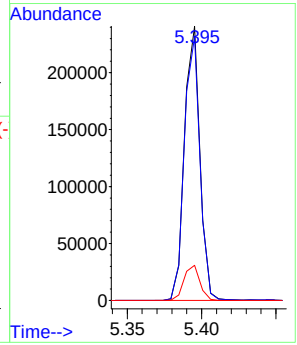


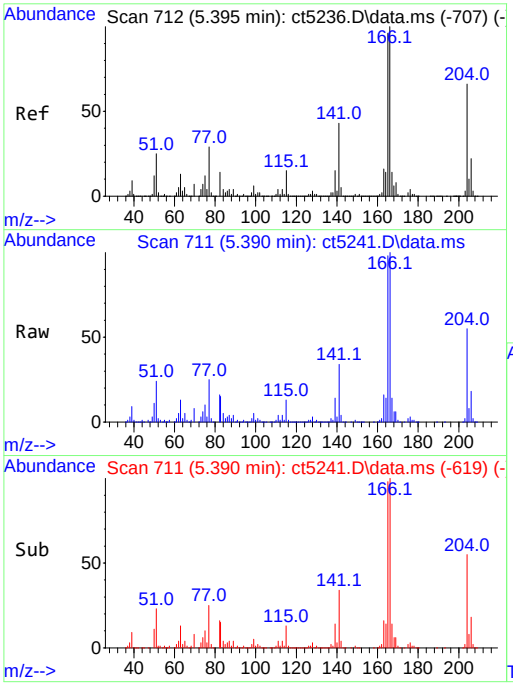


#66
Fluorene
Concen: 6.49 ppm
RT: 5.395 min Scan# 712
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:166 Resp: 173435

Ion	Ratio	Lower	Upper
166	100		
165	96.1	67.6	127.6
167	12.8	0.0	43.4

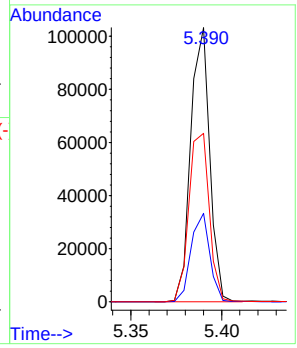


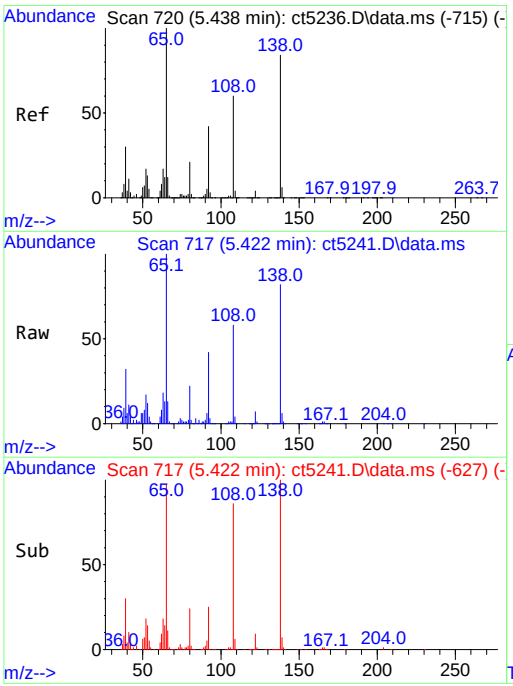


#67
4-Chlorophenyl-phenylether
Concen: 6.46 ppm
RT: 5.390 min Scan# 711
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:204 Resp: 74760

Ion	Ratio	Lower	Upper
204	100		
206	32.3	2.9	62.9
141	61.4	34.9	94.9

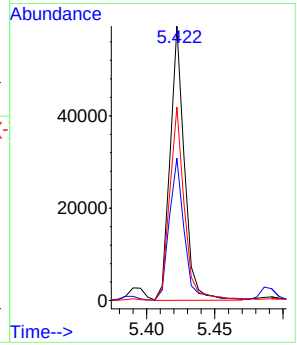


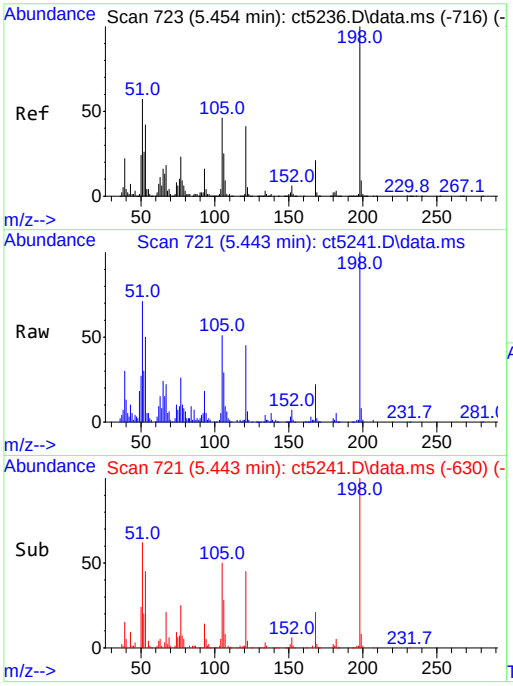


#68
4-Nitroaniline
Concen: 4.94 ppm
RT: 5.422 min Scan# 717
Delta R.T. -0.016 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:138 Resp: 43600

Ion	Ratio	Lower	Upper
138	100		
92	51.7	20.2	80.2
108	70.3	41.6	101.6

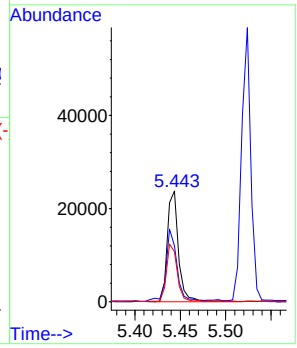


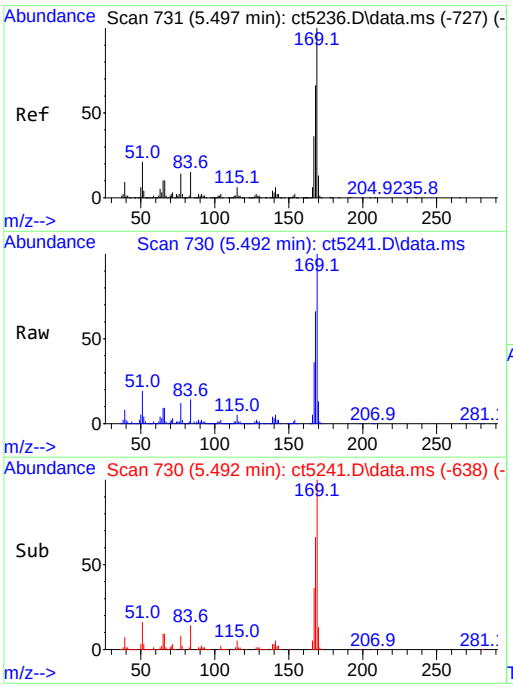


#70
4,6-Dinitro-2-methylphenol
Concen: 3.76 ppm
RT: 5.443 min Scan# 721
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:198 Resp: 20404

Ion	Ratio	Lower	Upper
198	100		
105	0.0	15.6	75.6#
121	44.9	11.4	71.4

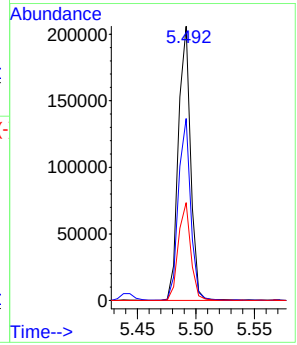


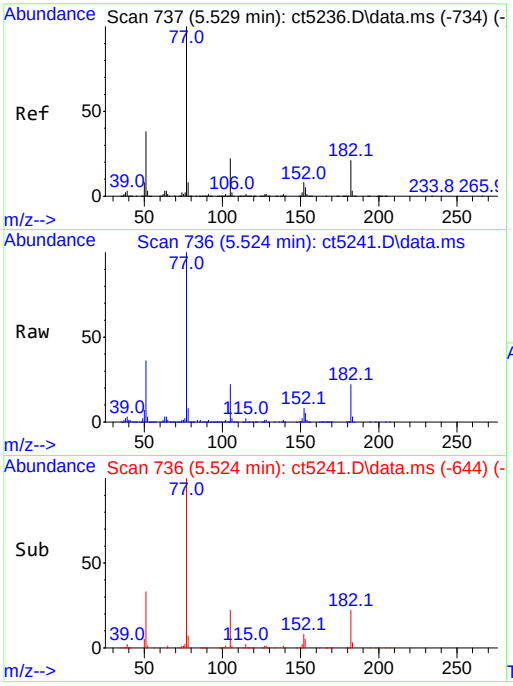


#71
n-Nitrosodiphenylamine
Concen: 5.96 ppm
RT: 5.492 min Scan# 730
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:169 Resp: 149948

Ion	Ratio	Lower	Upper
169	100		
168	66.3	36.0	96.0
167	35.7	6.2	66.2

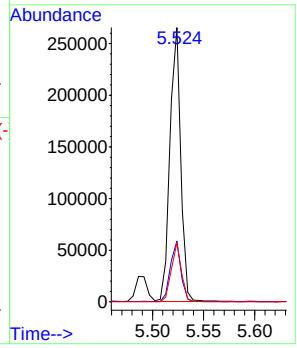


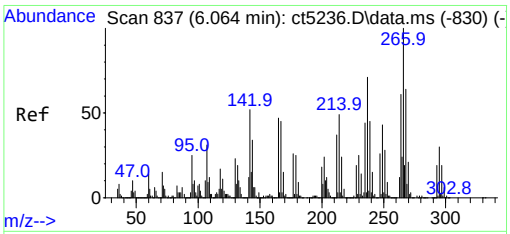


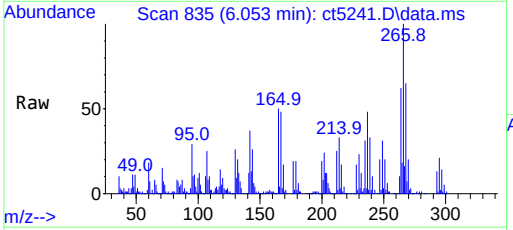
#72
1,2-Diphenylhydrazine
Concen: 5.83 ppm
RT: 5.524 min Scan# 736
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

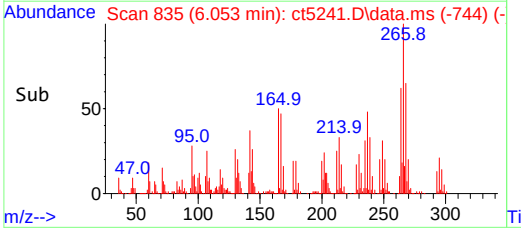
Tgt Ion: 77 Resp: 193657

Ion	Ratio	Lower	Upper
77	100		
105	22.1	0.0	51.9
182	21.6	0.0	51.0





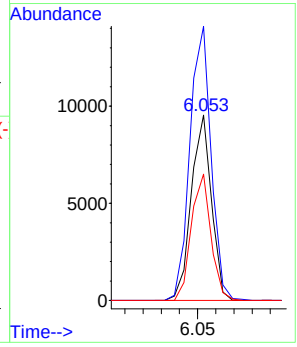


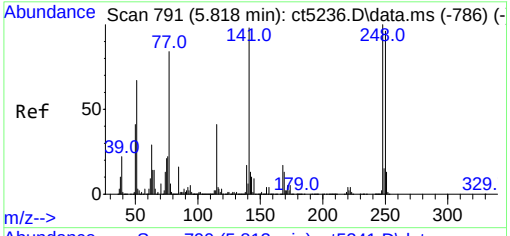


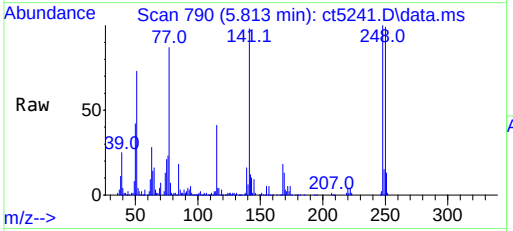
#73
pentachloronitrobenzene
Concen: 5.67 ppm
RT: 6.053 min Scan# 835
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

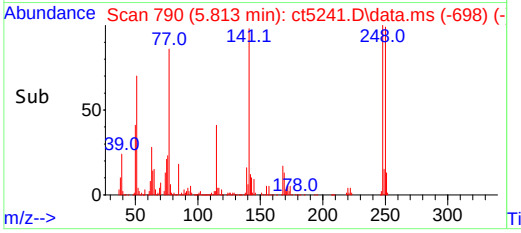
Tgt Ion:295 Resp: 7314

Ion	Ratio	Lower	Upper
295	100		
249	155.4	121.8	182.8
297	66.4	51.7	77.5





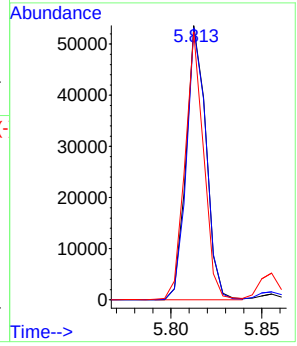


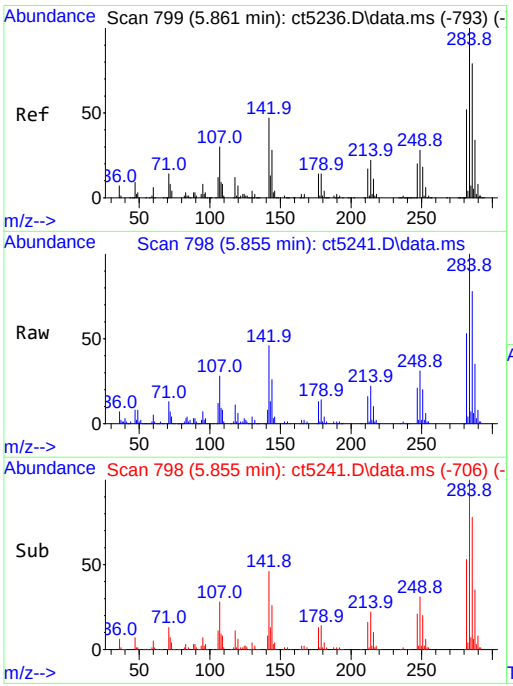


#75
4-Bromophenyl-phenylether
Concen: 5.55 ppm
RT: 5.813 min Scan# 790
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:248 Resp: 40654

Ion	Ratio	Lower	Upper
248	100		
250	99.2	65.9	125.9
141	97.5	68.1	128.1

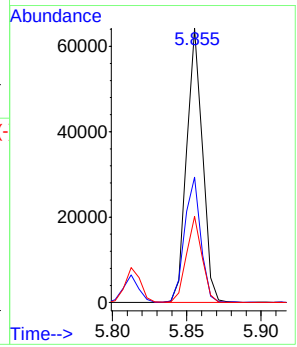


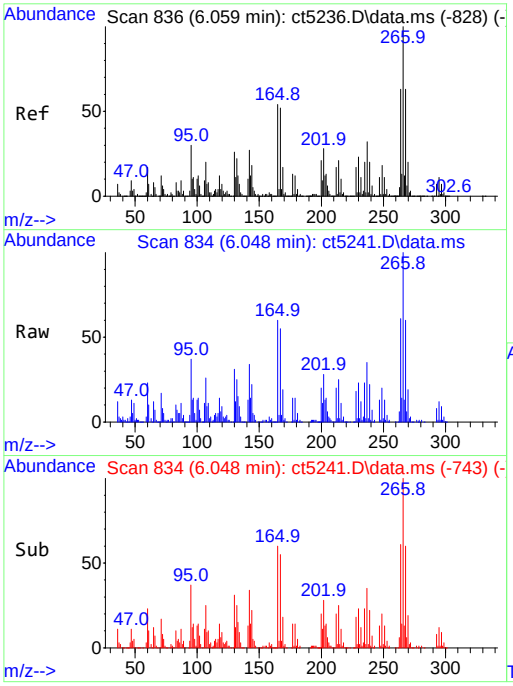


#76
Hexachlorobenzene
Concen: 5.78 ppm
RT: 5.855 min Scan# 798
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:284 Resp: 47423

Ion	Ratio	Lower	Upper
284	100		
142	45.5	17.4	77.4
249	31.3	0.0	59.7

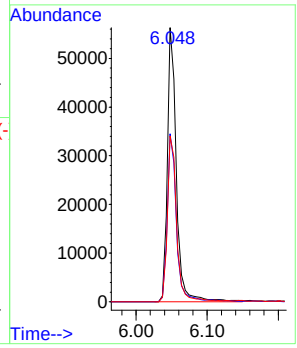


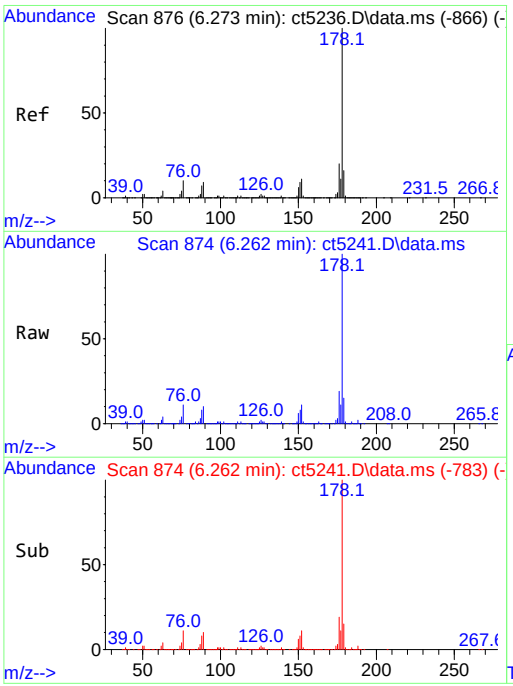


#77
Pentachlorophenol
Concen: 10.74 ppm
RT: 6.048 min Scan# 834
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:266 Resp: 49421

Ion	Ratio	Lower	Upper
266	100		
264	61.3	32.9	92.9
268	60.3	33.4	93.4

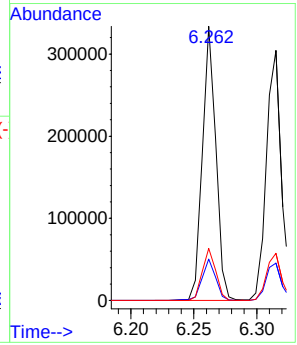


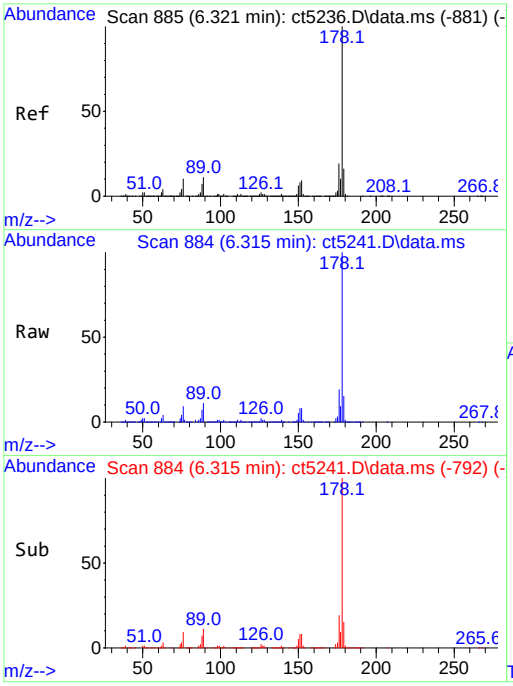


#78
Phenanthrene
Concen: 5.96 ppm
RT: 6.262 min Scan# 874
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:178 Resp: 247828

Ion	Ratio	Lower	Upper
178	100		
179	15.1	0.0	46.1
176	19.0	0.0	50.2

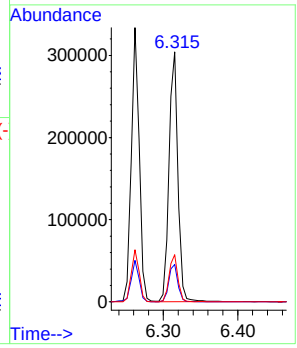


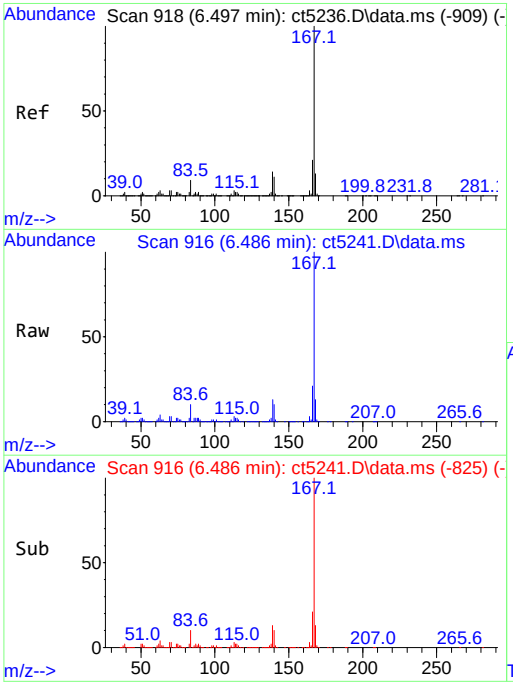


#79
Anthracene
Concen: 5.86 ppm
RT: 6.315 min Scan# 884
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:178 Resp: 251897

Ion	Ratio	Lower	Upper
178	100		
179	14.9	0.0	45.8
176	18.8	0.0	49.2

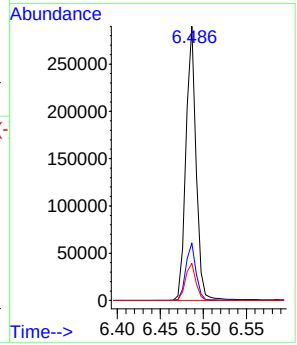


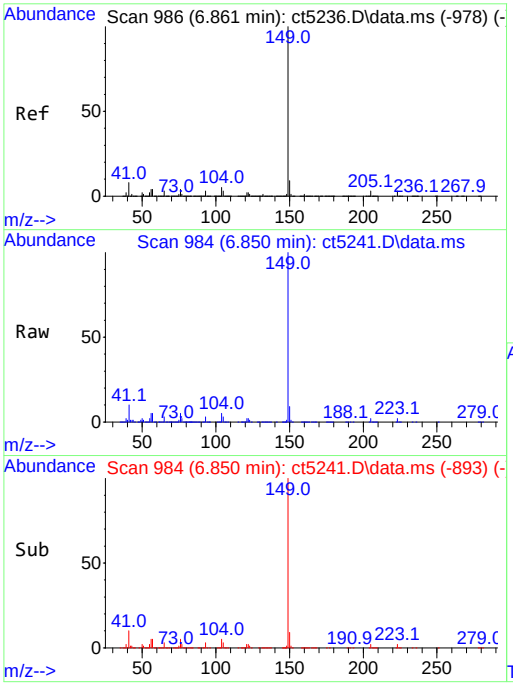


#80
Carbazole
Concen: 5.59 ppm
RT: 6.486 min Scan# 916
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:167 Resp: 237378

Ion	Ratio	Lower	Upper
167	100		
166	21.0	0.0	51.5
139	13.5	0.0	43.6

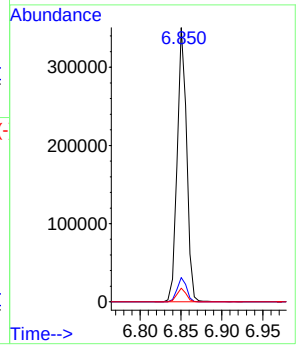


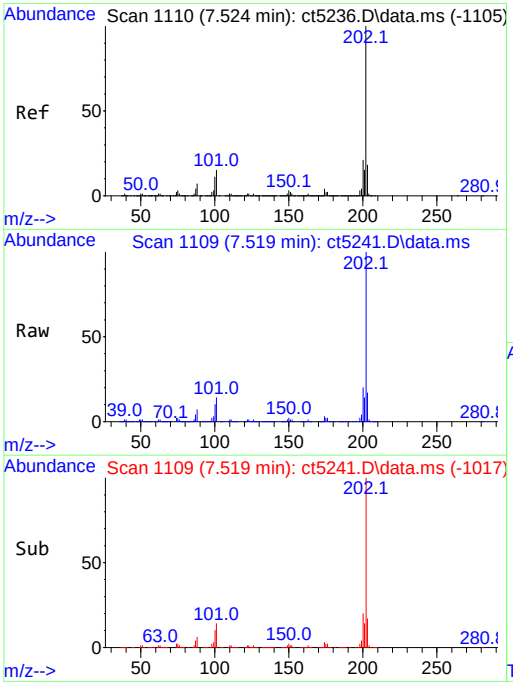


#81
Di-n-butylphthalate
Concen: 5.27 ppm
RT: 6.850 min Scan# 984
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:149 Resp: 282712

Ion	Ratio	Lower	Upper
149	100		
150	8.9	0.0	39.2
104	5.0	0.0	34.7

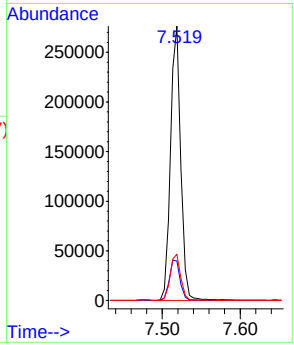


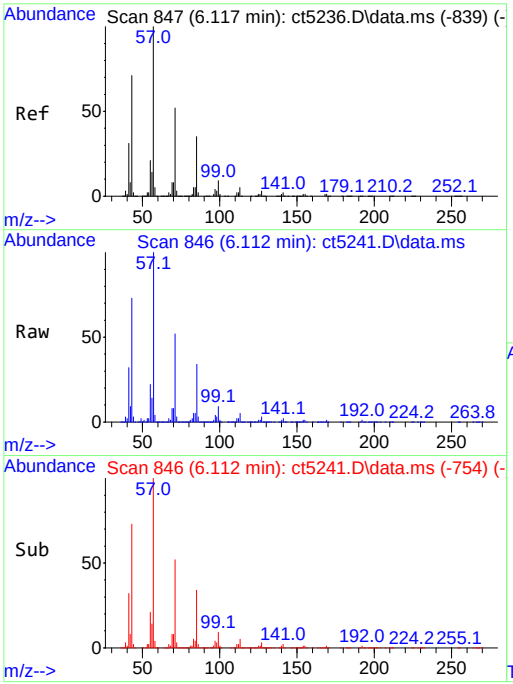


#82
Fluoranthene
Concen: 5.69 ppm
RT: 7.519 min Scan# 1109
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:202 Resp: 250730

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	45.1
203	16.9	0.0	47.9

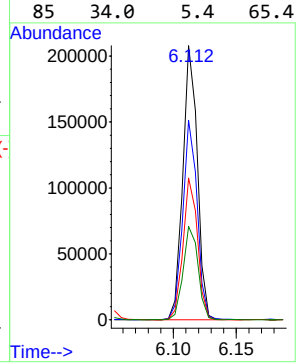


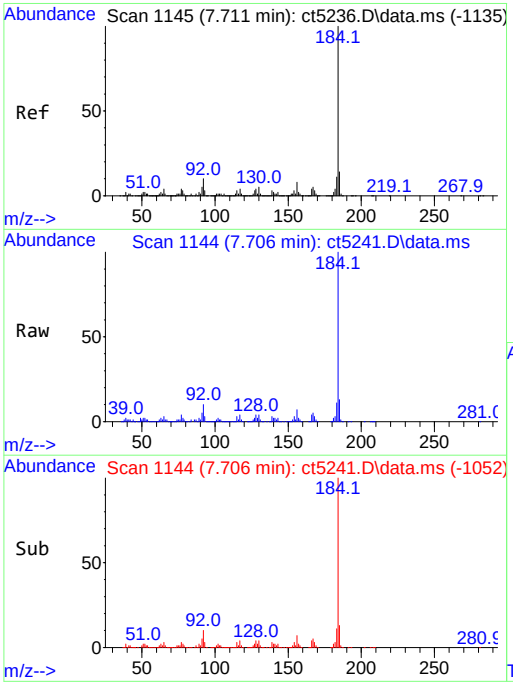


#83
Octadecane
Concen: 5.89 ppm
RT: 6.112 min Scan# 846
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion: 57 Resp: 166634

Ion	Ratio	Lower	Upper
57	100		
43	72.7	41.3	101.3
71	51.7	22.1	82.1
85	34.0	5.4	65.4

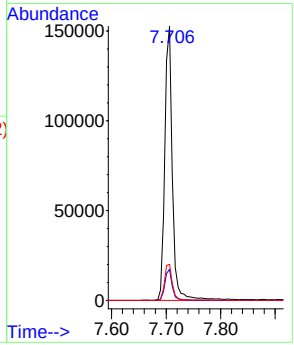


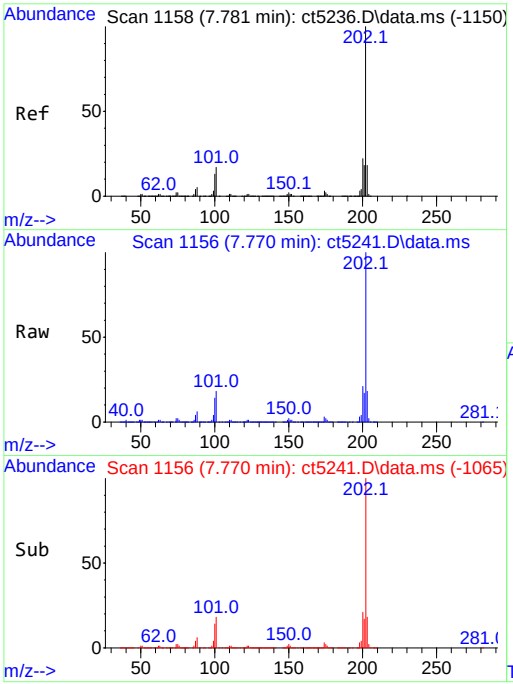


#85
benzidine
Concen: 4.16 ppm
RT: 7.706 min Scan# 1144
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:184 Resp: 147455

Ion	Ratio	Lower	Upper
184	100		
183	11.1	9.1	13.7
185	13.8	11.1	16.7

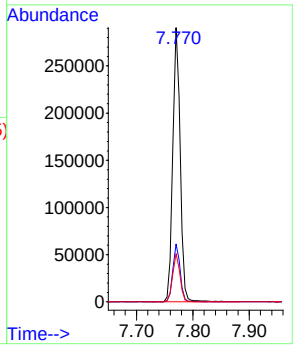


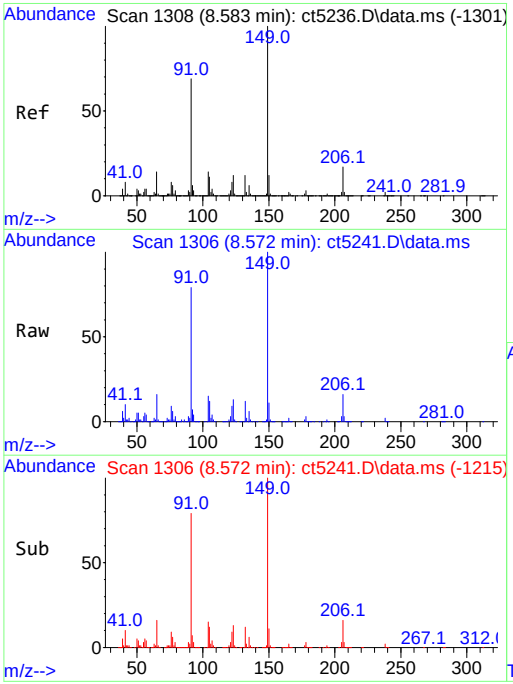


#86
Pyrene
Concen: 5.06 ppm
RT: 7.770 min Scan# 1156
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:202 Resp: 267544

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	51.5
203	17.6	0.0	47.8

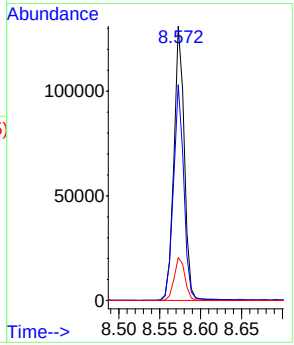


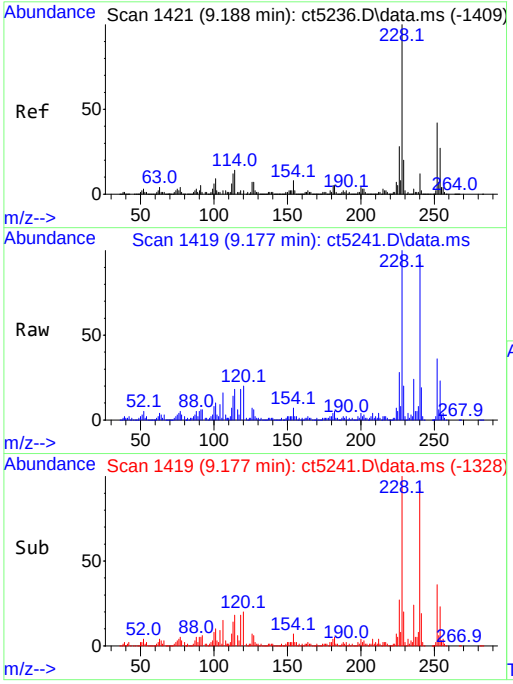


#88
Butylbenzylphthalate
Concen: 4.18 ppm
RT: 8.572 min Scan# 1306
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:149 Resp: 116727

Ion	Ratio	Lower	Upper
149	100		
91	78.4	39.4	99.4
206	15.6	0.0	46.7

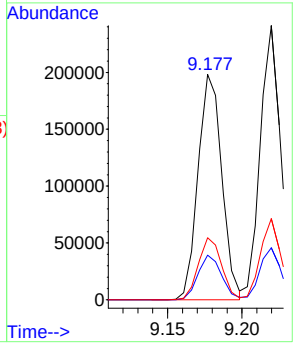


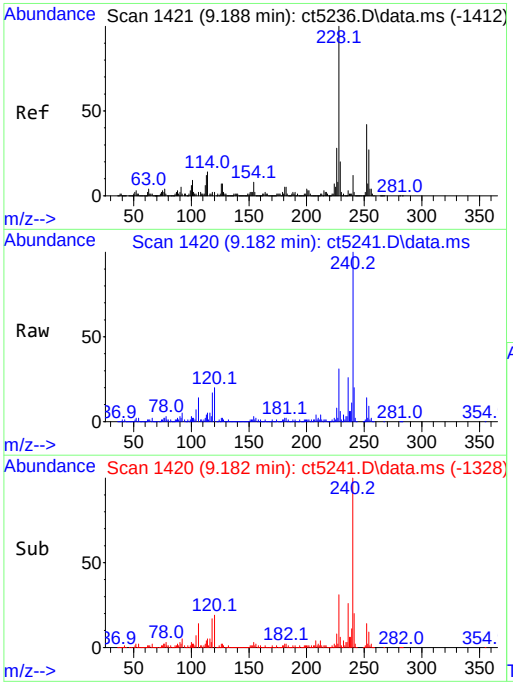


#89
Benzo[a]anthracene
Concen: 5.32 ppm
RT: 9.177 min Scan# 1419
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:228 Resp: 220585

Ion	Ratio	Lower	Upper
228	100		
229	19.7	0.0	50.1
226	27.7	0.0	58.2

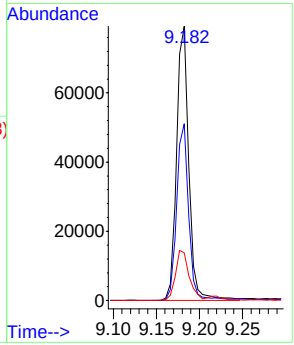


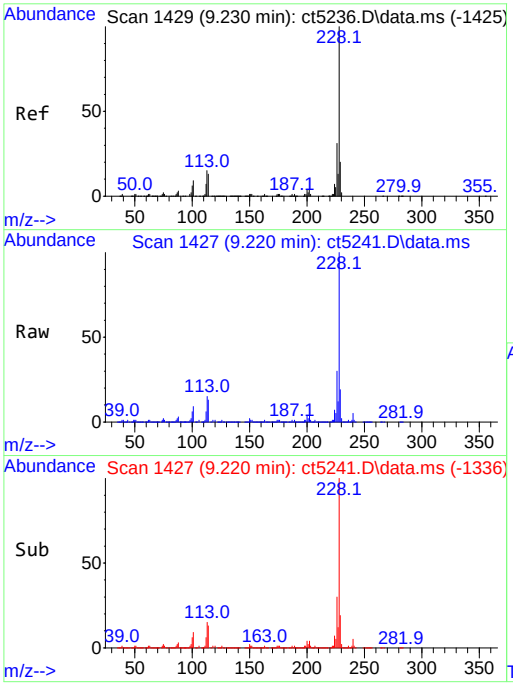


#90
3,3'-Dichlorobenzidine
Concen: 5.25 ppm
RT: 9.182 min Scan# 1420
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:252 Resp: 78142

Ion	Ratio	Lower	Upper
252	100		
254	64.3	33.8	93.8
126	17.3	0.0	47.4

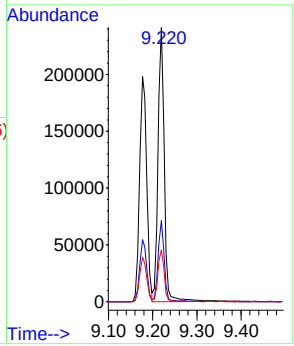


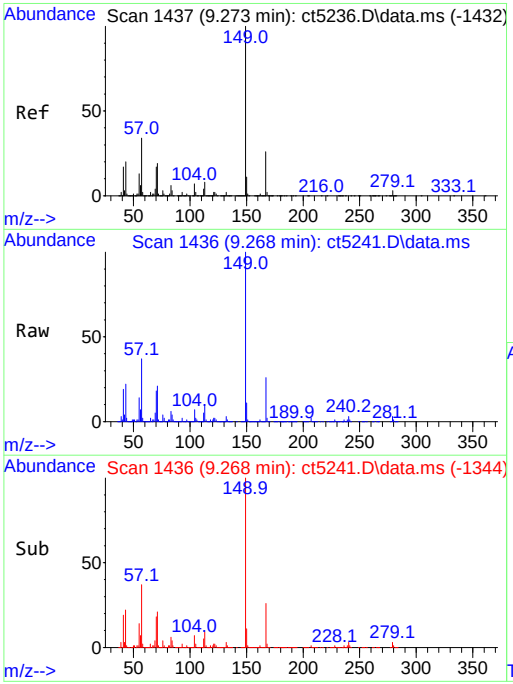


#91
Chrysene
Concen: 5.54 ppm
RT: 9.220 min Scan# 1427
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:228 Resp: 238003

Ion	Ratio	Lower	Upper
228	100		
226	29.7	0.6	60.6
229	18.9	0.0	49.6

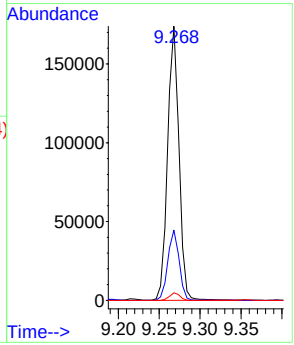


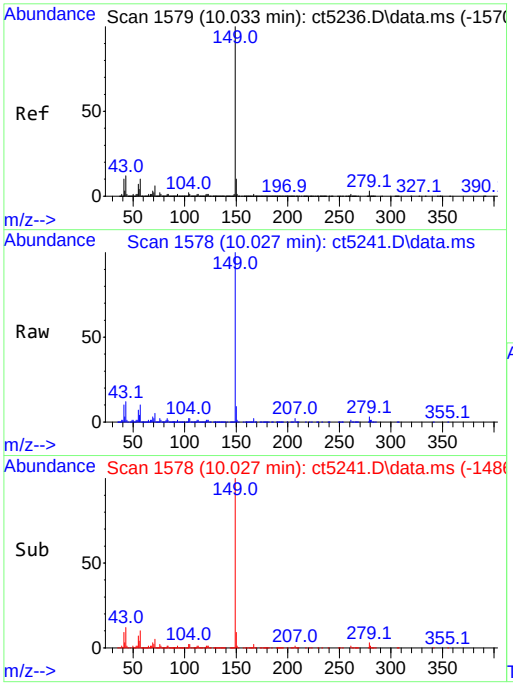


#92
bis(2-Ethylhexyl)phthalate
Concen: 4.34 ppm
RT: 9.268 min Scan# 1436
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:149 Resp: 166443

Ion	Ratio	Lower	Upper
149	100		
167	25.6	0.0	56.2
279	2.8	0.0	32.9

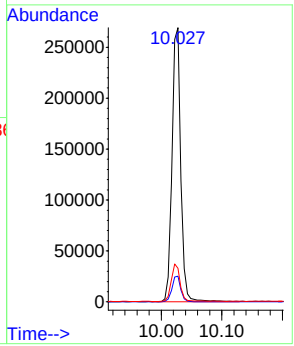


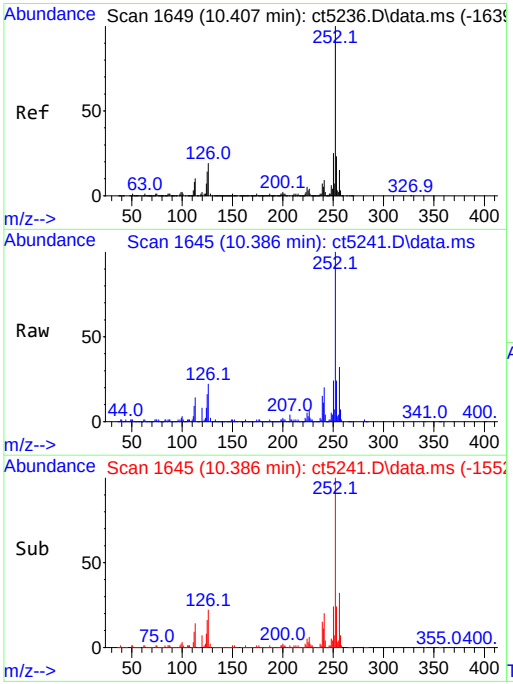


#94
Di-n-octylphthalate
Concen: 4.40 ppm
RT: 10.027 min Scan# 1578
Delta R.T. -0.005 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:149 Resp: 271160

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	40.0
43	12.0	0.0	42.5

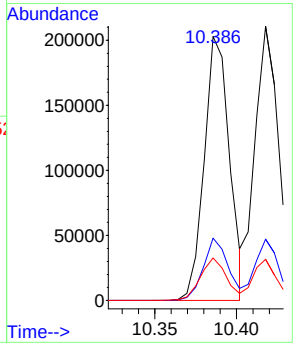


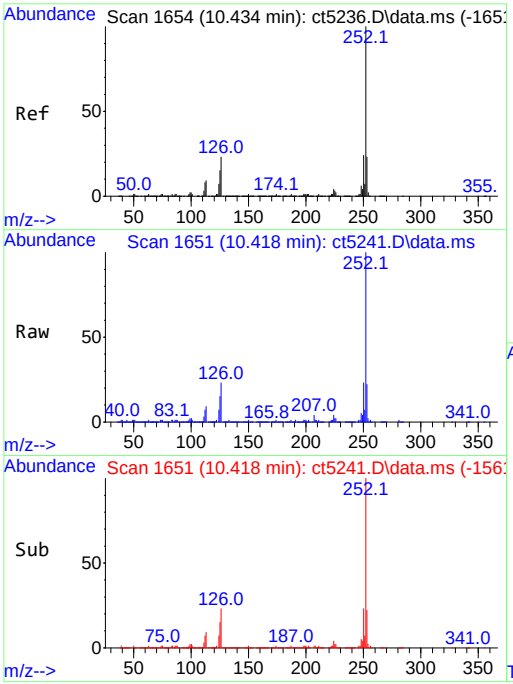


#95
Benzo[b]fluoranthene
Concen: 5.66 ppm
RT: 10.386 min Scan# 1645
Delta R.T. -0.002 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:252 Resp: 216726

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	53.2
125	16.4	0.0	44.2

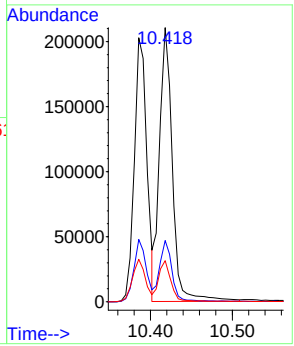


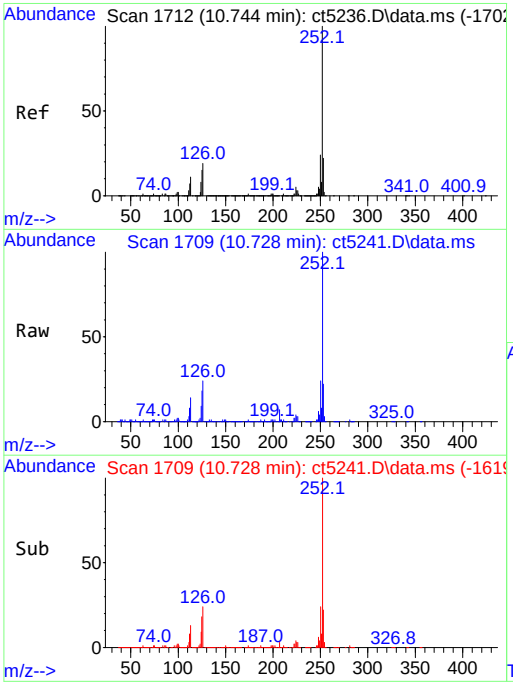


#96
Benzo[k]fluoranthene
Concen: 5.91 ppm
RT: 10.418 min Scan# 1651
Delta R.T. -0.016 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:252 Resp: 228234

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	52.5
125	15.1	0.0	45.1

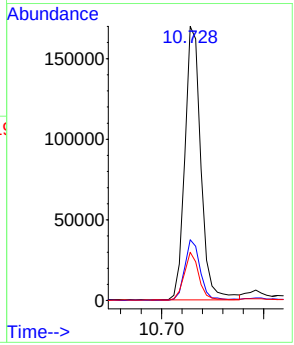


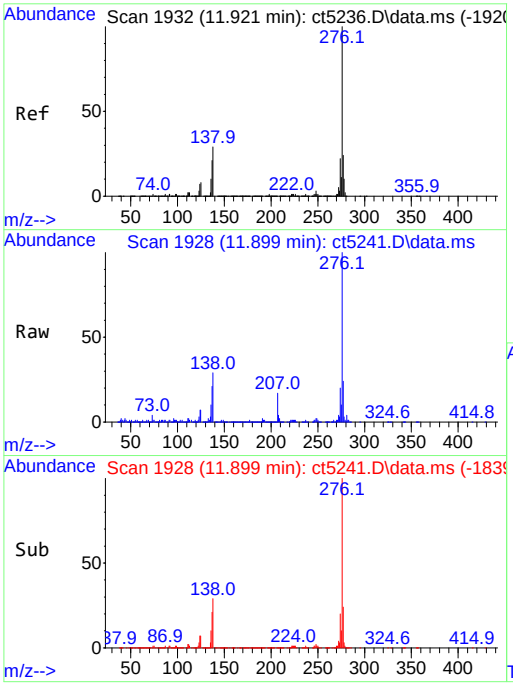


#97
Benzo[a]pyrene
Concen: 5.10 ppm
RT: 10.728 min Scan# 1709
Delta R.T. -0.016 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:252 Resp: 185458

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	52.4
125	17.4	0.0	44.9

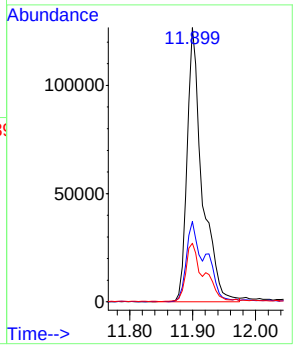


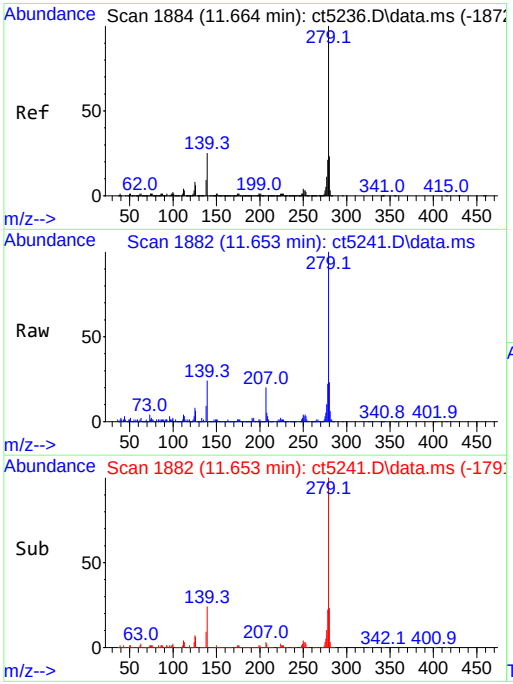


#98
Indeno[1,2,3-cd]pyrene
Concen: 4.67 ppm
RT: 11.899 min Scan# 1928
Delta R.T. -0.021 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:276 Resp: 211569

Ion	Ratio	Lower	Upper
276	100		
138	29.2	0.0	59.2
137	21.2	0.0	50.7

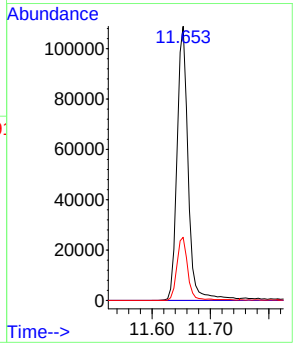


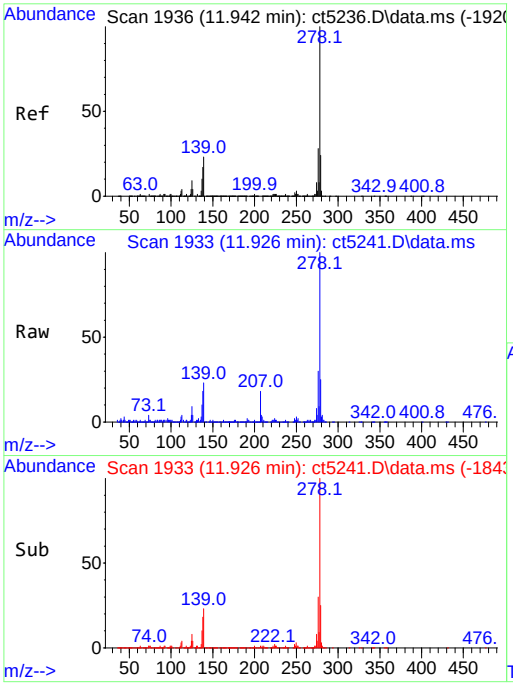


#99
Dibenz(a,h)acridine
Concen: 4.51 ppm
RT: 11.653 min Scan# 1882
Delta R.T. -0.011 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:279 Resp: 142998

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	23.0	0.0	53.2

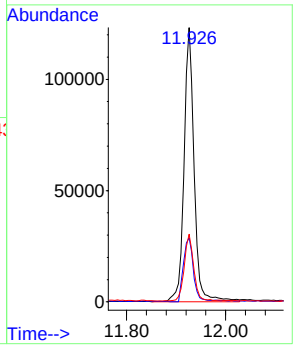


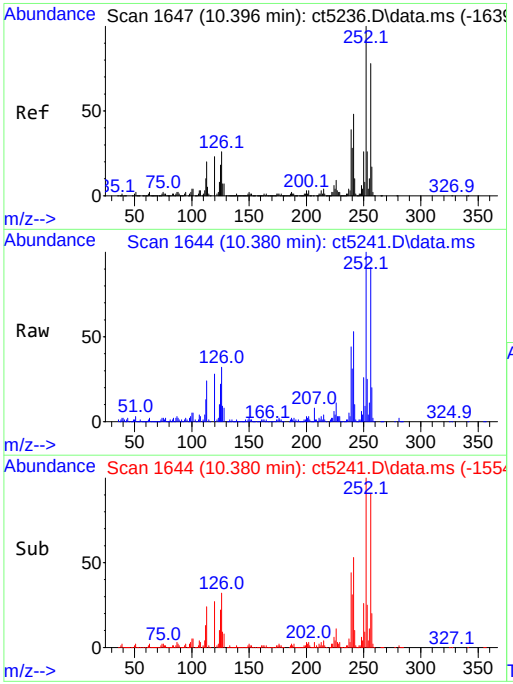


#100
Dibenz[a,h]anthracene
Concen: 4.75 ppm
RT: 11.926 min Scan# 1933
Delta R.T. -0.016 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:278 Resp: 173361

Ion	Ratio	Lower	Upper
278	100		
139	23.2	0.0	53.3
279	24.4	0.0	53.8

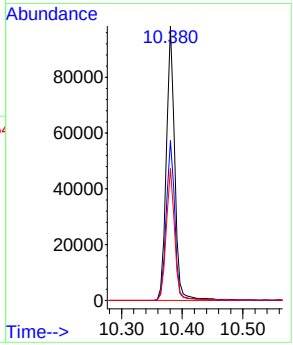


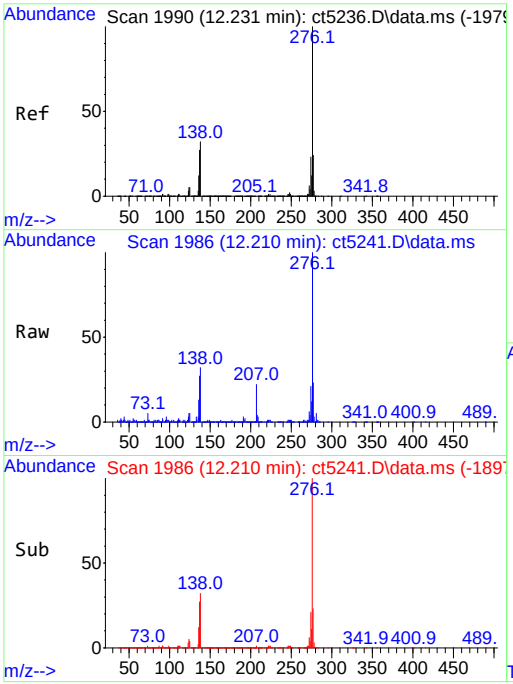


#101
7,12-Dimethylbenz(a)anthracene
Concen: 5.76 ppm
RT: 10.380 min Scan# 1644
Delta R.T. -0.016 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:256 Resp: 94527

Ion	Ratio	Lower	Upper
256	100		
241	58.2	32.2	92.2
239	48.0	19.8	79.8

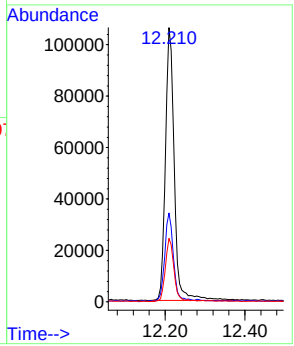




#102
Benzo[g,h,i]perylene
Concen: 4.56 ppm
RT: 12.210 min Scan# 1986
Delta R.T. -0.021 min
Lab File: ct5241.D
Acq: 15 Feb 2024 01:11 pm

Tgt Ion:276 Resp: 161928

Ion	Ratio	Lower	Upper
276	100		
138	32.2	1.8	61.8
277	23.1	0.0	53.9



Manual Integration Approval Summary

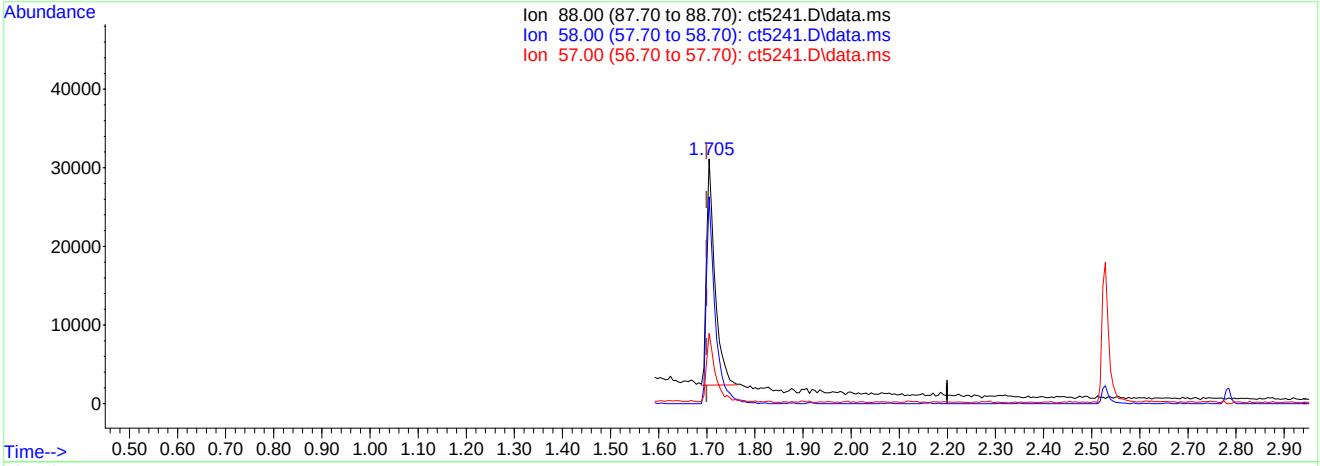
Sample Number: ECT266-IC266
Lab FileID: CT5241.D
Injection Time: 02/15/24 13:11
Method: SW846 8270E
Analyst approved: 02/16/24 10:00 Ying Li
Supervisor approved: 02/16/24 11:39 Nina Pandya

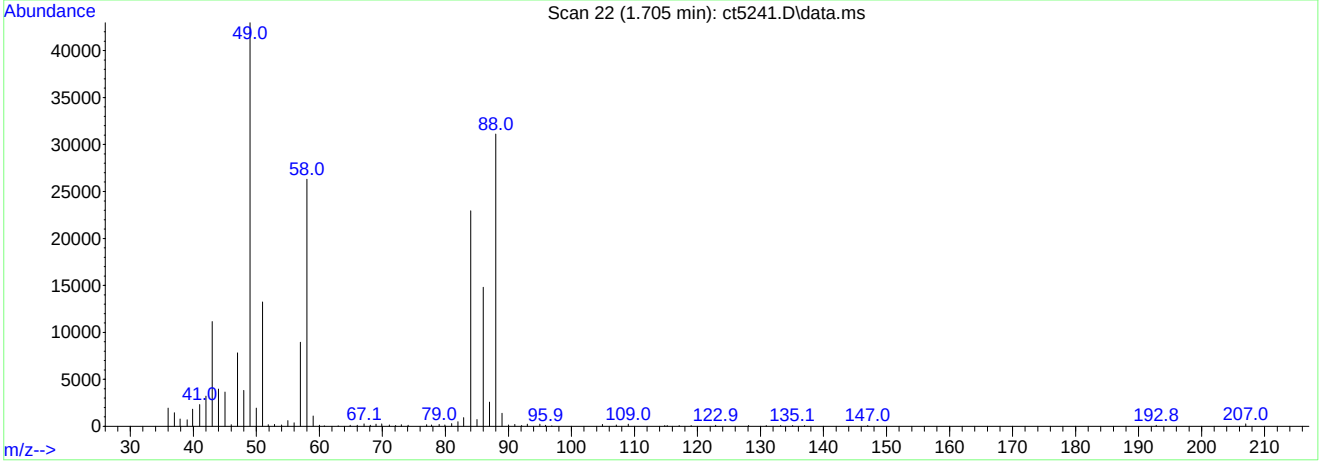
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,4-Dioxane	123-91-1		1.70	Poor instrument integration

Quantitation Report (Qedit)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5241.D
Acq On : 15 Feb 2024 01:11 pm
Operator : jackleey
Sample : ic266-5
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 16 09:16:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration





TIC: ct5241.D\data.ms

(2) 1,4-Dioxane (t)

1.705min (+0.005) 4.78ppm m

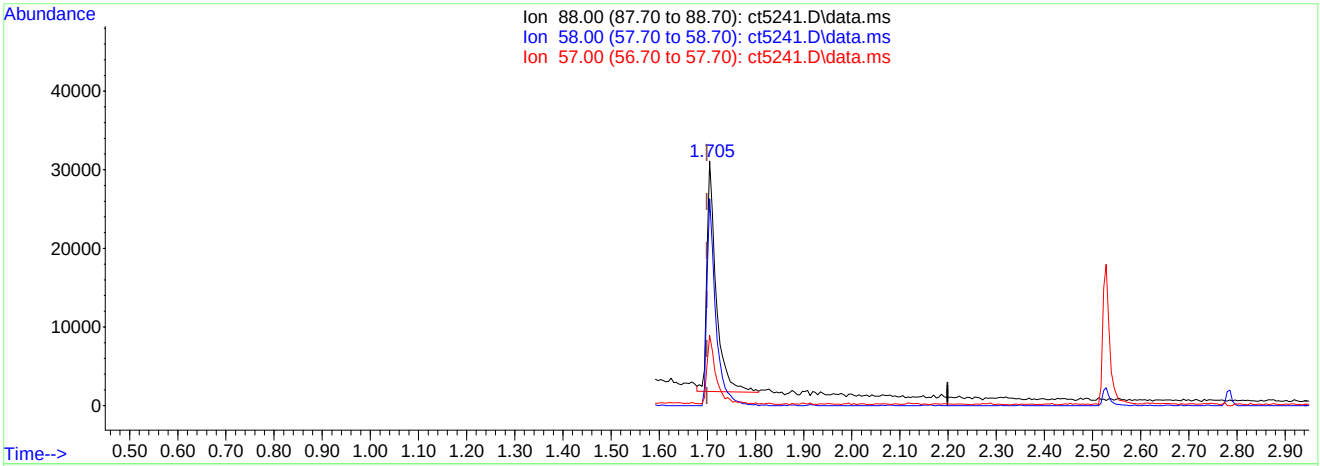
response 35070

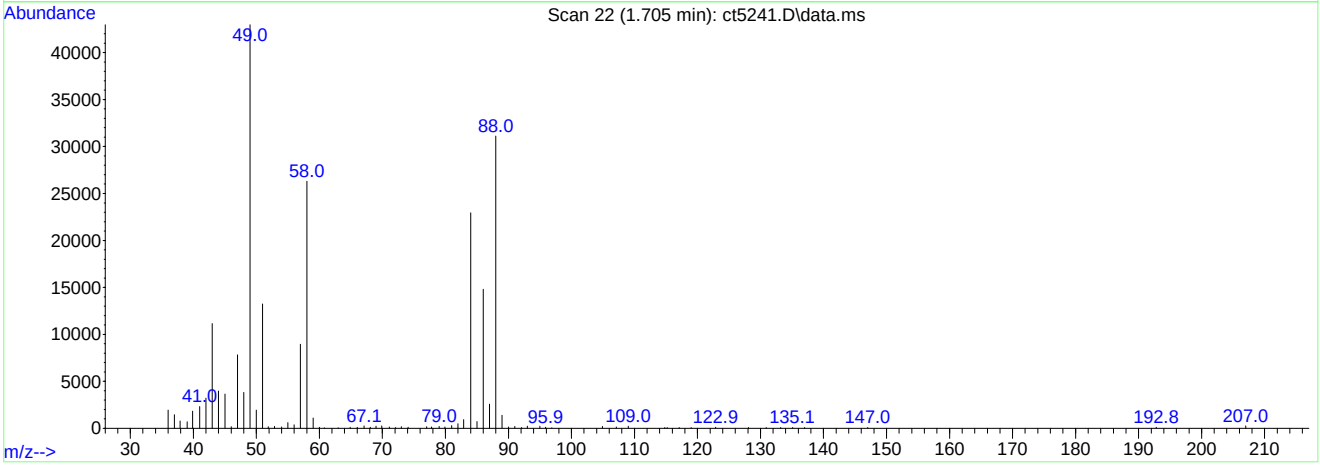
Ion	Exp%	Act%
88.00	100	100
58.00	91.70	84.55
57.00	31.20	28.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\MassHunter\GCMS\1\data\Ect264\
Data File : ct5241.D
Acq On : 15 Feb 2024 01:11 pm
Operator : jackleey
Sample : ic266-5
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 16 10:22:15 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration





TIC: ct5241.D\data.ms

(2) 1,4-Dioxane (t)

1.705min (+0.006) 5.79ppm

response 39373

Ion	Exp%	Act%
88.00	100	100
58.00	91.70	90.75
57.00	31.20	30.02
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5242.D
Acq On : 15 Feb 2024 01:29 pm
Operator : jackleey
Sample : ic266-10
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 16 09:18:24 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.203	152	429992	40.00	ppm	0.00
24) Naphthalene-d8	3.893	136	1641638	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	897534	40.00	ppm	0.00
69) Phenanthrene-d10	6.241	188	1604516	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1240290	40.00	ppm	-0.01
93) Perylene-d12	10.792	264	1259528	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.203	152	429992	40.00	ppm	0.00
105) Phenanthrene-d10a	6.241	188	1604516	40.00	ppm	0.00
107) Naphthalene-d8a	3.893	136	1641638	40.00	ppm	0.00
109) Phenanthrene-d10b	6.241	188	1604516	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1240290	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.529	112	164424	10.04	ppm	0.00
Spiked Amount 50.000			Recovery = 20.08%			
8) Phenol-d5	2.999	99	206509	11.08	ppm	0.00
Spiked Amount 50.000			Recovery = 22.16%			
25) Nitrobenzene-d5	3.502	82	186866	10.71	ppm	0.00
Spiked Amount 50.000			Recovery = 21.42%			
51) 2-Fluorobiphenyl	4.508	172	341542	11.87	ppm	0.00
Spiked Amount 50.000			Recovery = 23.74%			
74) 2,4,6-Tribromophenol	5.599	330	42042	10.11	ppm	0.00
Spiked Amount 50.000			Recovery = 20.22%			
87) Terphenyl-d14	7.974	244	361689	9.77	ppm	0.00
Spiked Amount 50.000			Recovery = 19.54%			
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.705	88	74859	10.37	ppm	97
3) Pyridine	1.887	79	197754	9.93	ppm	99
4) N-Nitrosodimethylamine	1.871	74	100986	9.93	ppm	98
6) Indene	3.336	116	297630	12.60	ppm	100
7) Cumene	2.785	105	354859	11.04	ppm	99
9) Phenol	3.005	94	220676	11.26	ppm	100
10) Aniline	3.037	93	275547	10.50	ppm	92
11) bis(2-Chloroethyl)ether	3.064	93	176566	11.45	ppm	98
12) 2-Chlorophenol	3.096	128	172242	11.66	ppm	97
13) Decane	3.090	43	252765	13.07	ppm	95
14) 1,3-Dichlorobenzene	3.171	146	188636	11.06	ppm	98
15) 1,4-Dichlorobenzene	3.213	146	185831	11.08	ppm	99
16) Benzyl alcohol	3.272	108	119010	10.78	ppm	95
17) 1,2-Dichlorobenzene	3.294	146	181032	11.16	ppm	99
18) Acetophenone	3.417	105	256584	12.96	ppm	99
19) 2-Methylphenol	3.326	108	165511	11.70	ppm	99
20) 2,2'-oxybis(1-Chloropr...	3.336	121	51129	12.76	ppm	97
21) 3&4-Methylphenol	3.406	108	323670	26.26	ppm	94
22) n-Nitroso-di-n-propyla...	3.411	70	117554	12.52	ppm	98
23) Hexachloroethane	3.470	201	58656	10.67	ppm	99
26) Nitrobenzene	3.513	77	191460	11.04	ppm	96
27) Quinoline	4.090	129	340511	10.95	ppm	100
28) Isophorone	3.636	82	337973	11.02	ppm	99
29) 2-Nitrophenol	3.684	139	85878	11.06	ppm	79
30) 2,4-Dimethylphenol	3.695	107	181624	11.27	ppm	94

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5242.D
Acq On : 15 Feb 2024 01:29 pm
Operator : jackleey
Sample : ic266-10
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 16 09:18:24 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Benzoic acid	3.737	105	131144	8.99	ppm	98
32) bis(2-Chloroethoxy)met...	3.748	93	217532	11.57	ppm	100
33) 2,4-Dichlorophenol	3.807	162	137589	10.83	ppm	96
34) 2,6-Dichlorophenol	3.930	162	133472	11.96	ppm	97
35) 1,3,5-Trichlorobenzene	3.679	180	146752	11.59	ppm	99
36) 1,2,4-Trichlorobenzene	3.855	180	143408	11.21	ppm	98
37) 1,2,3-Trichlorobenzene	3.978	180	139908	11.22	ppm	99
38) Naphthalene	3.903	128	504357	12.00	ppm	98
39) 4-Chloroaniline	3.930	127	215979	12.32	ppm	99
40) 2,3-Dichloroaniline	4.465	161	161017	11.70	ppm	94
41) Hydroquinone	4.101	110	178272	10.96	ppm	95
42) Hexachlorobutadiene	3.951	225	73829	11.09	ppm	100
43) 4-Chloro-3-methylphenol	4.192	107	154690	11.00	ppm	95
44) 2-Methylnaphthalene	4.288	141	293083	11.86	ppm	99
45) 1-Methylnaphthalene	4.347	141	295365	11.46	ppm	99
47) Hexachlorocyclopentadiene	4.369	237	122746	19.51	ppm	97
48) 1,2,4,5-tetrachloroben...	4.385	216	131502	11.66	ppm	100
49) 2,4,6-Trichlorophenol	4.454	196	90091	11.85	ppm	99
50) 2,4,5-Trichlorophenol	4.481	196	98213	10.81	ppm	98
52) 2-Chloronaphthalene	4.593	162	298660	11.68	ppm	97
53) Biphenyl	4.572	154	393389	12.09	ppm	98
54) 2-Nitroaniline	4.663	65	109799	10.77	ppm	100
55) Dimethylphthalate	4.770	163	343276	11.27	ppm	100
56) Acenaphthylene	4.871	152	467187	11.44	ppm	99
57) 2,6-Dinitrotoluene	4.823	165	72247	10.11	ppm	95
58) 3-Nitroaniline	4.946	138	93073	10.29	ppm	95
59) Acenaphthene	4.994	153	316395	11.96	ppm	99
60) 2,4-Dinitrophenol	5.027	184	69156	16.24	ppm	100
61) 4-Nitrophenol	5.064	109	47367	9.62	ppm	92
62) Dibenzofuran	5.123	168	427722	12.49	ppm	95
63) 2,4-Dinitrotoluene	5.117	165	98582	11.35	ppm	95
64) 2,3,4,6-Tetrachlorophenol	5.214	232	74709	10.77	ppm	97
65) Diethylphthalate	5.289	149	351045	11.11	ppm	99
66) Fluorene	5.396	166	330941	12.22	ppm	99
67) 4-Chlorophenyl-phenyle...	5.390	204	142291	12.12	ppm	97
68) 4-Nitroaniline	5.422	138	86797	9.70	ppm	98
70) 4,6-Dinitro-2-methylph...	5.438	198	46838	8.50	ppm	82
71) n-Nitrosodiphenylamine	5.492	169	291903	11.42	ppm	99
72) 1,2-Diphenylhydrazine	5.524	77	382003	11.34	ppm	98
73) pentachloronitrobenzene	6.053	295	14489	11.06	ppm	98
75) 4-Bromophenyl-phenylether	5.813	248	79960	10.76	ppm	96
76) Hexachlorobenzene	5.856	284	92688	11.14	ppm	96
77) Pentachlorophenol	6.048	266	99141	21.24	ppm	97
78) Phenanthrene	6.262	178	487401	11.55	ppm	98
79) Anthracene	6.316	178	495469	11.36	ppm	98
80) Carbazole	6.487	167	475140	11.02	ppm	100
81) Di-n-butylphthalate	6.850	149	583194	10.71	ppm	99
82) Fluoranthene	7.519	202	499537	11.17	ppm	98
83) Octadecane	6.112	57	333405	11.62	ppm	99
85) benzidine	7.706	184	296291	8.24	ppm	99
86) Pyrene	7.770	202	523963	9.77	ppm	99
88) Butylbenzylphthalate	8.573	149	247780	8.75	ppm	92
89) Benzo[a]anthracene	9.177	228	432454	10.29	ppm	99
90) 3,3'-Dichlorobenzidine	9.182	252	156262	10.36	ppm	99
91) Chrysene	9.220	228	447091	10.26	ppm	100
92) bis(2-Ethylhexyl)phtha...	9.268	149	352902	9.09	ppm	100
94) Di-n-octylphthalate	10.028	149	585346	9.68	ppm	98

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5242.D
Acq On : 15 Feb 2024 01:29 pm
Operator : jackleey
Sample : ic266-10
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 16 09:18:24 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

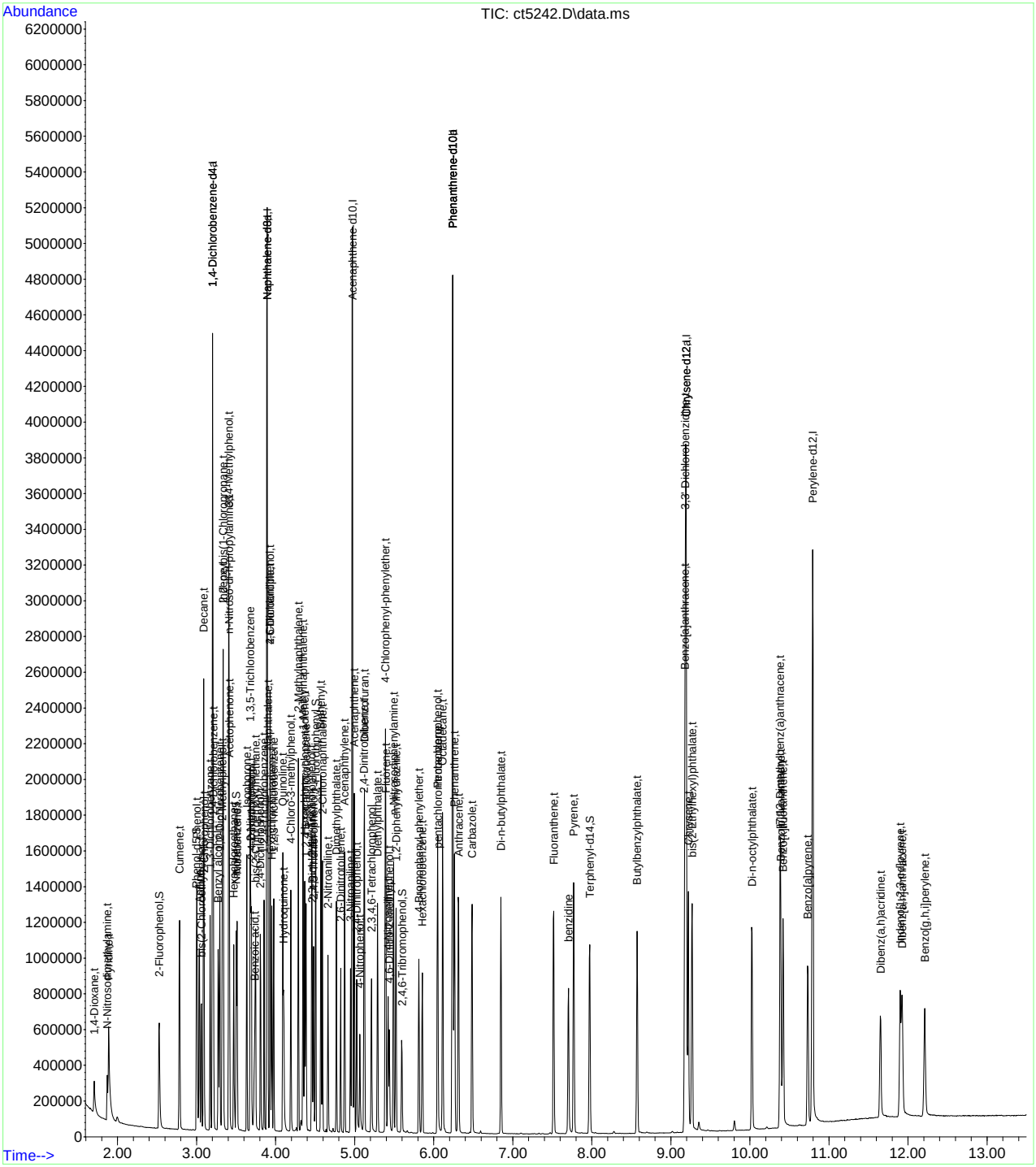
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.391	252	414406	11.04	ppm	99
96) Benzo[k]fluoranthene	10.418	252	451472	11.92	ppm	99
97) Benzo[a]pyrene	10.728	252	367087	10.29	ppm	98
98) Indeno[1,2,3-cd]pyrene	11.900	276	424559	9.55	ppm	97
99) Dibenz(a,h)acridine	11.654	279	281794	9.05	ppm	99
100) Dibenz[a,h]anthracene	11.926	278	339380	9.47	ppm	99
101) 7,12-Dimethylbenz(a)an...	10.381	256	185163	11.51	ppm	98
102) Benzo[g,h,i]perylene	12.210	276	317822	9.12	ppm	98

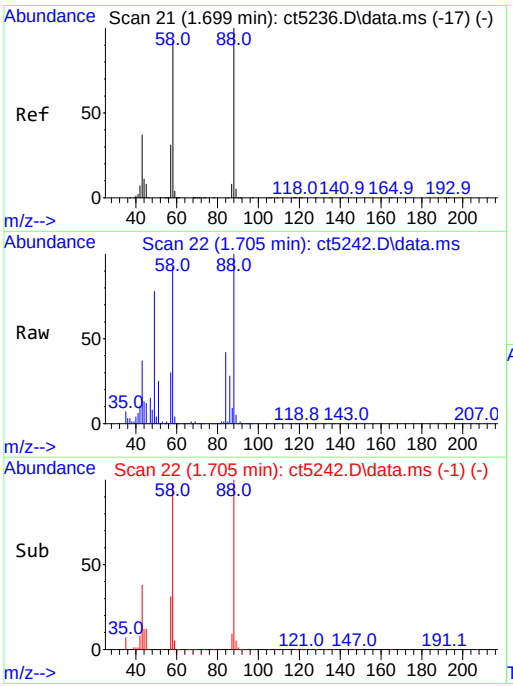
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5242.D
Acq On : 15 Feb 2024 01:29 pm
Operator : jackleey
Sample : ic266-10
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 16 09:18:24 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

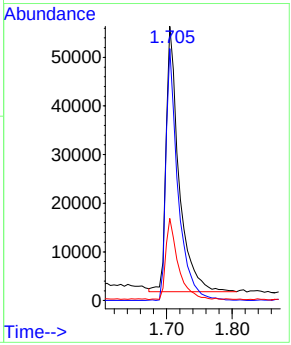


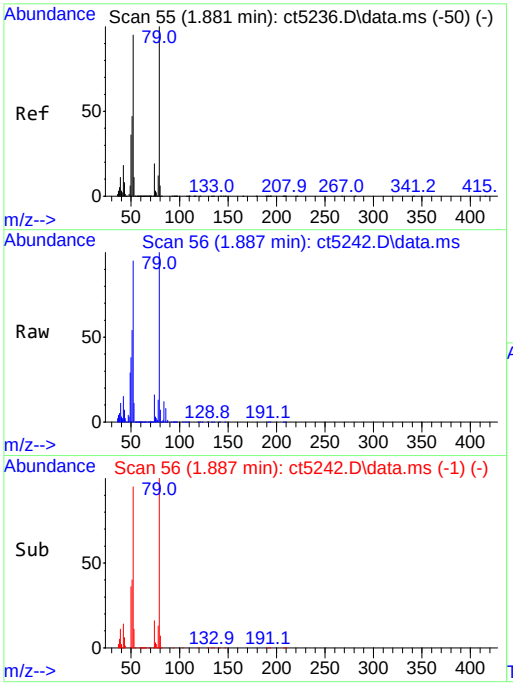


#2
1,4-Dioxane
Concen: 10.37 ppm
RT: 1.705 min Scan# 22
Delta R.T. 0.006 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 88 Resp: 74859

Ion	Ratio	Lower	Upper
88	100		
58	95.2	61.7	121.7
57	30.7	1.2	61.2

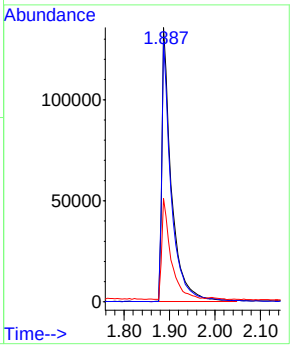


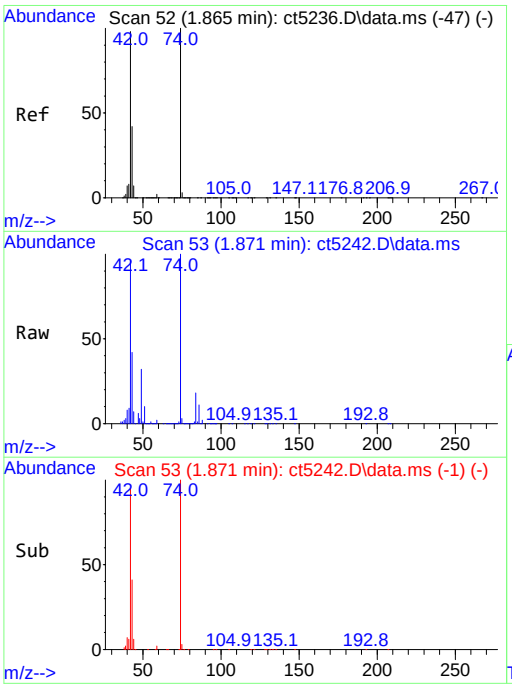


#3
Pyridine
Concen: 9.93 ppm
RT: 1.887 min Scan# 56
Delta R.T. 0.006 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 79 Resp: 197754

Ion	Ratio	Lower	Upper
79	100		
52	95.0	65.5	125.5
50	36.8	5.9	65.9

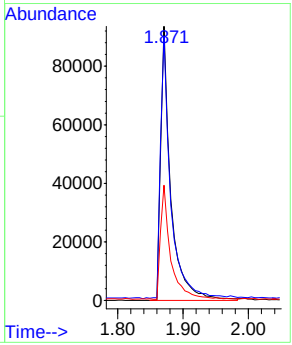


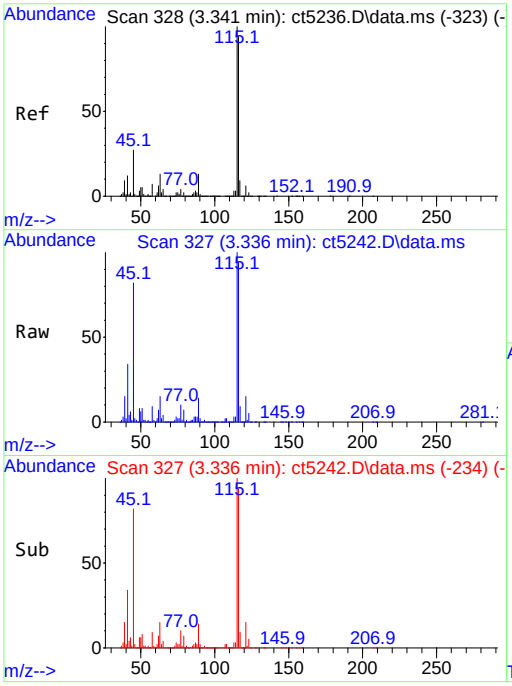


#4
N-Nitrosodimethylamine
Concen: 9.93 ppm
RT: 1.871 min Scan# 53
Delta R.T. 0.006 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 74 Resp: 100986

Ion	Ratio	Lower	Upper
74	100		
42	95.6	68.1	128.1
43	41.6	12.5	72.5

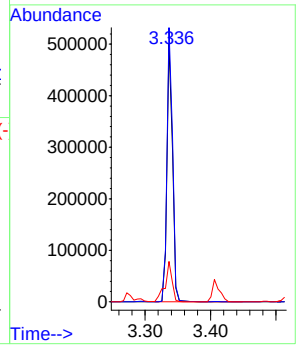


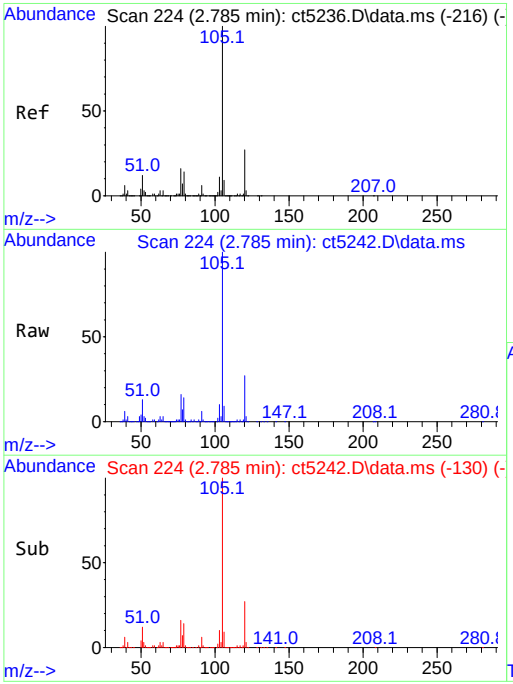


#6
Indene
Concen: 12.60 ppm
RT: 3.336 min Scan# 327
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:116 Resp: 297630

Ion	Ratio	Lower	Upper
116	100		
115	106.2	76.2	136.2
63	15.5	0.0	44.0

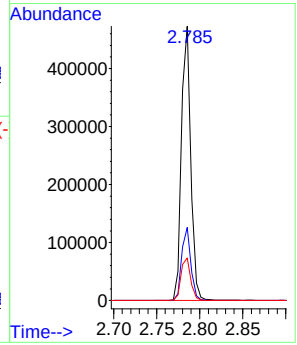


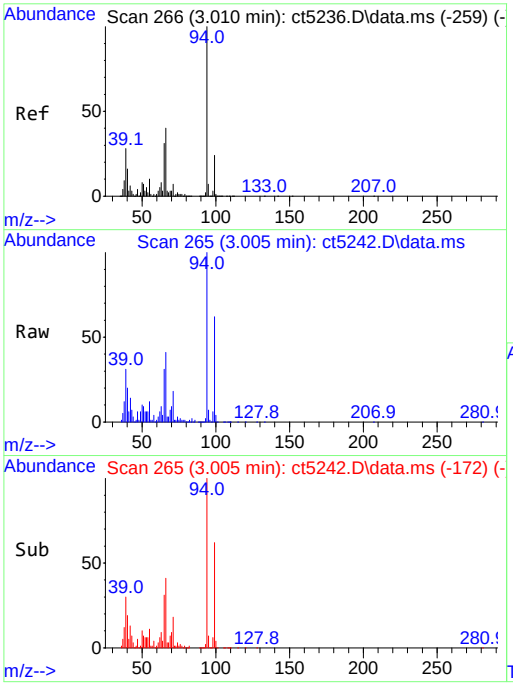


#7
Cumene
Concen: 11.04 ppm
RT: 2.785 min Scan# 224
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:105 Resp: 354859

Ion	Ratio	Lower	Upper
105	100		
120	26.6	0.0	57.0
77	15.5	0.0	45.8

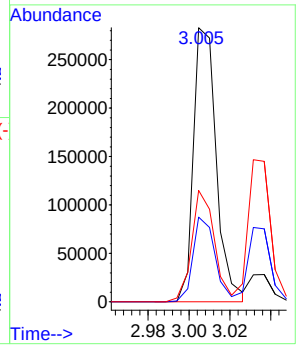


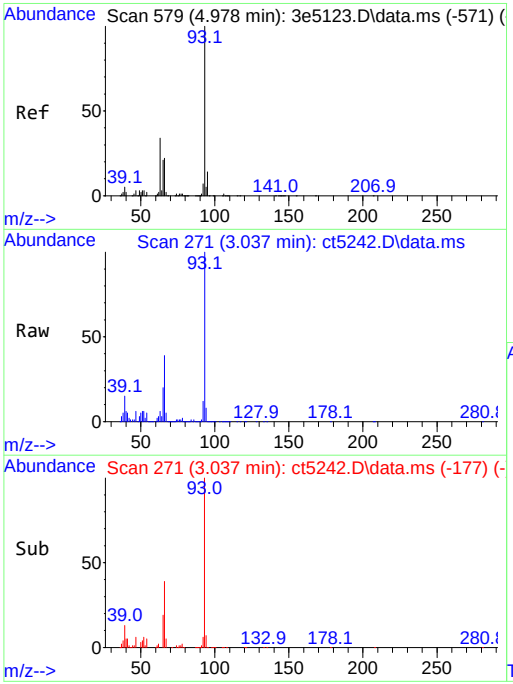


#9
Phenol
Concen: 11.26 ppm
RT: 3.005 min Scan# 265
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 94 Resp: 220676

Ion	Ratio	Lower	Upper
94	100		
65	29.6	0.0	59.7
66	37.9	8.2	68.2

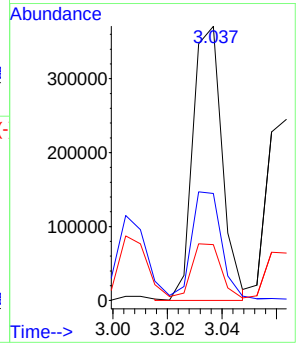


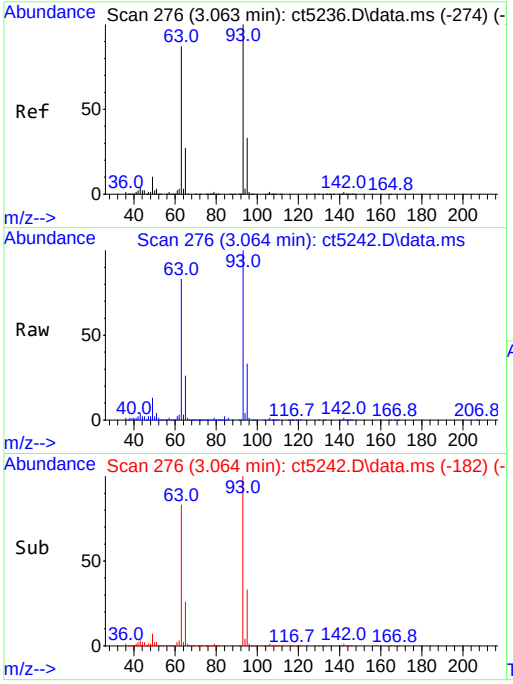


#10
Aniline
Concen: 10.50 ppm
RT: 3.037 min Scan# 271
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 93 Resp: 275547

Ion	Ratio	Lower	Upper
93	100		
66	35.5	10.4	70.4
65	17.4	0.0	50.8

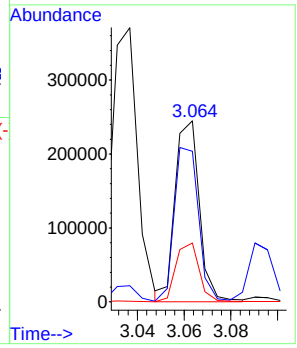


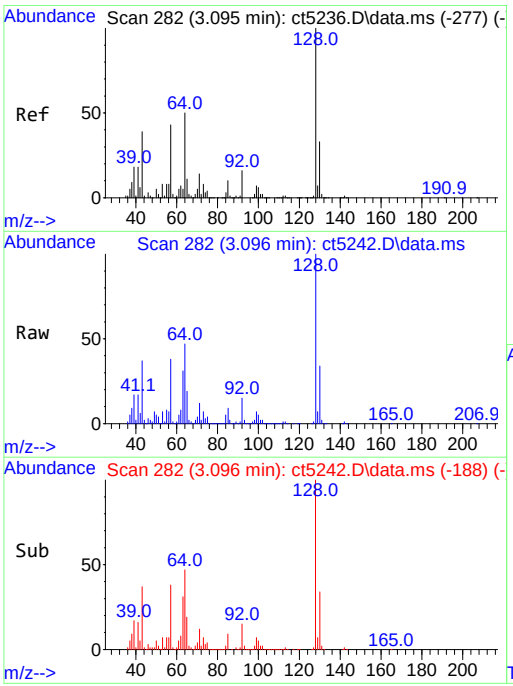


#11
bis(2-Chloroethyl)ether
Concen: 11.45 ppm
RT: 3.064 min Scan# 276
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 93 Resp: 176566

Ion	Ratio	Lower	Upper
93	100		
63	83.4	55.8	115.8
95	33.6	2.8	62.8

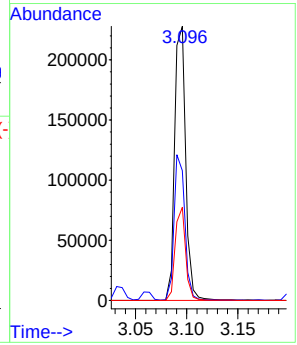


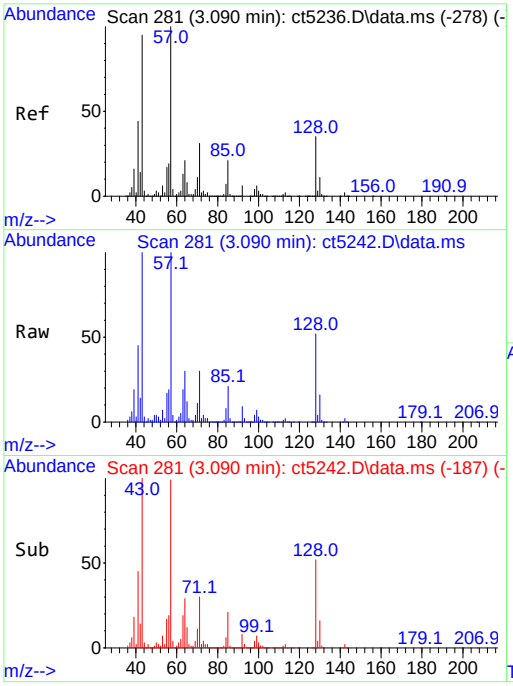


#12
2-Chlorophenol
Concen: 11.66 ppm
RT: 3.096 min Scan# 282
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:128 Resp: 172242

Ion	Ratio	Lower	Upper
128	100		
64	47.1	20.1	80.1
130	34.0	3.0	63.0

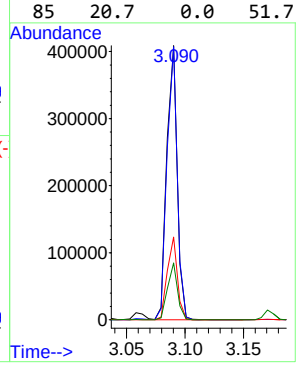


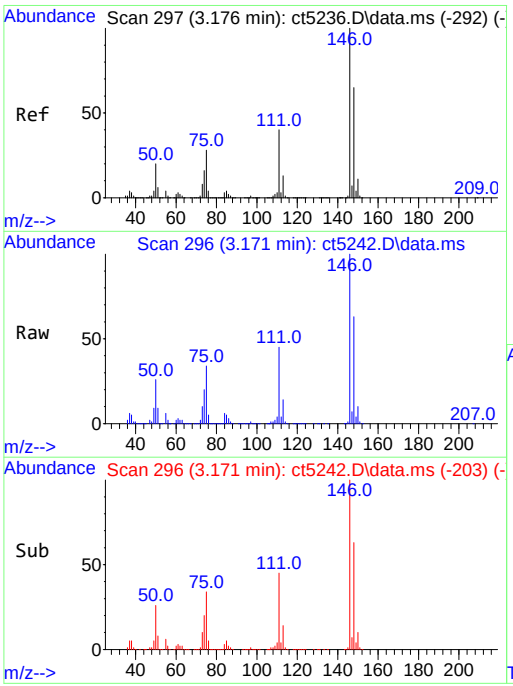


#13
Decane
Concen: 13.07 ppm
RT: 3.090 min Scan# 281
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 43 Resp: 252765

Ion	Ratio	Lower	Upper
43	100		
57	99.5	74.9	134.9
71	30.1	2.5	62.5
85	20.7	0.0	51.7

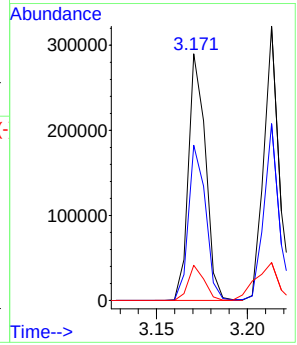


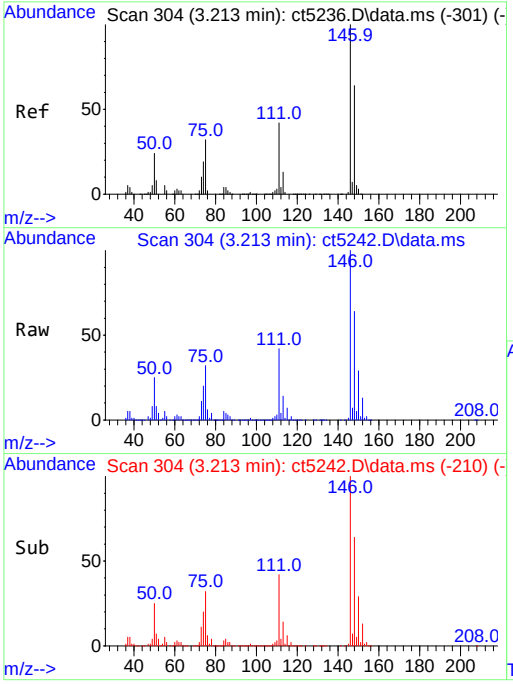


#14
1,3-Dichlorobenzene
Concen: 11.06 ppm
RT: 3.171 min Scan# 296
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:146 Resp: 188636

Ion	Ratio	Lower	Upper
146	100		
148	62.8	34.7	94.7
113	13.1	0.0	42.9

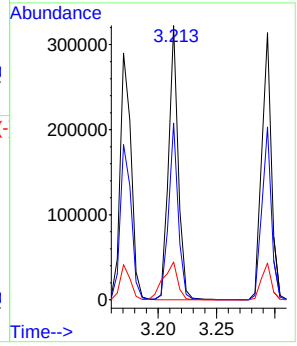


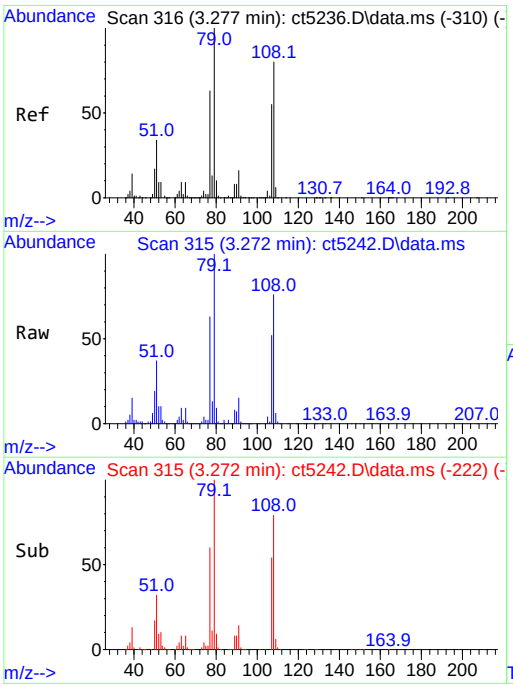


#15
1,4-Dichlorobenzene
Concen: 11.08 ppm
RT: 3.213 min Scan# 304
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:146 Resp: 185831

Ion	Ratio	Lower	Upper
146	100		
148	64.3	34.0	94.0
113	12.9	0.0	43.5

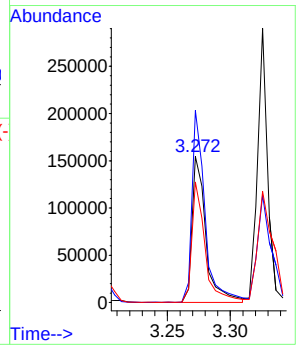


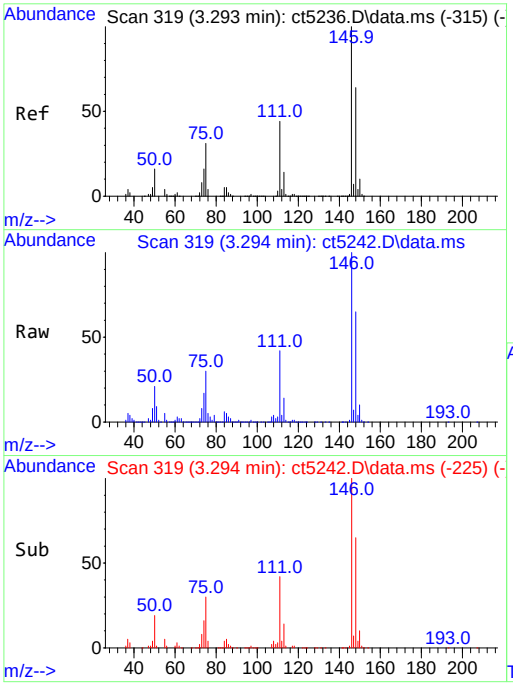


#16
Benzyl alcohol
Concen: 10.78 ppm
RT: 3.272 min Scan# 315
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:108 Resp: 119010

Ion	Ratio	Lower	Upper
108	100		
79	131.6	95.0	155.0
77	82.6	49.3	109.3

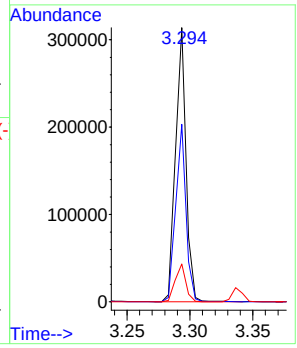


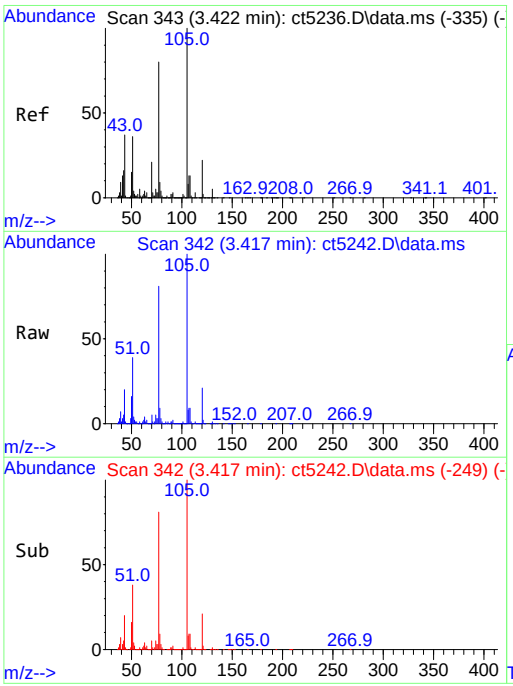


#17
1,2-Dichlorobenzene
Concen: 11.16 ppm
RT: 3.294 min Scan# 319
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:146 Resp: 181032

Ion	Ratio	Lower	Upper
146	100		
148	64.7	34.2	94.2
113	12.3	0.0	44.1

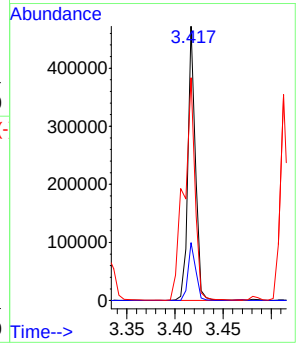


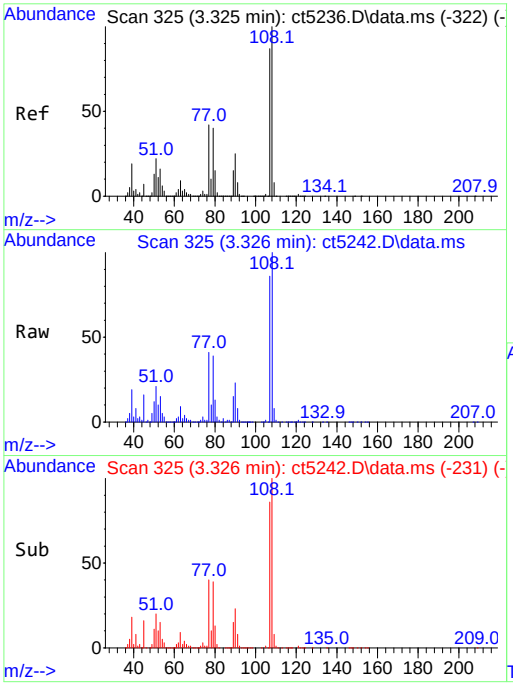


#18
Acetophenone
Concen: 12.96 ppm
RT: 3.417 min Scan# 342
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:105 Resp: 256584

Ion	Ratio	Lower	Upper
105	100		
120	20.9	0.0	51.5
77	81.1	49.8	109.8

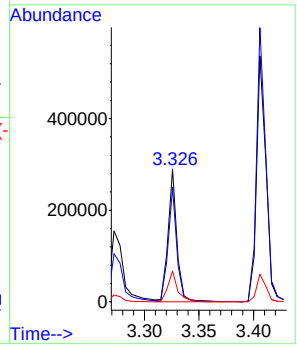


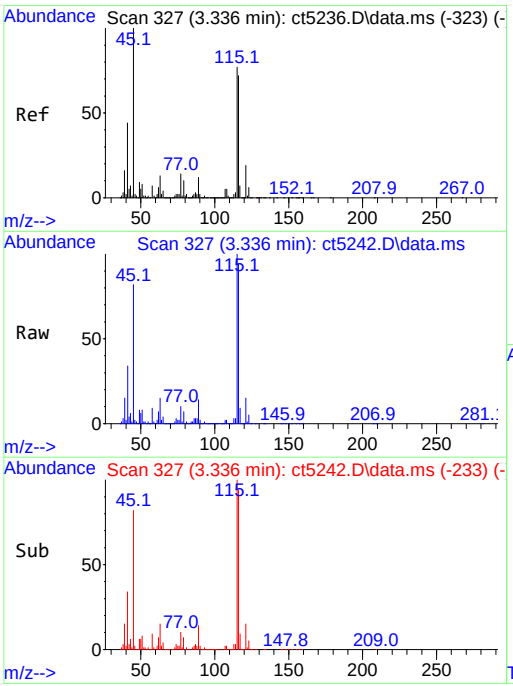


#19
2-Methylphenol
Concen: 11.70 ppm
RT: 3.326 min Scan# 325
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:108 Resp: 165511

Ion	Ratio	Lower	Upper
108	100		
107	86.1	57.1	117.1
90	23.4	0.0	54.8

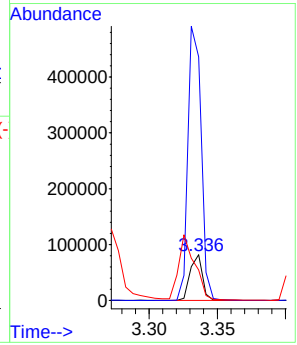


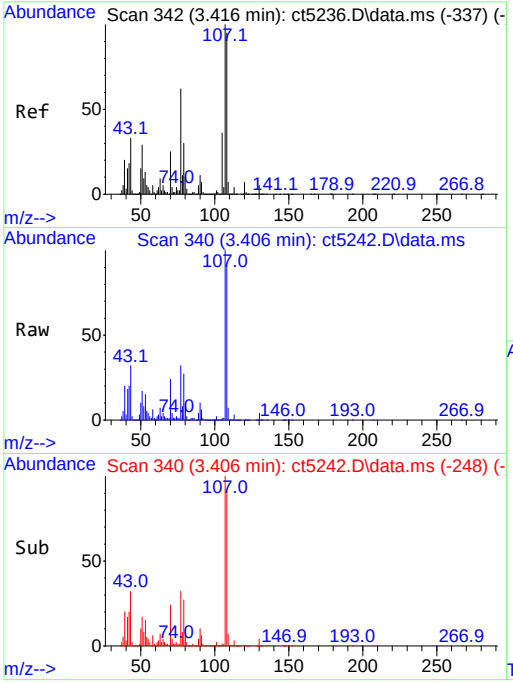


#20
2,2'-oxybis(1-Chloropropane
Concen: 12.76 ppm
RT: 3.336 min Scan# 327
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:121 Resp: 51129

Ion	Ratio	Lower	Upper
121	100		
45	533.1	508.3	568.3
77	63.8	44.5	104.5

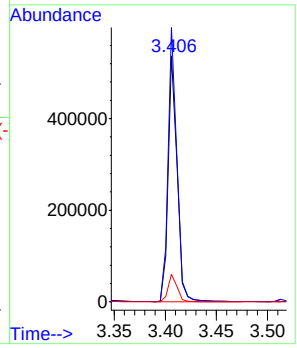


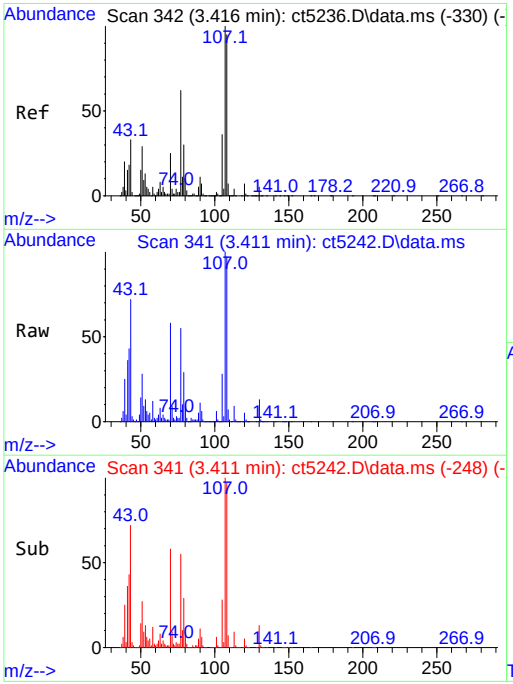


#21
3&4-Methylphenol
Concen: 26.26 ppm
RT: 3.406 min Scan# 340
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:108 Resp: 323670

Ion	Ratio	Lower	Upper
108	100		
107	111.5	74.9	134.9
90	11.2	0.0	41.4

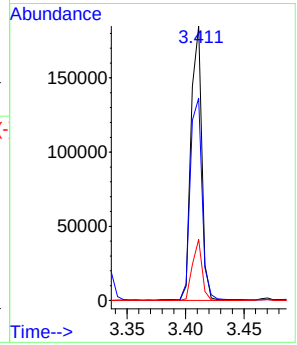


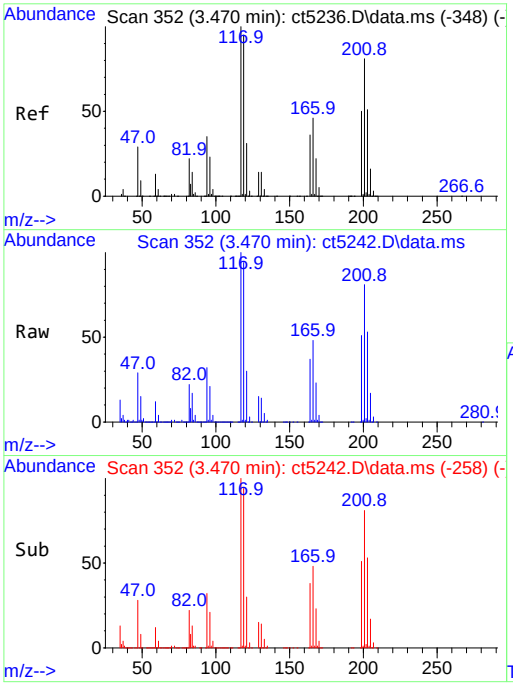


#22
n-Nitroso-di-n-propylamine
Concen: 12.52 ppm
RT: 3.411 min Scan# 341
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 70 Resp: 117554

Ion	Ratio	Lower	Upper
70	100		
42	73.6	42.3	102.3
130	22.3	0.0	50.5

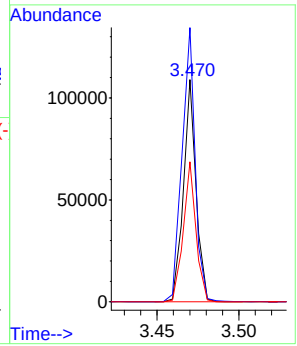


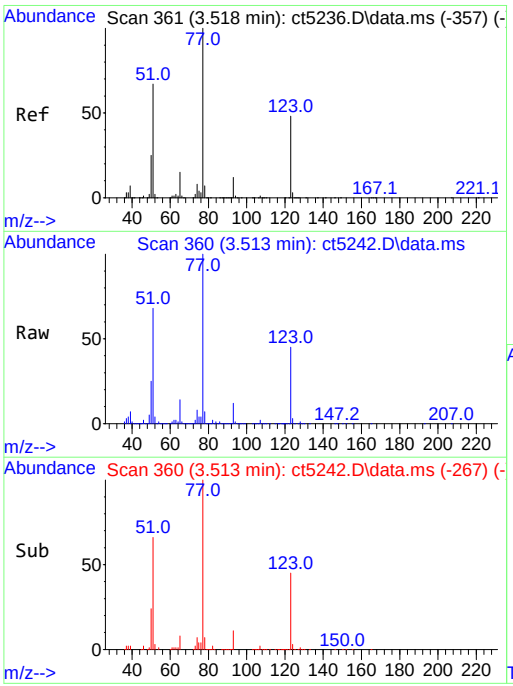


#23
Hexachloroethane
Concen: 10.67 ppm
RT: 3.470 min Scan# 352
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:201 Resp: 58656

Ion	Ratio	Lower	Upper
201	100		
117	123.3	93.9	153.9
199	63.0	32.2	92.2

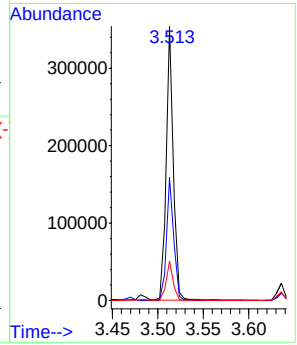


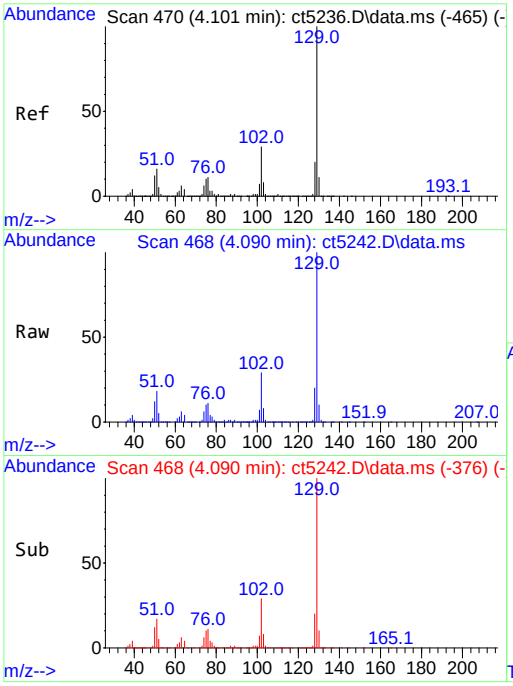


#26
Nitrobenzene
Concen: 11.04 ppm
RT: 3.513 min Scan# 360
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 77 Resp: 191460

Ion	Ratio	Lower	Upper
77	100		
123	44.9	18.0	78.0
65	14.3	0.0	44.7

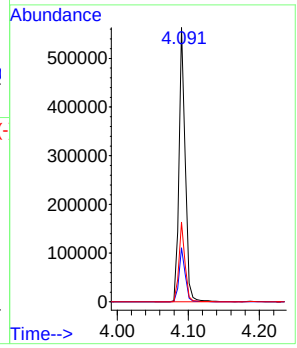


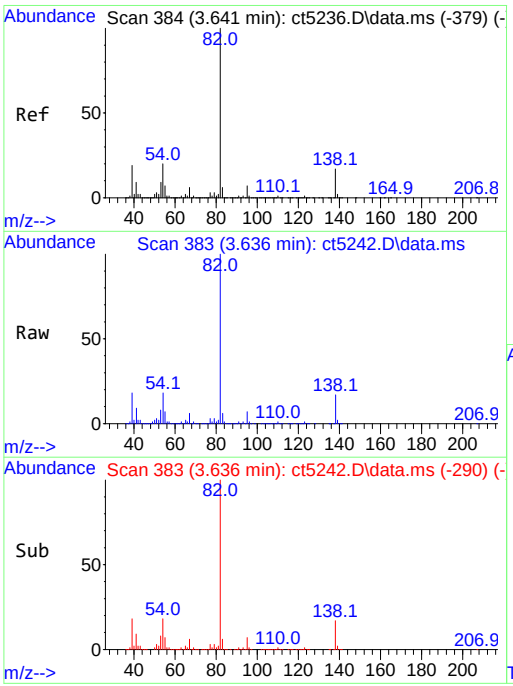


#27
Quinoline
Concen: 10.95 ppm
RT: 4.090 min Scan# 468
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:129 Resp: 340511

Ion	Ratio	Lower	Upper
129	100		
128	19.6	0.0	49.7
102	29.0	0.0	58.7

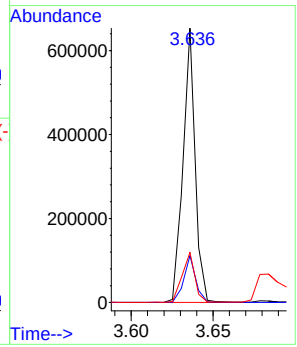


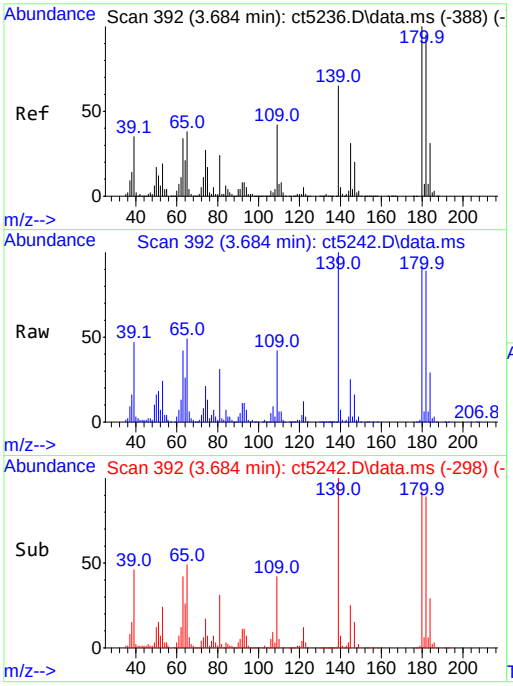


#28
Isophorone
Concen: 11.02 ppm
RT: 3.636 min Scan# 383
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 82 Resp: 337973

Ion	Ratio	Lower	Upper
82	100		
138	17.1	0.0	47.0
39	18.2	0.0	49.1

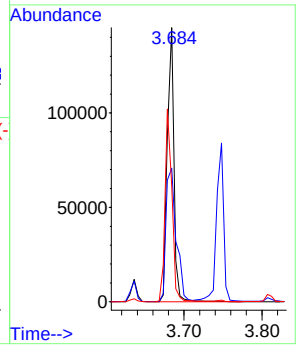


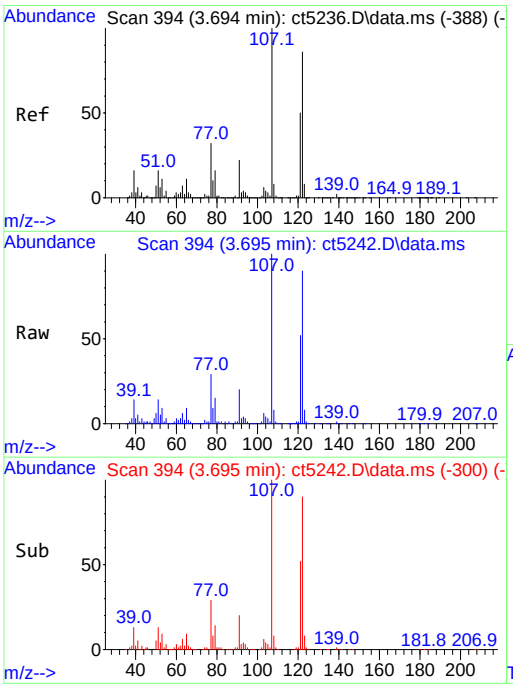


#29
2-Nitrophenol
Concen: 11.06 ppm
RT: 3.684 min Scan# 392
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:139 Resp: 85878

Ion	Ratio	Lower	Upper
139	100		
65	48.6	28.1	88.1
109	42.3	35.1	95.1

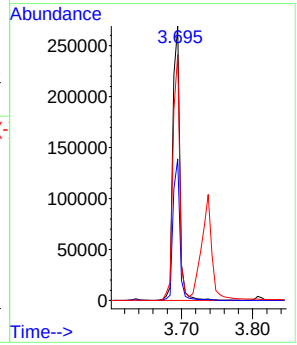


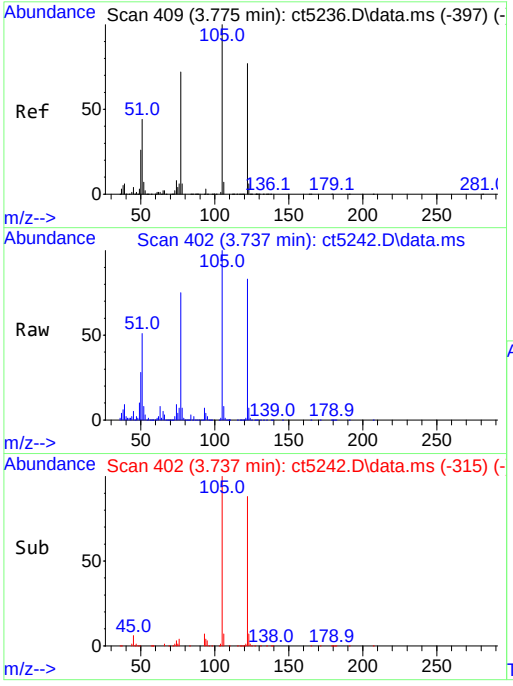


#30
2,4-Dimethylphenol
Concen: 11.27 ppm
RT: 3.695 min Scan# 394
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:107 Resp: 181624

Ion	Ratio	Lower	Upper
107	100		
121	51.5	19.9	79.9
122	89.4	51.6	111.6

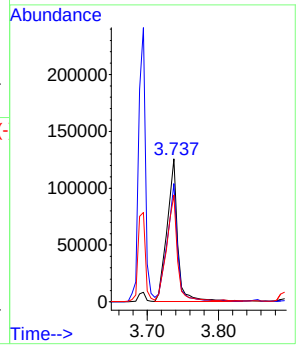


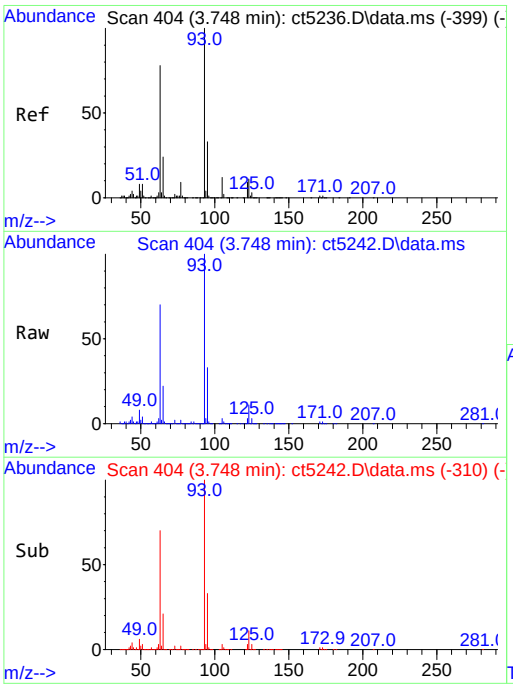


#31
Benzoic acid
Concen: 8.99 ppm
RT: 3.737 min Scan# 402
Delta R.T. -0.037 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:105 Resp: 131144

Ion	Ratio	Lower	Upper
105	100		
122	81.1	48.8	108.8
77	74.1	43.0	103.0

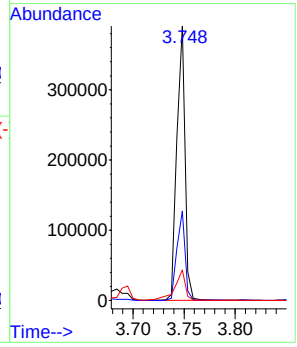


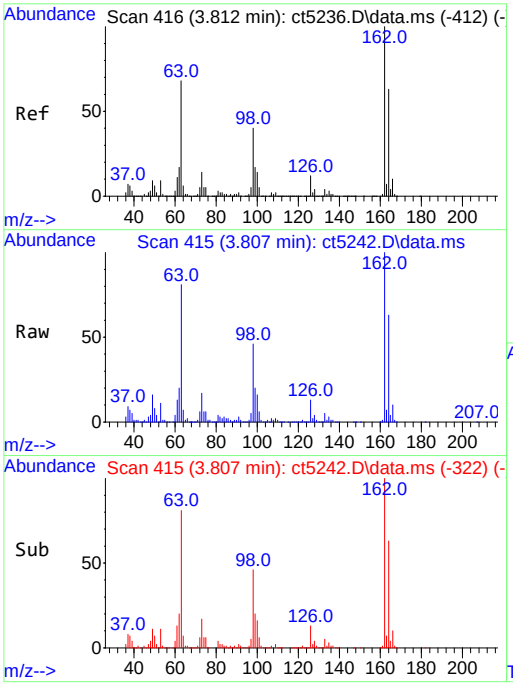


#32
bis(2-Chloroethoxy)methane
Concen: 11.57 ppm
RT: 3.748 min Scan# 404
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 93 Resp: 217532

Ion	Ratio	Lower	Upper
93	100		
95	32.5	2.7	62.7
123	10.8	0.0	40.7

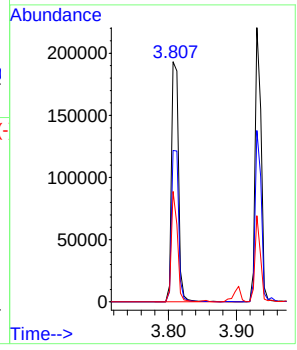


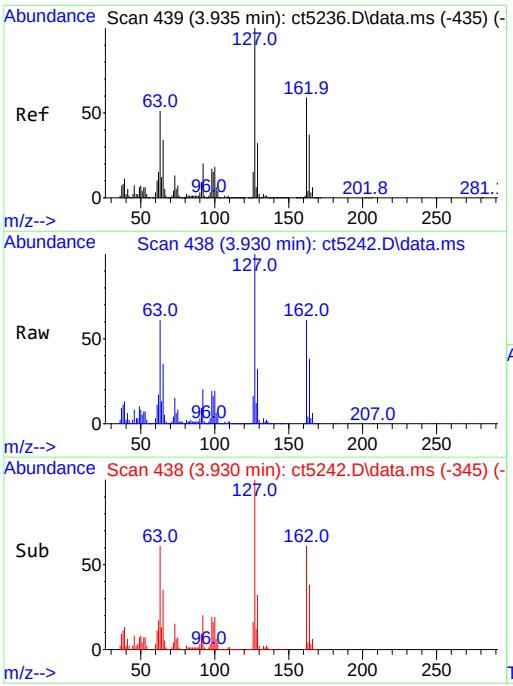


#33
2,4-Dichlorophenol
Concen: 10.83 ppm
RT: 3.807 min Scan# 415
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:162 Resp: 137589

Ion	Ratio	Lower	Upper
162	100		
164	63.0	33.4	93.4
98	45.6	10.2	70.2

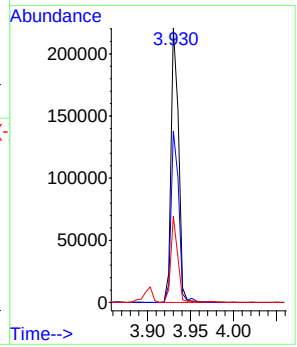


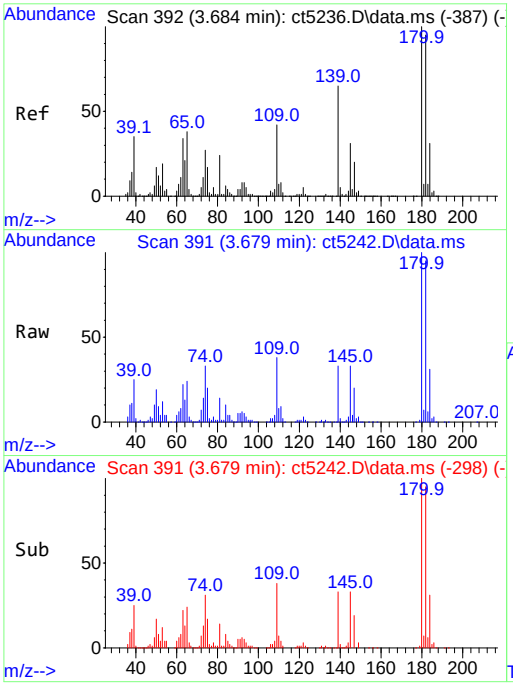


#34
2,6-Dichlorophenol
Concen: 11.96 ppm
RT: 3.930 min Scan# 438
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:162 Resp: 133472

Ion	Ratio	Lower	Upper
162	100		
164	62.4	33.8	93.8
98	31.0	0.0	58.3

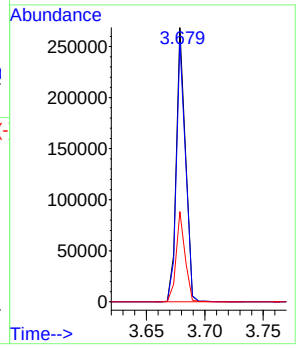


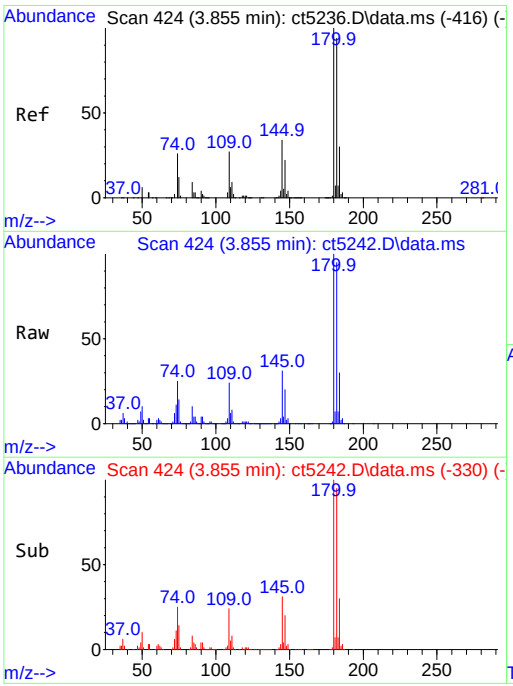


#35
1,3,5-Trichlorobenzene
Concen: 11.59 ppm
RT: 3.679 min Scan# 391
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:180 Resp: 146752

Ion	Ratio	Lower	Upper
180	100		
182	94.6	64.6	124.6
145	32.9	0.9	60.9

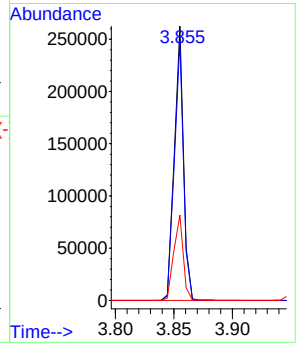


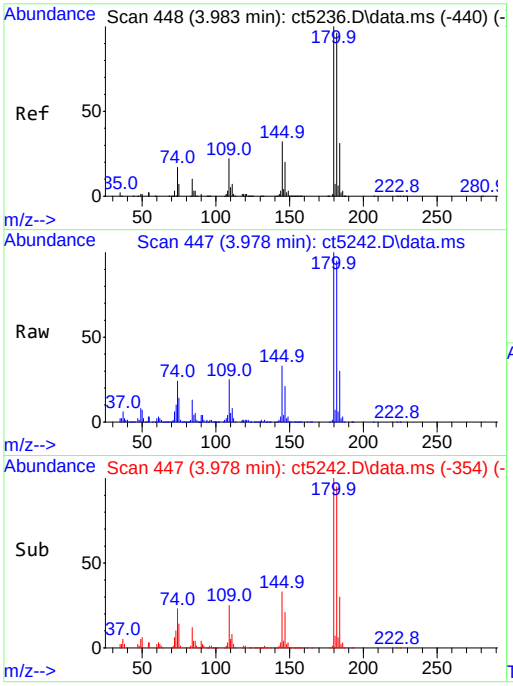


#36
1,2,4-Trichlorobenzene
Concen: 11.21 ppm
RT: 3.855 min Scan# 424
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:180 Resp: 143408

Ion	Ratio	Lower	Upper
180	100		
182	94.7	63.6	123.6
145	31.1	4.3	64.3

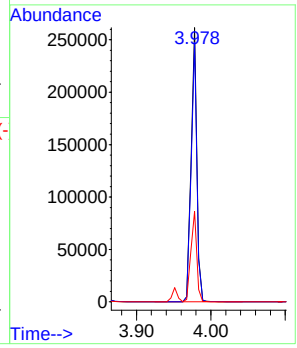


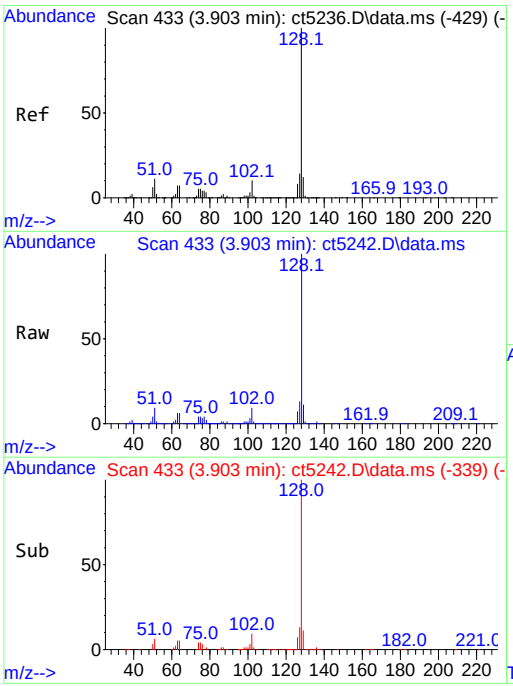


#37
1,2,3-Trichlorobenzene
Concen: 11.22 ppm
RT: 3.978 min Scan# 447
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:180 Resp: 139908

Ion	Ratio	Lower	Upper
180	100		
182	94.7	65.9	125.9
145	33.0	2.0	62.0

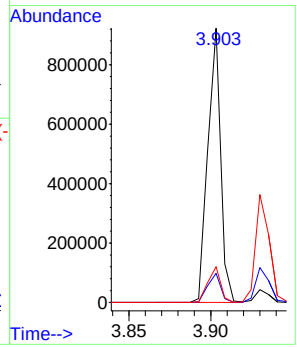


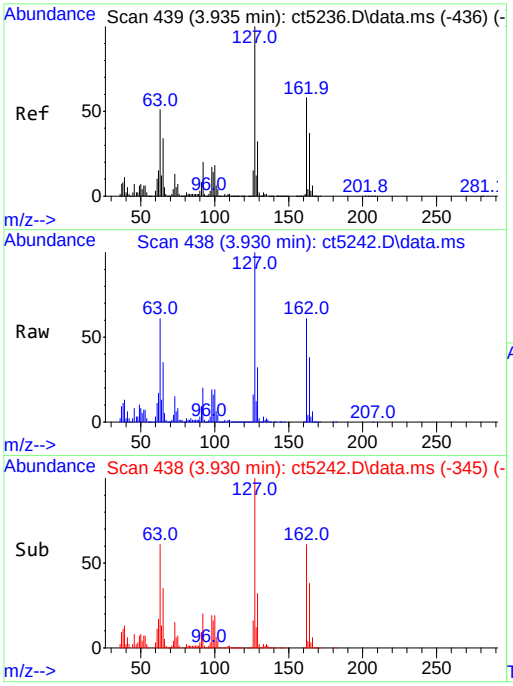


#38
Naphthalene
Concen: 12.00 ppm
RT: 3.903 min Scan# 433
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:128 Resp: 504357

Ion	Ratio	Lower	Upper
128	100		
129	10.6	0.0	41.7
127	13.0	0.0	43.6

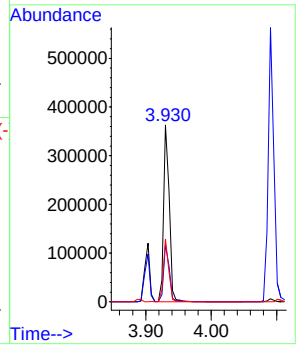


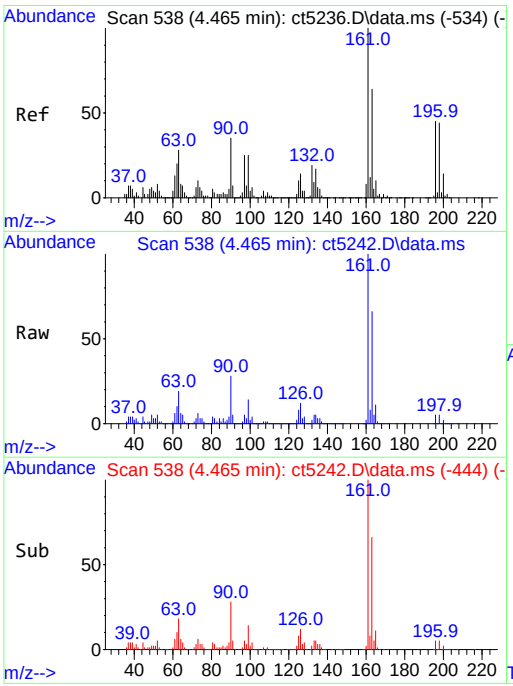


#39
4-Chloroaniline
Concen: 12.32 ppm
RT: 3.930 min Scan# 438
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:127 Resp: 215979

Ion	Ratio	Lower	Upper
127	100		
129	32.4	2.2	62.2
65	35.4	4.0	64.0

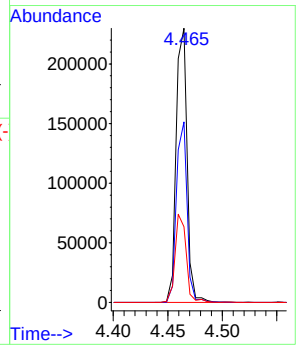


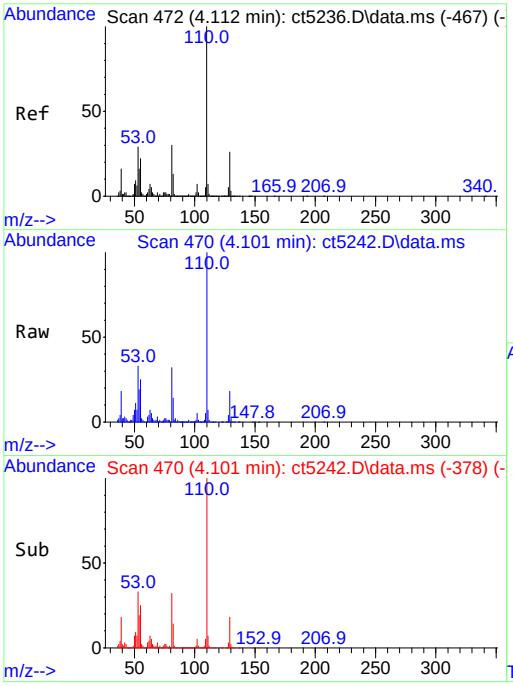


#40
2,3-Dichloroaniline
Concen: 11.70 ppm
RT: 4.465 min Scan# 538
Delta R.T. 0.000 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:161 Resp: 161017

Ion	Ratio	Lower	Upper
161	100		
163	65.8	34.3	94.3
90	27.6	5.3	65.3

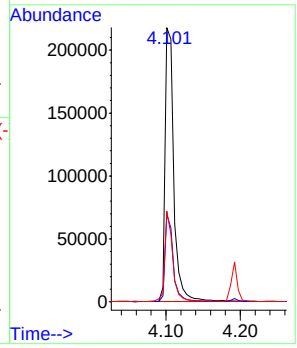


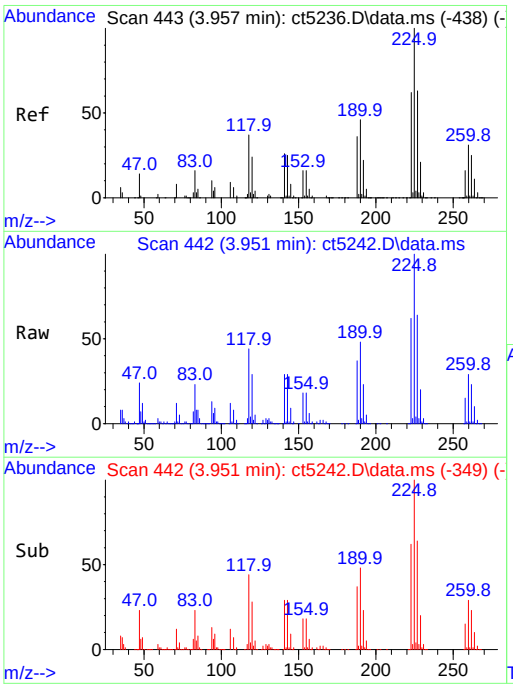


#41
Hydroquinone
Concen: 10.96 ppm
RT: 4.101 min Scan# 470
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:110 Resp: 178272

Ion	Ratio	Lower	Upper
110	100		
81	31.8	0.1	60.1
53	32.6	0.0	59.2

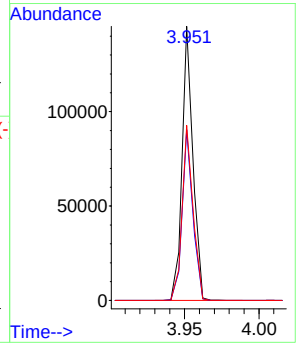


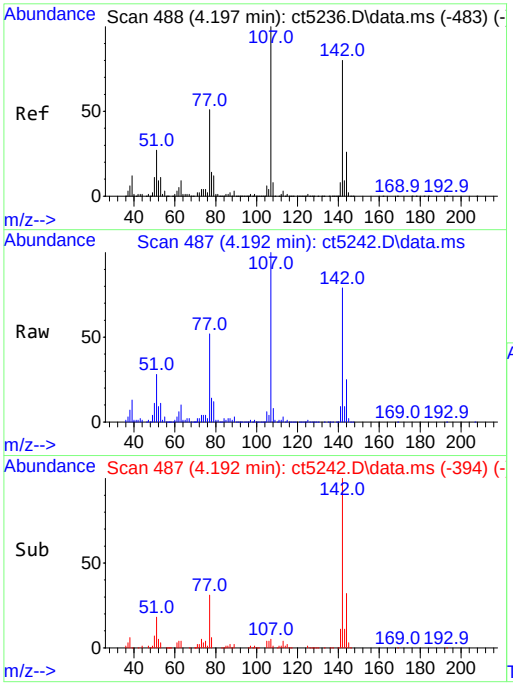


#42
Hexachlorobutadiene
Concen: 11.09 ppm
RT: 3.951 min Scan# 442
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:225 Resp: 73829

Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.1	92.1
227	63.8	33.3	93.3

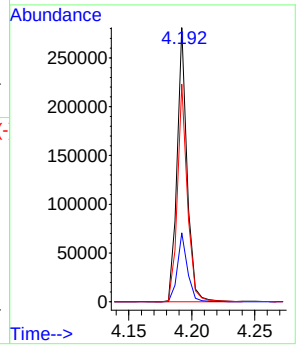


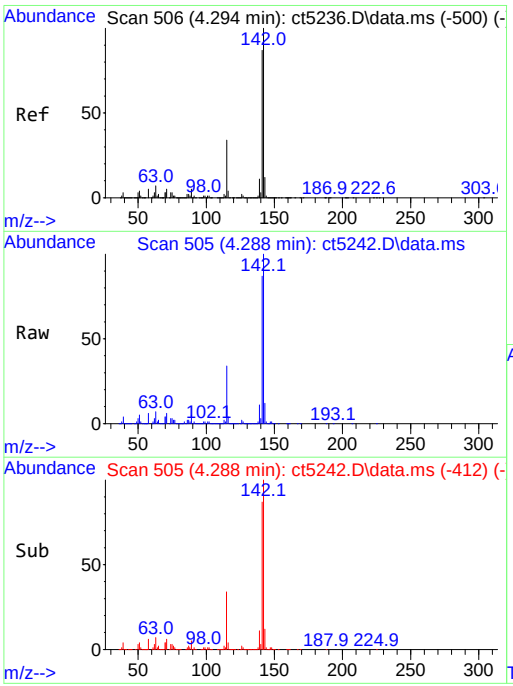


#43
4-Chloro-3-methylphenol
Concen: 11.00 ppm
RT: 4.192 min Scan# 487
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:107 Resp: 154690

Ion	Ratio	Lower	Upper
107	100		
144	25.1	0.0	55.9
142	79.4	43.8	103.8

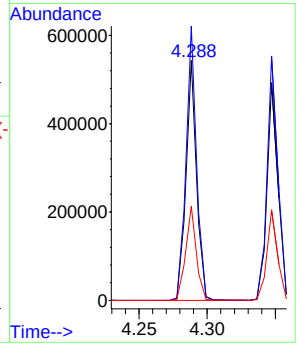


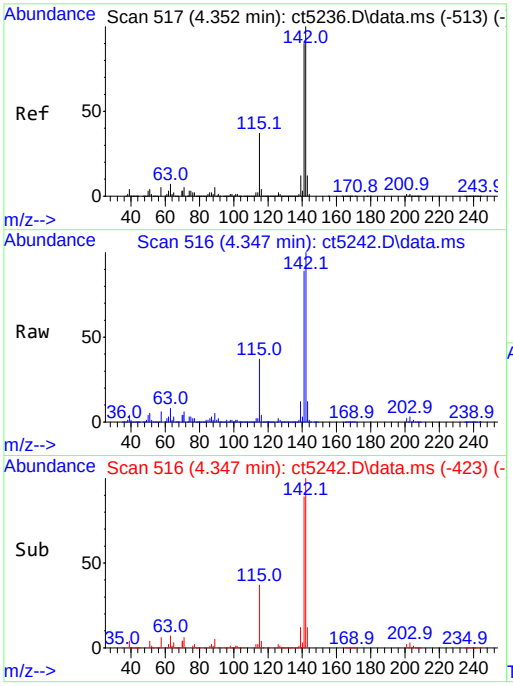


#44
2-Methylnaphthalene
Concen: 11.86 ppm
RT: 4.288 min Scan# 505
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:141 Resp: 293083

Ion	Ratio	Lower	Upper
141	100		
142	114.3	85.2	145.2
115	39.3	9.7	69.7

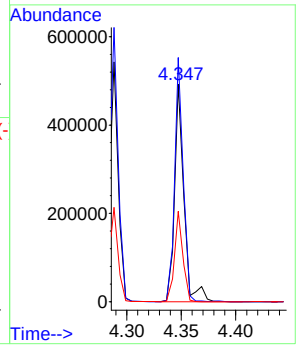


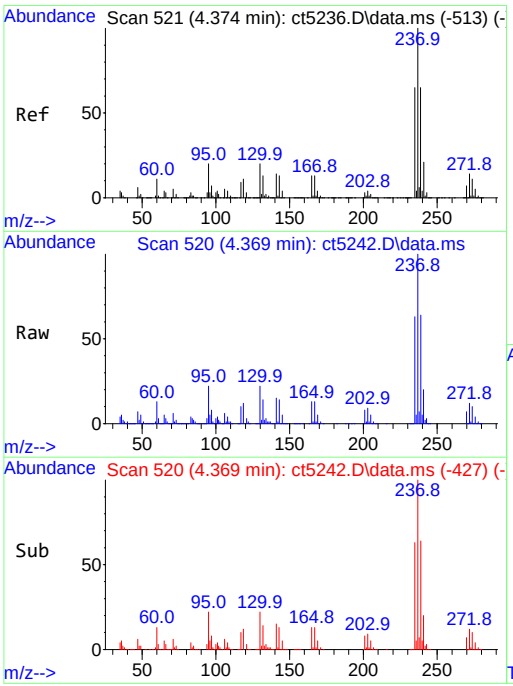


#45
1-Methylnaphthalene
Concen: 11.46 ppm
RT: 4.347 min Scan# 516
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:141 Resp: 295365

Ion	Ratio	Lower	Upper
141	100		
142	112.3	80.8	140.8
115	41.5	10.8	70.8

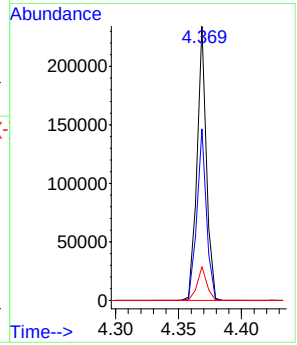


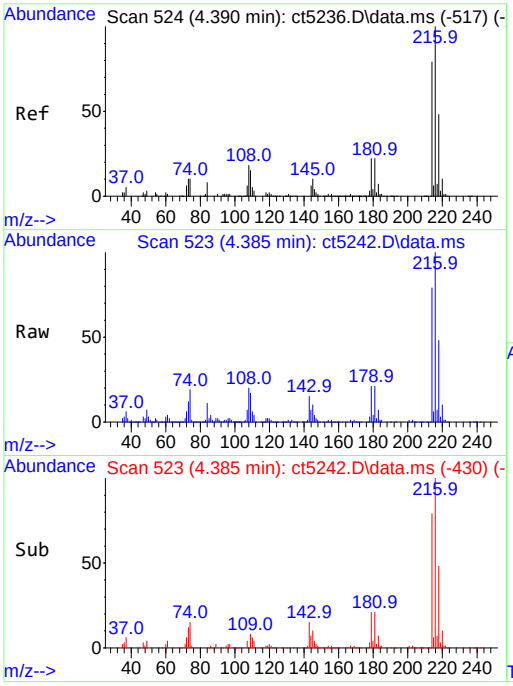


#47
Hexachlorocyclopentadiene
Concen: 19.51 ppm
RT: 4.369 min Scan# 520
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:237 Resp: 122746

Ion	Ratio	Lower	Upper
237	100		
235	62.5	34.5	94.5
272	12.3	0.0	43.6

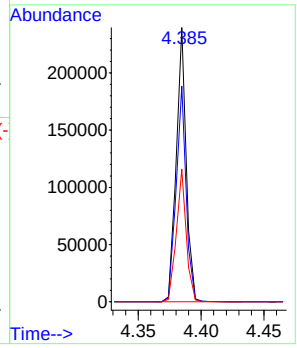


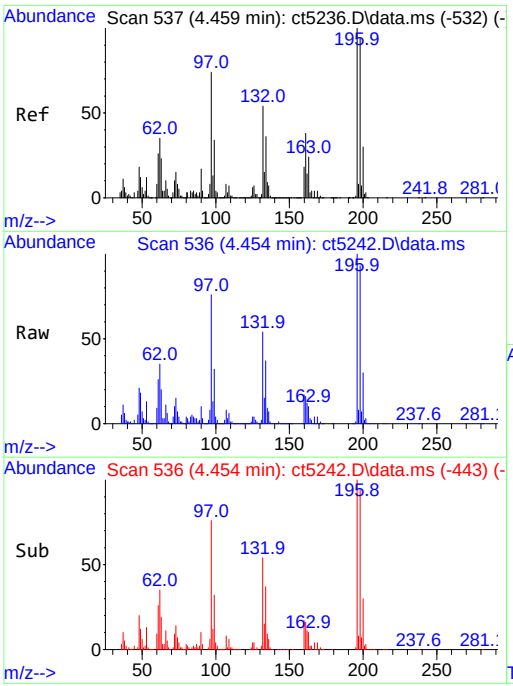


#48
1,2,4,5-tetrachlorobenzene
Concen: 11.66 ppm
RT: 4.385 min Scan# 523
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:216 Resp: 131502

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
218	48.2	38.4	57.6

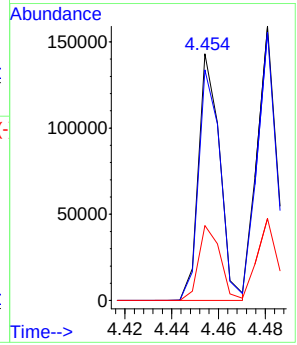


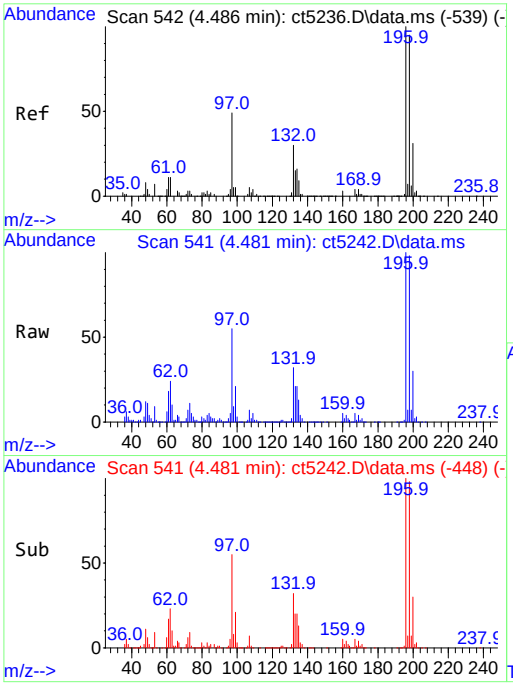


#49
2,4,6-Trichlorophenol
Concen: 11.85 ppm
RT: 4.454 min Scan# 536
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:196 Resp: 90091

Ion	Ratio	Lower	Upper
196	100		
198	93.5	64.2	124.2
200	30.4	0.0	59.5

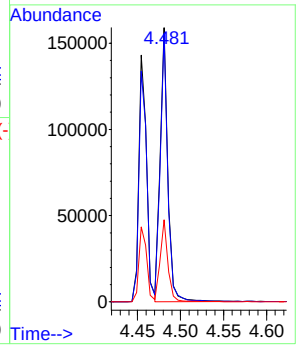


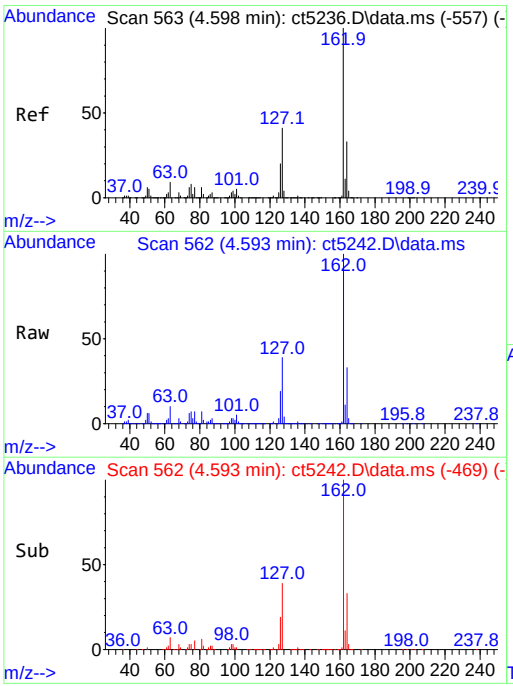


#50
2,4,5-Trichlorophenol
Concen: 10.81 ppm
RT: 4.481 min Scan# 541
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:196 Resp: 98213

Ion	Ratio	Lower	Upper
196	100		
198	97.9	65.2	125.2
200	29.9	0.7	60.7

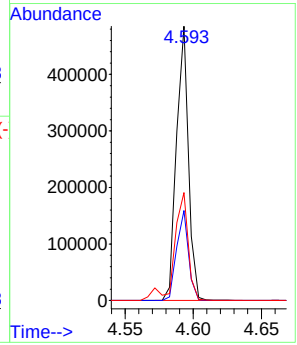


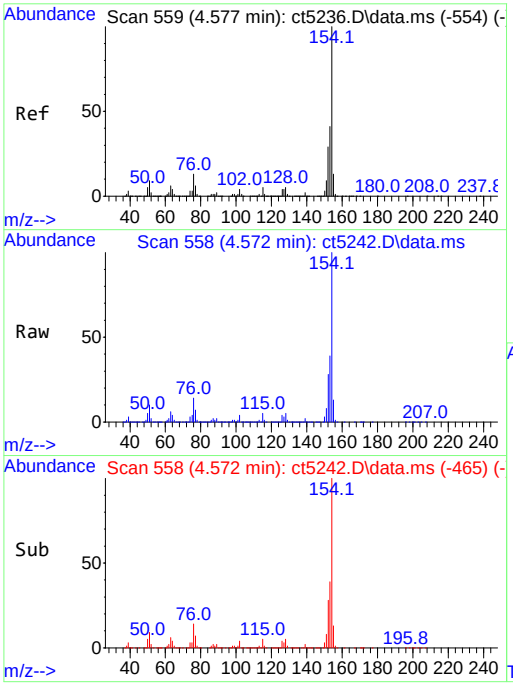


#52
2-Chloronaphthalene
Concen: 11.68 ppm
RT: 4.593 min Scan# 562
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:162 Resp: 298660

Ion	Ratio	Lower	Upper
162	100		
164	32.8	2.8	62.8
127	37.1	11.0	71.0

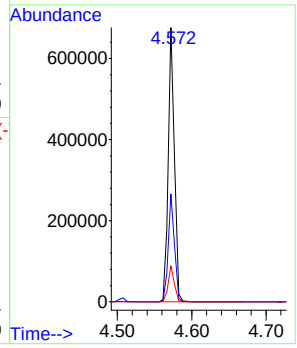


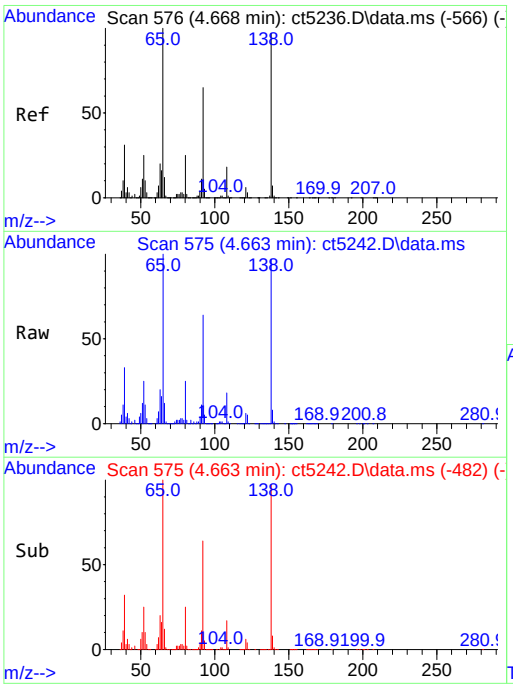


#53
Biphenyl
Concen: 12.09 ppm
RT: 4.572 min Scan# 558
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:154 Resp: 393389

Ion	Ratio	Lower	Upper
154	100		
153	39.3	10.7	70.7
155	13.1	0.0	43.5

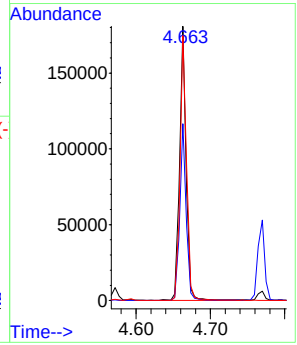


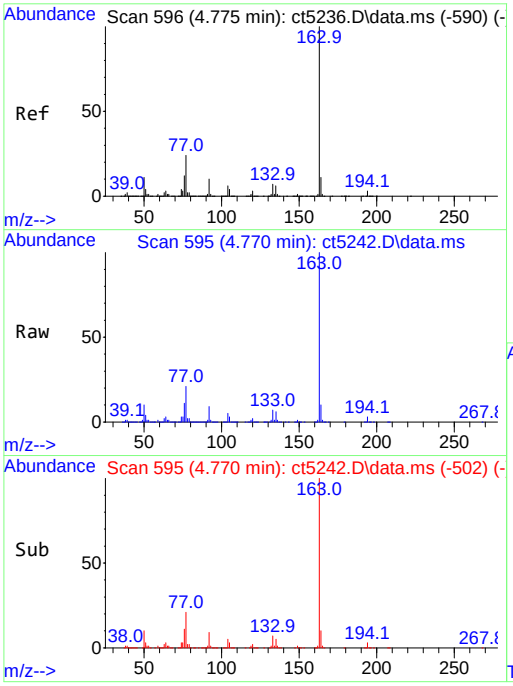


#54
2-Nitroaniline
Concen: 10.77 ppm
RT: 4.663 min Scan# 575
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 65 Resp: 109799

Ion	Ratio	Lower	Upper
65	100		
92	64.4	34.6	94.6
138	96.7	67.0	127.0

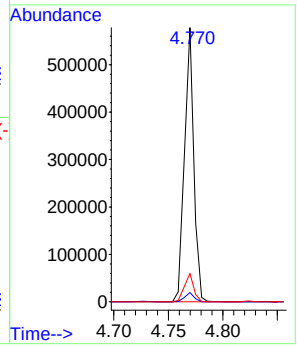


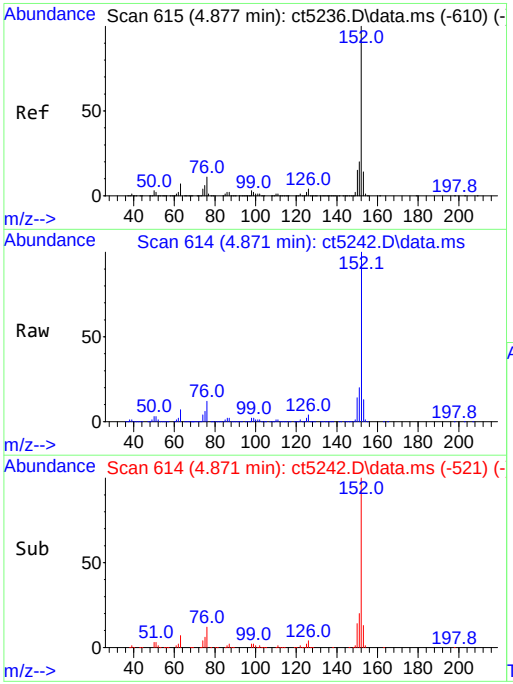


#55
Dimethylphthalate
Concen: 11.27 ppm
RT: 4.770 min Scan# 595
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:163 Resp: 343276

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	33.4
164	10.3	0.0	40.5

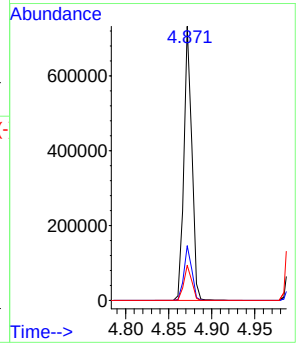


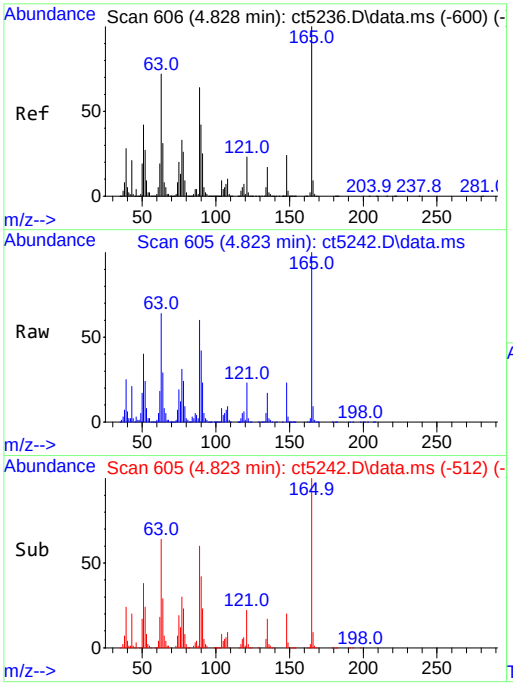


#56
Acenaphthylene
Concen: 11.44 ppm
RT: 4.871 min Scan# 614
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:152 Resp: 467187

Ion	Ratio	Lower	Upper
152	100		
151	20.0	0.0	50.4
153	12.9	0.0	43.6

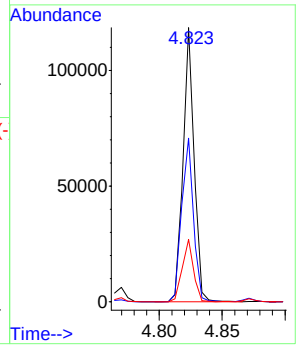


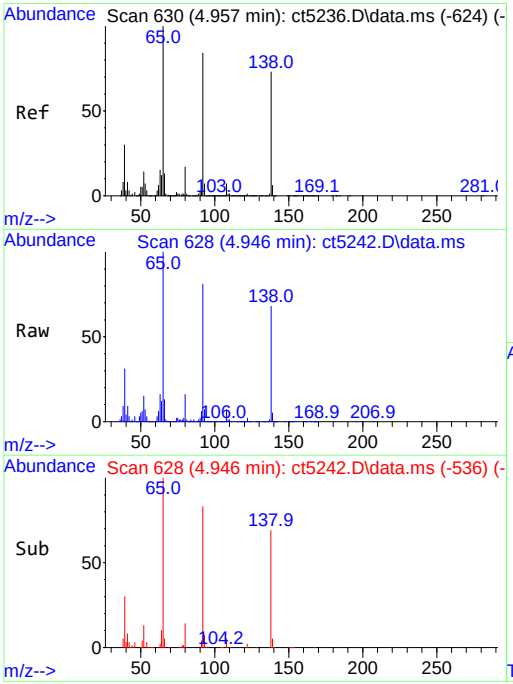


#57
2,6-Dinitrotoluene
Concen: 10.11 ppm
RT: 4.823 min Scan# 605
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:165 Resp: 72247

Ion	Ratio	Lower	Upper
165	100		
89	59.4	34.4	94.4
121	22.6	0.0	53.3

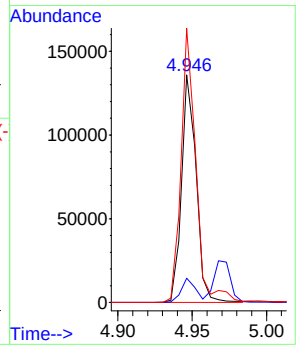


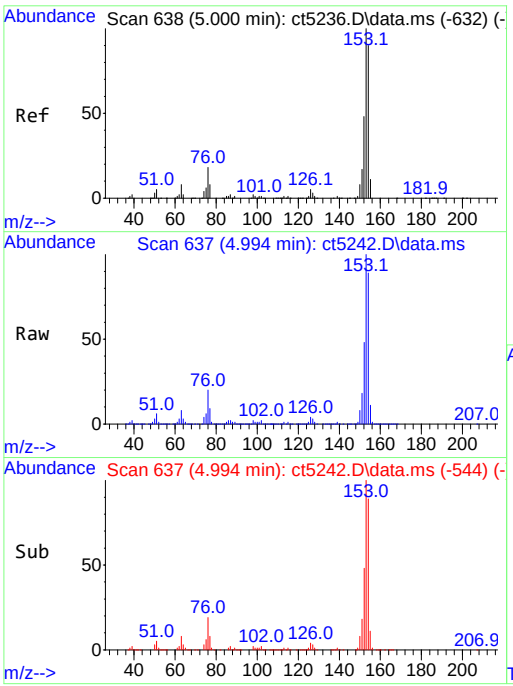


#58
3-Nitroaniline
Concen: 10.29 ppm
RT: 4.946 min Scan# 628
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:138 Resp: 93073

Ion	Ratio	Lower	Upper
138	100		
108	10.5	0.0	40.1
92	120.5	84.8	144.8

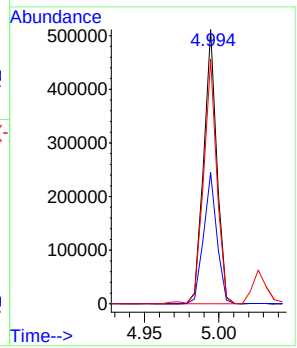


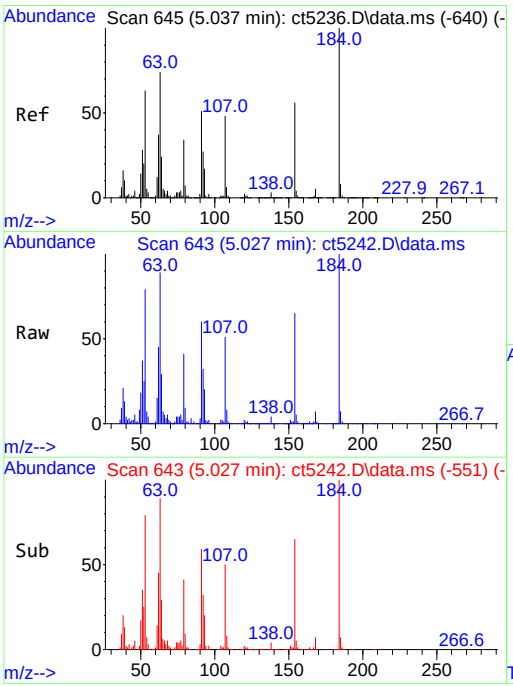


#59
Acenaphthene
Concen: 11.96 ppm
RT: 4.994 min Scan# 637
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:153 Resp: 316395

Ion	Ratio	Lower	Upper
153	100		
152	47.9	18.5	78.5
154	89.1	59.7	119.7

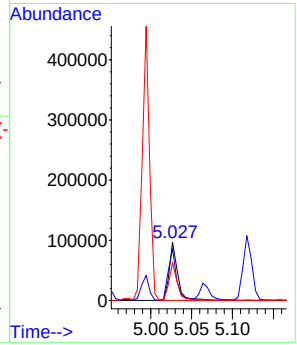


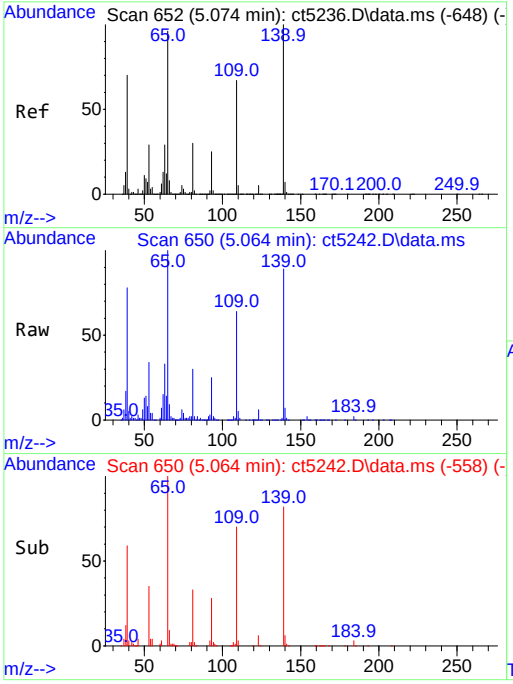


#60
2,4-Dinitrophenol
Concen: 16.24 ppm
RT: 5.027 min Scan# 643
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:184 Resp: 69156

Ion	Ratio	Lower	Upper
184	100		
63	62.9	32.3	92.3
154	59.1	29.0	89.0

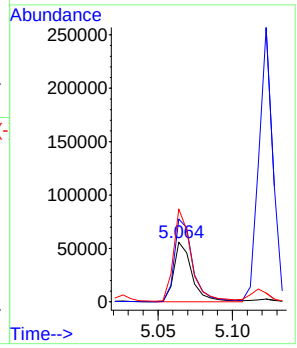


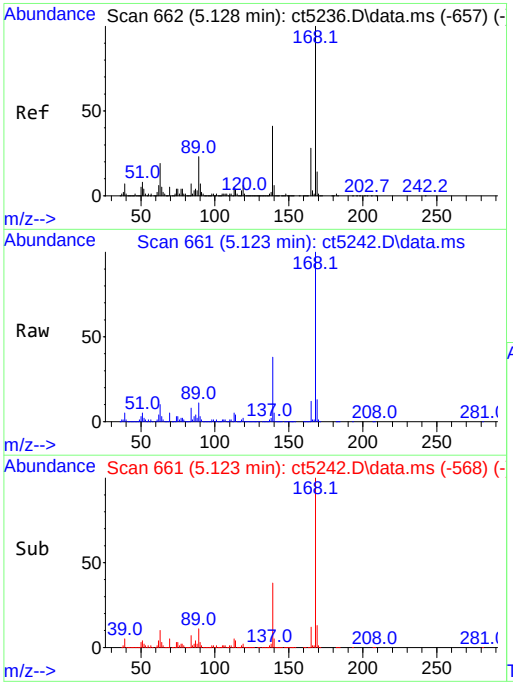


#61
4-Nitrophenol
Concen: 9.62 ppm
RT: 5.064 min Scan# 650
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:109 Resp: 47367

Ion	Ratio	Lower	Upper
109	100		
139	138.7	118.3	178.3
65	154.5	113.1	173.1

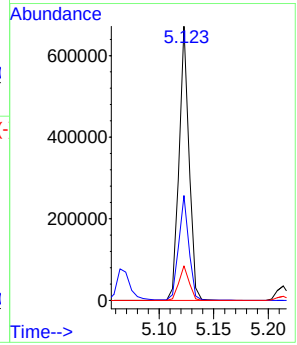


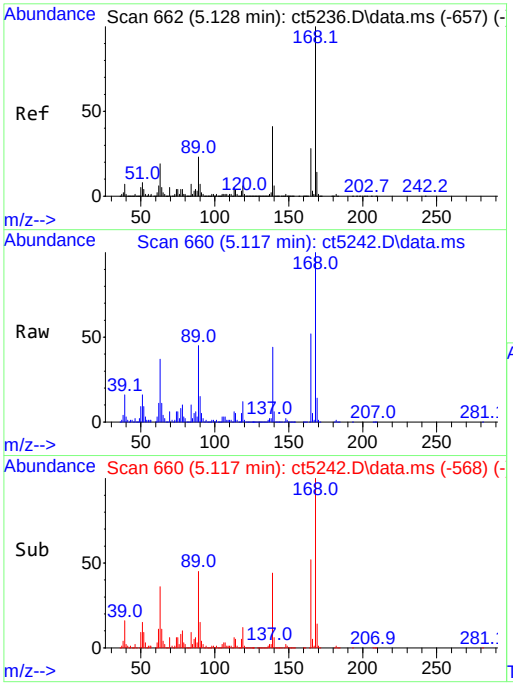


#62
Dibenzofuran
Concen: 12.49 ppm
RT: 5.123 min Scan# 661
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:168 Resp: 427722

Ion	Ratio	Lower	Upper
168	100		
139	38.1	11.5	71.5
169	12.6	0.0	43.8

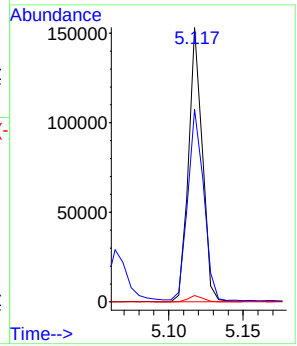


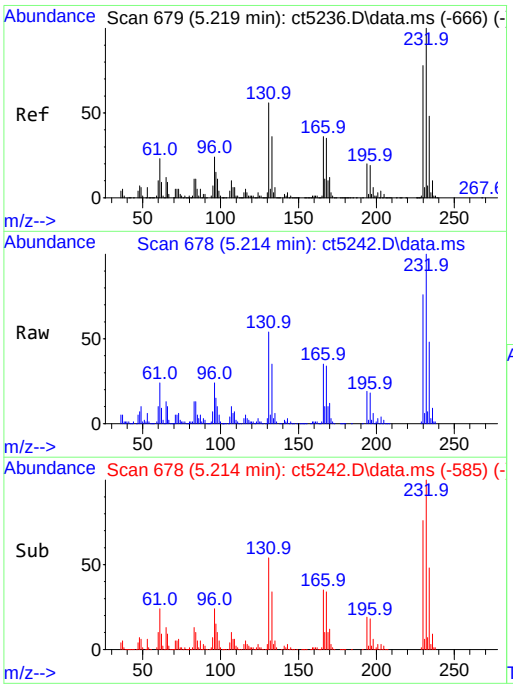


#63
2,4-Dinitrotoluene
Concen: 11.35 ppm
RT: 5.117 min Scan# 660
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:165 Resp: 98582

Ion	Ratio	Lower	Upper
165	100		
63	69.6	35.6	95.6
182	2.3	0.0	32.5

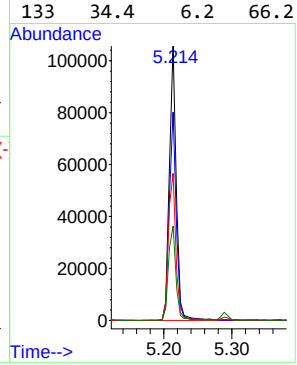


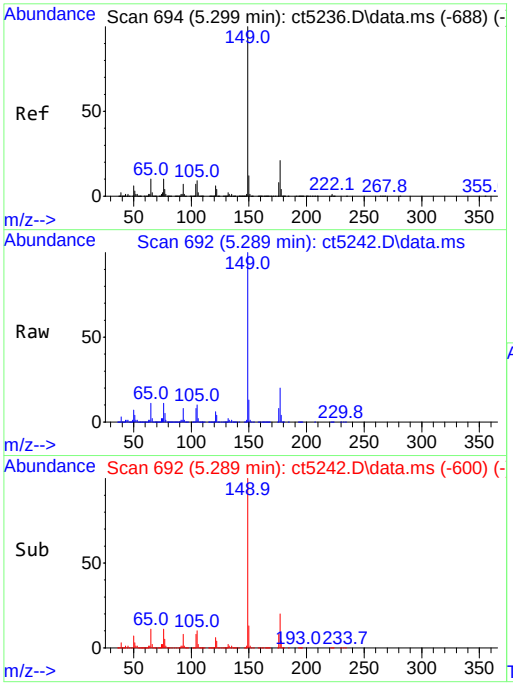


#64
2,3,4,6-Tetrachlorophenol
Concen: 10.77 ppm
RT: 5.214 min Scan# 678
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:232 Resp: 74709

Ion	Ratio	Lower	Upper
232	100		
230	75.9	48.2	108.2
131	53.6	25.8	85.8
133	34.4	6.2	66.2

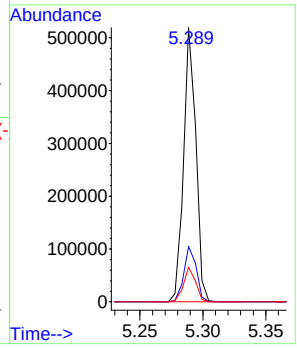


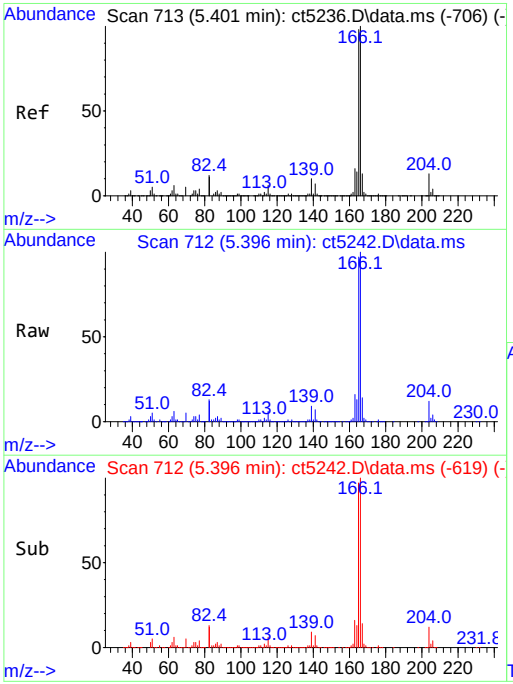


#65
Diethylphthalate
Concen: 11.11 ppm
RT: 5.289 min Scan# 692
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:149 Resp: 351045

Ion	Ratio	Lower	Upper
149	100		
177	20.1	0.0	50.7
150	12.7	0.0	42.5

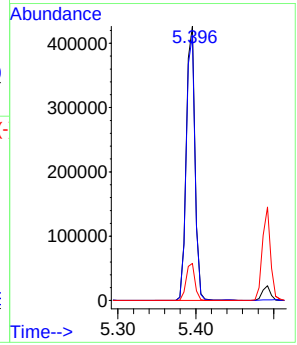


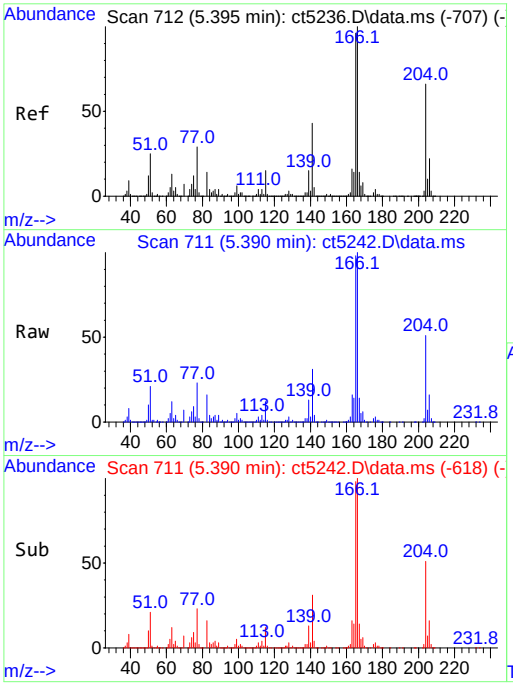


#66
Fluorene
Concen: 12.22 ppm
RT: 5.396 min Scan# 712
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:166 Resp: 330941

Ion	Ratio	Lower	Upper
166	100		
165	96.8	67.6	127.6
167	13.5	0.0	43.4

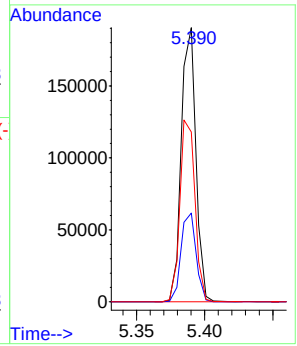


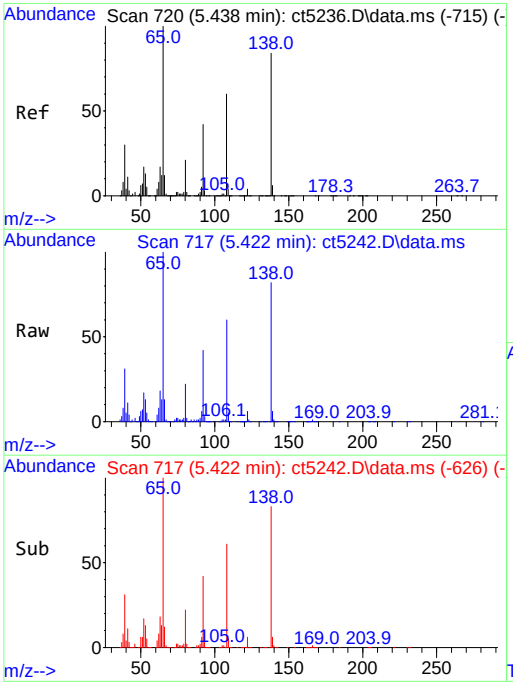


#67
4-Chlorophenyl-phenylether
Concen: 12.12 ppm
RT: 5.390 min Scan# 711
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:204 Resp: 142291

Ion	Ratio	Lower	Upper
204	100		
206	32.4	2.9	62.9
141	61.9	34.9	94.9

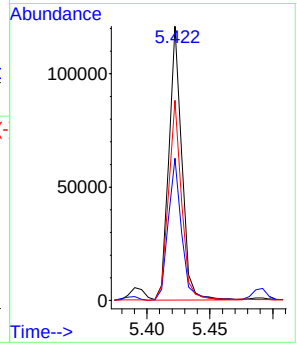


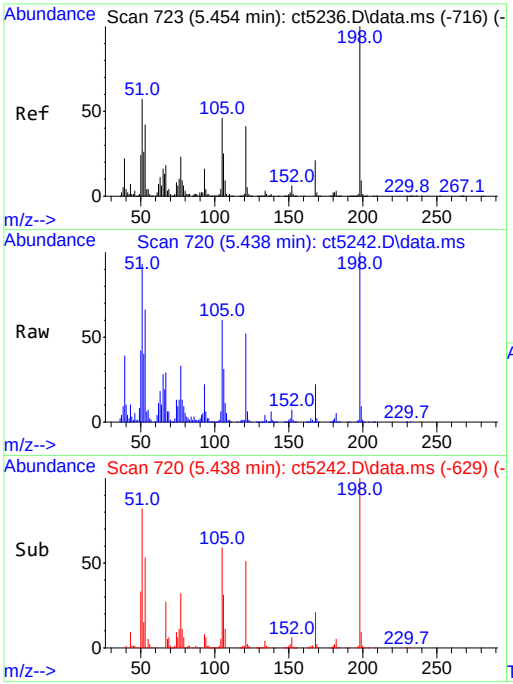


#68
4-Nitroaniline
Concen: 9.70 ppm
RT: 5.422 min Scan# 717
Delta R.T. -0.016 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:138 Resp: 86797

Ion	Ratio	Lower	Upper
138	100		
92	51.7	20.2	80.2
108	72.9	41.6	101.6

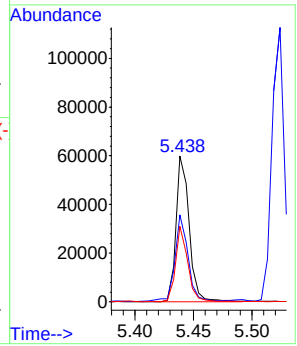


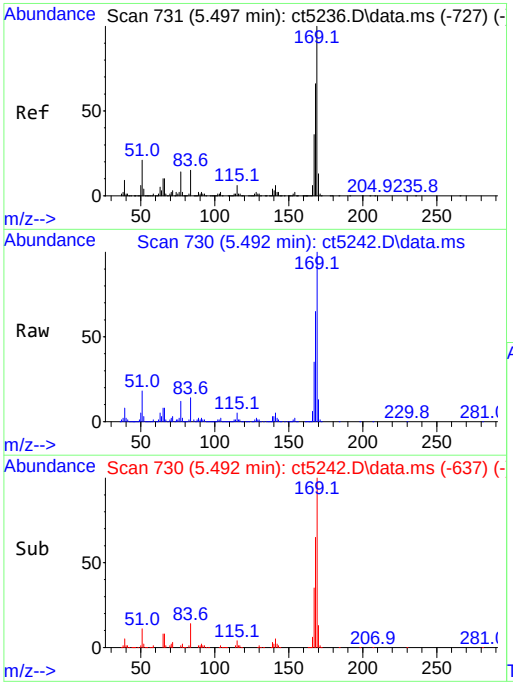


#70
4,6-Dinitro-2-methylphenol
Concen: 8.50 ppm
RT: 5.438 min Scan# 720
Delta R.T. -0.016 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:198 Resp: 46838

Ion	Ratio	Lower	Upper
198	100		
105	58.4	15.6	75.6
121	51.7	11.4	71.4

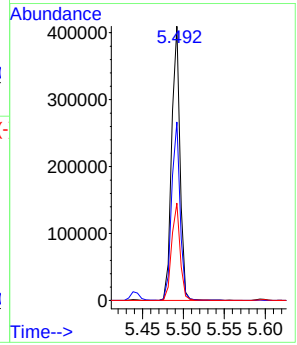


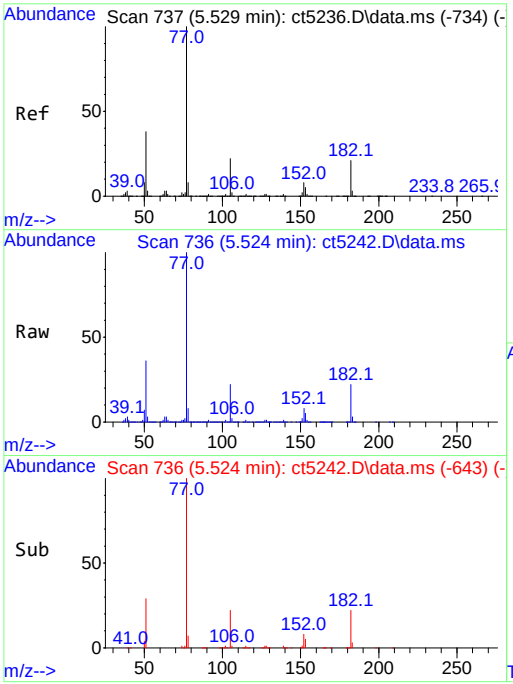


#71
n-Nitrosodiphenylamine
Concen: 11.42 ppm
RT: 5.492 min Scan# 730
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:169 Resp: 291903

Ion	Ratio	Lower	Upper
169	100		
168	64.9	36.0	96.0
167	35.5	6.2	66.2

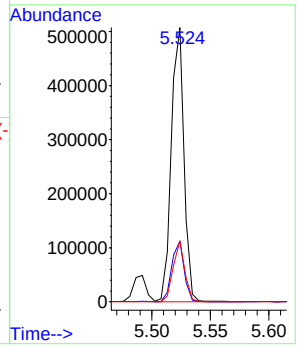


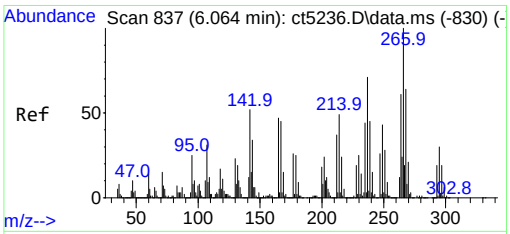


#72
1,2-Diphenylhydrazine
Concen: 11.34 ppm
RT: 5.524 min Scan# 736
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 77 Resp: 382003

Ion	Ratio	Lower	Upper
77	100		
105	22.2	0.0	51.9
182	22.3	0.0	51.0

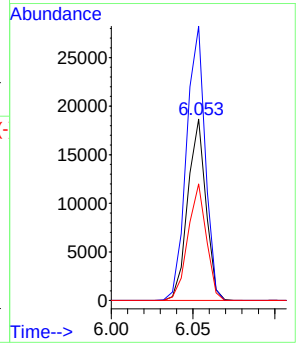


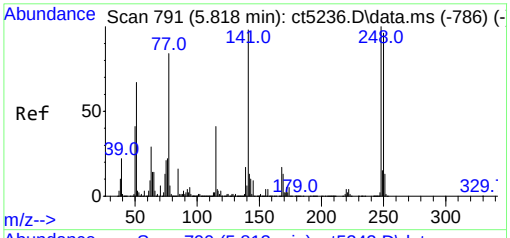


#73
pentachloronitrobenzene
Concen: 11.06 ppm
RT: 6.053 min Scan# 835
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:295 Resp: 14489

Ion	Ratio	Lower	Upper
295	100		
249	155.7	121.8	182.8
297	65.1	51.7	77.5

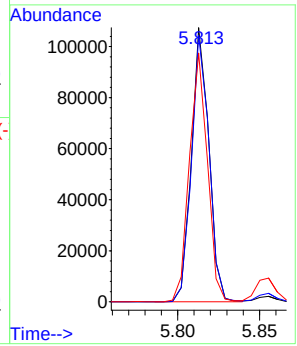


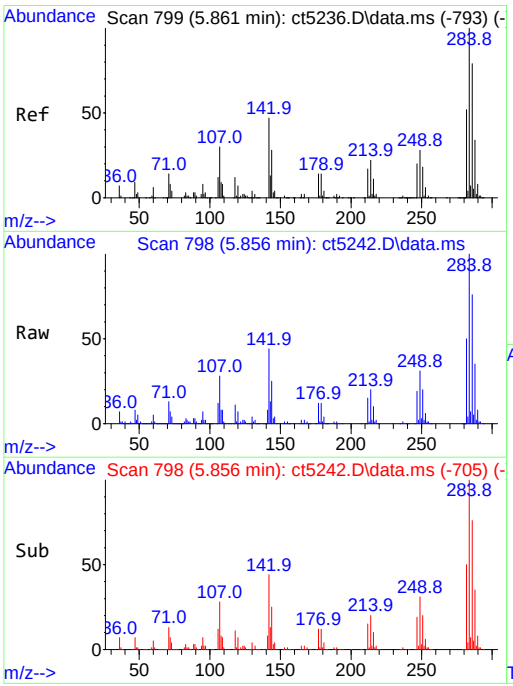


#75
4-Bromophenyl-phenylether
Concen: 10.76 ppm
RT: 5.813 min Scan# 790
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:248 Resp: 79960

Ion	Ratio	Lower	Upper
248	100		
250	97.3	65.9	125.9
141	90.7	68.1	128.1

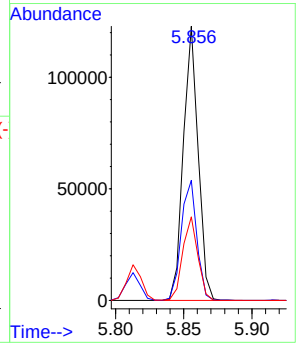


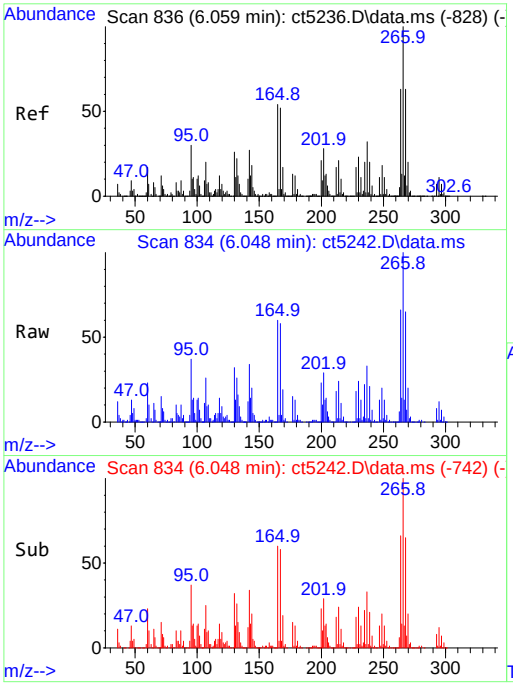


#76
Hexachlorobenzene
Concen: 11.14 ppm
RT: 5.856 min Scan# 798
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:284 Resp: 92688

Ion	Ratio	Lower	Upper
284	100		
142	43.7	17.4	77.4
249	30.4	0.0	59.7

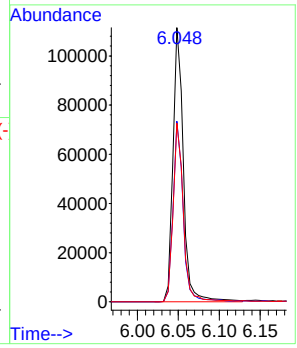


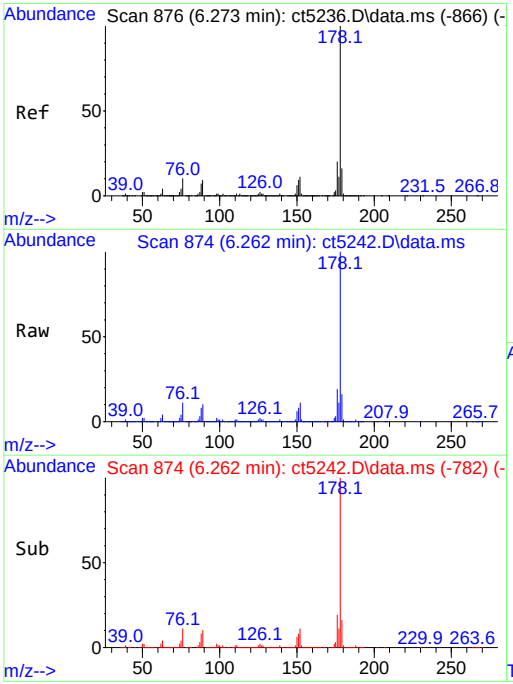


#77
Pentachlorophenol
Concen: 21.24 ppm
RT: 6.048 min Scan# 834
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:266 Resp: 99141

Ion	Ratio	Lower	Upper
266	100		
264	65.8	32.9	92.9
268	65.1	33.4	93.4

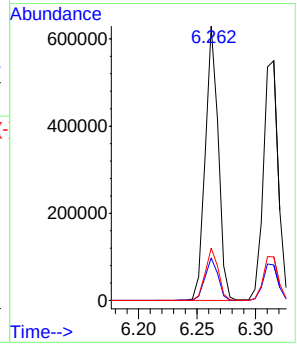


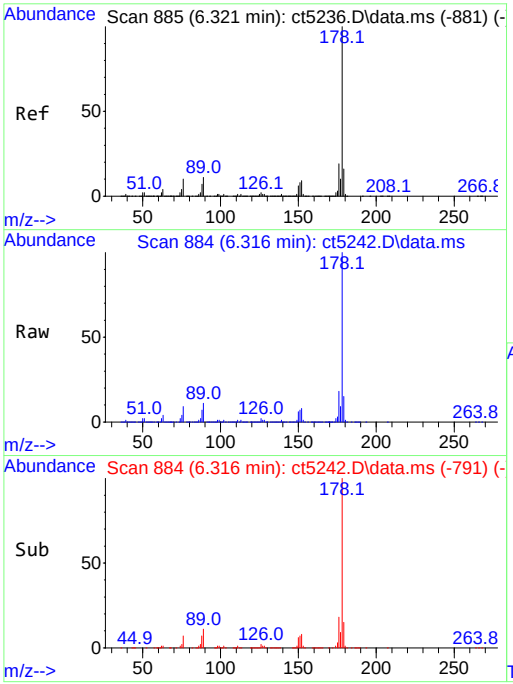


#78
Phenanthrene
Concen: 11.55 ppm
RT: 6.262 min Scan# 874
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:178 Resp: 487401

Ion	Ratio	Lower	Upper
178	100		
179	15.5	0.0	46.1
176	19.1	0.0	50.2

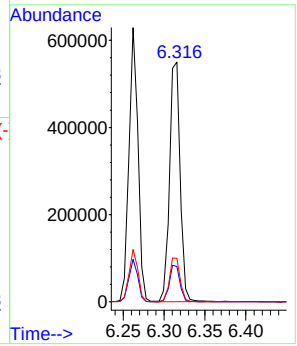


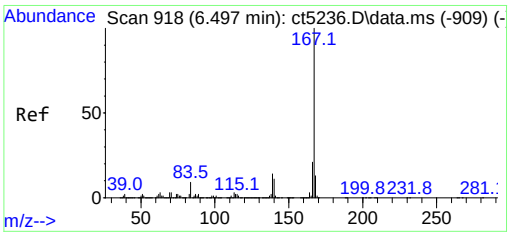


#79
Anthracene
Concen: 11.36 ppm
RT: 6.316 min Scan# 884
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:178 Resp: 495469

Ion	Ratio	Lower	Upper
178	100		
179	14.8	0.0	45.8
176	18.2	0.0	49.2

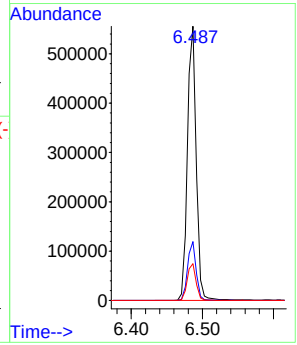


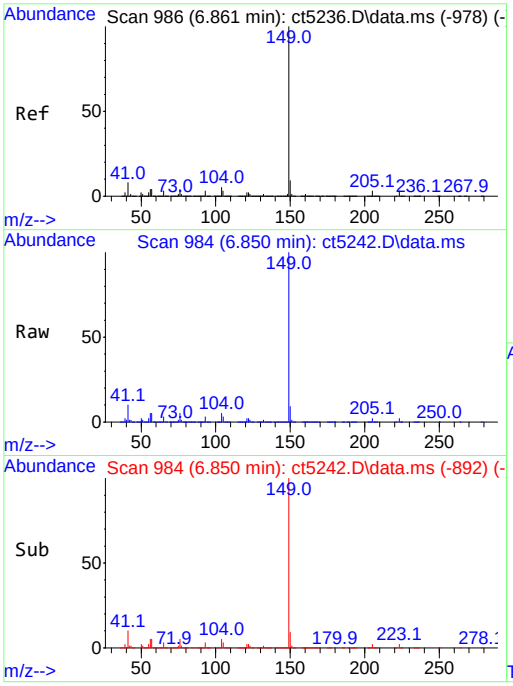


#80
Carbazole
Concen: 11.02 ppm
RT: 6.487 min Scan# 916
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:167 Resp: 475140

Ion	Ratio	Lower	Upper
167	100		
166	21.5	0.0	51.5
139	13.4	0.0	43.6

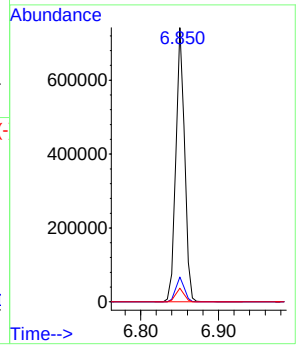


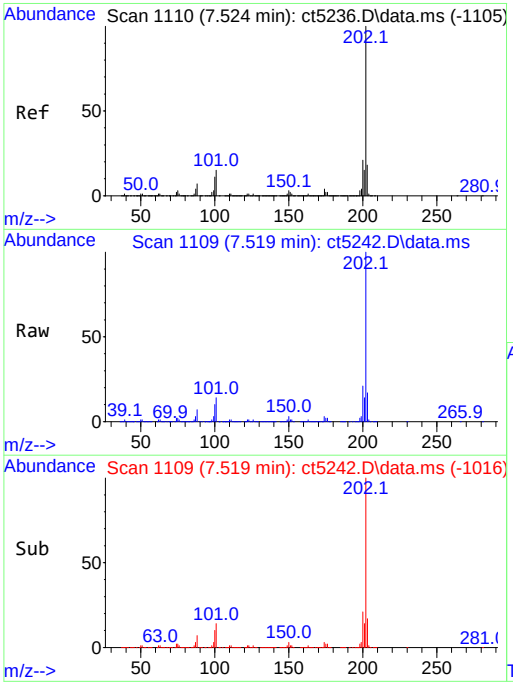


#81
Di-n-butylphthalate
Concen: 10.71 ppm
RT: 6.850 min Scan# 984
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:149 Resp: 583194

Ion	Ratio	Lower	Upper
149	100		
150	9.1	0.0	39.2
104	5.0	0.0	34.7

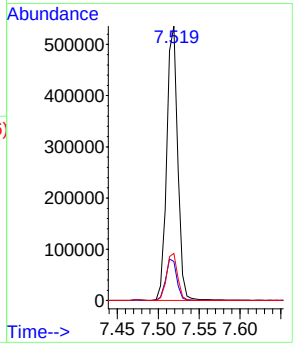


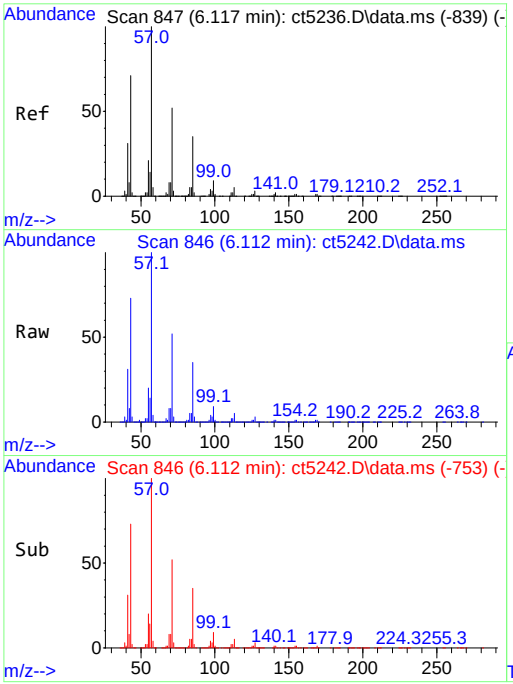


#82
Fluoranthene
Concen: 11.17 ppm
RT: 7.519 min Scan# 1109
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:202 Resp: 499537

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	45.1
203	17.1	0.0	47.9

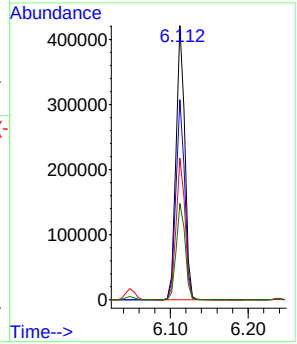


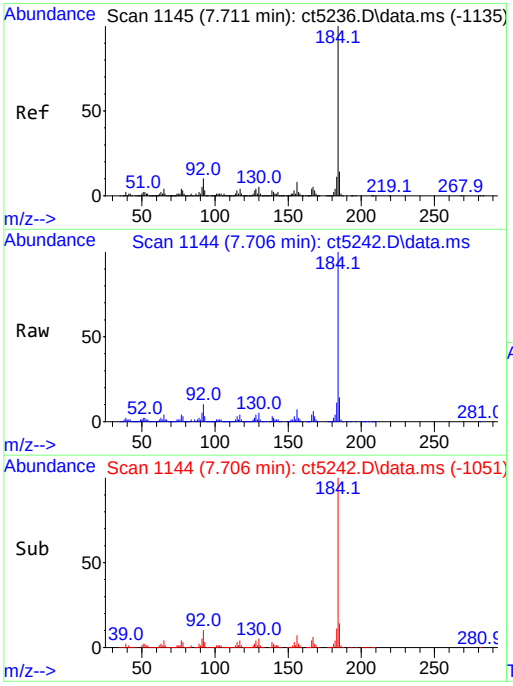


#83
Octadecane
Concen: 11.62 ppm
RT: 6.112 min Scan# 846
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion: 57 Resp: 333405

Ion	Ratio	Lower	Upper
57	100		
43	73.0	41.3	101.3
71	51.6	22.1	82.1
85	35.2	5.4	65.4

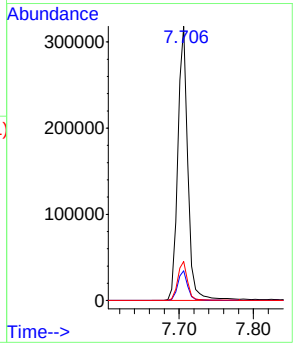


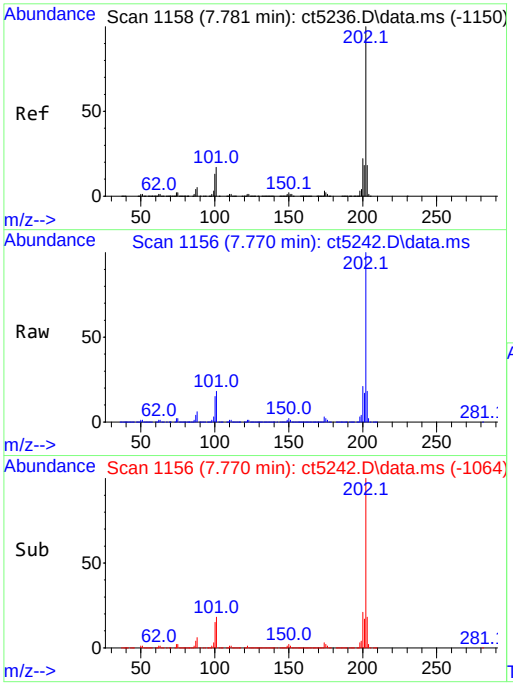


#85
benzidine
Concen: 8.24 ppm
RT: 7.706 min Scan# 1144
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:184 Resp: 296291

Ion	Ratio	Lower	Upper
184	100		
183	10.9	9.1	13.7
185	14.2	11.1	16.7

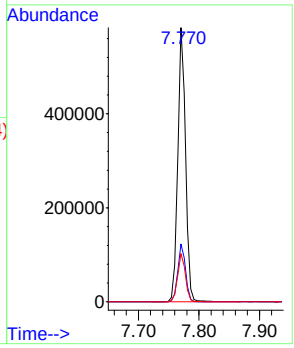


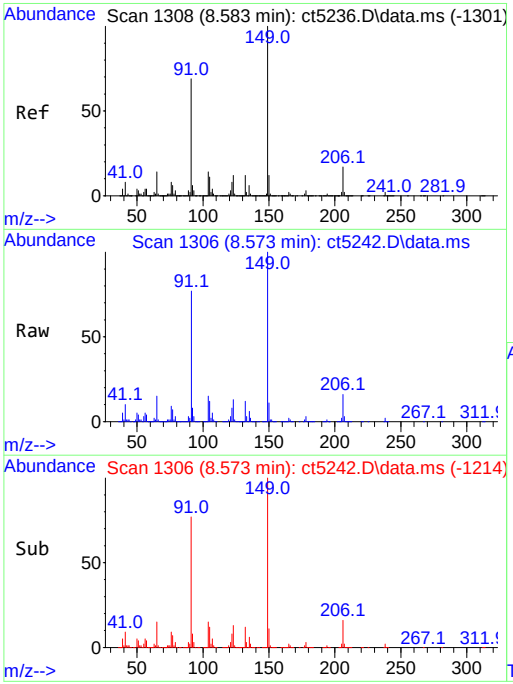


#86
Pyrene
Concen: 9.77 ppm
RT: 7.770 min Scan# 1156
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:202 Resp: 523963

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	51.5
203	17.6	0.0	47.8

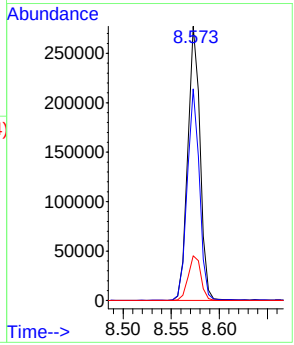


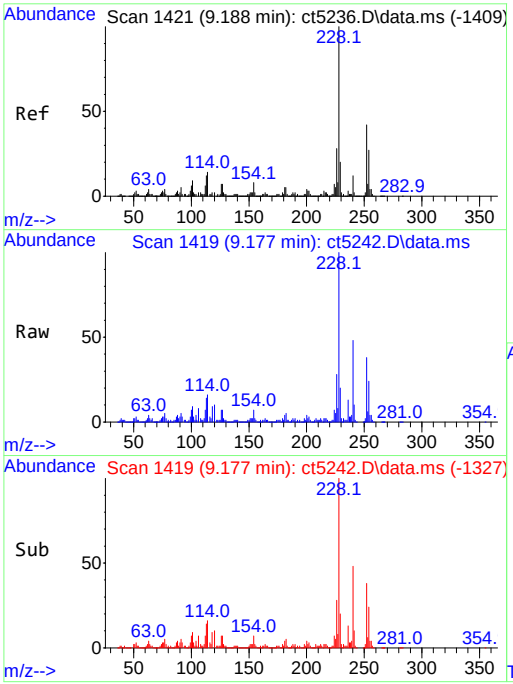


#88
Butylbenzylphthalate
Concen: 8.75 ppm
RT: 8.573 min Scan# 1306
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:149 Resp: 247780

Ion	Ratio	Lower	Upper
149	100		
91	77.1	39.4	99.4
206	16.3	0.0	46.7

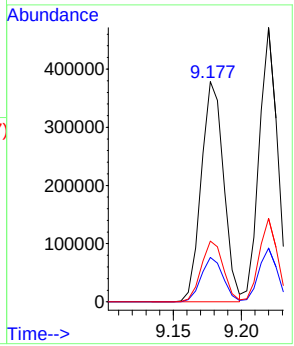


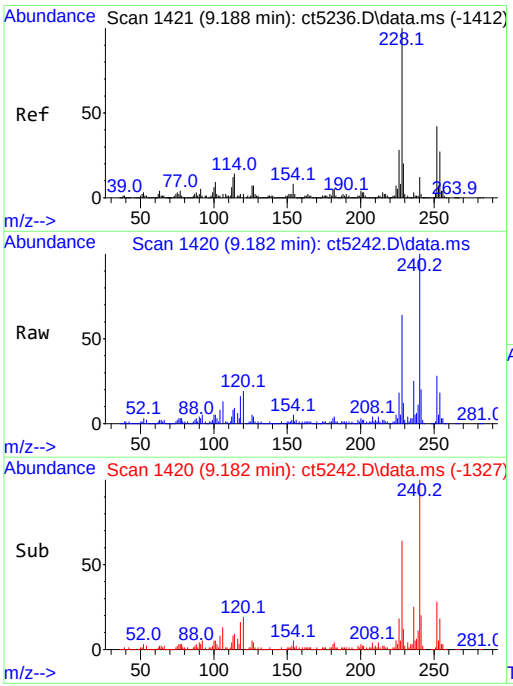


#89
Benzo[a]anthracene
Concen: 10.29 ppm
RT: 9.177 min Scan# 1419
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:228 Resp: 432454

Ion	Ratio	Lower	Upper
228	100		
229	20.2	0.0	50.1
226	27.6	0.0	58.2

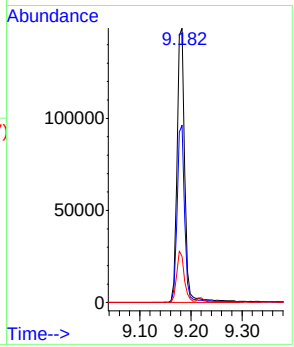


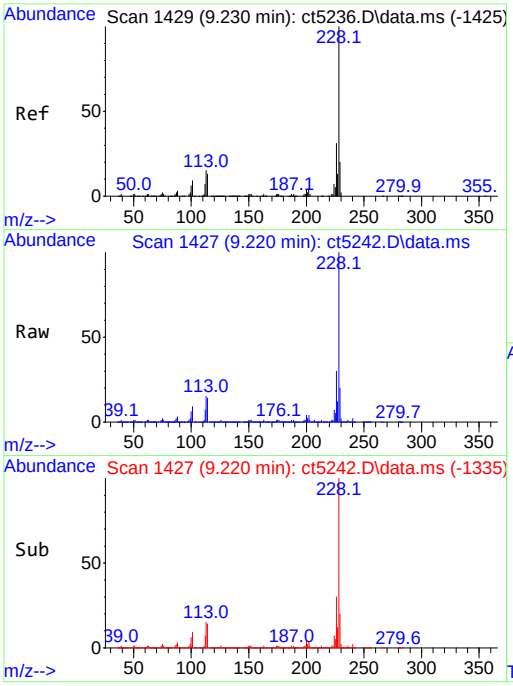


#90
3,3'-Dichlorobenzidine
Concen: 10.36 ppm
RT: 9.182 min Scan# 1420
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:252 Resp: 156262

Ion	Ratio	Lower	Upper
252	100		
254	64.6	33.8	93.8
126	16.7	0.0	47.4

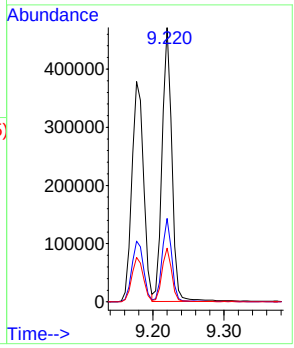


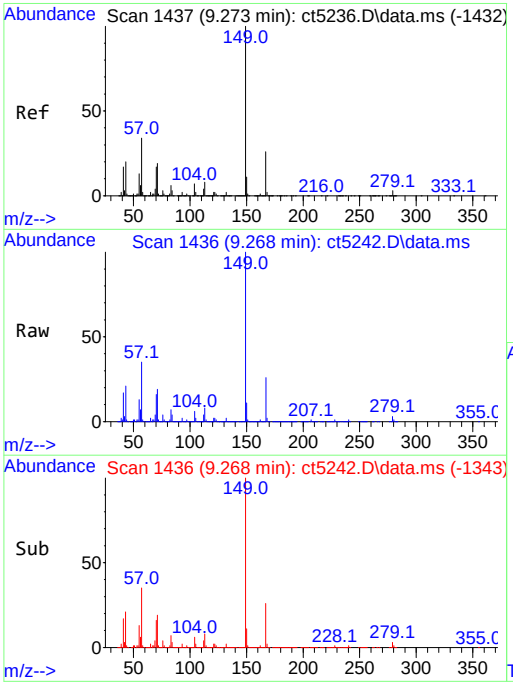


#91
Chrysene
Concen: 10.26 ppm
RT: 9.220 min Scan# 1427
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:228 Resp: 447091

Ion	Ratio	Lower	Upper
228	100		
226	30.5	0.6	60.6
229	19.6	0.0	49.6

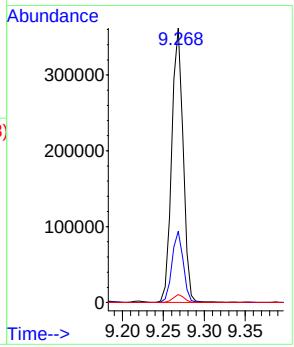


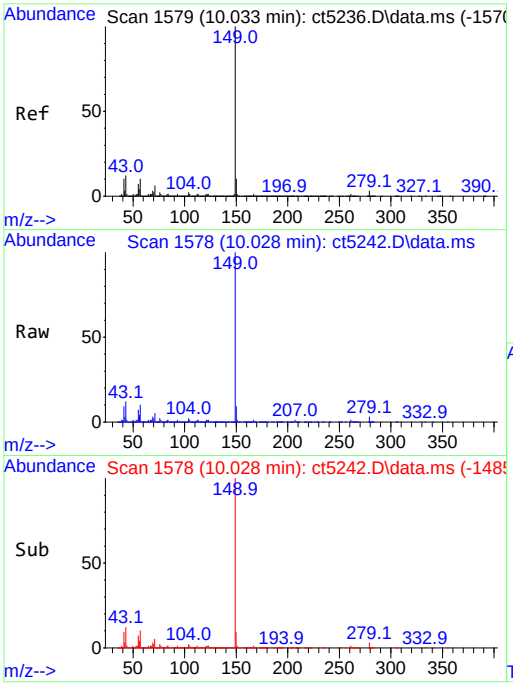


#92
bis(2-Ethylhexyl)phthalate
Concen: 9.09 ppm
RT: 9.268 min Scan# 1436
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:149 Resp: 352902

Ion	Ratio	Lower	Upper
149	100		
167	26.0	0.0	56.2
279	2.9	0.0	32.9

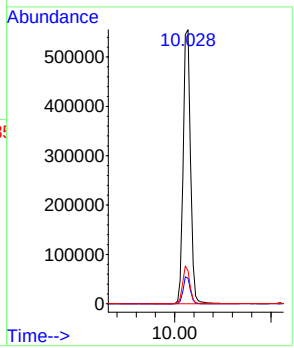


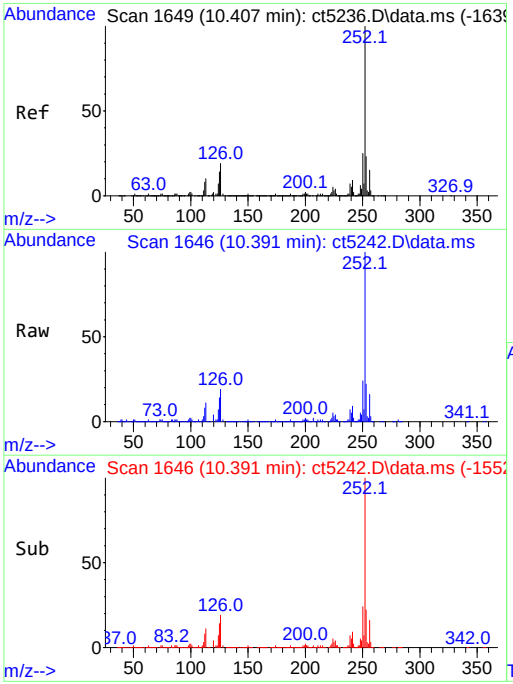


#94
Di-n-octylphthalate
Concen: 9.68 ppm
RT: 10.028 min Scan# 1578
Delta R.T. -0.005 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:149 Resp: 585346

Ion	Ratio	Lower	Upper
149	100		
150	9.4	0.0	40.0
43	12.0	0.0	42.5

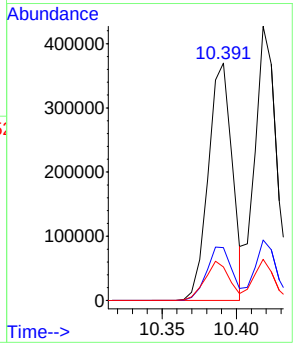


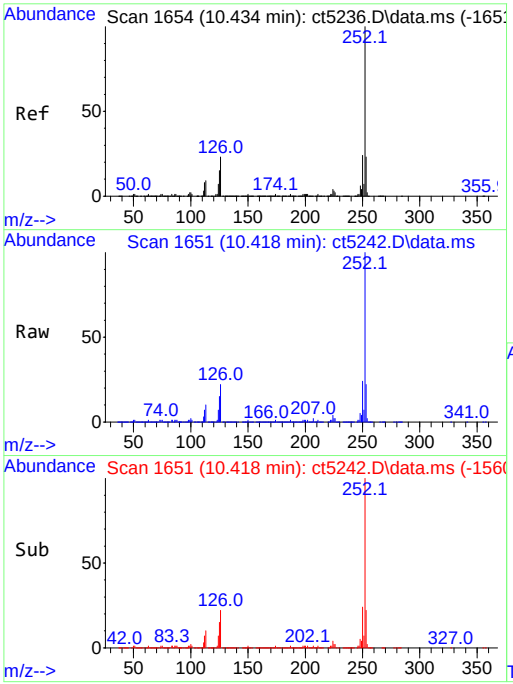


#95
Benzo[b]fluoranthene
Concen: 11.04 ppm
RT: 10.391 min Scan# 1646
Delta R.T. 0.003 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:252 Resp: 414406

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	53.2
125	14.3	0.0	44.2

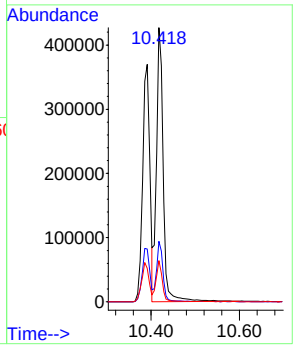


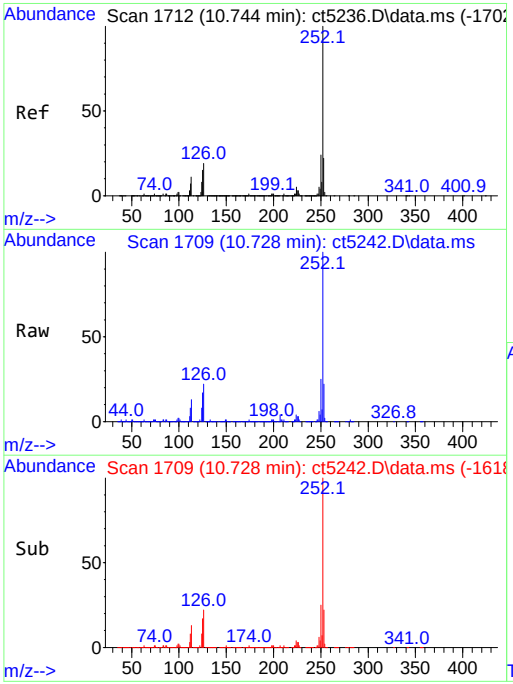


#96
Benzo[k]fluoranthene
Concen: 11.92 ppm
RT: 10.418 min Scan# 1651
Delta R.T. -0.016 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:252 Resp: 451472

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	52.5
125	15.2	0.0	45.1

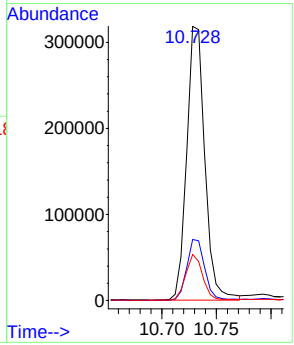


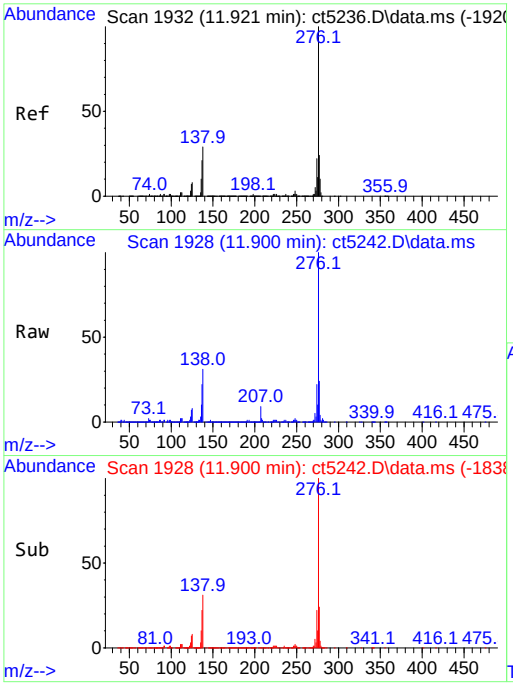


#97
Benzo[a]pyrene
Concen: 10.29 ppm
RT: 10.728 min Scan# 1709
Delta R.T. -0.016 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:252 Resp: 367087

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	52.4
125	16.8	0.0	44.9

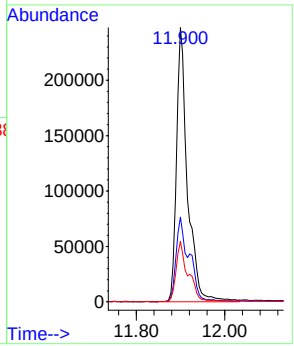


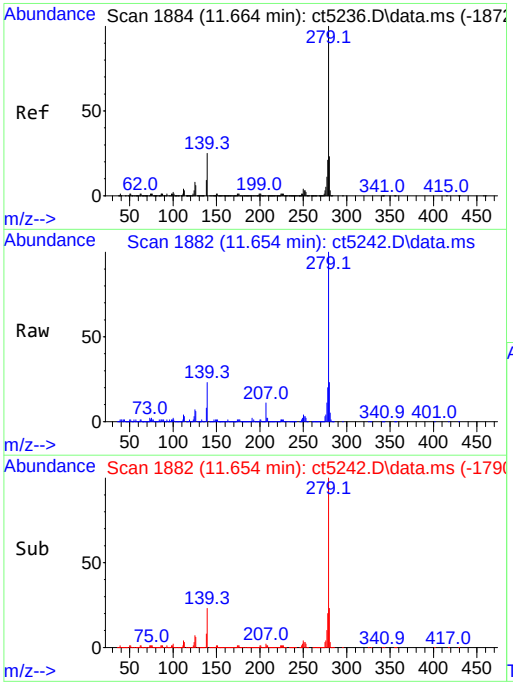


#98
Indeno[1,2,3-cd]pyrene
Concen: 9.55 ppm
RT: 11.900 min Scan# 1928
Delta R.T. -0.021 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:276 Resp: 424559

Ion	Ratio	Lower	Upper
276	100		
138	30.8	0.0	59.2
137	22.0	0.0	50.7

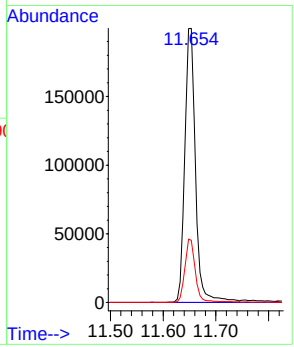


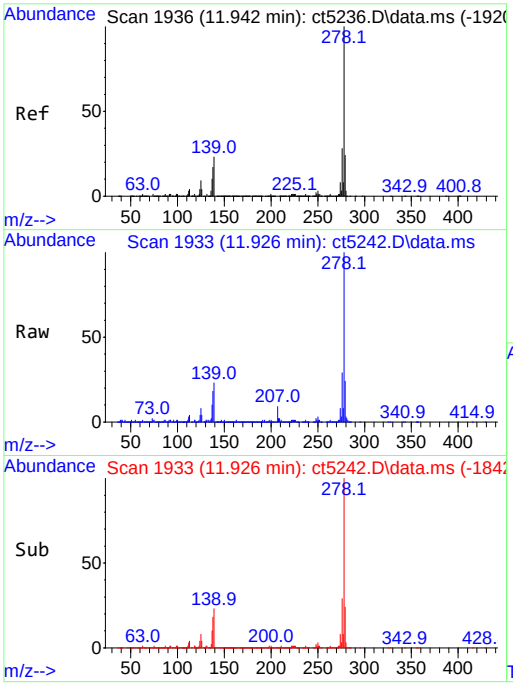


#99
Dibenz(a,h)acridine
Concen: 9.05 ppm
RT: 11.654 min Scan# 1882
Delta R.T. -0.010 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:279 Resp: 281794

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.7	0.0	53.2

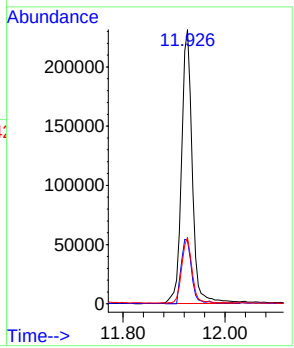


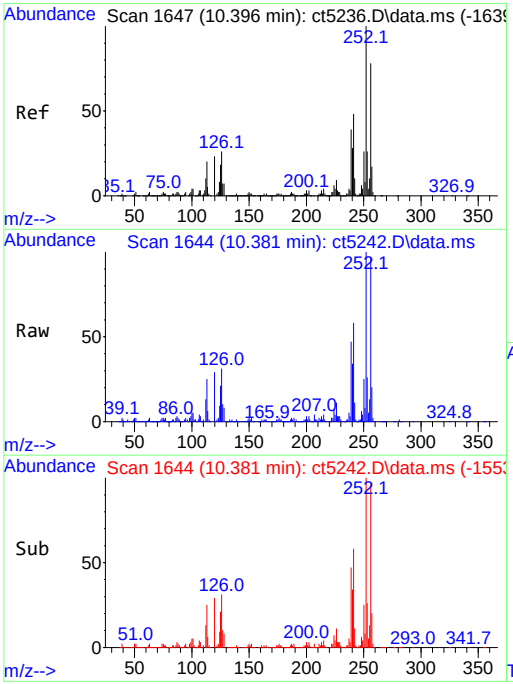


#100
Dibenz[a,h]anthracene
Concen: 9.47 ppm
RT: 11.926 min Scan# 1933
Delta R.T. -0.016 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:278 Resp: 339380

Ion	Ratio	Lower	Upper
278	100		
139	23.0	0.0	53.3
279	24.0	0.0	53.8

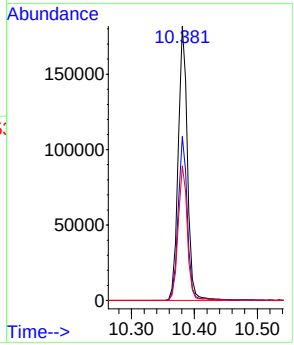


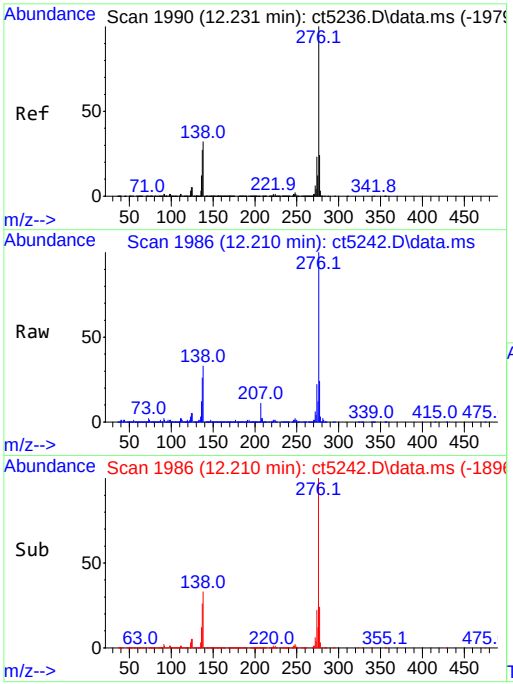


#101
7,12-Dimethylbenz(a)anthracene
Concen: 11.51 ppm
RT: 10.381 min Scan# 1644
Delta R.T. -0.016 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:256 Resp: 185163

Ion	Ratio	Lower	Upper
256	100		
241	59.7	32.2	92.2
239	49.0	19.8	79.8

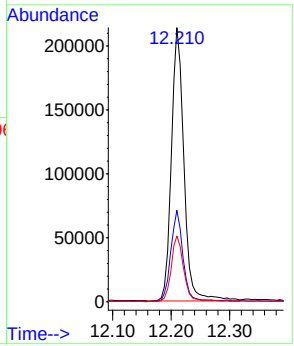




#102
Benzo[g,h,i]perylene
Concen: 9.12 ppm
RT: 12.210 min Scan# 1986
Delta R.T. -0.021 min
Lab File: ct5242.D
Acq: 15 Feb 2024 01:29 pm

Tgt Ion:276 Resp: 317822

Ion	Ratio	Lower	Upper
276	100		
138	33.3	1.8	61.8
277	24.0	0.0	53.9



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5243.D
Acq On : 15 Feb 2024 01:47 pm
Operator : jackleey
Sample : ic266-25
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 16 09:20:02 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.202	152	449827	40.00	ppm	0.00
24) Naphthalene-d8	3.892	136	1707452	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	916314	40.00	ppm	0.00
69) Phenanthrene-d10	6.241	188	1617264	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1182529	40.00	ppm	-0.01
93) Perylene-d12	10.792	264	1205836	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.202	152	449827	40.00	ppm	0.00
105) Phenanthrene-d10a	6.241	188	1617264	40.00	ppm	0.00
107) Naphthalene-d8a	3.892	136	1707452	40.00	ppm	0.00
109) Phenanthrene-d10b	6.241	188	1617264	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1182529	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.529	112	411631	24.03	ppm	0.00
Spiked Amount 50.000			Recovery = 48.06%			
8) Phenol-d5	2.999	99	498920	25.60	ppm	0.00
Spiked Amount 50.000			Recovery = 51.20%			
25) Nitrobenzene-d5	3.502	82	453510	24.99	ppm	0.00
Spiked Amount 50.000			Recovery = 49.98%			
51) 2-Fluorobiphenyl	4.508	172	787578	26.82	ppm	0.00
Spiked Amount 50.000			Recovery = 53.64%			
74) 2,4,6-Tribromophenol	5.599	330	103675	24.73	ppm	0.00
Spiked Amount 50.000			Recovery = 49.46%			
87) Terphenyl-d14	7.974	244	862390	24.42	ppm	0.00
Spiked Amount 50.000			Recovery = 48.84%			
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.705	88	181763	24.07	ppm	99
3) Pyridine	1.887	79	499885	23.98	ppm	96
4) N-Nitrosodimethylamine	1.871	74	256148	24.08	ppm	95
6) Indene	3.336	116	685074	27.72	ppm	100
7) Cumene	2.785	105	857169	25.49	ppm	99
9) Phenol	3.010	94	532181	25.95	ppm	94
10) Aniline	3.037	93	698623	25.44	ppm	99
11) bis(2-Chloroethyl)ether	3.063	93	412542	25.57	ppm	97
12) 2-Chlorophenol	3.095	128	403269	26.10	ppm	97
13) Decane	3.090	43	565202	27.93	ppm	98
14) 1,3-Dichlorobenzene	3.170	146	456661	25.59	ppm	99
15) 1,4-Dichlorobenzene	3.213	146	447697	25.52	ppm	100
16) Benzyl alcohol	3.277	108	290522	25.16	ppm	95
17) 1,2-Dichlorobenzene	3.293	146	438854	25.86	ppm	98
18) Acetophenone	3.416	105	589157	28.45	ppm	93
19) 2-Methylphenol	3.325	108	385924	26.07	ppm	99
20) 2,2'-oxybis(1-Chloropr...	3.336	121	116841	27.88	ppm	96
21) 3&4-Methylphenol	3.411	108	721477	55.95	ppm	99
22) n-Nitroso-di-n-propyla...	3.411	70	259524	26.42	ppm	95
23) Hexachloroethane	3.470	201	143018	24.86	ppm	98
26) Nitrobenzene	3.513	77	458352	25.41	ppm	93
27) Quinoline	4.096	129	814073	25.18	ppm	99
28) Isophorone	3.636	82	809831	25.40	ppm	98
29) 2-Nitrophenol	3.684	139	208263	25.78	ppm	86
30) 2,4-Dimethylphenol	3.695	107	432306	25.80	ppm	99

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5243.D
Acq On : 15 Feb 2024 01:47 pm
Operator : jackleey
Sample : ic266-25
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 16 09:20:02 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Benzoic acid	3.753	105	345940	22.79	ppm		97
32) bis(2-Chloroethoxy)met...	3.748	93	498689	25.51	ppm		99
33) 2,4-Dichlorophenol	3.812	162	333608	25.24	ppm		96
34) 2,6-Dichlorophenol	3.935	162	306869	26.44	ppm		97
35) 1,3,5-Trichlorobenzene	3.679	180	336715	25.56	ppm		98
36) 1,2,4-Trichlorobenzene	3.855	180	332391	24.99	ppm		98
37) 1,2,3-Trichlorobenzene	3.978	180	329656	25.42	ppm		99
38) Naphthalene	3.903	128	1157697	26.49	ppm		99
39) 4-Chloroaniline	3.935	127	488295	26.78	ppm		95
40) 2,3-Dichloroaniline	4.465	161	377913	26.40	ppm		96
41) Hydroquinone	4.106	110	427578	25.27	ppm		99
42) Hexachlorobutadiene	3.951	225	174448	25.19	ppm		98
43) 4-Chloro-3-methylphenol	4.192	107	372272	25.46	ppm		81
44) 2-Methylnaphthalene	4.288	141	679468	26.43	ppm		99
45) 1-Methylnaphthalene	4.347	141	701758	26.18	ppm		99
47) Hexachlorocyclopentadiene	4.368	237	325667	50.71	ppm		98
48) 1,2,4,5-tetrachloroben...	4.385	216	311673	27.08	ppm		99
49) 2,4,6-Trichlorophenol	4.459	196	215309	27.74	ppm		98
50) 2,4,5-Trichlorophenol	4.481	196	240829	25.97	ppm		100
52) 2-Chloronaphthalene	4.593	162	699633	26.79	ppm		100
53) Biphenyl	4.572	154	912347	27.45	ppm		100
54) 2-Nitroaniline	4.663	65	272761	26.21	ppm		96
55) Dimethylphthalate	4.770	163	814711	26.19	ppm		100
56) Acenaphthylene	4.877	152	1112515	26.70	ppm		99
57) 2,6-Dinitrotoluene	4.823	165	182318	24.99	ppm		97
58) 3-Nitroaniline	4.952	138	234842	25.44	ppm		97
59) Acenaphthene	4.994	153	737645	27.32	ppm		99
60) 2,4-Dinitrophenol	5.032	184	205057	47.16	ppm	#	59
61) 4-Nitrophenol	5.069	109	122307	24.32	ppm		99
62) Dibenzofuran	5.123	168	969380	27.74	ppm		99
63) 2,4-Dinitrotoluene	5.123	165	237142	26.74	ppm		97
64) 2,3,4,6-Tetrachlorophenol	5.214	232	182291	25.74	ppm		99
65) Diethylphthalate	5.294	149	851077	26.37	ppm		99
66) Fluorene	5.395	166	767734	27.77	ppm		100
67) 4-Chlorophenyl-phenyle...	5.390	204	328551	27.42	ppm		97
68) 4-Nitroaniline	5.428	138	223328	24.46	ppm		100
70) 4,6-Dinitro-2-methylph...	5.444	198	132440	23.86	ppm		90
71) n-Nitrosodiphenylamine	5.492	169	675863	26.24	ppm		99
72) 1,2-Diphenylhydrazine	5.524	77	912783	26.88	ppm		99
73) pentachloronitrobenzene	6.053	295	35679	27.03	ppm		99
75) 4-Bromophenyl-phenylether	5.813	248	194130	25.92	ppm		99
76) Hexachlorobenzene	5.855	284	216721	25.84	ppm		96
77) Pentachlorophenol	6.053	266	249595	53.05	ppm		99
78) Phenanthrene	6.262	178	1137518	26.73	ppm		99
79) Anthracene	6.315	178	1174378	26.73	ppm		99
80) Carbazole	6.487	167	1142116	26.28	ppm		100
81) Di-n-butylphthalate	6.850	149	1427751	26.01	ppm		100
82) Fluoranthene	7.519	202	1194860	26.52	ppm		99
83) Octadecane	6.112	57	794402	27.47	ppm		99
85) benzidine	7.706	184	788612	23.02	ppm		100
86) Pyrene	7.776	202	1249033	24.44	ppm		99
88) Butylbenzylphthalate	8.573	149	629886	23.33	ppm		93
89) Benzo[a]anthracene	9.182	228	1018752	25.42	ppm		99
90) 3,3'-Dichlorobenzidine	9.182	252	373010	25.94	ppm		99
91) Chrysene	9.225	228	1044624	25.14	ppm		100
92) bis(2-Ethylhexyl)phtha...	9.268	149	894219	24.15	ppm		99
94) Di-n-octylphthalate	10.027	149	1496470	25.84	ppm		99

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5243.D
Acq On : 15 Feb 2024 01:47 pm
Operator : jackleey
Sample : ic266-25
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 16 09:20:02 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	Benzo[b]fluoranthene	10.396	252	973943	27.09	ppm	98
96)	Benzo[k]fluoranthene	10.423	252	996052	27.47	ppm	98
97)	Benzo[a]pyrene	10.733	252	876516	25.66	ppm	99
98)	Indeno[1,2,3-cd]pyrene	11.905	276	1064128	25.00	ppm	98
99)	Dibenz(a,h)acridine	11.653	279	721764	24.21	ppm	99
100)	Dibenz[a,h]anthracene	11.932	278	848042	24.72	ppm	100
101)	7,12-Dimethylbenz(a)an...	10.386	256	418777	27.19	ppm	99
102)	Benzo[g,h,i]perylene	12.215	276	809072	24.25	ppm	100

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

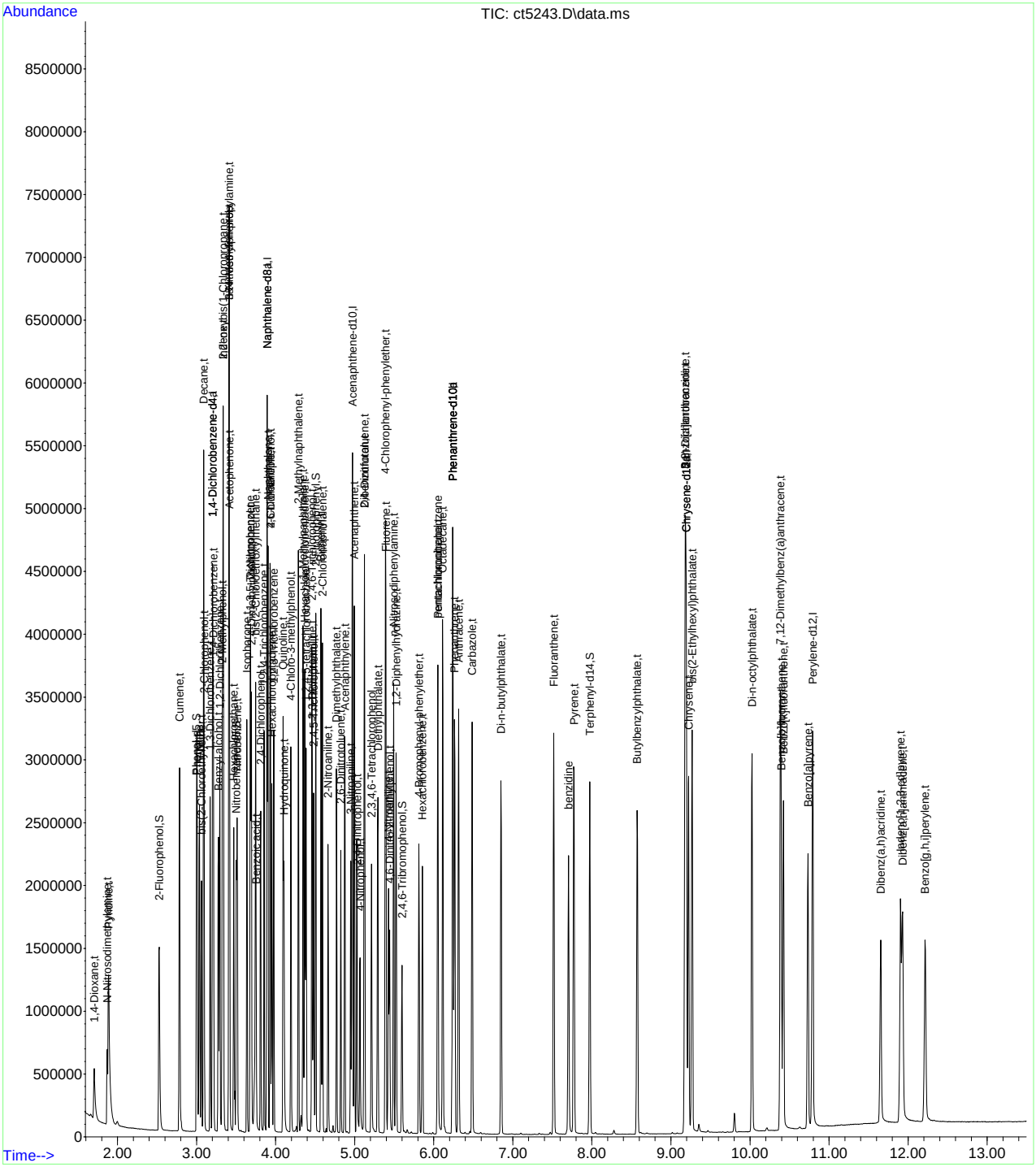
7.6.6

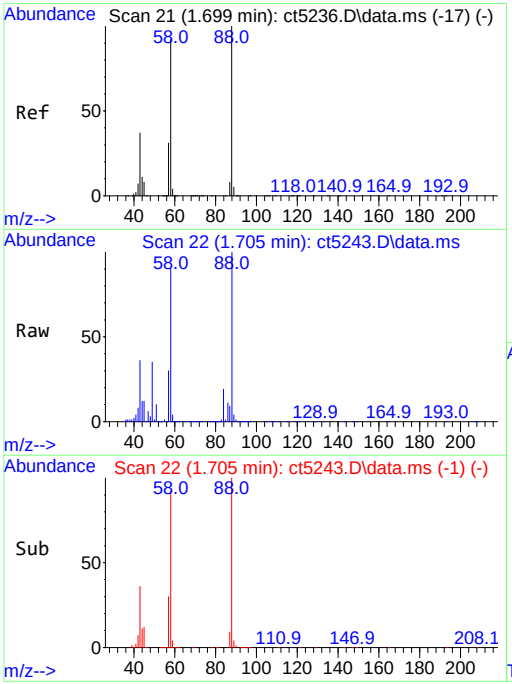
7

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5243.D
Acq On : 15 Feb 2024 01:47 pm
Operator : jackleey
Sample : ic266-25
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 16 09:20:02 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

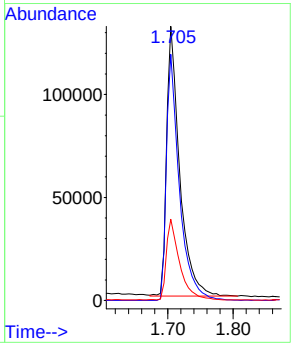


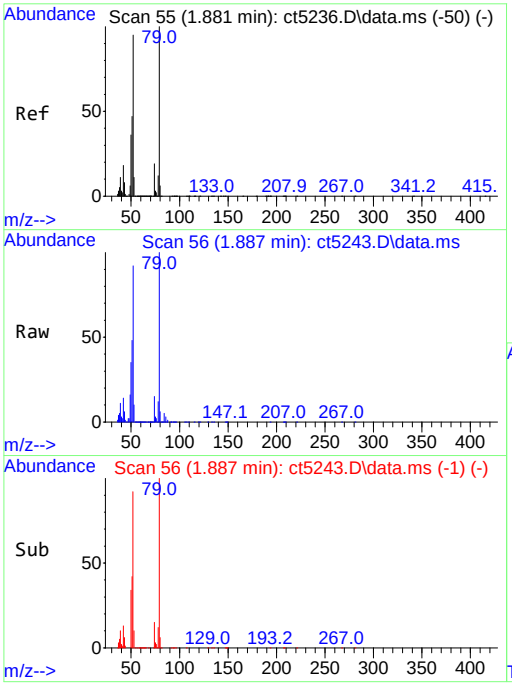


#2
1,4-Dioxane
Concen: 24.07 ppm
RT: 1.705 min Scan# 22
Delta R.T. 0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 88 Resp: 181763

Ion	Ratio	Lower	Upper
88	100		
58	91.2	61.7	121.7
57	29.9	1.2	61.2

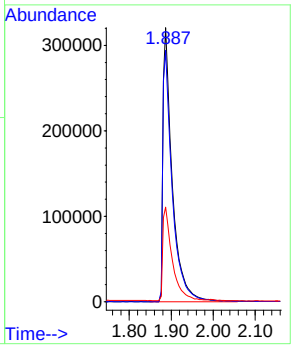


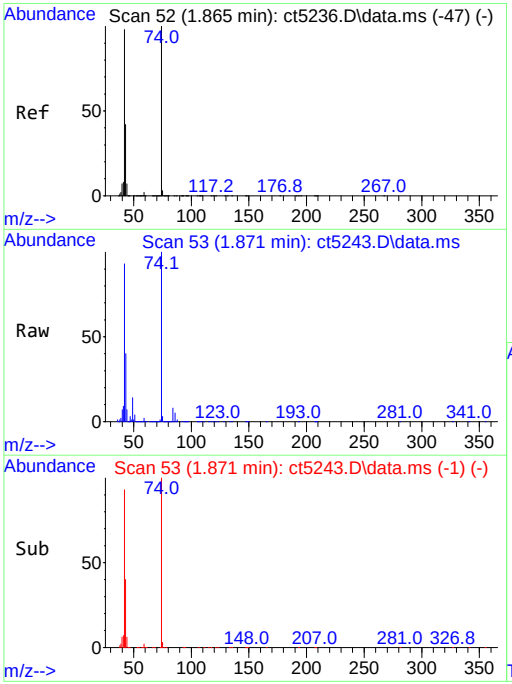


#3
Pyridine
Concen: 23.98 ppm
RT: 1.887 min Scan# 56
Delta R.T. 0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 79 Resp: 499885

Ion	Ratio	Lower	Upper
79	100		
52	91.6	65.5	125.5
50	34.1	5.9	65.9

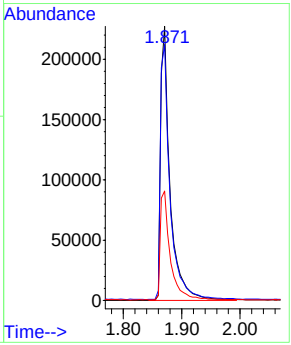


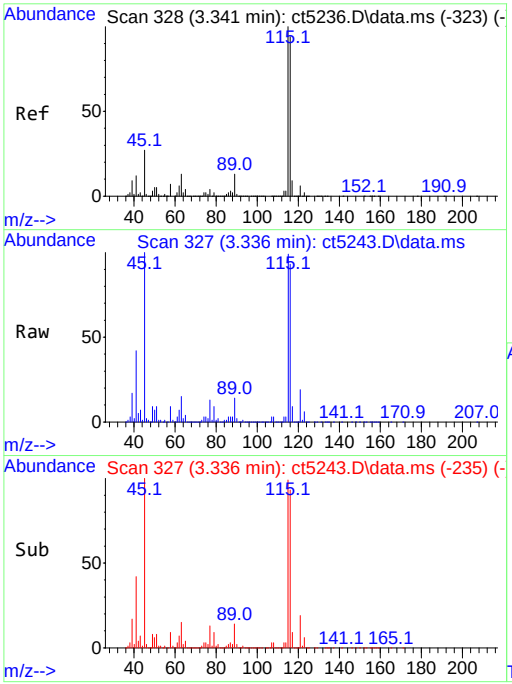


#4
N-Nitrosodimethylamine
Concen: 24.08 ppm
RT: 1.871 min Scan# 53
Delta R.T. 0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 74 Resp: 256148

Ion	Ratio	Lower	Upper
74	100		
42	93.0	68.1	128.1
43	39.6	12.5	72.5

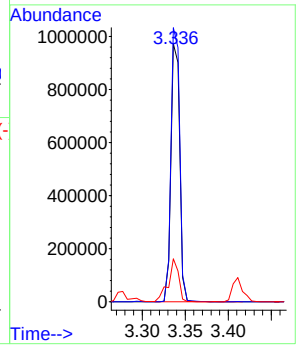


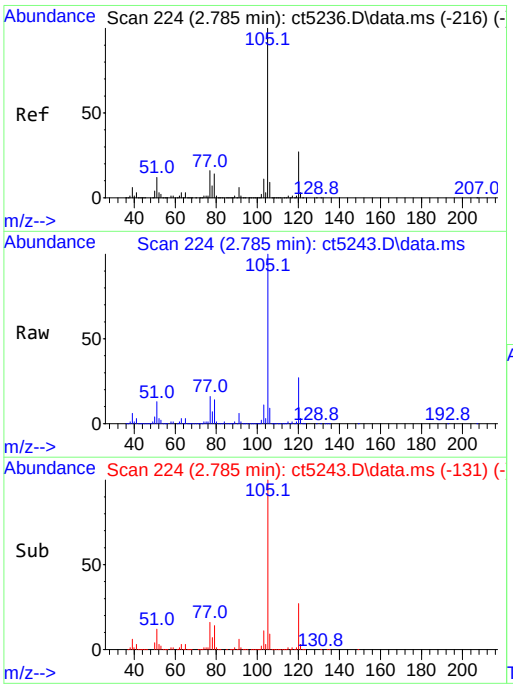


#6
Indene
Concen: 27.72 ppm
RT: 3.336 min Scan# 327
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:116 Resp: 685074

Ion	Ratio	Lower	Upper
116	100		
115	106.2	76.2	136.2
63	14.6	0.0	44.0

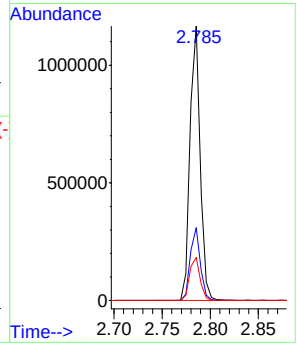


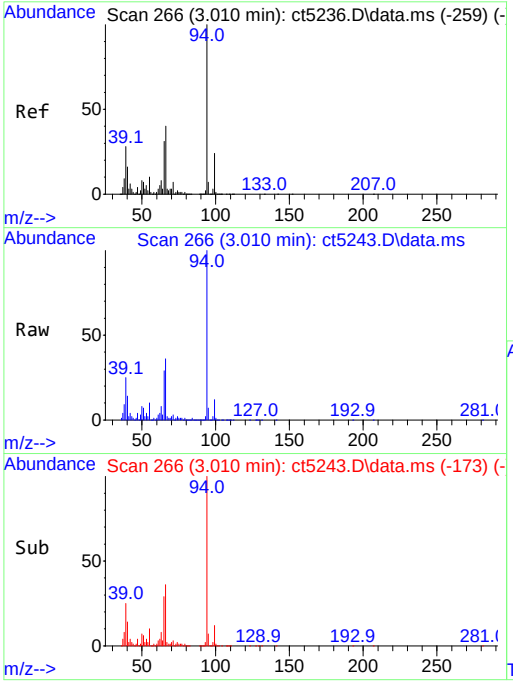


#7
Cumene
Concen: 25.49 ppm
RT: 2.785 min Scan# 224
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:105 Resp: 857169

Ion	Ratio	Lower	Upper
105	100		
120	26.5	0.0	57.0
77	15.7	0.0	45.8

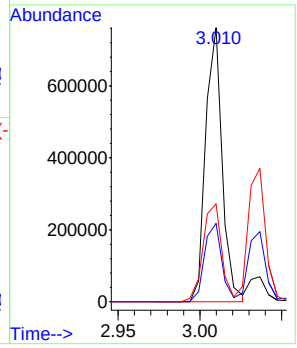


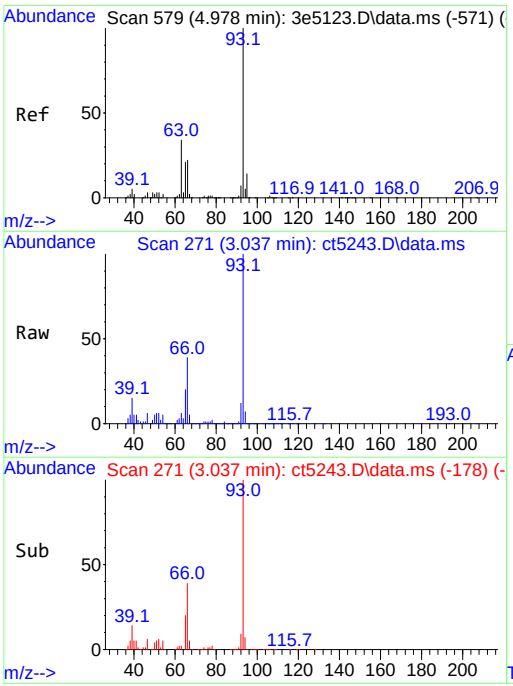


#9
Phenol
Concen: 25.95 ppm
RT: 3.010 min Scan# 266
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 94 Resp: 532181

Ion	Ratio	Lower	Upper
94	100		
65	27.4	0.0	59.7
66	33.3	8.2	68.2

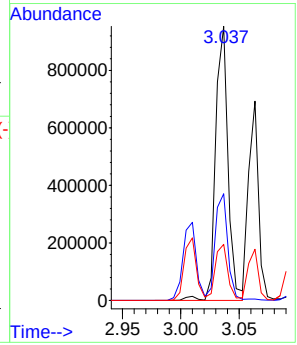


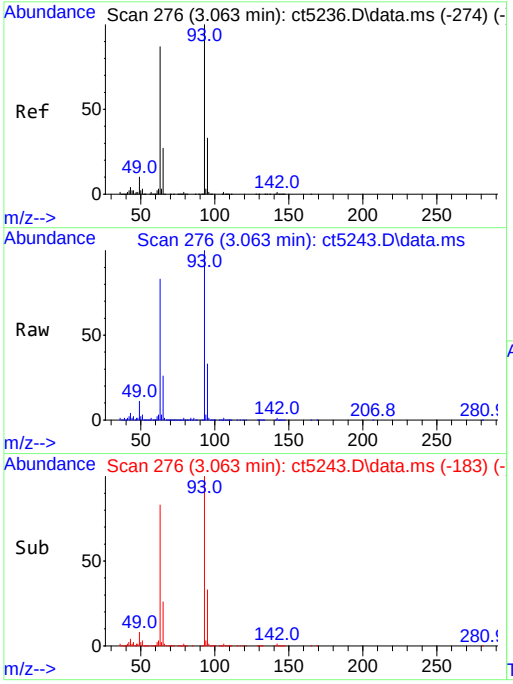


#10
Aniline
Concen: 25.44 ppm
RT: 3.037 min Scan# 271
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 93 Resp: 698623

Ion	Ratio	Lower	Upper
93	100		
66	39.4	10.4	70.4
65	20.3	0.0	50.8

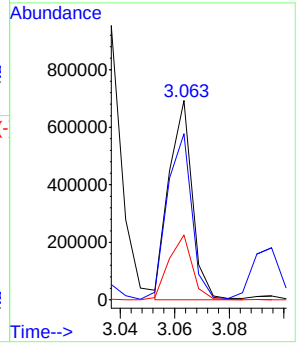


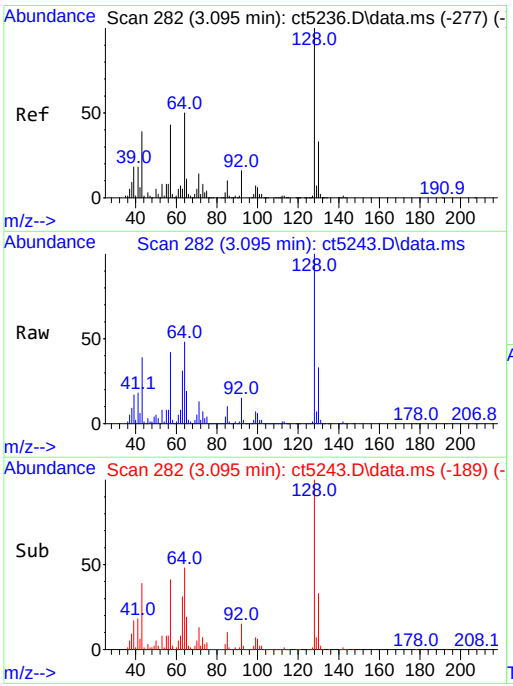


#11
bis(2-Chloroethyl)ether
Concen: 25.57 ppm
RT: 3.063 min Scan# 276
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 93 Resp: 412542

Ion	Ratio	Lower	Upper
93	100		
63	81.8	55.8	115.8
95	32.9	2.8	62.8

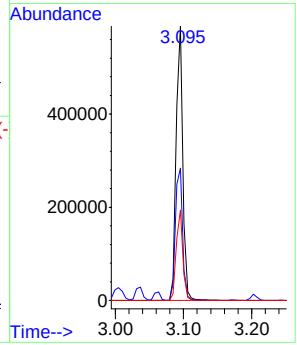


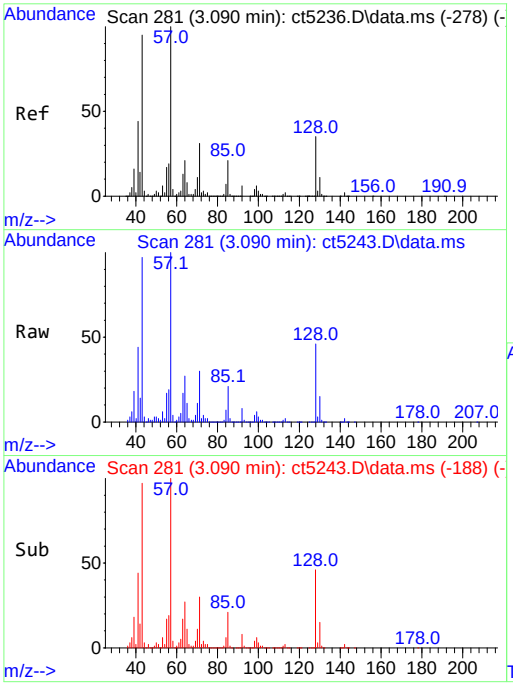


#12
2-Chlorophenol
Concen: 26.10 ppm
RT: 3.095 min Scan# 282
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:128 Resp: 403269

Ion	Ratio	Lower	Upper
128	100		
64	46.9	20.1	80.1
130	32.9	3.0	63.0

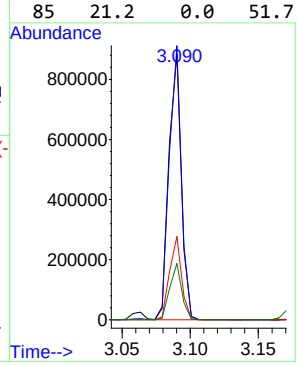


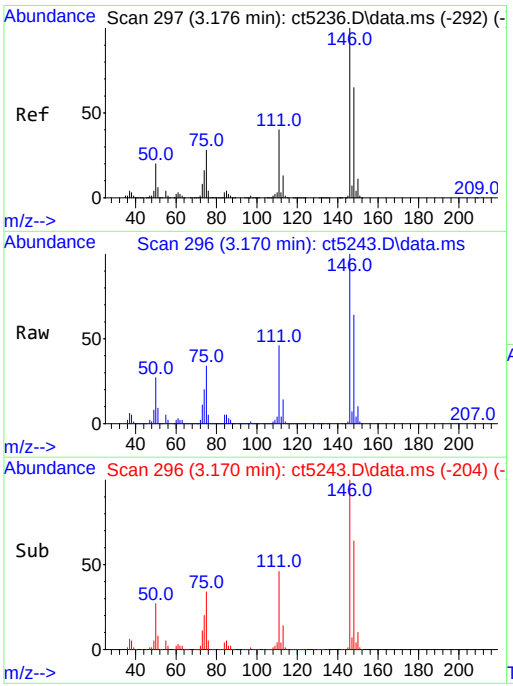


#13
Decane
Concen: 27.93 ppm
RT: 3.090 min Scan# 281
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 43 Resp: 565202

Ion	Ratio	Lower	Upper
43	100		
57	103.4	74.9	134.9
71	31.4	2.5	62.5
85	21.2	0.0	51.7

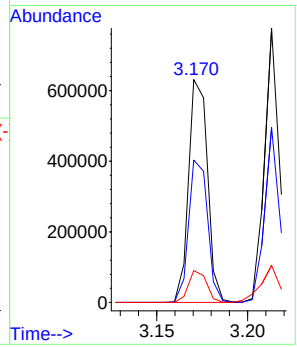


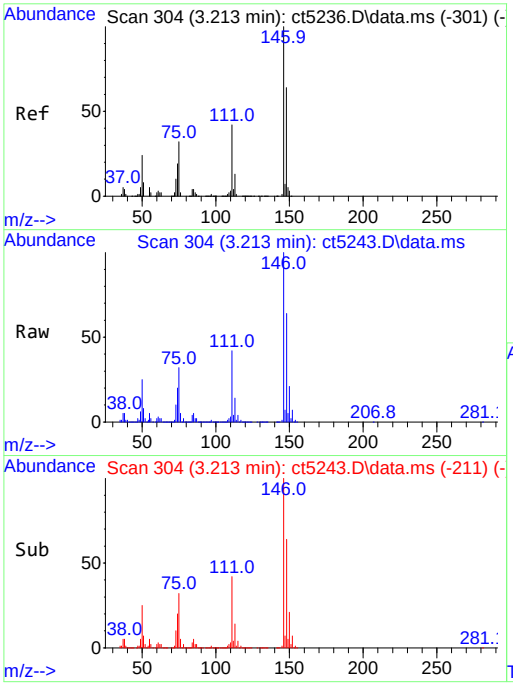


#14
1,3-Dichlorobenzene
Concen: 25.59 ppm
RT: 3.170 min Scan# 296
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:146 Resp: 456661

Ion	Ratio	Lower	Upper
146	100		
148	63.9	34.7	94.7
113	13.8	0.0	42.9

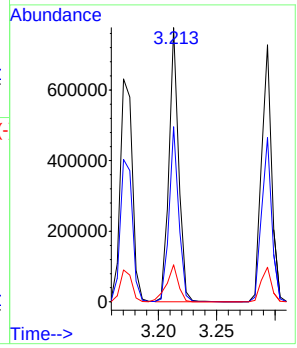


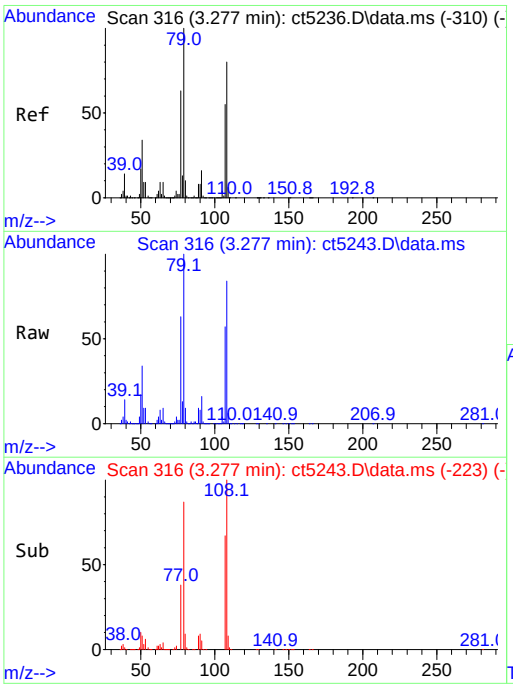


#15
1,4-Dichlorobenzene
Concen: 25.52 ppm
RT: 3.213 min Scan# 304
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:146 Resp: 447697

Ion	Ratio	Lower	Upper
146	100		
148	63.8	34.0	94.0
113	13.1	0.0	43.5

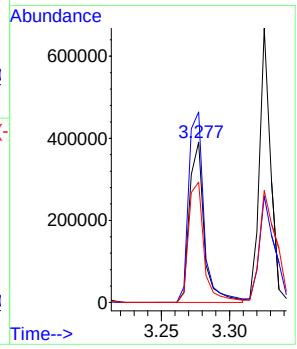


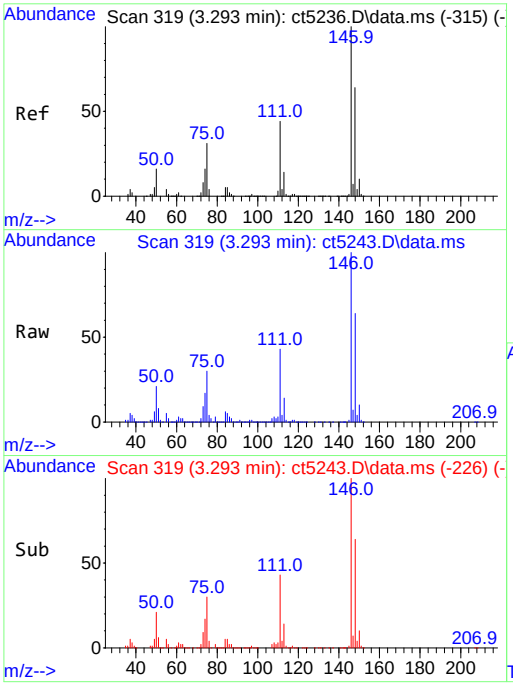


#16
Benzyl alcohol
Concen: 25.16 ppm
RT: 3.277 min Scan# 316
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:108 Resp: 290522

Ion	Ratio	Lower	Upper
108	100		
79	118.7	95.0	155.0
77	75.0	49.3	109.3

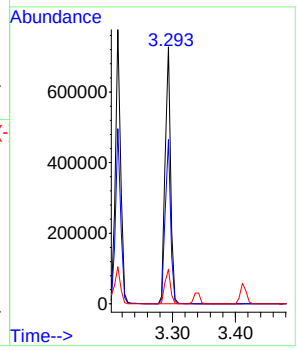


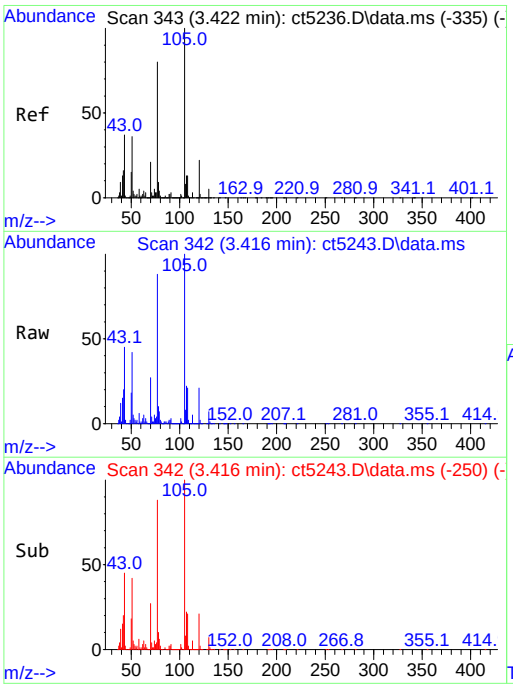


#17
1,2-Dichlorobenzene
Concen: 25.86 ppm
RT: 3.293 min Scan# 319
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:146 Resp: 438854

Ion	Ratio	Lower	Upper
146	100		
148	63.9	34.2	94.2
113	9.5	0.0	44.1

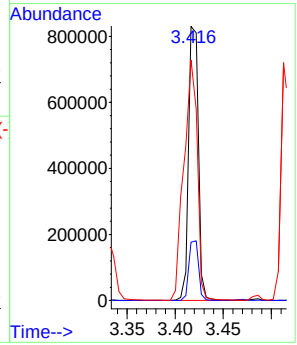


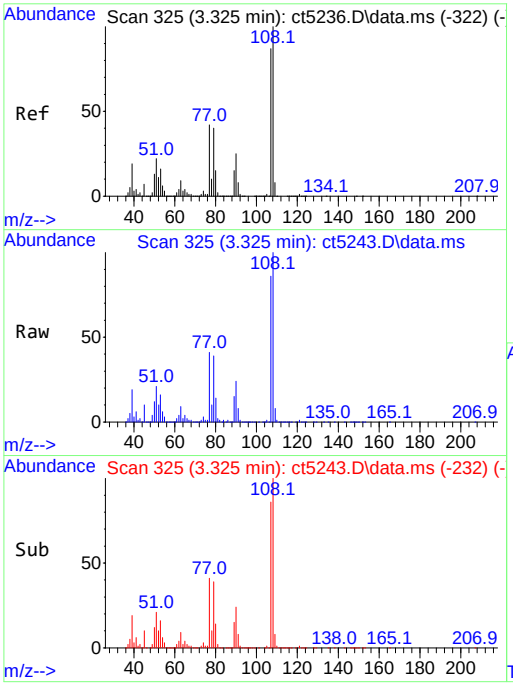


#18
Acetophenone
Concen: 28.45 ppm
RT: 3.416 min Scan# 342
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:105 Resp: 589157

Ion	Ratio	Lower	Upper
105	100		
120	21.0	0.0	51.5
77	87.6	49.8	109.8

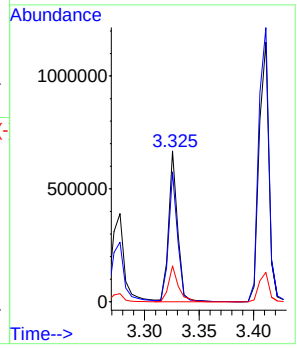


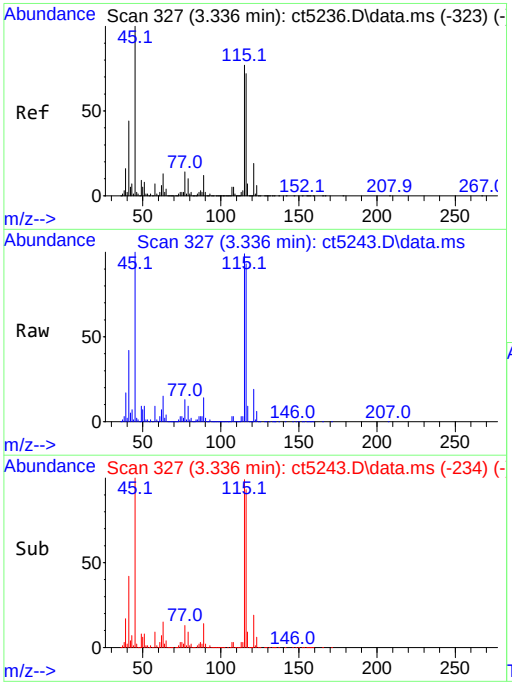


#19
2-Methylphenol
Concen: 26.07 ppm
RT: 3.325 min Scan# 325
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:108 Resp: 385924

Ion	Ratio	Lower	Upper
108	100		
107	86.1	57.1	117.1
90	23.9	0.0	54.8

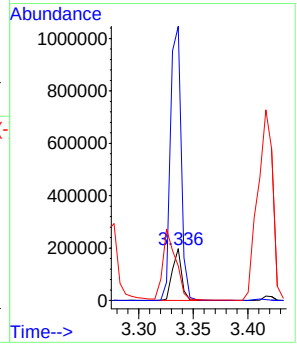


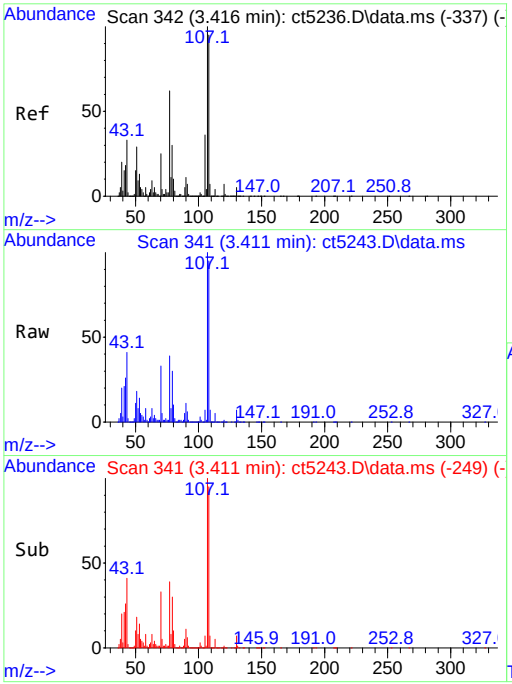


#20
2,2'-oxybis(1-Chloropropane
Concen: 27.88 ppm
RT: 3.336 min Scan# 327
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:121 Resp: 116841

Ion	Ratio	Lower	Upper
121	100		
45	529.4	508.3	568.3
77	65.3	44.5	104.5

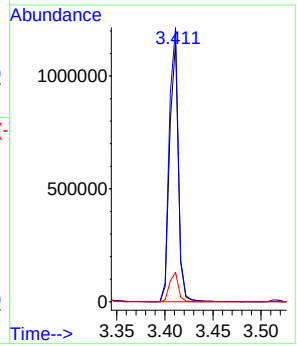


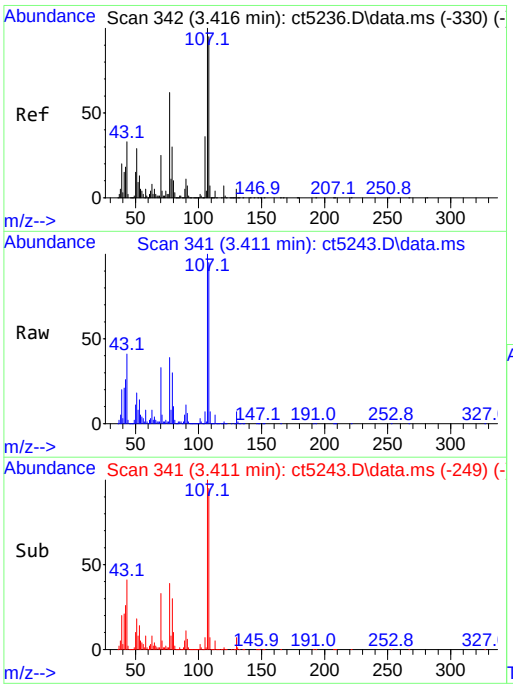


#21
3&4-Methylphenol
Concen: 55.95 ppm
RT: 3.411 min Scan# 341
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:108 Resp: 721477

Ion	Ratio	Lower	Upper
108	100		
107	105.7	74.9	134.9
90	11.3	0.0	41.4

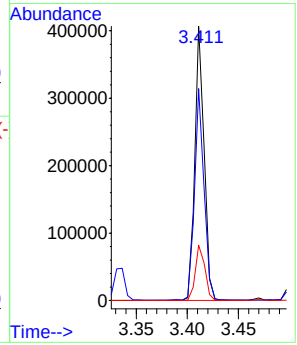


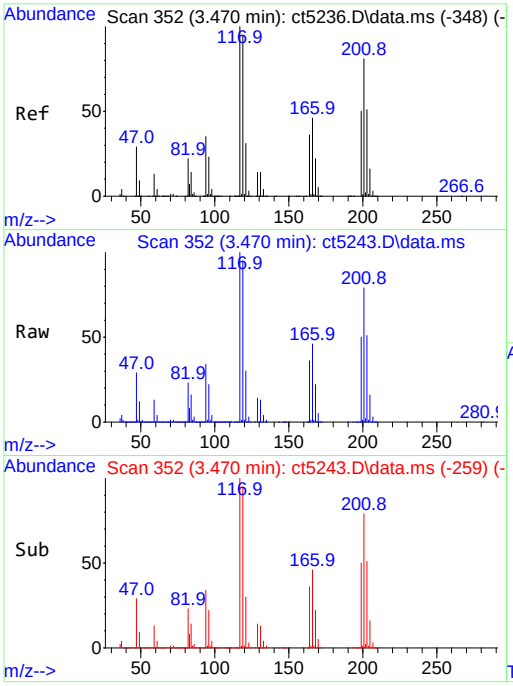


#22
n-Nitroso-di-n-propylamine
Concen: 26.42 ppm
RT: 3.411 min Scan# 341
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 70 Resp: 259524

Ion	Ratio	Lower	Upper
70	100		
42	77.2	42.3	102.3
130	20.2	0.0	50.5

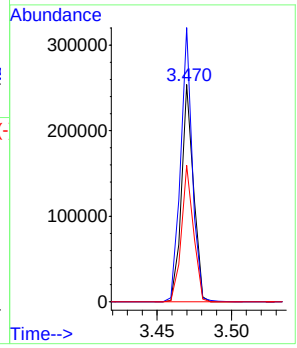


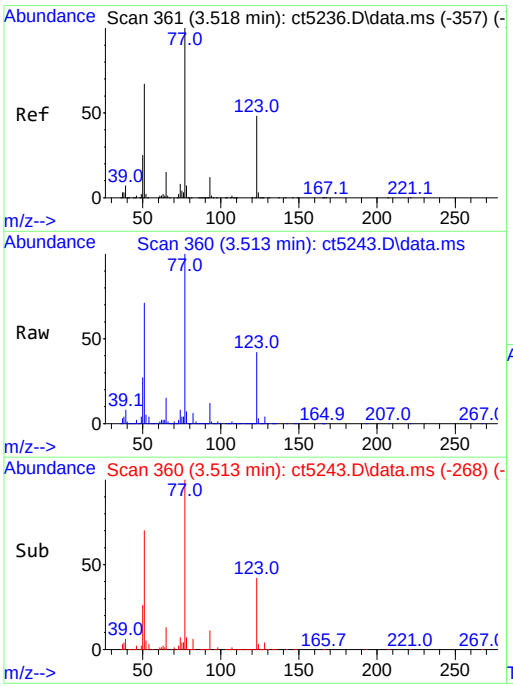


#23
Hexachloroethane
Concen: 24.86 ppm
RT: 3.470 min Scan# 352
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:201 Resp: 143018

Ion	Ratio	Lower	Upper
201	100		
117	126.2	93.9	153.9
199	62.8	32.2	92.2

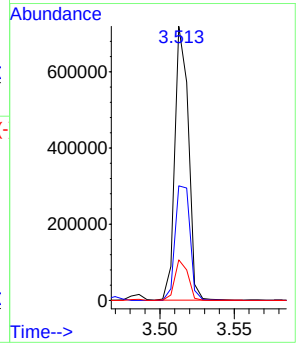


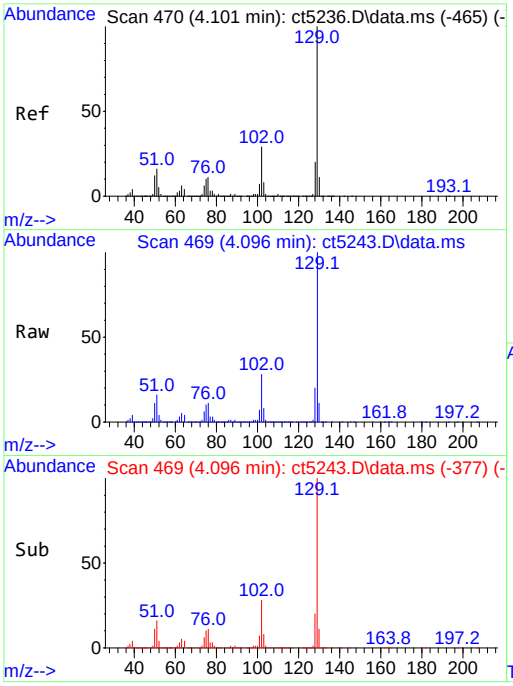


#26
Nitrobenzene
Concen: 25.41 ppm
RT: 3.513 min Scan# 360
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 77 Resp: 458352

Ion	Ratio	Lower	Upper
77	100		
123	41.9	18.0	78.0
65	14.8	0.0	44.7

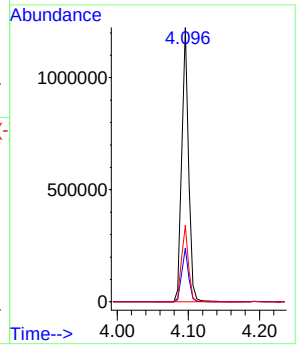


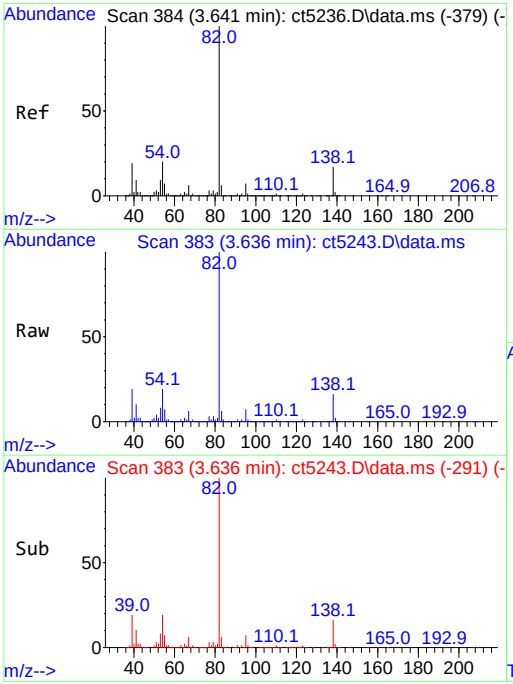


#27
Quinoline
Concen: 25.18 ppm
RT: 4.096 min Scan# 469
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:129 Resp: 814073

Ion	Ratio	Lower	Upper
129	100		
128	19.6	0.0	49.7
102	27.8	0.0	58.7

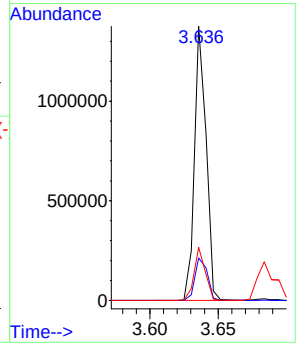


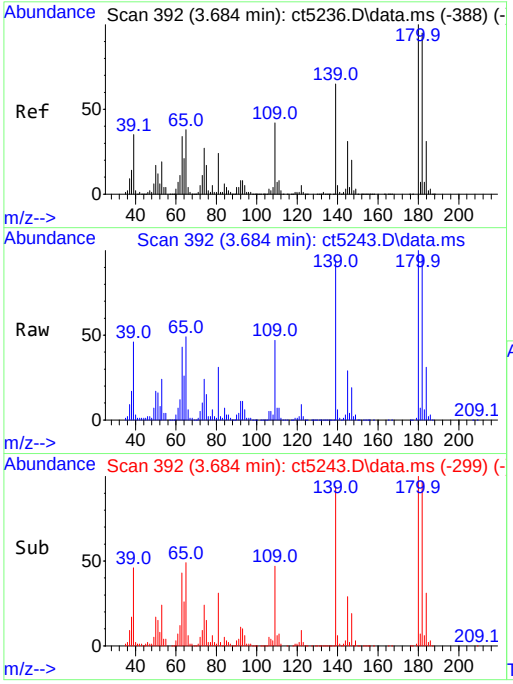


#28
Isophorone
Concen: 25.40 ppm
RT: 3.636 min Scan# 383
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 82 Resp: 809831

Ion	Ratio	Lower	Upper
82	100		
138	15.5	0.0	47.0
39	19.4	0.0	49.1

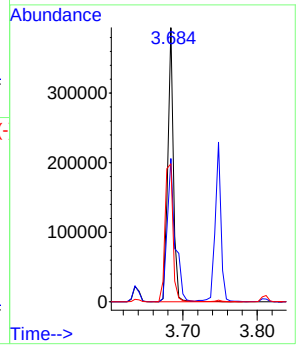


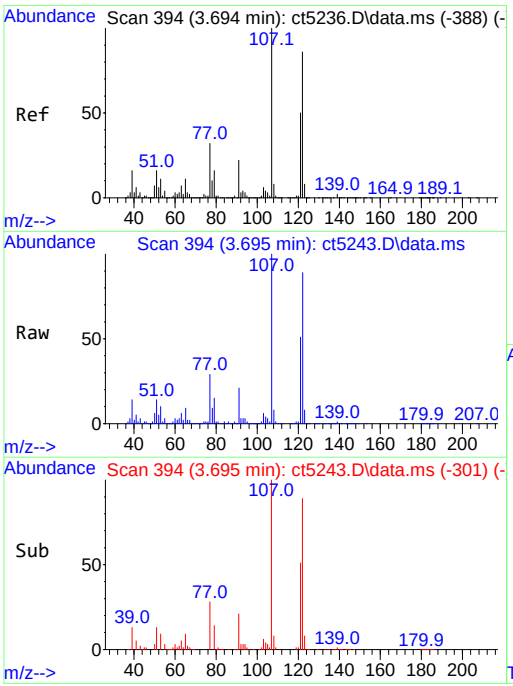


#29
2-Nitrophenol
Concen: 25.78 ppm
RT: 3.684 min Scan# 392
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:139 Resp: 208263

Ion	Ratio	Lower	Upper
139	100		
65	52.1	28.1	88.1
109	50.3	35.1	95.1

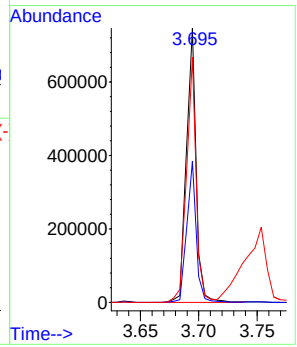


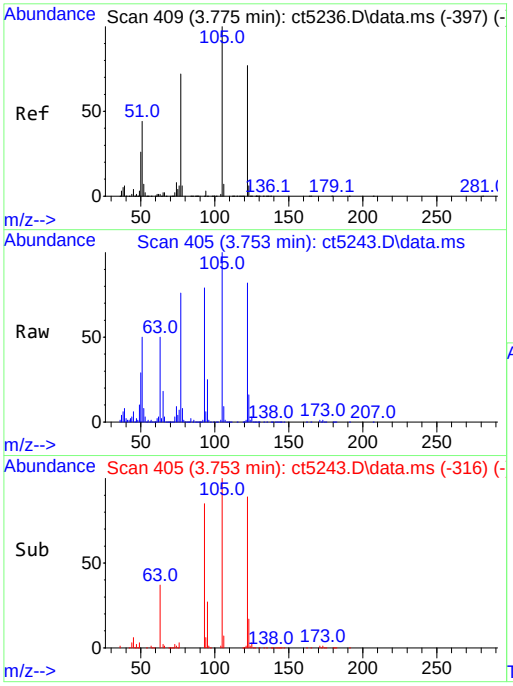


#30
2,4-Dimethylphenol
Concen: 25.80 ppm
RT: 3.695 min Scan# 394
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:107 Resp: 432306

Ion	Ratio	Lower	Upper
107	100		
121	51.4	19.9	79.9
122	82.3	51.6	111.6

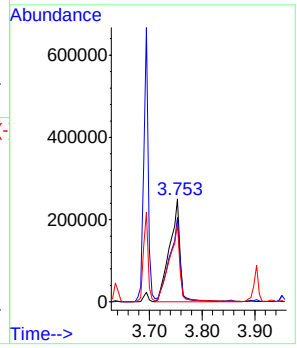


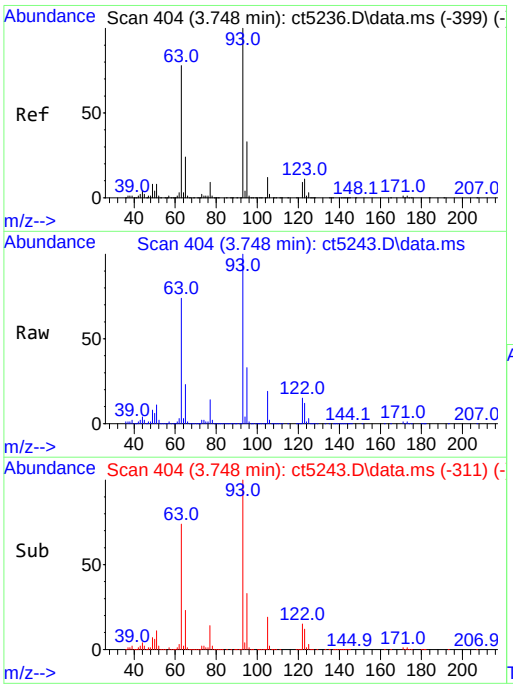


#31
Benzoic acid
Concen: 22.79 ppm
RT: 3.753 min Scan# 405
Delta R.T. -0.021 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:105 Resp: 345940

Ion	Ratio	Lower	Upper
105	100		
122	80.5	48.8	108.8
77	75.7	43.0	103.0

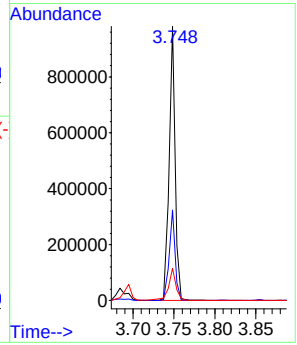


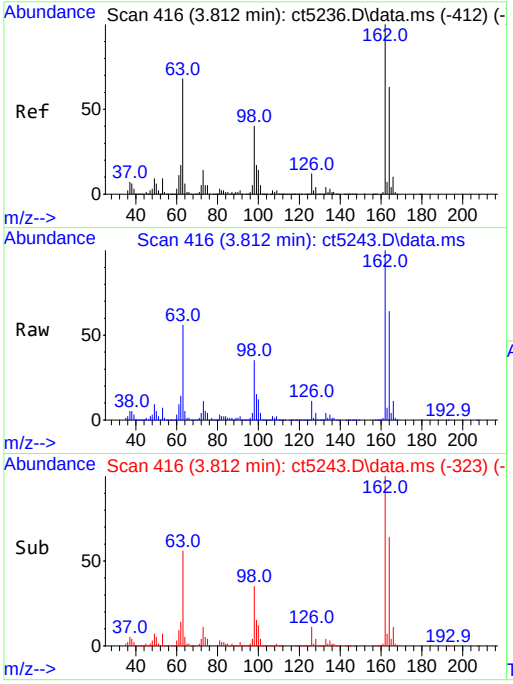


#32
bis(2-Chloroethoxy)methane
Concen: 25.51 ppm
RT: 3.748 min Scan# 404
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 93 Resp: 498689

Ion	Ratio	Lower	Upper
93	100		
95	32.9	2.7	62.7
123	11.5	0.0	40.7

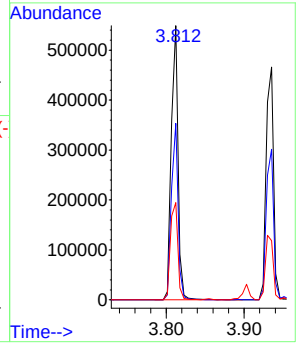


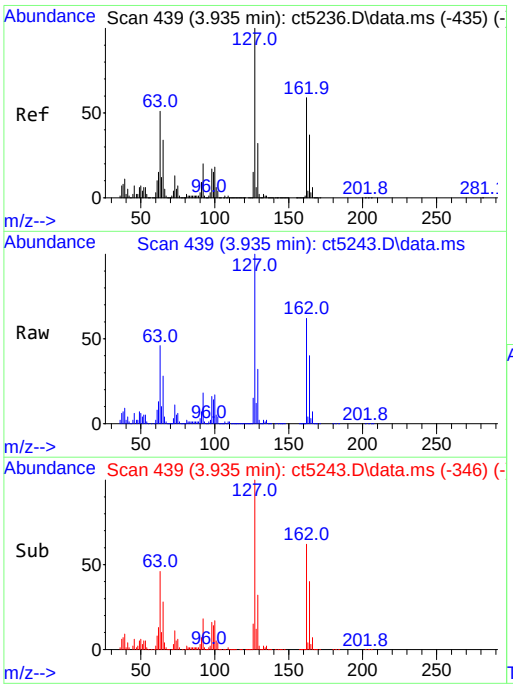


#33
2,4-Dichlorophenol
Concen: 25.24 ppm
RT: 3.812 min Scan# 416
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:162 Resp: 333608

Ion	Ratio	Lower	Upper
162	100		
164	64.3	33.4	93.4
98	34.3	10.2	70.2

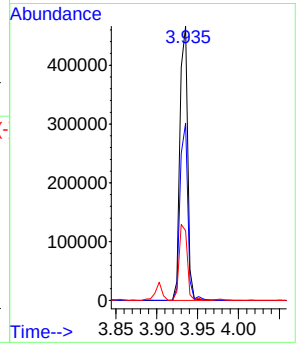


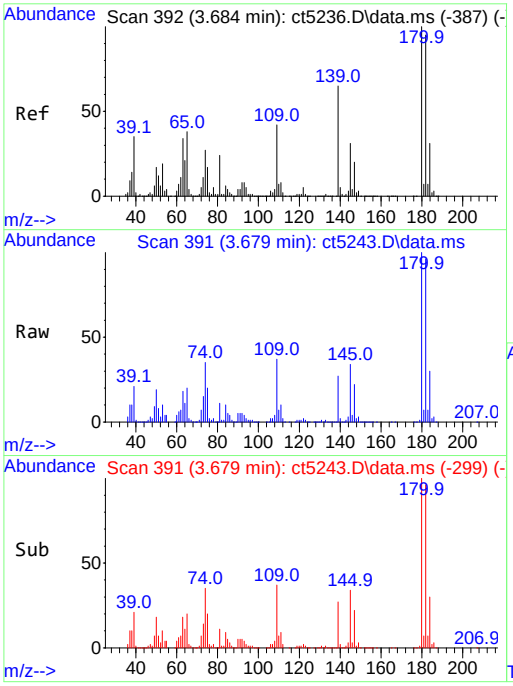


#34
2,6-Dichlorophenol
Concen: 26.44 ppm
RT: 3.935 min Scan# 439
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:162 Resp: 306869

Ion	Ratio	Lower	Upper
162	100		
164	64.6	33.8	93.8
98	24.1	0.0	58.3

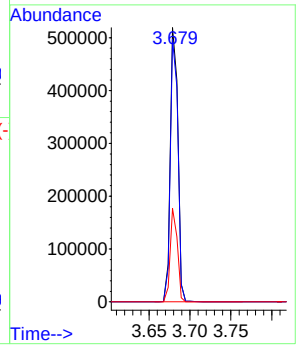


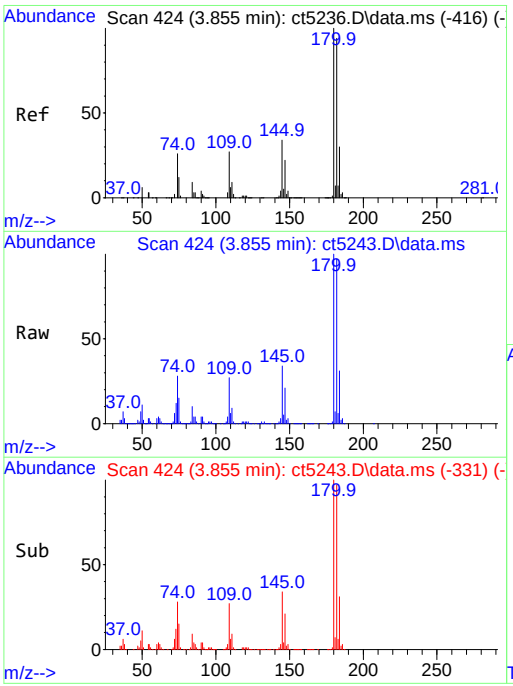


#35
1,3,5-Trichlorobenzene
Concen: 25.56 ppm
RT: 3.679 min Scan# 391
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:180 Resp: 336715

Ion	Ratio	Lower	Upper
180	100		
182	95.7	64.6	124.6
145	34.1	0.9	60.9

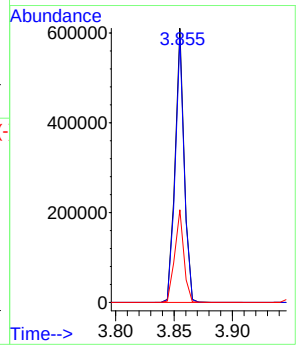


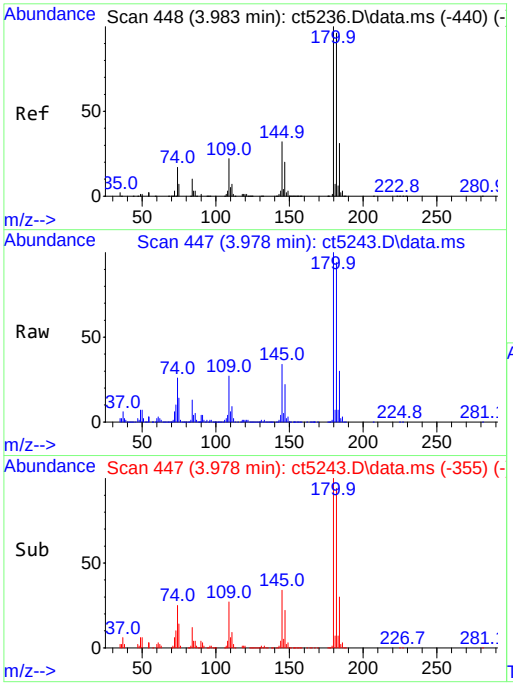


#36
1,2,4-Trichlorobenzene
Concen: 24.99 ppm
RT: 3.855 min Scan# 424
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:180 Resp: 332391

Ion	Ratio	Lower	Upper
180	100		
182	96.5	63.6	123.6
145	33.7	4.3	64.3

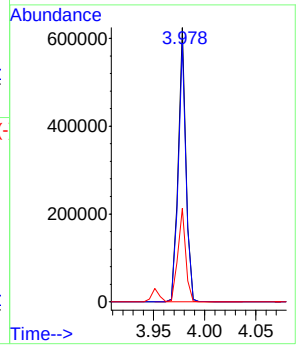


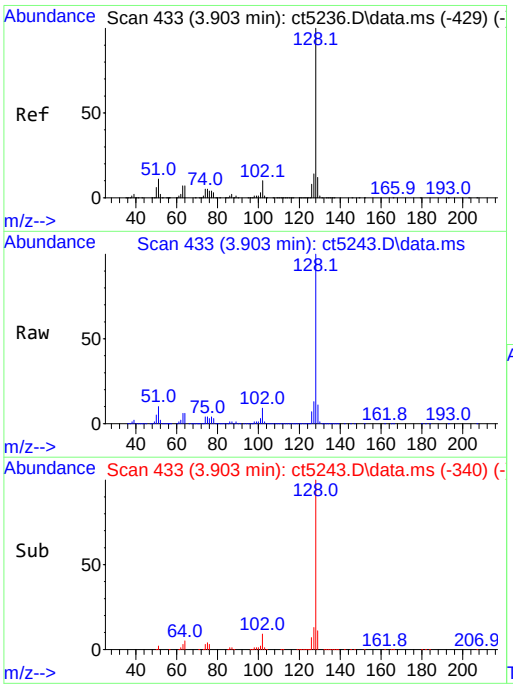


#37
1,2,3-Trichlorobenzene
Concen: 25.42 ppm
RT: 3.978 min Scan# 447
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:180 Resp: 329656

Ion	Ratio	Lower	Upper
180	100		
182	94.2	65.9	125.9
145	31.7	2.0	62.0

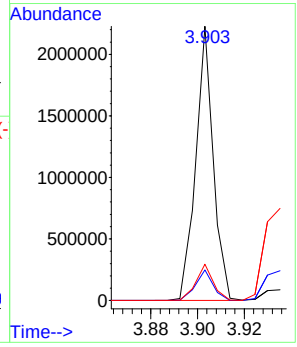


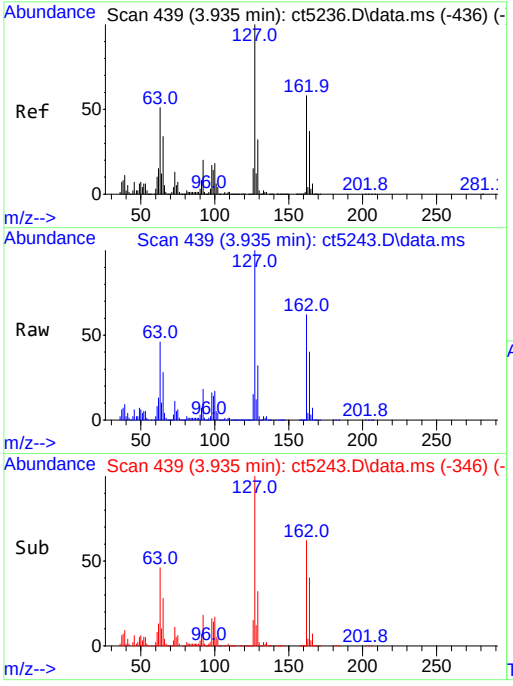


#38
Naphthalene
Concen: 26.49 ppm
RT: 3.903 min Scan# 433
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:128 Resp: 1157697

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	41.7
127	13.2	0.0	43.6

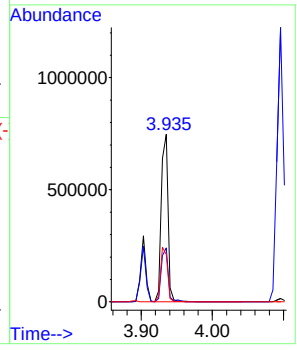


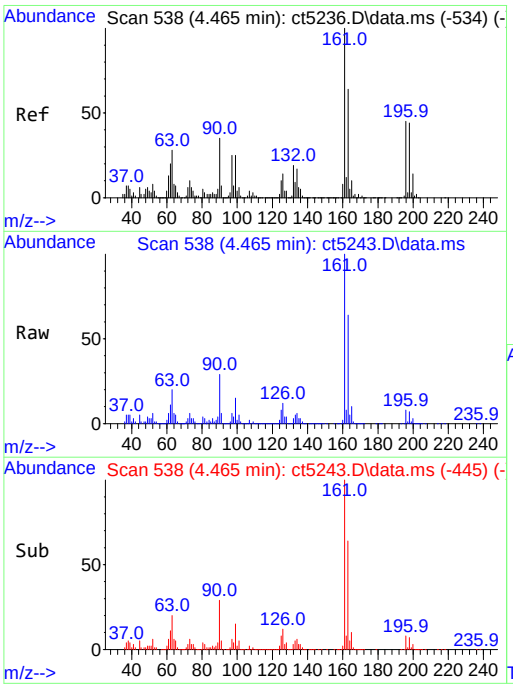


#39
4-Chloroaniline
Concen: 26.78 ppm
RT: 3.935 min Scan# 439
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:127 Resp: 488295

Ion	Ratio	Lower	Upper
127	100		
129	32.2	2.2	62.2
65	28.3	4.0	64.0

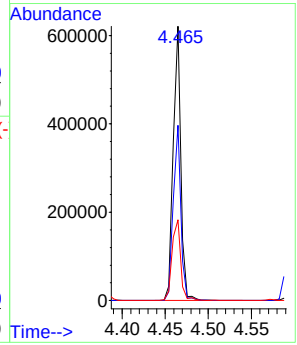


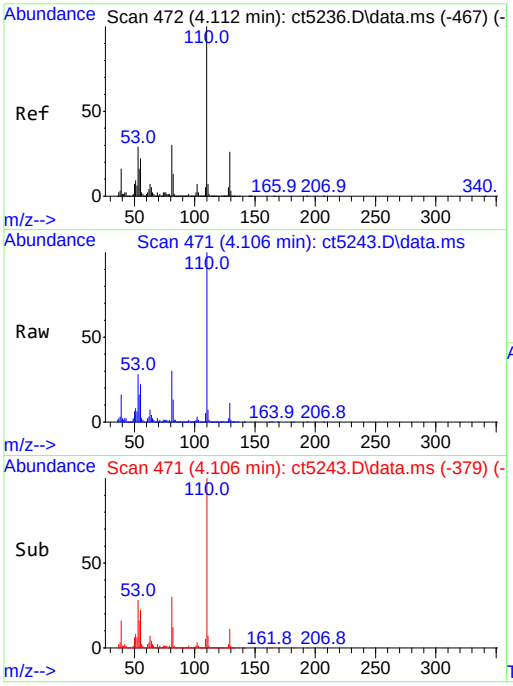


#40
2,3-Dichloroaniline
Concen: 26.40 ppm
RT: 4.465 min Scan# 538
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:161 Resp: 377913

Ion	Ratio	Lower	Upper
161	100		
163	63.8	34.3	94.3
90	29.4	5.3	65.3

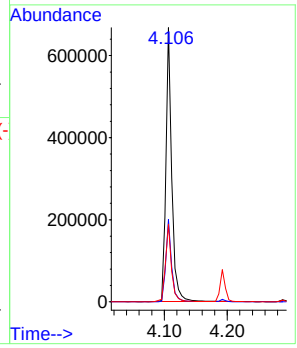


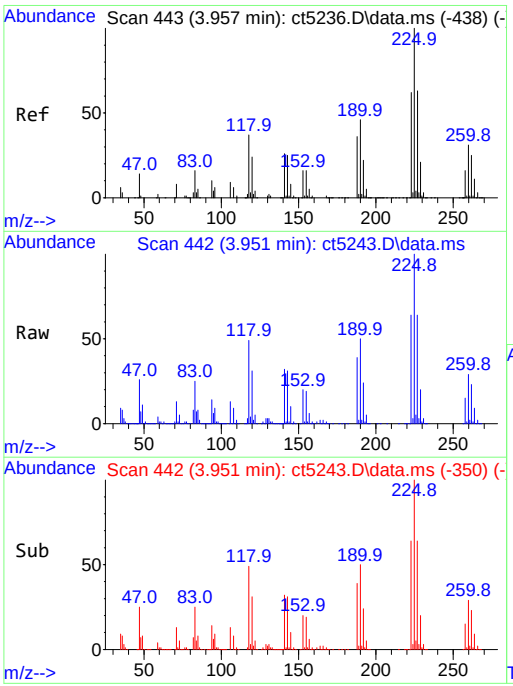


#41
Hydroquinone
Concen: 25.27 ppm
RT: 4.106 min Scan# 471
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:110 Resp: 427578

Ion	Ratio	Lower	Upper
110	100		
81	30.0	0.1	60.1
53	28.3	0.0	59.2

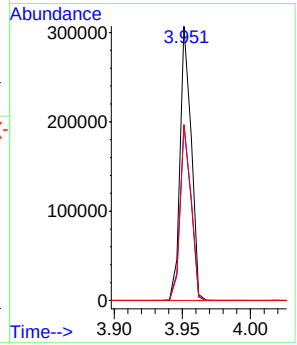


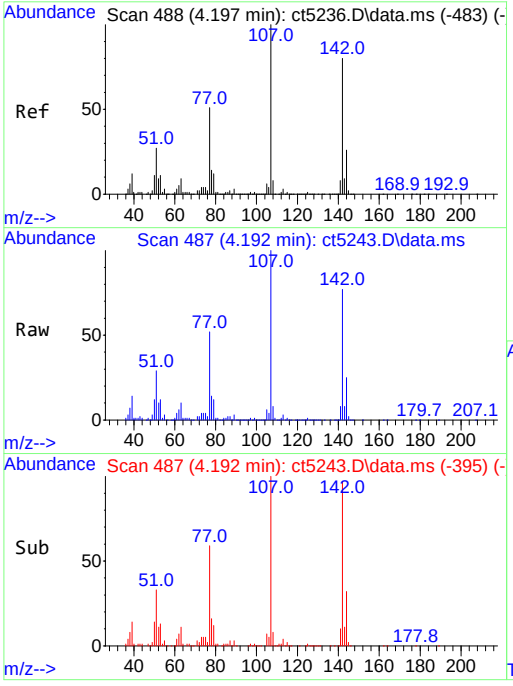


#42
Hexachlorobutadiene
Concen: 25.19 ppm
RT: 3.951 min Scan# 442
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:225 Resp: 174448

Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.1	92.1
227	64.1	33.3	93.3

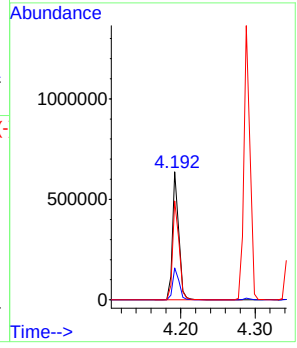


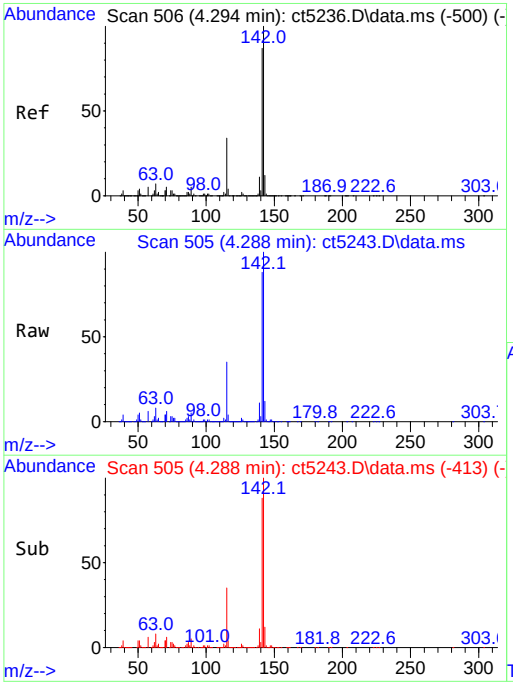


#43
4-Chloro-3-methylphenol
Concen: 25.46 ppm
RT: 4.192 min Scan# 487
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:107 Resp: 372272

Ion	Ratio	Lower	Upper
107	100		
144	24.8	0.0	55.9
142	52.7	43.8	103.8

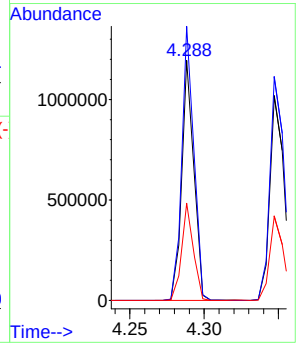


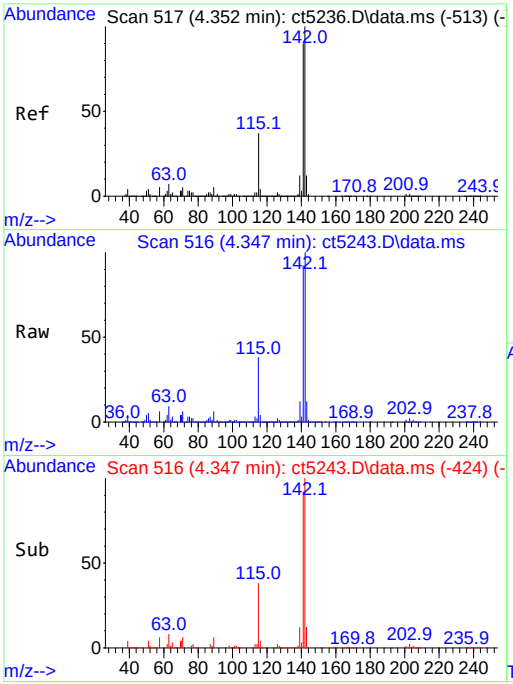


#44
2-Methylnaphthalene
Concen: 26.43 ppm
RT: 4.288 min Scan# 505
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:141 Resp: 679468

Ion	Ratio	Lower	Upper
141	100		
142	114.3	85.2	145.2
115	40.5	9.7	69.7

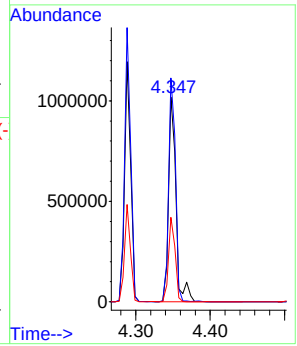


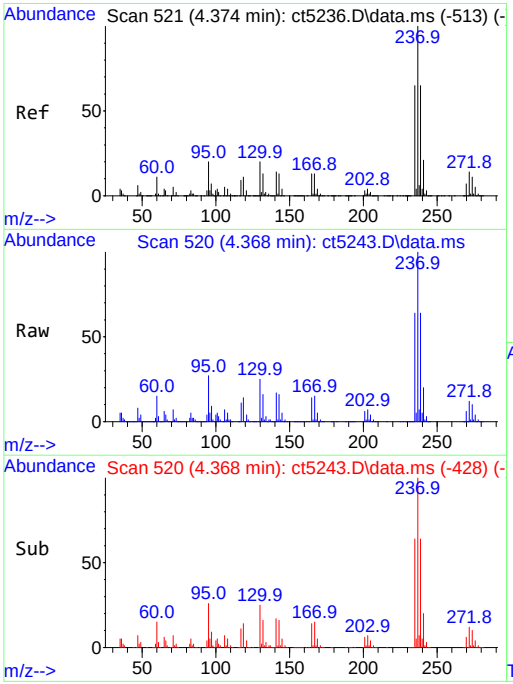


#45
1-Methylnaphthalene
Concen: 26.18 ppm
RT: 4.347 min Scan# 516
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:141 Resp: 701758

Ion	Ratio	Lower	Upper
141	100		
142	109.2	80.8	140.8
115	41.2	10.8	70.8

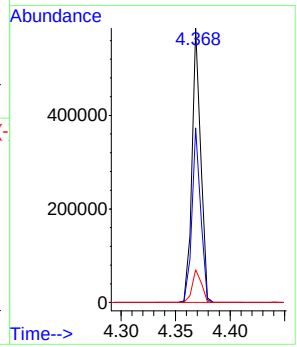


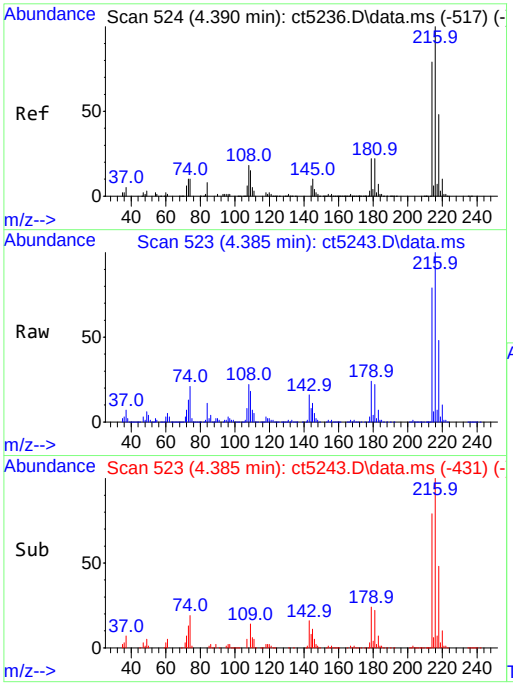


#47
Hexachlorocyclopentadiene
Concen: 50.71 ppm
RT: 4.368 min Scan# 520
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:237 Resp: 325667

Ion	Ratio	Lower	Upper
237	100		
235	63.6	34.5	94.5
272	11.9	0.0	43.6

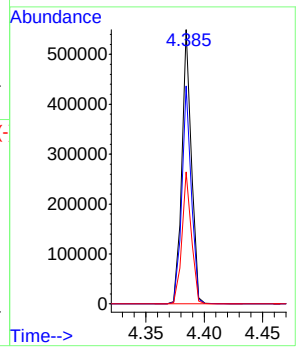


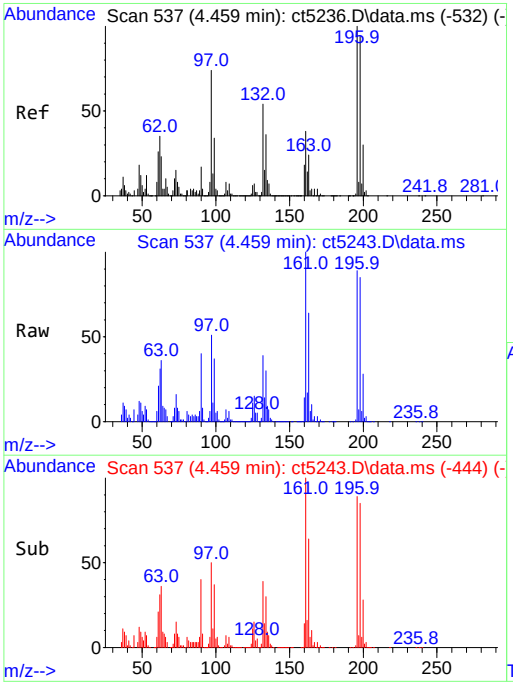


#48
1,2,4,5-tetrachlorobenzene
Concen: 27.08 ppm
RT: 4.385 min Scan# 523
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:216 Resp: 311673

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
218	47.6	38.4	57.6

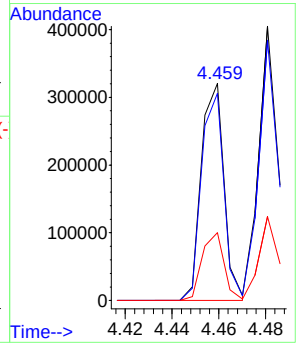


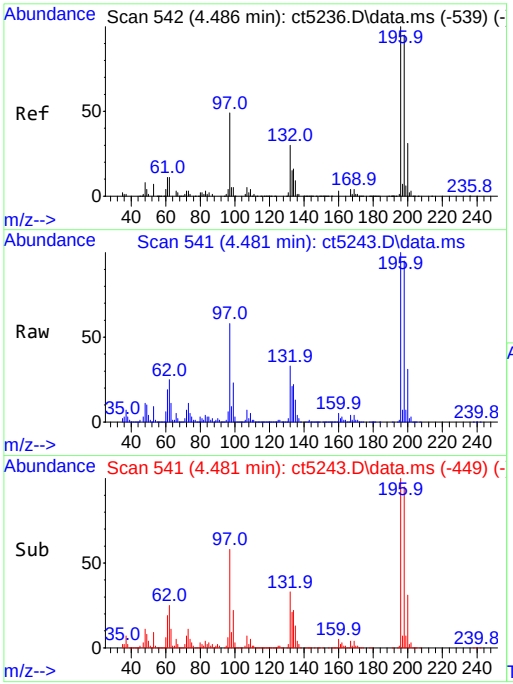


#49
2,4,6-Trichlorophenol
Concen: 27.74 ppm
RT: 4.459 min Scan# 537
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:196 Resp: 215309

Ion	Ratio	Lower	Upper
196	100		
198	95.5	64.2	124.2
200	31.2	0.0	59.5

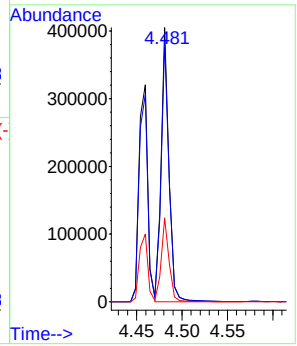


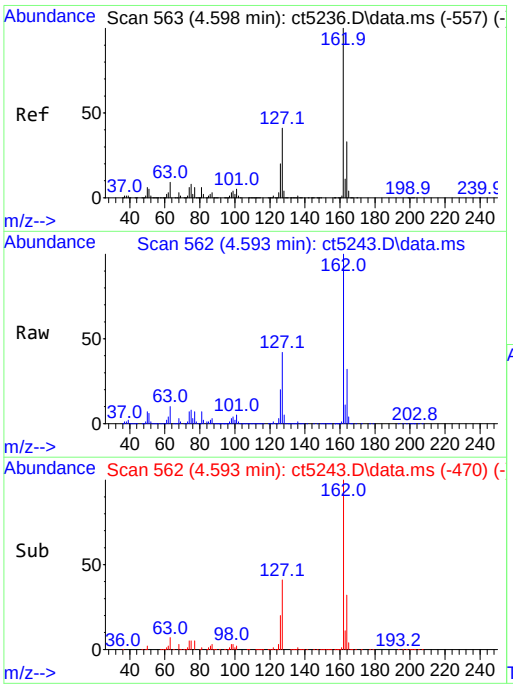


#50
2,4,5-Trichlorophenol
Concen: 25.97 ppm
RT: 4.481 min Scan# 541
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:196 Resp: 240829

Ion	Ratio	Lower	Upper
196	100		
198	94.9	65.2	125.2
200	30.6	0.7	60.7

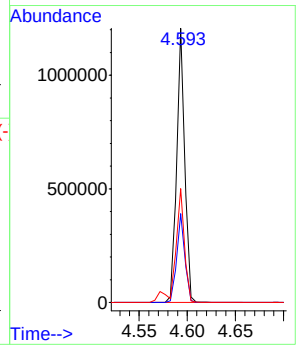


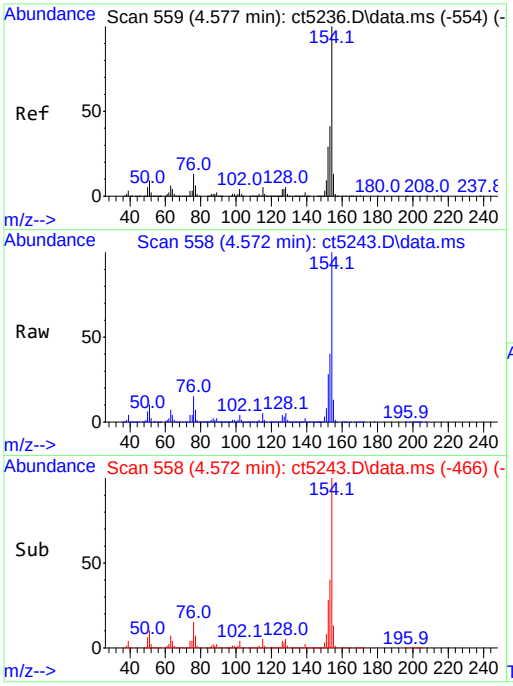


#52
2-Chloronaphthalene
Concen: 26.79 ppm
RT: 4.593 min Scan# 562
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:162 Resp: 699633

Ion	Ratio	Lower	Upper
162	100		
164	32.4	2.8	62.8
127	41.1	11.0	71.0

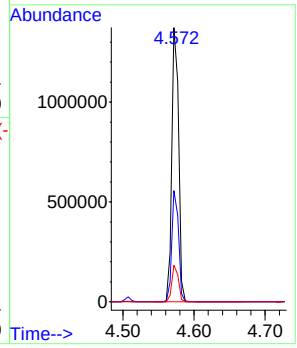


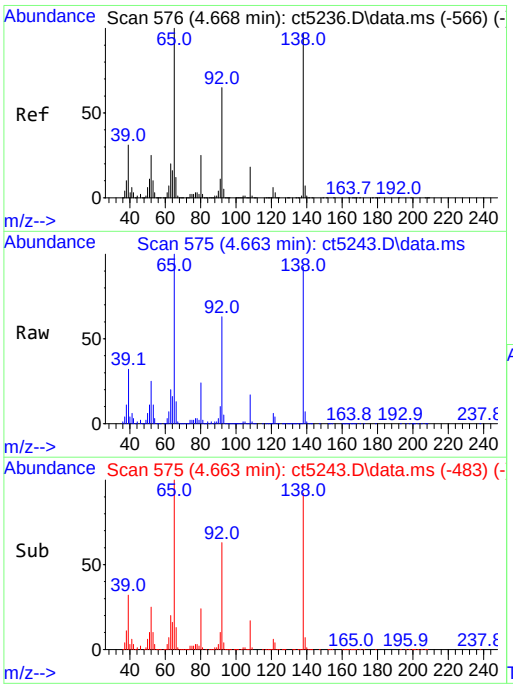


#53
Biphenyl
Concen: 27.45 ppm
RT: 4.572 min Scan# 558
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:154 Resp: 912347

Ion	Ratio	Lower	Upper
154	100		
153	40.5	10.7	70.7
155	13.3	0.0	43.5

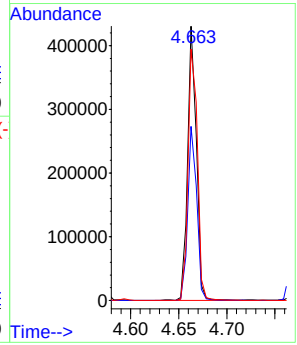


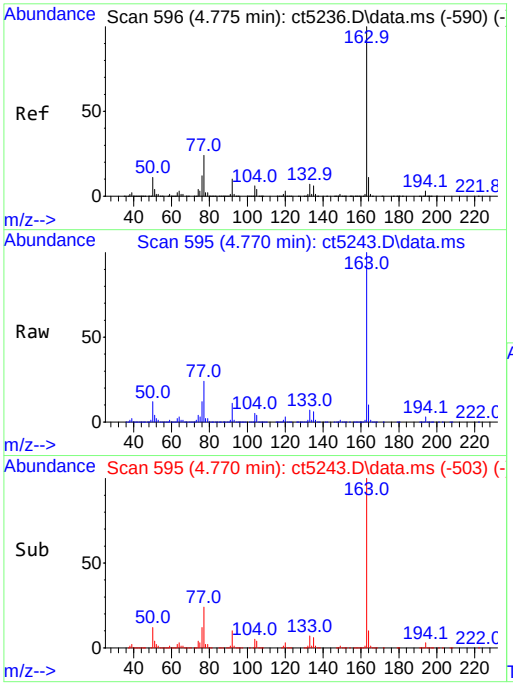


#54
2-Nitroaniline
Concen: 26.21 ppm
RT: 4.663 min Scan# 575
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 65 Resp: 272761

Ion	Ratio	Lower	Upper
65	100		
92	63.5	34.6	94.6
138	91.7	67.0	127.0

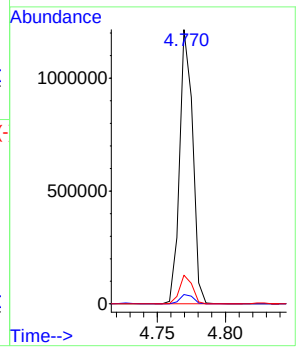


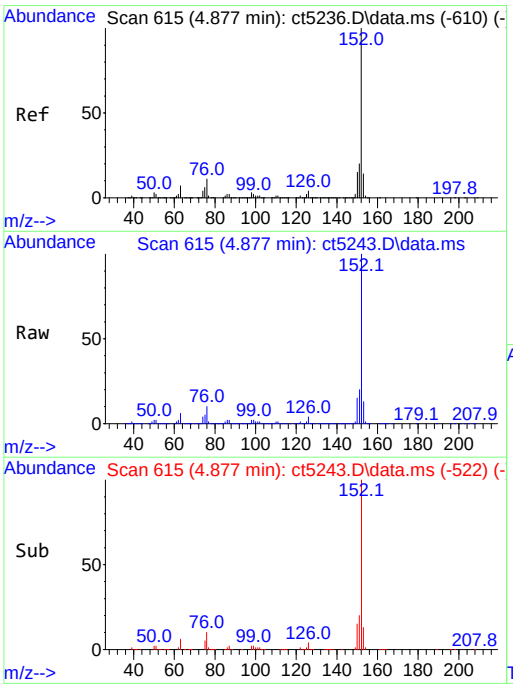


#55
Dimethylphthalate
Concen: 26.19 ppm
RT: 4.770 min Scan# 595
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:163 Resp: 814711

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	33.4
164	10.5	0.0	40.5

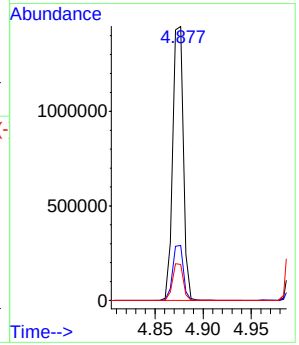


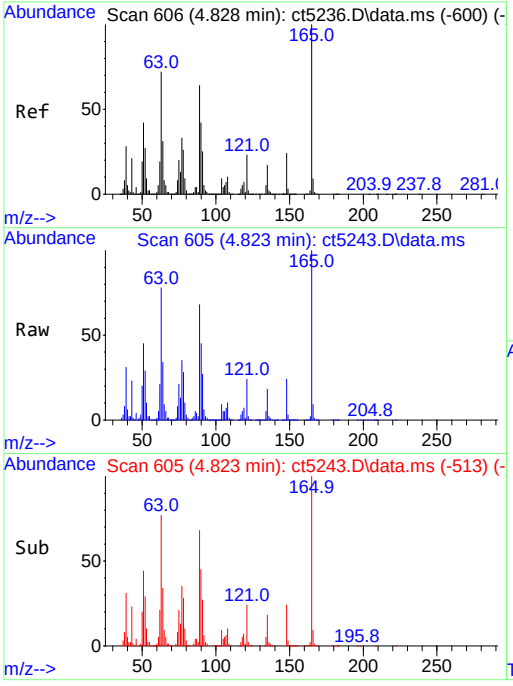


#56
Acenaphthylene
Concen: 26.70 ppm
RT: 4.877 min Scan# 615
Delta R.T. 0.000 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:152 Resp: 1112515

Ion	Ratio	Lower	Upper
152	100		
151	20.1	0.0	50.4
153	13.1	0.0	43.6

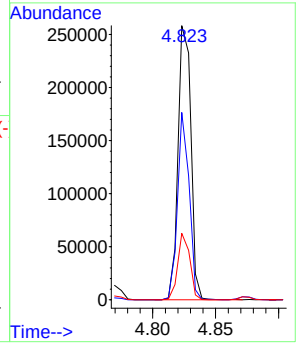


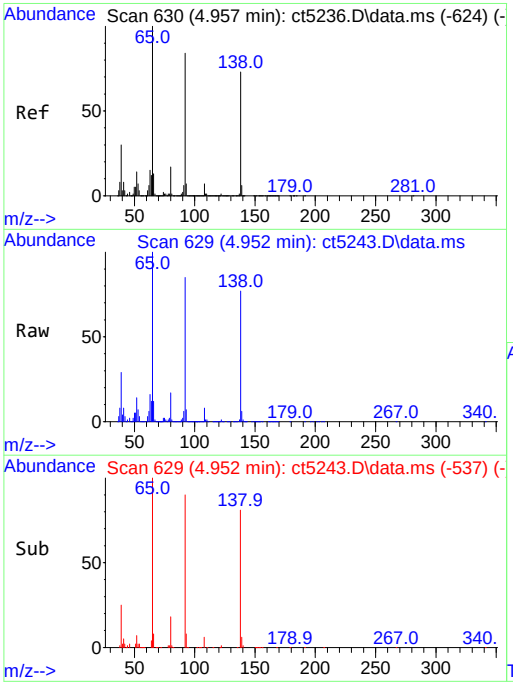


#57
2,6-Dinitrotoluene
Concen: 24.99 ppm
RT: 4.823 min Scan# 605
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:165 Resp: 182318

Ion	Ratio	Lower	Upper
165	100		
89	67.8	34.4	94.4
121	23.7	0.0	53.3

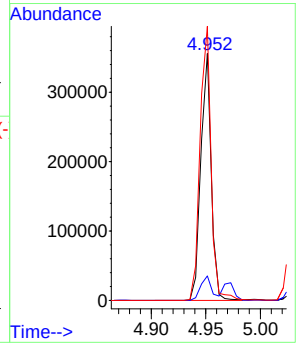


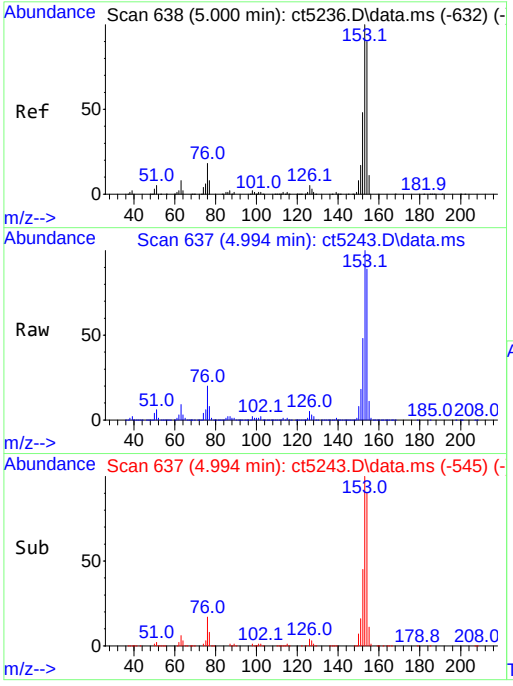


#58
3-Nitroaniline
Concen: 25.44 ppm
RT: 4.952 min Scan# 629
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:138 Resp: 234842

Ion	Ratio	Lower	Upper
138	100		
108	9.9	0.0	40.1
92	111.0	84.8	144.8

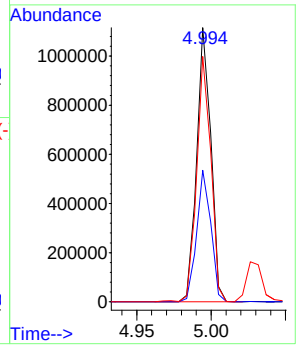


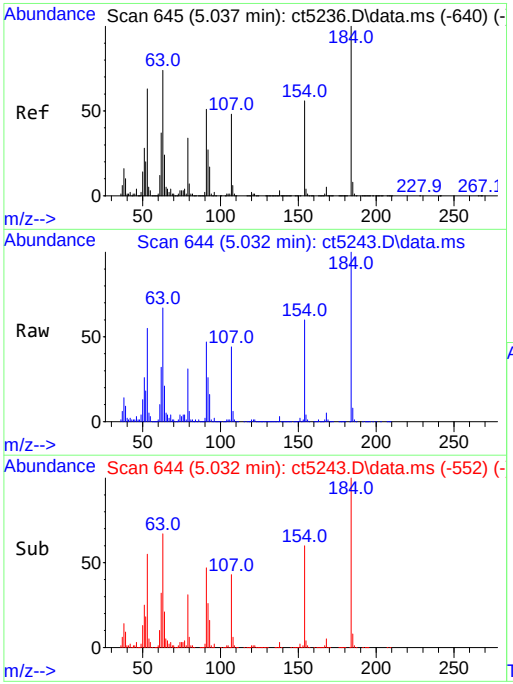


#59
Acenaphthene
Concen: 27.32 ppm
RT: 4.994 min Scan# 637
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:153 Resp: 737645

Ion	Ratio	Lower	Upper
153	100		
152	47.9	18.5	78.5
154	88.2	59.7	119.7

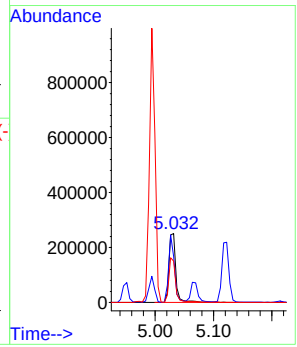


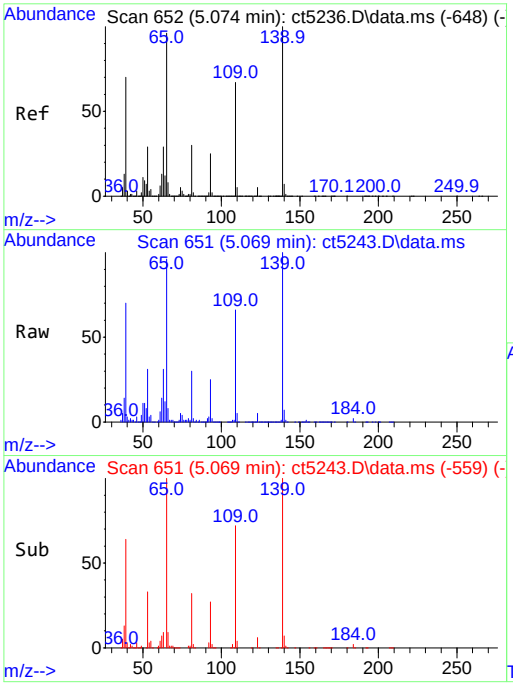


#60
2,4-Dinitrophenol
Concen: 47.16 ppm
RT: 5.032 min Scan# 644
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:184 Resp: 205057

Ion	Ratio	Lower	Upper
184	100		
63	57.6	32.3	92.3
154	0.0	29.0	89.0#

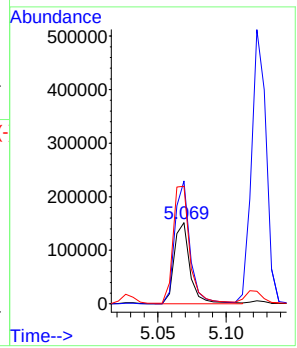


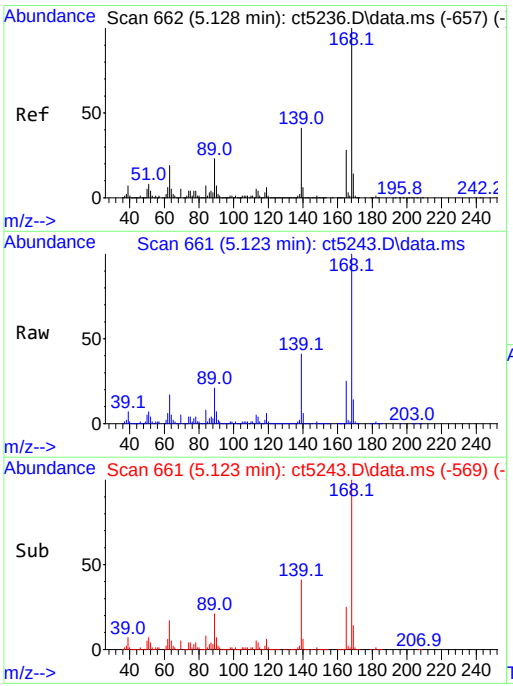


#61
4-Nitrophenol
Concen: 24.32 ppm
RT: 5.069 min Scan# 651
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:109 Resp: 122307

Ion	Ratio	Lower	Upper
109	100		
139	146.4	118.3	178.3
65	142.5	113.1	173.1

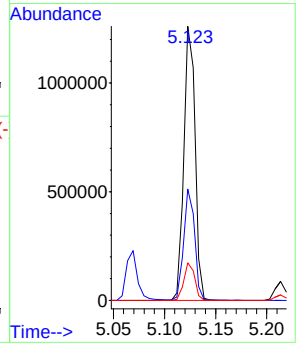


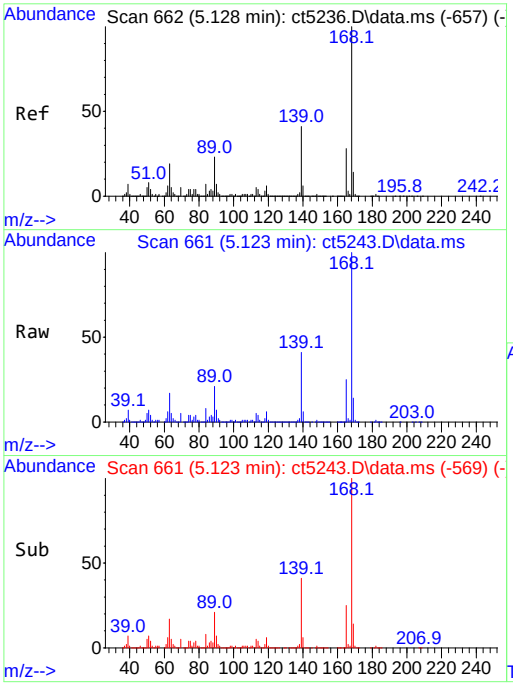


#62
Dibenzofuran
Concen: 27.74 ppm
RT: 5.123 min Scan# 661
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:168 Resp: 969380

Ion	Ratio	Lower	Upper
168	100		
139	40.4	11.5	71.5
169	13.7	0.0	43.8

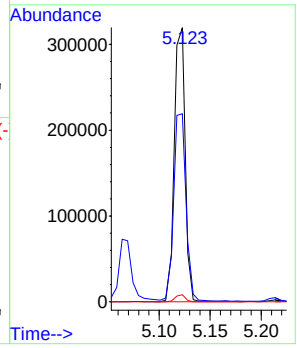


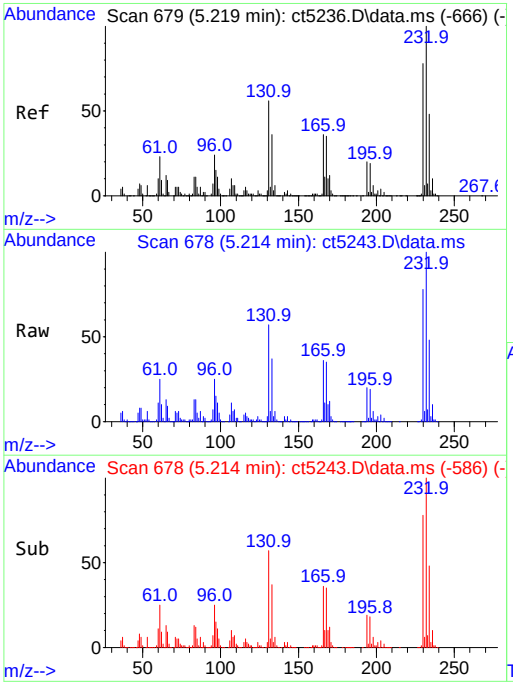


#63
2,4-Dinitrotoluene
Concen: 26.74 ppm
RT: 5.123 min Scan# 661
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:165 Resp: 237142

Ion	Ratio	Lower	Upper
165	100		
63	68.1	35.6	95.6
182	2.6	0.0	32.5

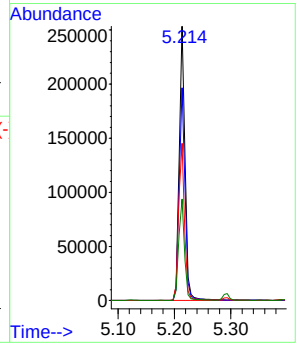


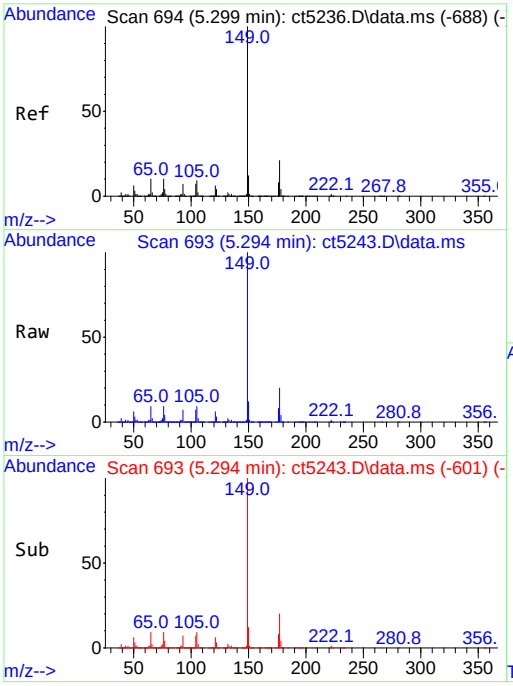


#64
2,3,4,6-Tetrachlorophenol
Concen: 25.74 ppm
RT: 5.214 min Scan# 678
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:232 Resp: 182291

Ion	Ratio	Lower	Upper
232	100		
230	77.5	48.2	108.2
131	57.3	25.8	85.8
133	36.9	6.2	66.2

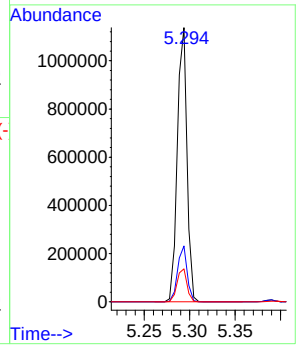


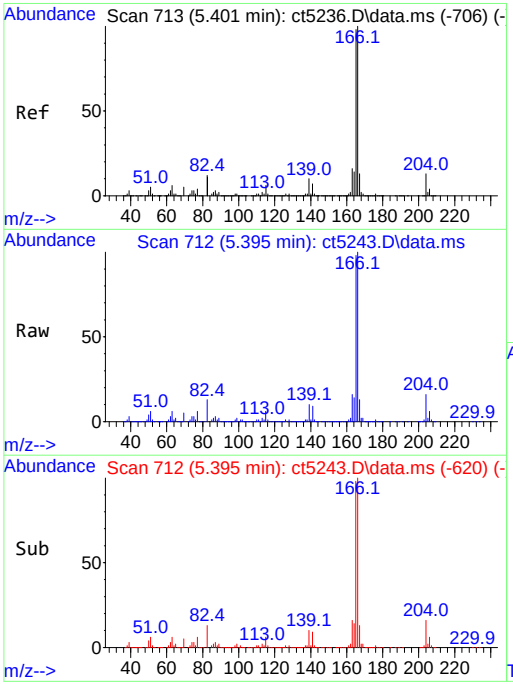


#65
Diethylphthalate
Concen: 26.37 ppm
RT: 5.294 min Scan# 693
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:149 Resp: 851077

Ion	Ratio	Lower	Upper
149	100		
177	20.4	0.0	50.7
150	12.0	0.0	42.5

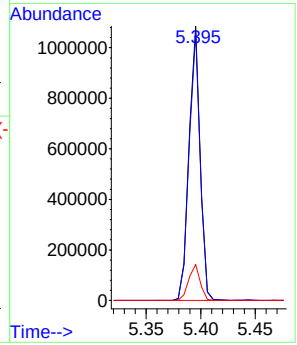


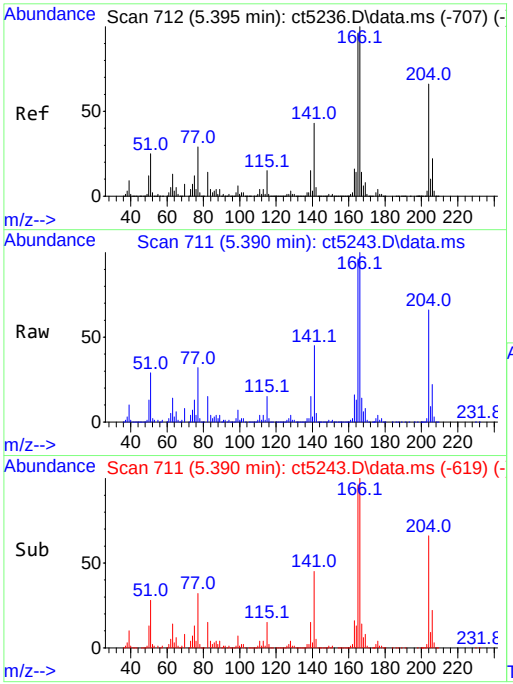


#66
Fluorene
Concen: 27.77 ppm
RT: 5.395 min Scan# 712
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:166 Resp: 767734

Ion	Ratio	Lower	Upper
166	100		
165	97.6	67.6	127.6
167	13.2	0.0	43.4

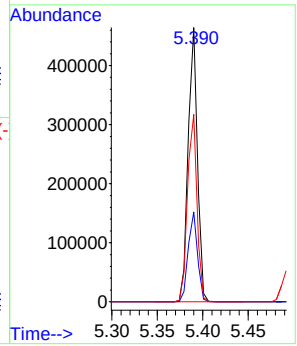


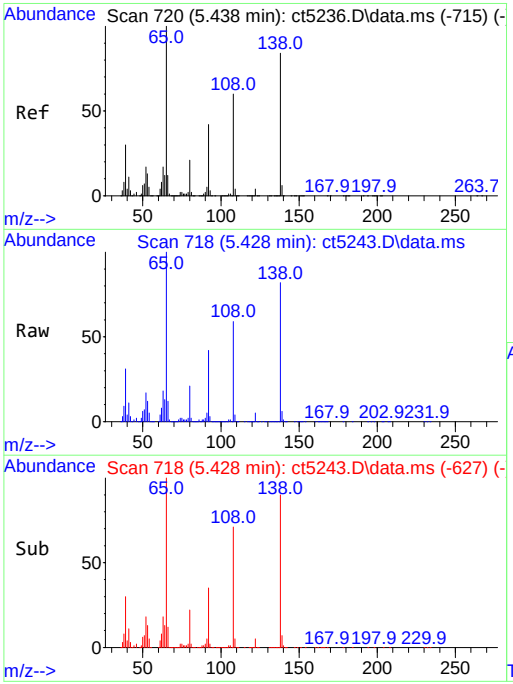


#67
4-Chlorophenyl-phenylether
Concen: 27.42 ppm
RT: 5.390 min Scan# 711
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:204 Resp: 328551

Ion	Ratio	Lower	Upper
204	100		
206	32.7	2.9	62.9
141	68.3	34.9	94.9

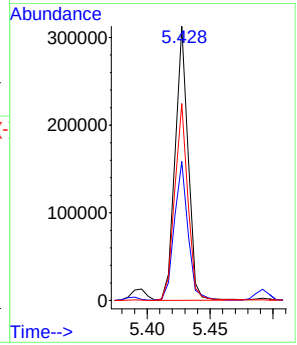


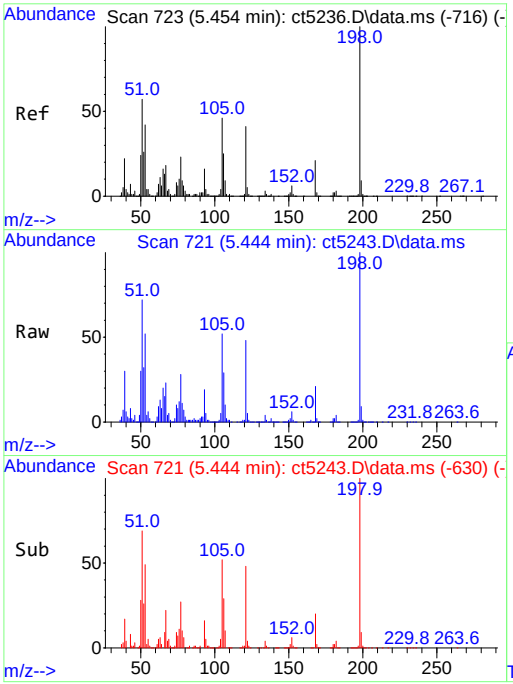


#68
4-Nitroaniline
Concen: 24.46 ppm
RT: 5.428 min Scan# 718
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:138 Resp: 223328

Ion	Ratio	Lower	Upper
138	100		
92	50.6	20.2	80.2
108	71.7	41.6	101.6

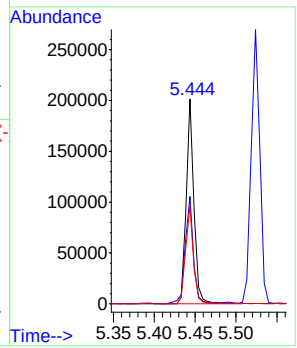


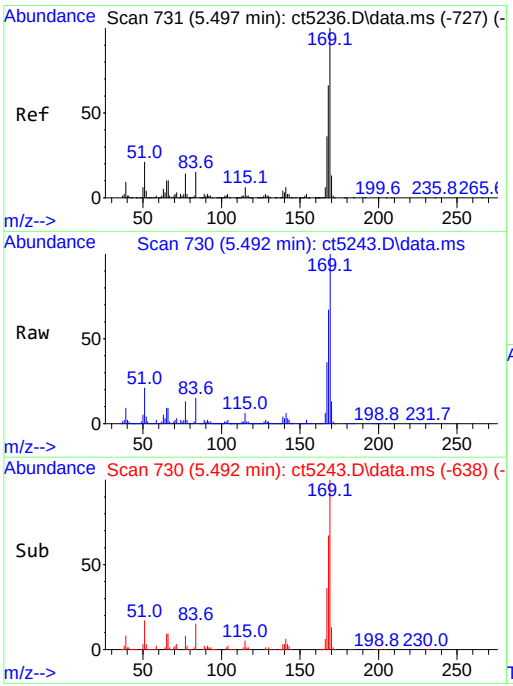


#70
4,6-Dinitro-2-methylphenol
Concen: 23.86 ppm
RT: 5.444 min Scan# 721
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:198 Resp: 132440

Ion	Ratio	Lower	Upper
198	100		
105	52.0	15.6	75.6
121	47.8	11.4	71.4

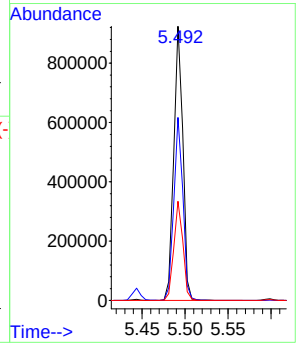


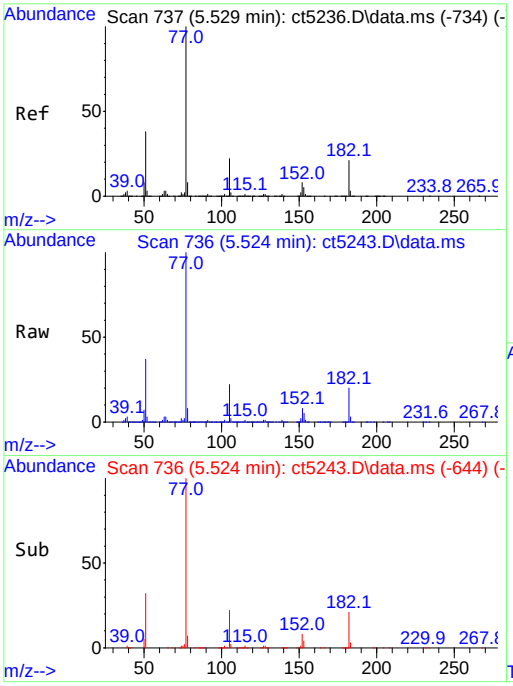


#71
n-Nitrosodiphenylamine
Concen: 26.24 ppm
RT: 5.492 min Scan# 730
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:169 Resp: 675863

Ion	Ratio	Lower	Upper
169	100		
168	66.6	36.0	96.0
167	36.1	6.2	66.2

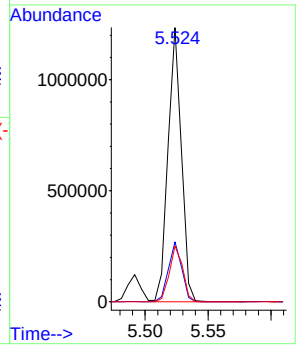


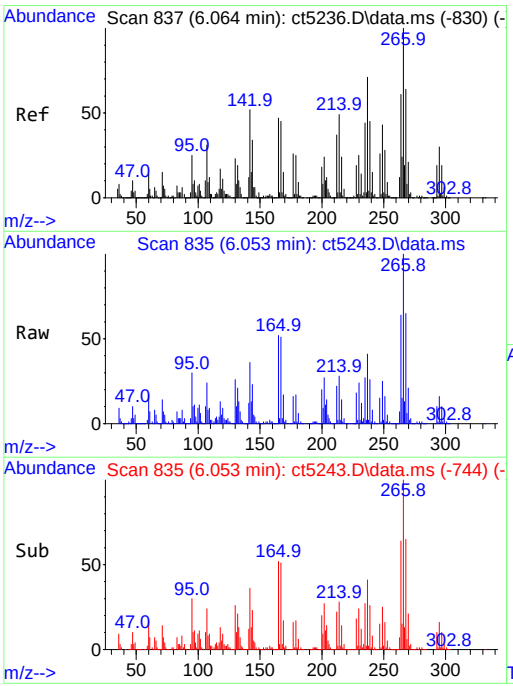


#72
1,2-Diphenylhydrazine
Concen: 26.88 ppm
RT: 5.524 min Scan# 736
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 77 Resp: 912783

Ion	Ratio	Lower	Upper
77	100		
105	21.8	0.0	51.9
182	20.4	0.0	51.0

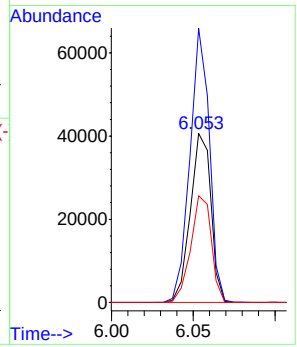


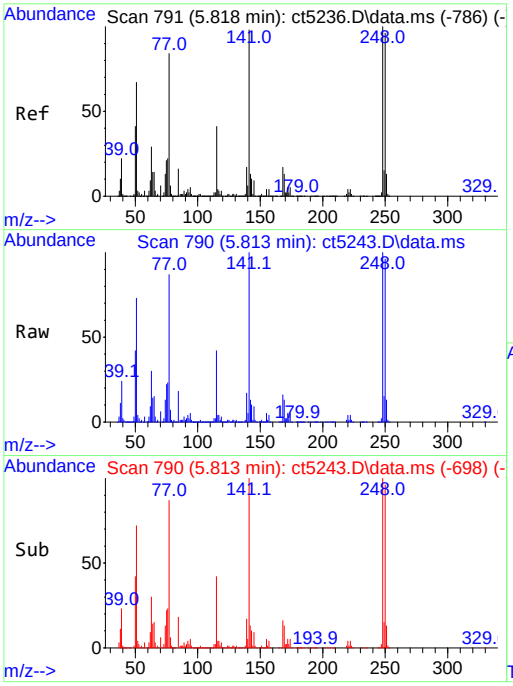


#73
pentachloronitrobenzene
Concen: 27.03 ppm
RT: 6.053 min Scan# 835
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:295 Resp: 35679

Ion	Ratio	Lower	Upper
295	100		
249	153.5	121.8	182.8
297	63.3	51.7	77.5

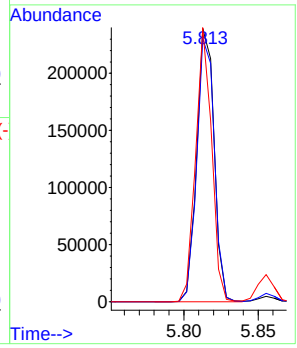


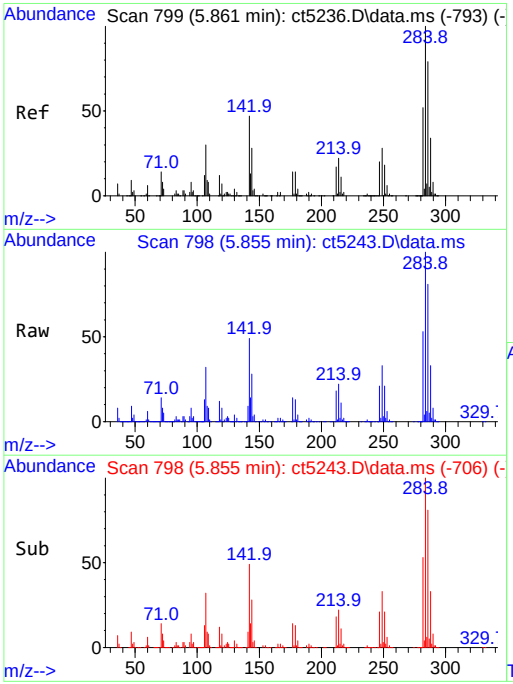


#75
4-Bromophenyl-phenylether
Concen: 25.92 ppm
RT: 5.813 min Scan# 790
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:248 Resp: 194130

Ion	Ratio	Lower	Upper
248	100		
250	96.4	65.9	125.9
141	100.2	68.1	128.1

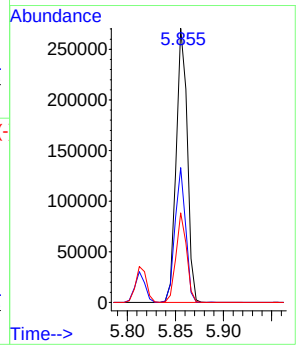


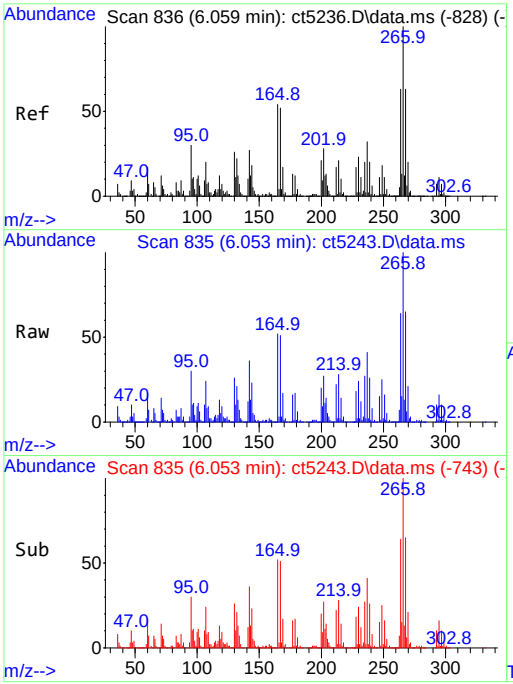


#76
Hexachlorobenzene
Concen: 25.84 ppm
RT: 5.855 min Scan# 798
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:284 Resp: 216721

Ion	Ratio	Lower	Upper
284	100		
142	49.0	17.4	77.4
249	32.6	0.0	59.7

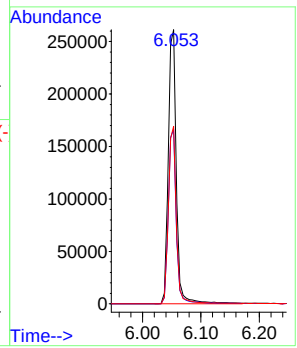


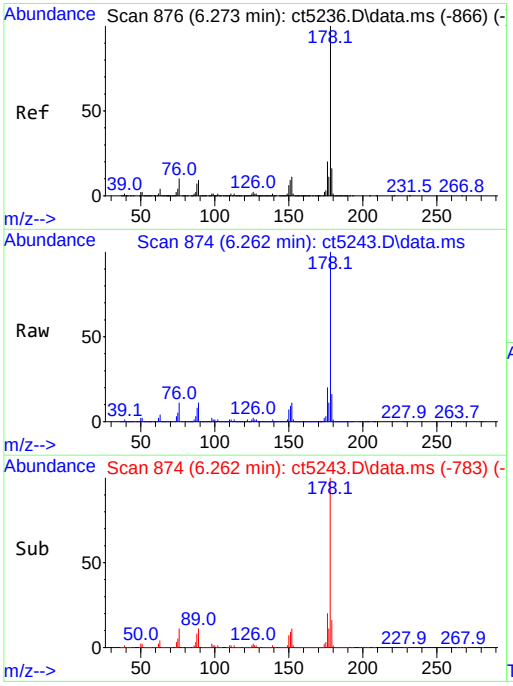


#77
Pentachlorophenol
Concen: 53.05 ppm
RT: 6.053 min Scan# 835
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:266 Resp: 249595

Ion	Ratio	Lower	Upper
266	100		
264	63.7	32.9	92.9
268	64.7	33.4	93.4

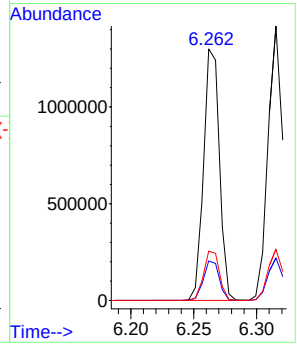


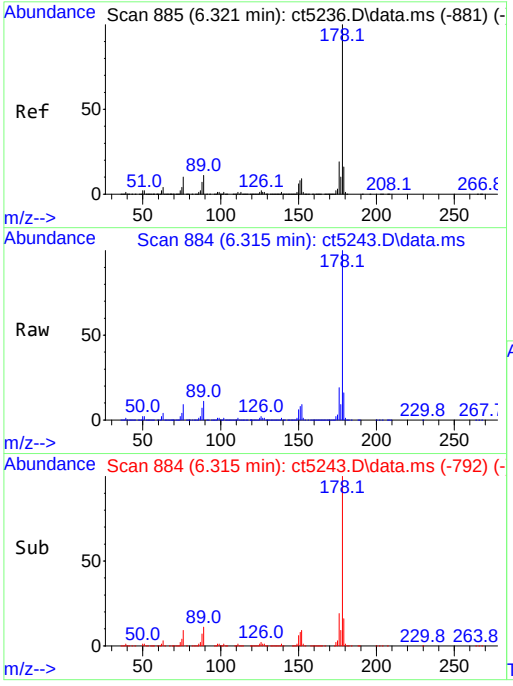


#78
Phenanthrene
Concen: 26.73 ppm
RT: 6.262 min Scan# 874
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:178 Resp: 1137518

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	46.1
176	19.6	0.0	50.2

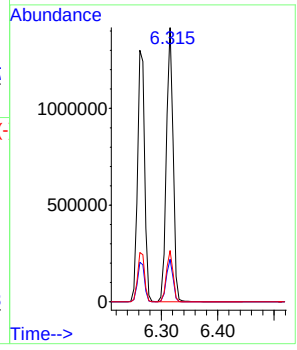


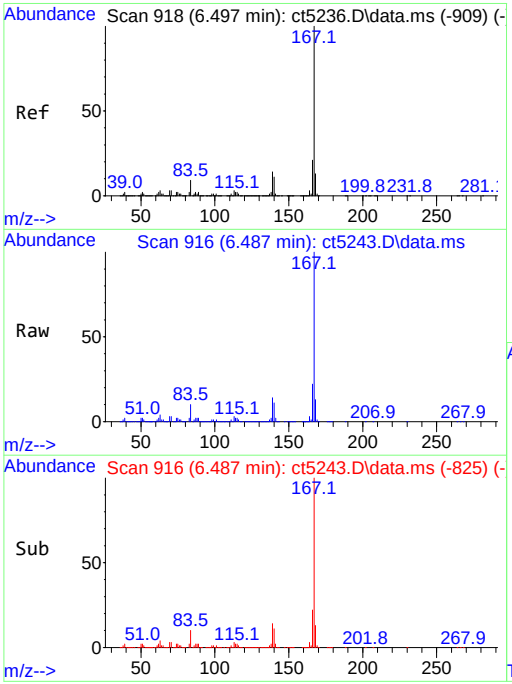


#79
Anthracene
Concen: 26.73 ppm
RT: 6.315 min Scan# 884
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:178 Resp: 1174378

Ion	Ratio	Lower	Upper
178	100		
179	15.5	0.0	45.8
176	18.7	0.0	49.2

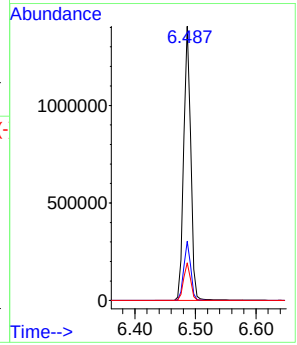


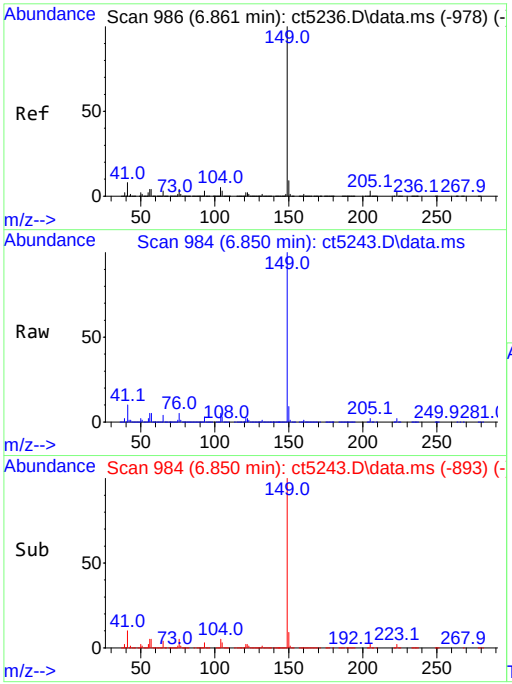


#80
Carbazole
Concen: 26.28 ppm
RT: 6.487 min Scan# 916
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:167 Resp: 1142116

Ion	Ratio	Lower	Upper
167	100		
166	21.6	0.0	51.5
139	13.7	0.0	43.6

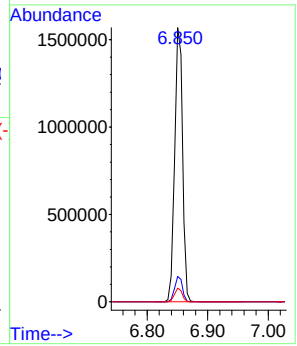


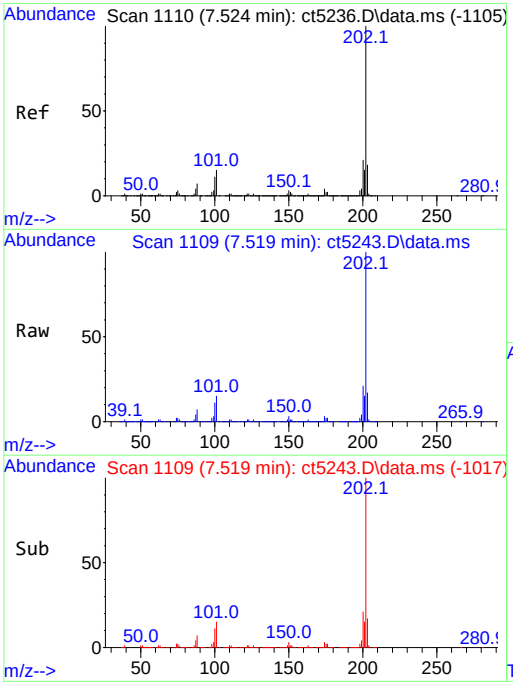


#81
Di-n-butylphthalate
Concen: 26.01 ppm
RT: 6.850 min Scan# 984
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:149 Resp: 1427751

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	39.2
104	5.0	0.0	34.7

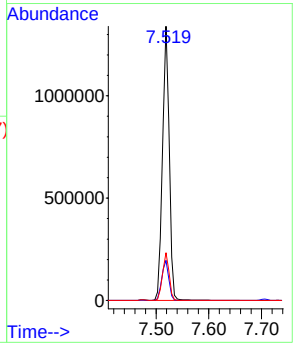


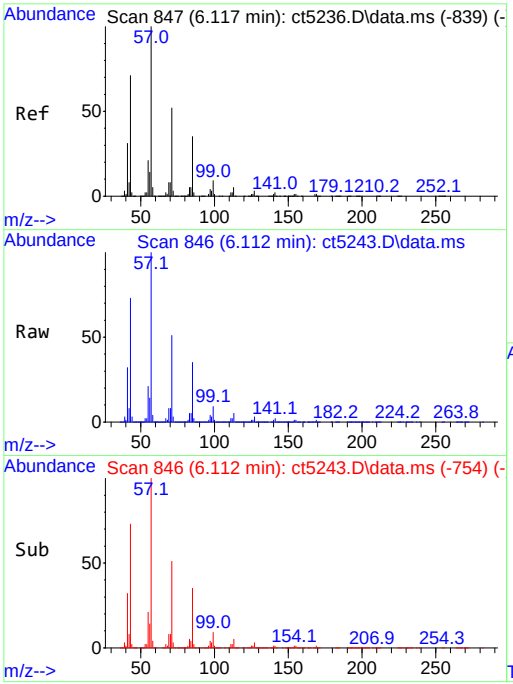


#82
Fluoranthene
Concen: 26.52 ppm
RT: 7.519 min Scan# 1109
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:202 Resp: 1194860

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	45.1
203	17.4	0.0	47.9

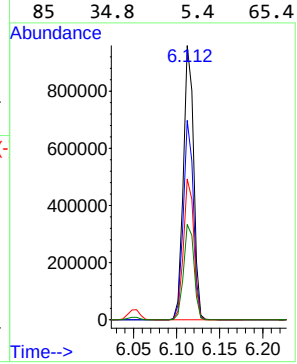


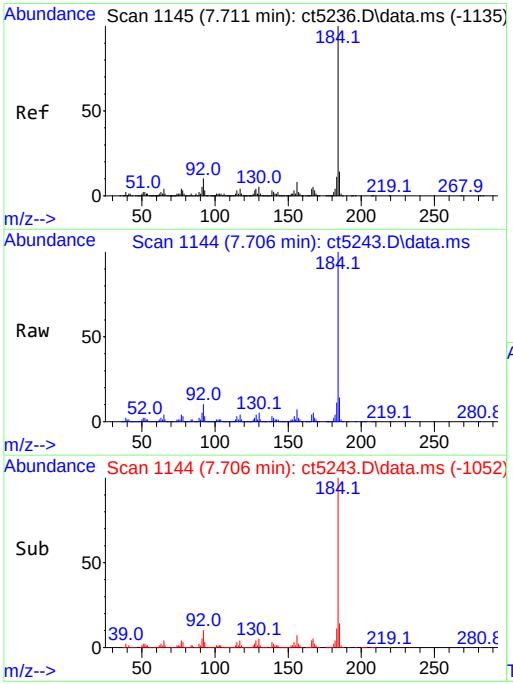


#83
Octadecane
Concen: 27.47 ppm
RT: 6.112 min Scan# 846
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion: 57 Resp: 794402

Ion	Ratio	Lower	Upper
57	100		
43	72.7	41.3	101.3
71	51.4	22.1	82.1
85	34.8	5.4	65.4

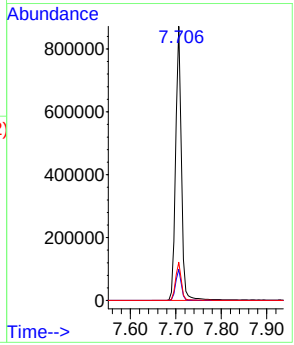


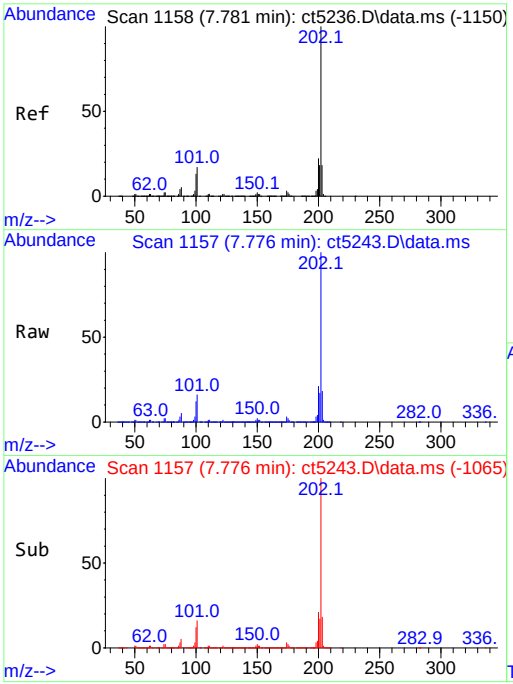


#85
benzidine
Concen: 23.02 ppm
RT: 7.706 min Scan# 1144
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:184 Resp: 788612

Ion	Ratio	Lower	Upper
184	100		
183	11.3	9.1	13.7
185	13.9	11.1	16.7

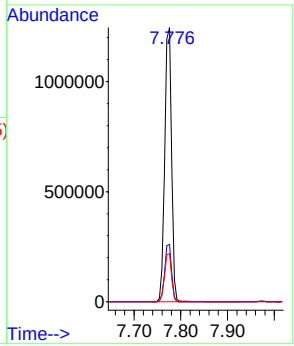


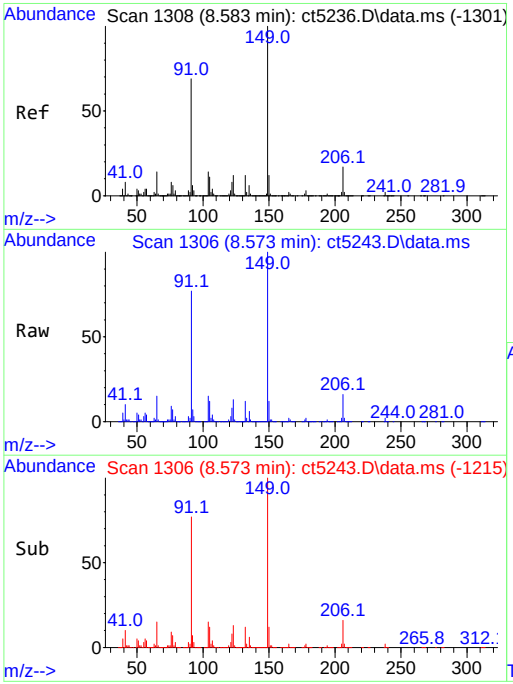


#86
Pyrene
Concen: 24.44 ppm
RT: 7.776 min Scan# 1157
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:202 Resp: 1249033

Ion	Ratio	Lower	Upper
202	100		
200	21.0	0.0	51.5
203	17.6	0.0	47.8

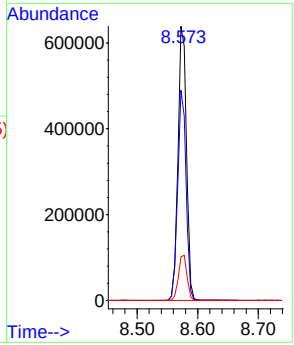


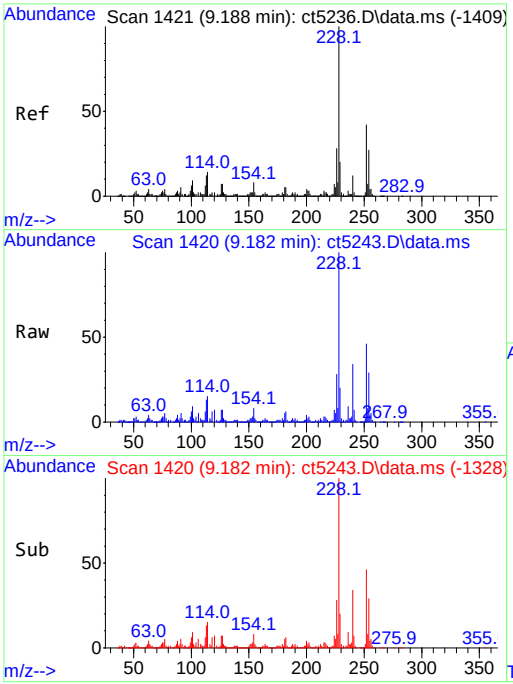


#88
Butylbenzylphthalate
Concen: 23.33 ppm
RT: 8.573 min Scan# 1306
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:149 Resp: 629886

Ion	Ratio	Lower	Upper
149	100		
91	76.6	39.4	99.4
206	15.9	0.0	46.7

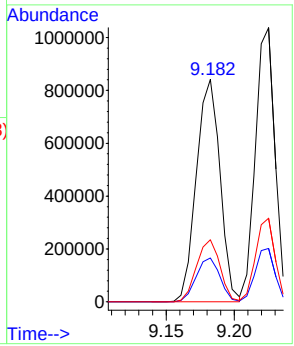


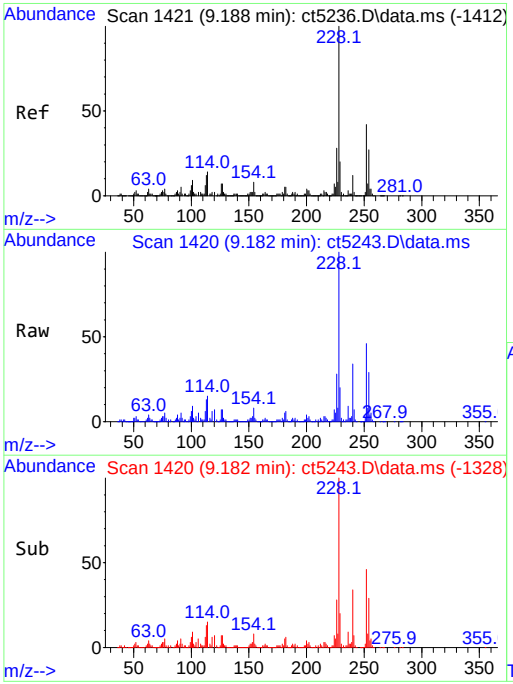


#89
Benzo[a]anthracene
Concen: 25.42 ppm
RT: 9.182 min Scan# 1420
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:228 Resp: 1018752

Ion	Ratio	Lower	Upper
228	100		
229	19.8	0.0	50.1
226	27.9	0.0	58.2

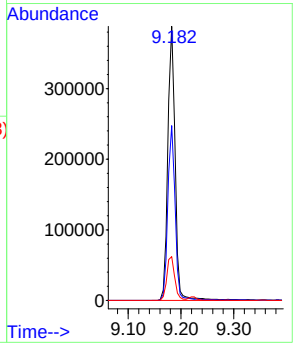


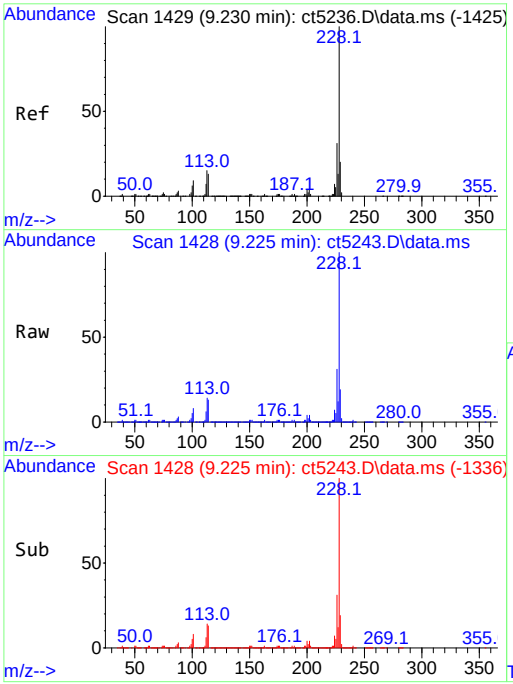


#90
3,3'-Dichlorobenzidine
Concen: 25.94 ppm
RT: 9.182 min Scan# 1420
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:252 Resp: 373010

Ion	Ratio	Lower	Upper
252	100		
254	63.7	33.8	93.8
126	16.0	0.0	47.4

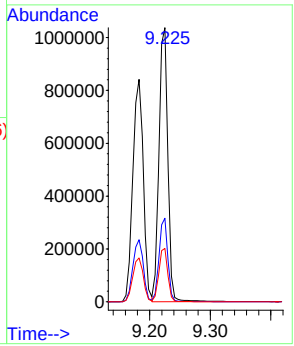


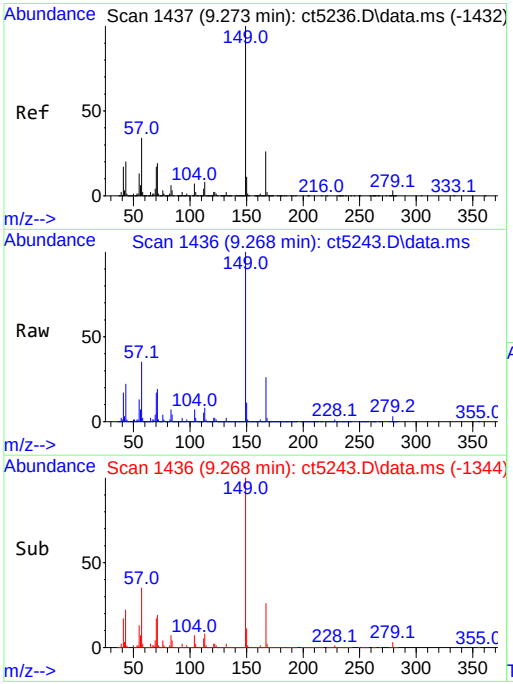


#91
Chrysene
Concen: 25.14 ppm
RT: 9.225 min Scan# 1428
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:228 Resp: 1044624

Ion	Ratio	Lower	Upper
228	100		
226	30.5	0.6	60.6
229	19.4	0.0	49.6

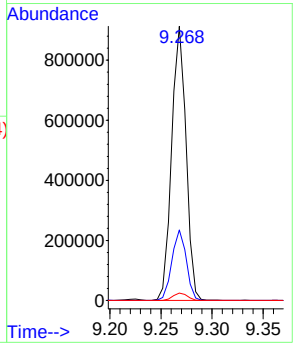


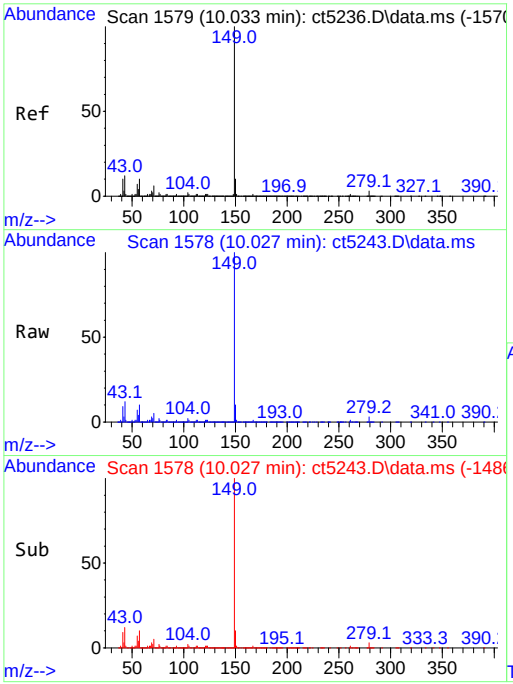


#92
bis(2-Ethylhexyl)phthalate
Concen: 24.15 ppm
RT: 9.268 min Scan# 1436
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:149 Resp: 894219

Ion	Ratio	Lower	Upper
149	100		
167	25.7	0.0	56.2
279	2.7	0.0	32.9

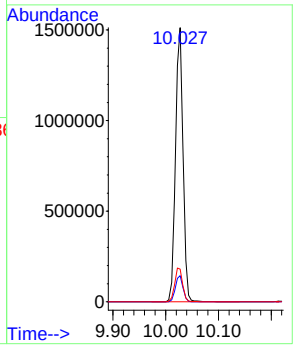


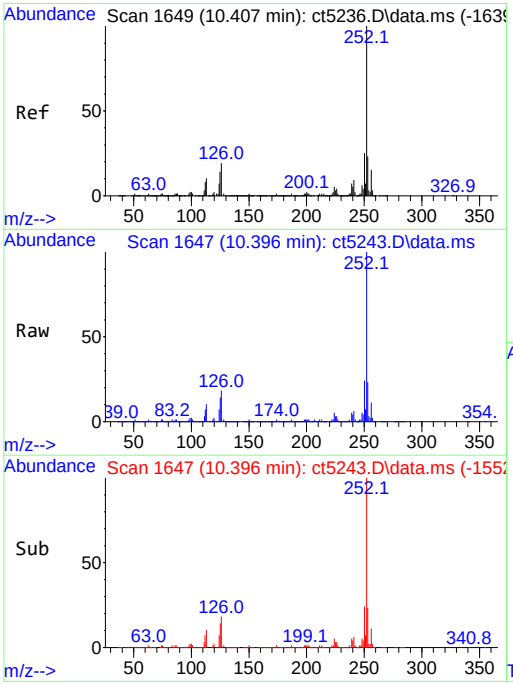


#94
Di-n-octylphthalate
Concen: 25.84 ppm
RT: 10.027 min Scan# 1578
Delta R.T. -0.005 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:149 Resp: 1496470

Ion	Ratio	Lower	Upper
149	100		
150	9.6	0.0	40.0
43	12.0	0.0	42.5

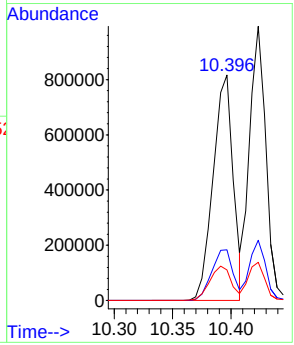


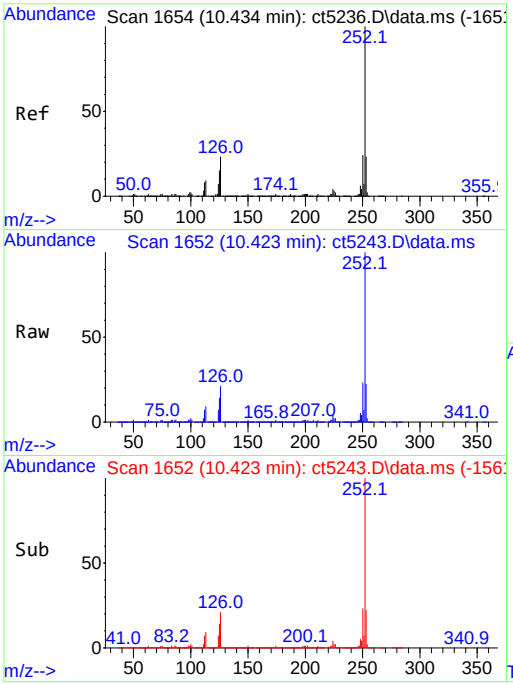


#95
Benzo[b]fluoranthene
Concen: 27.09 ppm
RT: 10.396 min Scan# 1647
Delta R.T. 0.008 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:252 Resp: 973943

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	53.2
125	13.4	0.0	44.2

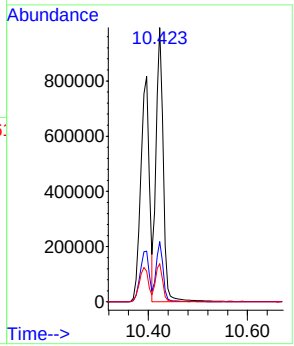


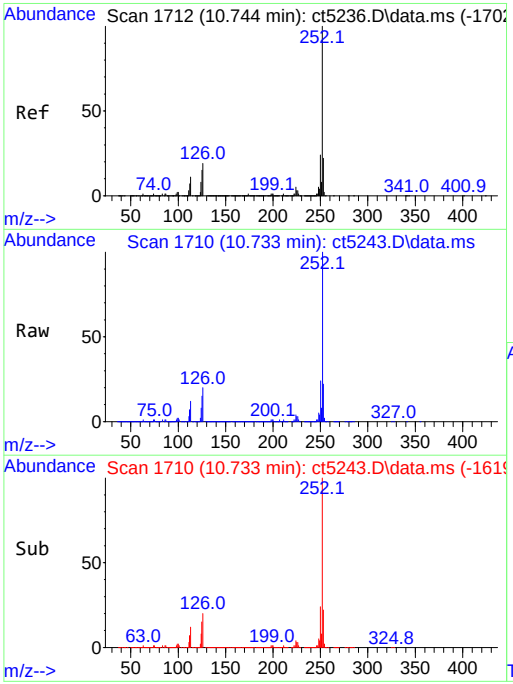


#96
Benzo[k]fluoranthene
Concen: 27.47 ppm
RT: 10.423 min Scan# 1652
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:252 Resp: 996052

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	52.5
125	13.9	0.0	45.1

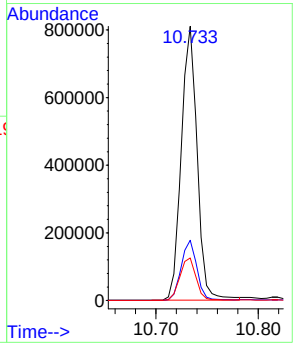


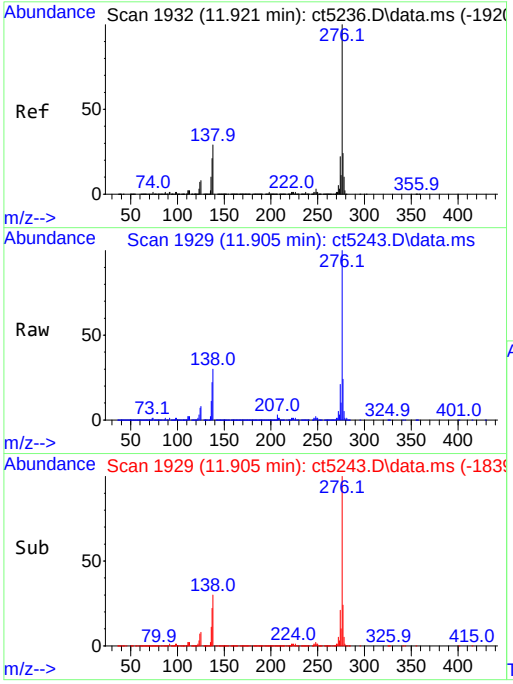


#97
Benzo[a]pyrene
Concen: 25.66 ppm
RT: 10.733 min Scan# 1710
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:252 Resp: 876516

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	52.4
125	15.4	0.0	44.9

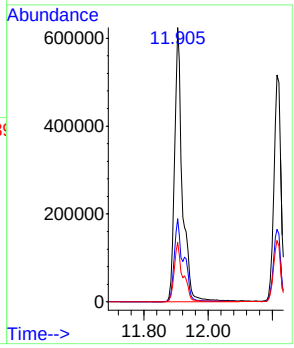


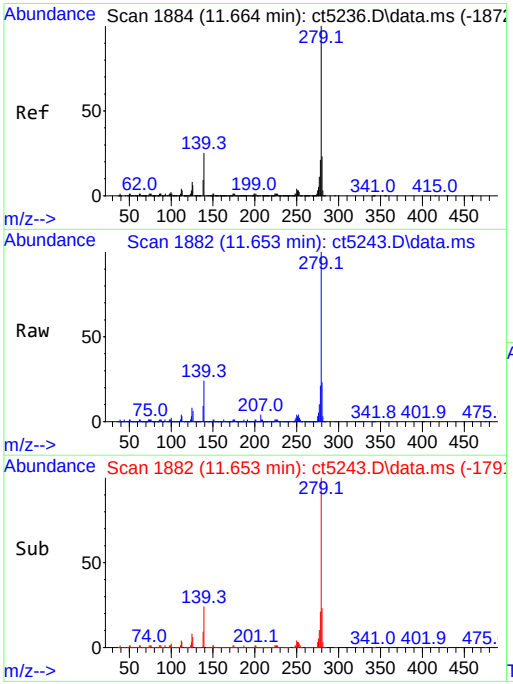


#98
Indeno[1,2,3-cd]pyrene
Concen: 25.00 ppm
RT: 11.905 min Scan# 1929
Delta R.T. -0.016 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:276 Resp: 1064128

Ion	Ratio	Lower	Upper
276	100		
138	30.3	0.0	59.2
137	21.6	0.0	50.7

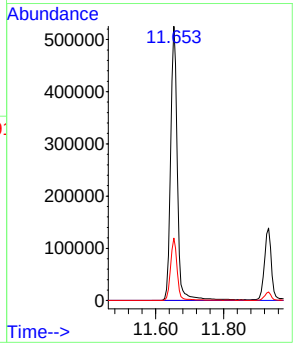


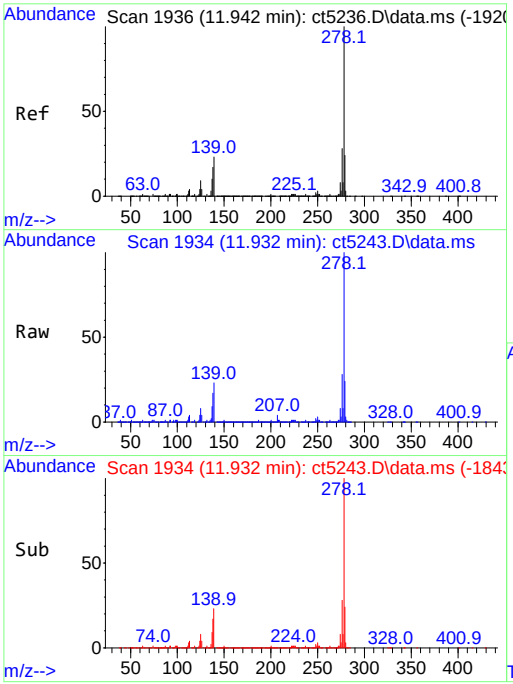


#99
Dibenz(a,h)acridine
Concen: 24.21 ppm
RT: 11.653 min Scan# 1882
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:279 Resp: 721764

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.7	0.0	53.2

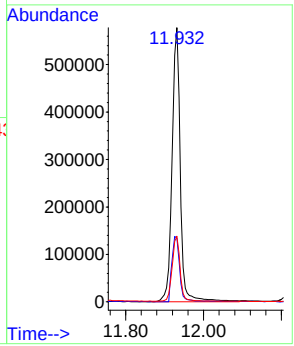


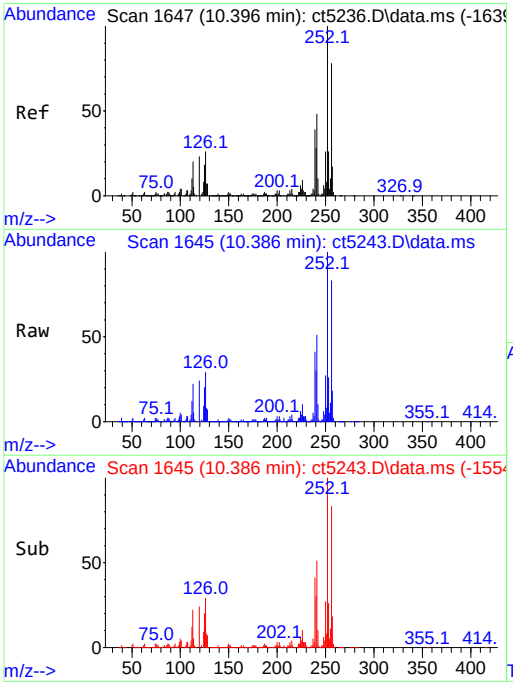


#100
Dibenz[a,h]anthracene
Concen: 24.72 ppm
RT: 11.932 min Scan# 1934
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:278 Resp: 848042

Ion	Ratio	Lower	Upper
278	100		
139	23.1	0.0	53.3
279	23.8	0.0	53.8

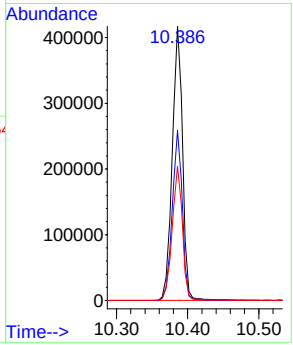


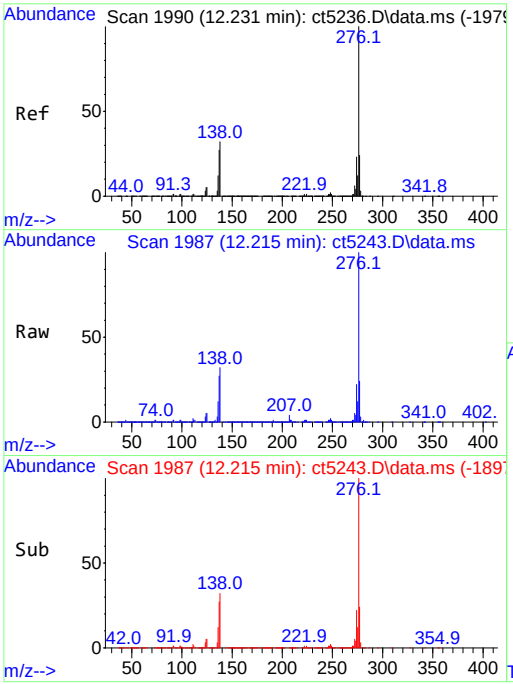


#101
7,12-Dimethylbenz(a)anthracene
Concen: 27.19 ppm
RT: 10.386 min Scan# 1645
Delta R.T. -0.011 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:256 Resp: 418777

Ion	Ratio	Lower	Upper
256	100		
241	62.0	32.2	92.2
239	49.0	19.8	79.8

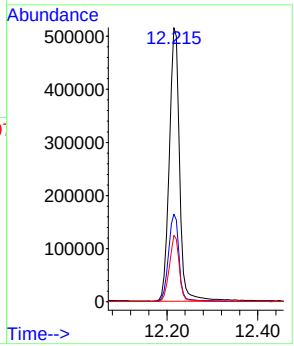




#102
Benzo[g,h,i]perylene
Concen: 24.25 ppm
RT: 12.215 min Scan# 1987
Delta R.T. -0.016 min
Lab File: ct5243.D
Acq: 15 Feb 2024 01:47 pm

Tgt Ion:276 Resp: 809072

Ion	Ratio	Lower	Upper
276	100		
138	32.0	1.8	61.8
277	24.2	0.0	53.9



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5244.D
Acq On : 15 Feb 2024 02:04 pm
Operator : jackleey
Sample : ic266-80
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 16 09:21:32 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.208	152	447982	40.00	ppm	0.00
24) Naphthalene-d8	3.892	136	1735846	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	950790	40.00	ppm	0.00
69) Phenanthrene-d10	6.246	188	1689724	40.00	ppm	0.00
84) Chrysene-d12	9.204	240	1059157	40.00	ppm	0.00
93) Perylene-d12	10.798	264	1214320	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.208	152	447982	40.00	ppm	0.00
105) Phenanthrene-d10a	6.246	188	1689724	40.00	ppm	0.00
107) Naphthalene-d8a	3.892	136	1735846	40.00	ppm	0.00
109) Phenanthrene-d10b	6.246	188	1689724	40.00	ppm	0.00
112) Chrysene-d12a	9.204	240	1059157	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.528	112	1255524	73.59	ppm	0.00
Spiked Amount 50.000			Recovery = 147.18%			
8) Phenol-d5	3.005	99	1390344	71.63	ppm	0.00
Spiked Amount 50.000			Recovery = 143.26%			
25) Nitrobenzene-d5	3.507	82	1282164	69.51	ppm	0.00
Spiked Amount 50.000			Recovery = 139.02%			
51) 2-Fluorobiphenyl	4.513	172	2047882	67.20	ppm	0.00
Spiked Amount 50.000			Recovery = 134.40%			
74) 2,4,6-Tribromophenol	5.604	330	308262	70.38	ppm	0.00
Spiked Amount 50.000			Recovery = 140.76%			
87) Terphenyl-d14	7.979	244	2315127	73.20	ppm	0.00
Spiked Amount 50.000			Recovery = 146.40%			
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.705	88	574977	76.45	ppm	99
3) Pyridine	1.887	79	1552327	74.78	ppm	98
4) N-Nitrosodimethylamine	1.871	74	796824	75.21	ppm	97
6) Indene	3.341	116	1616049	65.65	ppm	99
7) Cumene	2.785	105	2399662	71.65	ppm	99
9) Phenol	3.015	94	1465827	71.77	ppm	87
10) Aniline	3.037	93	1991301	72.80	ppm	98
11) bis(2-Chloroethyl)ether	3.069	93	1154434	71.85	ppm	98
12) 2-Chlorophenol	3.095	128	1079255	70.14	ppm	96
13) Decane	3.090	43	1324252	65.72	ppm	97
14) 1,3-Dichlorobenzene	3.176	146	1237995	69.65	ppm	99
15) 1,4-Dichlorobenzene	3.213	146	1229982	70.40	ppm	99
16) Benzyl alcohol	3.283	108	822733	71.53	ppm	99
17) 1,2-Dichlorobenzene	3.293	146	1182330	69.96	ppm	99
18) Acetophenone	3.427	105	1333372	64.64	ppm	97
19) 2-Methylphenol	3.331	108	1003347	68.07	ppm	99
20) 2,2'-oxybis(1-Chloropr...	3.336	121	276516	66.24	ppm	95
21) 3&4-Methylphenol	3.416	108	1755740	136.73	ppm	95
22) n-Nitroso-di-n-propyla...	3.432	70	731083	74.74	ppm	98
23) Hexachloroethane	3.470	201	398029	69.49	ppm	95
26) Nitrobenzene	3.518	77	1254101	68.38	ppm	96
27) Quinoline	4.106	129	2279926	69.36	ppm	99
28) Isophorone	3.646	82	2276680	70.24	ppm	98
29) 2-Nitrophenol	3.689	139	540959	65.88	ppm	73
30) 2,4-Dimethylphenol	3.700	107	1154782	67.79	ppm	96

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5244.D
Acq On : 15 Feb 2024 02:04 pm
Operator : jackleey
Sample : ic266-80
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 16 09:21:32 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Benzoic acid	3.785	105	1149951	74.53	ppm		98
32) bis(2-Chloroethoxy)met...	3.753	93	1364618	68.67	ppm		99
33) 2,4-Dichlorophenol	3.817	162	920028	68.48	ppm		95
34) 2,6-Dichlorophenol	3.935	162	776506	65.80	ppm		99
35) 1,3,5-Trichlorobenzene	3.684	180	881048	65.80	ppm		99
36) 1,2,4-Trichlorobenzene	3.855	180	914217	67.60	ppm		99
37) 1,2,3-Trichlorobenzene	3.983	180	884861	67.11	ppm		99
38) Naphthalene	3.908	128	2921785	65.75	ppm		99
39) 4-Chloroaniline	3.941	127	1199860	64.73	ppm		95
40) 2,3-Dichloroaniline	4.470	161	963539	66.22	ppm		94
41) Hydroquinone	4.117	110	1141479	66.35	ppm		98
42) Hexachlorobutadiene	3.957	225	464637	65.99	ppm		99
43) 4-Chloro-3-methylphenol	4.197	107	1031316	69.38	ppm	#	48
44) 2-Methylnaphthalene	4.294	141	1748901	66.92	ppm		98
45) 1-Methylnaphthalene	4.352	141	1829940	67.16	ppm		99
47) Hexachlorocyclopentadiene	4.374	237	918066	137.78	ppm		100
48) 1,2,4,5-tetrachloroben...	4.390	216	818195	68.51	ppm		100
49) 2,4,6-Trichlorophenol	4.459	196	562288	69.81	ppm		99
50) 2,4,5-Trichlorophenol	4.486	196	663252	68.93	ppm		99
52) 2-Chloronaphthalene	4.598	162	1854361	68.43	ppm		99
53) Biphenyl	4.577	154	2332360	67.64	ppm		99
54) 2-Nitroaniline	4.668	65	786553	72.84	ppm		98
55) Dimethylphthalate	4.780	163	2259270	70.01	ppm		100
56) Acenaphthylene	4.877	152	2942653	68.05	ppm		99
57) 2,6-Dinitrotoluene	4.834	165	538788	71.19	ppm		91
58) 3-Nitroaniline	4.957	138	699852	73.05	ppm		98
59) Acenaphthene	5.000	153	1935574	69.08	ppm		99
60) 2,4-Dinitrophenol	5.037	184	662686	146.87	ppm		96
61) 4-Nitrophenol	5.074	109	386001	73.97	ppm		92
62) Dibenzofuran	5.128	168	2398185	66.13	ppm		99
63) 2,4-Dinitrotoluene	5.128	165	621760	67.58	ppm		91
64) 2,3,4,6-Tetrachlorophenol	5.219	232	513972	69.95	ppm		99
65) Diethylphthalate	5.299	149	2329019	69.56	ppm		99
66) Fluorene	5.401	166	1944218	67.78	ppm		99
67) 4-Chlorophenyl-phenyle...	5.395	204	842661	67.78	ppm		100
68) 4-Nitroaniline	5.444	138	698353	73.71	ppm		99
70) 4,6-Dinitro-2-methylph...	5.454	198	416732	71.85	ppm		83
71) n-Nitrosodiphenylamine	5.502	169	1856330	68.99	ppm		99
72) 1,2-Diphenylhydrazine	5.529	77	2454010	69.17	ppm		99
73) pentachloronitrobenzene	6.064	295	95682	69.37	ppm		98
75) 4-Bromophenyl-phenylether	5.818	248	548297	70.07	ppm		98
76) Hexachlorobenzene	5.861	284	609394	69.54	ppm		98
77) Pentachlorophenol	6.059	266	680241	138.37	ppm		99
78) Phenanthrene	6.273	178	3054614	68.71	ppm		100
79) Anthracene	6.321	178	3122212	68.00	ppm		99
80) Carbazole	6.492	167	3144324	69.24	ppm		99
81) Di-n-butylphthalate	6.856	149	3882534	67.69	ppm		99
82) Fluoranthene	7.524	202	3259273	69.23	ppm		99
83) Octadecane	6.117	57	2013128	66.63	ppm		97
85) benzidine	7.717	184	2289564	74.61	ppm		99
86) Pyrene	7.781	202	3375999	73.74	ppm		99
88) Butylbenzylphthalate	8.578	149	1778109	73.53	ppm		93
89) Benzo[a]anthracene	9.188	228	2650918	73.85	ppm		100
90) 3,3'-Dichlorobenzidine	9.193	252	921723	71.55	ppm		98
91) Chrysene	9.236	228	2664810	71.61	ppm		99
92) bis(2-Ethylhexyl)phtha...	9.273	149	2429344	73.26	ppm		99
94) Di-n-octylphthalate	10.033	149	4020970	68.94	ppm		100

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5244.D
Acq On : 15 Feb 2024 02:04 pm
Operator : jackleey
Sample : ic266-80
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 16 09:21:32 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

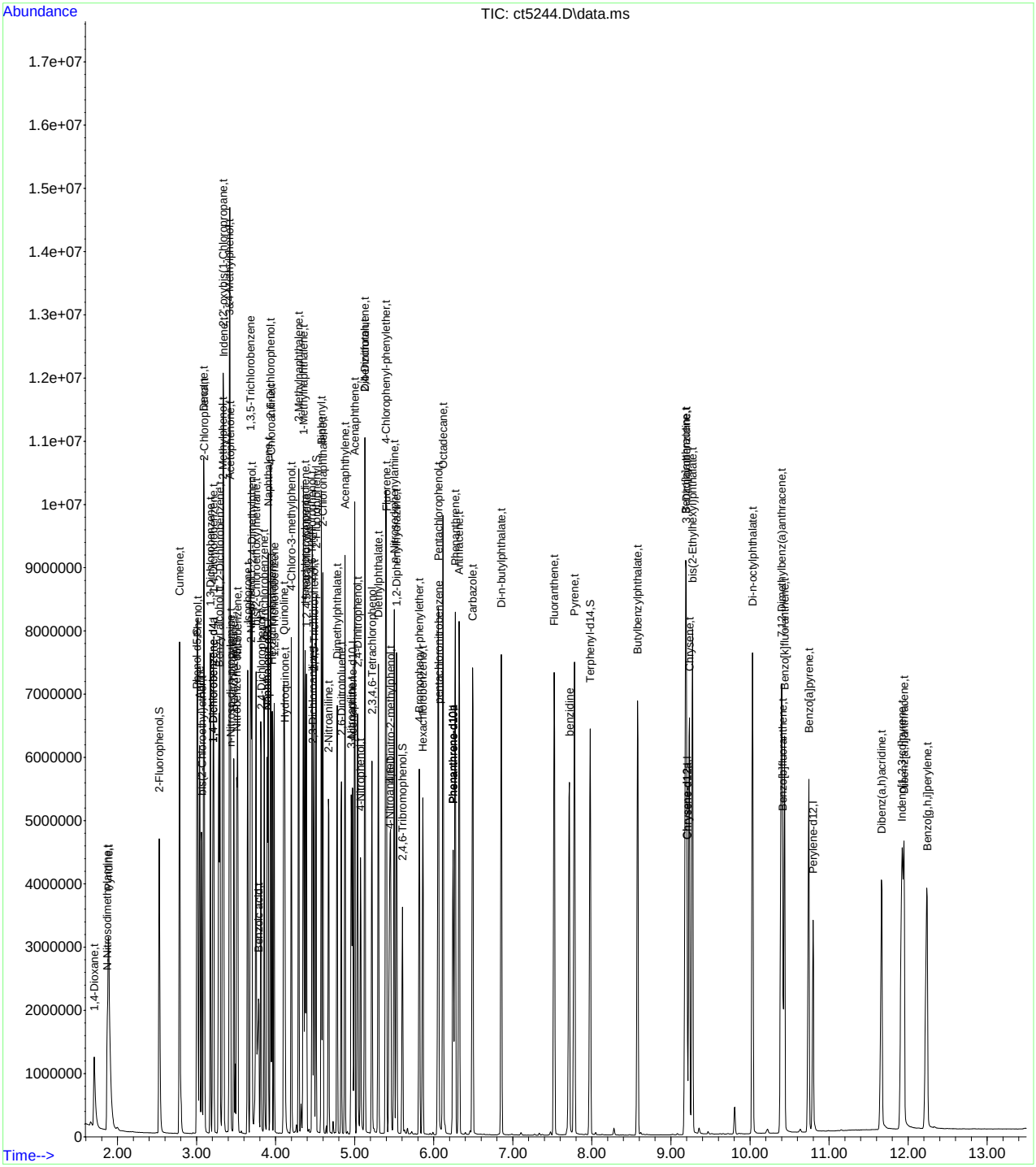
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.412	252	2727154	75.33	ppm	96
96) Benzo[k]fluoranthene	10.439	252	2370637	64.92	ppm	97
97) Benzo[a]pyrene	10.744	252	2454410	71.35	ppm	100
98) Indeno[1,2,3-cd]pyrene	11.921	276	3126021	72.93	ppm	99
99) Dibenz(a,h)acridine	11.664	279	2153342	71.74	ppm	99
100) Dibenz[a,h]anthracene	11.948	278	2451312	70.97	ppm	99
101) 7,12-Dimethylbenz(a)an...	10.402	256	1082543	69.79	ppm	99
102) Benzo[g,h,i]perylene	12.242	276	2491273	74.15	ppm	97

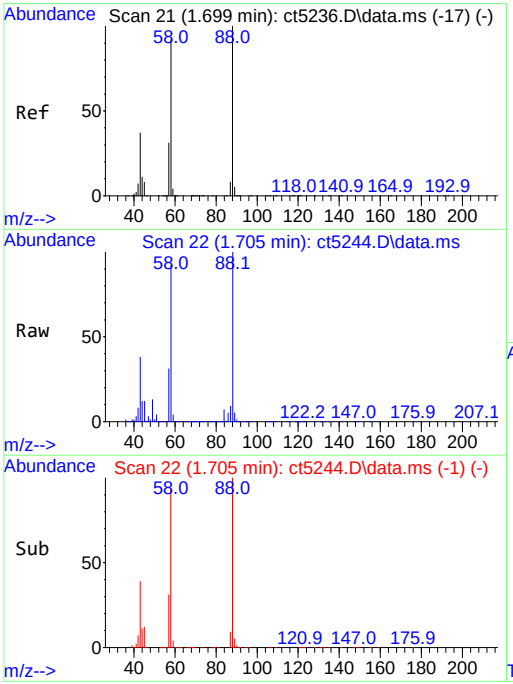
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5244.D
Acq On : 15 Feb 2024 02:04 pm
Operator : jackleey
Sample : ic266-80
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 16 09:21:32 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

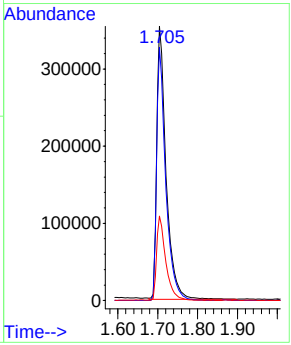


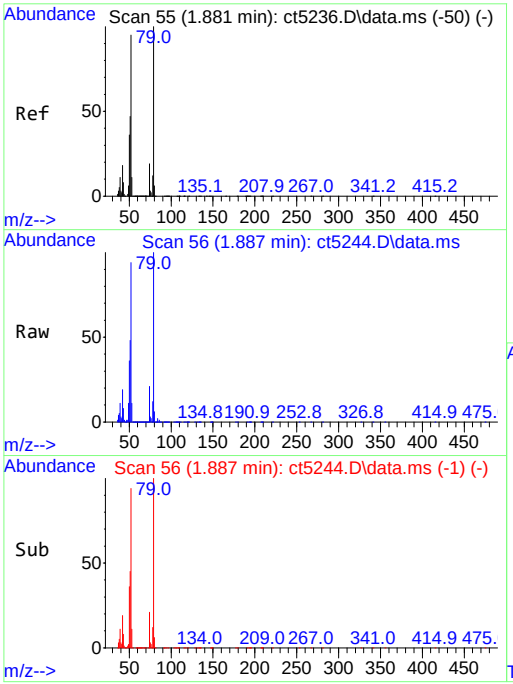


#2
1,4-Dioxane
Concen: 76.45 ppm
RT: 1.705 min Scan# 22
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 88 Resp: 574977

Ion	Ratio	Lower	Upper
88	100		
58	92.8	61.7	121.7
57	30.9	1.2	61.2

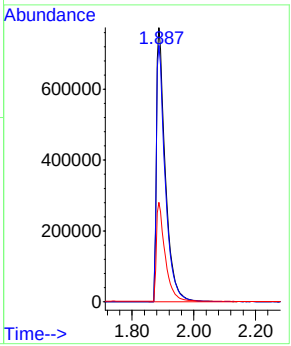


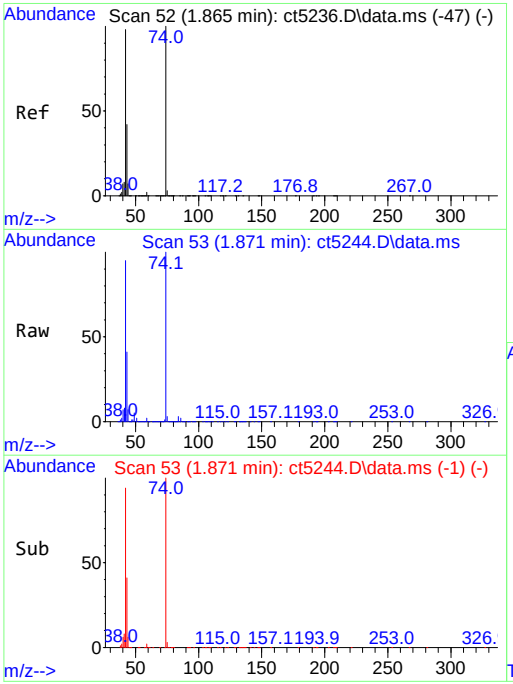


#3
Pyridine
Concen: 74.78 ppm
RT: 1.887 min Scan# 56
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 79 Resp: 1552327

Ion	Ratio	Lower	Upper
79	100		
52	93.5	65.5	125.5
50	36.1	5.9	65.9

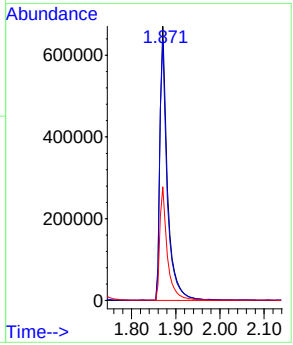


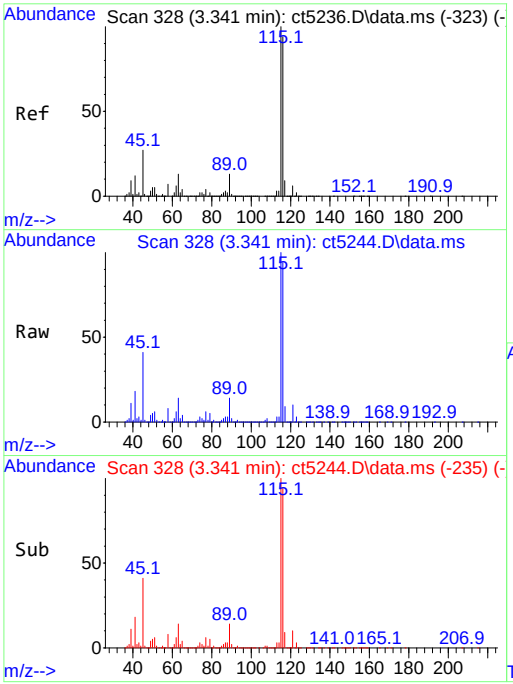


#4
N-Nitrosodimethylamine
Concen: 75.21 ppm
RT: 1.871 min Scan# 53
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 74 Resp: 796824

Ion	Ratio	Lower	Upper
74	100		
42	94.6	68.1	128.1
43	41.3	12.5	72.5

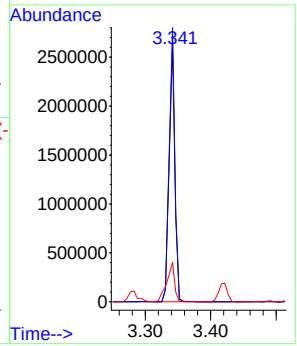


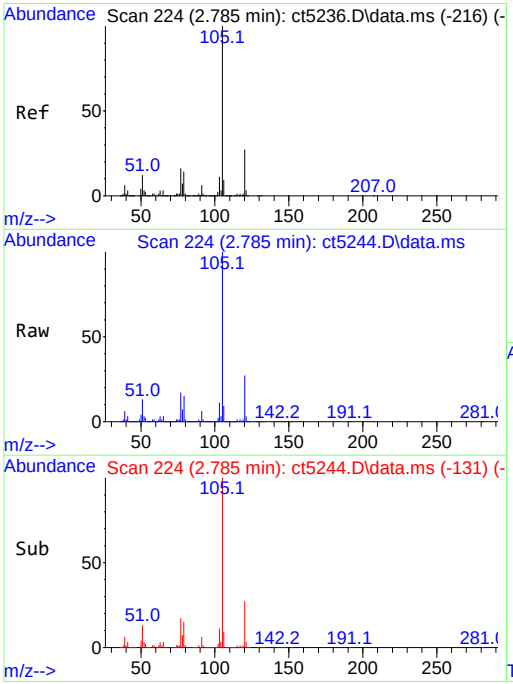


#6
Indene
Concen: 65.65 ppm
RT: 3.341 min Scan# 328
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:116 Resp: 1616049

Ion	Ratio	Lower	Upper
116	100		
115	106.0	76.2	136.2
63	15.3	0.0	44.0

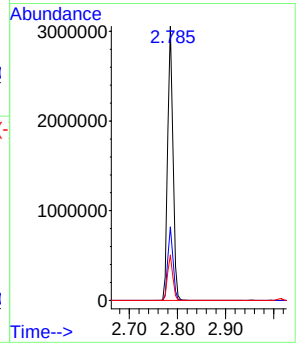


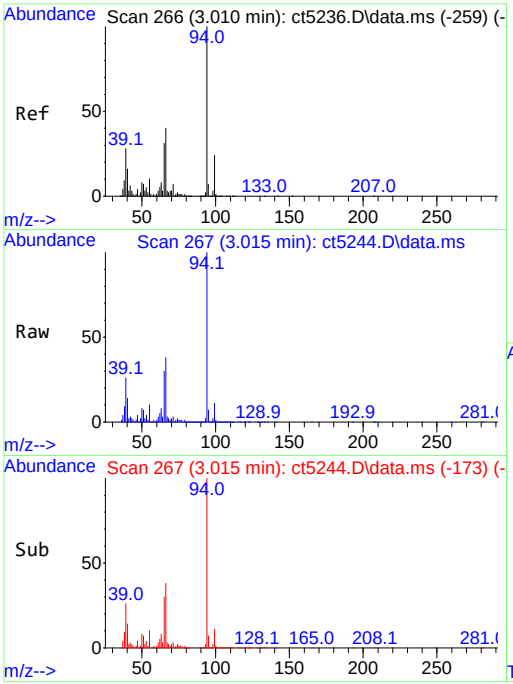


#7
Cumene
Concen: 71.65 ppm
RT: 2.785 min Scan# 224
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:105 Resp: 2399662

Ion	Ratio	Lower	Upper
105	100		
120	26.8	0.0	57.0
77	16.6	0.0	45.8

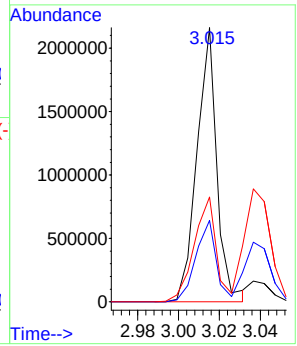


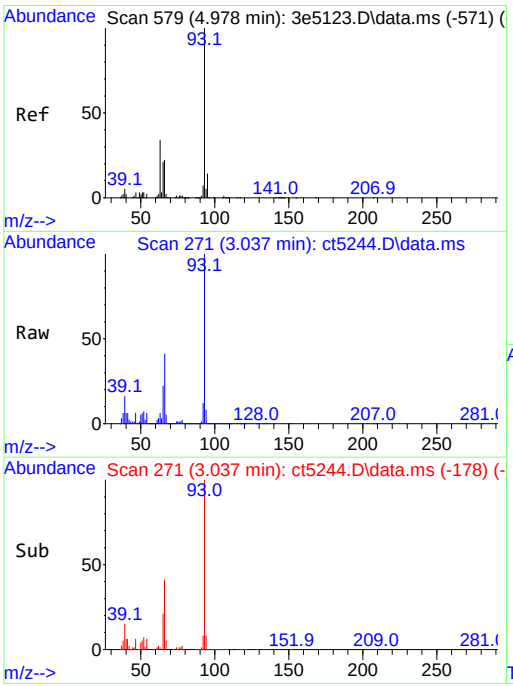


#9
Phenol
Concen: 71.77 ppm
RT: 3.015 min Scan# 267
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 94 Resp: 1465827

Ion	Ratio	Lower	Upper
94	100		
65	24.9	0.0	59.7
66	28.7	8.2	68.2

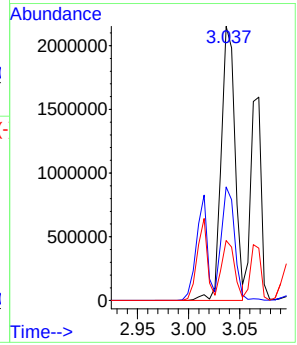


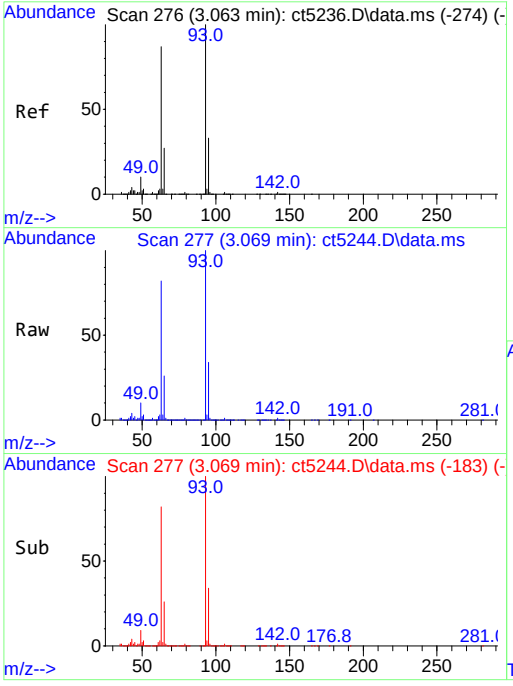


#10
Aniline
Concen: 72.80 ppm
RT: 3.037 min Scan# 271
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 93 Resp: 1991301

Ion	Ratio	Lower	Upper
93	100		
66	41.6	10.4	70.4
65	21.9	0.0	50.8

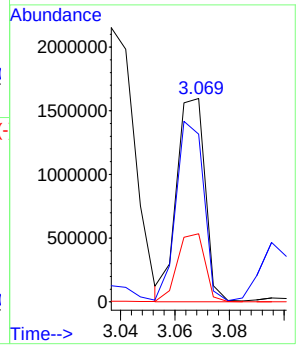


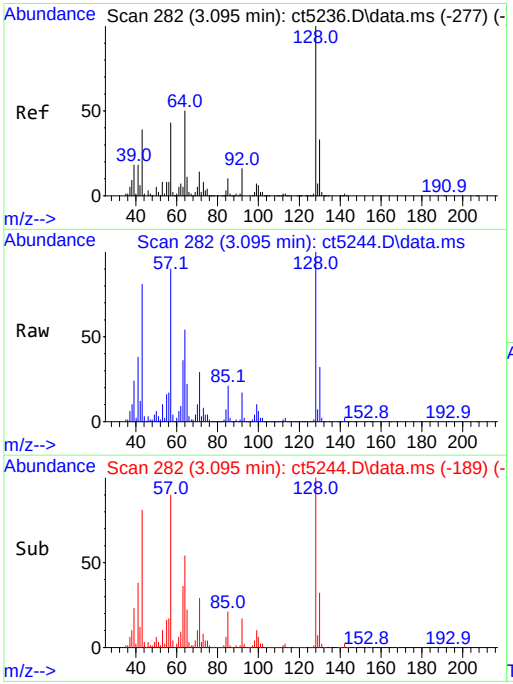


#11
bis(2-Chloroethyl)ether
Concen: 71.85 ppm
RT: 3.069 min Scan# 277
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 93 Resp: 1154434

Ion	Ratio	Lower	Upper
93	100		
63	84.5	55.8	115.8
95	34.9	2.8	62.8

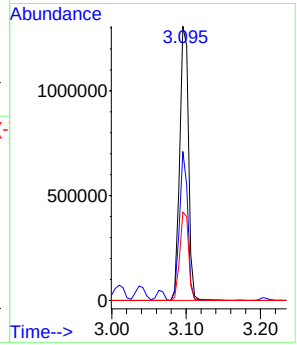


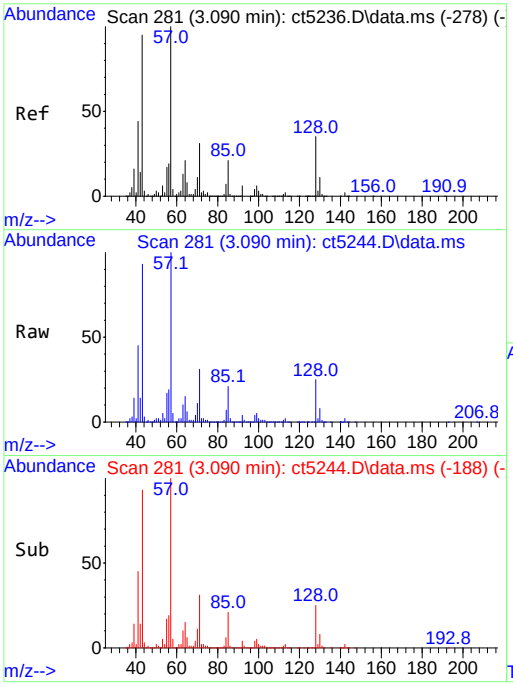


#12
2-Chlorophenol
Concen: 70.14 ppm
RT: 3.095 min Scan# 282
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:128 Resp: 1079255

Ion	Ratio	Lower	Upper
128	100		
64	53.8	20.1	80.1
130	32.2	3.0	63.0

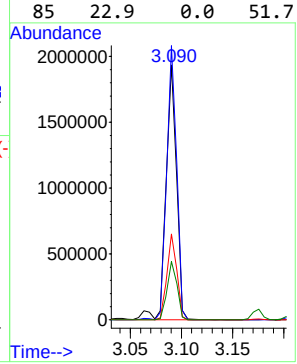


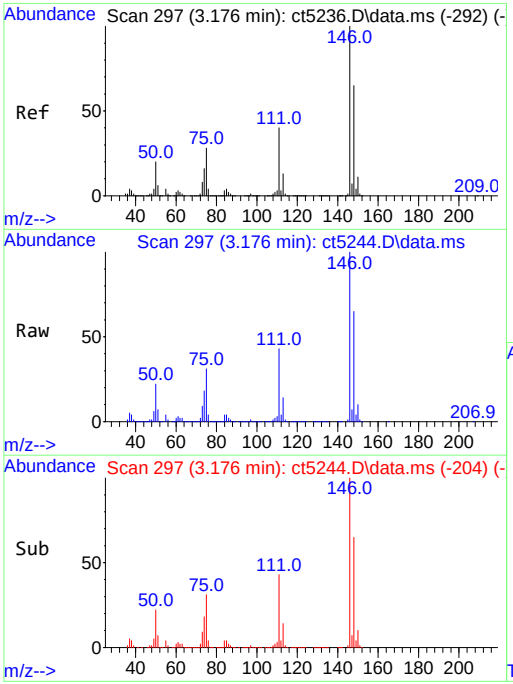


#13
Decane
Concen: 65.72 ppm
RT: 3.090 min Scan# 281
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 43 Resp: 1324252

Ion	Ratio	Lower	Upper
43	100		
57	107.8	74.9	134.9
71	33.7	2.5	62.5
85	22.9	0.0	51.7

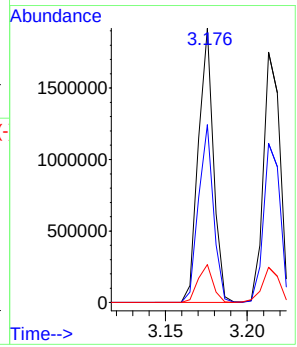


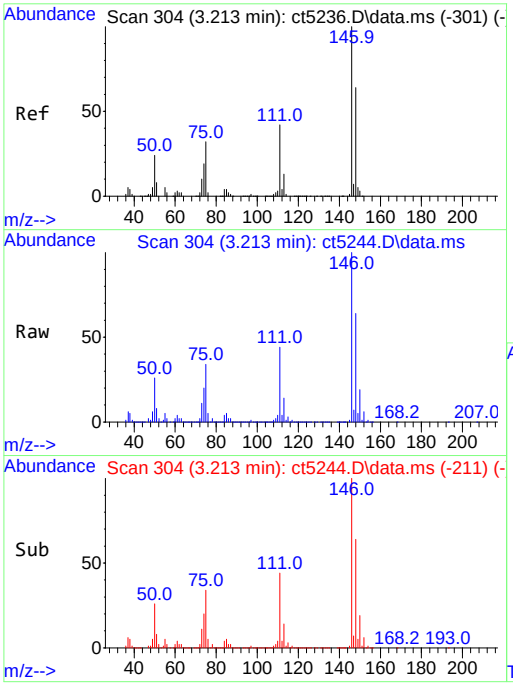


#14
1,3-Dichlorobenzene
Concen: 69.65 ppm
RT: 3.176 min Scan# 297
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:146 Resp: 1237995

Ion	Ratio	Lower	Upper
146	100		
148	64.9	34.7	94.7
113	13.8	0.0	42.9

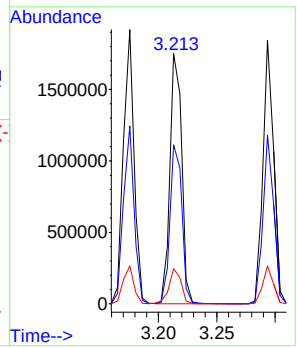


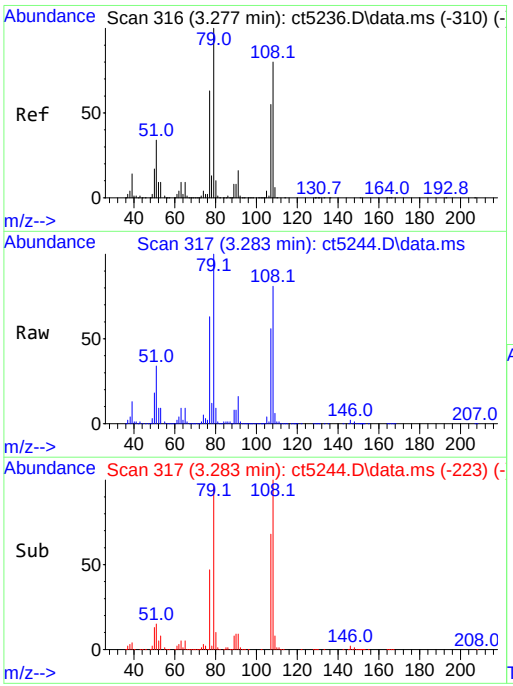


#15
1,4-Dichlorobenzene
Concen: 70.40 ppm
RT: 3.213 min Scan# 304
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:146 Resp: 1229982

Ion	Ratio	Lower	Upper
146	100		
148	63.6	34.0	94.0
113	14.0	0.0	43.5

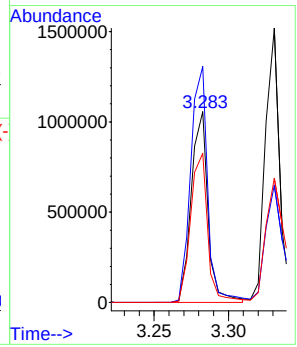


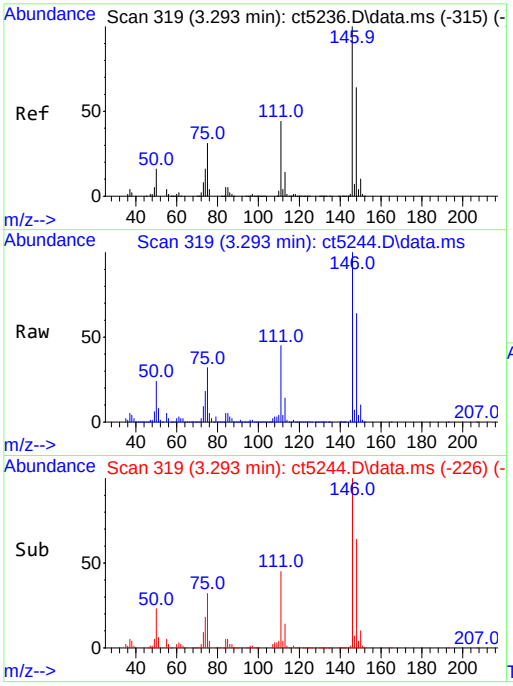


#16
Benzyl alcohol
Concen: 71.53 ppm
RT: 3.283 min Scan# 317
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:108 Resp: 822733

Ion	Ratio	Lower	Upper
108	100		
79	123.6	95.0	155.0
77	78.1	49.3	109.3

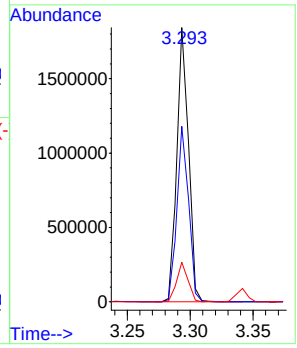


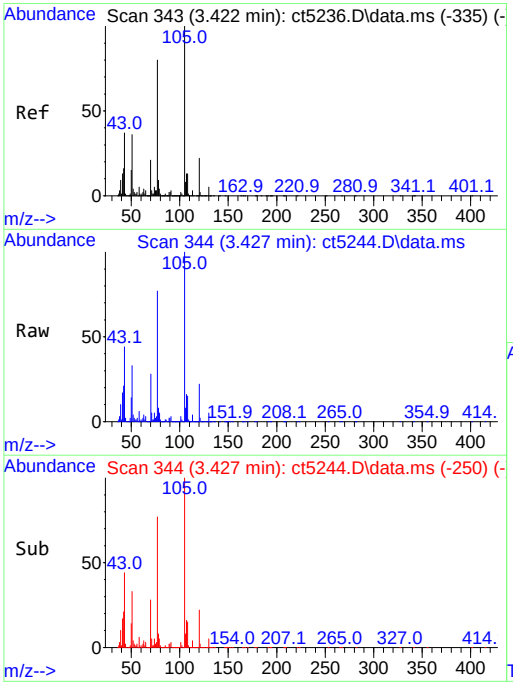


#17
1,2-Dichlorobenzene
Concen: 69.96 ppm
RT: 3.293 min Scan# 319
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:146 Resp: 1182330

Ion	Ratio	Lower	Upper
146	100		
148	63.9	34.2	94.2
113	12.0	0.0	44.1

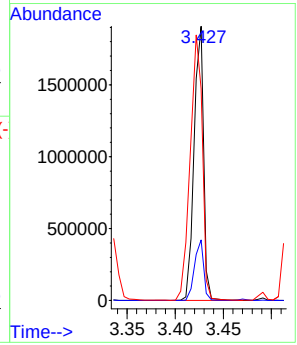


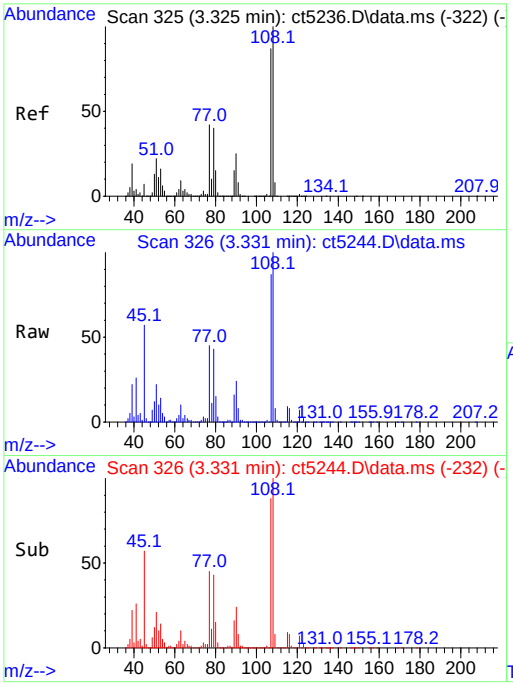


#18
Acetophenone
Concen: 64.64 ppm
RT: 3.427 min Scan# 344
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:105 Resp: 1333372

Ion	Ratio	Lower	Upper
105	100		
120	21.8	0.0	51.5
77	77.1	49.8	109.8

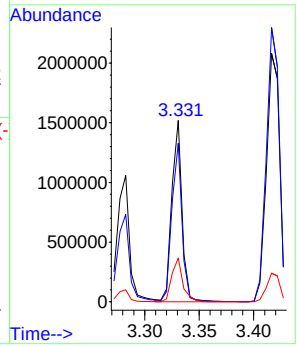


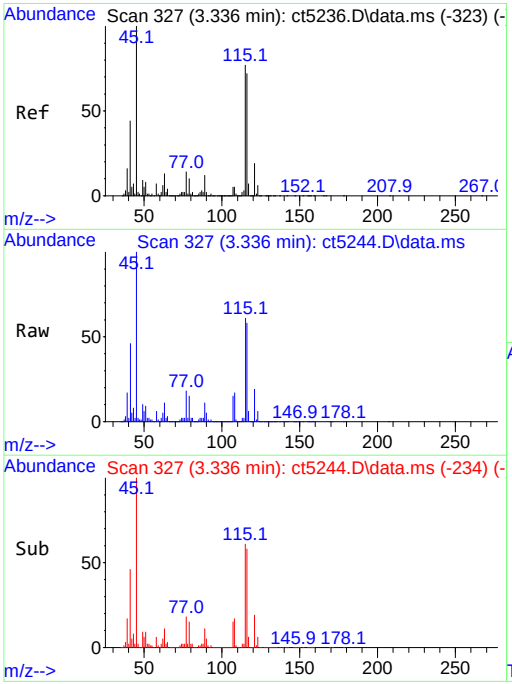


#19
2-Methylphenol
Concen: 68.07 ppm
RT: 3.331 min Scan# 326
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:108 Resp: 1003347

Ion	Ratio	Lower	Upper
108	100		
107	87.6	57.1	117.1
90	24.3	0.0	54.8

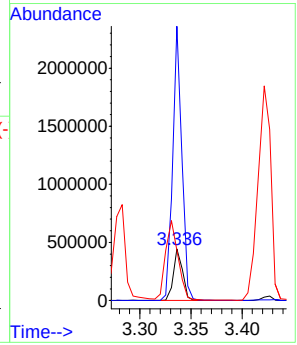


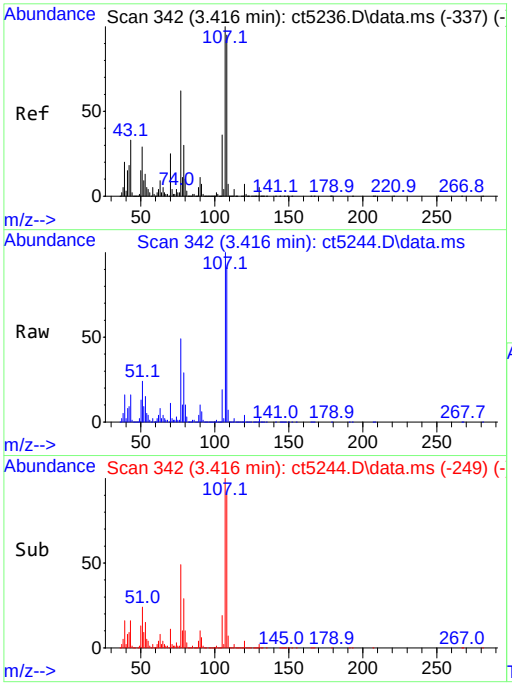


#20
2,2'-oxybis(1-Chloropropane
Concen: 66.24 ppm
RT: 3.336 min Scan# 327
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:121 Resp: 276516

Ion	Ratio	Lower	Upper
121	100		
45	533.4	508.3	568.3
77	95.7	44.5	104.5

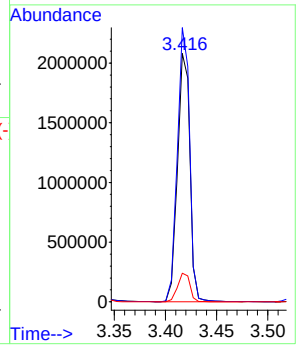


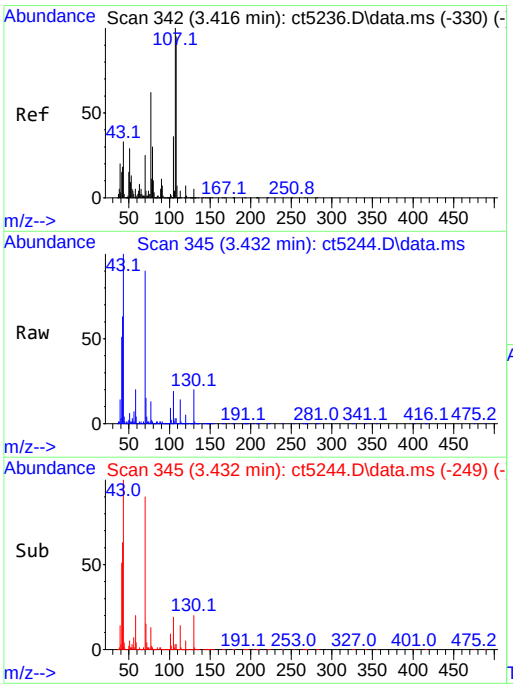


#21
3&4-Methylphenol
Concen: 136.73 ppm
RT: 3.416 min Scan# 342
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:108 Resp: 1755740

Ion	Ratio	Lower	Upper
108	100		
107	110.5	74.9	134.9
90	11.6	0.0	41.4

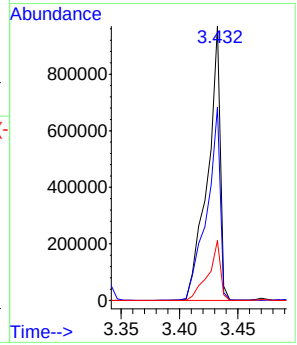


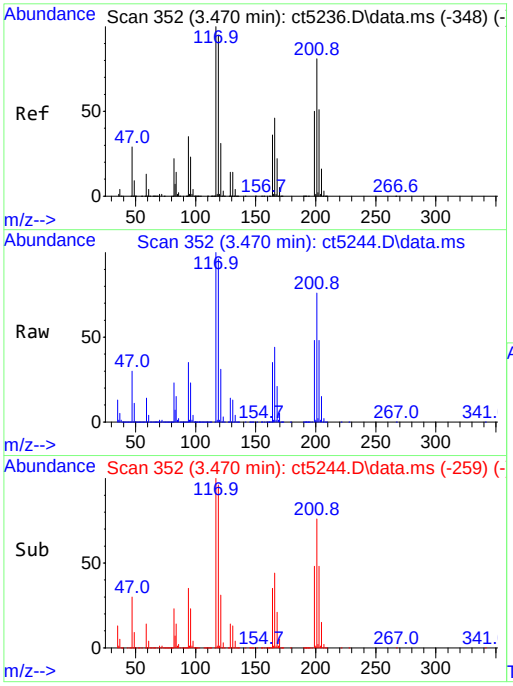


#22
n-Nitroso-di-n-propylamine
Concen: 74.74 ppm
RT: 3.432 min Scan# 345
Delta R.T. 0.016 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 70 Resp: 731083

Ion	Ratio	Lower	Upper
70	100		
42	70.4	42.3	102.3
130	21.9	0.0	50.5

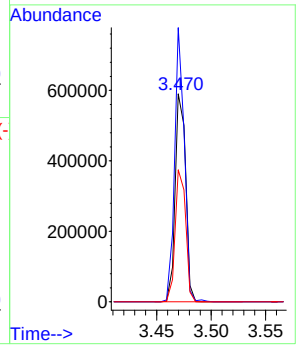


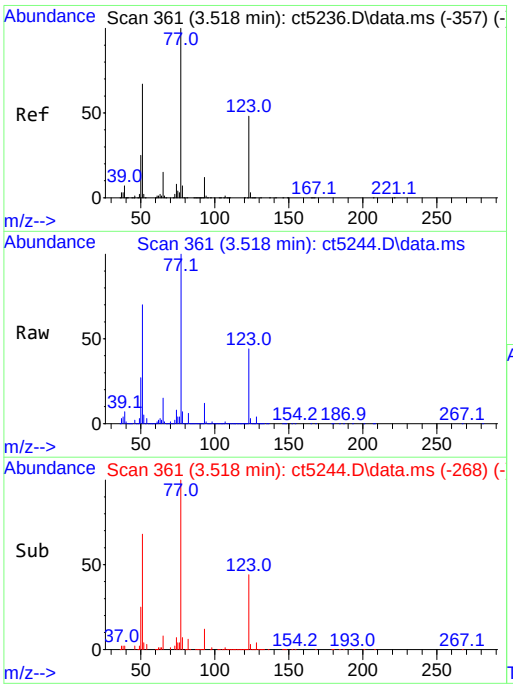


#23
Hexachloroethane
Concen: 69.49 ppm
RT: 3.470 min Scan# 352
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:201 Resp: 398029

Ion	Ratio	Lower	Upper
201	100		
117	131.9	93.9	153.9
199	63.5	32.2	92.2

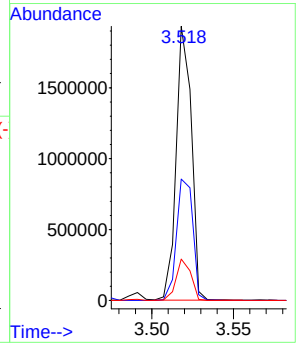


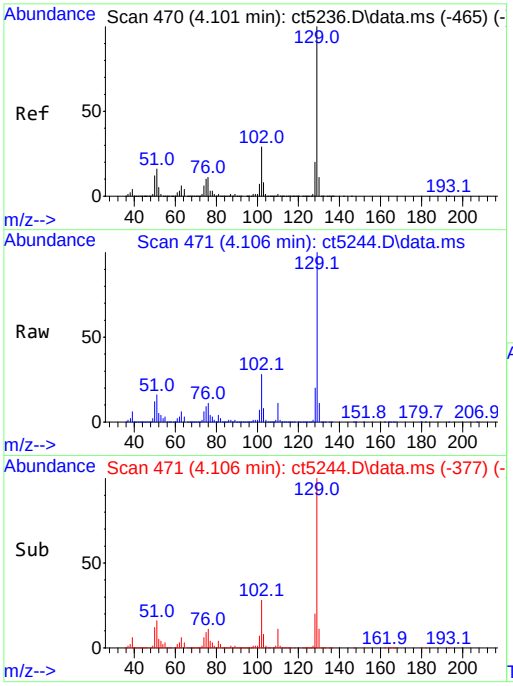


#26
Nitrobenzene
Concen: 68.38 ppm
RT: 3.518 min Scan# 361
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 77 Resp: 1254101

Ion	Ratio	Lower	Upper
77	100		
123	44.3	18.0	78.0
65	15.1	0.0	44.7

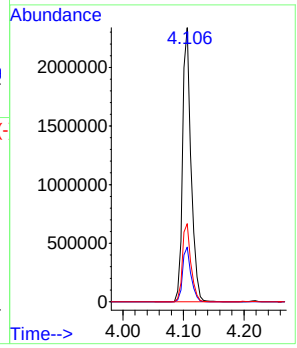


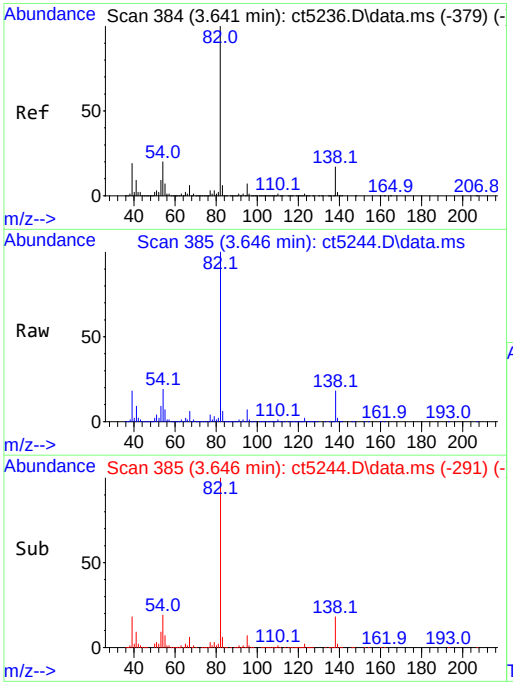


#27
Quinoline
Concen: 69.36 ppm
RT: 4.106 min Scan# 471
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:129 Resp: 2279926

Ion	Ratio	Lower	Upper
129	100		
128	19.9	0.0	49.7
102	28.4	0.0	58.7

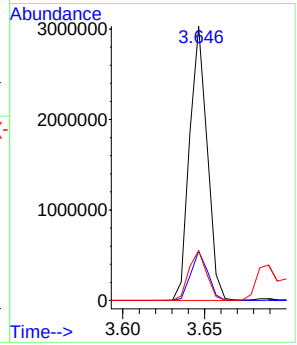


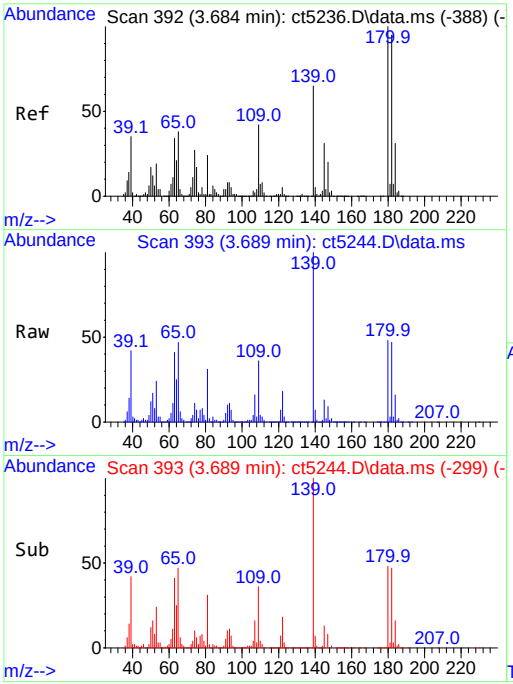


#28
Isophorone
Concen: 70.24 ppm
RT: 3.646 min Scan# 385
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 82 Resp: 2276680

Ion	Ratio	Lower	Upper
82	100		
138	18.0	0.0	47.0
39	18.2	0.0	49.1

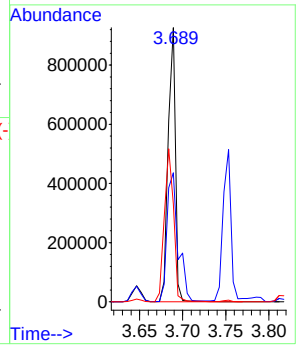


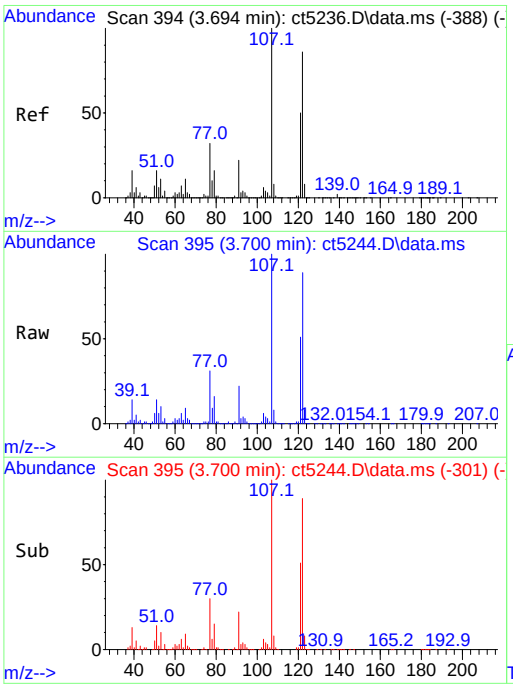


#29
2-Nitrophenol
Concen: 65.88 ppm
RT: 3.689 min Scan# 393
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:139 Resp: 540959

Ion	Ratio	Lower	Upper
139	100		
65	46.4	28.1	88.1
109	35.6	35.1	95.1

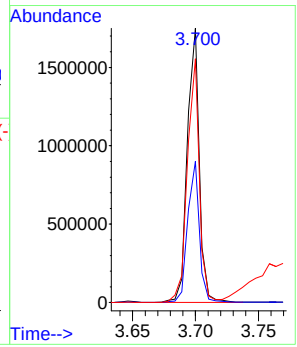


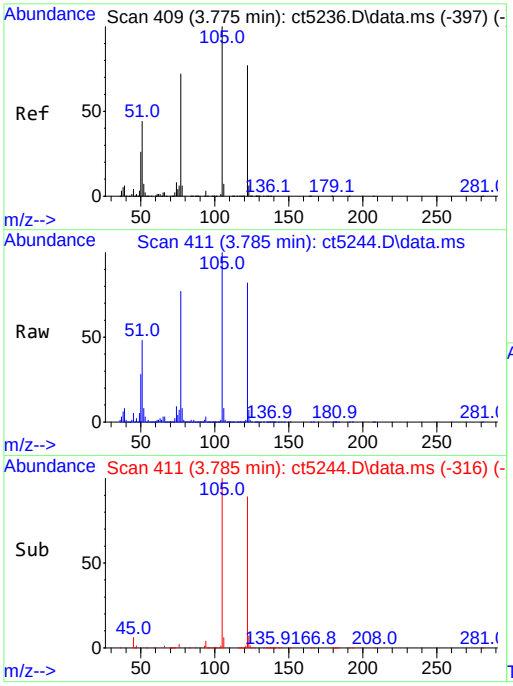


#30
2,4-Dimethylphenol
Concen: 67.79 ppm
RT: 3.700 min Scan# 395
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:107 Resp: 1154782

Ion	Ratio	Lower	Upper
107	100		
121	51.4	19.9	79.9
122	86.1	51.6	111.6

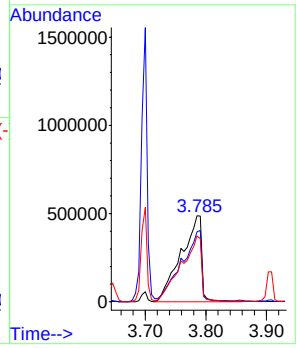


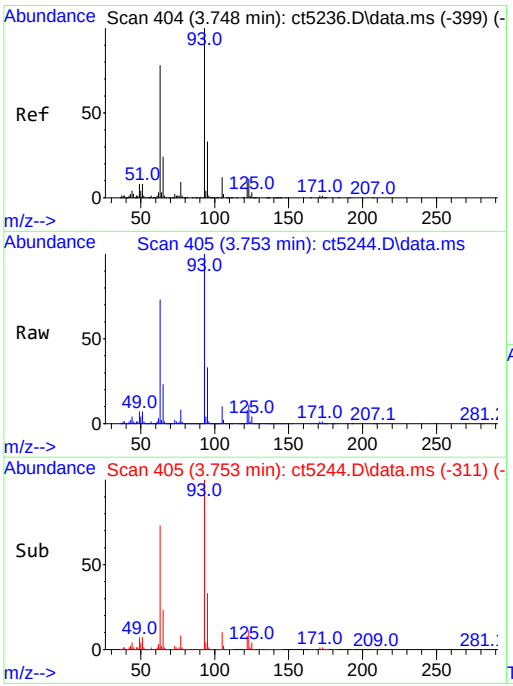


#31
Benzoic acid
Concen: 74.53 ppm
RT: 3.785 min Scan# 411
Delta R.T. 0.011 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:105 Resp: 1149951

Ion	Ratio	Lower	Upper
105	100		
122	79.2	48.8	108.8
77	76.0	43.0	103.0

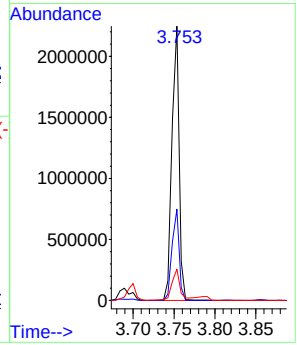


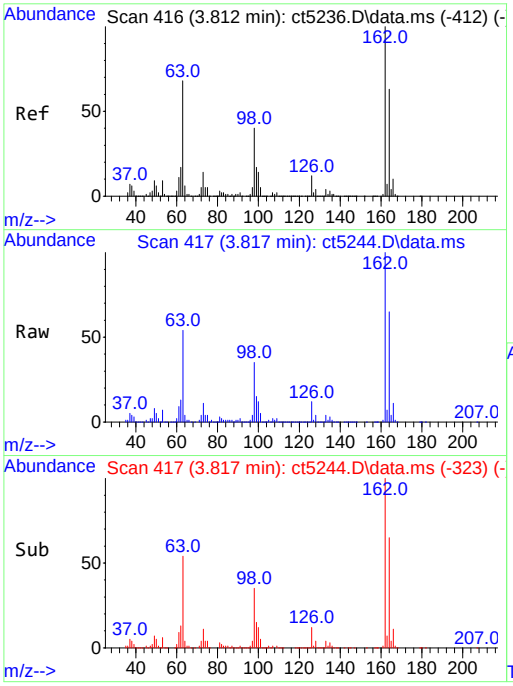


#32
bis(2-Chloroethoxy)methane
Concen: 68.67 ppm
RT: 3.753 min Scan# 405
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 93 Resp: 1364618

Ion	Ratio	Lower	Upper
93	100		
95	33.3	2.7	62.7
123	11.4	0.0	40.7

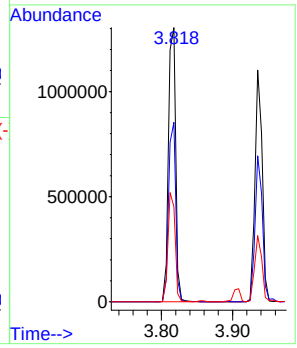


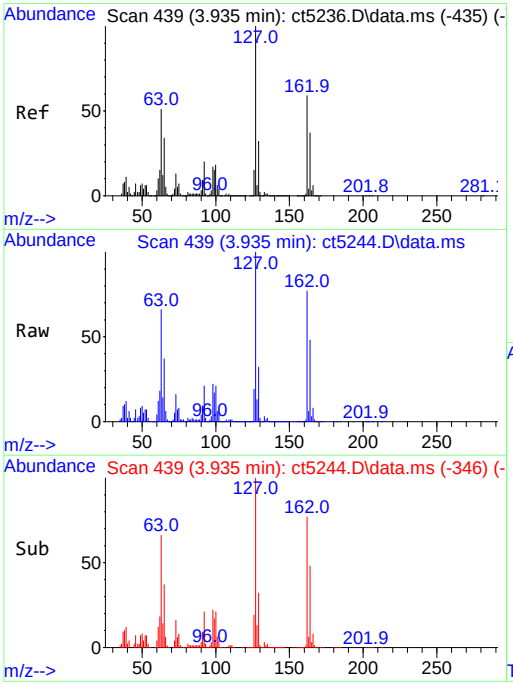


#33
2,4-Dichlorophenol
Concen: 68.48 ppm
RT: 3.817 min Scan# 417
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:162 Resp: 920028

Ion	Ratio	Lower	Upper
162	100		
164	65.4	33.4	93.4
98	34.6	10.2	70.2

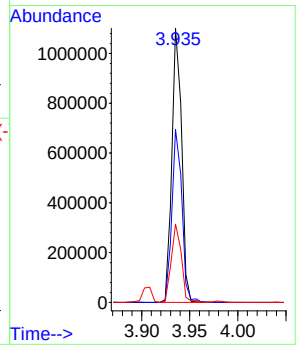


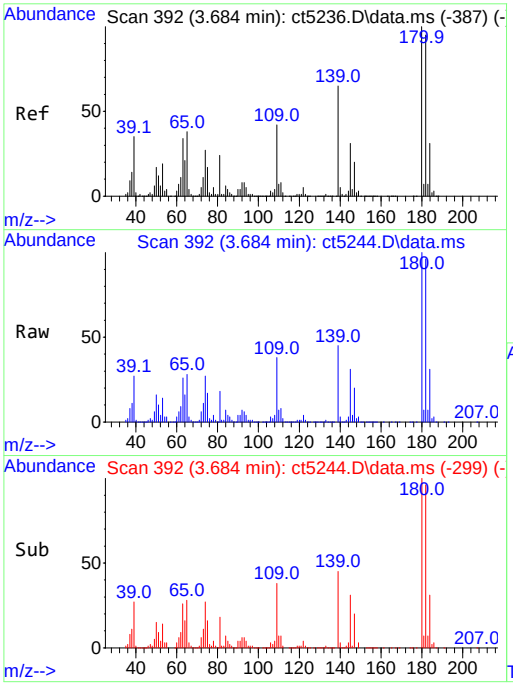


#34
2,6-Dichlorophenol
Concen: 65.80 ppm
RT: 3.935 min Scan# 439
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:162 Resp: 776506

Ion	Ratio	Lower	Upper
162	100		
164	63.0	33.8	93.8
98	28.4	0.0	58.3

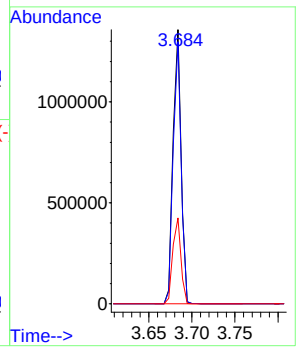


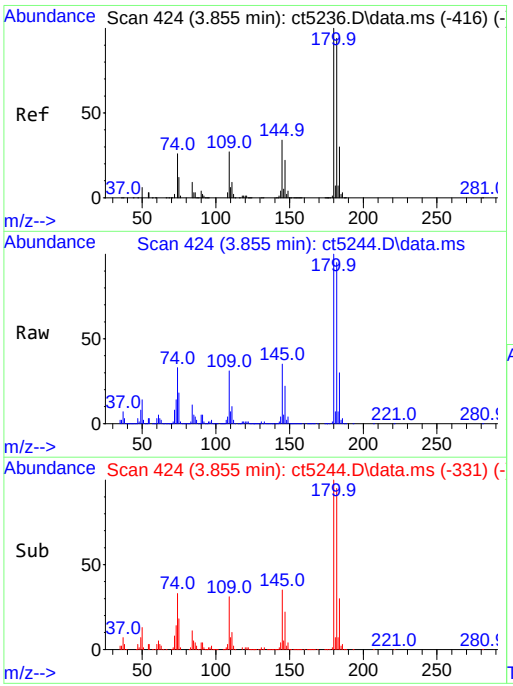


#35
1,3,5-Trichlorobenzene
Concen: 65.80 ppm
RT: 3.684 min Scan# 392
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:180 Resp: 881048

Ion	Ratio	Lower	Upper
180	100		
182	95.6	64.6	124.6
145	31.3	0.9	60.9

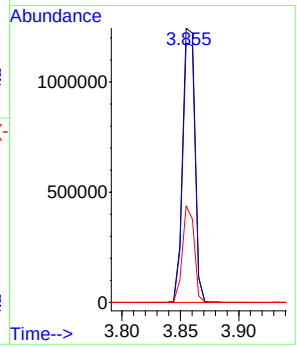


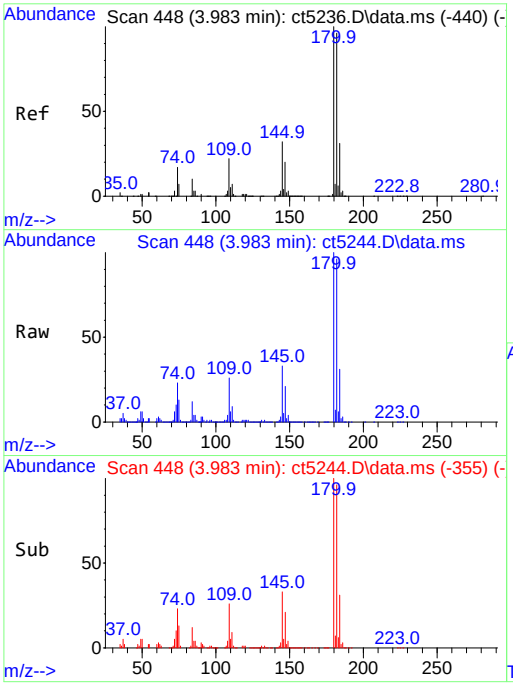


#36
1,2,4-Trichlorobenzene
Concen: 67.60 ppm
RT: 3.855 min Scan# 424
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:180 Resp: 914217

Ion	Ratio	Lower	Upper
180	100		
182	94.6	63.6	123.6
145	35.3	4.3	64.3

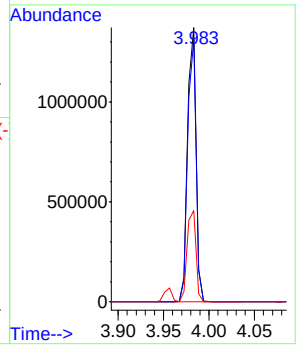


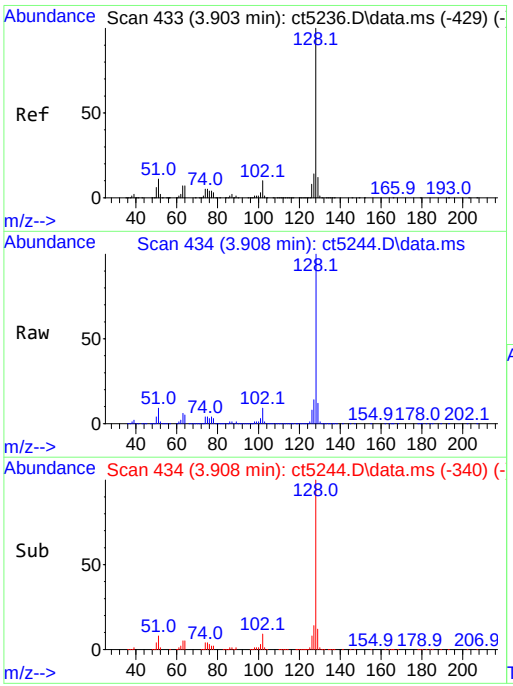


#37
1,2,3-Trichlorobenzene
Concen: 67.11 ppm
RT: 3.983 min Scan# 448
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:180 Resp: 884861

Ion	Ratio	Lower	Upper
180	100		
182	95.6	65.9	125.9
145	33.3	2.0	62.0

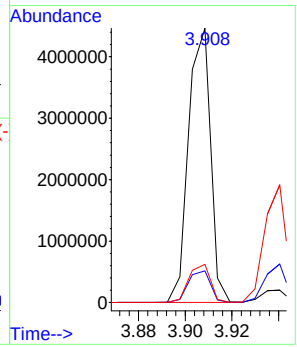


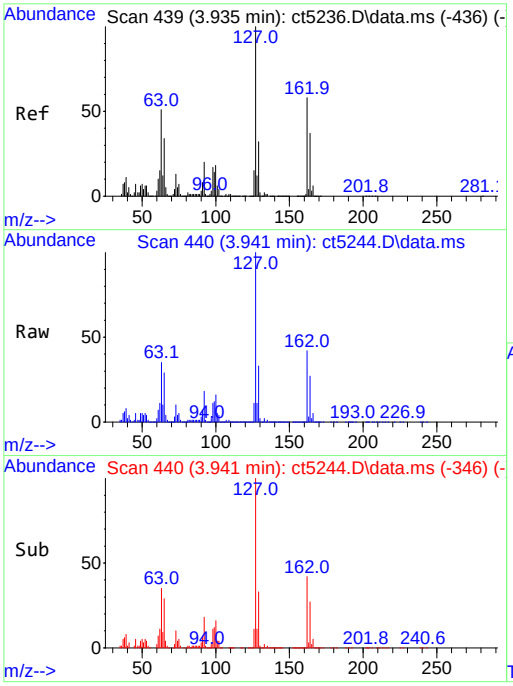


#38
Naphthalene
Concen: 65.75 ppm
RT: 3.908 min Scan# 434
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:128 Resp: 2921785

Ion	Ratio	Lower	Upper
128	100		
129	11.5	0.0	41.7
127	13.8	0.0	43.6

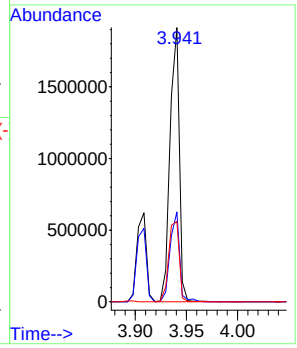


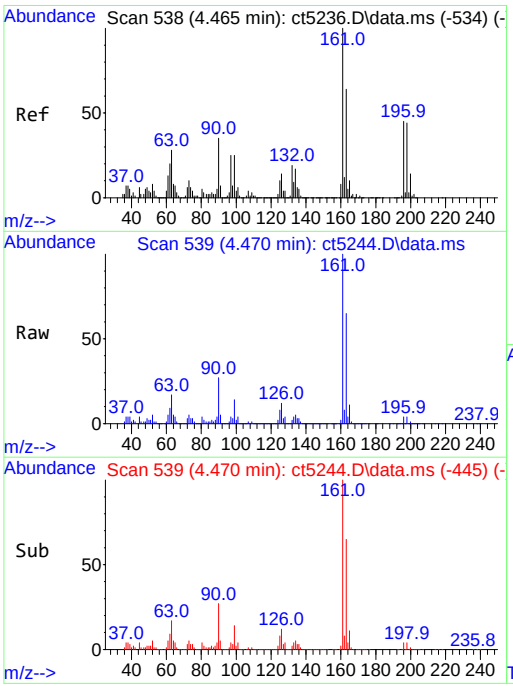


#39
4-Chloroaniline
Concen: 64.73 ppm
RT: 3.941 min Scan# 440
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:127 Resp: 1199860

Ion	Ratio	Lower	Upper
127	100		
129	32.8	2.2	62.2
65	29.3	4.0	64.0

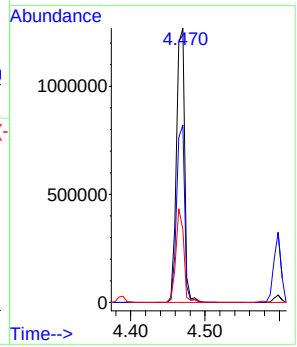


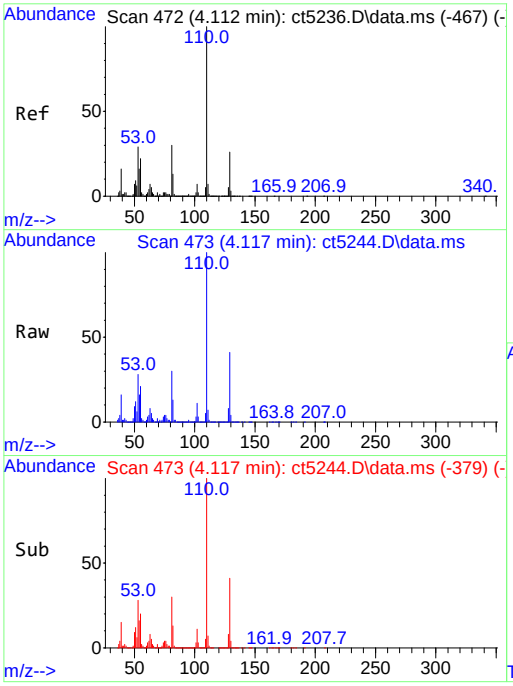


#40
2,3-Dichloroaniline
Concen: 66.22 ppm
RT: 4.470 min Scan# 539
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:161 Resp: 963539

Ion	Ratio	Lower	Upper
161	100		
163	64.7	34.3	94.3
90	26.6	5.3	65.3

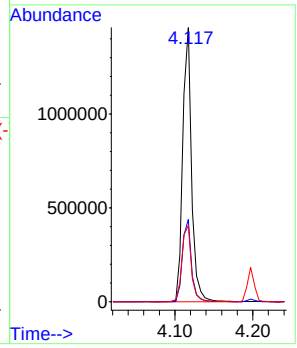


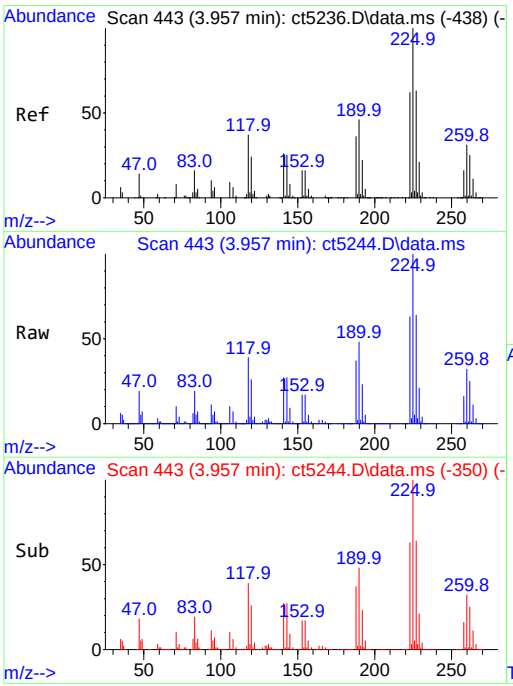


#41
Hydroquinone
Concen: 66.35 ppm
RT: 4.117 min Scan# 473
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:110 Resp: 1141479

Ion	Ratio	Lower	Upper
110	100		
81	29.9	0.1	60.1
53	27.7	0.0	59.2

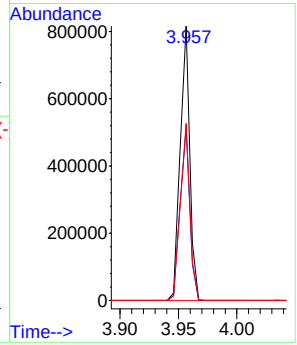


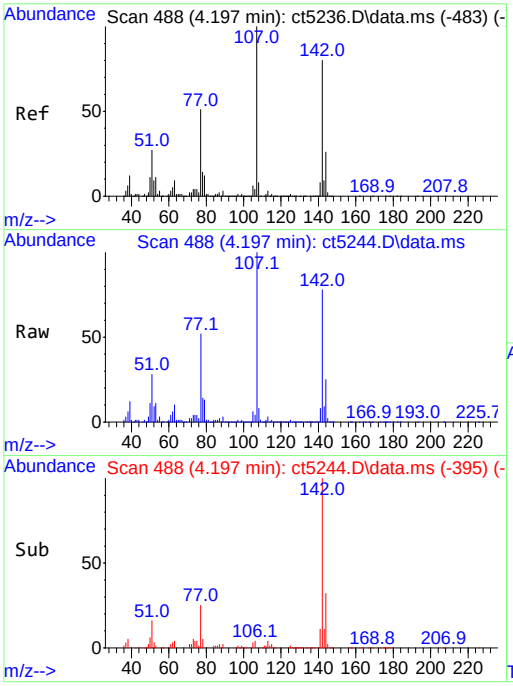


#42
Hexachlorobutadiene
Concen: 65.99 ppm
RT: 3.957 min Scan# 443
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:225 Resp: 464637

Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.1	92.1
227	64.5	33.3	93.3

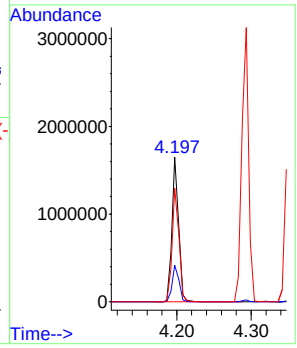


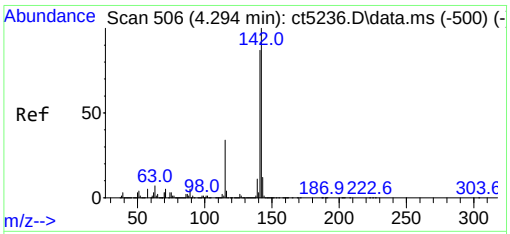


#43
4-Chloro-3-methylphenol
Concen: 69.38 ppm
RT: 4.197 min Scan# 488
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:107 Resp: 1031316

Ion	Ratio	Lower	Upper
107	100		
144	24.9	0.0	55.9
142	14.9	43.8	103.8#

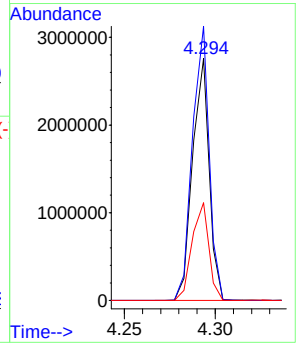


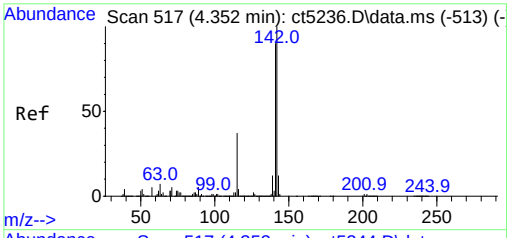


#44
2-Methylnaphthalene
Concen: 66.92 ppm
RT: 4.294 min Scan# 506
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:141 Resp: 1748901

Ion	Ratio	Lower	Upper
141	100		
142	113.3	85.2	145.2
115	40.3	9.7	69.7

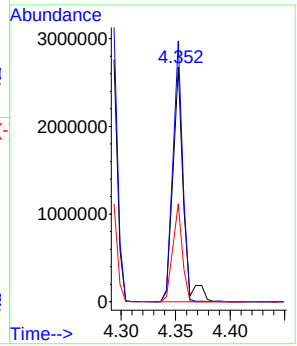


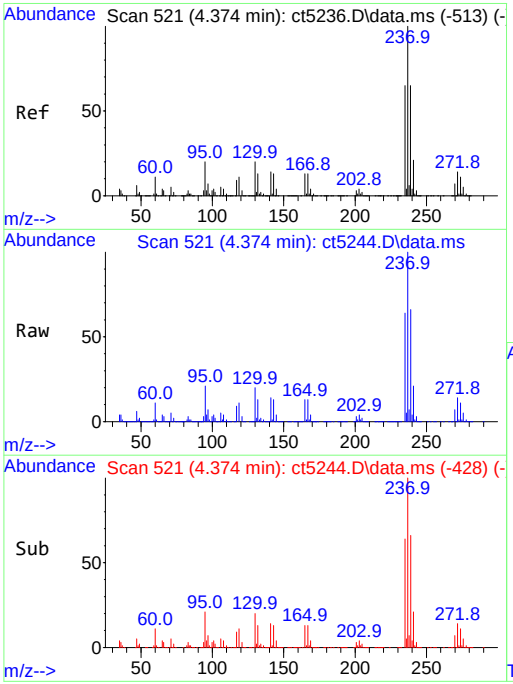


#45
1-Methylnaphthalene
Concen: 67.16 ppm
RT: 4.352 min Scan# 517
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:141 Resp: 1829940

Ion	Ratio	Lower	Upper
141	100		
142	111.2	80.8	140.8
115	41.8	10.8	70.8

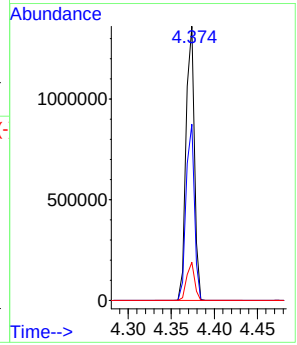


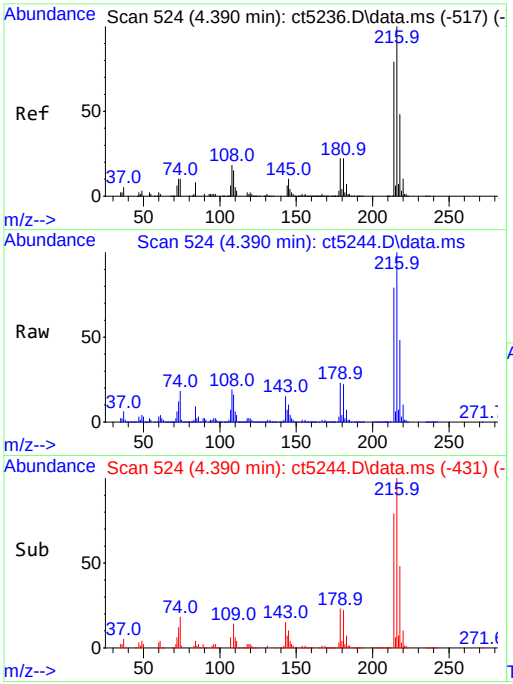


#47
Hexachlorocyclopentadiene
Concen: 137.78 ppm
RT: 4.374 min Scan# 521
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:237 Resp: 918066

Ion	Ratio	Lower	Upper
237	100		
235	64.2	34.5	94.5
272	13.9	0.0	43.6

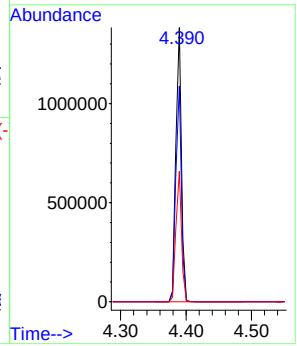


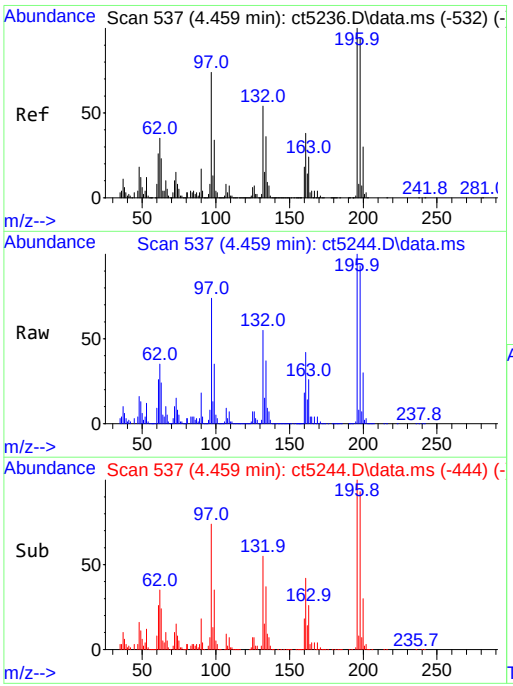


#48
1,2,4,5-tetrachlorobenzene
Concen: 68.51 ppm
RT: 4.390 min Scan# 524
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:216 Resp: 818195

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
218	47.5	38.4	57.6

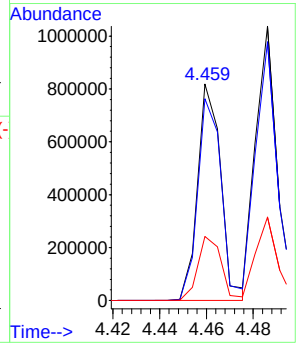


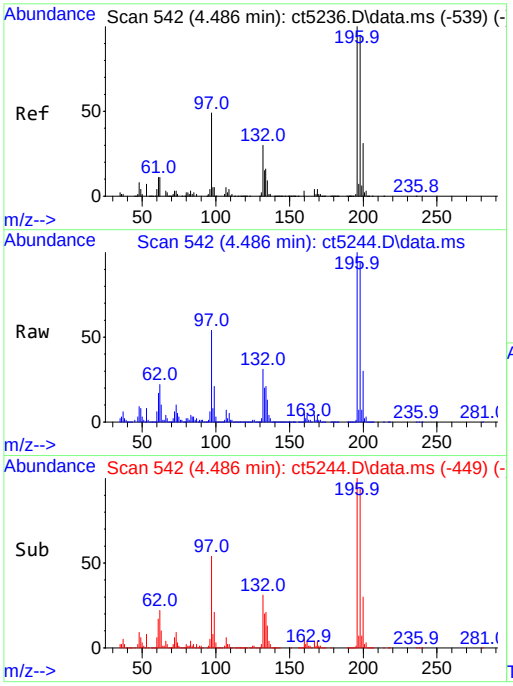


#49
2,4,6-Trichlorophenol
Concen: 69.81 ppm
RT: 4.459 min Scan# 537
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:196 Resp: 562288

Ion	Ratio	Lower	Upper
196	100		
198	93.3	64.2	124.2
200	29.6	0.0	59.5

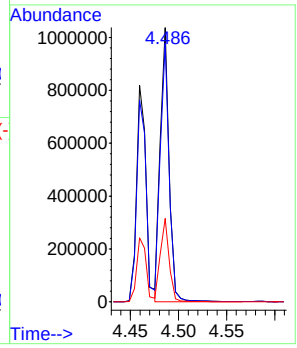


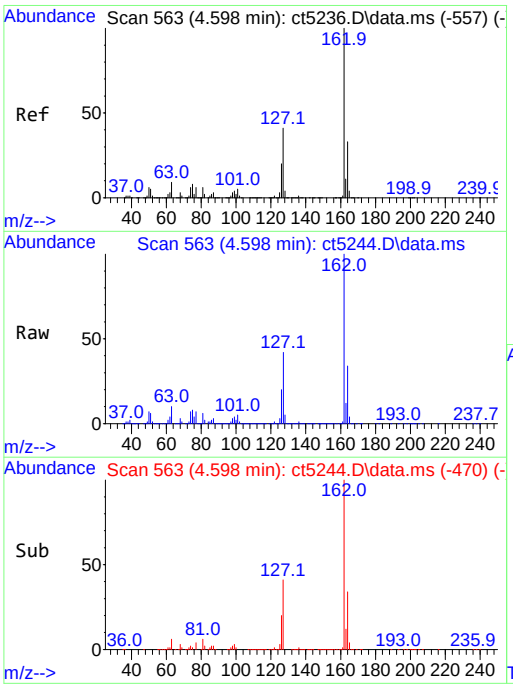


#50
2,4,5-Trichlorophenol
Concen: 68.93 ppm
RT: 4.486 min Scan# 542
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:196 Resp: 663252

Ion	Ratio	Lower	Upper
196	100		
198	94.4	65.2	125.2
200	30.4	0.7	60.7

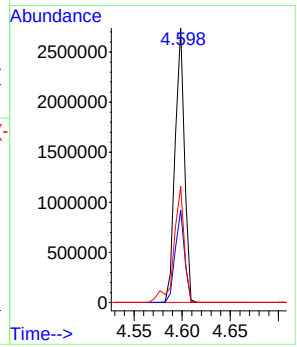


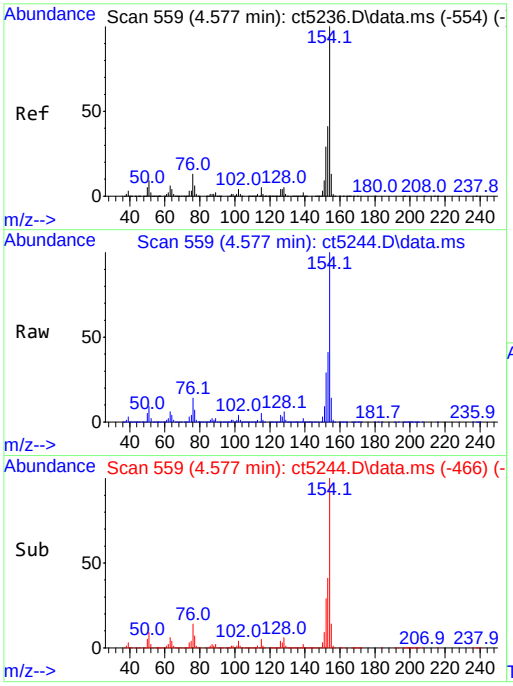


#52
2-Chloronaphthalene
Concen: 68.43 ppm
RT: 4.598 min Scan# 563
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:162 Resp: 1854361

Ion	Ratio	Lower	Upper
162	100		
164	33.7	2.8	62.8
127	41.5	11.0	71.0

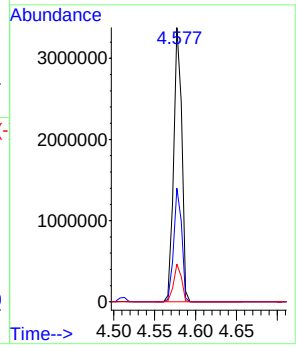


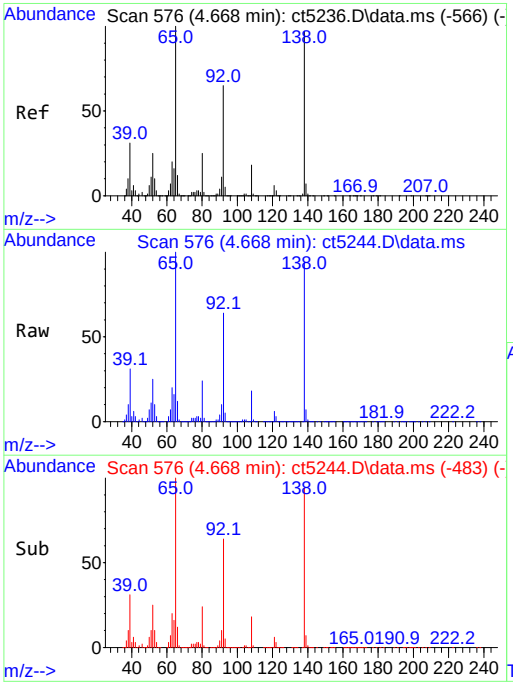


#53
Biphenyl
Concen: 67.64 ppm
RT: 4.577 min Scan# 559
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:154 Resp: 2332360

Ion	Ratio	Lower	Upper
154	100		
153	41.4	10.7	70.7
155	13.7	0.0	43.5

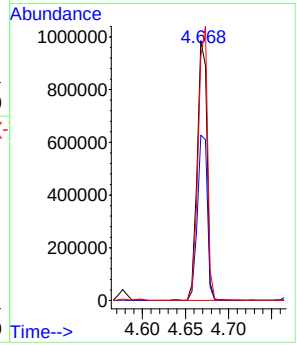


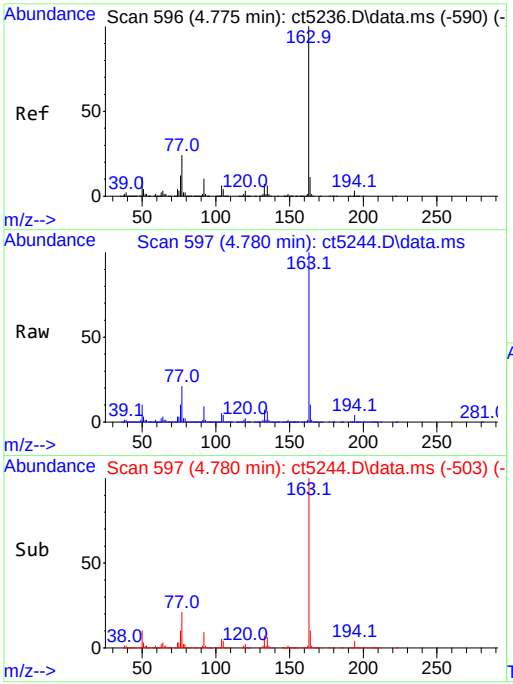


#54
2-Nitroaniline
Concen: 72.84 ppm
RT: 4.668 min Scan# 576
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 65 Resp: 786553

Ion	Ratio	Lower	Upper
65	100		
92	63.6	34.6	94.6
138	94.0	67.0	127.0

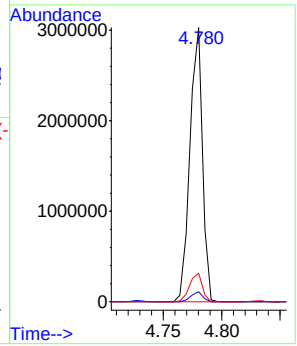


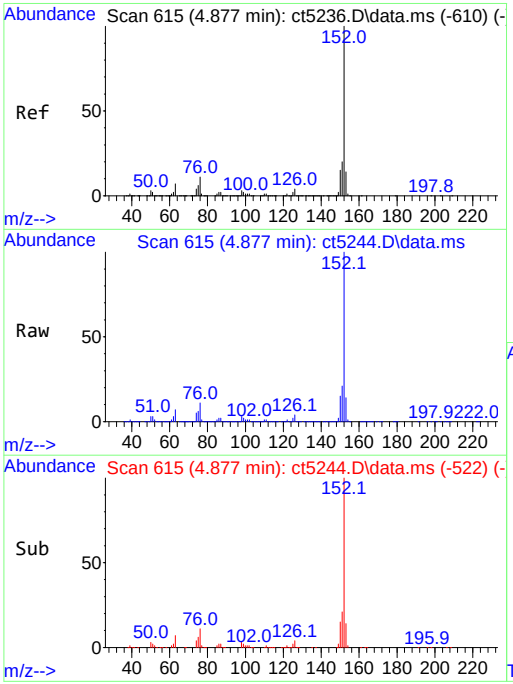


#55
Dimethylphthalate
Concen: 70.01 ppm
RT: 4.780 min Scan# 597
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:163 Resp: 2259270

Ion	Ratio	Lower	Upper
163	100		
194	3.7	0.0	33.4
164	10.4	0.0	40.5

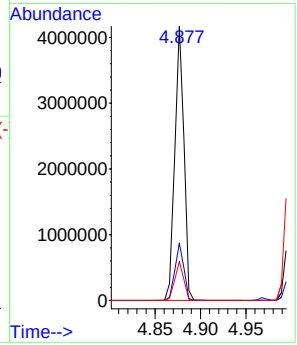


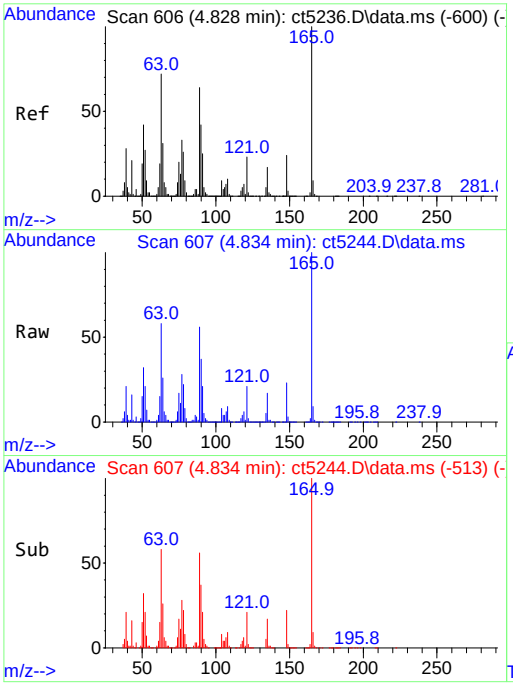


#56
Acenaphthylene
Concen: 68.05 ppm
RT: 4.877 min Scan# 615
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:152 Resp: 2942653

Ion	Ratio	Lower	Upper
152	100		
151	21.0	0.0	50.4
153	14.2	0.0	43.6

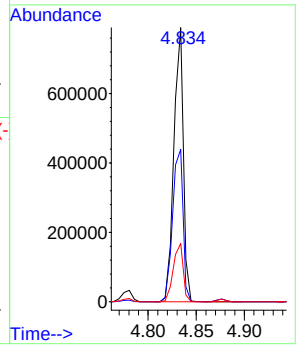


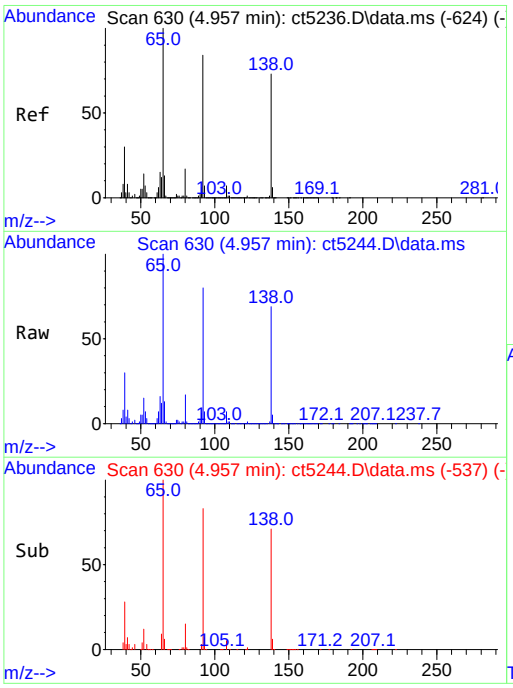


#57
2,6-Dinitrotoluene
Concen: 71.19 ppm
RT: 4.834 min Scan# 607
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:165 Resp: 538788

Ion	Ratio	Lower	Upper
165	100		
89	55.5	34.4	94.4
121	21.3	0.0	53.3

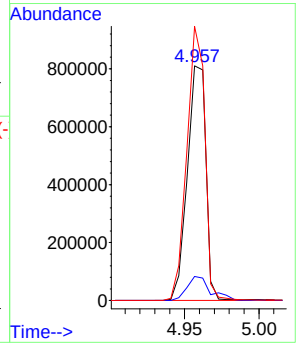


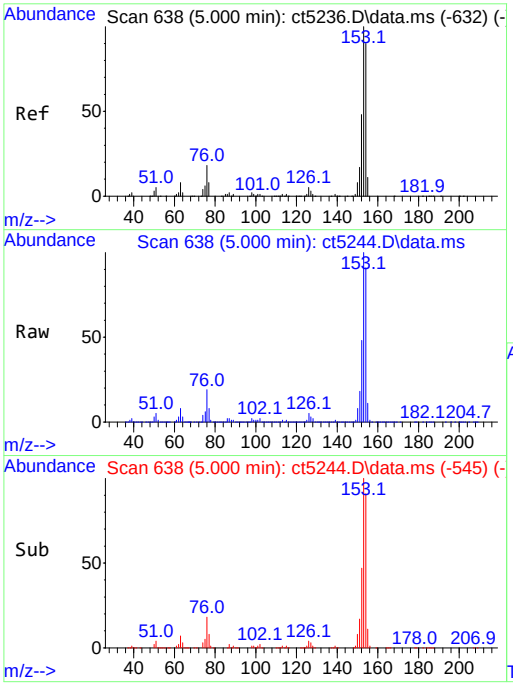


#58
3-Nitroaniline
Concen: 73.05 ppm
RT: 4.957 min Scan# 630
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:138 Resp: 699852

Ion	Ratio	Lower	Upper
138	100		
108	10.2	0.0	40.1
92	116.9	84.8	144.8

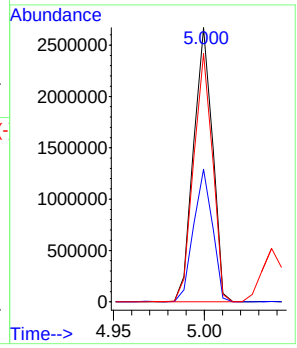


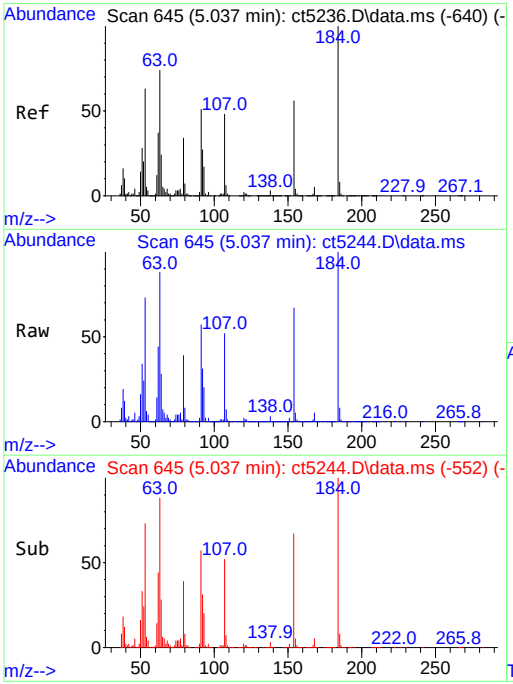


#59
Acenaphthene
Concen: 69.08 ppm
RT: 5.000 min Scan# 638
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:153 Resp: 1935574

Ion	Ratio	Lower	Upper
153	100		
152	48.3	18.5	78.5
154	90.4	59.7	119.7

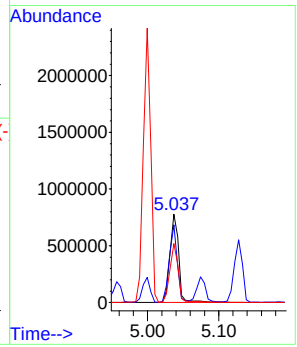


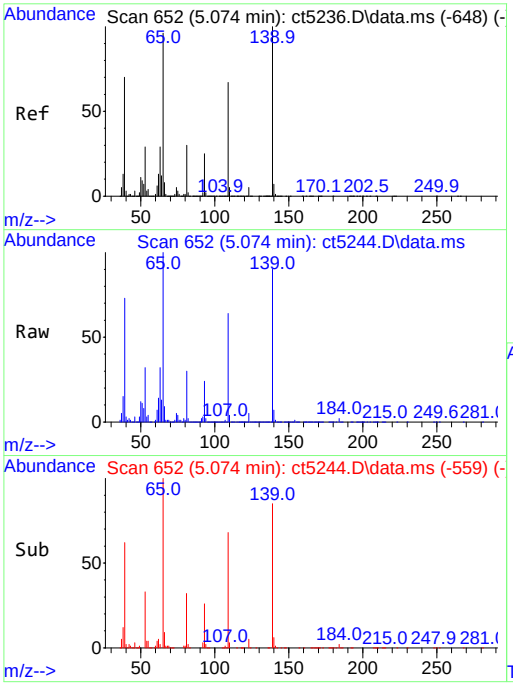


#60
2,4-Dinitrophenol
Concen: 146.87 ppm
RT: 5.037 min Scan# 645
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:184 Resp: 662686

Ion	Ratio	Lower	Upper
184	100		
63	65.9	32.3	92.3
154	62.0	29.0	89.0

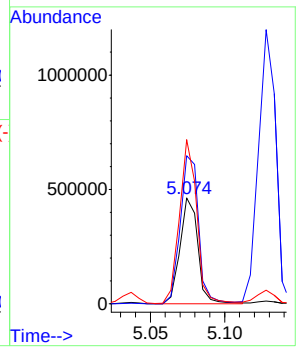


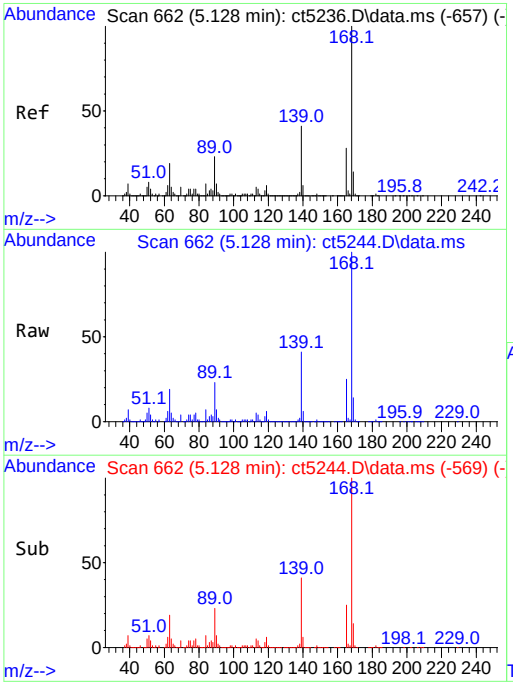


#61
4-Nitrophenol
Concen: 73.97 ppm
RT: 5.074 min Scan# 652
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:109 Resp: 386001

Ion	Ratio	Lower	Upper
109	100		
139	139.5	118.3	178.3
65	154.7	113.1	173.1

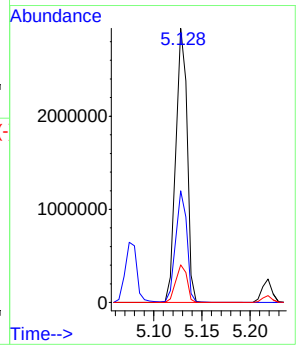


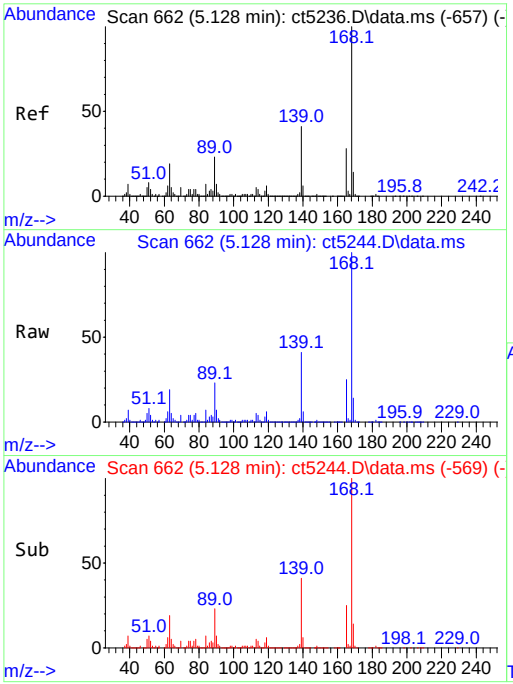


#62
Dibenzofuran
Concen: 66.13 ppm
RT: 5.128 min Scan# 662
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:168 Resp: 2398185

Ion	Ratio	Lower	Upper
168	100		
139	40.5	11.5	71.5
169	13.7	0.0	43.8

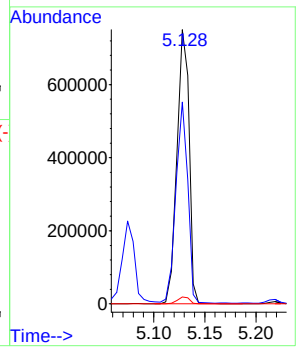


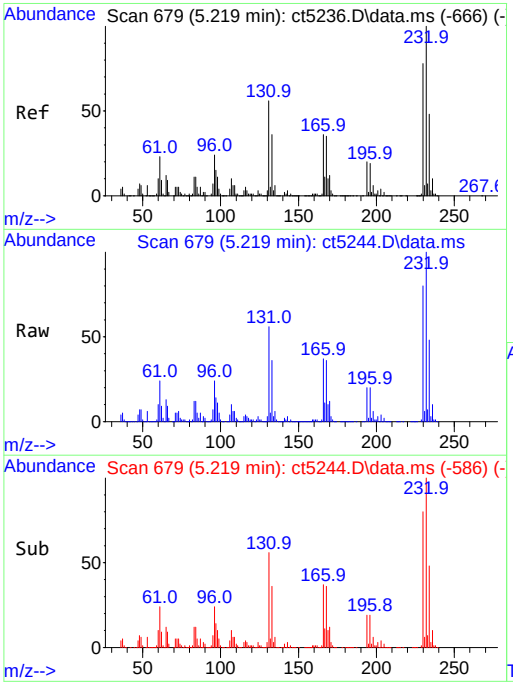


#63
2,4-Dinitrotoluene
Concen: 67.58 ppm
RT: 5.128 min Scan# 662
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:165 Resp: 621760

Ion	Ratio	Lower	Upper
165	100		
63	73.1	35.6	95.6
182	2.5	0.0	32.5

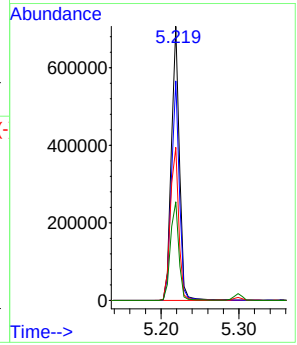


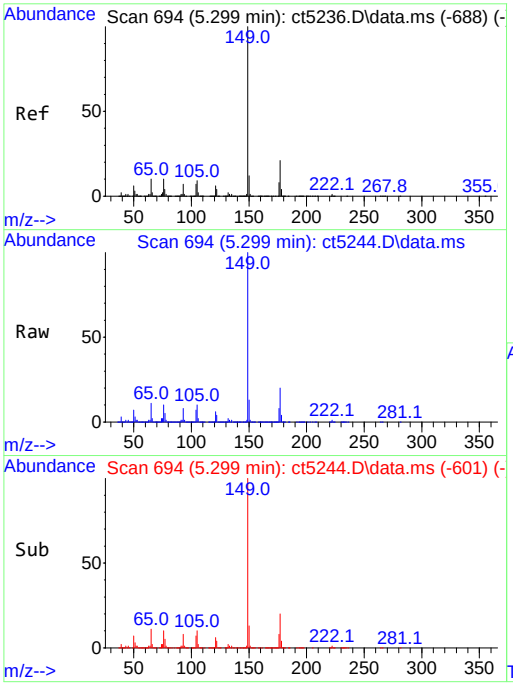


#64
2,3,4,6-Tetrachlorophenol
Concen: 69.95 ppm
RT: 5.219 min Scan# 679
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:232 Resp: 513972

Ion	Ratio	Lower	Upper
232	100		
230	80.0	48.2	108.2
131	55.5	25.8	85.8
133	35.2	6.2	66.2

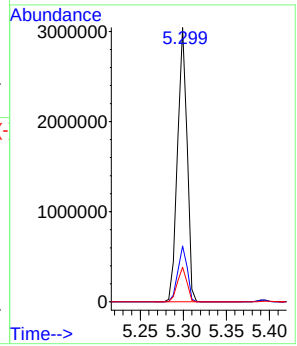


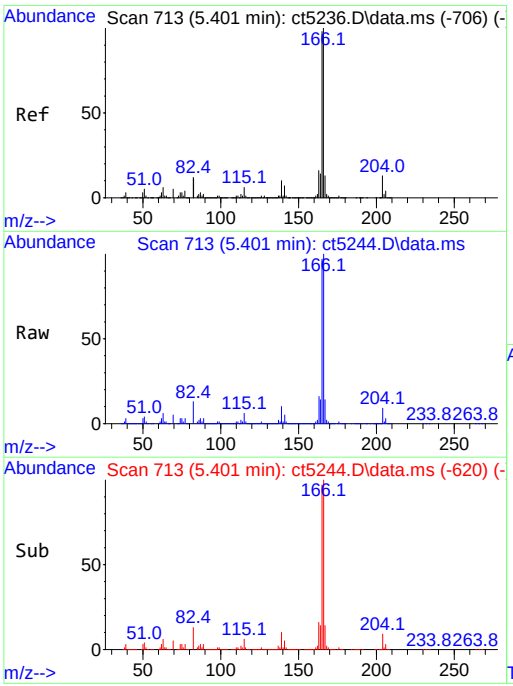


#65
Diethylphthalate
Concen: 69.56 ppm
RT: 5.299 min Scan# 694
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:149 Resp: 2329019

Ion	Ratio	Lower	Upper
149	100		
177	20.4	0.0	50.7
150	12.7	0.0	42.5

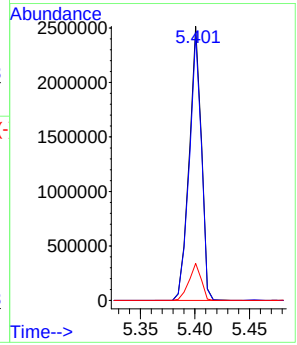


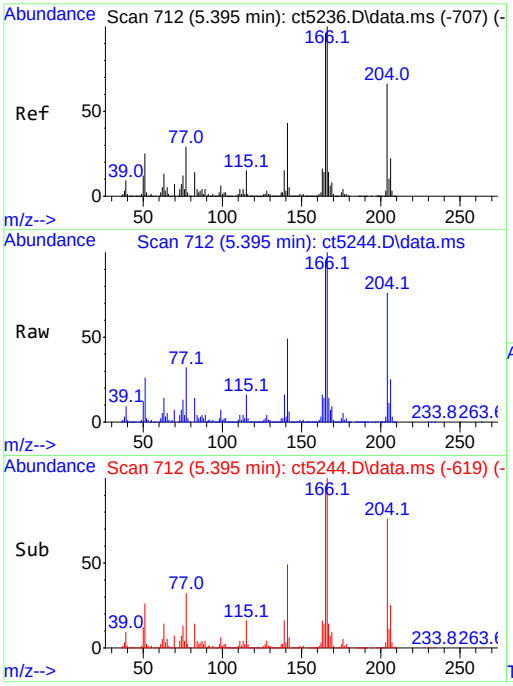


#66
Fluorene
Concen: 67.78 ppm
RT: 5.401 min Scan# 713
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:166 Resp: 1944218

Ion	Ratio	Lower	Upper
166	100		
165	97.0	67.6	127.6
167	13.6	0.0	43.4

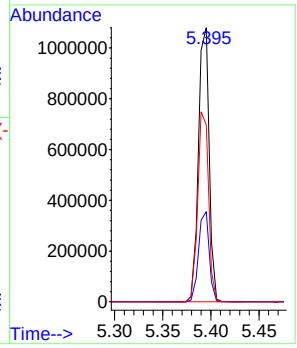


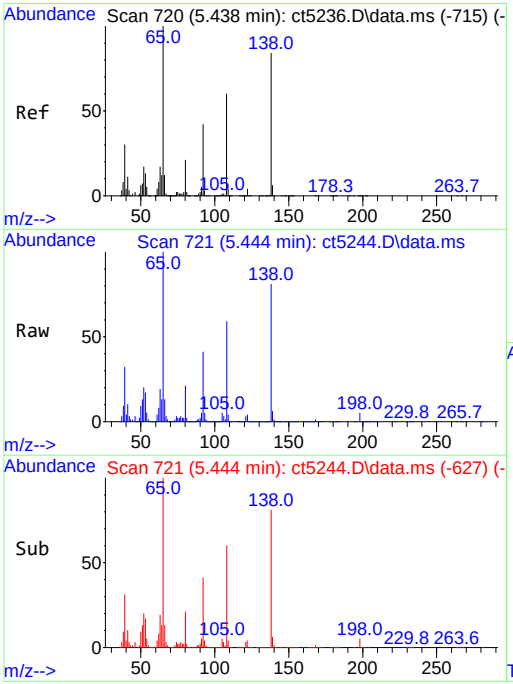


#67
4-Chlorophenyl-phenylether
Concen: 67.78 ppm
RT: 5.395 min Scan# 712
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:204 Resp: 842661

Ion	Ratio	Lower	Upper
204	100		
206	32.8	2.9	62.9
141	64.5	34.9	94.9

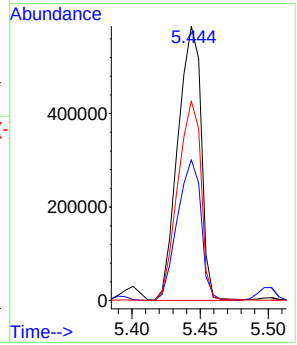


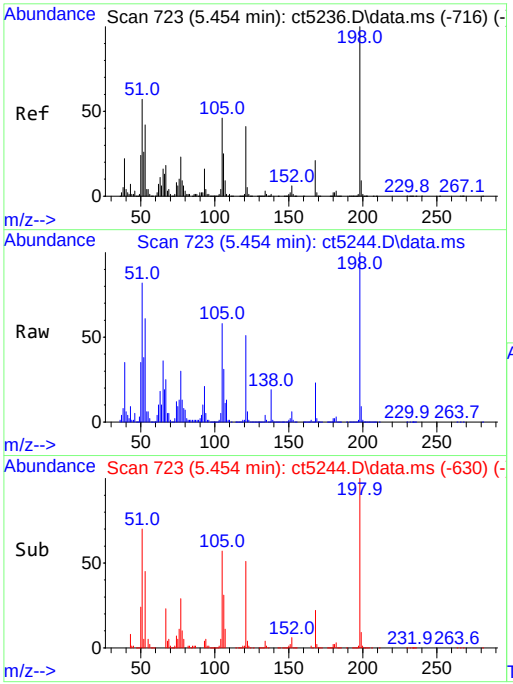


#68
4-Nitroaniline
Concen: 73.71 ppm
RT: 5.444 min Scan# 721
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:138 Resp: 698353

Ion	Ratio	Lower	Upper
138	100		
92	51.2	20.2	80.2
108	72.8	41.6	101.6

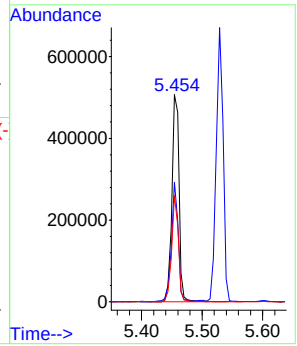


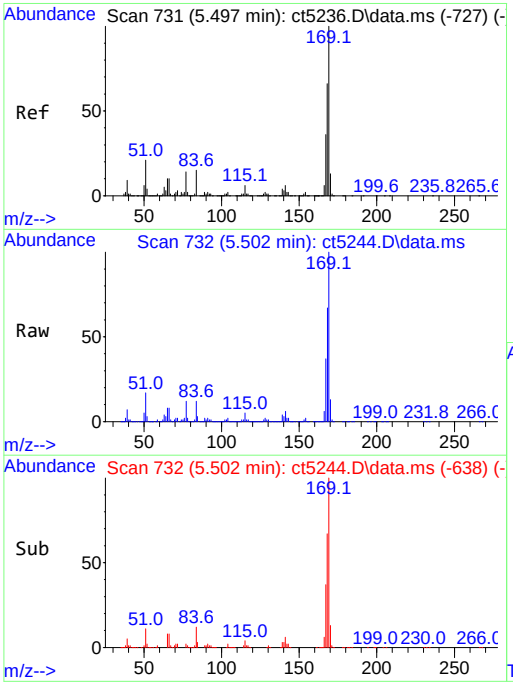


#70
4,6-Dinitro-2-methylphenol
Concen: 71.85 ppm
RT: 5.454 min Scan# 723
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:198 Resp: 416732

Ion	Ratio	Lower	Upper
198	100		
105	57.6	15.6	75.6
121	51.3	11.4	71.4

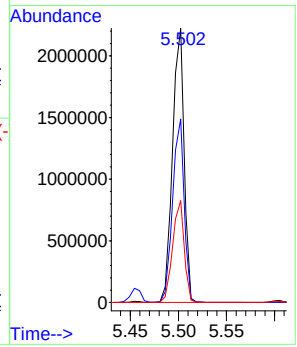


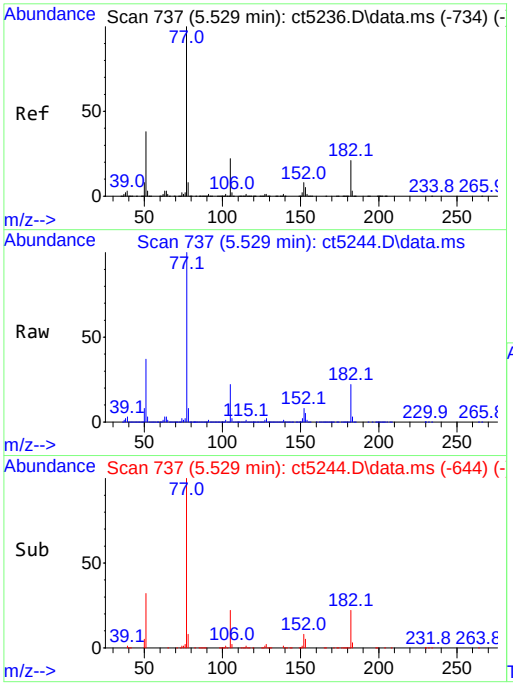


#71
n-Nitrosodiphenylamine
Concen: 68.99 ppm
RT: 5.502 min Scan# 732
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:169 Resp: 1856330

Ion	Ratio	Lower	Upper
169	100		
168	66.8	36.0	96.0
167	37.1	6.2	66.2

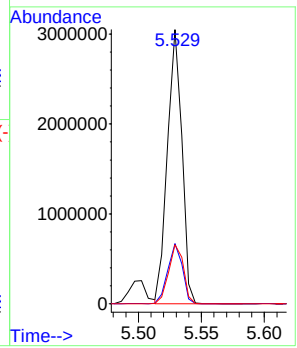


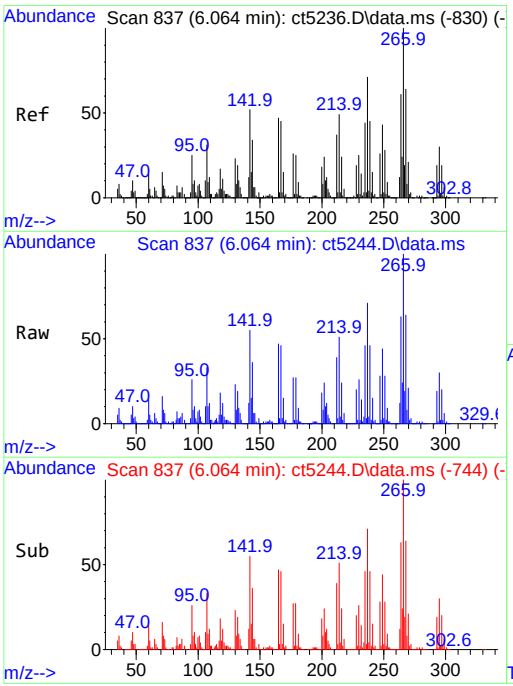


#72
1,2-Diphenylhydrazine
Concen: 69.17 ppm
RT: 5.529 min Scan# 737
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 77 Resp: 2454010

Ion	Ratio	Lower	Upper
77	100		
105	22.0	0.0	51.9
182	21.7	0.0	51.0

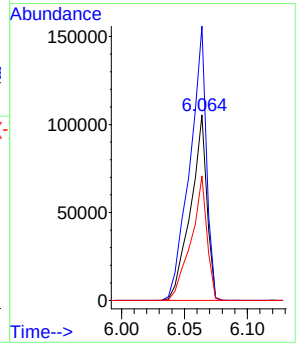


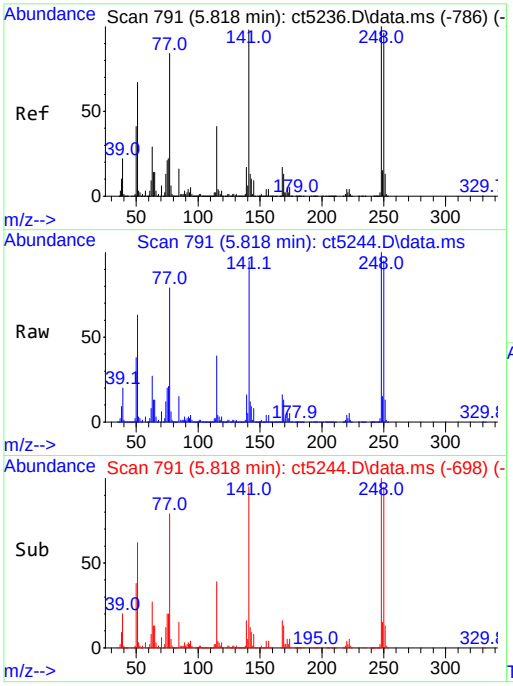


#73
pentachloronitrobenzene
Concen: 69.37 ppm
RT: 6.064 min Scan# 837
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:295 Resp: 95682

Ion	Ratio	Lower	Upper
295	100		
249	150.0	121.8	182.8
297	65.3	51.7	77.5

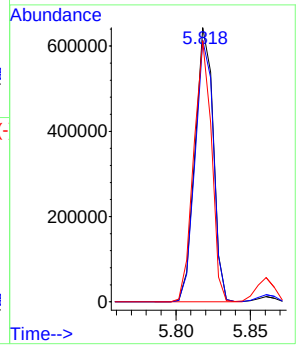


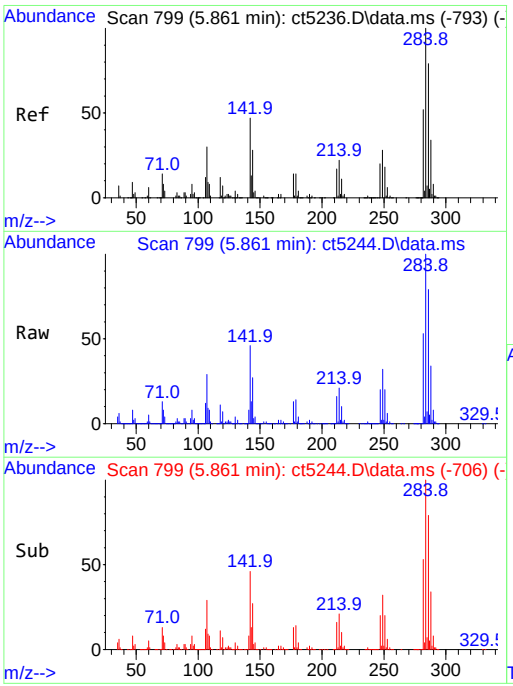


#75
4-Bromophenyl-phenylether
Concen: 70.07 ppm
RT: 5.818 min Scan# 791
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:248 Resp: 548297

Ion	Ratio	Lower	Upper
248	100		
250	95.3	65.9	125.9
141	95.0	68.1	128.1

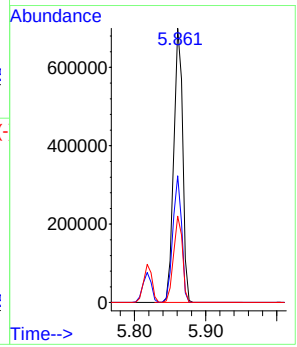


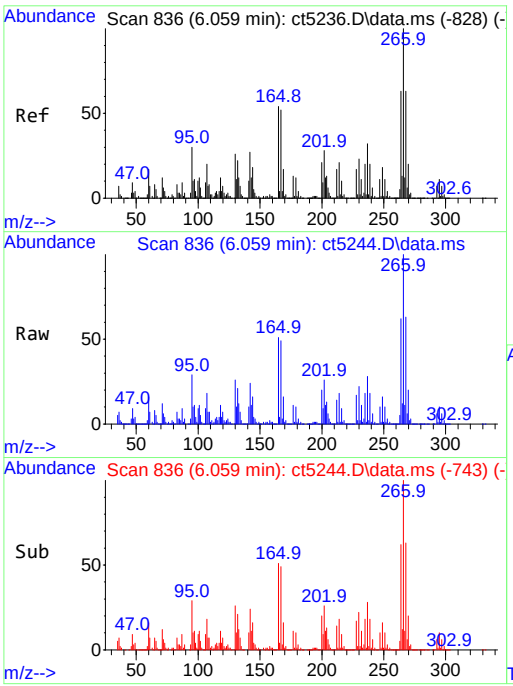


#76
Hexachlorobenzene
Concen: 69.54 ppm
RT: 5.861 min Scan# 799
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:284 Resp: 609394

Ion	Ratio	Lower	Upper
284	100		
142	45.7	17.4	77.4
249	30.5	0.0	59.7

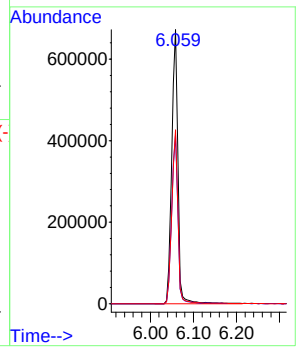


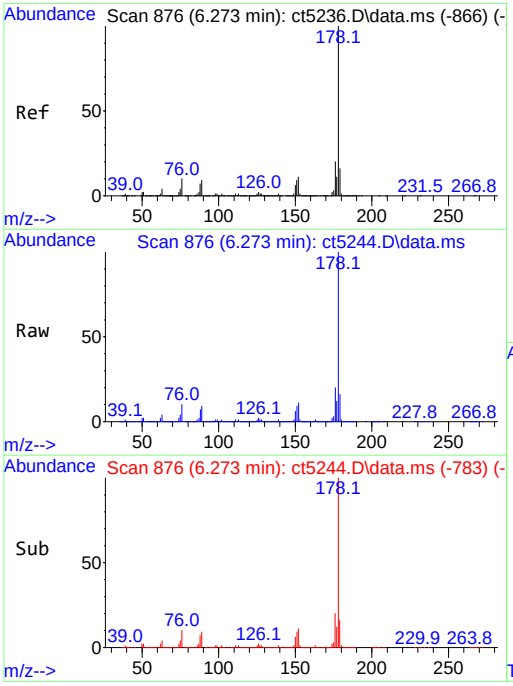


#77
Pentachlorophenol
Concen: 138.37 ppm
RT: 6.059 min Scan# 836
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:266 Resp: 680241

Ion	Ratio	Lower	Upper
266	100		
264	61.6	32.9	92.9
268	63.4	33.4	93.4

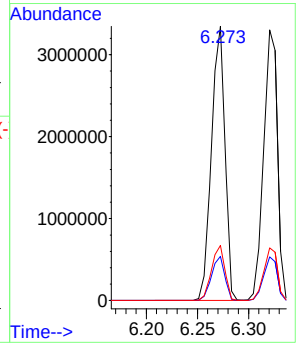


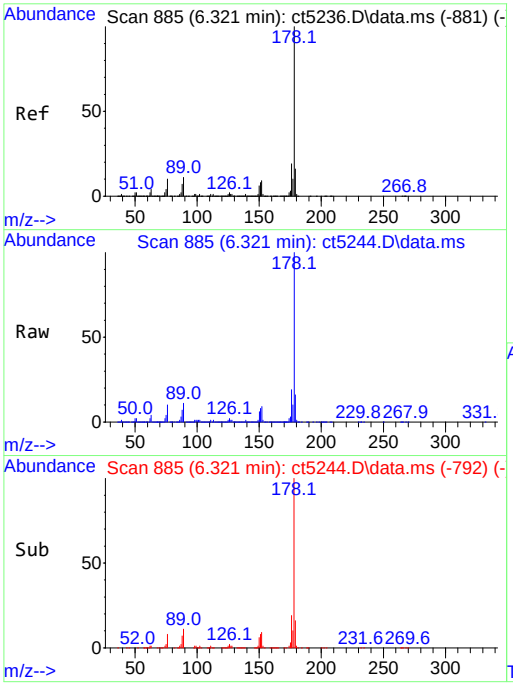


#78
Phenanthrene
Concen: 68.71 ppm
RT: 6.273 min Scan# 876
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:178 Resp: 3054614

Ion	Ratio	Lower	Upper
178	100		
179	16.1	0.0	46.1
176	20.1	0.0	50.2

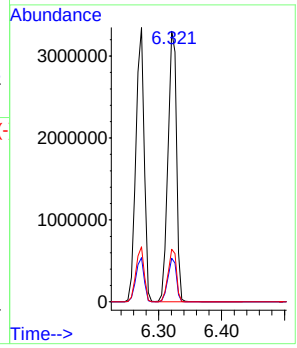


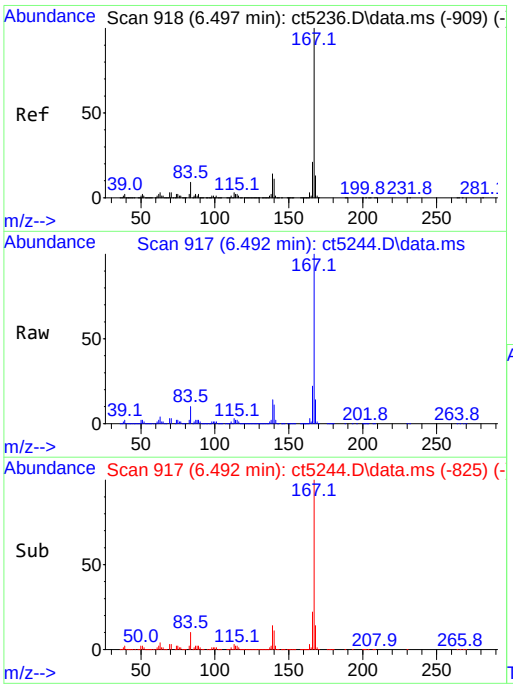


#79
Anthracene
Concen: 68.00 ppm
RT: 6.321 min Scan# 885
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:178 Resp: 3122212

Ion	Ratio	Lower	Upper
178	100		
179	16.1	0.0	45.8
176	19.4	0.0	49.2

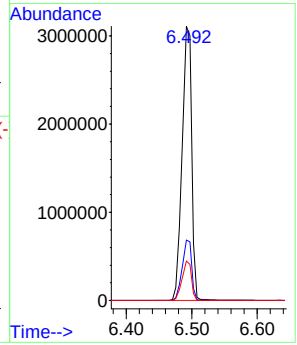


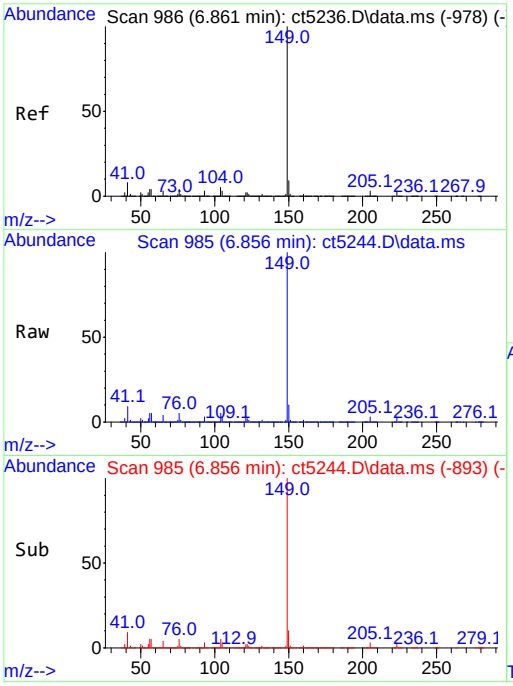


#80
Carbazole
Concen: 69.24 ppm
RT: 6.492 min Scan# 917
Delta R.T. -0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:167 Resp: 3144324

Ion	Ratio	Lower	Upper
167	100		
166	22.1	0.0	51.5
139	14.4	0.0	43.6

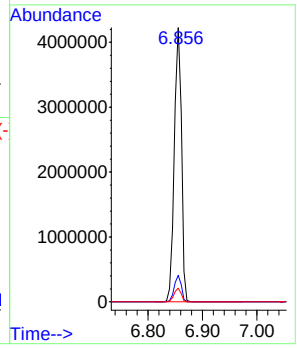


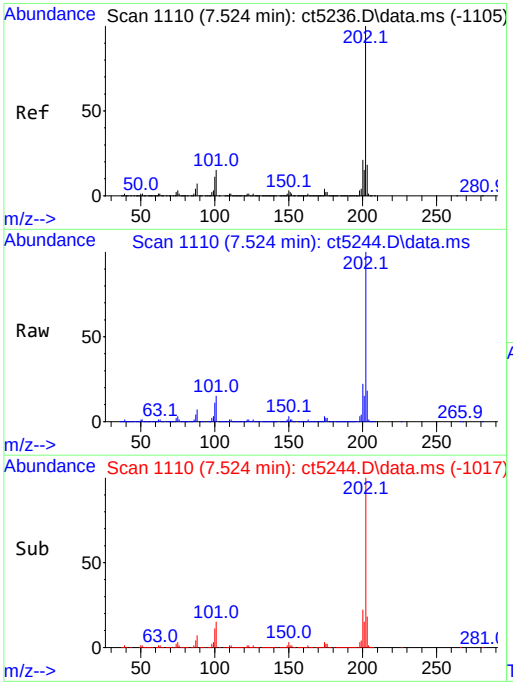


#81
Di-n-butylphthalate
Concen: 67.69 ppm
RT: 6.856 min Scan# 985
Delta R.T. -0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:149 Resp: 3882534

Ion	Ratio	Lower	Upper
149	100		
150	9.7	0.0	39.2
104	5.0	0.0	34.7

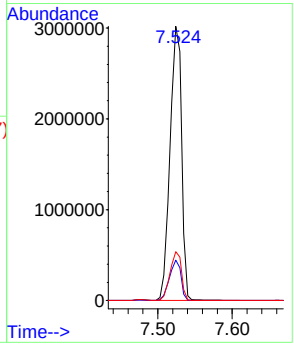


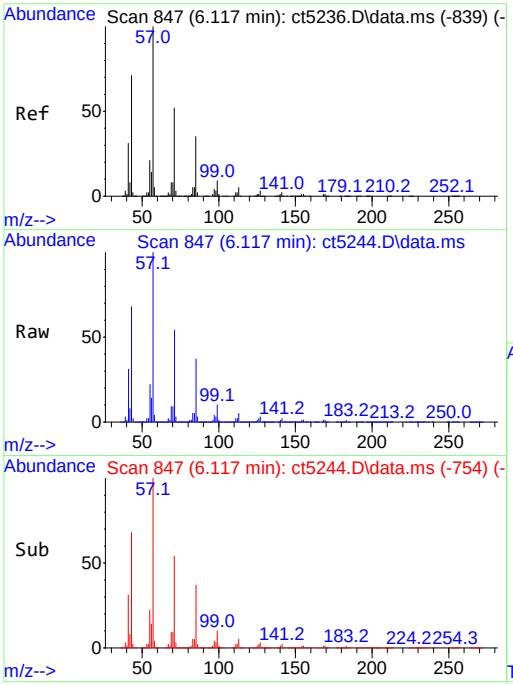


#82
Fluoranthene
Concen: 69.23 ppm
RT: 7.524 min Scan# 1110
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:202 Resp: 3259273

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	45.1
203	17.8	0.0	47.9

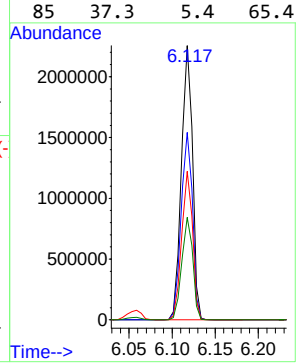


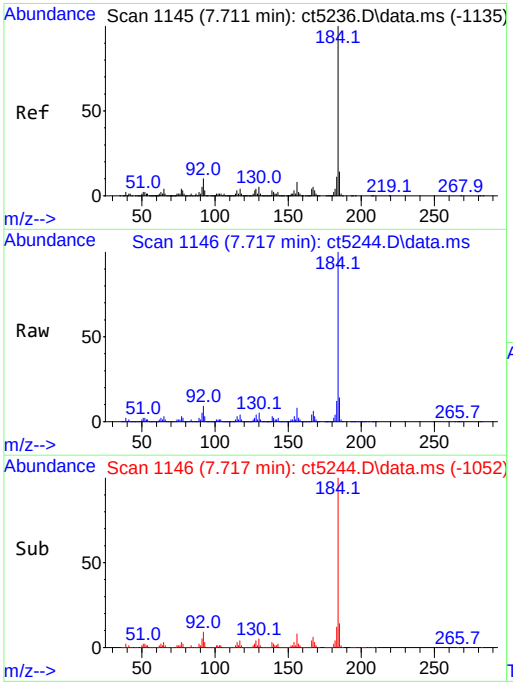


#83
Octadecane
Concen: 66.63 ppm
RT: 6.117 min Scan# 847
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion: 57 Resp: 2013128

Ion	Ratio	Lower	Upper
57	100		
43	68.3	41.3	101.3
71	54.1	22.1	82.1
85	37.3	5.4	65.4

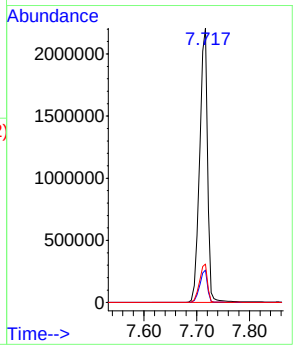


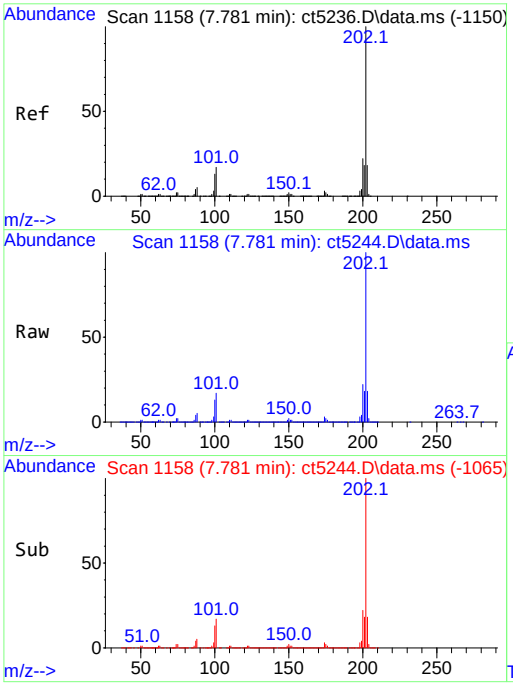


#85
benzidine
Concen: 74.61 ppm
RT: 7.717 min Scan# 1146
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:184 Resp: 2289564

Ion	Ratio	Lower	Upper
184	100		
183	11.6	9.1	13.7
185	14.2	11.1	16.7

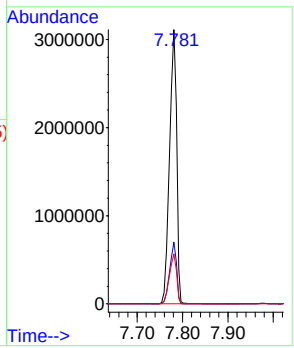


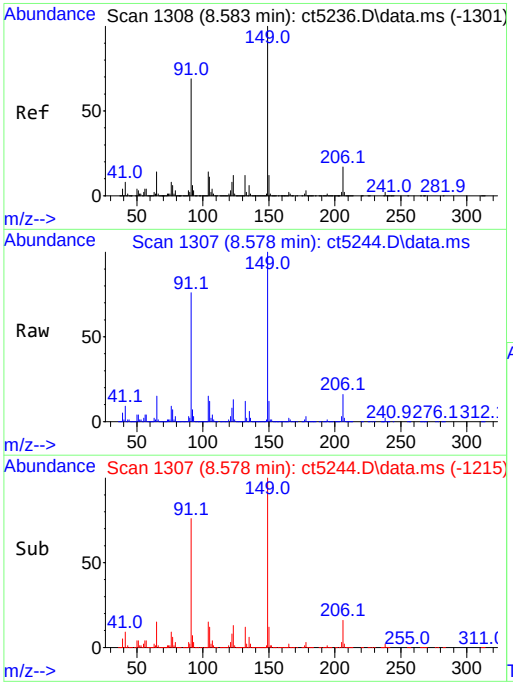


#86
Pyrene
Concen: 73.74 ppm
RT: 7.781 min Scan# 1158
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:202 Resp: 3375999

Ion	Ratio	Lower	Upper
202	100		
200	22.5	0.0	51.5
203	18.2	0.0	47.8

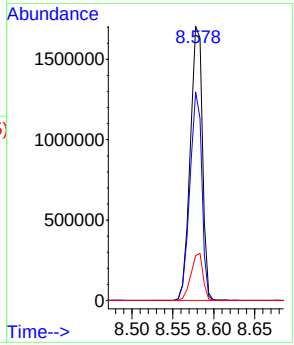


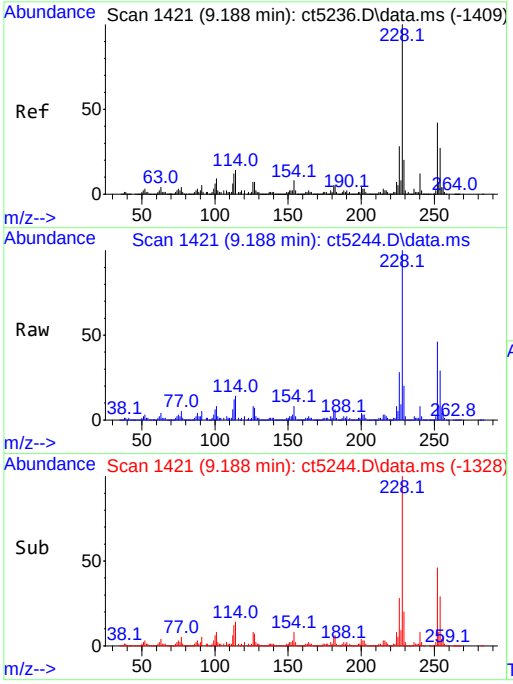


#88
Butylbenzylphthalate
Concen: 73.53 ppm
RT: 8.578 min Scan# 1307
Delta R.T. -0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:149 Resp: 1778109

Ion	Ratio	Lower	Upper
149	100		
91	76.0	39.4	99.4
206	16.4	0.0	46.7

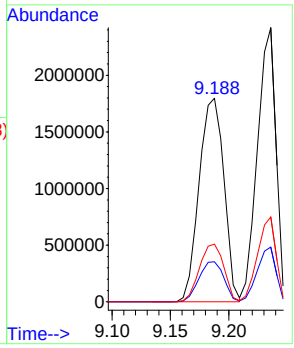


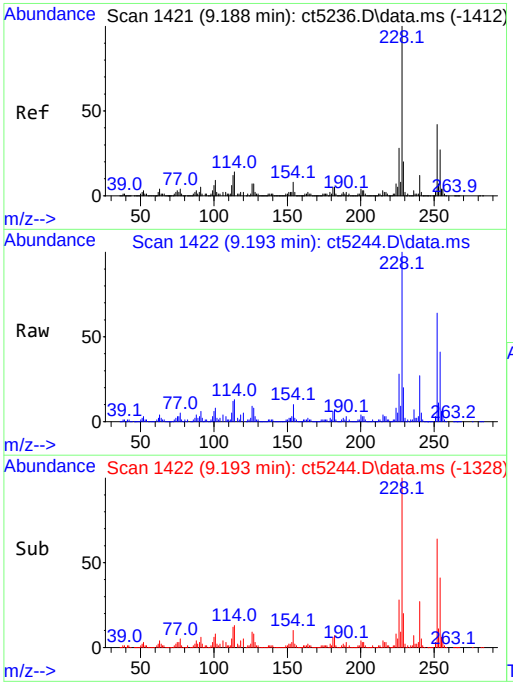


#89
Benzo[a]anthracene
Concen: 73.85 ppm
RT: 9.188 min Scan# 1421
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:228 Resp: 2650918

Ion	Ratio	Lower	Upper
228	100		
229	19.7	0.0	50.1
226	28.3	0.0	58.2

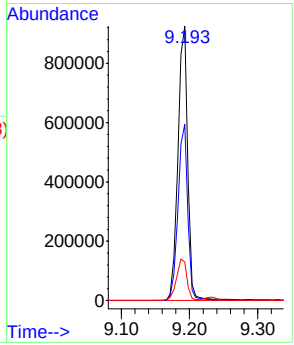


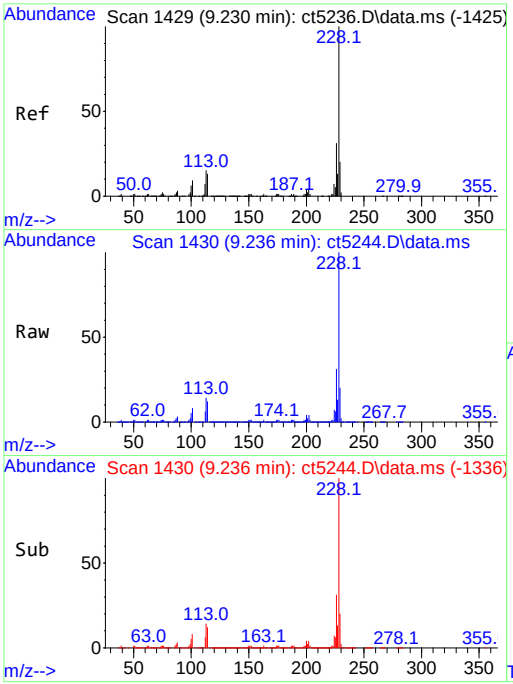


#90
3,3'-Dichlorobenzidine
Concen: 71.55 ppm
RT: 9.193 min Scan# 1422
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:252 Resp: 921723

Ion	Ratio	Lower	Upper
252	100		
254	64.2	33.8	93.8
126	14.0	0.0	47.4

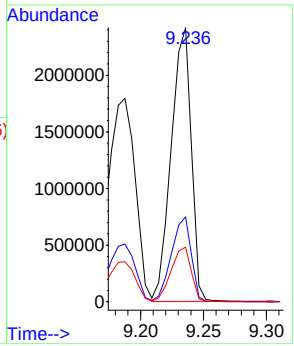


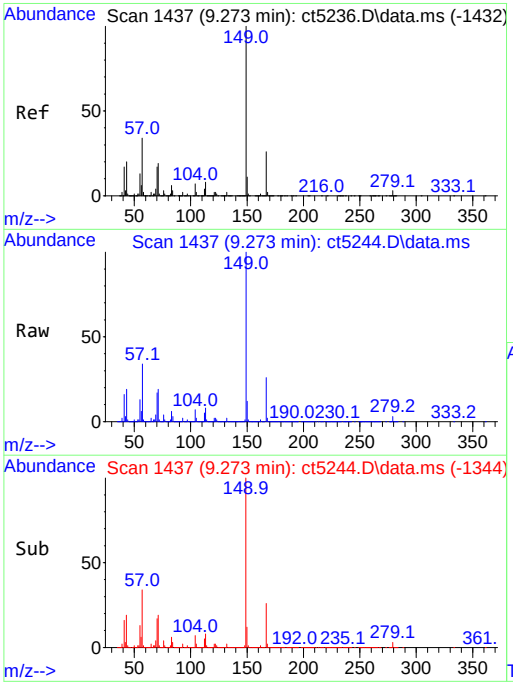


#91
Chrysene
Concen: 71.61 ppm
RT: 9.236 min Scan# 1430
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:228 Resp: 2664810

Ion	Ratio	Lower	Upper
228	100		
226	31.0	0.6	60.6
229	19.9	0.0	49.6

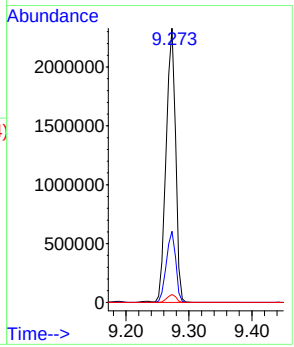


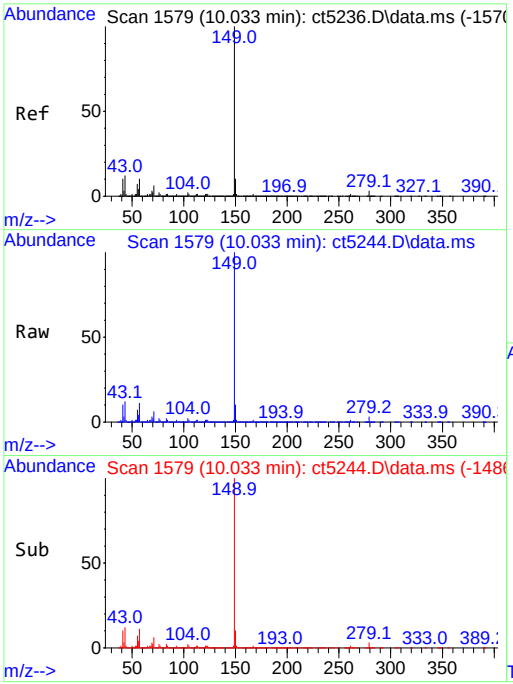


#92
bis(2-Ethylhexyl)phthalate
Concen: 73.26 ppm
RT: 9.273 min Scan# 1437
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:149 Resp: 2429344

Ion	Ratio	Lower	Upper
149	100		
167	25.9	0.0	56.2
279	2.9	0.0	32.9

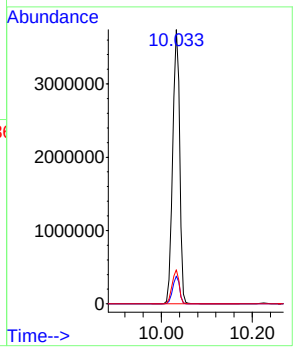


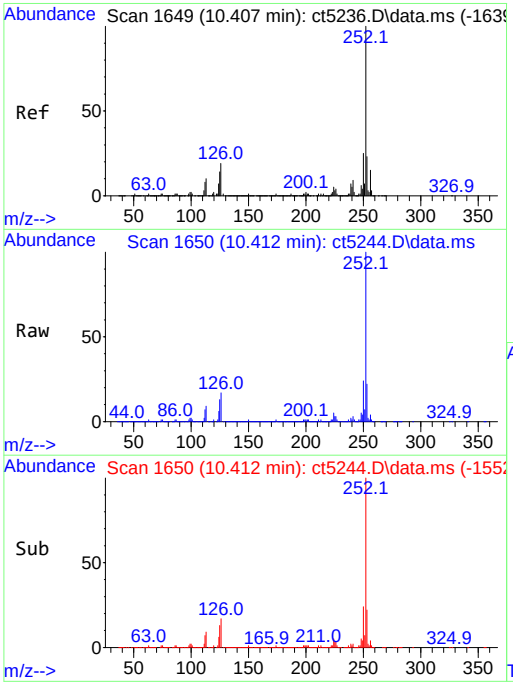


#94
Di-n-octylphthalate
Concen: 68.94 ppm
RT: 10.033 min Scan# 1579
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:149 Resp: 4020970

Ion	Ratio	Lower	Upper
149	100		
150	10.2	0.0	40.0
43	12.5	0.0	42.5

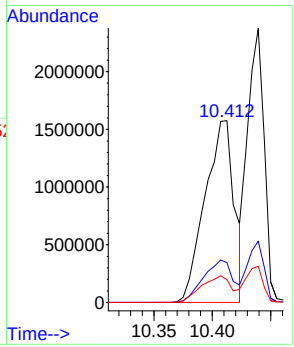


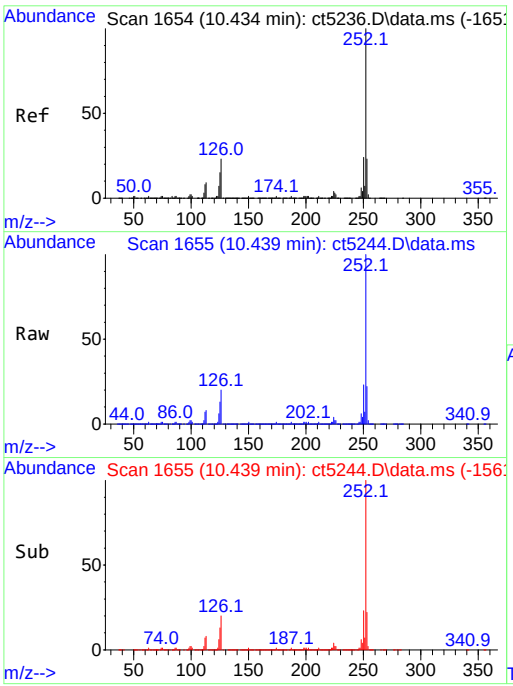


#95
Benzo[b]fluoranthene
Concen: 75.33 ppm
RT: 10.412 min Scan# 1650
Delta R.T. 0.024 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:252 Resp: 2727154

Ion	Ratio	Lower	Upper
252	100		
253	21.7	0.0	53.2
125	11.4	0.0	44.2

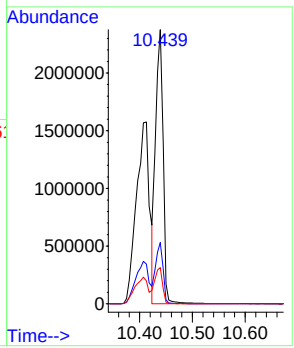


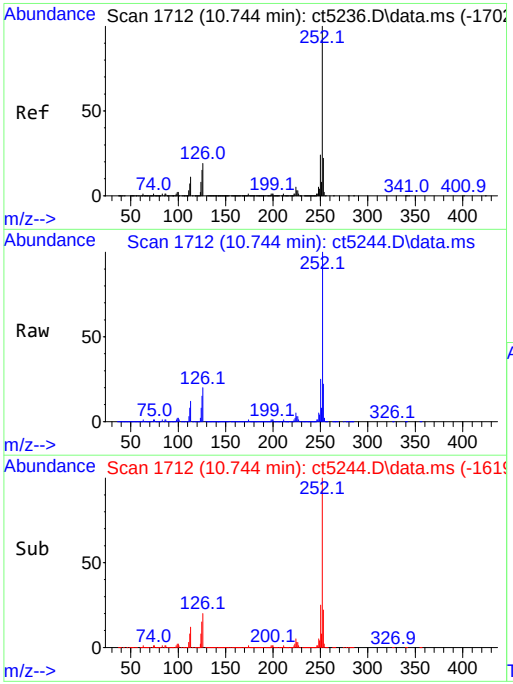


#96
Benzo[k]fluoranthene
Concen: 64.92 ppm
RT: 10.439 min Scan# 1655
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:252 Resp: 2370637

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	52.5
125	12.6	0.0	45.1

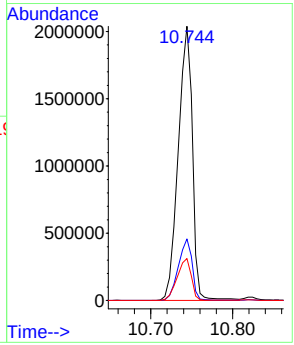


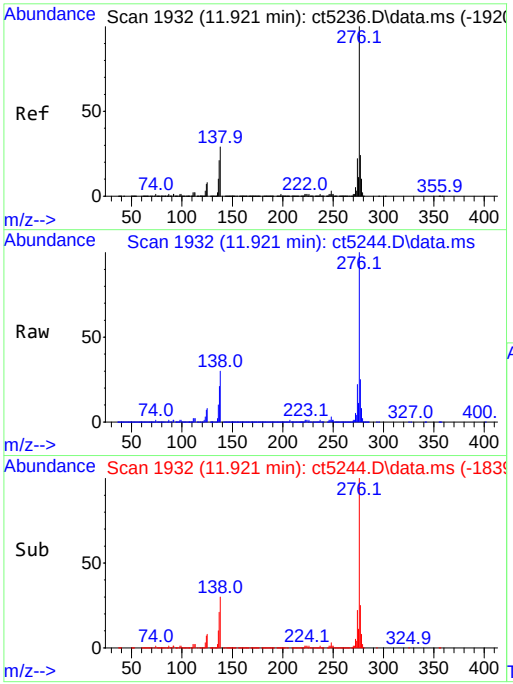


#97
Benzo[a]pyrene
Concen: 71.35 ppm
RT: 10.744 min Scan# 1712
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:252 Resp: 2454410

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	52.4
125	15.3	0.0	44.9

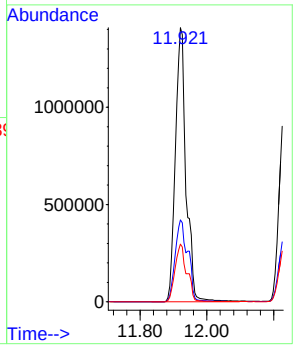


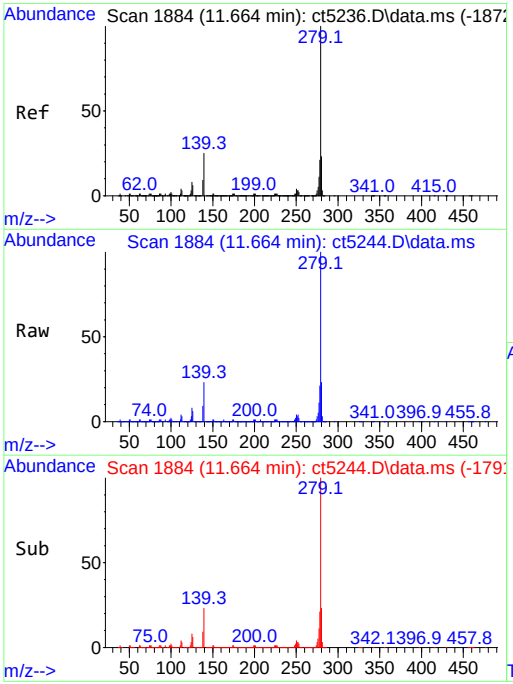


#98
Indeno[1,2,3-cd]pyrene
Concen: 72.93 ppm
RT: 11.921 min Scan# 1932
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:276 Resp: 3126021

Ion	Ratio	Lower	Upper
276	100		
138	29.9	0.0	59.2
137	21.0	0.0	50.7

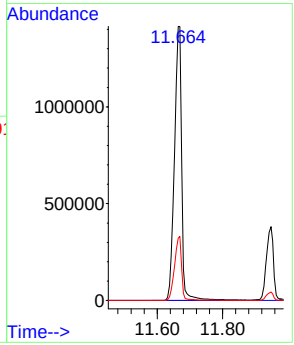


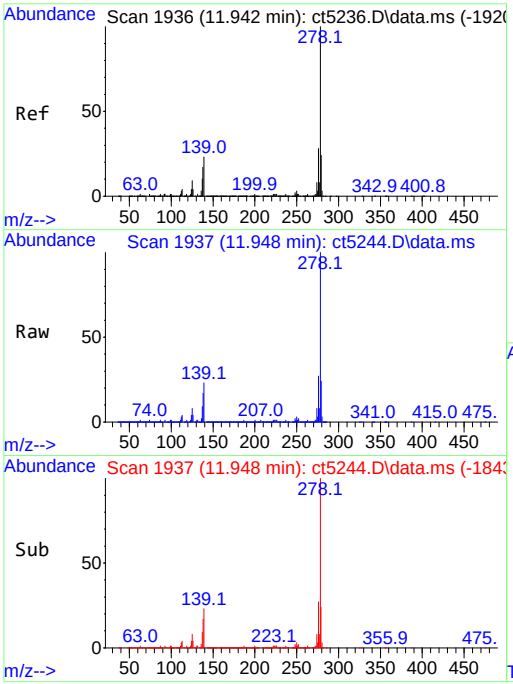


#99
Dibenz(a,h)acridine
Concen: 71.74 ppm
RT: 11.664 min Scan# 1884
Delta R.T. 0.000 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:279 Resp: 2153342

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.8	0.0	53.2

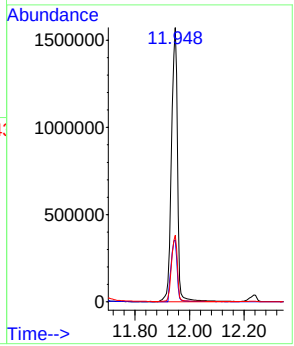


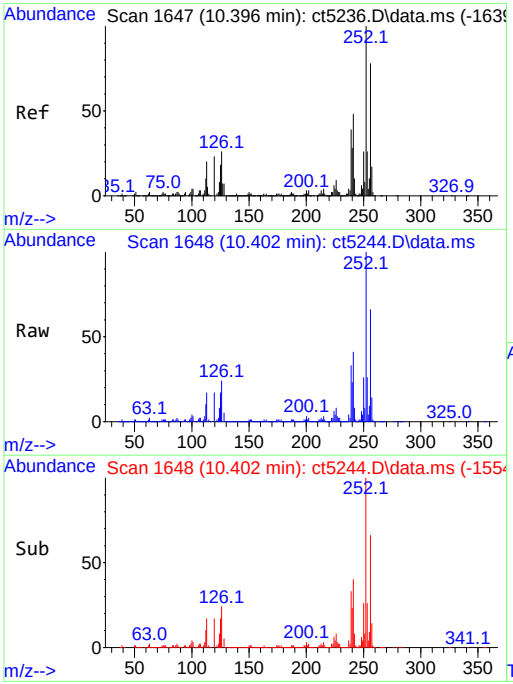


#100
Dibenz[a,h]anthracene
Concen: 70.97 ppm
RT: 11.948 min Scan# 1937
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:278 Resp: 2451312

Ion	Ratio	Lower	Upper
278	100		
139	22.5	0.0	53.3
279	24.1	0.0	53.8

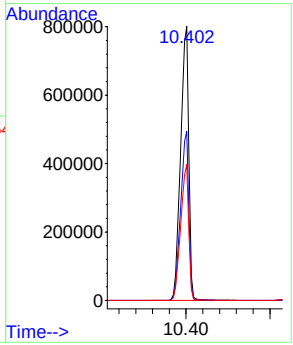


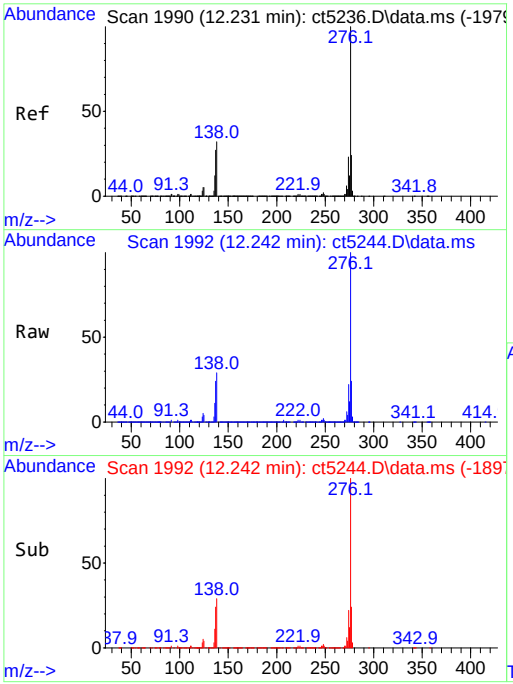


#101
7,12-Dimethylbenz(a)anthracene
Concen: 69.79 ppm
RT: 10.402 min Scan# 1648
Delta R.T. 0.005 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:256 Resp: 1082543

Ion	Ratio	Lower	Upper
256	100		
241	61.7	32.2	92.2
239	49.6	19.8	79.8

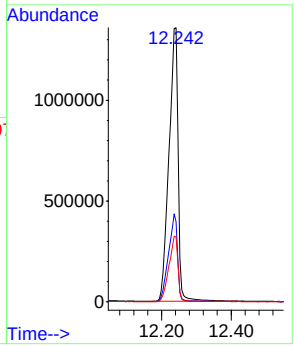




#102
Benzo[g,h,i]perylene
Concen: 74.15 ppm
RT: 12.242 min Scan# 1992
Delta R.T. 0.011 min
Lab File: ct5244.D
Acq: 15 Feb 2024 02:04 pm

Tgt Ion:276 Resp: 2491273

Ion	Ratio	Lower	Upper
276	100		
138	29.2	1.8	61.8
277	23.6	0.0	53.9



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5245.D
Acq On : 15 Feb 2024 02:22 pm
Operator : jackleey
Sample : ic266-100
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 16 09:23:18 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.208	152	451079	40.00	ppm	0.00
24) Naphthalene-d8	3.893	136	1741981	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	957756	40.00	ppm	0.00
69) Phenanthrene-d10	6.246	188	1719107	40.00	ppm	0.00
84) Chrysene-d12	9.204	240	1045573	40.00	ppm	0.00
93) Perylene-d12	10.798	264	1240445	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.208	152	451079	40.00	ppm	0.00
105) Phenanthrene-d10a	6.246	188	1719107	40.00	ppm	0.00
107) Naphthalene-d8a	3.893	136	1741981	40.00	ppm	0.00
109) Phenanthrene-d10b	6.246	188	1719107	40.00	ppm	0.00
112) Chrysene-d12a	9.204	240	1045573	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.529	112	1522599	88.63	ppm	0.00
Spiked Amount 50.000			Recovery = 177.26%			
8) Phenol-d5	3.010	99	1647560	84.30	ppm	0.00
Spiked Amount 50.000			Recovery = 168.60%			
25) Nitrobenzene-d5	3.513	82	1542147	83.31	ppm	0.00
Spiked Amount 50.000			Recovery = 166.62%			
51) 2-Fluorobiphenyl	4.513	172	2381974	77.59	ppm	0.00
Spiked Amount 50.000			Recovery = 155.18%			
74) 2,4,6-Tribromophenol	5.604	330	370024	83.03	ppm	0.00
Spiked Amount 50.000			Recovery = 166.06%			
87) Terphenyl-d14	7.979	244	2712386	86.87	ppm	0.00
Spiked Amount 50.000			Recovery = 173.74%			
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.705	88	689310	91.03	ppm	99
3) Pyridine	1.887	79	1890567	90.45	ppm	97
4) N-Nitrosodimethylamine	1.871	74	950858	89.13	ppm	98
6) Indene	3.342	116	1820650	73.45	ppm	100
7) Cumene	2.785	105	2838018	84.16	ppm	99
9) Phenol	3.015	94	1722893	83.78	ppm	90
10) Aniline	3.037	93	2385641	86.62	ppm	97
11) bis(2-Chloroethyl)ether	3.069	93	1373091	84.88	ppm	98
12) 2-Chlorophenol	3.101	128	1295320	83.61	ppm	96
13) Decane	3.090	43	1540502	75.92	ppm	95
14) 1,3-Dichlorobenzene	3.176	146	1463117	81.75	ppm	99
15) 1,4-Dichlorobenzene	3.213	146	1423952	80.94	ppm	100
16) Benzyl alcohol	3.283	108	974991	84.19	ppm	99
17) 1,2-Dichlorobenzene	3.293	146	1384536	81.36	ppm	99
18) Acetophenone	3.427	105	1498819	72.17	ppm	91
19) 2-Methylphenol	3.331	108	1150844	77.54	ppm	99
20) 2,2'-oxybis(1-Chloropr...	3.336	121	312222	74.28	ppm #	90
21) 3&4-Methylphenol	3.422	108	2074604	160.45	ppm	98
22) n-Nitroso-di-n-propyla...	3.433	70	857182	87.03	ppm	96
23) Hexachloroethane	3.470	201	477473	82.78	ppm	96
26) Nitrobenzene	3.523	77	1489567	80.93	ppm	96
27) Quinoline	4.106	129	2751152	83.40	ppm	99
28) Isophorone	3.647	82	2757886	84.78	ppm	100
29) 2-Nitrophenol	3.689	139	629258	76.36	ppm	73
30) 2,4-Dimethylphenol	3.700	107	1380468	80.75	ppm	97

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5245.D
Acq On : 15 Feb 2024 02:22 pm
Operator : jackleey
Sample : ic266-100
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 16 09:23:18 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Benzoic acid	3.796	105	1407160	90.88	ppm		99
32) bis(2-Chloroethoxy)met...	3.753	93	1602800	80.37	ppm		99
33) 2,4-Dichlorophenol	3.818	162	1084563	80.44	ppm		95
34) 2,6-Dichlorophenol	3.935	162	910712	76.90	ppm		99
35) 1,3,5-Trichlorobenzene	3.684	180	1030576	76.69	ppm		99
36) 1,2,4-Trichlorobenzene	3.855	180	1082380	79.75	ppm		100
37) 1,2,3-Trichlorobenzene	3.983	180	1033006	78.07	ppm		99
38) Naphthalene	3.909	128	3352934	75.19	ppm		99
39) 4-Chloroaniline	3.941	127	1374009	73.86	ppm		97
40) 2,3-Dichloroaniline	4.470	161	1121953	76.83	ppm		96
41) Hydroquinone	4.117	110	1337179	77.46	ppm		98
42) Hexachlorobutadiene	3.957	225	548939	77.69	ppm		98
43) 4-Chloro-3-methylphenol	4.197	107	1211853	81.24	ppm	#	34
44) 2-Methylnaphthalene	4.294	141	2022220	77.11	ppm		98
45) 1-Methylnaphthalene	4.353	141	2126806	77.78	ppm		99
47) Hexachlorocyclopentadiene	4.374	237	1103600	164.42	ppm		99
48) 1,2,4,5-tetrachloroben...	4.390	216	952858	79.21	ppm		100
49) 2,4,6-Trichlorophenol	4.465	196	639486	78.81	ppm		96
50) 2,4,5-Trichlorophenol	4.486	196	781366	80.61	ppm		100
52) 2-Chloronaphthalene	4.599	162	2195481	80.43	ppm		98
53) Biphenyl	4.577	154	2692012	77.50	ppm		99
54) 2-Nitroaniline	4.673	65	939498	86.37	ppm		92
55) Dimethylphthalate	4.780	163	2678877	82.41	ppm		100
56) Acenaphthylene	4.877	152	3452128	79.25	ppm		98
57) 2,6-Dinitrotoluene	4.834	165	645696	84.69	ppm		94
58) 3-Nitroaniline	4.962	138	826790	85.67	ppm		96
59) Acenaphthene	5.000	153	2265820	80.28	ppm		99
60) 2,4-Dinitrophenol	5.043	184	806370	177.41	ppm	#	44
61) 4-Nitrophenol	5.080	109	462488	87.99	ppm		97
62) Dibenzofuran	5.128	168	2769675	75.82	ppm		99
63) 2,4-Dinitrotoluene	5.133	165	718382	77.51	ppm		97
64) 2,3,4,6-Tetrachlorophenol	5.219	232	615284	83.13	ppm		99
65) Diethylphthalate	5.299	149	2758510	81.78	ppm		99
66) Fluorene	5.401	166	2239549	77.51	ppm		100
67) 4-Chlorophenyl-phenyle...	5.396	204	973749	77.76	ppm		99
68) 4-Nitroaniline	5.449	138	831579	87.13	ppm		99
70) 4,6-Dinitro-2-methylph...	5.460	198	495709	84.01	ppm	#	62
71) n-Nitrosodiphenylamine	5.503	169	2194133	80.15	ppm		99
72) 1,2-Diphenylhydrazine	5.529	77	2891811	80.11	ppm		100
73) pentachloronitrobenzene	6.064	295	115535	82.33	ppm		98
75) 4-Bromophenyl-phenylether	5.823	248	644296	80.93	ppm		91
76) Hexachlorobenzene	5.866	284	724206	81.23	ppm		90
77) Pentachlorophenol	6.059	266	798491	159.65	ppm		99
78) Phenanthrene	6.273	178	3564244	78.80	ppm		99
79) Anthracene	6.326	178	3669108	78.55	ppm		99
80) Carbazole	6.497	167	3729641	80.72	ppm		98
81) Di-n-butylphthalate	6.856	149	4639811	79.51	ppm		98
82) Fluoranthene	7.530	202	3869415	80.78	ppm		98
83) Octadecane	6.118	57	2352345	76.53	ppm		96
85) benzidine	7.717	184	2723150	89.89	ppm		99
86) Pyrene	7.781	202	3979188	88.05	ppm		99
88) Butylbenzylphthalate	8.583	149	2143905	89.80	ppm		97
89) Benzo[a]anthracene	9.188	228	3068345	86.59	ppm		100
90) 3,3'-Dichlorobenzidine	9.193	252	1071551	84.27	ppm		98
91) Chrysene	9.236	228	3168247	86.25	ppm		99
92) bis(2-Ethylhexyl)phtha...	9.273	149	2887347	88.21	ppm		99
94) Di-n-octylphthalate	10.033	149	4742314	79.59	ppm		99

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5245.D
Acq On : 15 Feb 2024 02:22 pm
Operator : jackleey
Sample : ic266-100
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 16 09:23:18 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

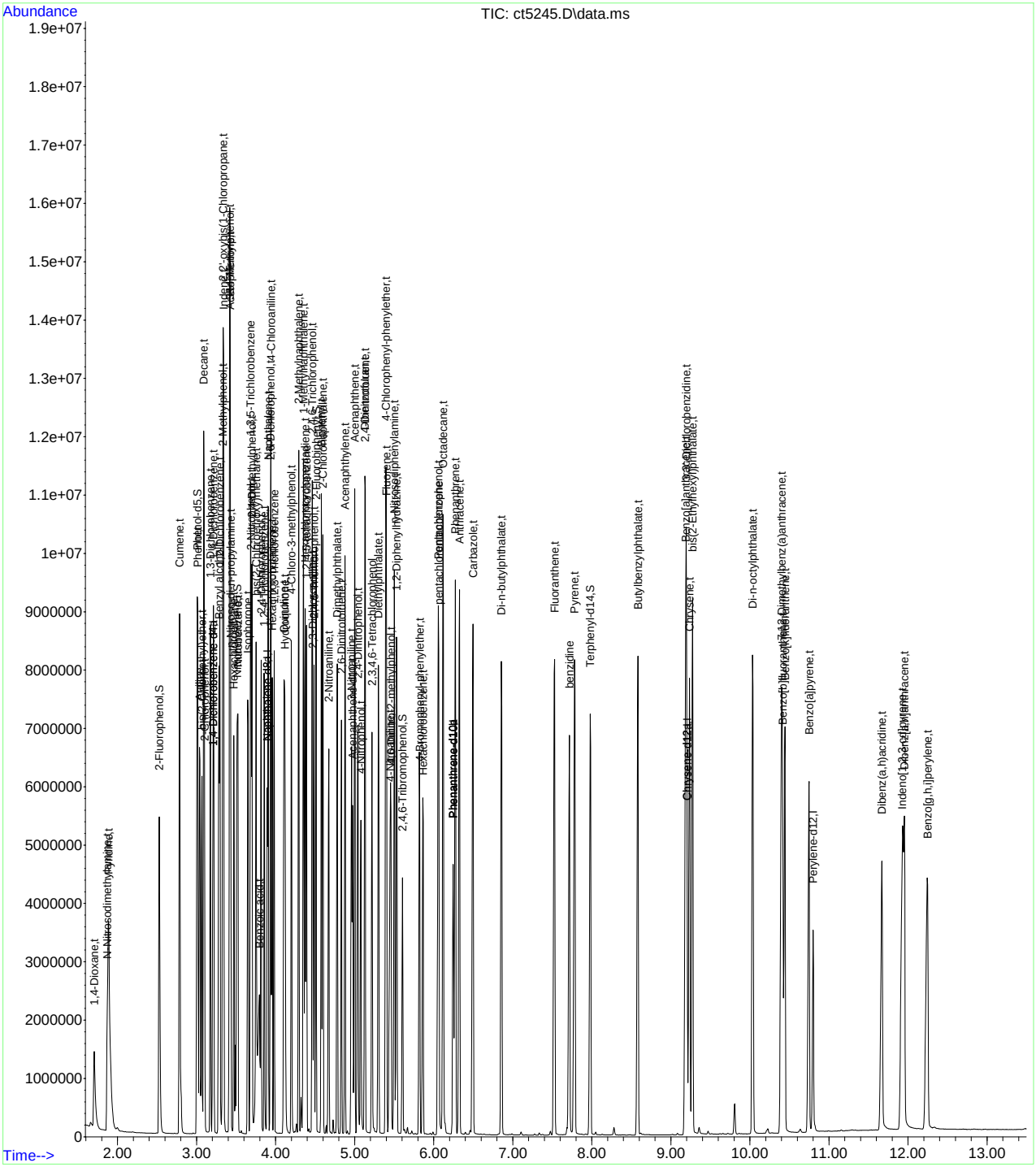
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	Benzo[b]fluoranthene	10.413	252	3058149	82.69	ppm	98
96)	Benzo[k]fluoranthene	10.445	252	2949460	79.07	ppm	98
97)	Benzo[a]pyrene	10.750	252	2911053	82.85	ppm	99
98)	Indeno[1,2,3-cd]pyrene	11.926	276	3819869	87.24	ppm	99
99)	Dibenz(a,h)acridine	11.670	279	2657078	86.66	ppm	100
100)	Dibenz[a,h]anthracene	11.953	278	2933428	83.14	ppm	99
101)	7,12-Dimethylbenz(a)an...	10.402	256	1299841	82.03	ppm	99
102)	Benzo[g,h,i]perylene	12.247	276	3017034	87.91	ppm	97

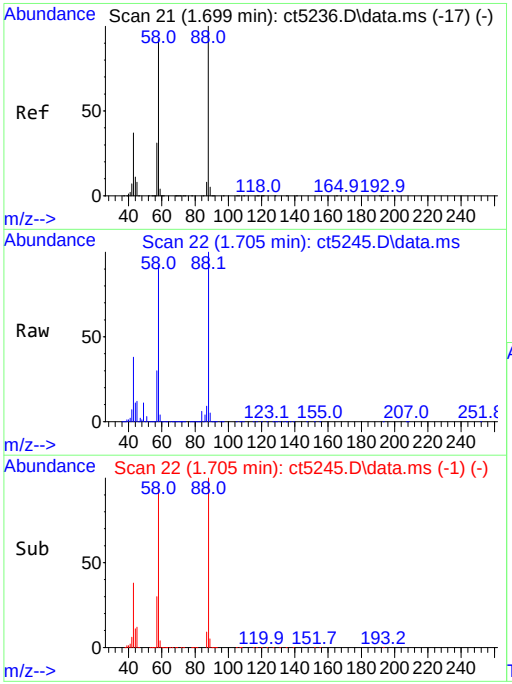
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5245.D
Acq On : 15 Feb 2024 02:22 pm
Operator : jackleey
Sample : ic266-100
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 16 09:23:18 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:09:34 2024
Response via : Initial Calibration

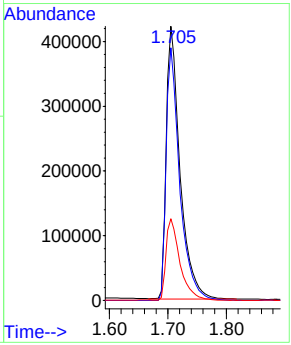


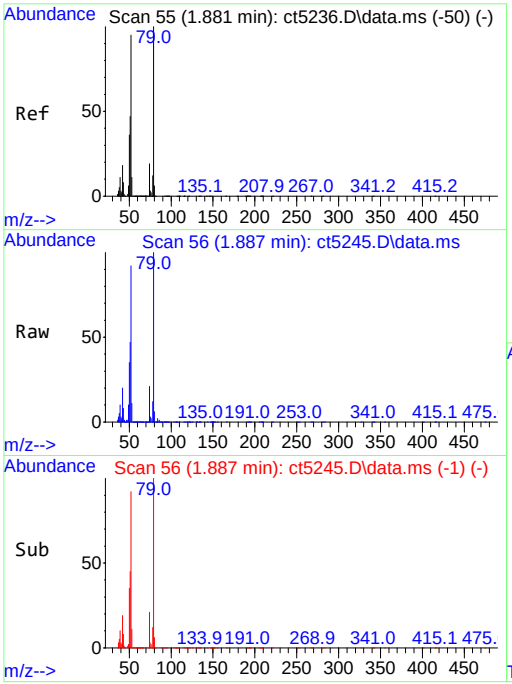


#2
1,4-Dioxane
Concen: 91.03 ppm
RT: 1.705 min Scan# 22
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 88 Resp: 689310

Ion	Ratio	Lower	Upper
88	100		
58	92.5	61.7	121.7
57	29.9	1.2	61.2

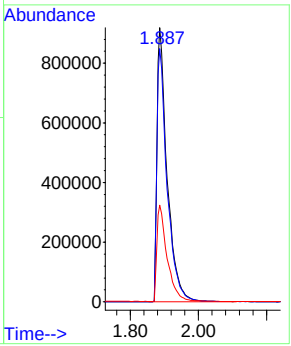


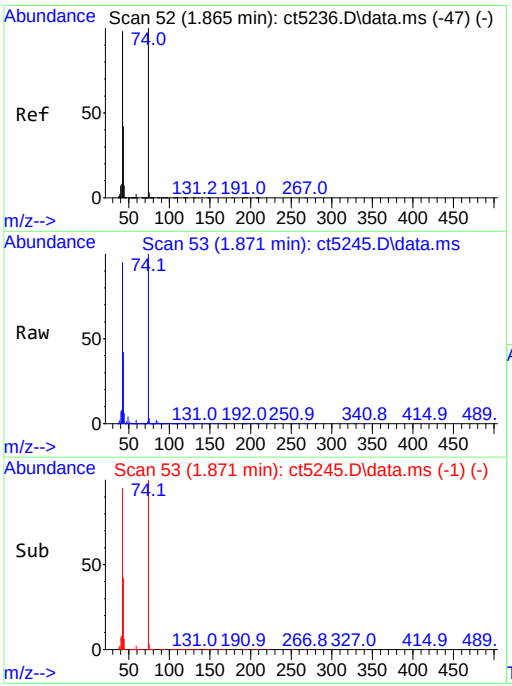


#3
Pyridine
Concen: 90.45 ppm
RT: 1.887 min Scan# 56
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 79 Resp: 1890567

Ion	Ratio	Lower	Upper
79	100		
52	92.3	65.5	125.5
50	35.1	5.9	65.9

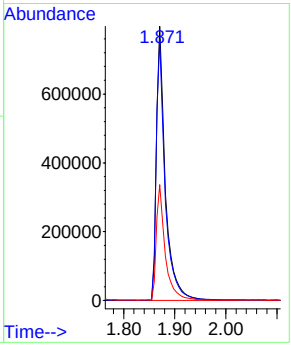


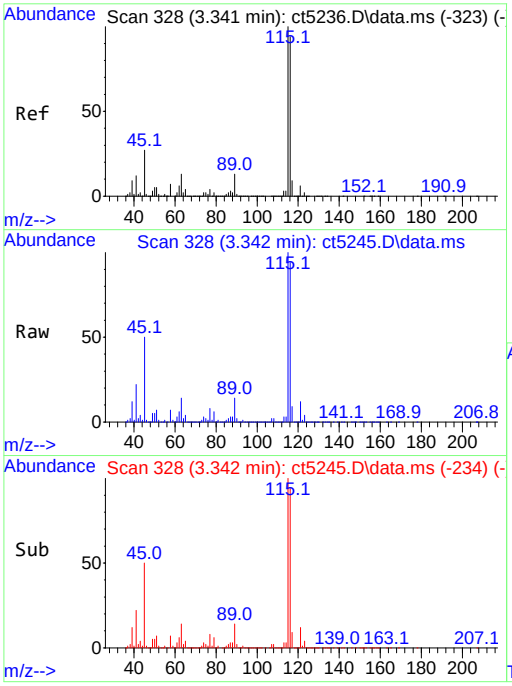


#4
N-Nitrosodimethylamine
Concen: 89.13 ppm
RT: 1.871 min Scan# 53
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 74 Resp: 950858

Ion	Ratio	Lower	Upper
74	100		
42	95.1	68.1	128.1
43	42.1	12.5	72.5

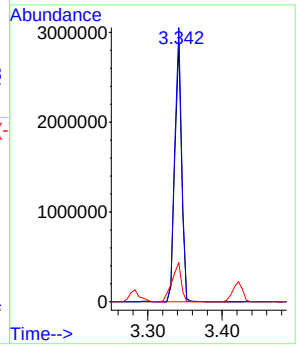


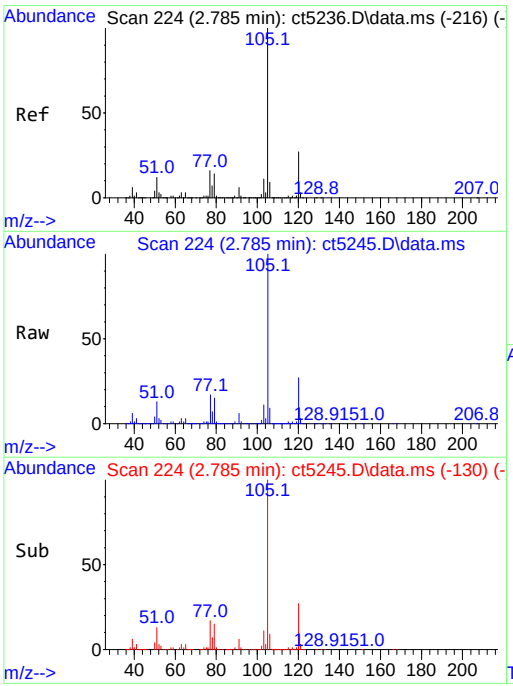


#6
Indene
Concen: 73.45 ppm
RT: 3.342 min Scan# 328
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:116 Resp: 1820650

Ion	Ratio	Lower	Upper
116	100		
115	106.3	76.2	136.2
63	12.7	0.0	44.0

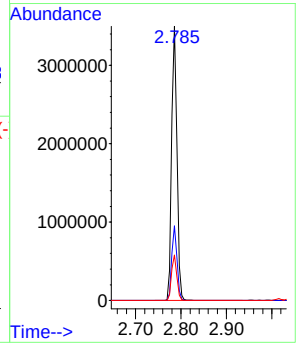


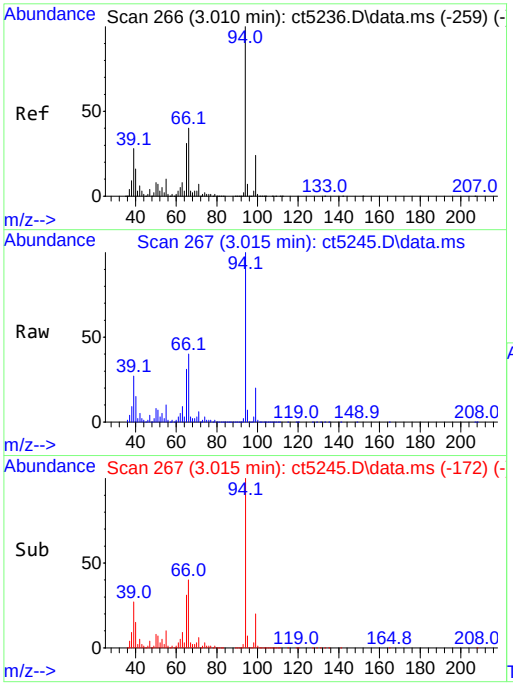


#7
Cumene
Concen: 84.16 ppm
RT: 2.785 min Scan# 224
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:105 Resp: 2838018

Ion	Ratio	Lower	Upper
105	100		
120	27.2	0.0	57.0
77	16.6	0.0	45.8

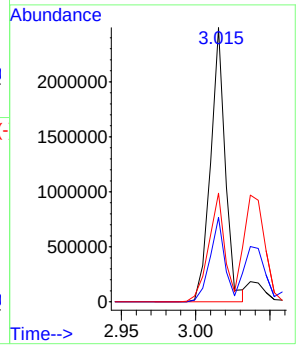


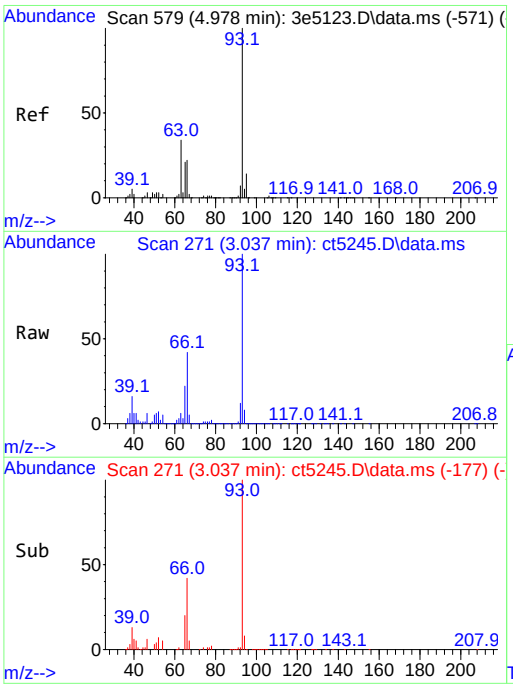


#9
Phenol
Concen: 83.78 ppm
RT: 3.015 min Scan# 267
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 94 Resp: 1722893

Ion	Ratio	Lower	Upper
94	100		
65	26.1	0.0	59.7
66	30.4	8.2	68.2

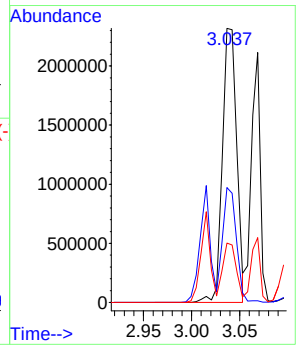


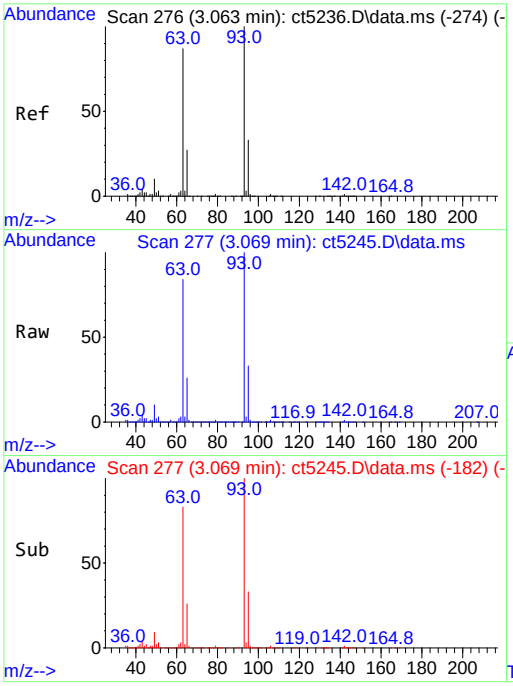


#10
Aniline
Concen: 86.62 ppm
RT: 3.037 min Scan# 271
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 93 Resp: 2385641

Ion	Ratio	Lower	Upper
93	100		
66	42.3	10.4	70.4
65	21.8	0.0	50.8

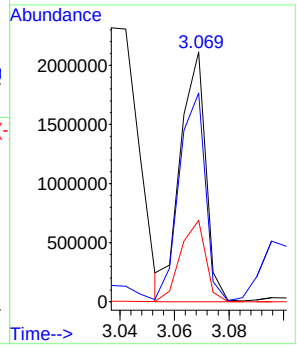


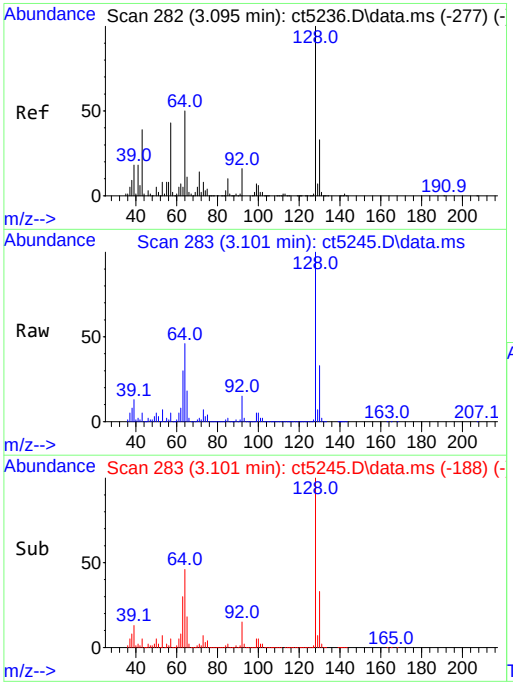


#11
bis(2-Chloroethyl)ether
Concen: 84.88 ppm
RT: 3.069 min Scan# 277
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 93 Resp: 1373091

Ion	Ratio	Lower	Upper
93	100		
63	87.6	55.8	115.8
95	34.5	2.8	62.8

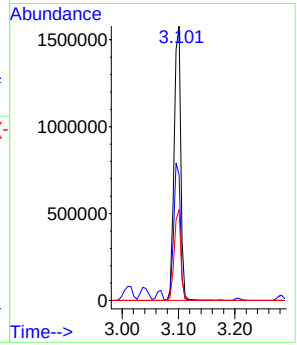


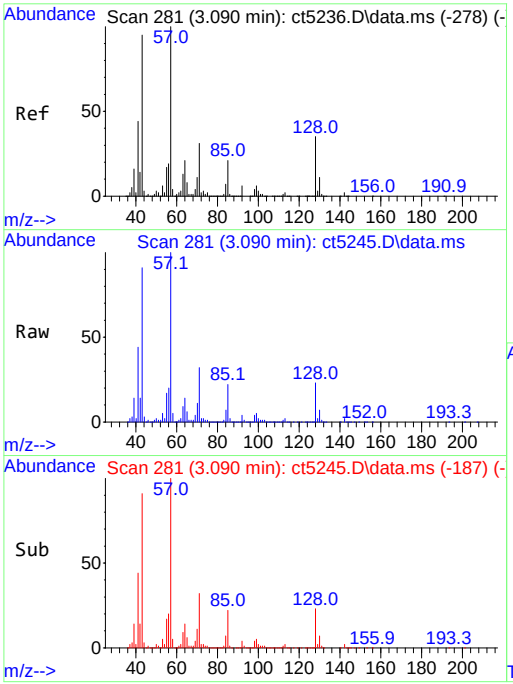


#12
2-Chlorophenol
Concen: 83.61 ppm
RT: 3.101 min Scan# 283
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:128 Resp: 1295320

Ion	Ratio	Lower	Upper
128	100		
64	45.5	20.1	80.1
130	33.2	3.0	63.0

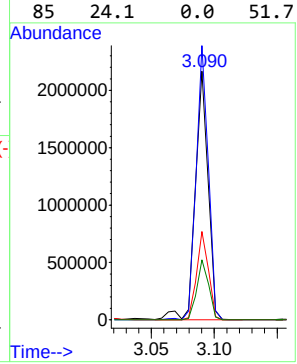


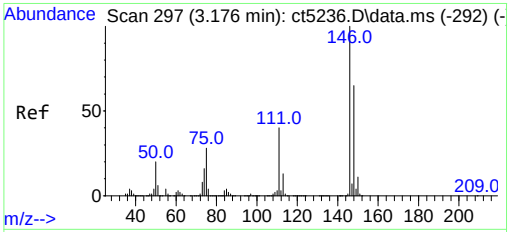


#13
Decane
Concen: 75.92 ppm
RT: 3.090 min Scan# 281
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 43 Resp: 1540502

Ion	Ratio	Lower	Upper
43	100		
57	110.4	74.9	134.9
71	35.6	2.5	62.5
85	24.1	0.0	51.7

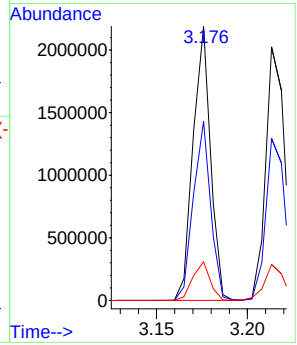


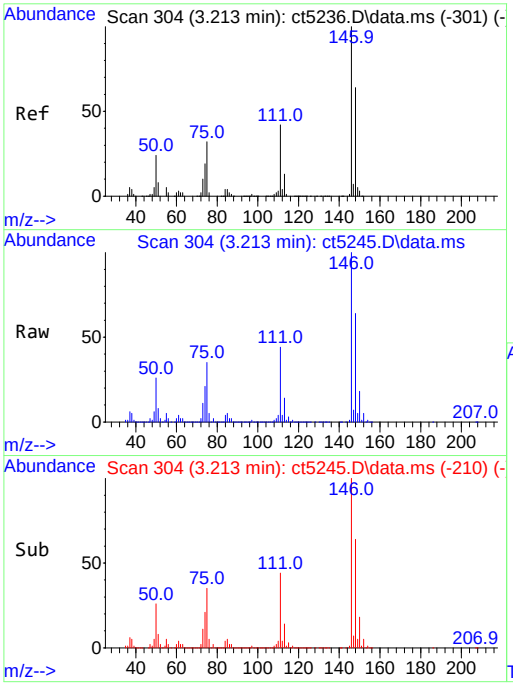


#14
1,3-Dichlorobenzene
Concen: 81.75 ppm
RT: 3.176 min Scan# 297
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:146 Resp: 1463117

Ion	Ratio	Lower	Upper
146	100		
148	65.4	34.7	94.7
113	14.0	0.0	42.9

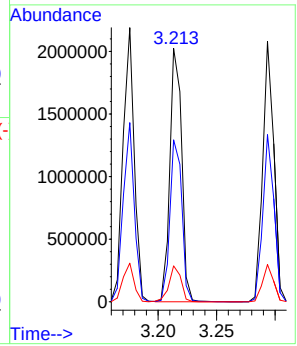


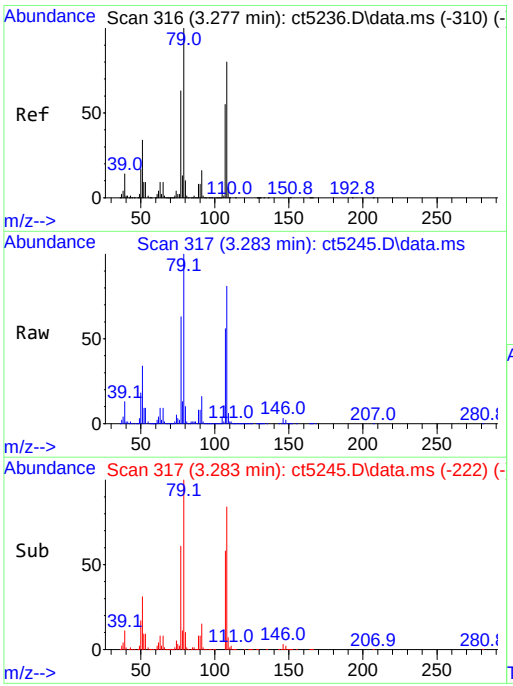


#15
1,4-Dichlorobenzene
Concen: 80.94 ppm
RT: 3.213 min Scan# 304
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:146 Resp: 1423952

Ion	Ratio	Lower	Upper
146	100		
148	63.9	34.0	94.0
113	14.1	0.0	43.5

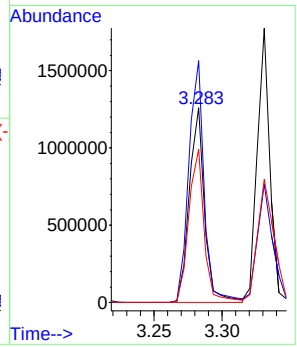


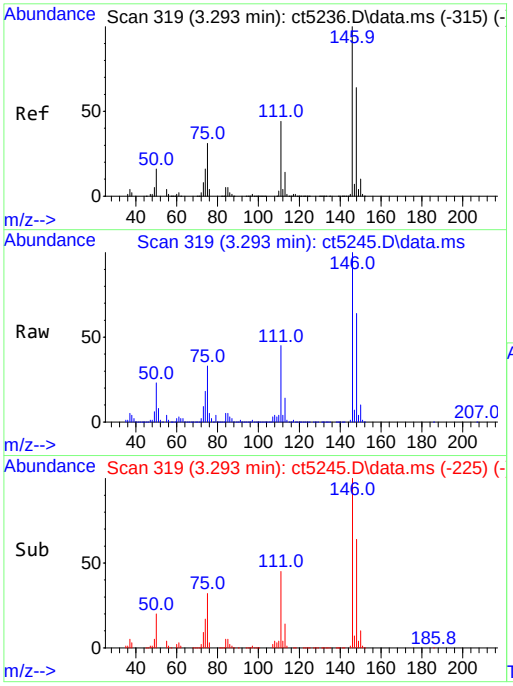


#16
Benzyl alcohol
Concen: 84.19 ppm
RT: 3.283 min Scan# 317
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:108 Resp: 974991

Ion	Ratio	Lower	Upper
108	100		
79	124.1	95.0	155.0
77	78.5	49.3	109.3

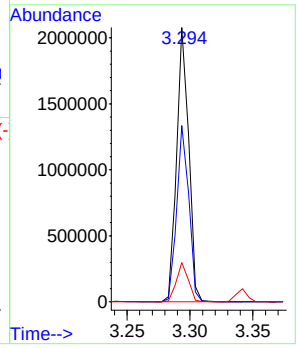


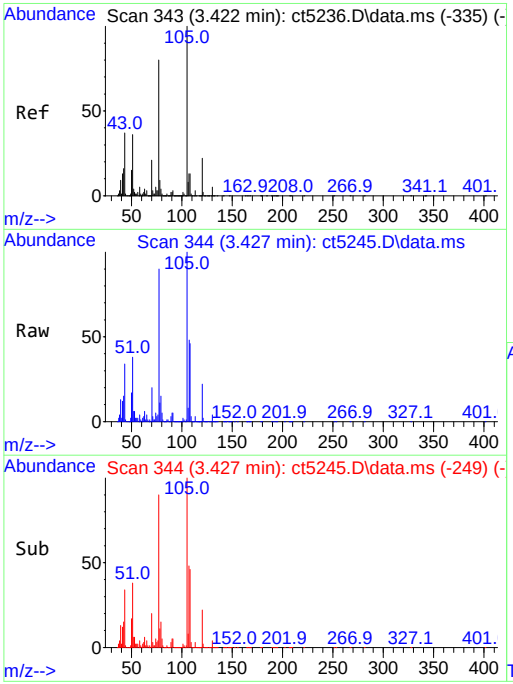


#17
1,2-Dichlorobenzene
Concen: 81.36 ppm
RT: 3.293 min Scan# 319
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:146 Resp: 1384536

Ion	Ratio	Lower	Upper
146	100		
148	64.3	34.2	94.2
113	11.9	0.0	44.1

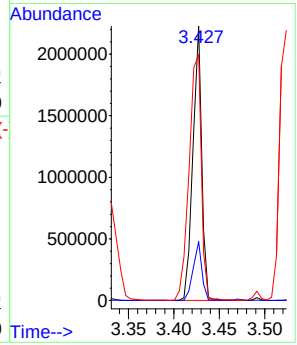


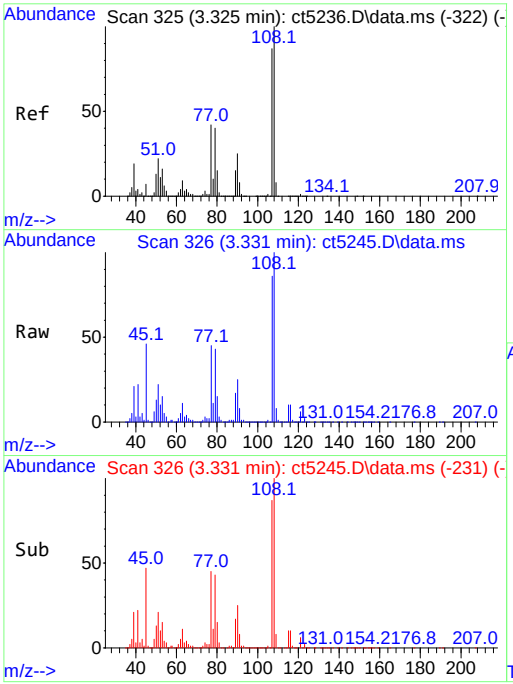


#18
Acetophenone
Concen: 72.17 ppm
RT: 3.427 min Scan# 344
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:105 Resp: 1498819

Ion	Ratio	Lower	Upper
105	100		
120	21.4	0.0	51.5
77	89.5	49.8	109.8

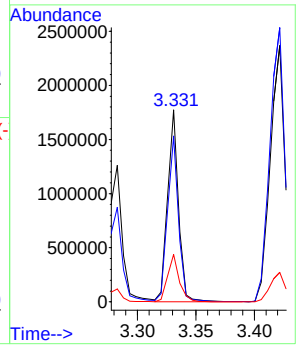


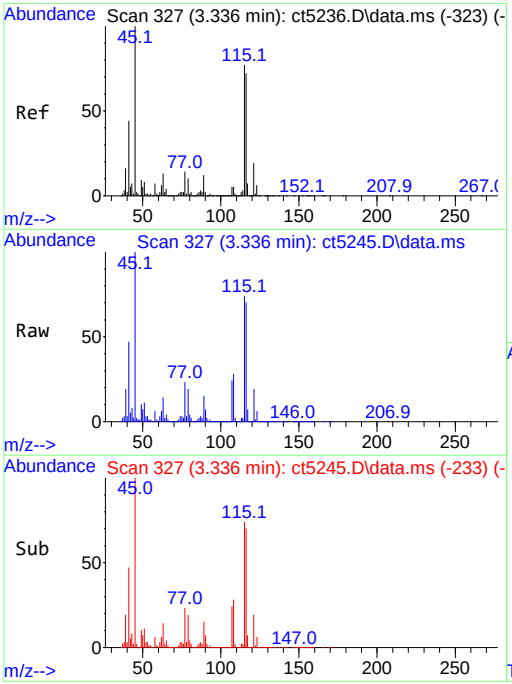


#19
2-Methylphenol
Concen: 77.54 ppm
RT: 3.331 min Scan# 326
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:108 Resp: 1150844

Ion	Ratio	Lower	Upper
108	100		
107	86.4	57.1	117.1
90	24.7	0.0	54.8

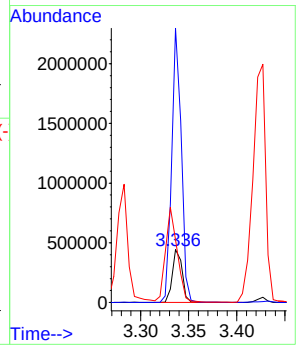


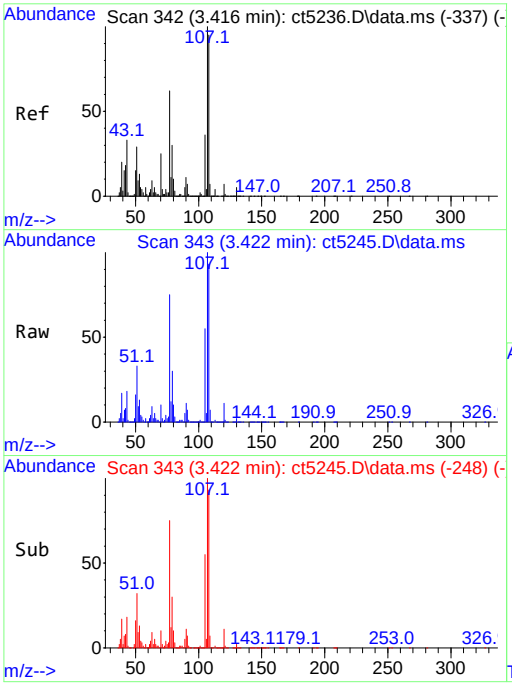


#20
2,2'-oxybis(1-Chloropropane
Concen: 74.28 ppm
RT: 3.336 min Scan# 327
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:121 Resp: 312222

Ion	Ratio	Lower	Upper
121	100		
45	519.6	508.3	568.3
77	108.2	44.5	104.5#

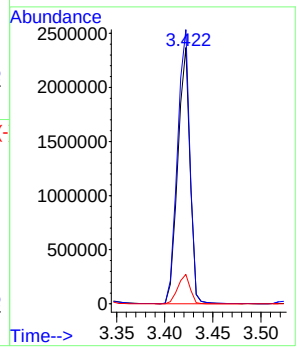


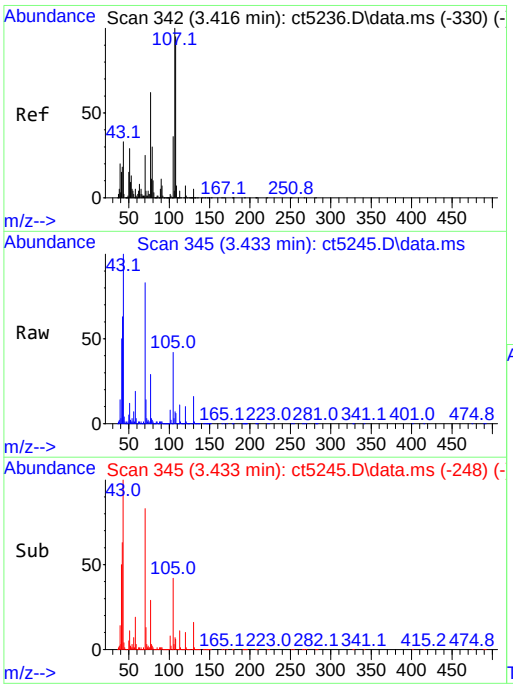


#21
3&4-Methylphenol
Concen: 160.45 ppm
RT: 3.422 min Scan# 343
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:108 Resp: 2074604

Ion	Ratio	Lower	Upper
108	100		
107	107.1	74.9	134.9
90	11.5	0.0	41.4

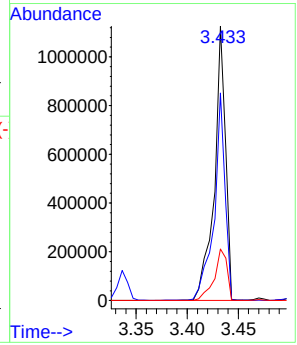


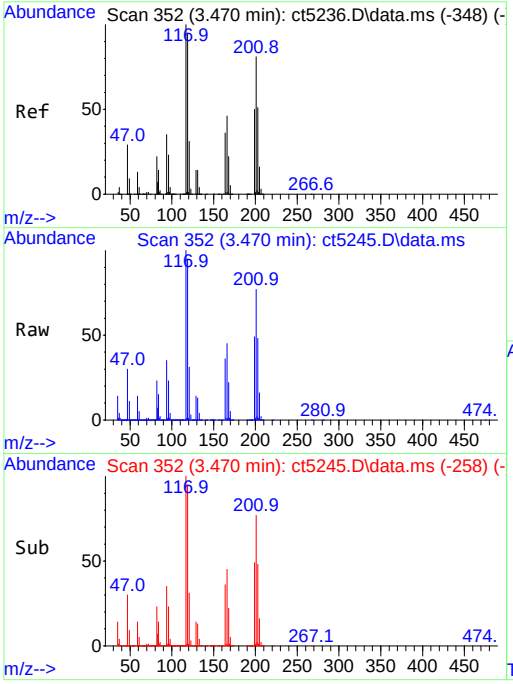


#22
n-Nitroso-di-n-propylamine
Concen: 87.03 ppm
RT: 3.433 min Scan# 345
Delta R.T. 0.016 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 70 Resp: 857182

Ion	Ratio	Lower	Upper
70	100		
42	75.6	42.3	102.3
130	18.8	0.0	50.5

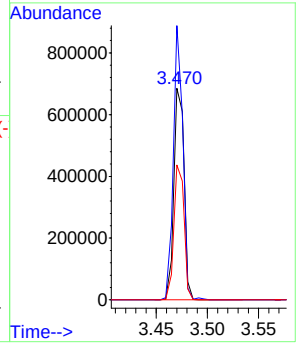


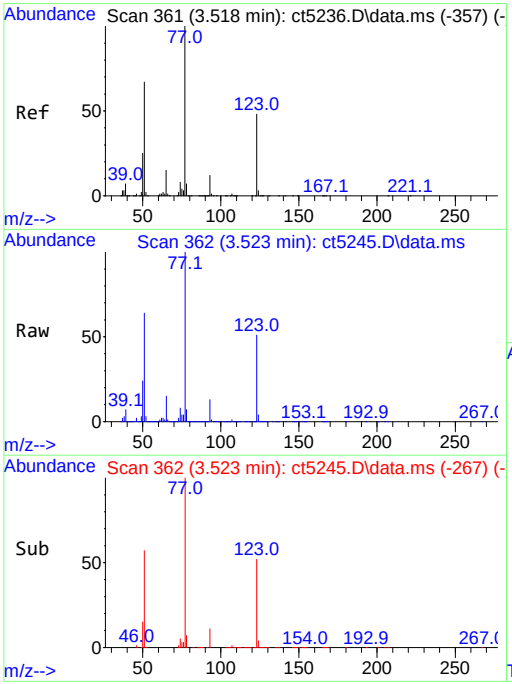


#23
Hexachloroethane
Concen: 82.78 ppm
RT: 3.470 min Scan# 352
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:201 Resp: 477473

Ion	Ratio	Lower	Upper
201	100		
117	129.7	93.9	153.9
199	63.8	32.2	92.2

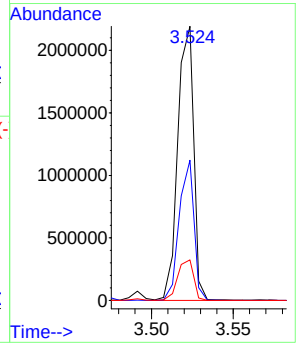


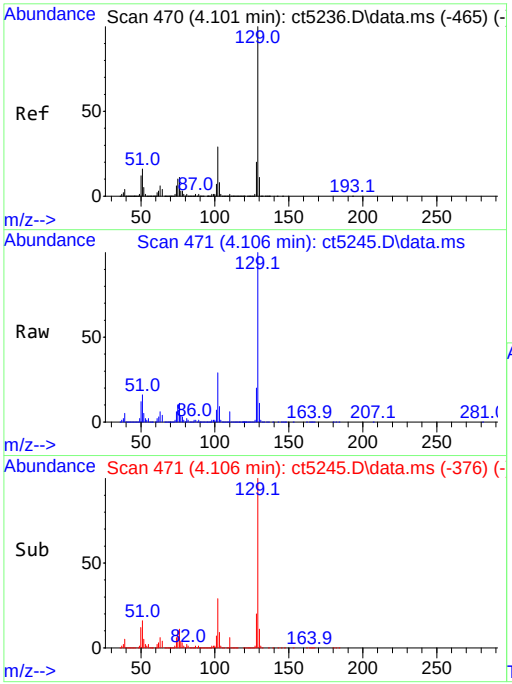


#26
Nitrobenzene
Concen: 80.93 ppm
RT: 3.523 min Scan# 362
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 77 Resp: 1489567

Ion	Ratio	Lower	Upper
77	100		
123	51.2	18.0	78.0
65	14.8	0.0	44.7

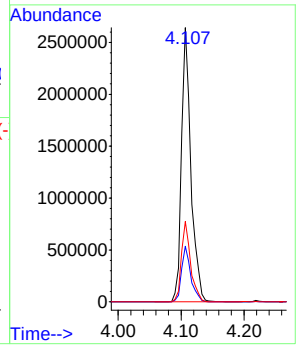


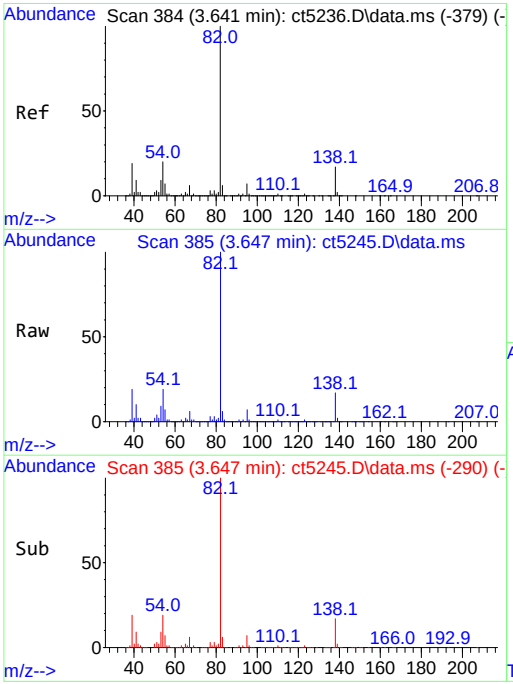


#27
Quinoline
Concen: 83.40 ppm
RT: 4.106 min Scan# 471
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:129 Resp: 2751152

Ion	Ratio	Lower	Upper
129	100		
128	20.2	0.0	49.7
102	29.2	0.0	58.7

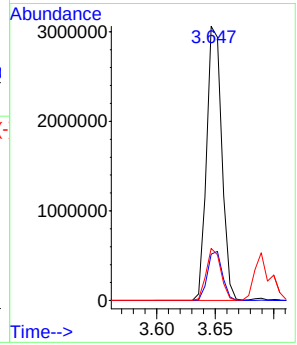


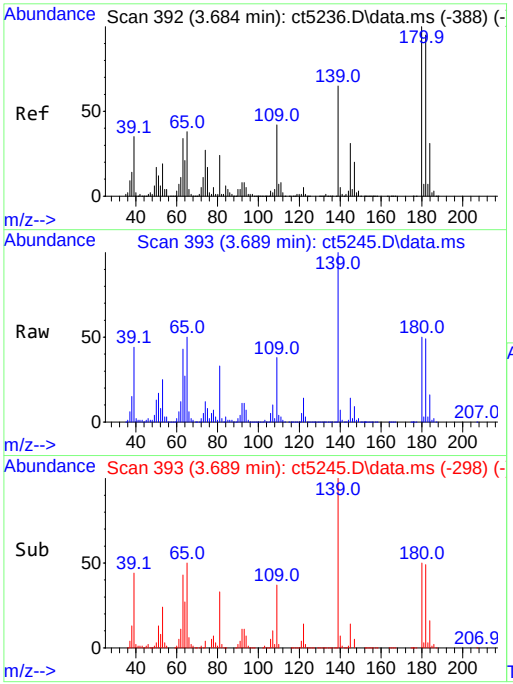


#28
Isophorone
Concen: 84.78 ppm
RT: 3.647 min Scan# 385
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 82 Resp: 2757886

Ion	Ratio	Lower	Upper
82	100		
138	16.9	0.0	47.0
39	18.9	0.0	49.1

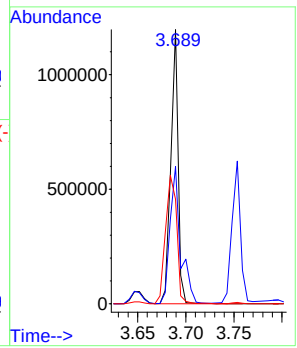


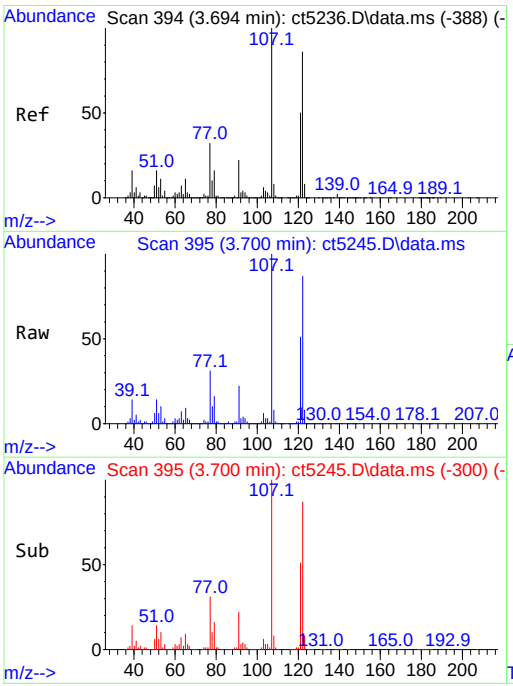


#29
2-Nitrophenol
Concen: 76.36 ppm
RT: 3.689 min Scan# 393
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:139 Resp: 629258

Ion	Ratio	Lower	Upper
139	100		
65	43.9	28.1	88.1
109	38.0	35.1	95.1

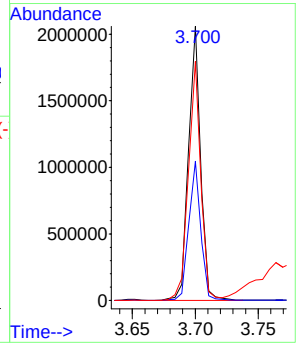


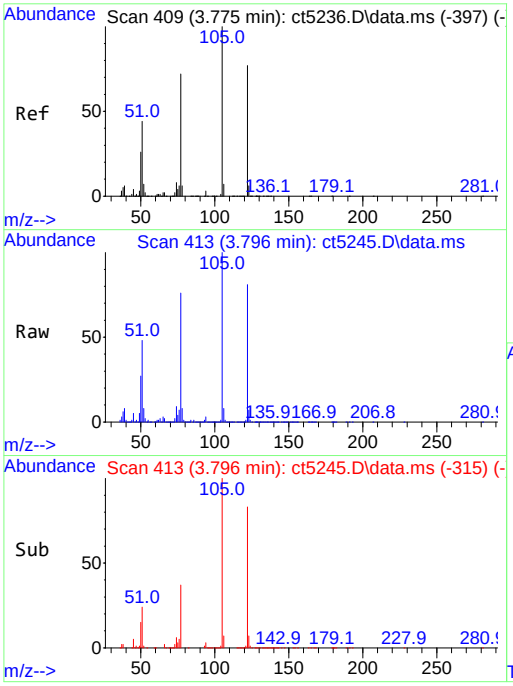


#30
2,4-Dimethylphenol
Concen: 80.75 ppm
RT: 3.700 min Scan# 395
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:107 Resp: 1380468

Ion	Ratio	Lower	Upper
107	100		
121	50.7	19.9	79.9
122	84.9	51.6	111.6

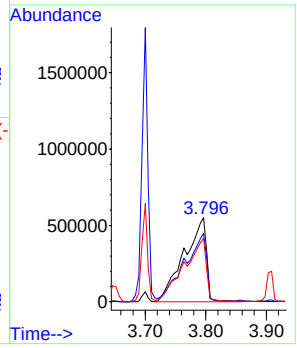


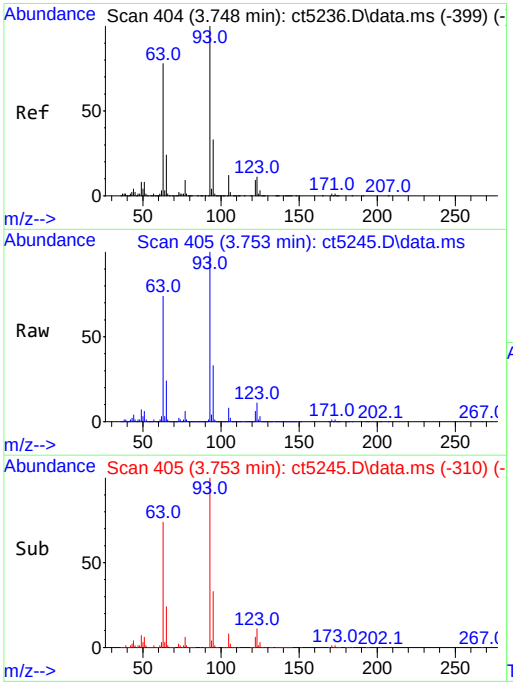


#31
Benzoic acid
Concen: 90.88 ppm
RT: 3.796 min Scan# 413
Delta R.T. 0.022 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:105 Resp: 1407160

Ion	Ratio	Lower	Upper
105	100		
122	78.6	48.8	108.8
77	75.1	43.0	103.0

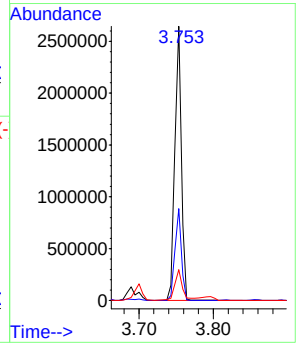


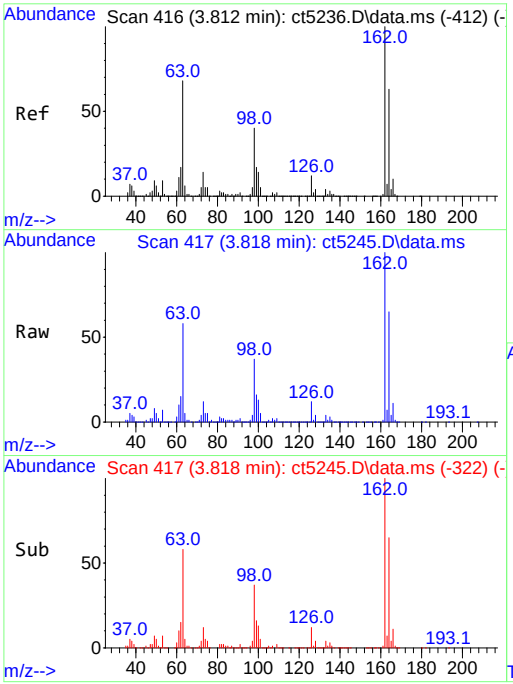


#32
bis(2-Chloroethoxy)methane
Concen: 80.37 ppm
RT: 3.753 min Scan# 405
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 93 Resp: 1602800

Ion	Ratio	Lower	Upper
93	100		
95	33.4	2.7	62.7
123	11.2	0.0	40.7

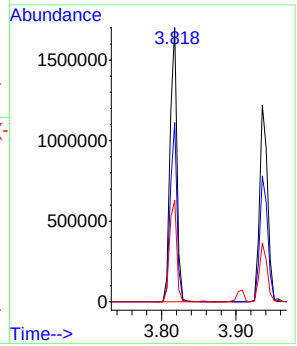


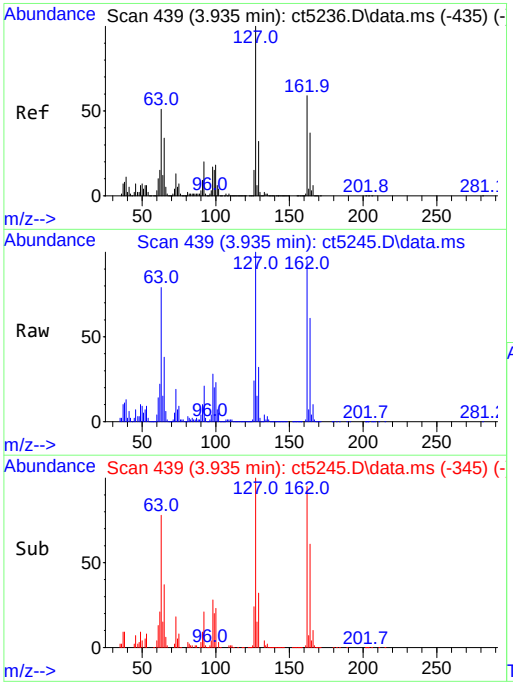


#33
2,4-Dichlorophenol
Concen: 80.44 ppm
RT: 3.818 min Scan# 417
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:162 Resp: 1084563

Ion	Ratio	Lower	Upper
162	100		
164	65.3	33.4	93.4
98	34.9	10.2	70.2

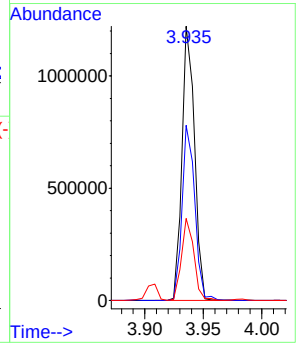


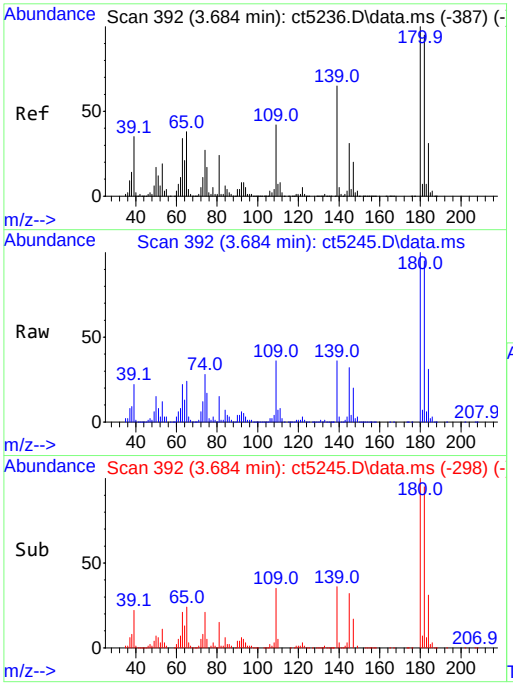


#34
2,6-Dichlorophenol
Concen: 76.90 ppm
RT: 3.935 min Scan# 439
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:162 Resp: 910712

Ion	Ratio	Lower	Upper
162	100		
164	63.9	33.8	93.8
98	26.6	0.0	58.3

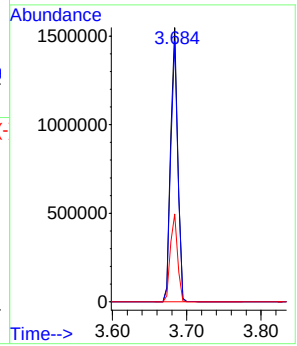


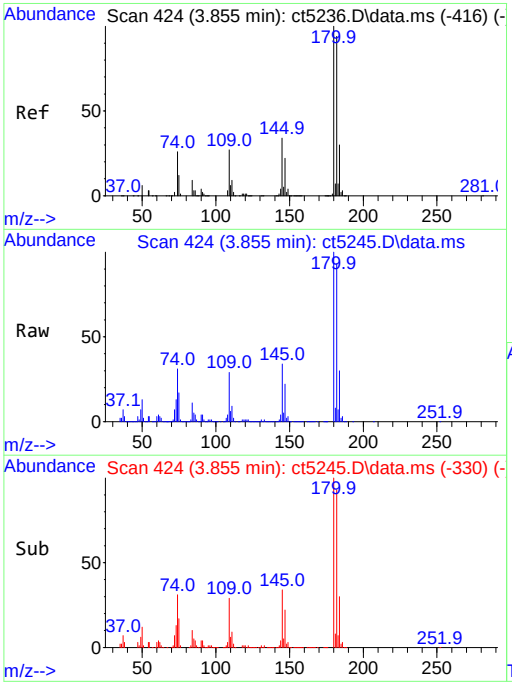


#35
1,3,5-Trichlorobenzene
Concen: 76.69 ppm
RT: 3.684 min Scan# 392
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:180 Resp: 1030576

Ion	Ratio	Lower	Upper
180	100		
182	95.1	64.6	124.6
145	32.0	0.9	60.9

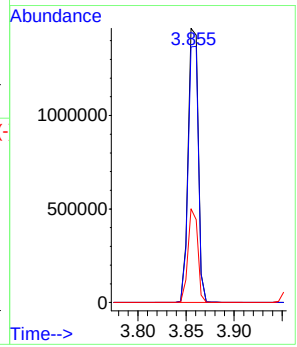


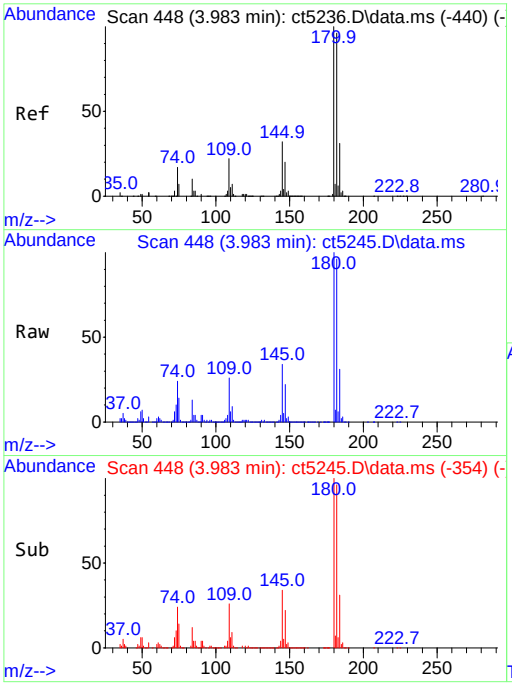


#36
1,2,4-Trichlorobenzene
Concen: 79.75 ppm
RT: 3.855 min Scan# 424
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:180 Resp: 1082380

Ion	Ratio	Lower	Upper
180	100		
182	93.2	63.6	123.6
145	34.1	4.3	64.3

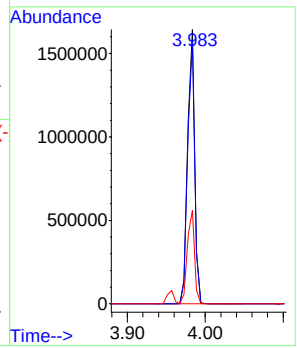


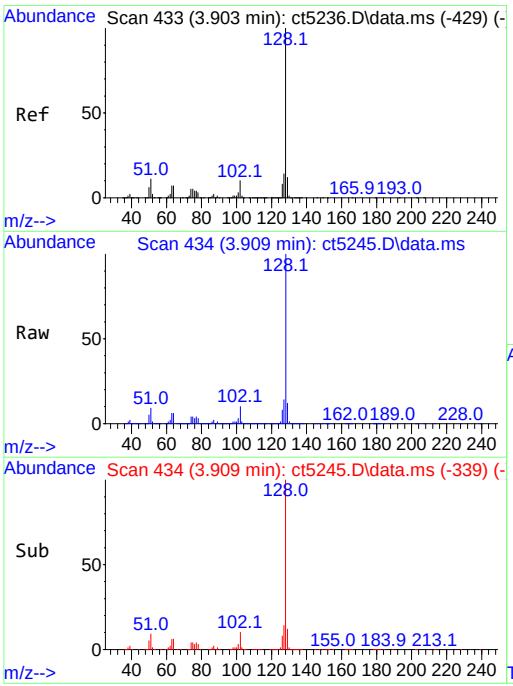


#37
1,2,3-Trichlorobenzene
Concen: 78.07 ppm
RT: 3.983 min Scan# 448
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:180 Resp: 1033006

Ion	Ratio	Lower	Upper
180	100		
182	95.9	65.9	125.9
145	34.0	2.0	62.0

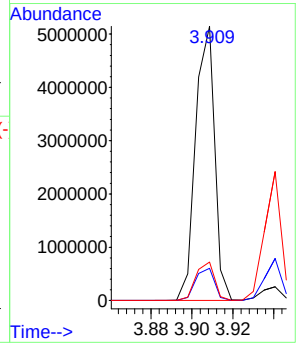


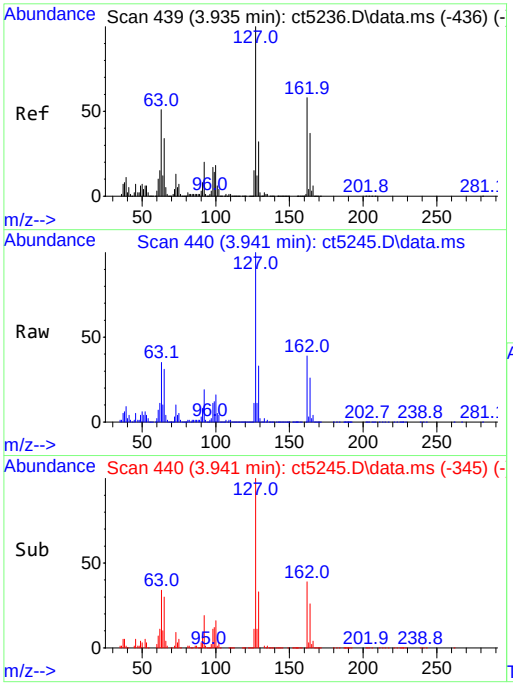


#38
Naphthalene
Concen: 75.19 ppm
RT: 3.909 min Scan# 434
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:128 Resp: 3352934

Ion	Ratio	Lower	Upper
128	100		
129	11.7	0.0	41.7
127	14.0	0.0	43.6

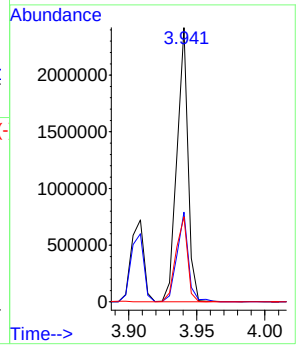




#39
4-Chloroaniline
Concen: 73.86 ppm
RT: 3.941 min Scan# 440
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

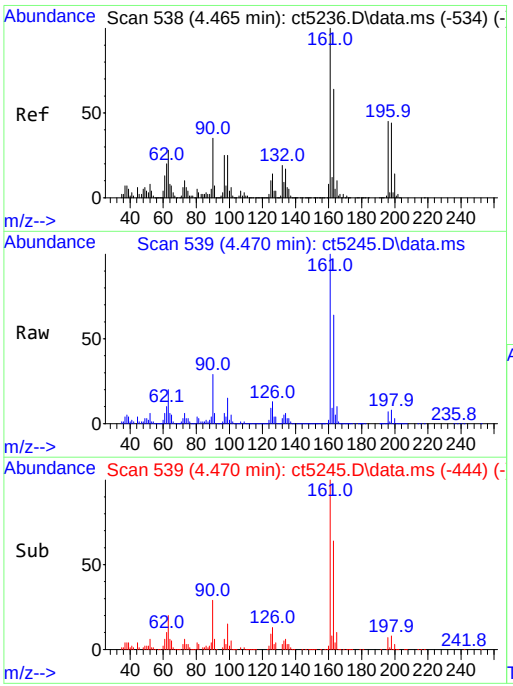
Tgt Ion:127 Resp: 1374009

Ion	Ratio	Lower	Upper
127	100		
129	32.6	2.2	62.2
65	31.0	4.0	64.0



7.6.8

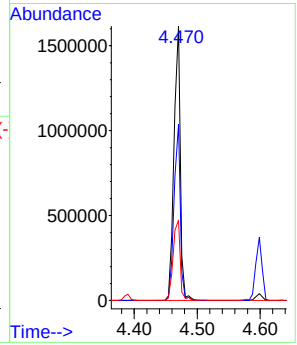
7

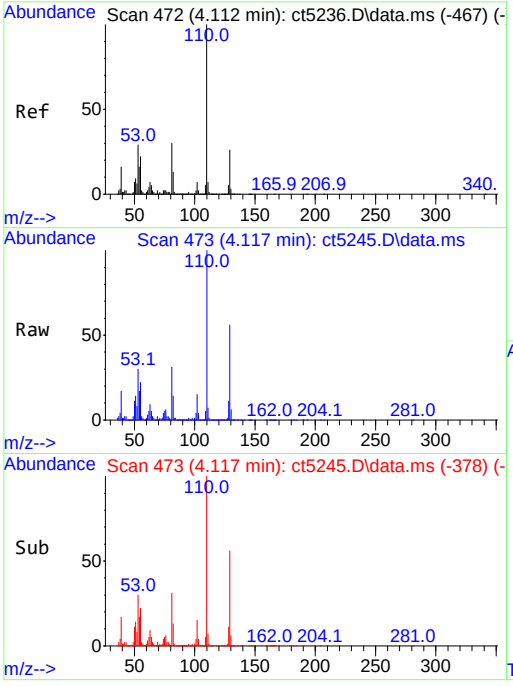


#40
2,3-Dichloroaniline
Concen: 76.83 ppm
RT: 4.470 min Scan# 539
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:161 Resp: 1121953

Ion	Ratio	Lower	Upper
161	100		
163	64.2	34.3	94.3
90	29.2	5.3	65.3

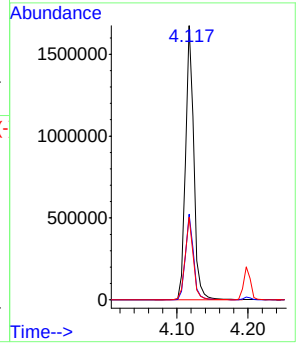


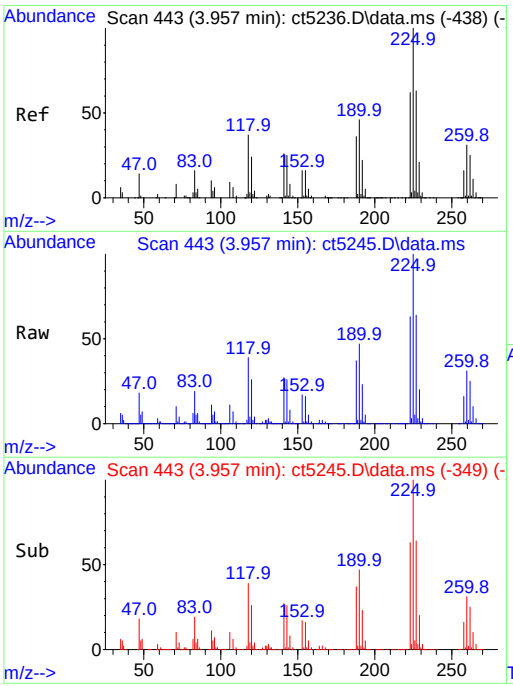


#41
Hydroquinone
Concen: 77.46 ppm
RT: 4.117 min Scan# 473
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:110 Resp: 1337179

Ion	Ratio	Lower	Upper
110	100		
81	31.0	0.1	60.1
53	28.1	0.0	59.2

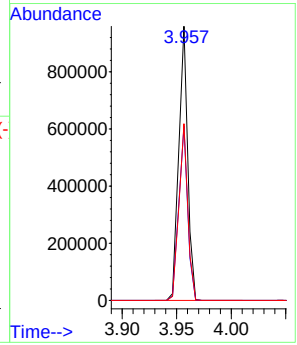


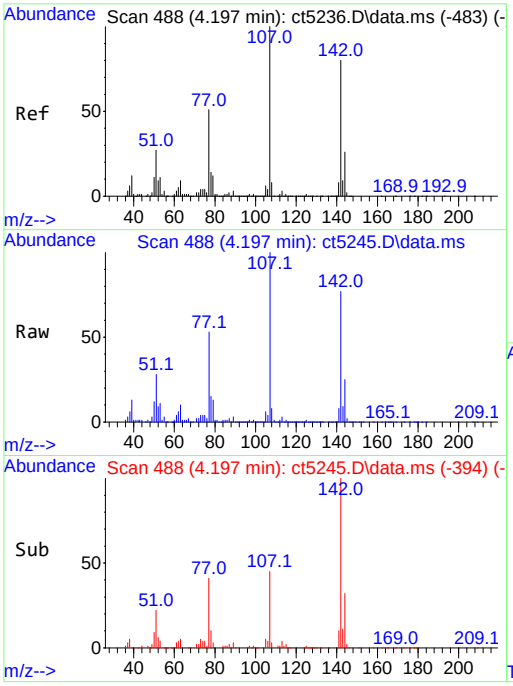


#42
Hexachlorobutadiene
Concen: 77.69 ppm
RT: 3.957 min Scan# 443
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:225 Resp: 548939

Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.1	92.1
227	64.5	33.3	93.3

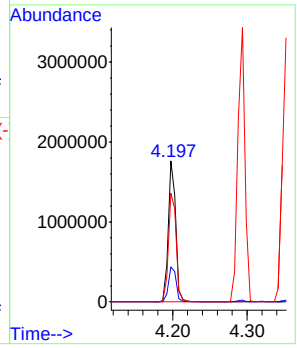


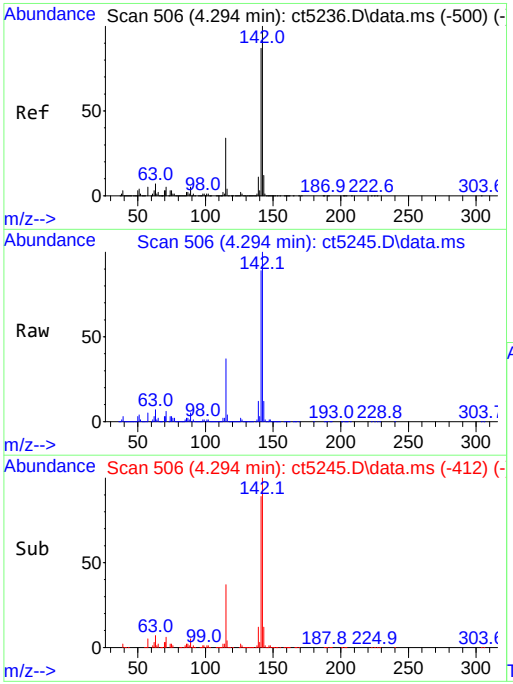


#43
4-Chloro-3-methylphenol
Concen: 81.24 ppm
RT: 4.197 min Scan# 488
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:107 Resp: 1211853

Ion	Ratio	Lower	Upper
107	100		
144	24.2	0.0	55.9
142	0.0	43.8	103.8#

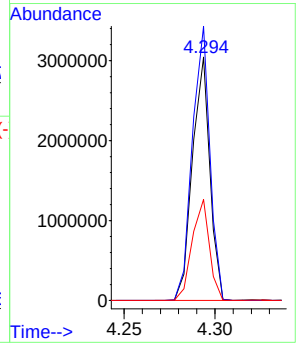


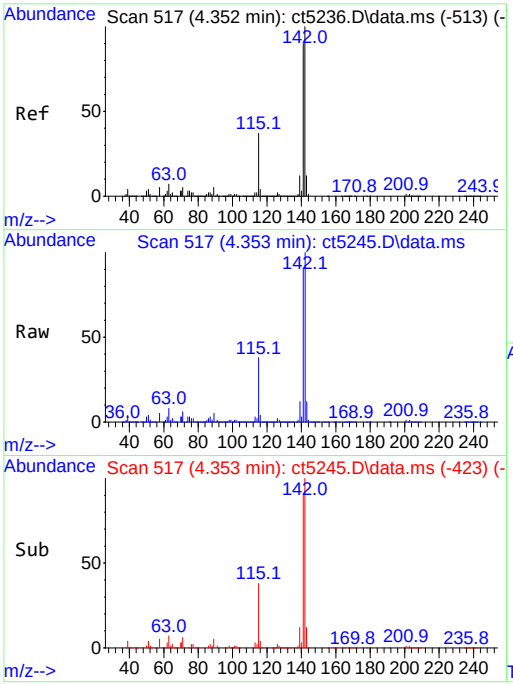


#44
2-Methylnaphthalene
Concen: 77.11 ppm
RT: 4.294 min Scan# 506
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:141 Resp: 2022220

Ion	Ratio	Lower	Upper
141	100		
142	112.7	85.2	145.2
115	41.4	9.7	69.7

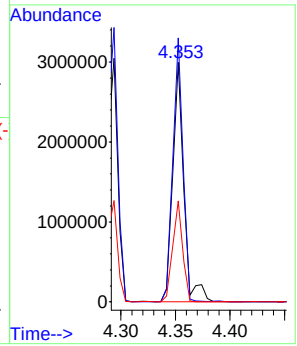


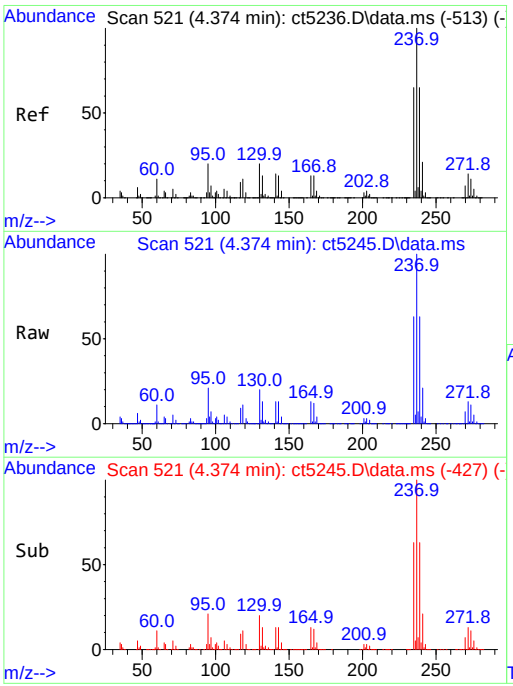


#45
1-Methylnaphthalene
Concen: 77.78 ppm
RT: 4.353 min Scan# 517
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:141 Resp: 2126806

Ion	Ratio	Lower	Upper
141	100		
142	110.3	80.8	140.8
115	42.2	10.8	70.8

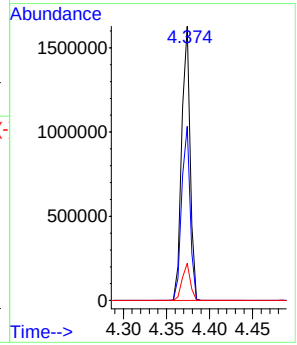


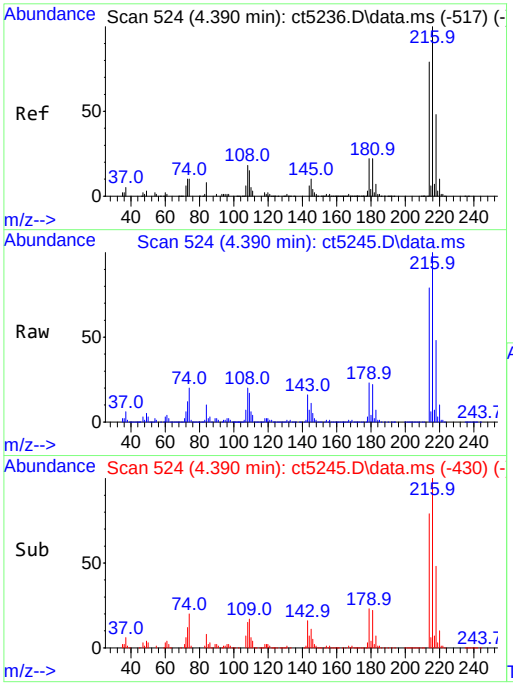


#47
Hexachlorocyclopentadiene
Concen: 164.42 ppm
RT: 4.374 min Scan# 521
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:237 Resp: 1103600

Ion	Ratio	Lower	Upper
237	100		
235	63.4	34.5	94.5
272	13.5	0.0	43.6

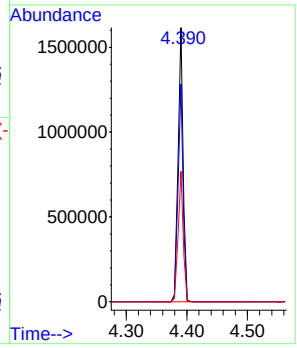


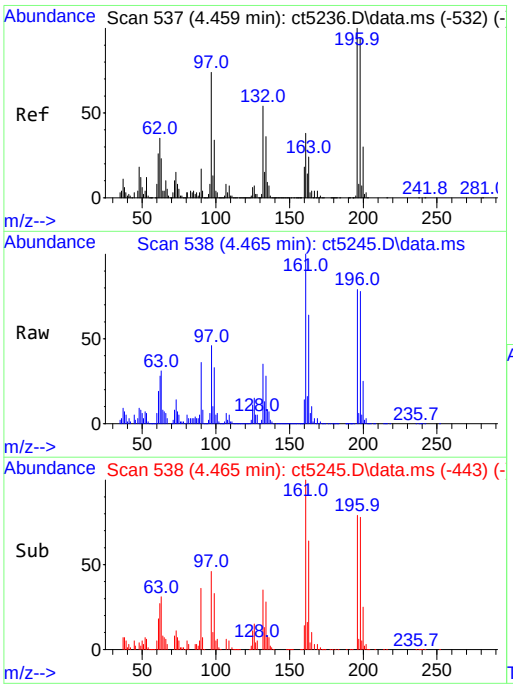


#48
1,2,4,5-tetrachlorobenzene
Concen: 79.21 ppm
RT: 4.390 min Scan# 524
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:216 Resp: 952858

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
218	47.7	38.4	57.6

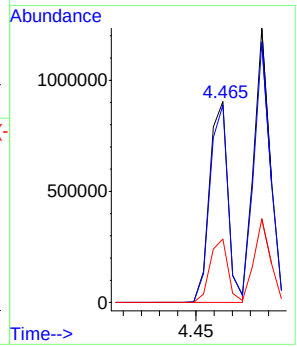


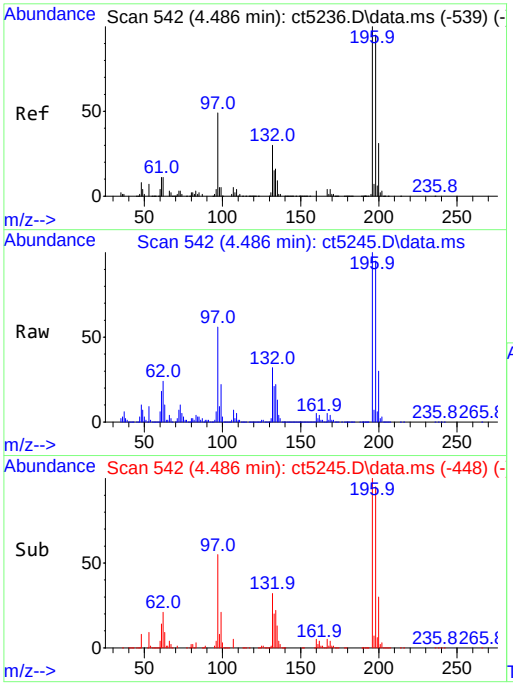


#49
2,4,6-Trichlorophenol
Concen: 78.81 ppm
RT: 4.465 min Scan# 538
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:196 Resp: 639486

Ion	Ratio	Lower	Upper
196	100		
198	98.4	64.2	124.2
200	31.7	0.0	59.5

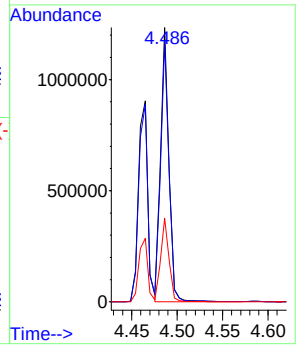


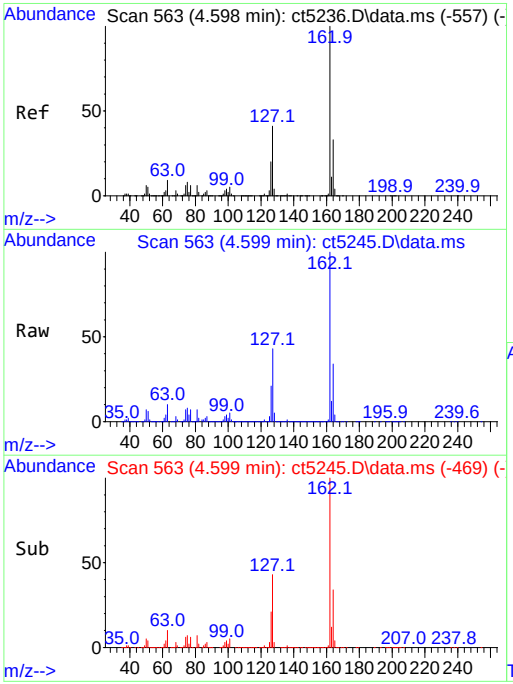


#50
2,4,5-Trichlorophenol
Concen: 80.61 ppm
RT: 4.486 min Scan# 542
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:196 Resp: 781366

Ion	Ratio	Lower	Upper
196	100		
198	95.0	65.2	125.2
200	30.5	0.7	60.7

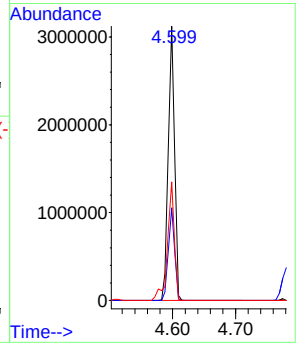


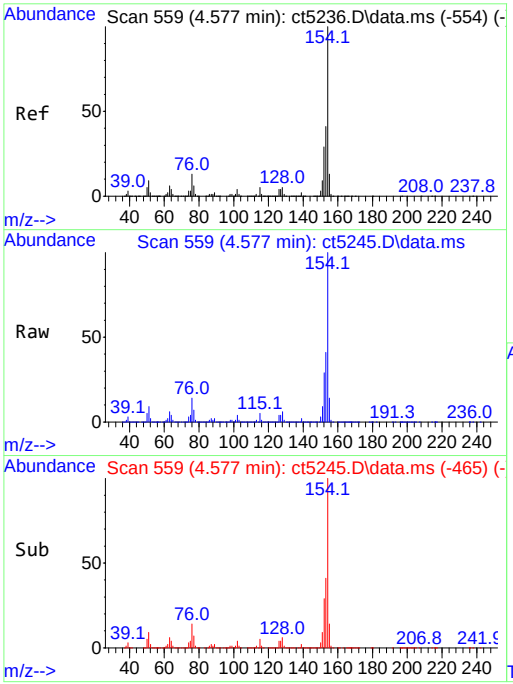


#52
2-Chloronaphthalene
Concen: 80.43 ppm
RT: 4.599 min Scan# 563
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:162 Resp: 2195481

Ion	Ratio	Lower	Upper
162	100		
164	33.8	2.8	62.8
127	42.5	11.0	71.0

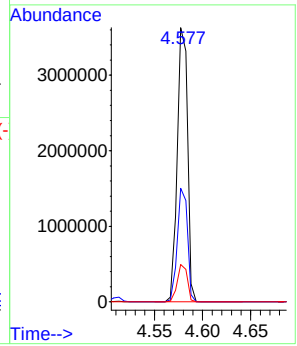


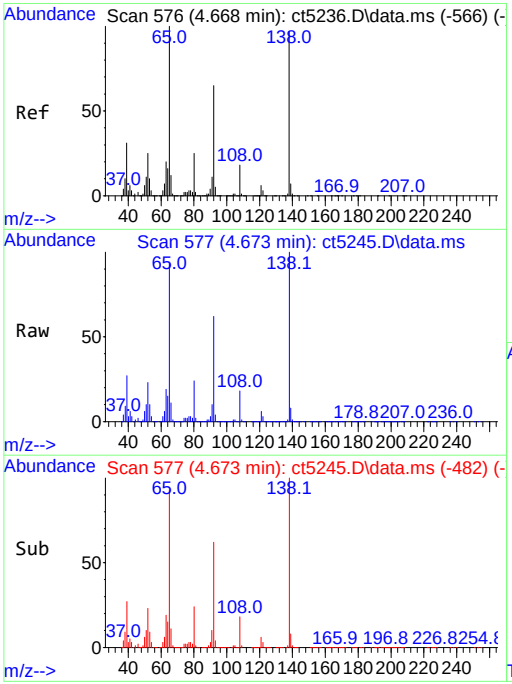


#53
Biphenyl
Concen: 77.50 ppm
RT: 4.577 min Scan# 559
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:154 Resp: 2692012

Ion	Ratio	Lower	Upper
154	100		
153	41.4	10.7	70.7
155	13.6	0.0	43.5

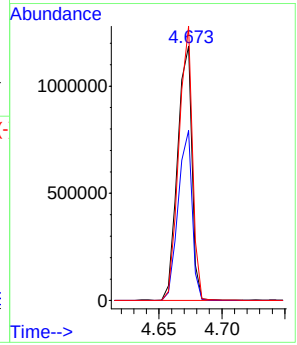


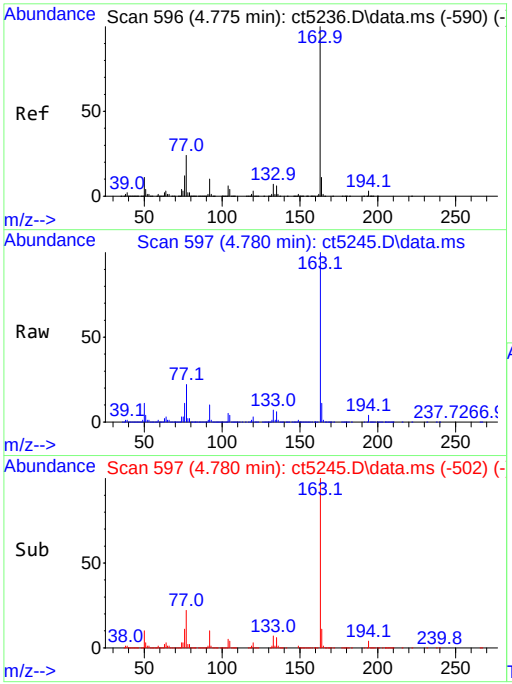


#54
2-Nitroaniline
Concen: 86.37 ppm
RT: 4.673 min Scan# 577
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 65 Resp: 939498

Ion	Ratio	Lower	Upper
65	100		
92	66.8	34.6	94.6
138	107.9	67.0	127.0

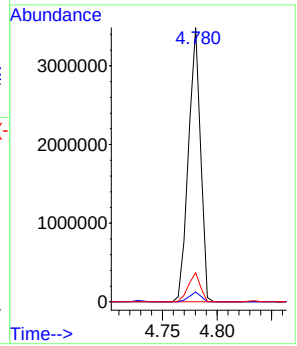


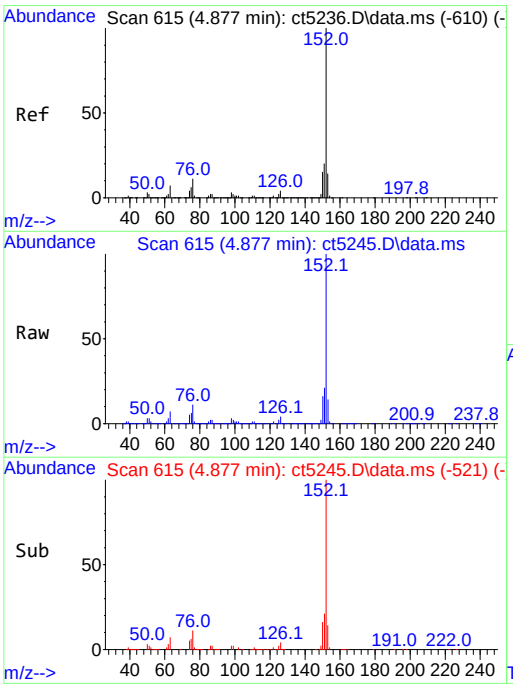


#55
Dimethylphthalate
Concen: 82.41 ppm
RT: 4.780 min Scan# 597
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:163 Resp: 2678877

Ion	Ratio	Lower	Upper
163	100		
194	3.6	0.0	33.4
164	10.6	0.0	40.5

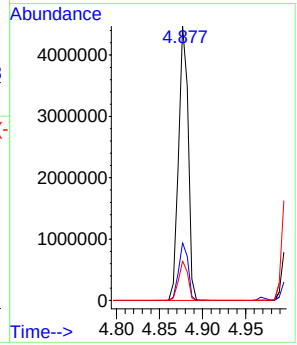


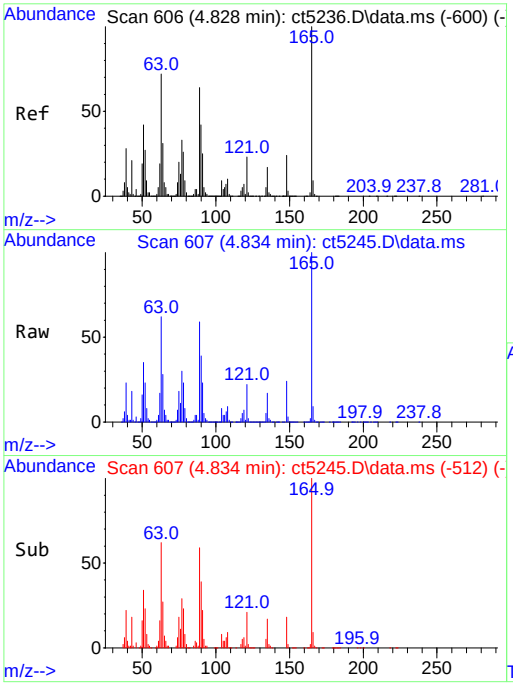


#56
Acenaphthylene
Concen: 79.25 ppm
RT: 4.877 min Scan# 615
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:152 Resp: 3452128

Ion	Ratio	Lower	Upper
152	100		
151	21.1	0.0	50.4
153	14.4	0.0	43.6

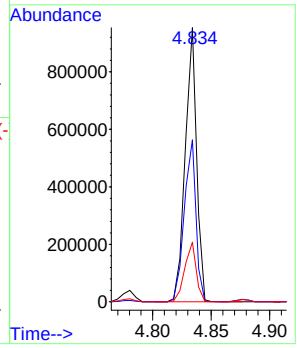


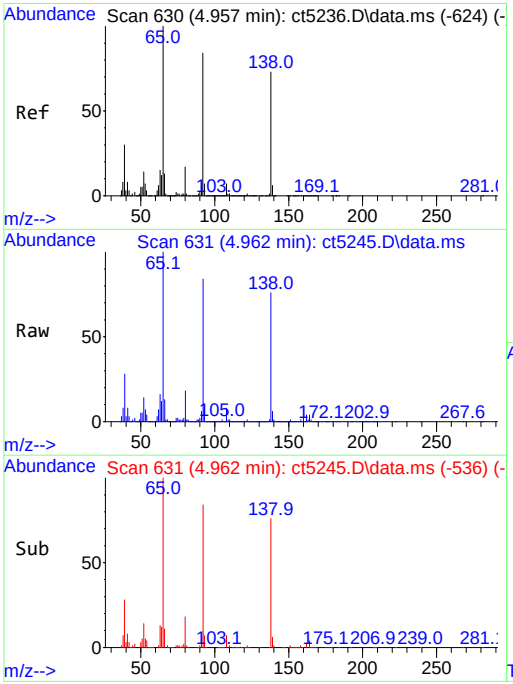


#57
2,6-Dinitrotoluene
Concen: 84.69 ppm
RT: 4.834 min Scan# 607
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:165 Resp: 645696

Ion	Ratio	Lower	Upper
165	100		
89	58.6	34.4	94.4
121	21.3	0.0	53.3

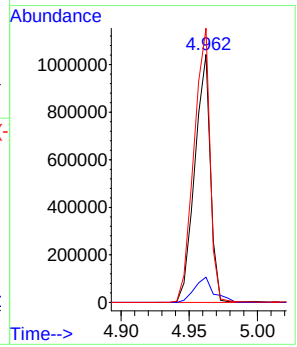


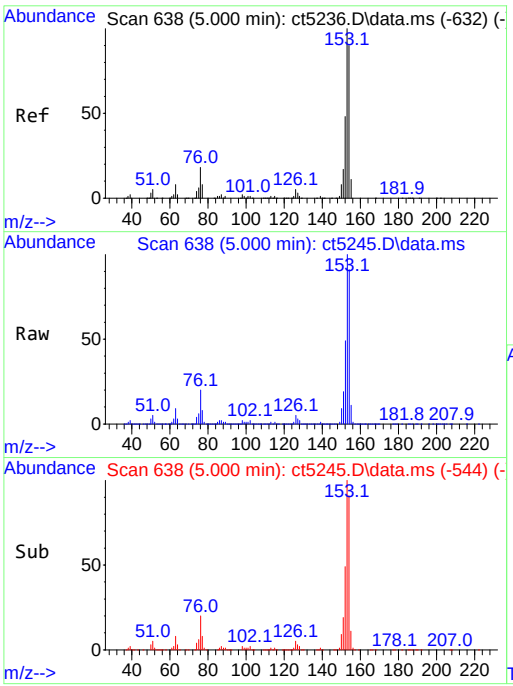


#58
3-Nitroaniline
Concen: 85.67 ppm
RT: 4.962 min Scan# 631
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:138 Resp: 826790

Ion	Ratio	Lower	Upper
138	100		
108	10.3	0.0	40.1
92	110.6	84.8	144.8

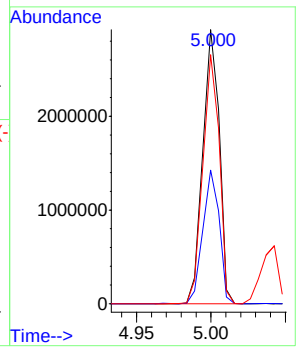


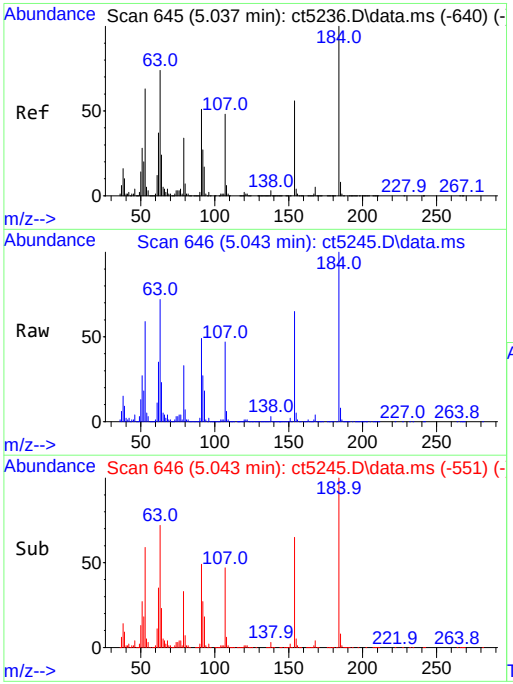


#59
Acenaphthene
Concen: 80.28 ppm
RT: 5.000 min Scan# 638
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:153 Resp: 2265820

Ion	Ratio	Lower	Upper
153	100		
152	48.7	18.5	78.5
154	90.8	59.7	119.7

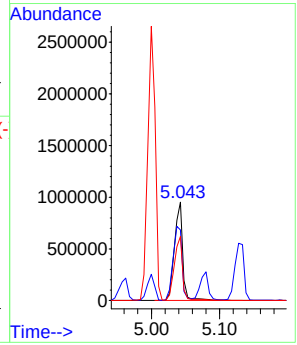


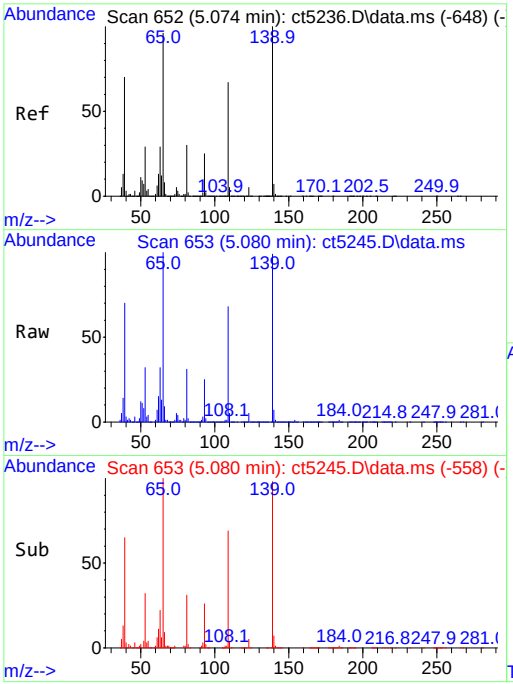


#60
2,4-Dinitrophenol
Concen: 177.41 ppm
RT: 5.043 min Scan# 646
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:184 Resp: 806370

Ion	Ratio	Lower	Upper
184	100		
63	36.2	32.3	92.3
154	0.0	29.0	89.0#

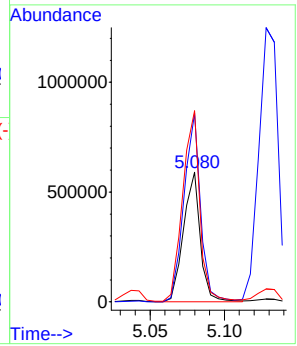


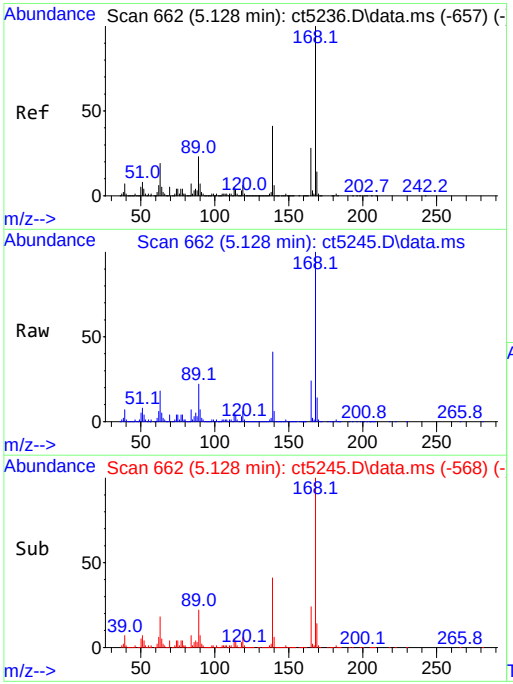


#61
4-Nitrophenol
Concen: 87.99 ppm
RT: 5.080 min Scan# 653
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:109 Resp: 462488

Ion	Ratio	Lower	Upper
109	100		
139	145.3	118.3	178.3
65	147.2	113.1	173.1

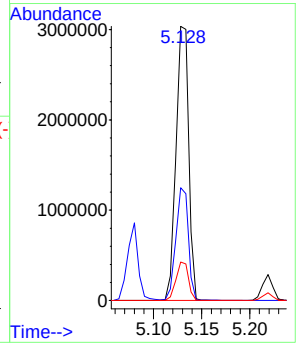


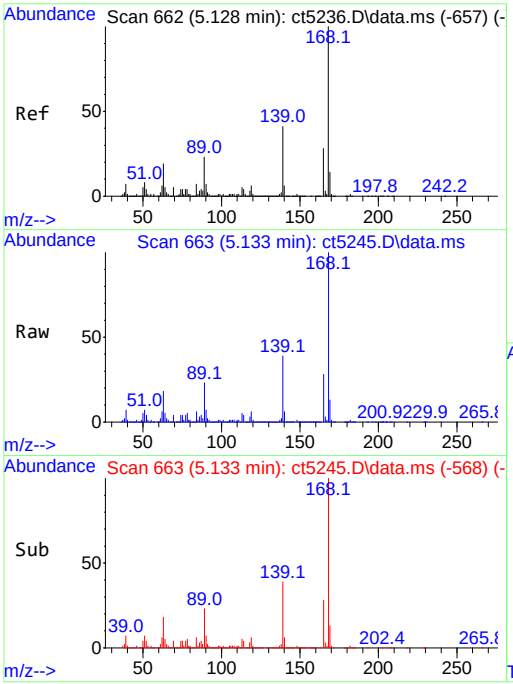


#62
Dibenzofuran
Concen: 75.82 ppm
RT: 5.128 min Scan# 662
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:168 Resp: 2769675

Ion	Ratio	Lower	Upper
168	100		
139	40.9	11.5	71.5
169	14.1	0.0	43.8

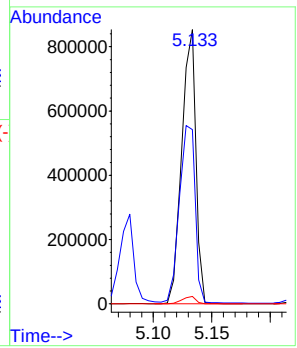


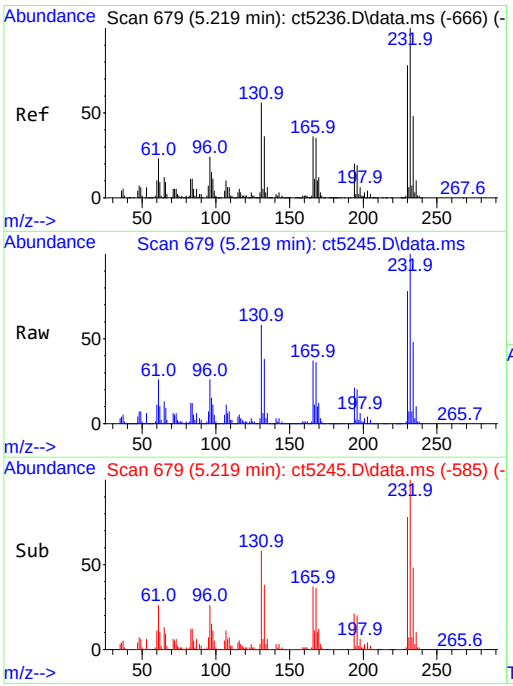


#63
2,4-Dinitrotoluene
Concen: 77.51 ppm
RT: 5.133 min Scan# 663
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:165 Resp: 718382

Ion	Ratio	Lower	Upper
165	100		
63	63.0	35.6	95.6
182	2.7	0.0	32.5

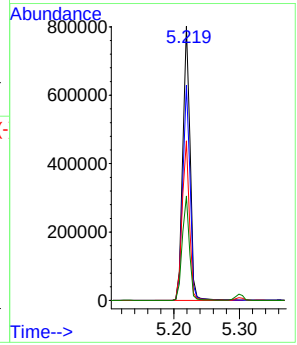


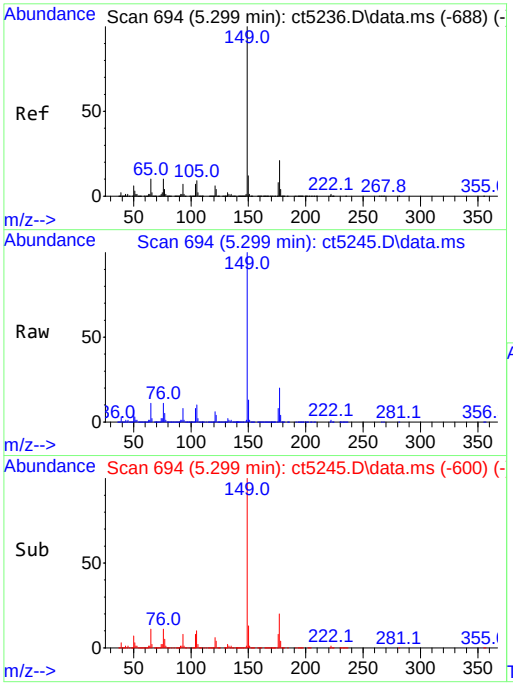


#64
2,3,4,6-Tetrachlorophenol
Concen: 83.13 ppm
RT: 5.219 min Scan# 679
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:232 Resp: 615284

Ion	Ratio	Lower	Upper
232	100		
230	78.4	48.2	108.2
131	57.8	25.8	85.8
133	37.1	6.2	66.2

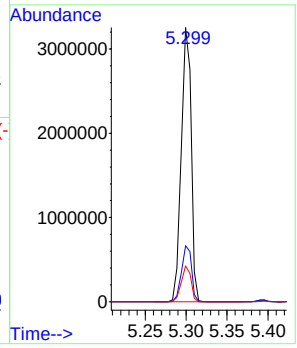


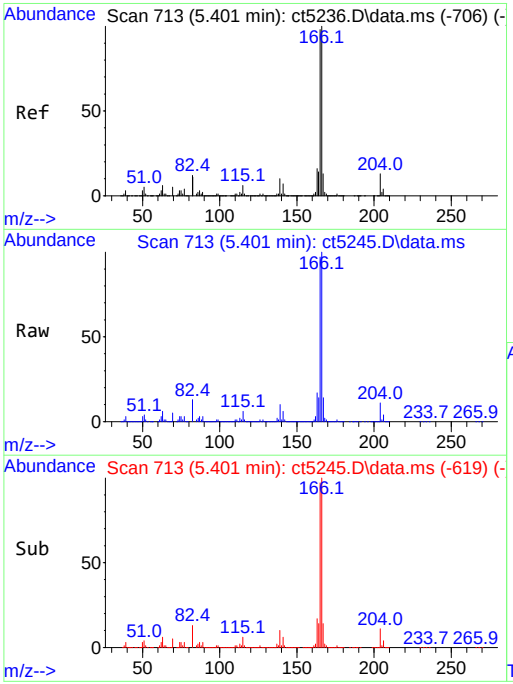


#65
Diethylphthalate
Concen: 81.78 ppm
RT: 5.299 min Scan# 694
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:149 Resp: 2758510

Ion	Ratio	Lower	Upper
149	100		
177	20.5	0.0	50.7
150	13.1	0.0	42.5

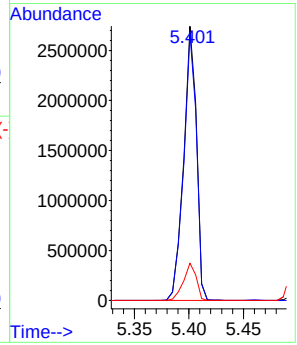


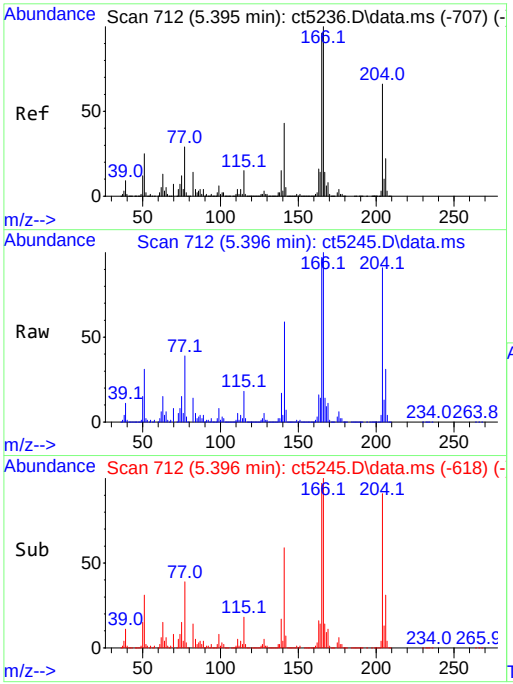


#66
Fluorene
Concen: 77.51 ppm
RT: 5.401 min Scan# 713
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:166 Resp: 2239549

Ion	Ratio	Lower	Upper
166	100		
165	97.2	67.6	127.6
167	13.6	0.0	43.4

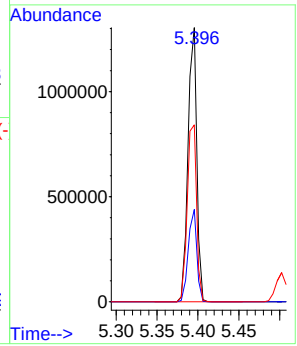


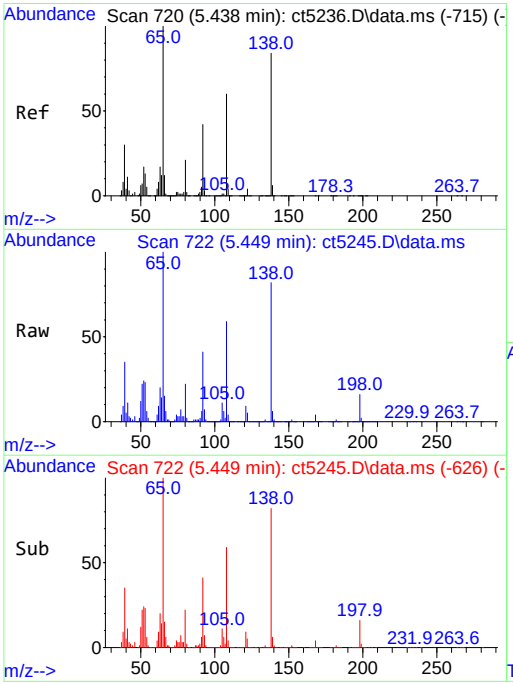


#67
4-Chlorophenyl-phenylether
Concen: 77.76 ppm
RT: 5.396 min Scan# 712
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:204 Resp: 973749

Ion	Ratio	Lower	Upper
204	100		
206	33.7	2.9	62.9
141	64.6	34.9	94.9

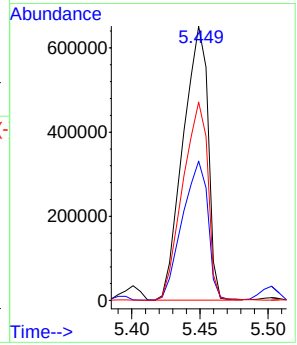


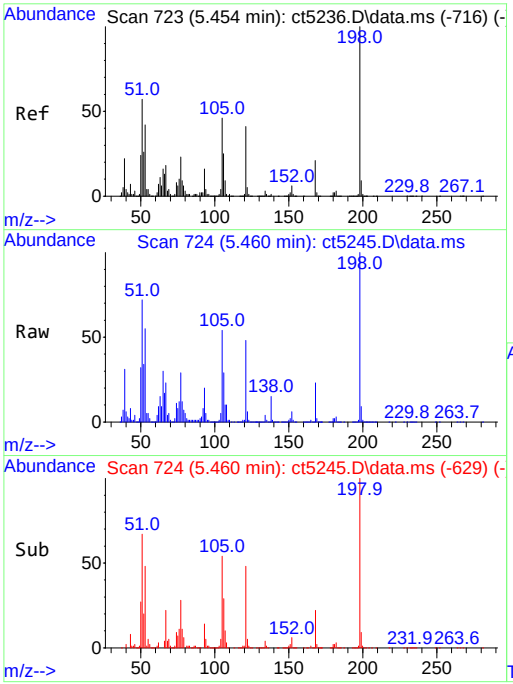


#68
4-Nitroaniline
Concen: 87.13 ppm
RT: 5.449 min Scan# 722
Delta R.T. 0.011 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:138 Resp: 831579

Ion	Ratio	Lower	Upper
138	100		
92	50.7	20.2	80.2
108	72.4	41.6	101.6

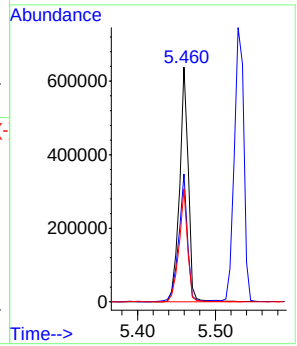


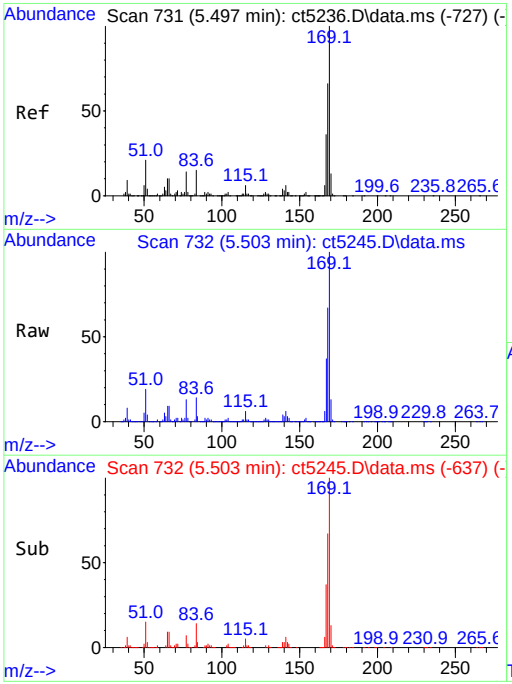


#70
4,6-Dinitro-2-methylphenol
Concen: 84.01 ppm
RT: 5.460 min Scan# 724
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:198 Resp: 495709

Ion	Ratio	Lower	Upper
198	100		
105	3.7	15.6	75.6#
121	48.1	11.4	71.4

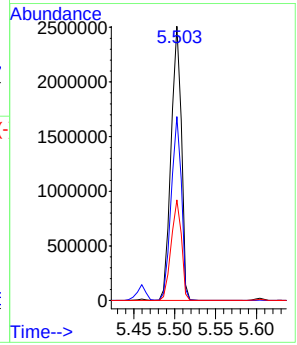


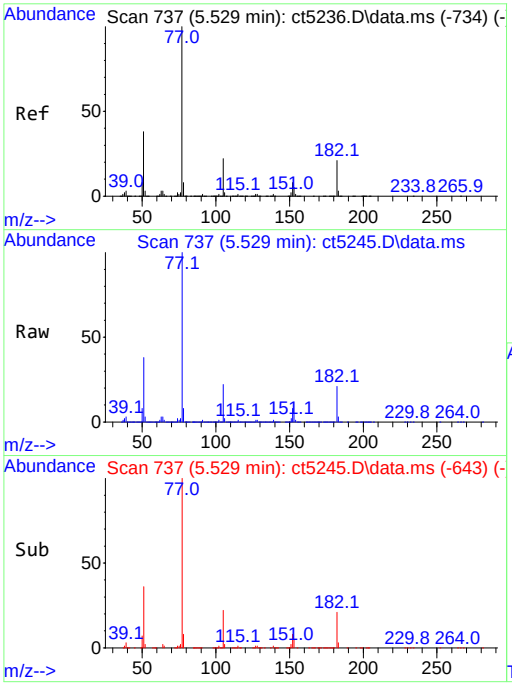


#71
n-Nitrosodiphenylamine
Concen: 80.15 ppm
RT: 5.503 min Scan# 732
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:169 Resp: 2194133

Ion	Ratio	Lower	Upper
169	100		
168	67.0	36.0	96.0
167	36.7	6.2	66.2

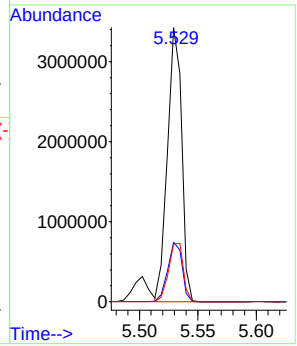


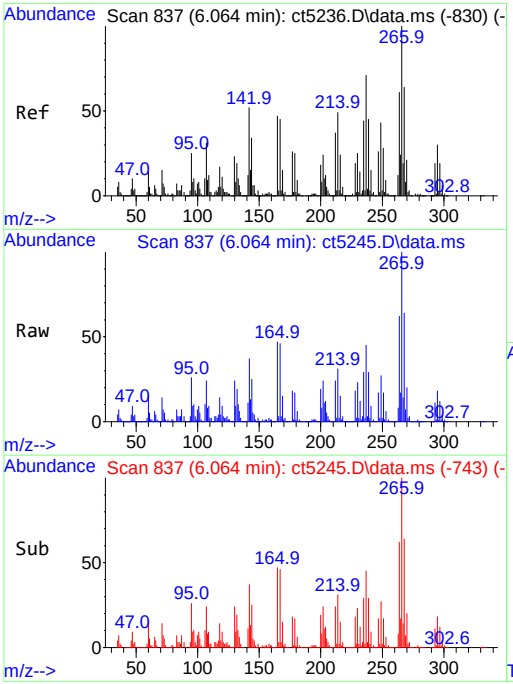


#72
1,2-Diphenylhydrazine
Concen: 80.11 ppm
RT: 5.529 min Scan# 737
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 77 Resp: 2891811

Ion	Ratio	Lower	Upper
77	100		
105	21.8	0.0	51.9
182	21.1	0.0	51.0

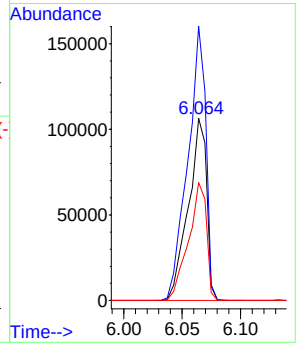


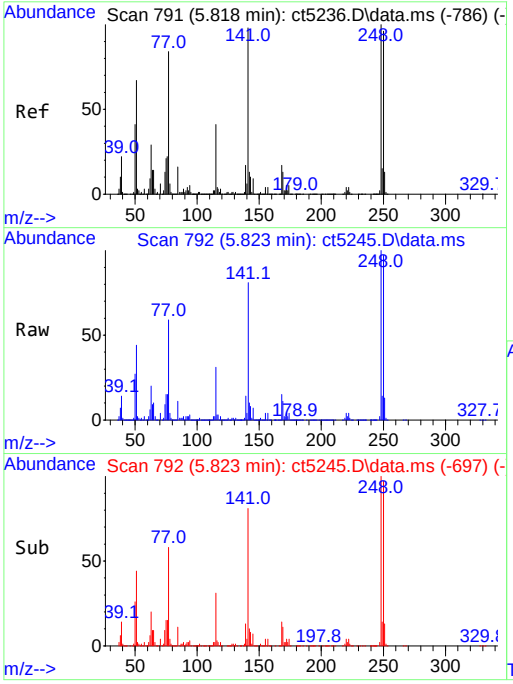


#73
pentachloronitrobenzene
Concen: 82.33 ppm
RT: 6.064 min Scan# 837
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:295 Resp: 115535

Ion	Ratio	Lower	Upper
295	100		
249	148.4	121.8	182.8
297	63.9	51.7	77.5

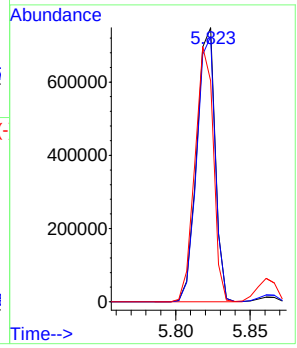


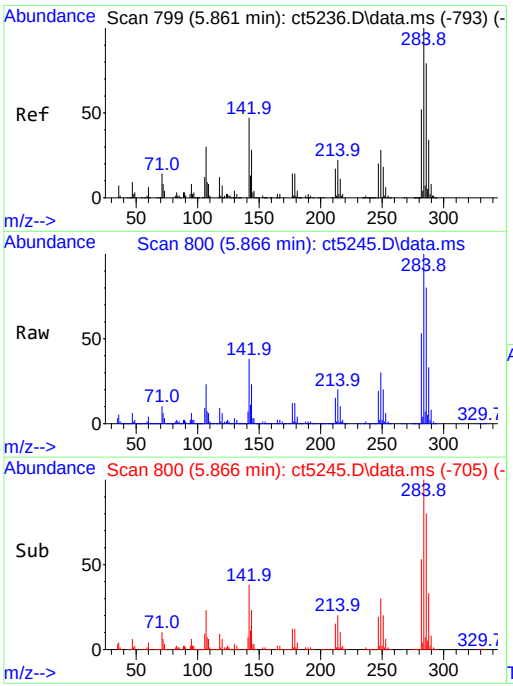


#75
4-Bromophenyl-phenylether
Concen: 80.93 ppm
RT: 5.823 min Scan# 792
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:248 Resp: 644296

Ion	Ratio	Lower	Upper
248	100		
250	96.7	65.9	125.9
141	80.4	68.1	128.1

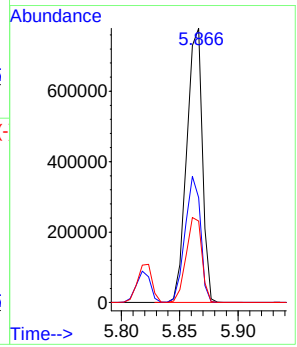


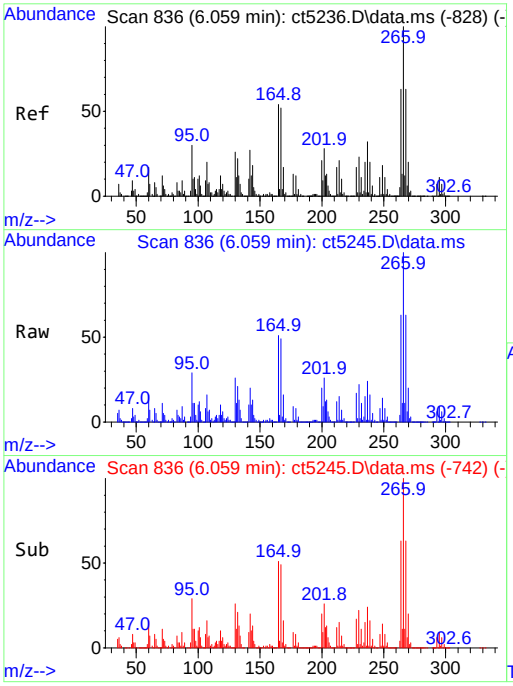


#76
Hexachlorobenzene
Concen: 81.23 ppm
RT: 5.866 min Scan# 800
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:284 Resp: 724206

Ion	Ratio	Lower	Upper
284	100		
142	37.4	17.4	77.4
249	28.0	0.0	59.7

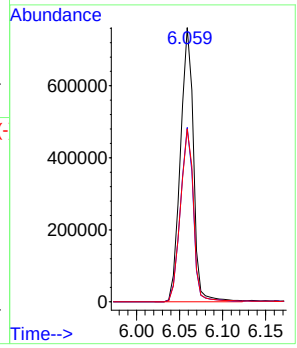


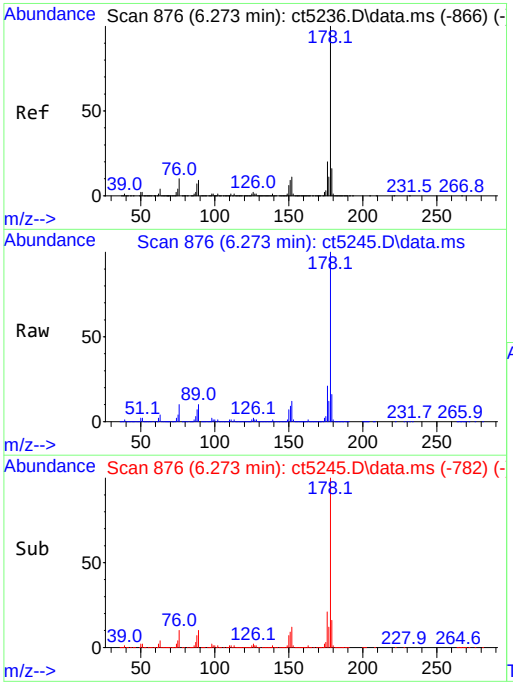


#77
Pentachlorophenol
Concen: 159.65 ppm
RT: 6.059 min Scan# 836
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:266 Resp: 798491

Ion	Ratio	Lower	Upper
266	100		
264	63.5	32.9	92.9
268	63.0	33.4	93.4

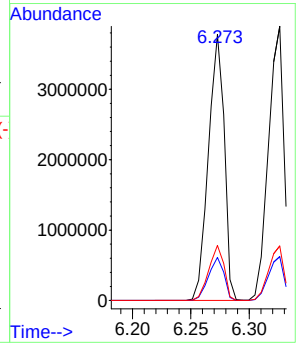


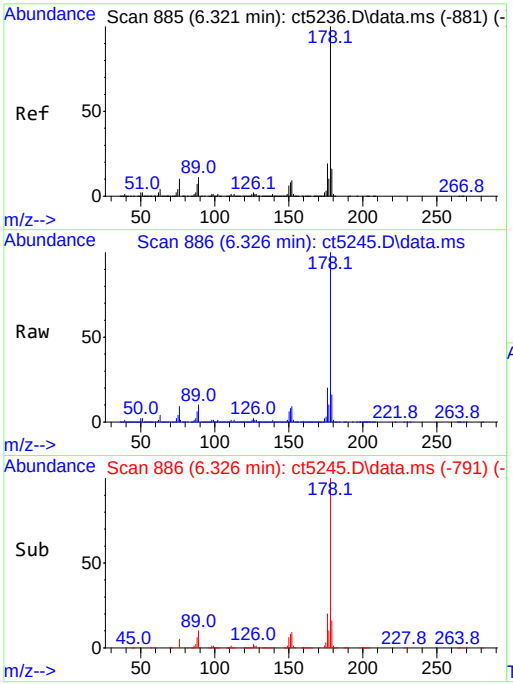


#78
Phenanthrene
Concen: 78.80 ppm
RT: 6.273 min Scan# 876
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:178 Resp: 3564244

Ion	Ratio	Lower	Upper
178	100		
179	16.2	0.0	46.1
176	20.7	0.0	50.2

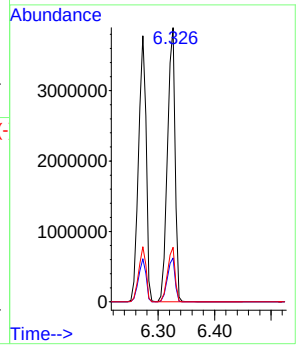


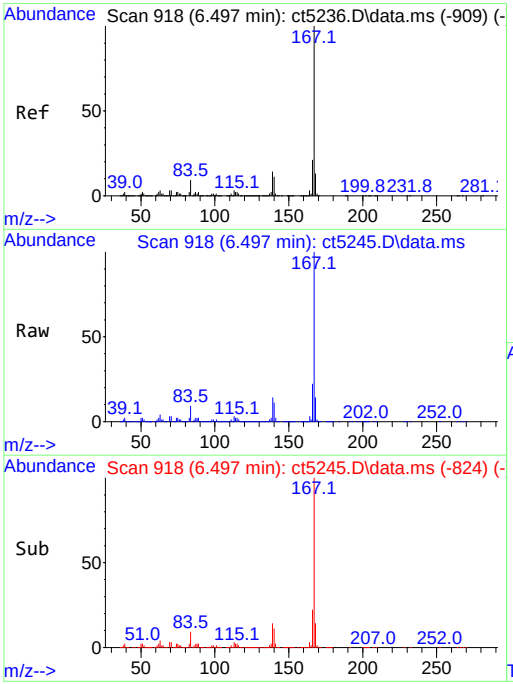


#79
Anthracene
Concen: 78.55 ppm
RT: 6.326 min Scan# 886
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:178 Resp: 3669108

Ion	Ratio	Lower	Upper
178	100		
179	16.0	0.0	45.8
176	19.9	0.0	49.2

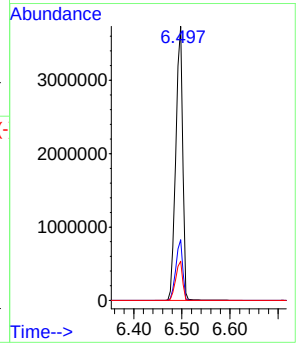


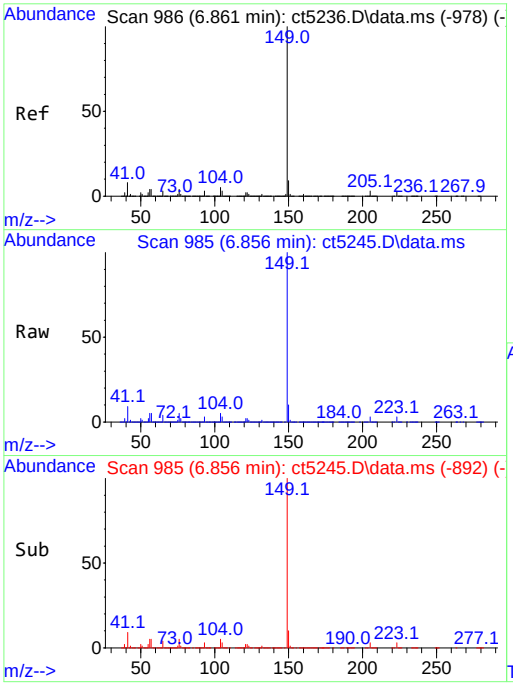


#80
Carbazole
Concen: 80.72 ppm
RT: 6.497 min Scan# 918
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:167 Resp: 3729641

Ion	Ratio	Lower	Upper
167	100		
166	22.1	0.0	51.5
139	14.4	0.0	43.6

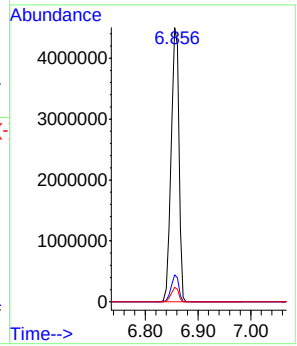


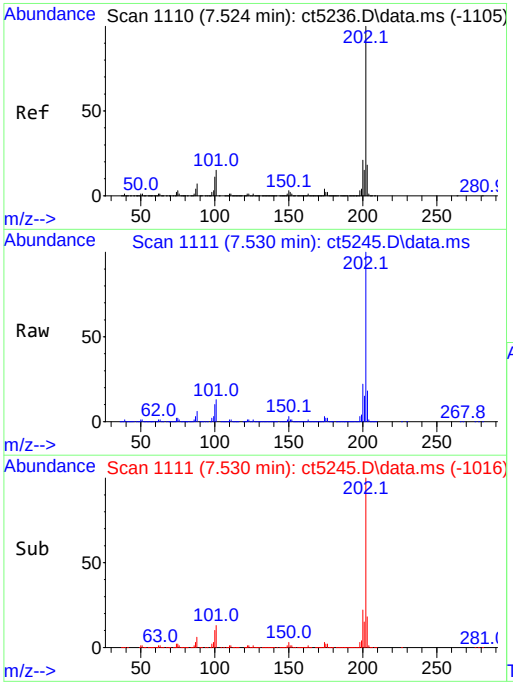


#81
Di-n-butylphthalate
Concen: 79.51 ppm
RT: 6.856 min Scan# 985
Delta R.T. -0.005 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:149 Resp: 4639811

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	39.2
104	5.3	0.0	34.7

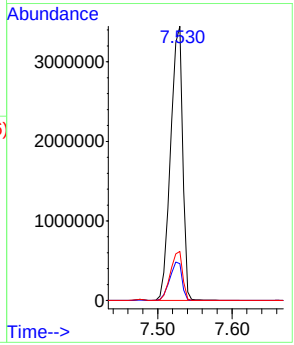


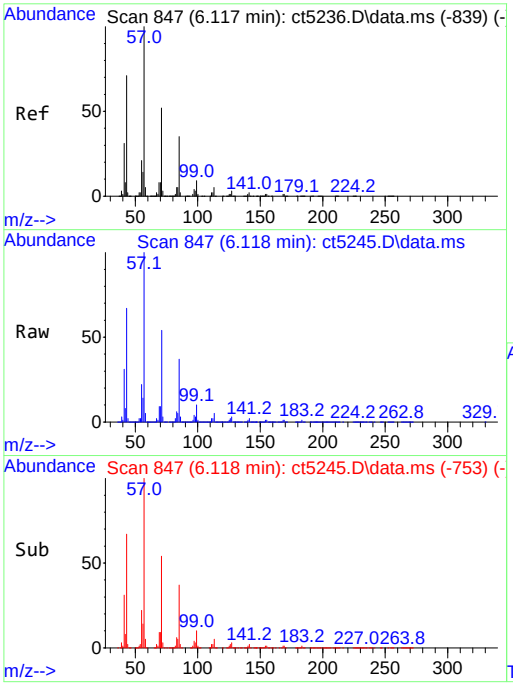


#82
Fluoranthene
Concen: 80.78 ppm
RT: 7.530 min Scan# 1111
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:202 Resp: 3869415

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	45.1
203	17.9	0.0	47.9

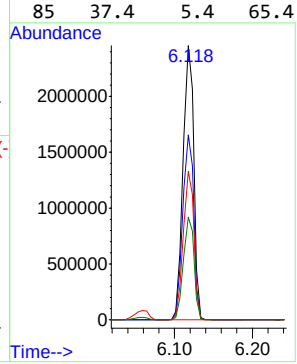


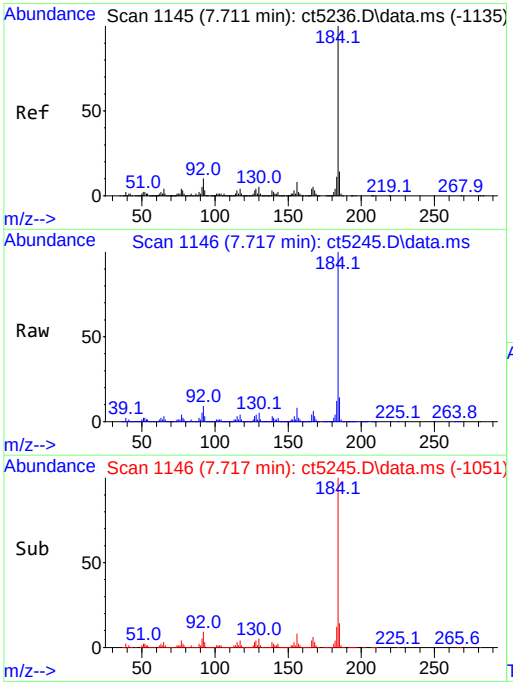


#83
Octadecane
Concen: 76.53 ppm
RT: 6.118 min Scan# 847
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion: 57 Resp: 2352345

Ion	Ratio	Lower	Upper
57	100		
43	67.4	41.3	101.3
71	54.1	22.1	82.1
85	37.4	5.4	65.4

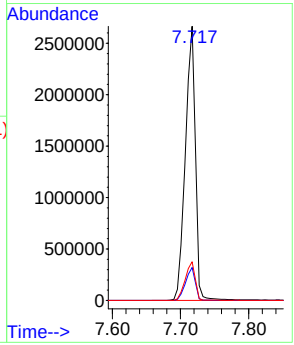


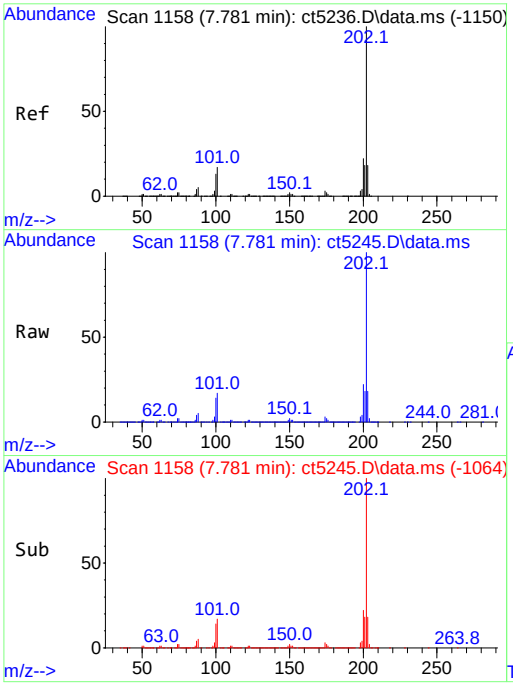


#85
benzidine
Concen: 89.89 ppm
RT: 7.717 min Scan# 1146
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:184 Resp: 2723150

Ion	Ratio	Lower	Upper
184	100		
183	11.8	9.1	13.7
185	14.2	11.1	16.7

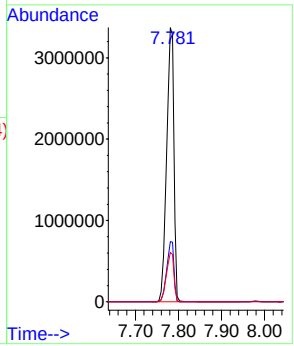


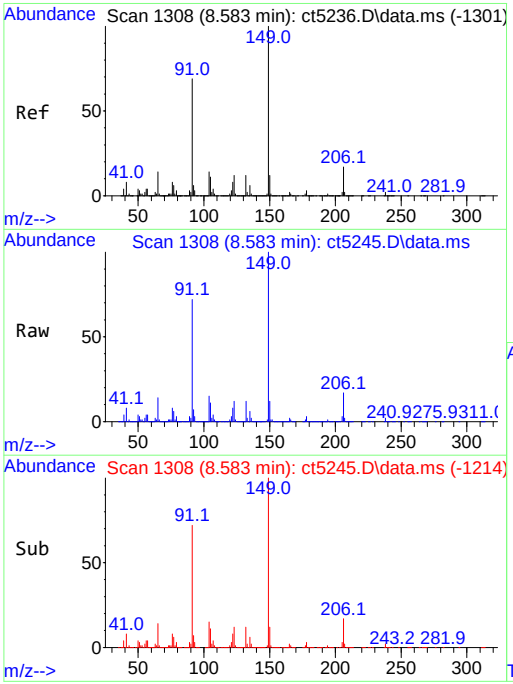


#86
Pyrene
Concen: 88.05 ppm
RT: 7.781 min Scan# 1158
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:202 Resp: 3979188

Ion	Ratio	Lower	Upper
202	100		
200	22.0	0.0	51.5
203	18.0	0.0	47.8

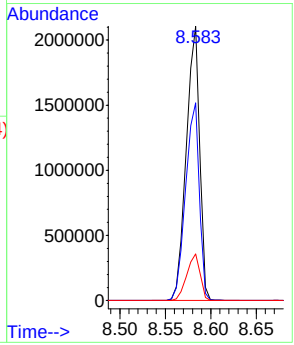


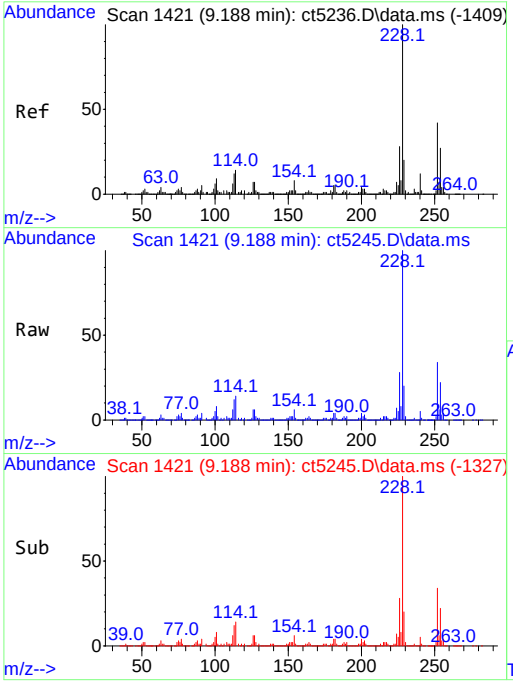


#88
Butylbenzylphthalate
Concen: 89.80 ppm
RT: 8.583 min Scan# 1308
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:149 Resp: 2143905

Ion	Ratio	Lower	Upper
149	100		
91	72.0	39.4	99.4
206	17.0	0.0	46.7

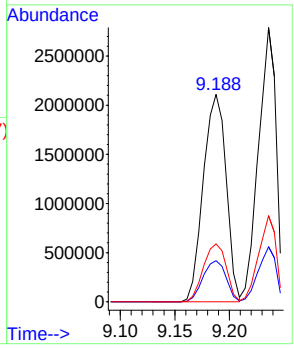


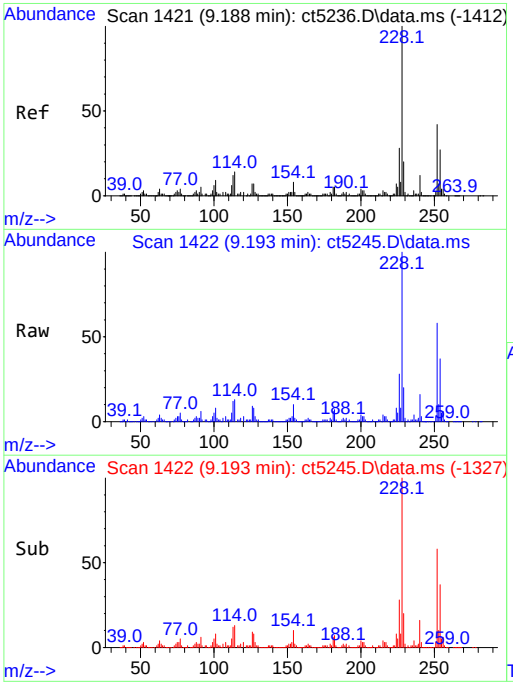


#89
Benzo[a]anthracene
Concen: 86.59 ppm
RT: 9.188 min Scan# 1421
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:228 Resp: 3068345

Ion	Ratio	Lower	Upper
228	100		
229	19.9	0.0	50.1
226	28.0	0.0	58.2

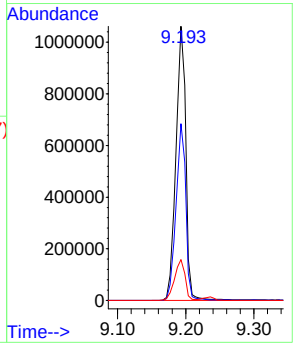


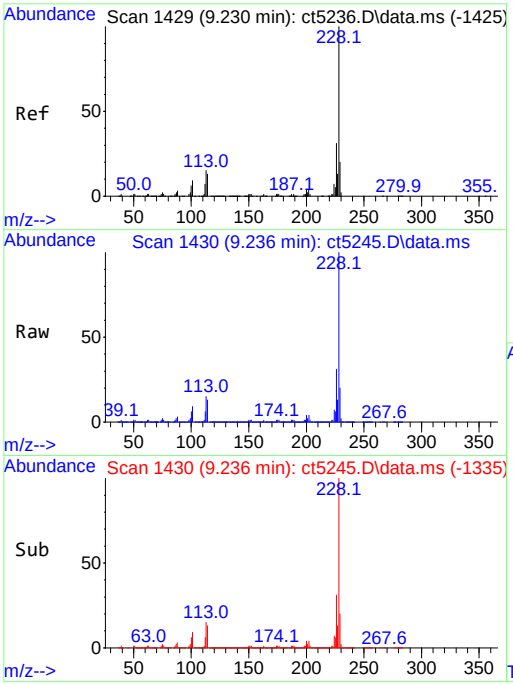


#90
3,3'-Dichlorobenzidine
Concen: 84.27 ppm
RT: 9.193 min Scan# 1422
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:252 Resp: 1071551

Ion	Ratio	Lower	Upper
252	100		
254	64.4	33.8	93.8
126	14.9	0.0	47.4

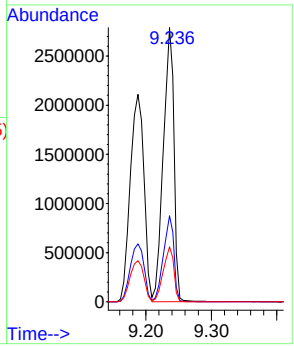


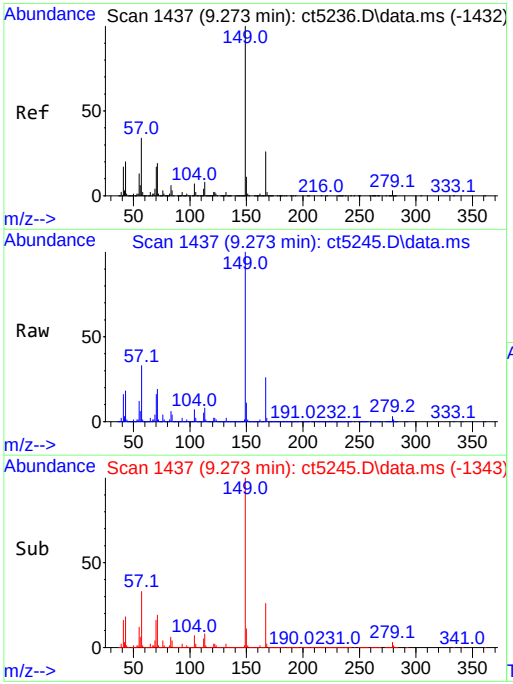


#91
Chrysene
Concen: 86.25 ppm
RT: 9.236 min Scan# 1430
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:228 Resp: 3168247

Ion	Ratio	Lower	Upper
228	100		
226	31.4	0.6	60.6
229	20.1	0.0	49.6

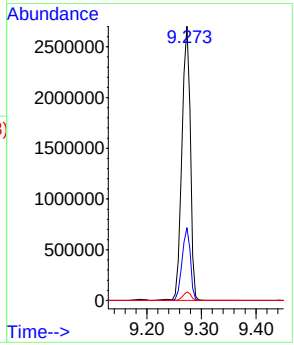


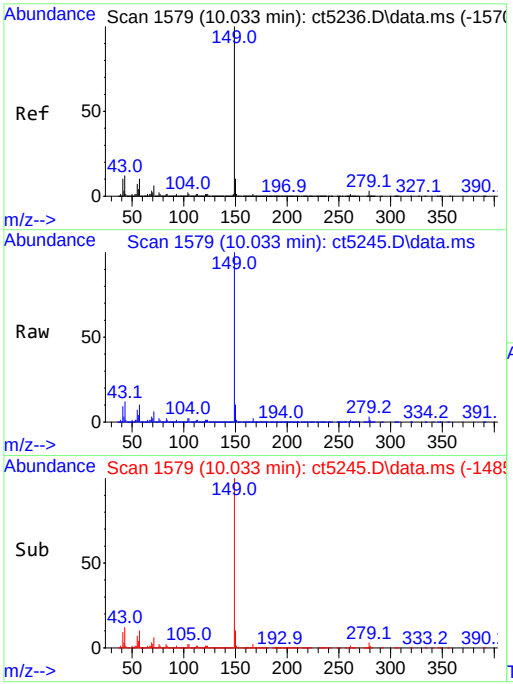


#92
bis(2-Ethylhexyl)phthalate
Concen: 88.21 ppm
RT: 9.273 min Scan# 1437
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:149 Resp: 2887347

Ion	Ratio	Lower	Upper
149	100		
167	26.5	0.0	56.2
279	3.1	0.0	32.9

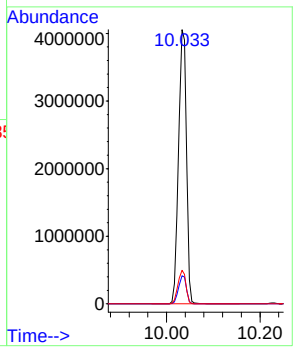


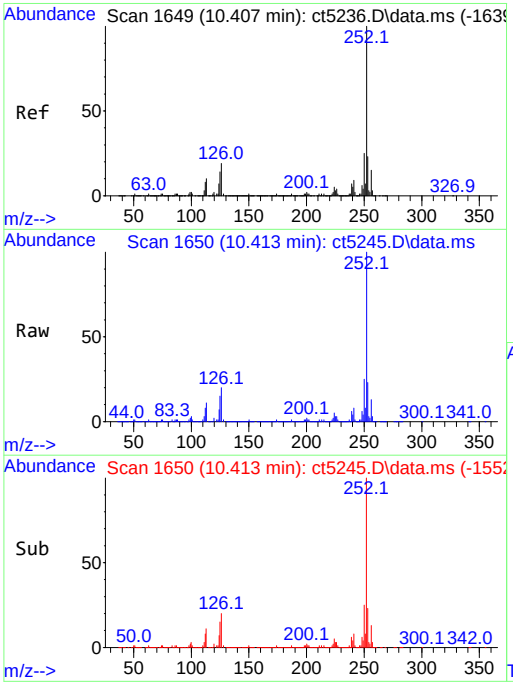


#94
Di-n-octylphthalate
Concen: 79.59 ppm
RT: 10.033 min Scan# 1579
Delta R.T. 0.000 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:149 Resp: 4742314

Ion	Ratio	Lower	Upper
149	100		
150	10.3	0.0	40.0
43	12.2	0.0	42.5

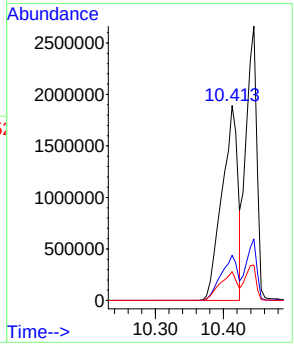


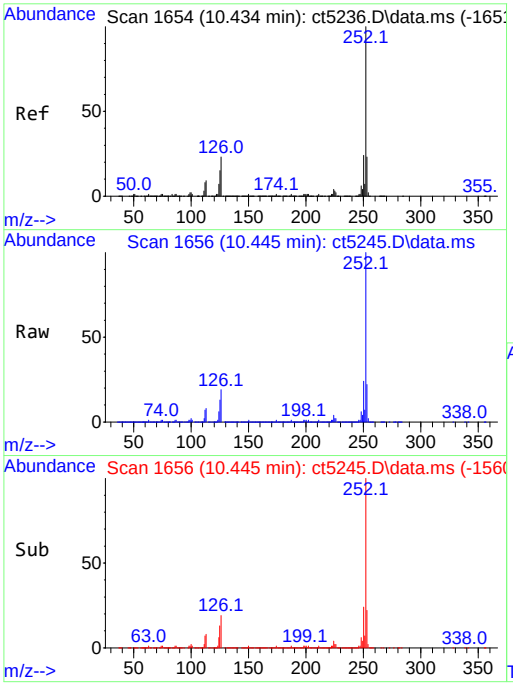


#95
Benzo[b]fluoranthene
Concen: 82.69 ppm
RT: 10.413 min Scan# 1650
Delta R.T. 0.025 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:252 Resp: 3058149

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	53.2
125	15.2	0.0	44.2

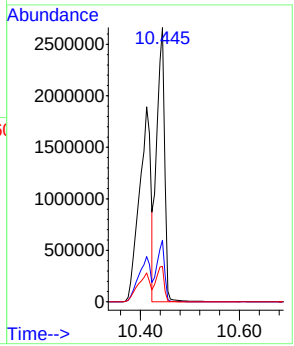


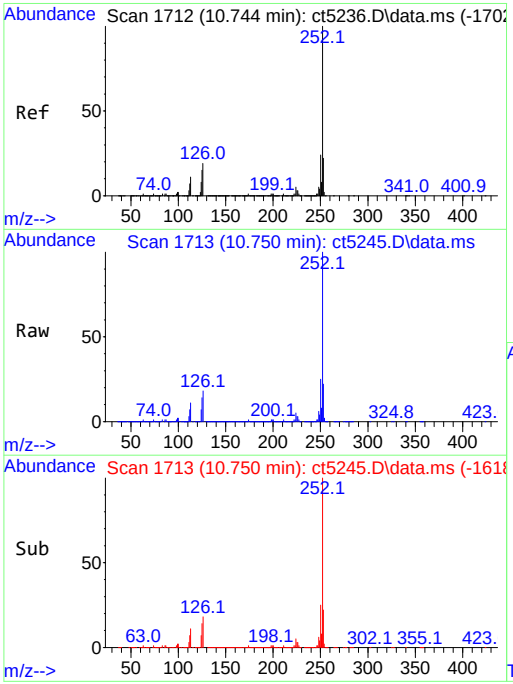


#96
Benzo[k]fluoranthene
Concen: 79.07 ppm
RT: 10.445 min Scan# 1656
Delta R.T. 0.011 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:252 Resp: 2949460

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	52.5
125	12.8	0.0	45.1

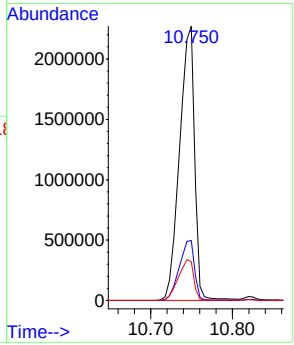


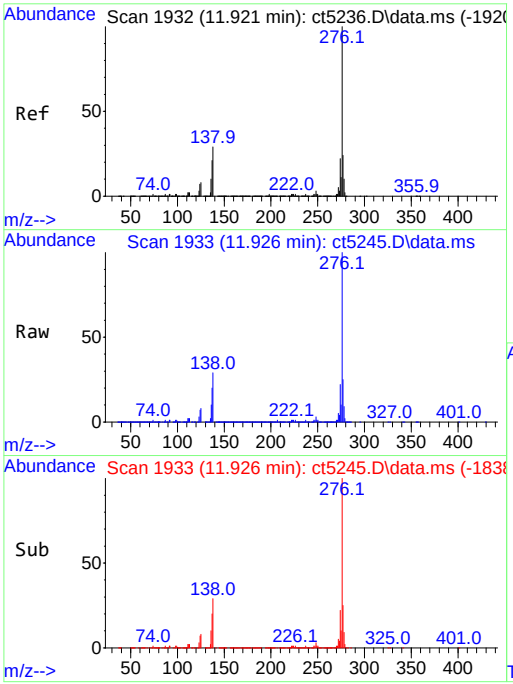


#97
Benzo[a]pyrene
Concen: 82.85 ppm
RT: 10.750 min Scan# 1713
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:252 Resp: 2911053

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	52.4
125	14.1	0.0	44.9

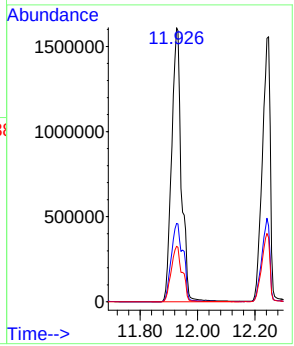


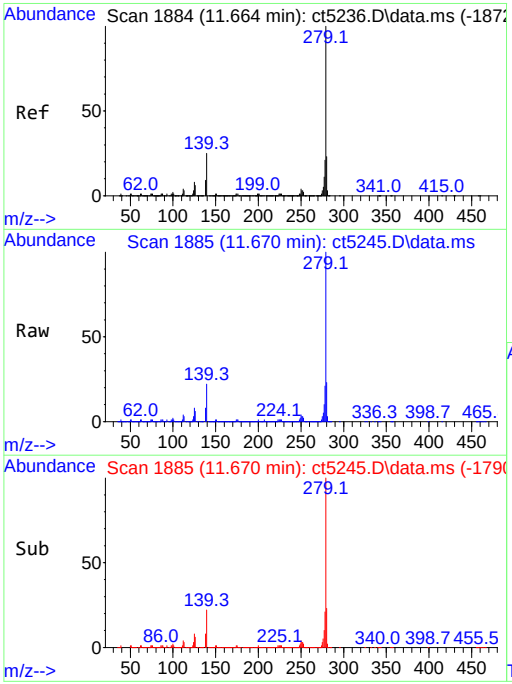


#98
Indeno[1,2,3-cd]pyrene
Concen: 87.24 ppm
RT: 11.926 min Scan# 1933
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:276 Resp: 3819869

Ion	Ratio	Lower	Upper
276	100		
138	28.6	0.0	59.2
137	20.2	0.0	50.7

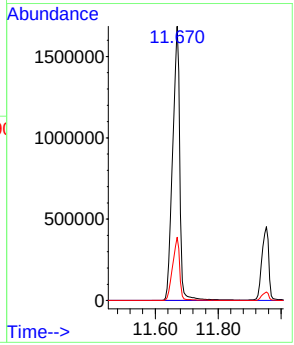


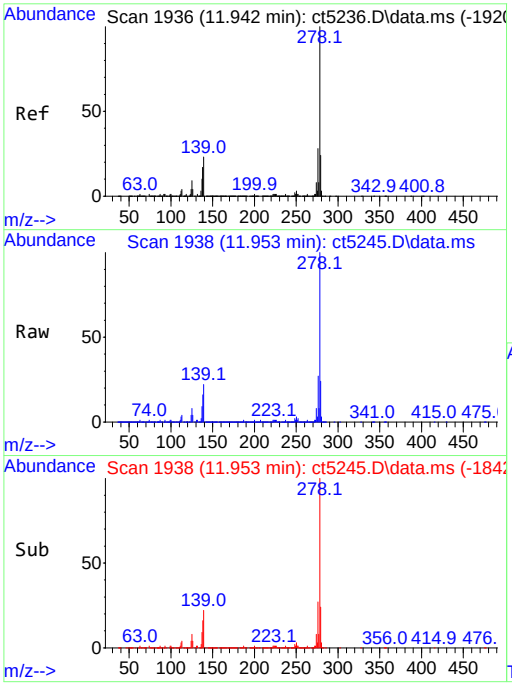


#99
Dibenz(a,h)acridine
Concen: 86.66 ppm
RT: 11.670 min Scan# 1885
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:279 Resp: 2657078

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	23.1	0.0	53.2

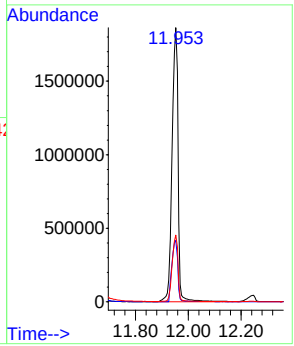


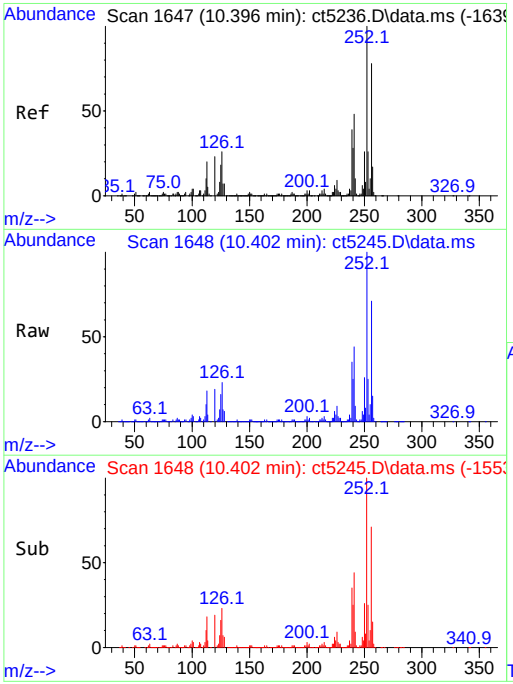


#100
Dibenz[a,h]anthracene
Concen: 83.14 ppm
RT: 11.953 min Scan# 1938
Delta R.T. 0.011 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:278 Resp: 2933428

Ion	Ratio	Lower	Upper
278	100		
139	22.3	0.0	53.3
279	24.3	0.0	53.8

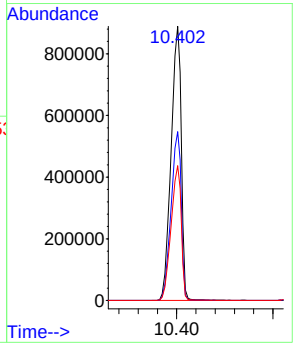


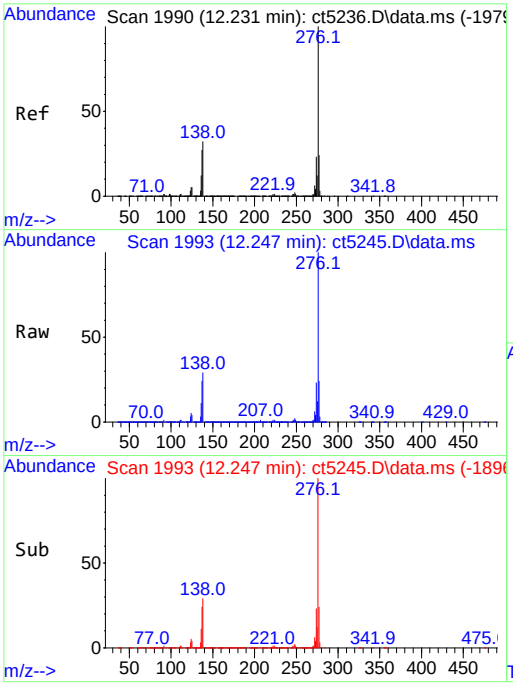


#101
7,12-Dimethylbenz(a)anthracene
Concen: 82.03 ppm
RT: 10.402 min Scan# 1648
Delta R.T. 0.006 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:256 Resp: 1299841

Ion	Ratio	Lower	Upper
256	100		
241	61.6	32.2	92.2
239	49.1	19.8	79.8

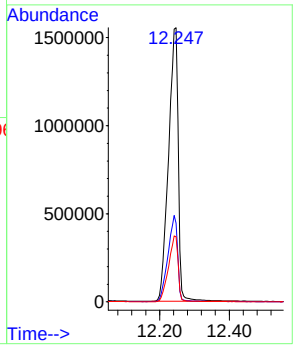




#102
Benzo[g,h,i]perylene
Concen: 87.91 ppm
RT: 12.247 min Scan# 1993
Delta R.T. 0.016 min
Lab File: ct5245.D
Acq: 15 Feb 2024 02:22 pm

Tgt Ion:276 Resp: 3017034

Ion	Ratio	Lower	Upper
276	100		
138	28.7	1.8	61.8
277	23.7	0.0	53.9



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5246.D
Acq On : 15 Feb 2024 02:42 pm
Operator : jackleey
Sample : icv266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 16 09:40:23 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	3.202	152	433637	40.00	ppm		0.00
24) Naphthalene-d8	3.892	136	1642500	40.00	ppm		0.00
46) Acenaphthene-d10	4.973	164	878310	40.00	ppm		0.00
69) Phenanthrene-d10	6.246	188	1578268	40.00	ppm		0.00
84) Chrysene-d12	9.198	240	1119854	40.00	ppm		0.00
93) Perylene-d12	10.798	264	1190007	40.00	ppm		0.00
103) 1,4-Dichlorobenzene-d4a	3.202	152	433637	40.00	ppm		0.00
105) Phenanthrene-d10a	6.246	188	1578268	40.00	ppm		0.00
107) Naphthalene-d8a	3.892	136	1642500	40.00	ppm		0.00
109) Phenanthrene-d10b	6.246	188	1578268	40.00	ppm		0.00
112) Chrysene-d12a	9.198	240	1119854	40.00	ppm		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0	0.00	ppm		
Spiked Amount 50.000			Recovery = 0.00%				
8) Phenol-d5	0.000	99	0d	0.00	ppm		
Spiked Amount 50.000			Recovery = 0.00%				
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm		
Spiked Amount 50.000			Recovery = 0.00%				
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm		
Spiked Amount 50.000			Recovery = 0.00%				
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm		
Spiked Amount 50.000			Recovery = 0.00%				
87) Terphenyl-d14	0.000	244	0d	0.00	ppm		
Spiked Amount 50.000			Recovery = 0.00%				
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm		
Spiked Amount 50.000			Recovery = 0.00%				
111) o-terphenyl	0.000	230	0	0.00	ppm		
Spiked Amount 50.000			Recovery = 0.00%				
Target Compounds							Qvalue
2) 1,4-Dioxane	1.705	88	366067	54.23	ppm		99
6) Indene	3.341	116	1220299	48.63	ppm		100
7) Cumene	2.785	105	1781390	55.68	ppm		99
11) bis(2-Chloroethyl)ether	3.063	93	822488	51.93	ppm		98
13) Decane	3.090	43	1120608	50.56	ppm		98
14) 1,3-Dichlorobenzene	3.176	146	895371	52.97	ppm		100
15) 1,4-Dichlorobenzene	3.213	146	867691	51.71	ppm		99
16) Benzyl alcohol	3.277	108	573345	54.31	ppm		99
17) 1,2-Dichlorobenzene	3.293	146	849083	52.31	ppm		100
18) Acetophenone	3.416	105	1163833	54.60	ppm		100
20) 2,2'-oxybis(1-Chloropr...	3.336	121	217166	49.71	ppm	#	84
23) Hexachloroethane	3.470	201	284316	53.73	ppm		98
26) Nitrobenzene	3.513	77	897070	52.89	ppm		95
27) Quinoline	4.090	129	1484773	48.38	ppm		99
28) Isophorone	3.636	82	1560386	51.47	ppm		99
32) bis(2-Chloroethoxy)met...	3.748	93	971572	51.26	ppm		100
35) 1,3,5-Trichlorobenzene	3.684	180	678582	52.97	ppm		98
36) 1,2,4-Trichlorobenzene	3.855	180	661983	52.38	ppm		99
37) 1,2,3-Trichlorobenzene	3.978	180	631911	51.34	ppm		97
38) Naphthalene	3.903	128	2155518	49.78	ppm		100
40) 2,3-Dichloroaniline	4.465	161	734536	52.61	ppm		98
42) Hexachlorobutadiene	3.957	225	330866	50.70	ppm		99
44) 2-Methylnaphthalene	4.294	141	1237624	48.97	ppm		99
45) 1-Methylnaphthalene	4.352	141	1308273	50.37	ppm		99
47) Hexachlorocyclopentadiene	4.368	237	497417	91.95	ppm		99

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5246.D
Acq On : 15 Feb 2024 02:42 pm
Operator : jackleey
Sample : icv266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 16 09:40:23 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration

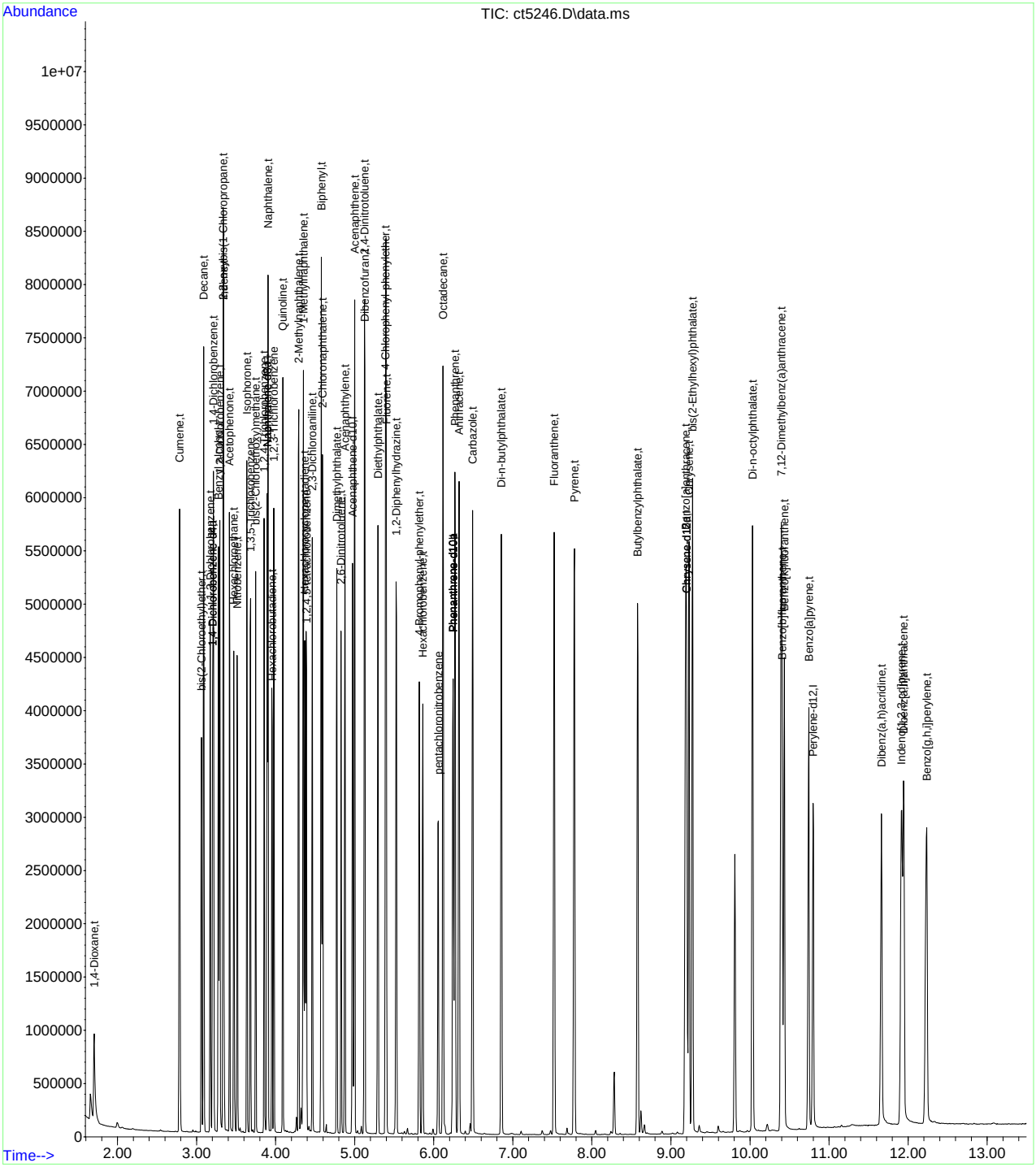
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48)	1,2,4,5-tetrachloroben...	4.390	216	596625	52.39	ppm	100
52)	2-Chloronaphthalene	4.593	162	1345863	52.14	ppm	98
53)	Biphenyl	4.577	154	1712361	51.45	ppm	100
55)	Dimethylphthalate	4.775	163	1591702	52.94	ppm	100
56)	Acenaphthylene	4.877	152	1850397	46.14	ppm	100
57)	2,6-Dinitrotoluene	4.828	165	371798	58.93	ppm	97
59)	Acenaphthene	5.000	153	1442892	53.20	ppm	100
62)	Dibenzofuran	5.128	168	1798551	50.49	ppm	98
63)	2,4-Dinitrotoluene	5.123	165	442173	53.63	ppm	96
65)	Diethylphthalate	5.294	149	1638070	53.01	ppm	99
66)	Fluorene	5.401	166	1432258	50.97	ppm	99
67)	4-Chlorophenyl-phenyle...	5.390	204	607064	49.84	ppm	93
72)	1,2-Diphenylhydrazine	5.524	77	1745515	52.81	ppm	97
73)	pentachloronitrobenzene	6.059	295	74646	59.59	ppm	99
75)	4-Bromophenyl-phenylether	5.818	248	378003	52.58	ppm	97
76)	Hexachlorobenzene	5.861	284	430515	52.72	ppm	95
78)	Phenanthrene	6.267	178	2213649	51.87	ppm	100
79)	Anthracene	6.321	178	2236023	51.73	ppm	100
80)	Carbazole	6.492	167	2217081	53.25	ppm	99
81)	Di-n-butylphthalate	6.856	149	2779690	55.17	ppm	100
82)	Fluoranthene	7.524	202	2329655	53.18	ppm	99
83)	Octadecane	6.117	57	1451718	51.67	ppm	99
86)	Pyrene	7.781	202	2412578	53.18	ppm	99
88)	Butylbenzylphthalate	8.578	149	1248734	55.83	ppm	92
89)	Benzo[a]anthracene	9.188	228	2045318	55.48	ppm	100
91)	Chrysene	9.230	228	1934635	50.71	ppm	100
92)	bis(2-Ethylhexyl)phtha...	9.273	149	1753643	56.07	ppm	100
94)	Di-n-octylphthalate	10.033	149	2958846	57.96	ppm	100
95)	Benzo[b]fluoranthene	10.407	252	1856104	51.79	ppm	99
96)	Benzo[k]fluoranthene	10.434	252	1770181	49.47	ppm	99
97)	Benzo[a]pyrene	10.744	252	1633192	51.44	ppm	100
98)	Indeno[1,2,3-cd]pyrene	11.915	276	1981295	51.04	ppm	98
99)	Dibenz(a,h)acridine	11.664	279	1494126	56.90	ppm	99
100)	Dibenz[a,h]anthracene	11.942	278	1716426	55.56	ppm	98
101)	7,12-Dimethylbenz(a)an...	10.396	256	724034	47.50	ppm	99
102)	Benzo[g,h,i]perylene	12.236	276	1746116	56.31	ppm	99

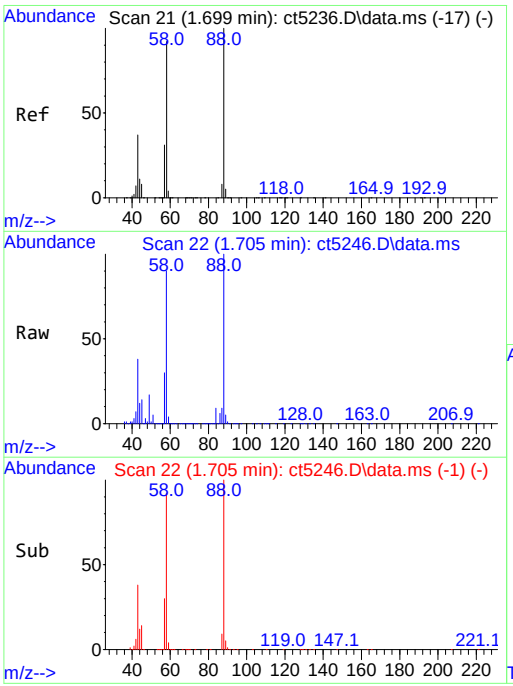
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5246.D
Acq On : 15 Feb 2024 02:42 pm
Operator : jackleey
Sample : icv266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 16 09:40:23 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration

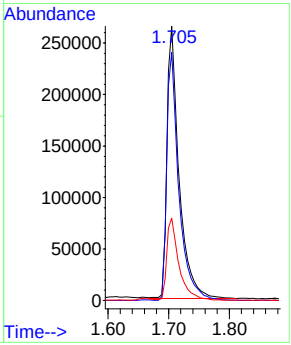


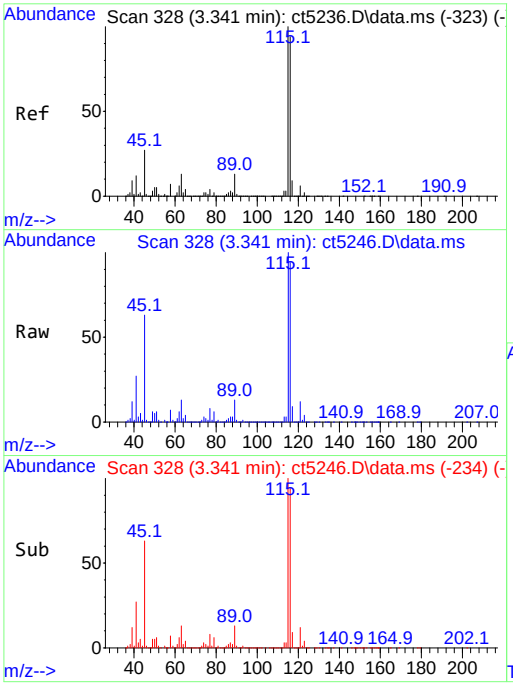


#2
1,4-Dioxane
Concen: 54.23 ppm
RT: 1.705 min Scan# 22
Delta R.T. 0.006 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion: 88 Resp: 366067

Ion	Ratio	Lower	Upper
88	100		
58	91.1	61.7	121.7
57	29.9	1.2	61.2

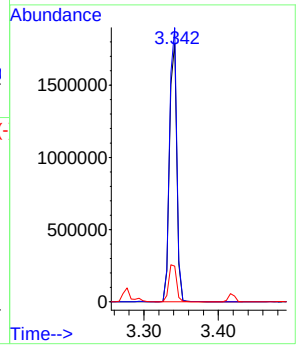


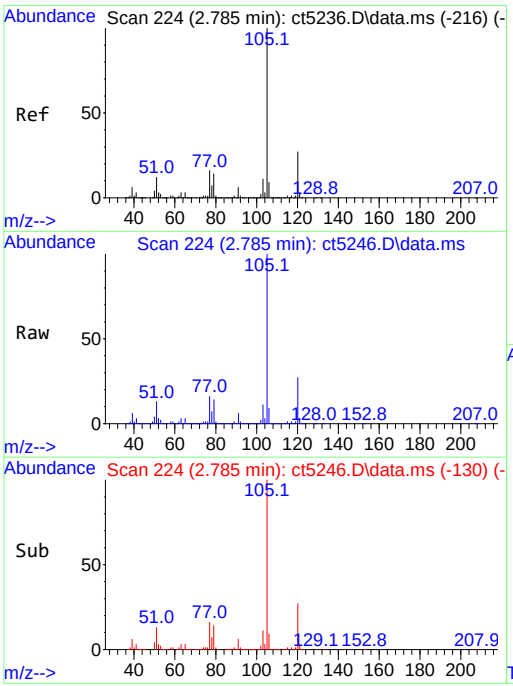


#6
Indene
Concen: 48.63 ppm
RT: 3.341 min Scan# 328
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:116 Resp: 1220299

Ion	Ratio	Lower	Upper
116	100		
115	105.9	76.2	136.2
63	13.7	0.0	44.0

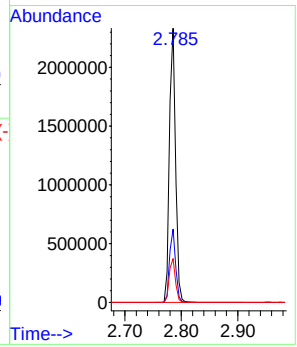


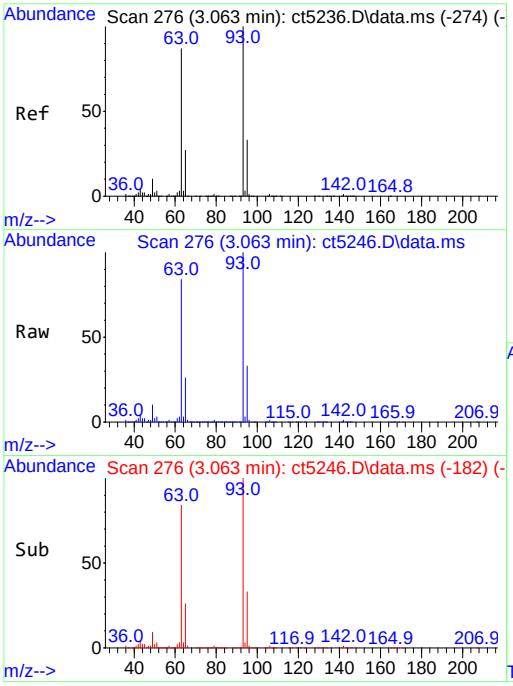


#7
Cumene
Concen: 55.68 ppm
RT: 2.785 min Scan# 224
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:105 Resp: 1781390

Ion	Ratio	Lower	Upper
105	100		
120	26.7	0.0	57.0
77	16.0	0.0	45.8

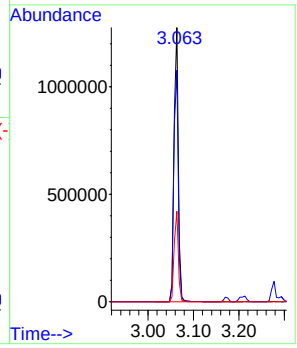


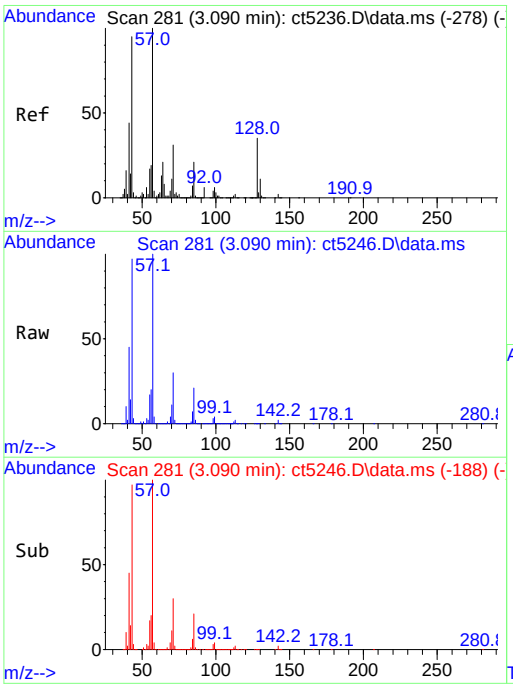


#11
bis(2-Chloroethyl)ether
Concen: 51.93 ppm
RT: 3.063 min Scan# 276
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion: 93 Resp: 822488

Ion	Ratio	Lower	Upper
93	100		
63	83.5	55.8	115.8
95	32.9	2.8	62.8

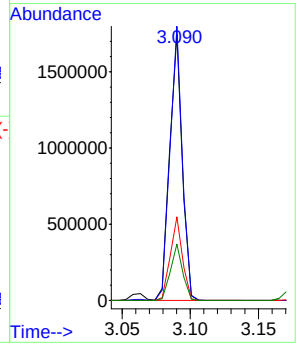


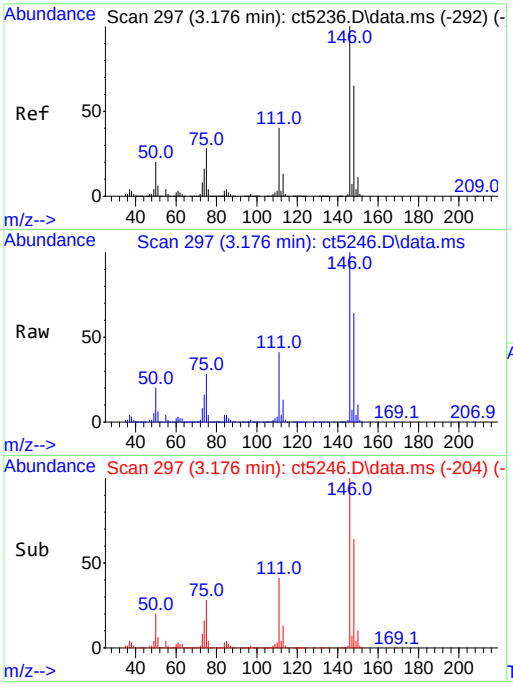


#13
Decane
Concen: 50.56 ppm
RT: 3.090 min Scan# 281
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion: 43 Resp: 1120608

Ion	Ratio	Lower	Upper
43	100		
57	103.1	74.9	134.9
71	31.4	2.5	62.5
85	21.2	0.0	51.7

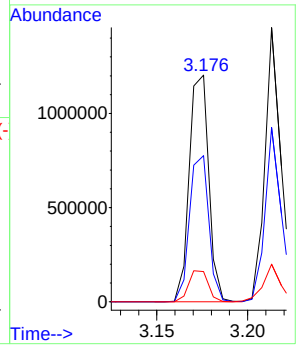


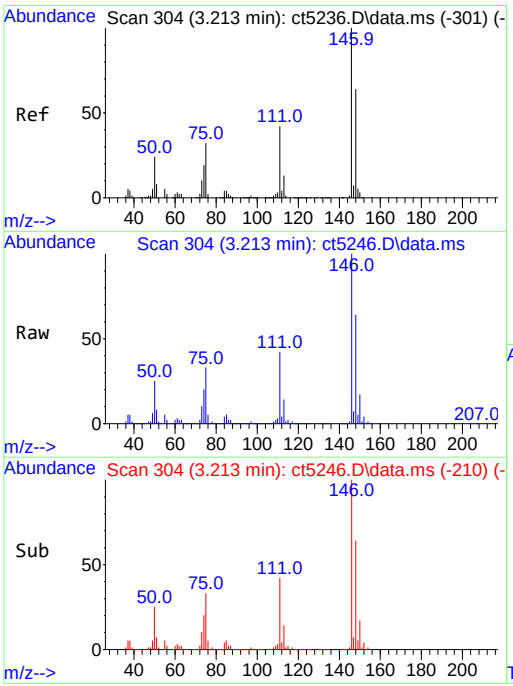


#14
1,3-Dichlorobenzene
Concen: 52.97 ppm
RT: 3.176 min Scan# 297
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:146 Resp: 895371

Ion	Ratio	Lower	Upper
146	100		
148	64.5	34.7	94.7
113	13.1	0.0	42.9

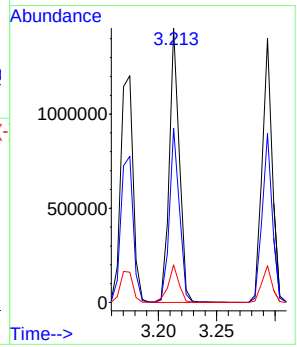


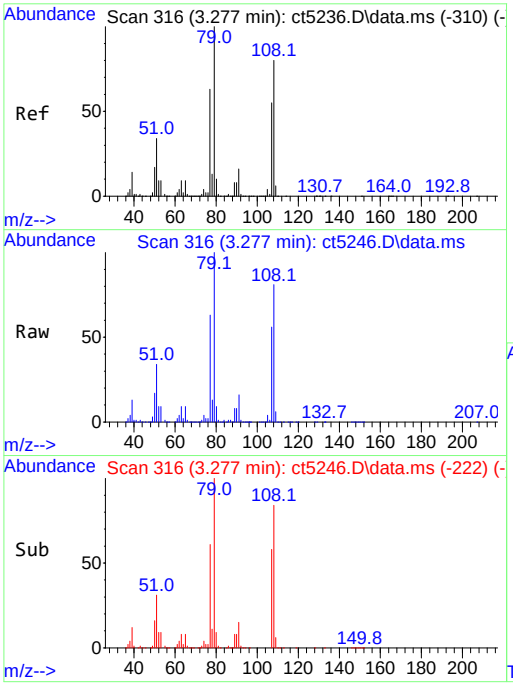


#15
1,4-Dichlorobenzene
Concen: 51.71 ppm
RT: 3.213 min Scan# 304
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:146 Resp: 867691

Ion	Ratio	Lower	Upper
146	100		
148	63.6	34.0	94.0
113	13.6	0.0	43.5

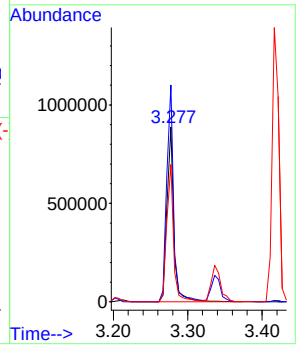


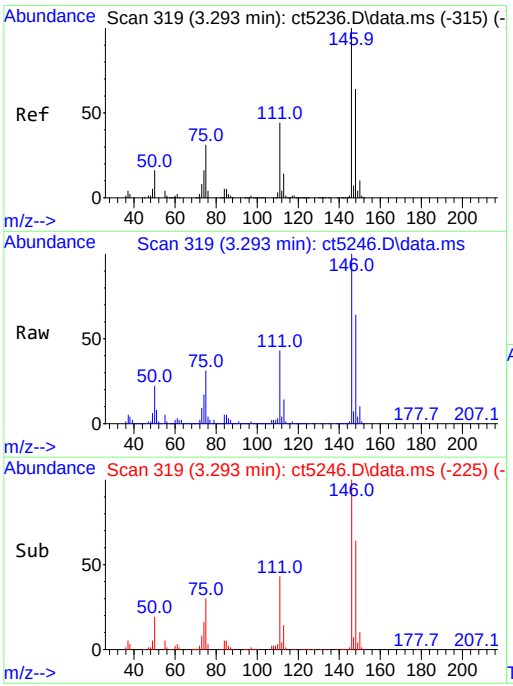


#16
Benzyl alcohol
Concen: 54.31 ppm
RT: 3.277 min Scan# 316
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:108 Resp: 573345

Ion	Ratio	Lower	Upper
108	100		
79	123.8	95.0	155.0
77	78.4	49.3	109.3

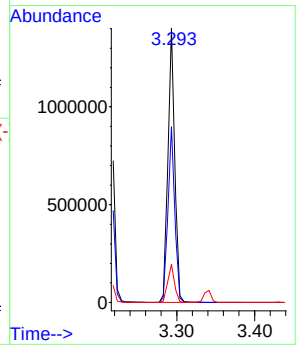


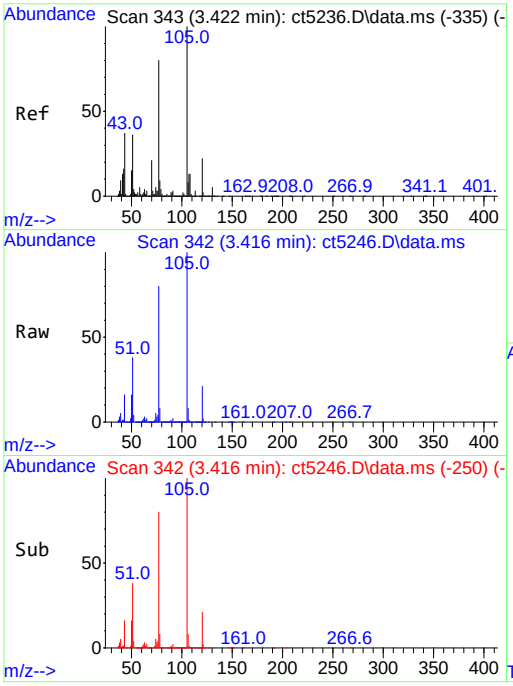


#17
1,2-Dichlorobenzene
Concen: 52.31 ppm
RT: 3.293 min Scan# 319
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:146 Resp: 849083

Ion	Ratio	Lower	Upper
146	100		
148	64.0	34.2	94.2
113	13.9	0.0	44.1

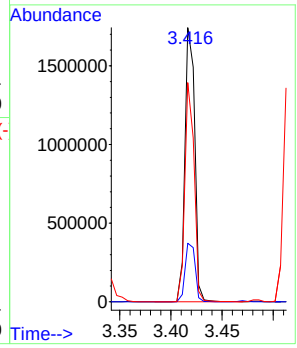


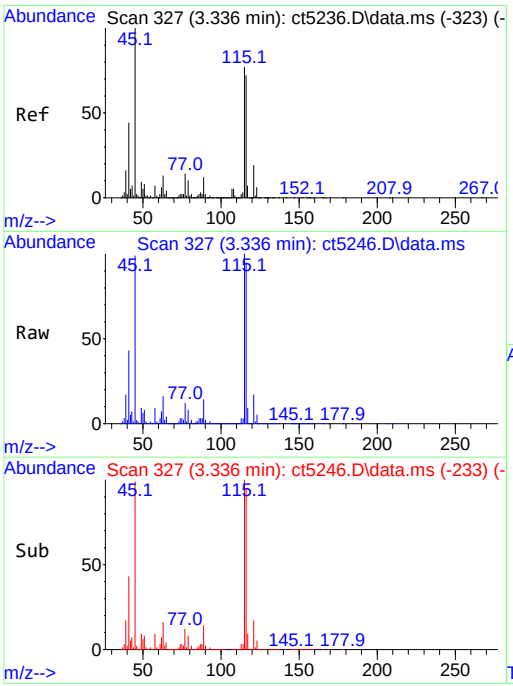


#18
Acetophenone
Concen: 54.60 ppm
RT: 3.416 min Scan# 342
Delta R.T. -0.006 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:105 Resp: 1163833

Ion	Ratio	Lower	Upper
105	100		
120	21.2	0.0	51.5
77	79.9	49.8	109.8

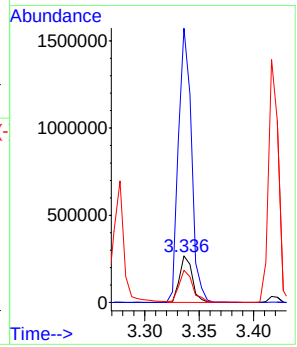


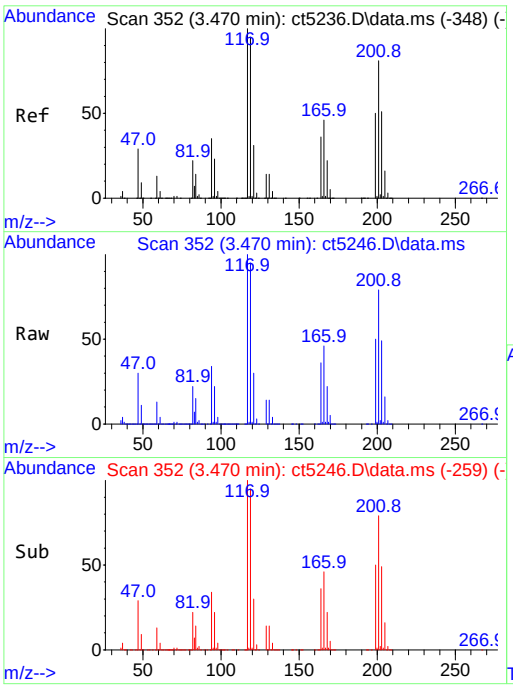


#20
2,2'-oxybis(1-Chloropropane
Concen: 49.71 ppm
RT: 3.336 min Scan# 327
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:121 Resp: 217166

Ion	Ratio	Lower	Upper
121	100		
45	587.3	508.3	568.3#
77	67.3	44.5	104.5

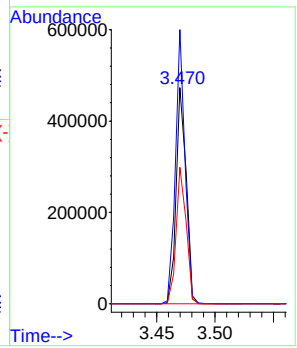


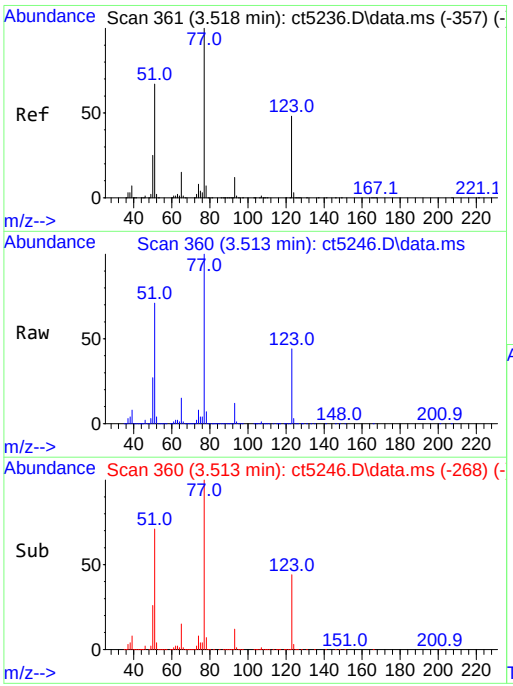


#23
Hexachloroethane
Concen: 53.73 ppm
RT: 3.470 min Scan# 352
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:201 Resp: 284316

Ion	Ratio	Lower	Upper
201	100		
117	126.9	93.9	153.9
199	63.2	32.2	92.2

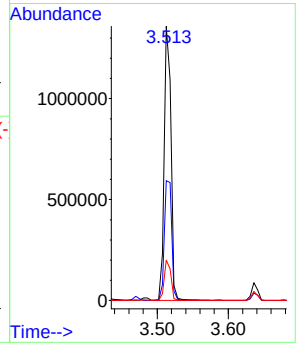


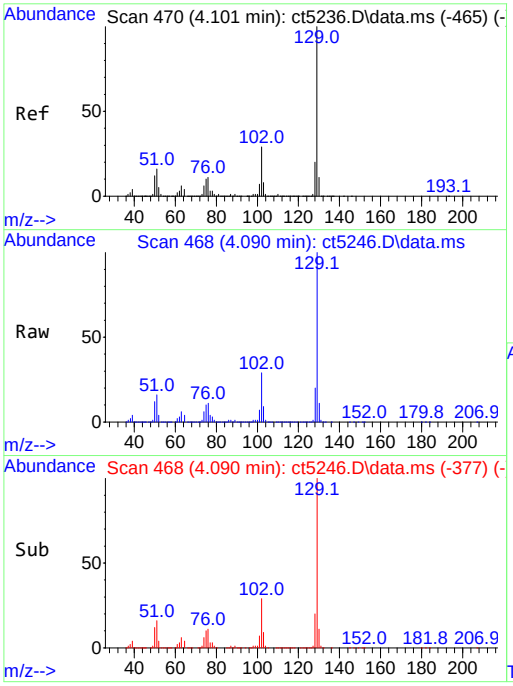


#26
Nitrobenzene
Concen: 52.89 ppm
RT: 3.513 min Scan# 360
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion: 77 Resp: 897070

Ion	Ratio	Lower	Upper
77	100		
123	43.7	18.0	78.0
65	14.7	0.0	44.7

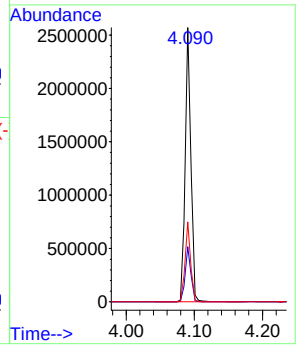


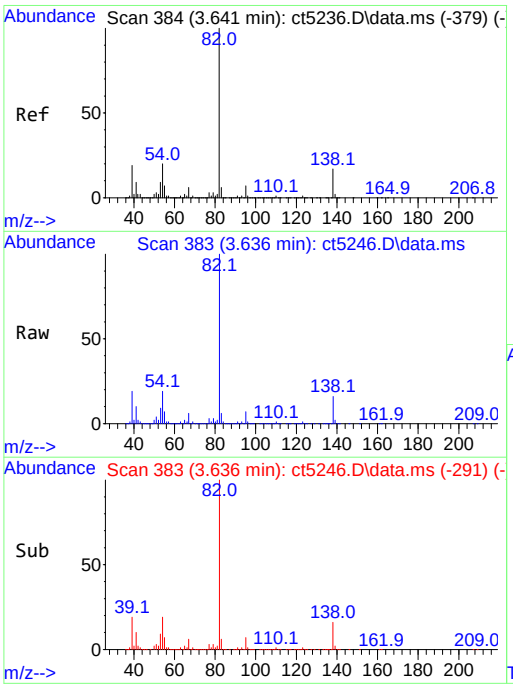


#27
Quinoline
Concen: 48.38 ppm
RT: 4.090 min Scan# 468
Delta R.T. -0.011 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:129 Resp: 1484773

Ion	Ratio	Lower	Upper
129	100		
128	20.0	0.0	49.7
102	29.1	0.0	58.7

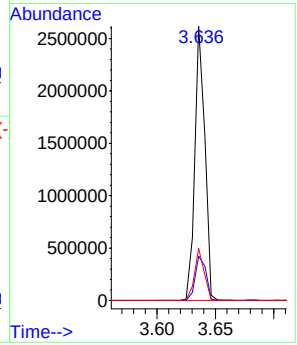


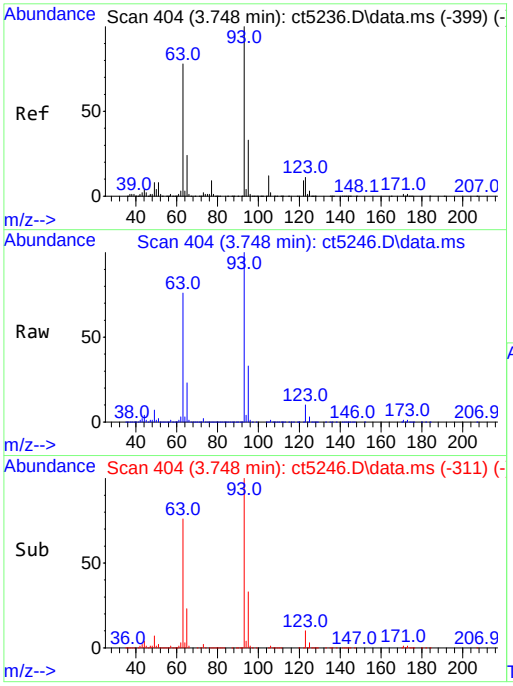


#28
Isophorone
Concen: 51.47 ppm
RT: 3.636 min Scan# 383
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion: 82 Resp: 1560386

Ion	Ratio	Lower	Upper
82	100		
138	16.2	0.0	47.0
39	18.9	0.0	49.1

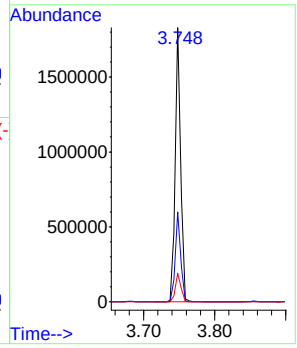


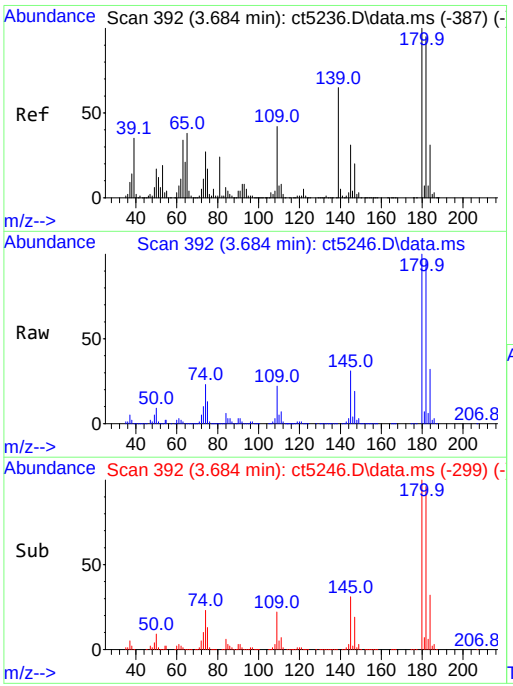


#32
bis(2-Chloroethoxy)methane
Concen: 51.26 ppm
RT: 3.748 min Scan# 404
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion: 93 Resp: 971572

Ion	Ratio	Lower	Upper
93	100		
95	32.8	2.7	62.7
123	10.5	0.0	40.7

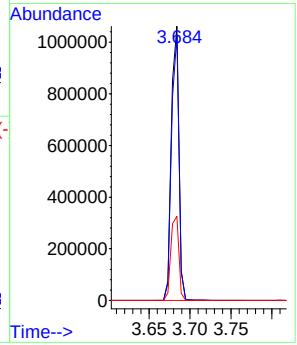


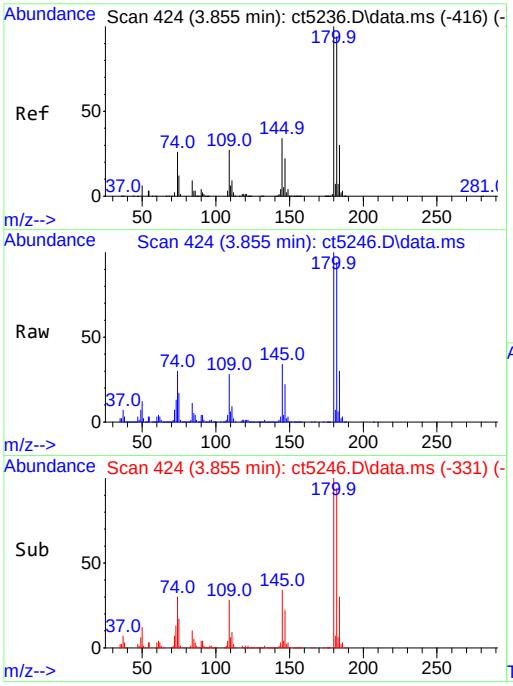


#35
1,3,5-Trichlorobenzene
Concen: 52.97 ppm
RT: 3.684 min Scan# 392
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:180 Resp: 678582

Ion	Ratio	Lower	Upper
180	100		
182	96.5	64.6	124.6
145	30.7	0.9	60.9

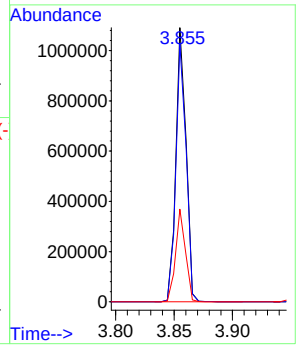


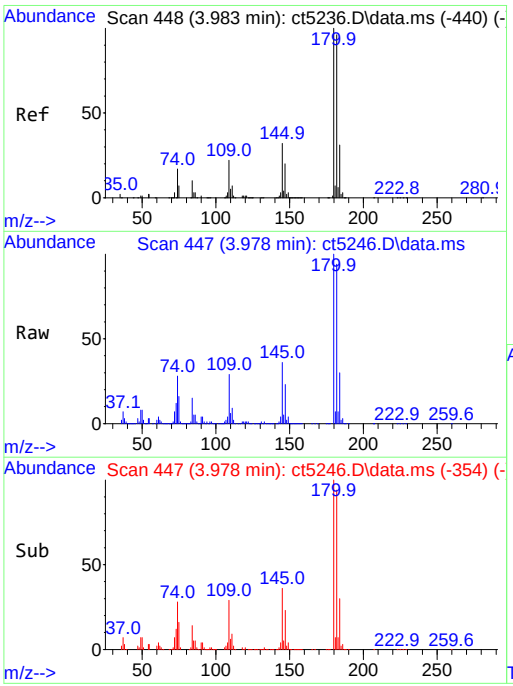


#36
1,2,4-Trichlorobenzene
Concen: 52.38 ppm
RT: 3.855 min Scan# 424
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:180 Resp: 661983

Ion	Ratio	Lower	Upper
180	100		
182	93.9	63.6	123.6
145	33.7	4.3	64.3

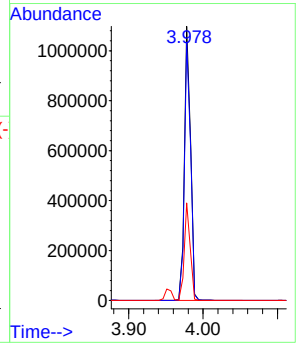


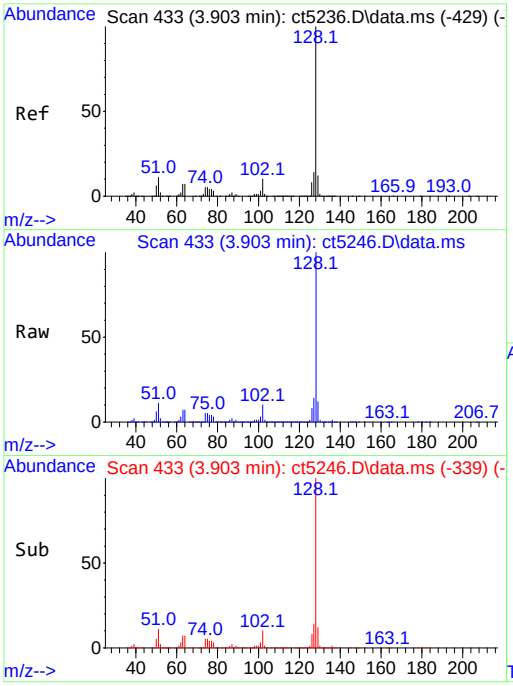


#37
1,2,3-Trichlorobenzene
Concen: 51.34 ppm
RT: 3.978 min Scan# 447
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:180 Resp: 631911

Ion	Ratio	Lower	Upper
180	100		
182	94.2	65.9	125.9
145	35.5	2.0	62.0

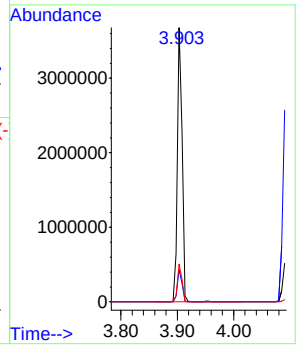


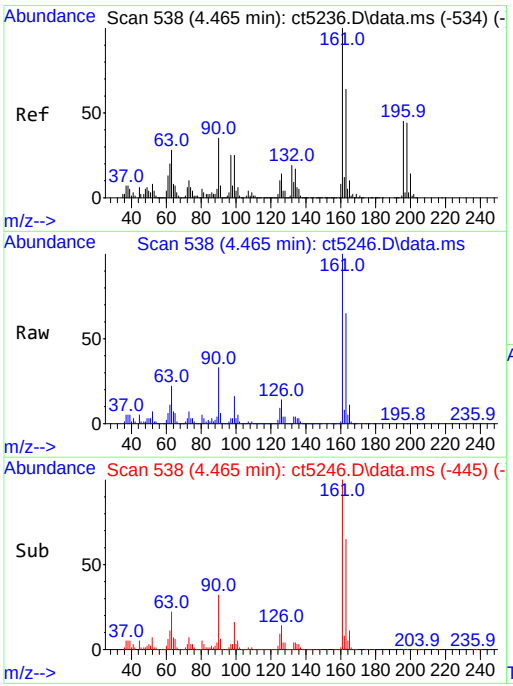


#38
Naphthalene
Concen: 49.78 ppm
RT: 3.903 min Scan# 433
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:128 Resp: 2155518

Ion	Ratio	Lower	Upper
128	100		
129	11.7	0.0	41.7
127	13.8	0.0	43.6

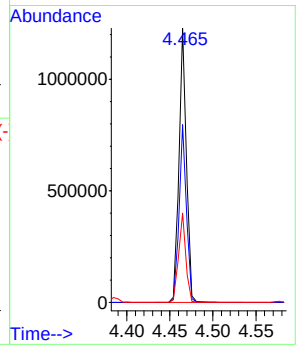


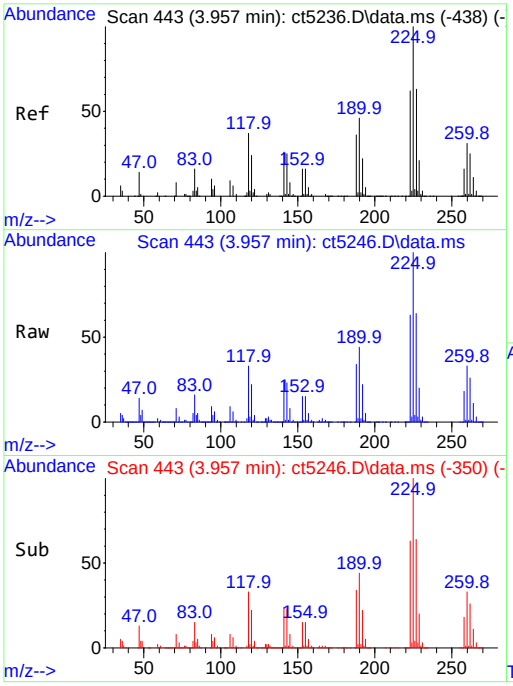


#40
2,3-Dichloroaniline
Concen: 52.61 ppm
RT: 4.465 min Scan# 538
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:161 Resp: 734536

Ion	Ratio	Lower	Upper
161	100		
163	64.8	34.3	94.3
90	32.5	5.3	65.3

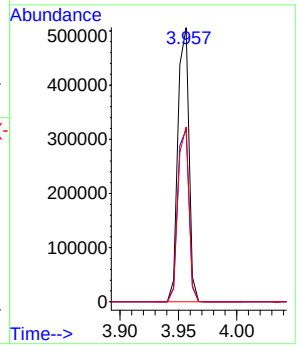


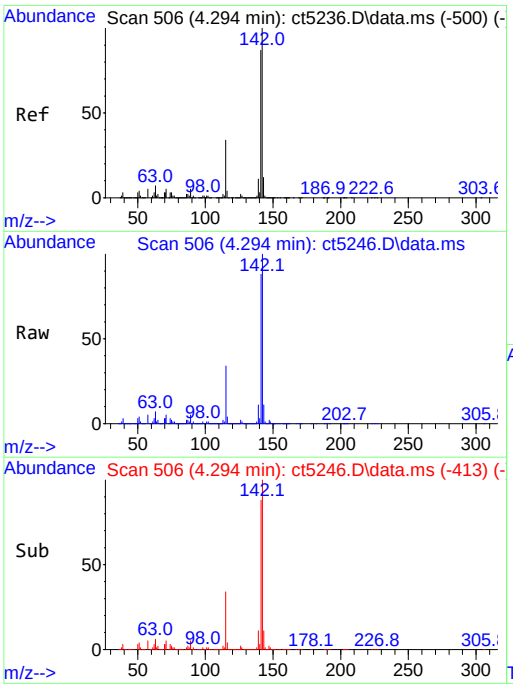


#42
Hexachlorobutadiene
Concen: 50.70 ppm
RT: 3.957 min Scan# 443
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:225 Resp: 330866

Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.1	92.1
227	63.8	33.3	93.3

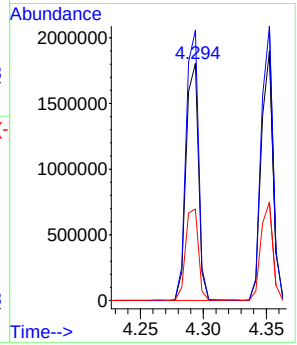


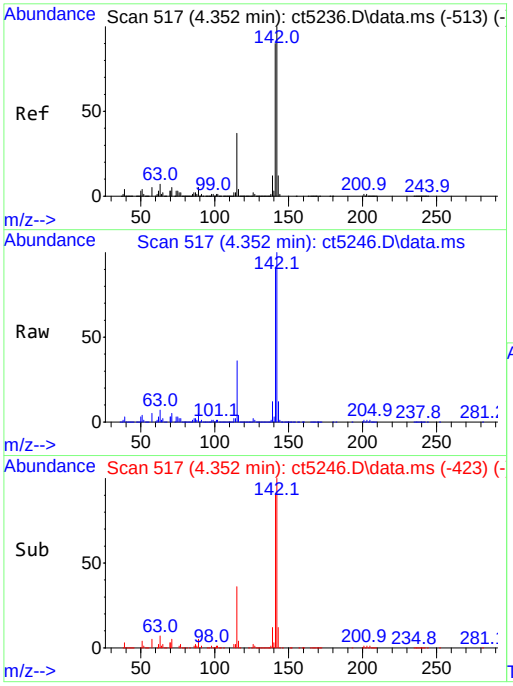


#44
2-Methylnaphthalene
Concen: 48.97 ppm
RT: 4.294 min Scan# 506
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:141 Resp: 1237624

Ion	Ratio	Lower	Upper
141	100		
142	114.1	85.2	145.2
115	38.5	9.7	69.7

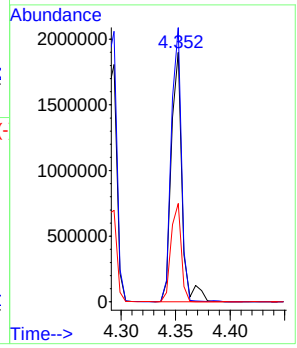


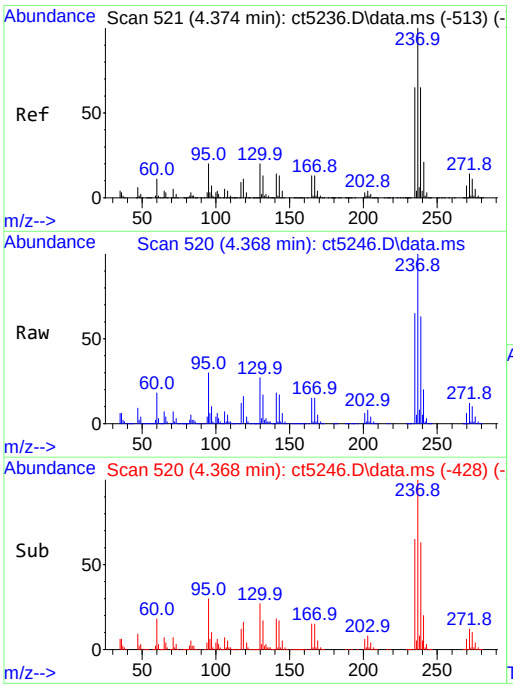


#45
1-Methylnaphthalene
Concen: 50.37 ppm
RT: 4.352 min Scan# 517
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:141 Resp: 1308273

Ion	Ratio	Lower	Upper
141	100		
142	110.0	80.8	140.8
115	39.4	10.8	70.8

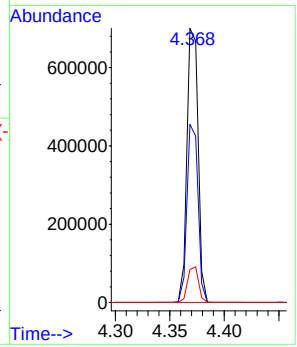


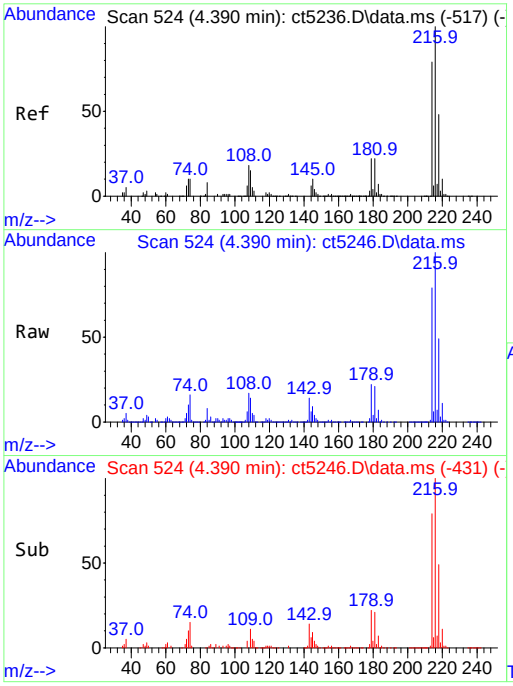


#47
Hexachlorocyclopentadiene
Concen: 91.95 ppm
RT: 4.368 min Scan# 520
Delta R.T. -0.006 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:237 Resp: 497417

Ion	Ratio	Lower	Upper
237	100		
235	64.9	34.5	94.5
272	12.1	0.0	43.6

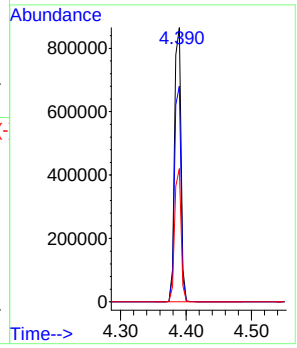


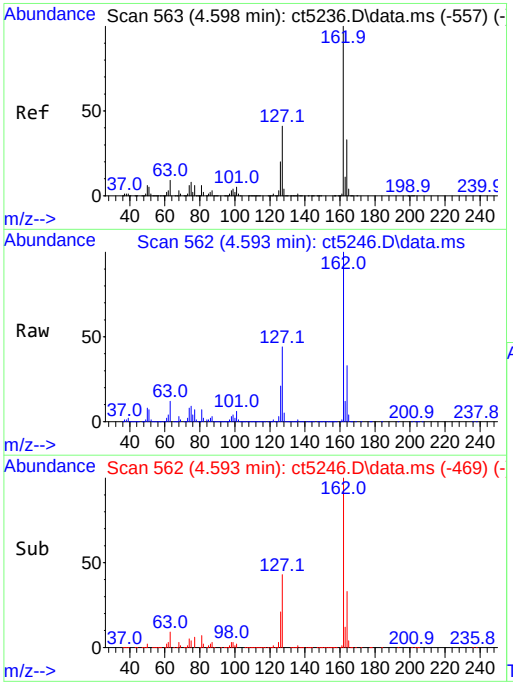


#48
1,2,4,5-tetrachlorobenzene
Concen: 52.39 ppm
RT: 4.390 min Scan# 524
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:216 Resp: 596625

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
218	47.7	38.4	57.6

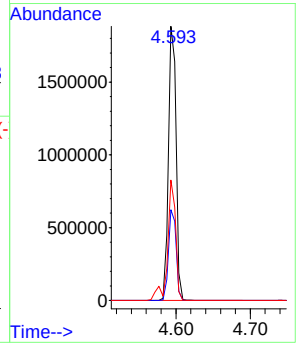


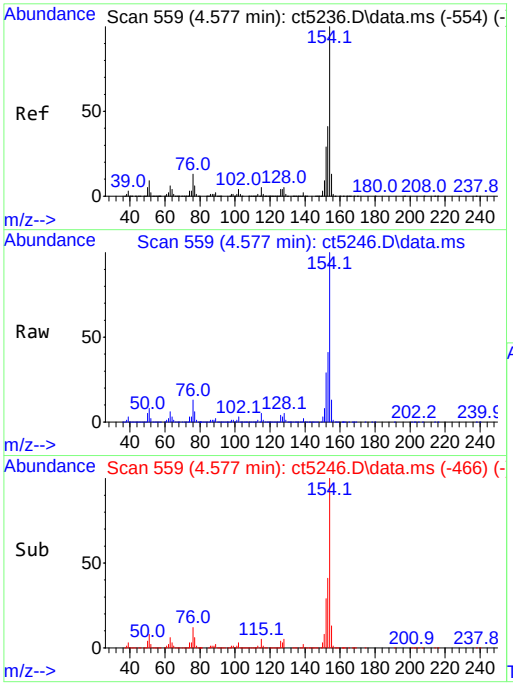


#52
2-Chloronaphthalene
Concen: 52.14 ppm
RT: 4.593 min Scan# 562
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:162 Resp: 1345863

Ion	Ratio	Lower	Upper
162	100		
164	33.1	2.8	62.8
127	42.4	11.0	71.0

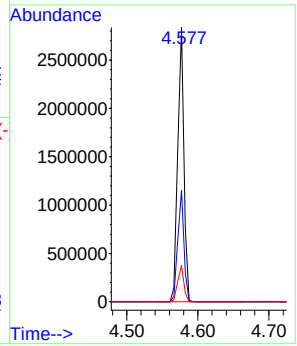


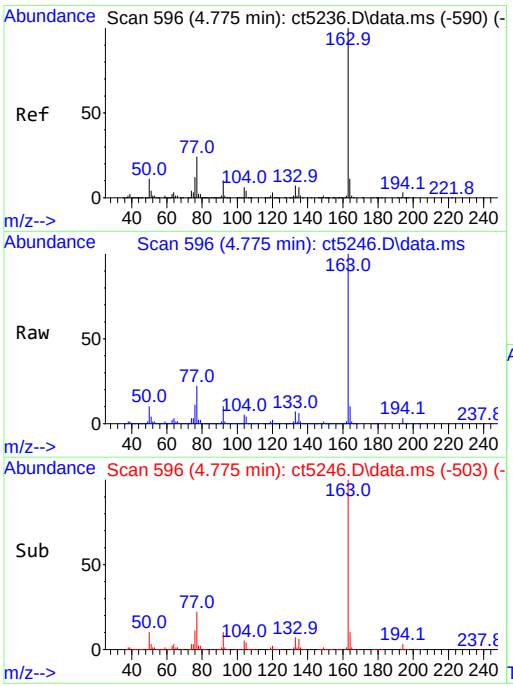


#53
Biphenyl
Concen: 51.45 ppm
RT: 4.577 min Scan# 559
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:154 Resp: 1712361

Ion	Ratio	Lower	Upper
154	100		
153	40.6	10.7	70.7
155	13.2	0.0	43.5

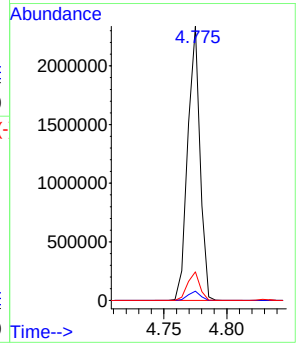


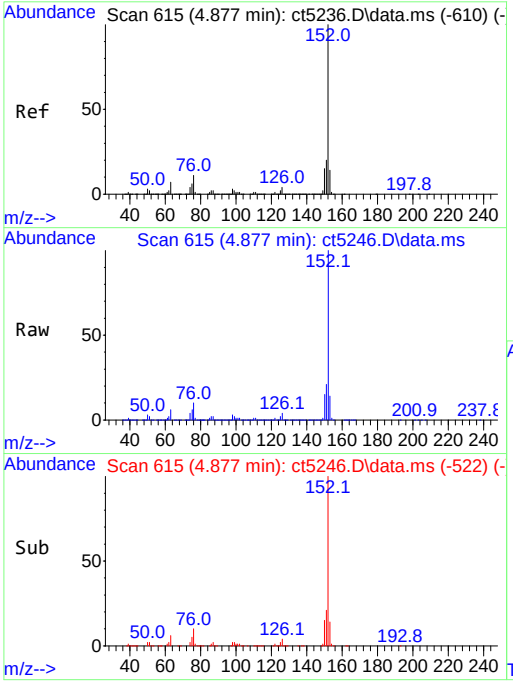


#55
Dimethylphthalate
Concen: 52.94 ppm
RT: 4.775 min Scan# 596
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:163 Resp: 1591702

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	33.4
164	10.5	0.0	40.5

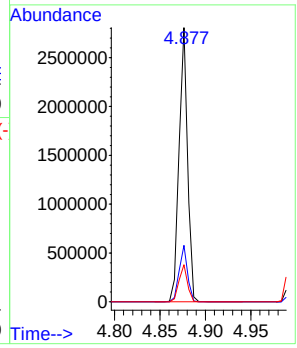


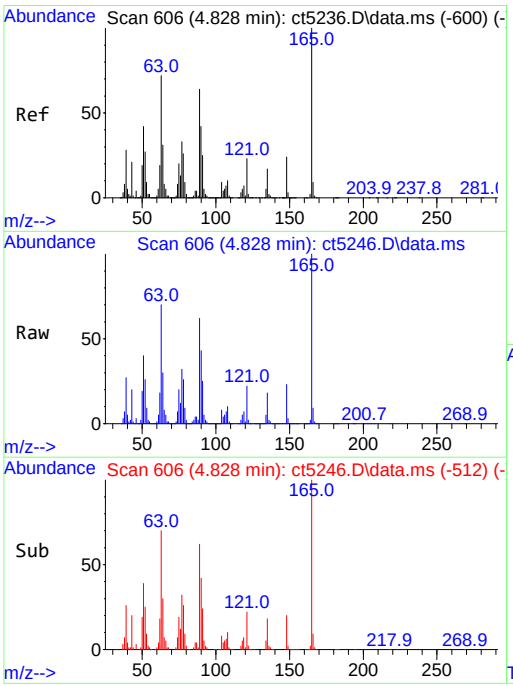


#56
Acenaphthylene
Concen: 46.14 ppm
RT: 4.877 min Scan# 615
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:152 Resp: 1850397

Ion	Ratio	Lower	Upper
152	100		
151	20.6	0.0	50.4
153	13.5	0.0	43.6

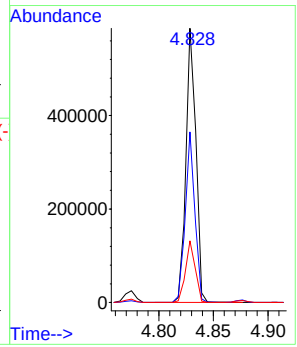


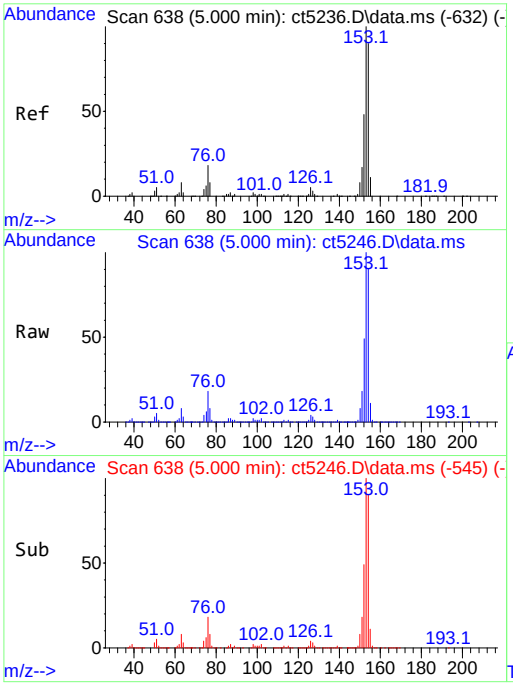


#57
2,6-Dinitrotoluene
Concen: 58.93 ppm
RT: 4.828 min Scan# 606
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:165 Resp: 371798

Ion	Ratio	Lower	Upper
165	100		
89	61.8	34.4	94.4
121	22.1	0.0	53.3

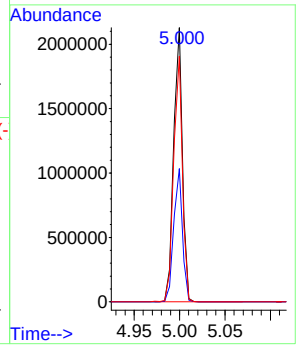


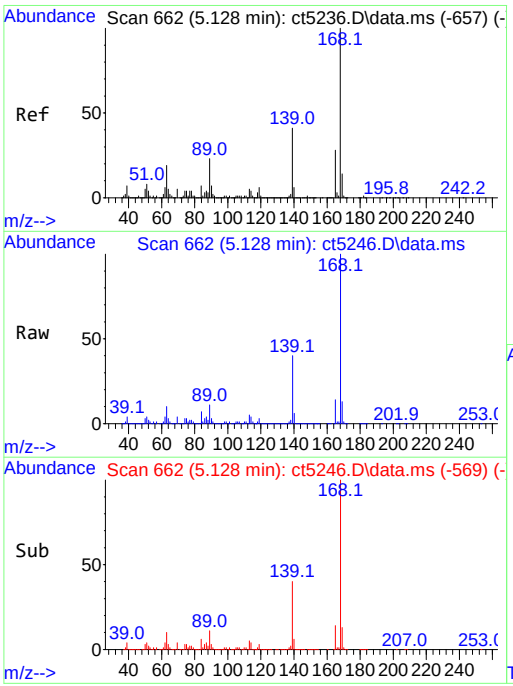


#59
Acenaphthene
Concen: 53.20 ppm
RT: 5.000 min Scan# 638
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:153 Resp: 1442892

Ion	Ratio	Lower	Upper
153	100		
152	48.5	18.5	78.5
154	89.4	59.7	119.7

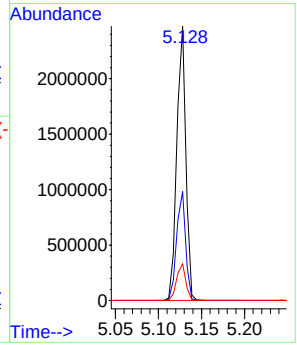


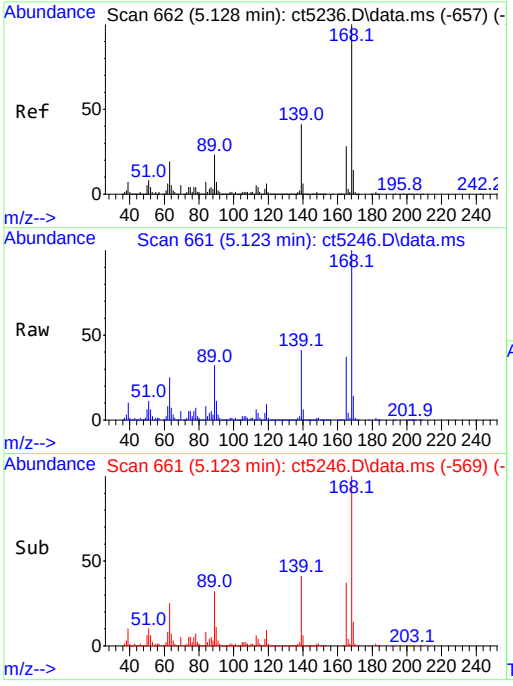


#62
Dibenzofuran
Concen: 50.49 ppm
RT: 5.128 min Scan# 662
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:168 Resp: 1798551

Ion	Ratio	Lower	Upper
168	100		
139	39.7	11.5	71.5
169	13.4	0.0	43.8

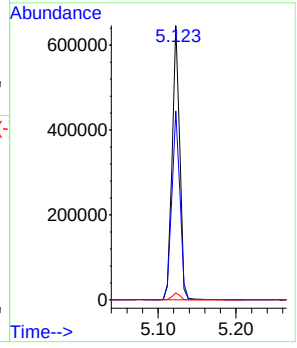


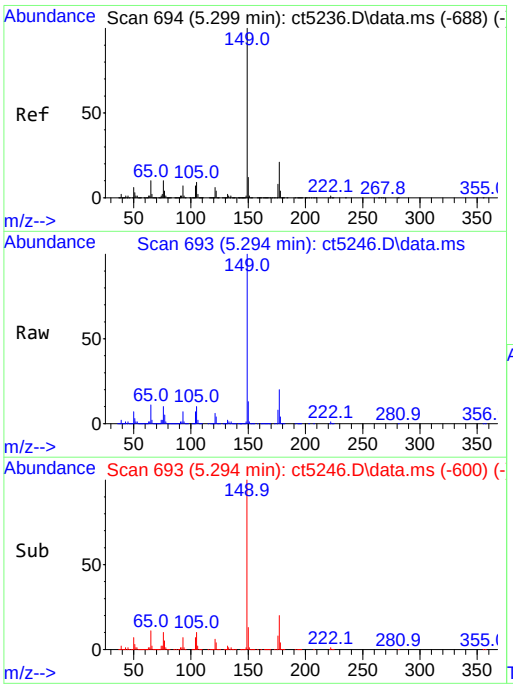


#63
2,4-Dinitrotoluene
Concen: 53.63 ppm
RT: 5.123 min Scan# 661
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:165 Resp: 442173

Ion	Ratio	Lower	Upper
165	100		
63	68.8	35.6	95.6
182	2.5	0.0	32.5

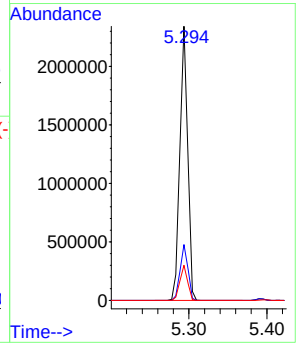


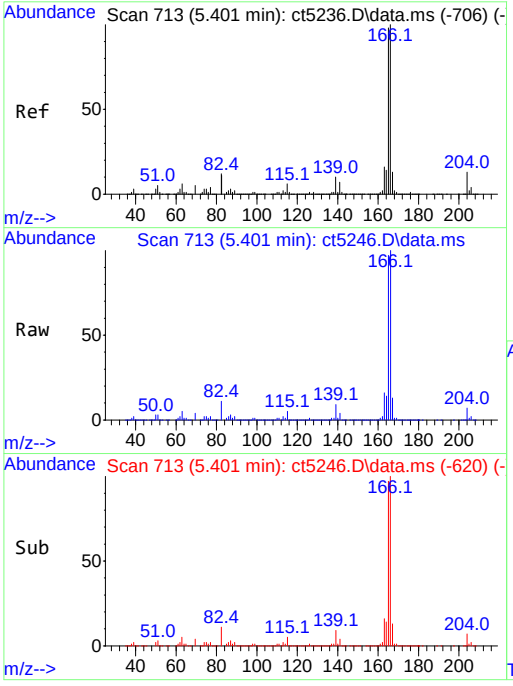


#65
Diethylphthalate
Concen: 53.01 ppm
RT: 5.294 min Scan# 693
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:149 Resp: 1638070

Ion	Ratio	Lower	Upper
149	100		
177	20.4	0.0	50.7
150	12.8	0.0	42.5

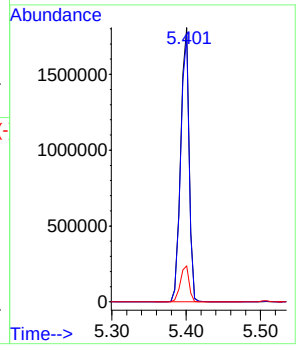


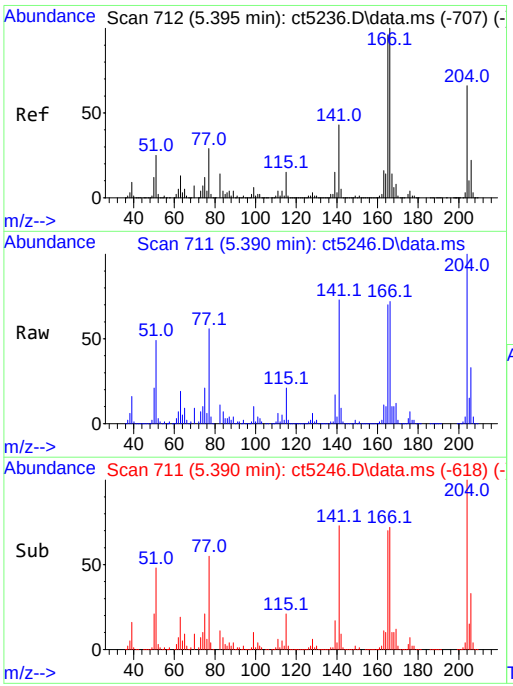


#66
Fluorene
Concen: 50.97 ppm
RT: 5.401 min Scan# 713
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:166 Resp: 1432258

Ion	Ratio	Lower	Upper
166	100		
165	96.8	67.6	127.6
167	13.1	0.0	43.4

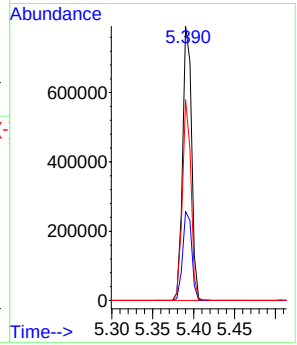


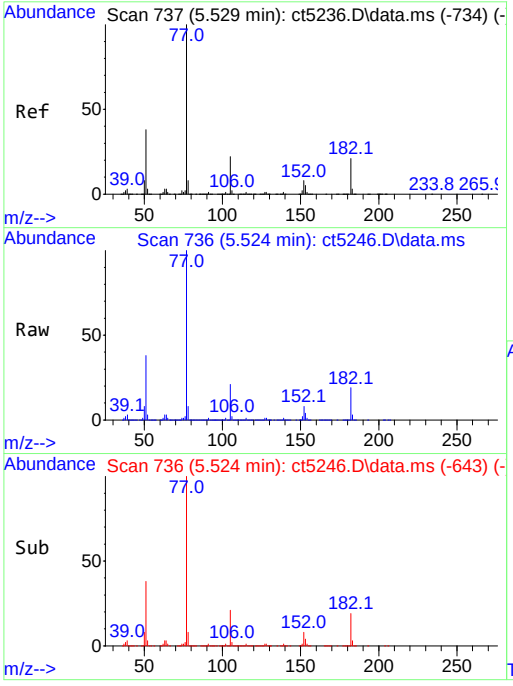


#67
4-Chlorophenyl-phenylether
Concen: 49.84 ppm
RT: 5.390 min Scan# 711
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:204 Resp: 607064

Ion	Ratio	Lower	Upper
204	100		
206	32.5	2.9	62.9
141	73.1	34.9	94.9

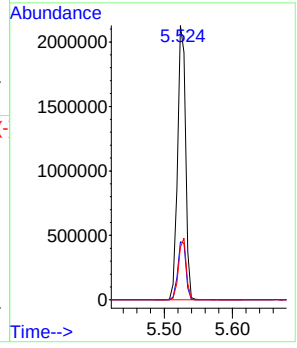


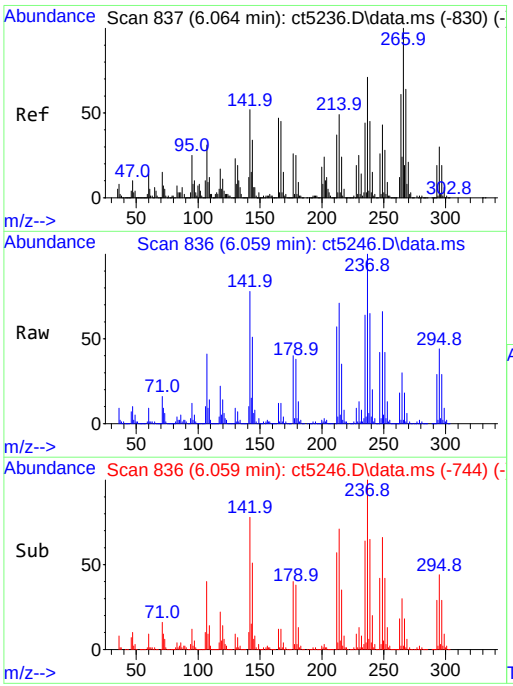


#72
1,2-Diphenylhydrazine
Concen: 52.81 ppm
RT: 5.524 min Scan# 736
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion: 77 Resp: 1745515

Ion	Ratio	Lower	Upper
77	100		
105	21.2	0.0	51.9
182	19.2	0.0	51.0

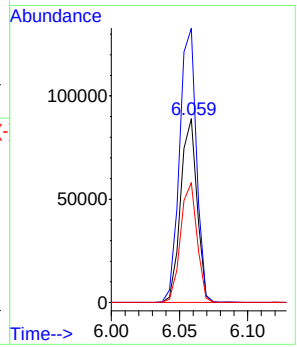


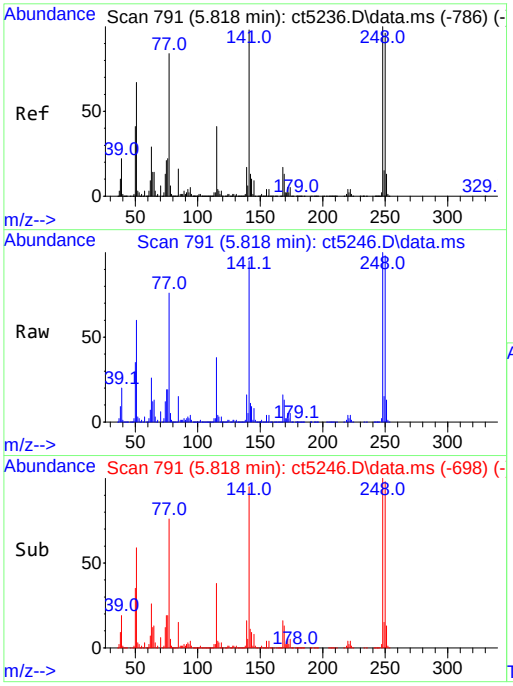


#73
pentachloronitrobenzene
Concen: 59.59 ppm
RT: 6.059 min Scan# 836
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:295 Resp: 74646

Ion	Ratio	Lower	Upper
295	100		
249	153.5	121.8	182.8
297	65.2	51.7	77.5

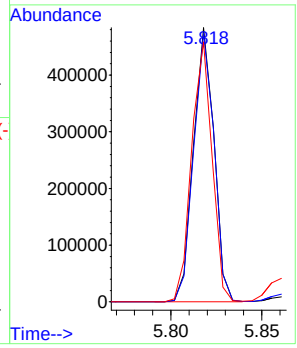


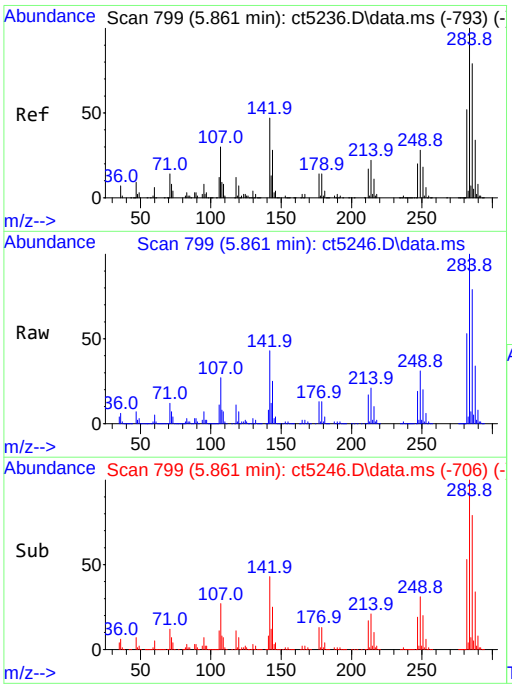


#75
4-Bromophenyl-phenylether
Concen: 52.58 ppm
RT: 5.818 min Scan# 791
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:248 Resp: 378003

Ion	Ratio	Lower	Upper
248	100		
250	98.0	65.9	125.9
141	94.7	68.1	128.1

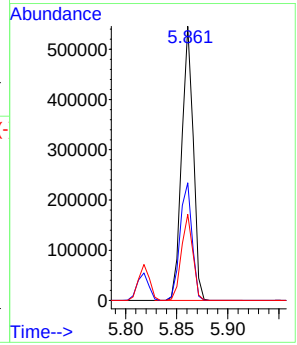


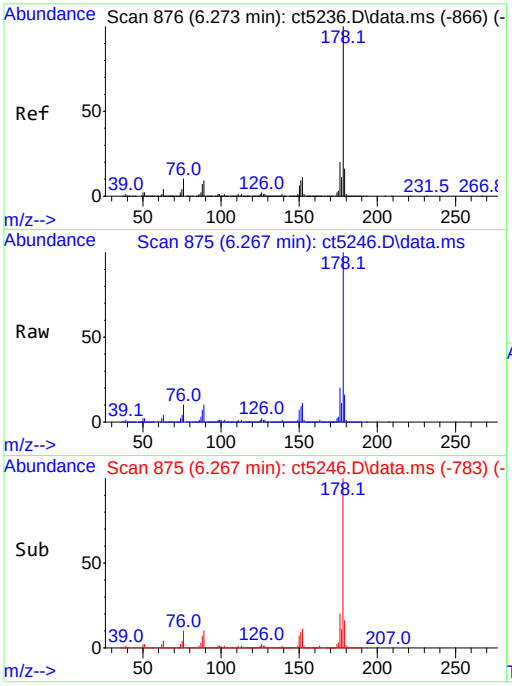


#76
Hexachlorobenzene
Concen: 52.72 ppm
RT: 5.861 min Scan# 799
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:284 Resp: 430515

Ion	Ratio	Lower	Upper
284	100		
142	42.6	17.4	77.4
249	30.7	0.0	59.7

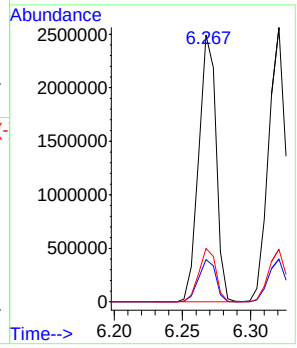


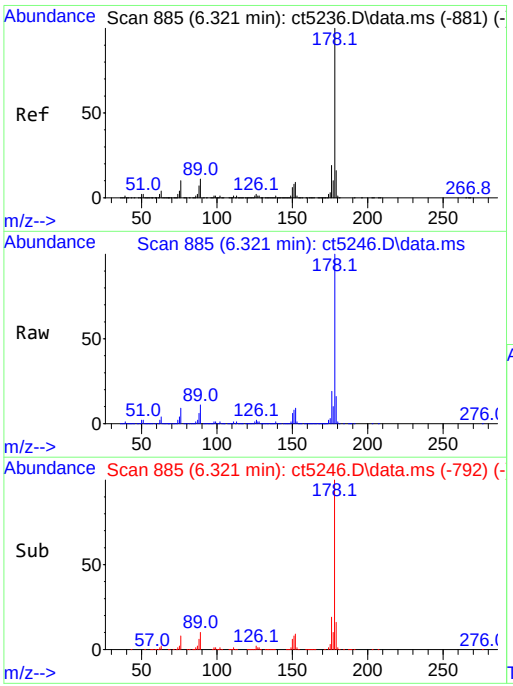


#78
Phenanthrene
Concen: 51.87 ppm
RT: 6.267 min Scan# 875
Delta R.T. -0.006 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:178 Resp: 2213649

Ion	Ratio	Lower	Upper
178	100		
179	15.9	0.0	46.1
176	20.0	0.0	50.2

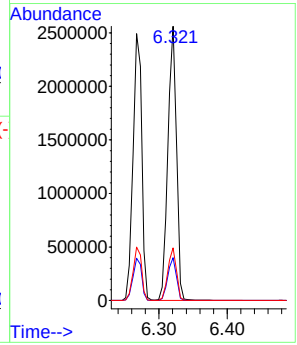


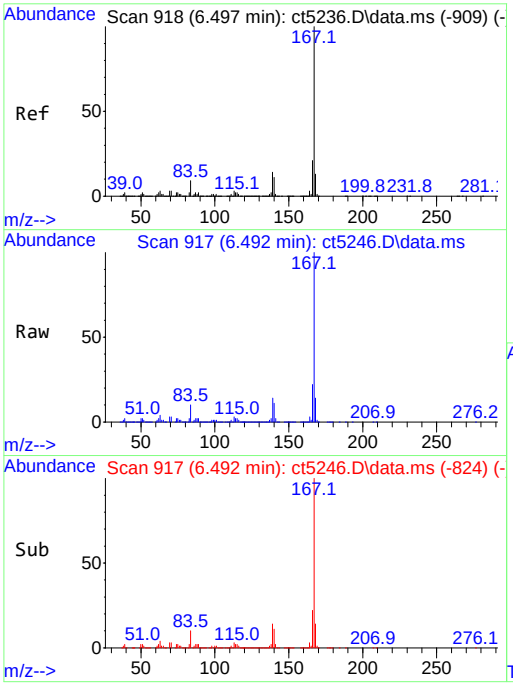


#79
Anthracene
Concen: 51.73 ppm
RT: 6.321 min Scan# 885
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:178 Resp: 2236023

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	45.8
176	19.2	0.0	49.2

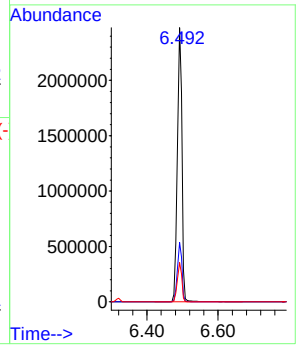


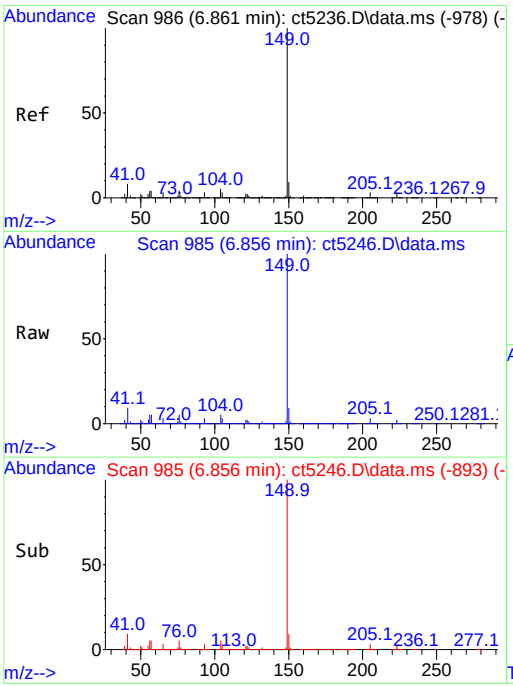


#80
Carbazole
Concen: 53.25 ppm
RT: 6.492 min Scan# 917
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:167 Resp: 2217081

Ion	Ratio	Lower	Upper
167	100		
166	21.6	0.0	51.5
139	14.3	0.0	43.6

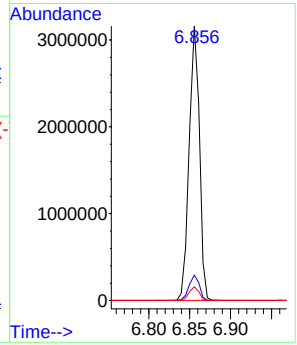


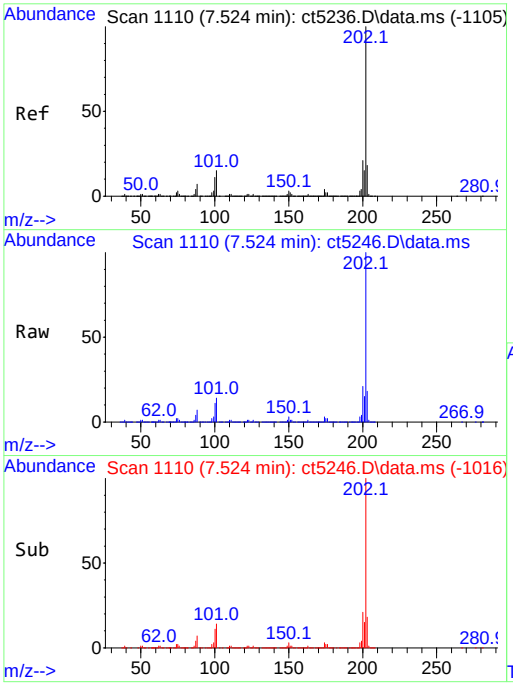


#81
Di-n-butylphthalate
Concen: 55.17 ppm
RT: 6.856 min Scan# 985
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:149 Resp: 2779690

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	39.2
104	5.0	0.0	34.7

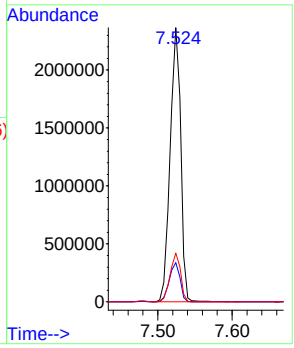


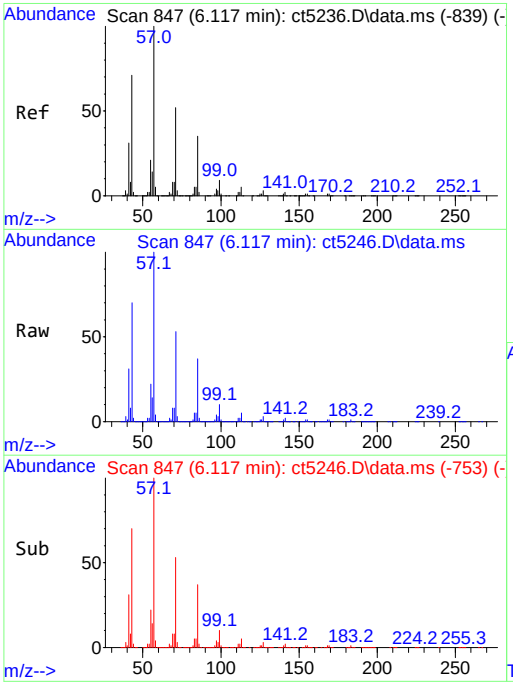


#82
Fluoranthene
Concen: 53.18 ppm
RT: 7.524 min Scan# 1110
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:202 Resp: 2329655

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	45.1
203	17.8	0.0	47.9

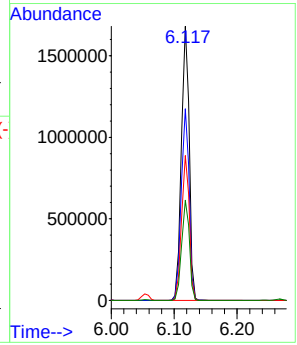


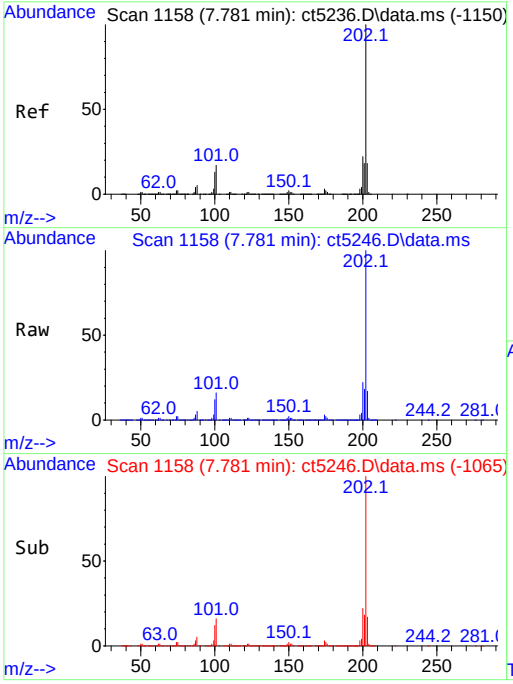


#83
Octadecane
Concen: 51.67 ppm
RT: 6.117 min Scan# 847
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion: 57 Resp: 1451718

Ion	Ratio	Lower	Upper
57	100		
43	69.9	41.3	101.3
71	52.8	22.1	82.1
85	36.6	5.4	65.4

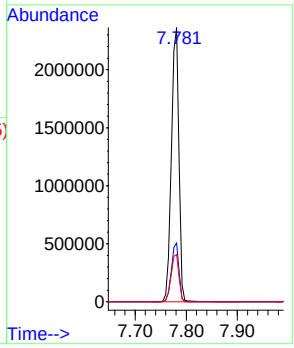


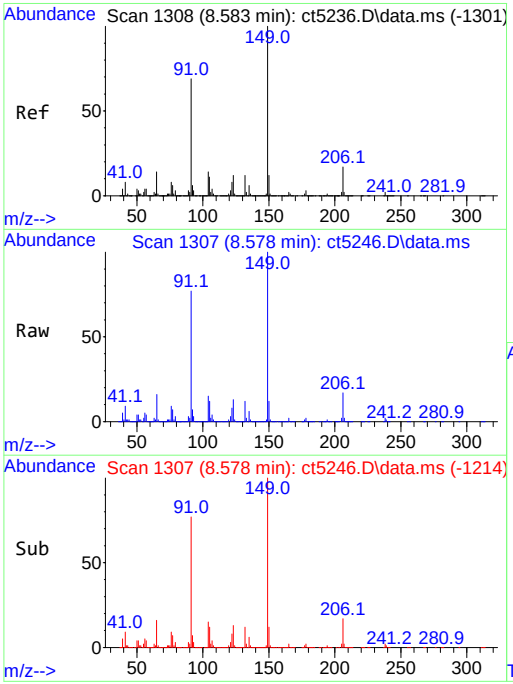


#86
Pyrene
Concen: 53.18 ppm
RT: 7.781 min Scan# 1158
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:202 Resp: 2412578

Ion	Ratio	Lower	Upper
202	100		
200	21.6	0.0	51.5
203	17.3	0.0	47.8

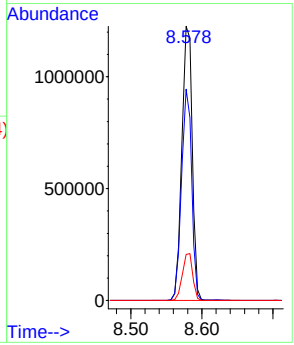


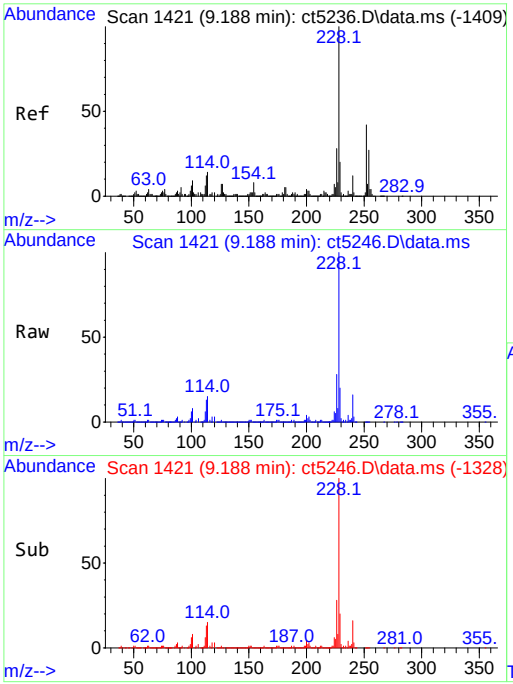


#88
Butylbenzylphthalate
Concen: 55.83 ppm
RT: 8.578 min Scan# 1307
Delta R.T. -0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:149 Resp: 1248734

Ion	Ratio	Lower	Upper
149	100		
91	77.0	39.4	99.4
206	16.8	0.0	46.7

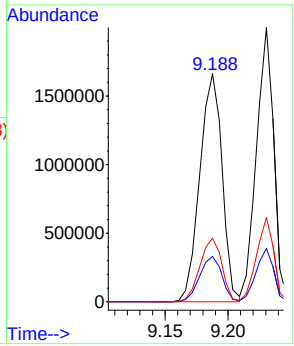


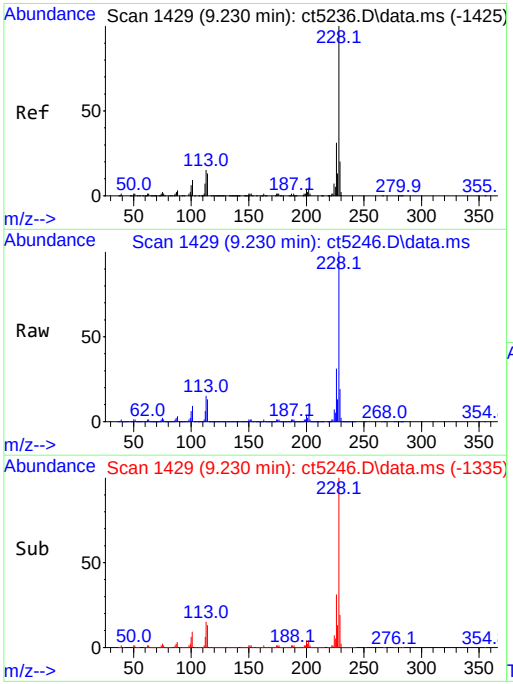


#89
Benzo[a]anthracene
Concen: 55.48 ppm
RT: 9.188 min Scan# 1421
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:228 Resp: 2045318

Ion	Ratio	Lower	Upper
228	100		
229	20.0	0.0	50.1
226	28.0	0.0	58.2

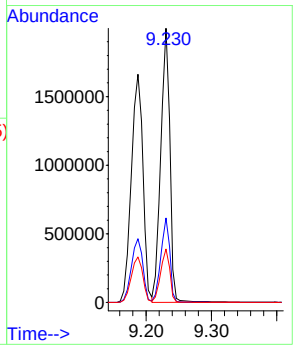


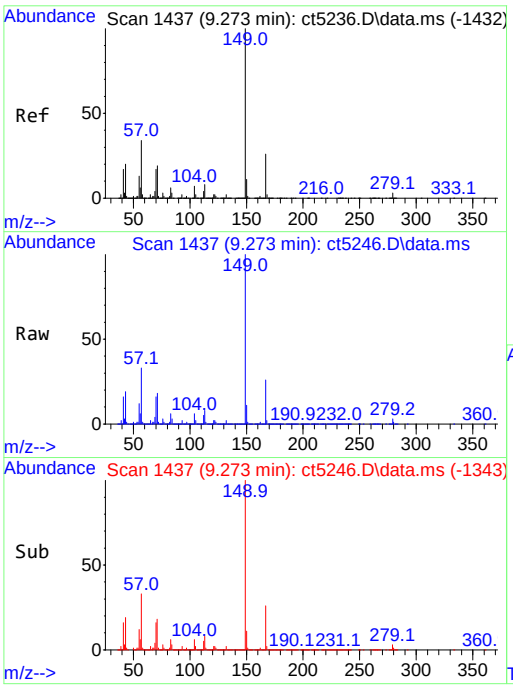


#91
Chrysene
Concen: 50.71 ppm
RT: 9.230 min Scan# 1429
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:228 Resp: 1934635

Ion	Ratio	Lower	Upper
228	100		
226	30.9	0.6	60.6
229	19.5	0.0	49.6

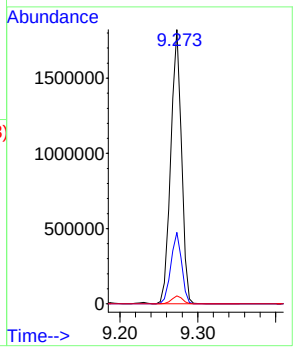


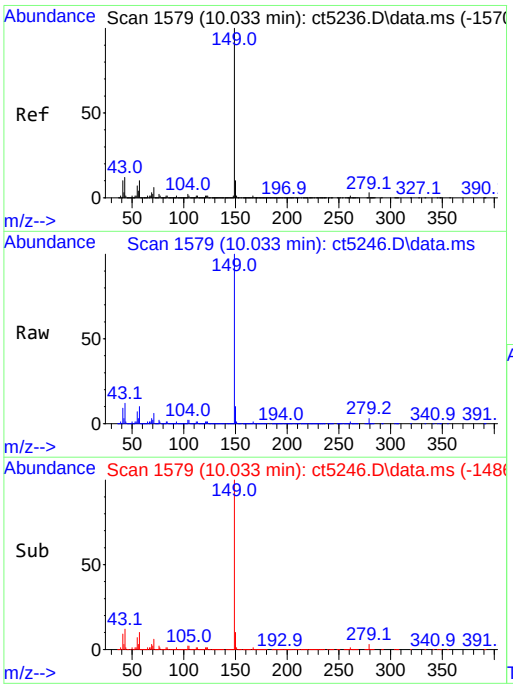


#92
bis(2-Ethylhexyl)phthalate
Concen: 56.07 ppm
RT: 9.273 min Scan# 1437
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:149 Resp: 1753643

Ion	Ratio	Lower	Upper
149	100		
167	26.0	0.0	56.2
279	2.9	0.0	32.9

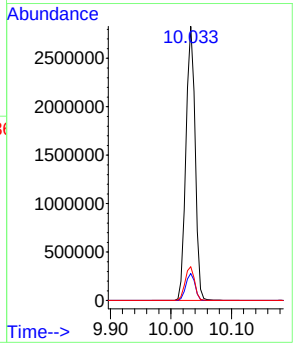


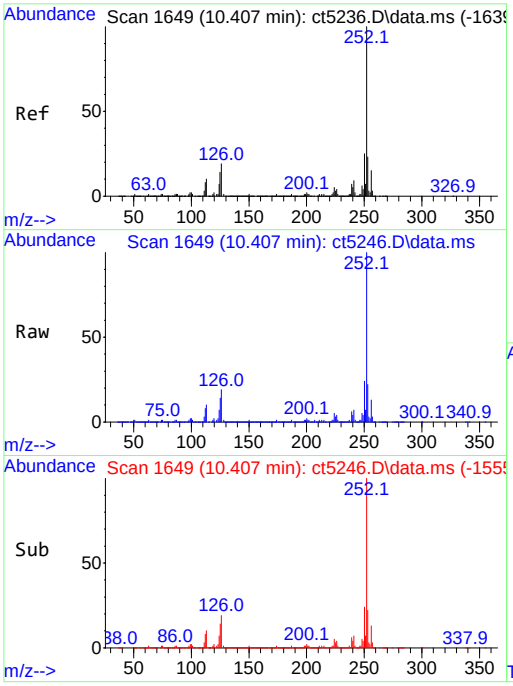


#94
Di-n-octylphthalate
Concen: 57.96 ppm
RT: 10.033 min Scan# 1579
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:149 Resp: 2958846

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	40.0
43	12.4	0.0	42.5

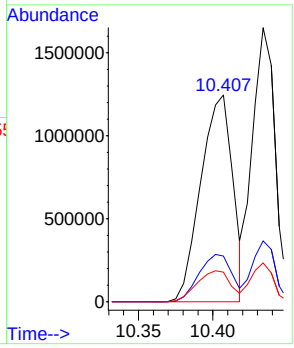


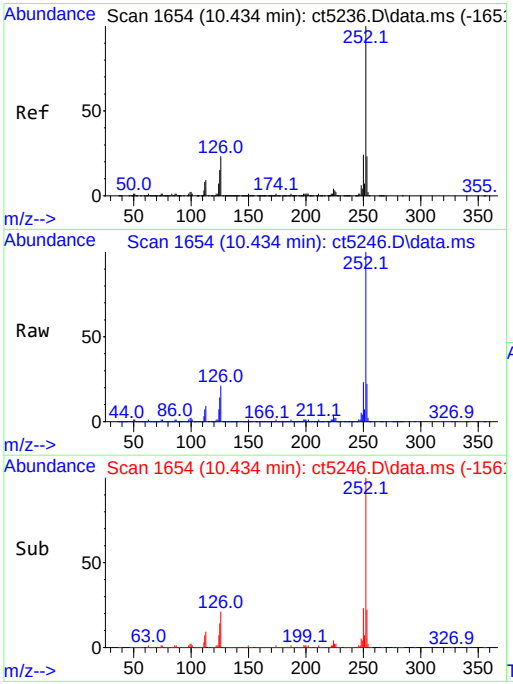


#95
Benzo[b]fluoranthene
Concen: 51.79 ppm
RT: 10.407 min Scan# 1649
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:252 Resp: 1856104

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	53.2
125	14.4	0.0	44.2

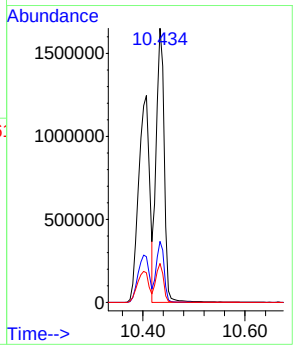


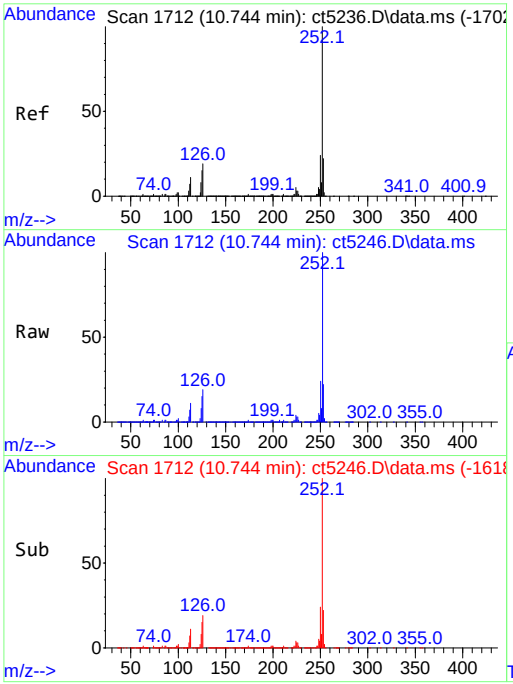


#96
Benzo[k]fluoranthene
Concen: 49.47 ppm
RT: 10.434 min Scan# 1654
Delta R.T. -0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:252 Resp: 1770181

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	52.5
125	14.2	0.0	45.1

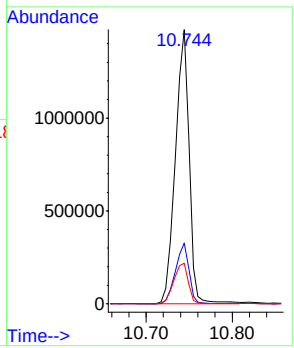


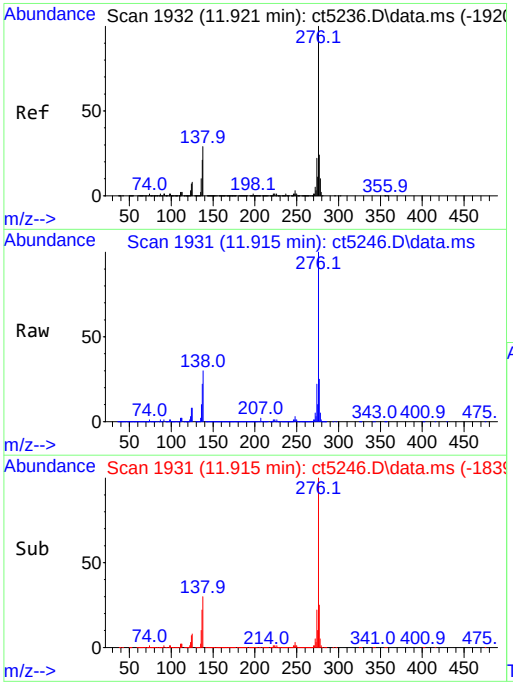


#97
Benzo[a]pyrene
Concen: 51.44 ppm
RT: 10.744 min Scan# 1712
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:252 Resp: 1633192

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	52.4
125	14.8	0.0	44.9

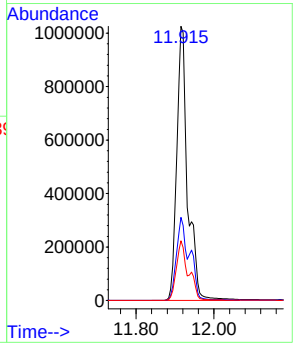


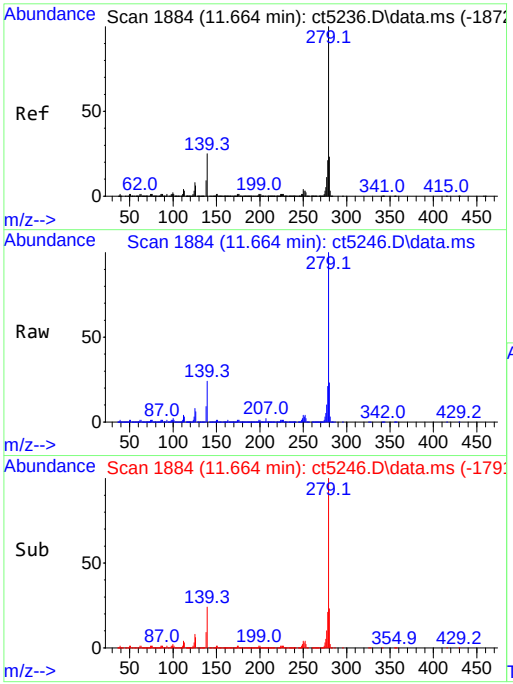


#98
Indeno[1,2,3-cd]pyrene
Concen: 51.04 ppm
RT: 11.915 min Scan# 1931
Delta R.T. -0.006 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:276 Resp: 1981295

Ion	Ratio	Lower	Upper
276	100		
138	30.2	0.0	59.2
137	21.8	0.0	50.7

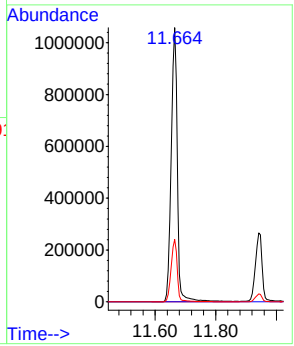


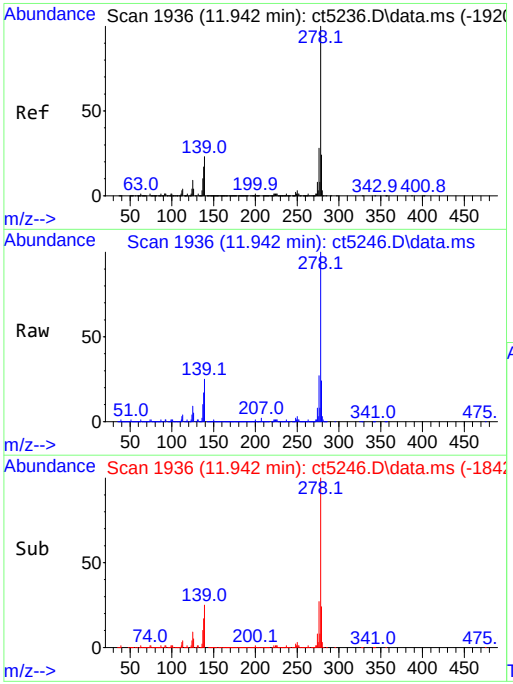


#99
Dibenz(a,h)acridine
Concen: 56.90 ppm
RT: 11.664 min Scan# 1884
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:279 Resp: 1494126

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.8	0.0	53.2

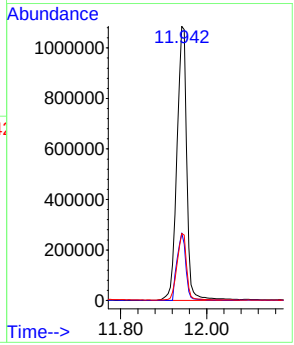


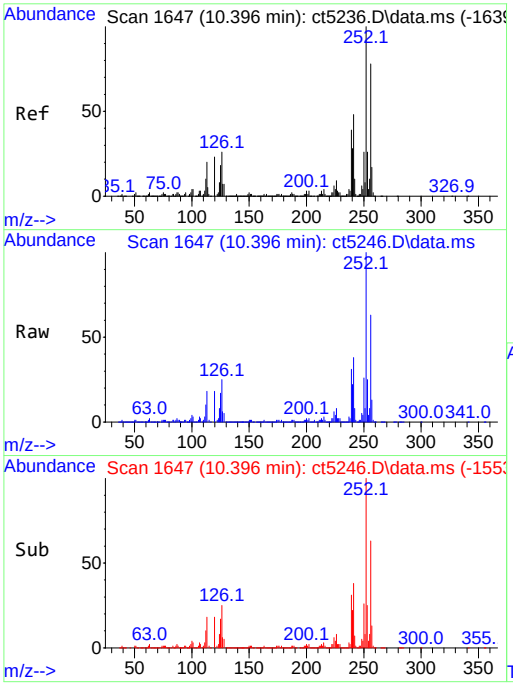


#100
Dibenz[a,h]anthracene
Concen: 55.56 ppm
RT: 11.942 min Scan# 1936
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:278 Resp: 1716426

Ion	Ratio	Lower	Upper
278	100		
139	24.6	0.0	53.3
279	24.3	0.0	53.8

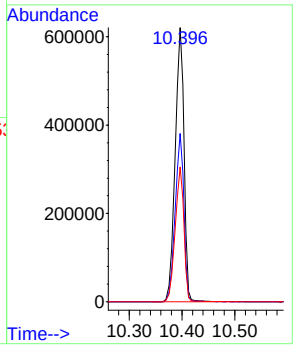


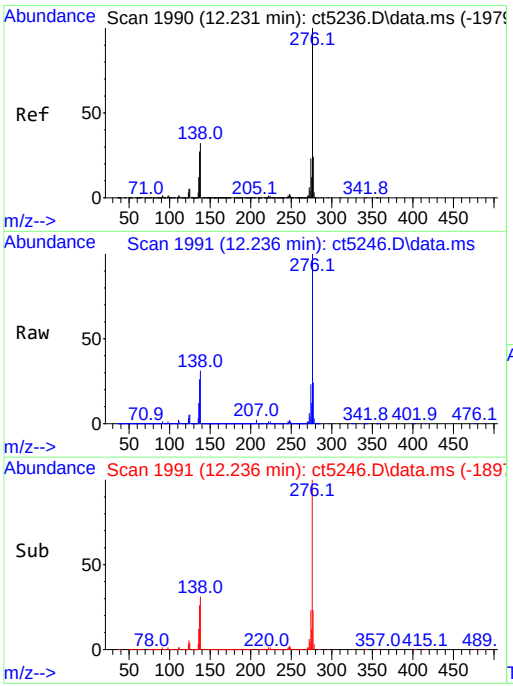


#101
7,12-Dimethylbenz(a)anthracene
Concen: 47.50 ppm
RT: 10.396 min Scan# 1647
Delta R.T. 0.000 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:256 Resp: 724034

Ion	Ratio	Lower	Upper
256	100		
241	61.4	32.2	92.2
239	49.2	19.8	79.8

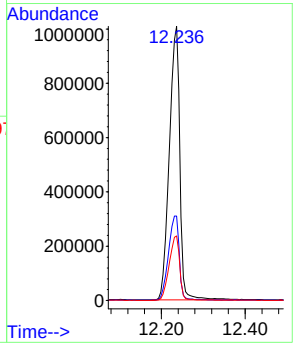




#102
Benzo[g,h,i]perylene
Concen: 56.31 ppm
RT: 12.236 min Scan# 1991
Delta R.T. 0.005 min
Lab File: ct5246.D
Acq: 15 Feb 2024 02:42 pm

Tgt Ion:276 Resp: 1746116

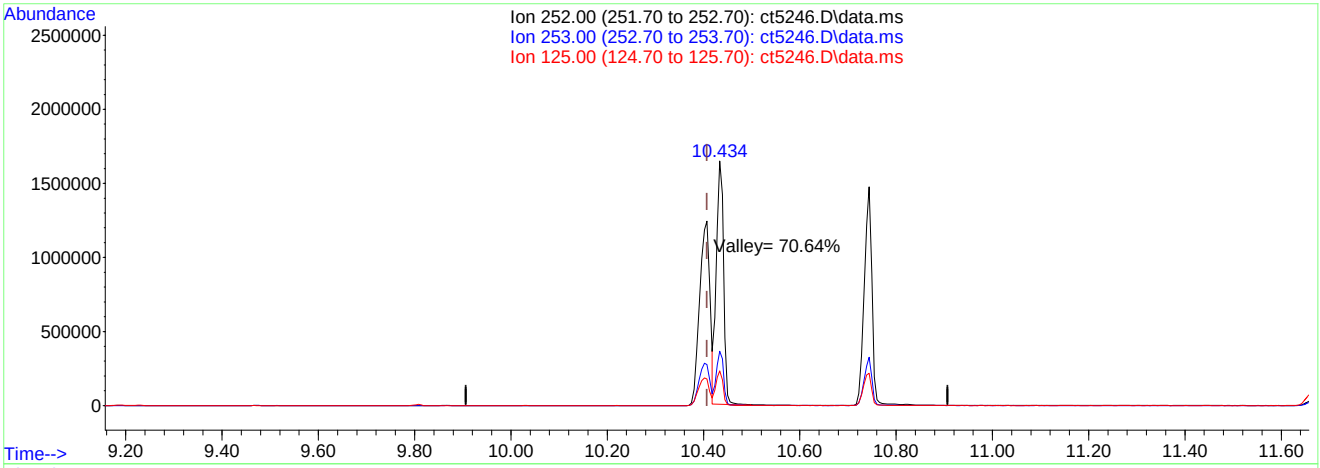
Ion	Ratio	Lower	Upper
276	100		
138	30.7	1.8	61.8
277	23.5	0.0	53.9

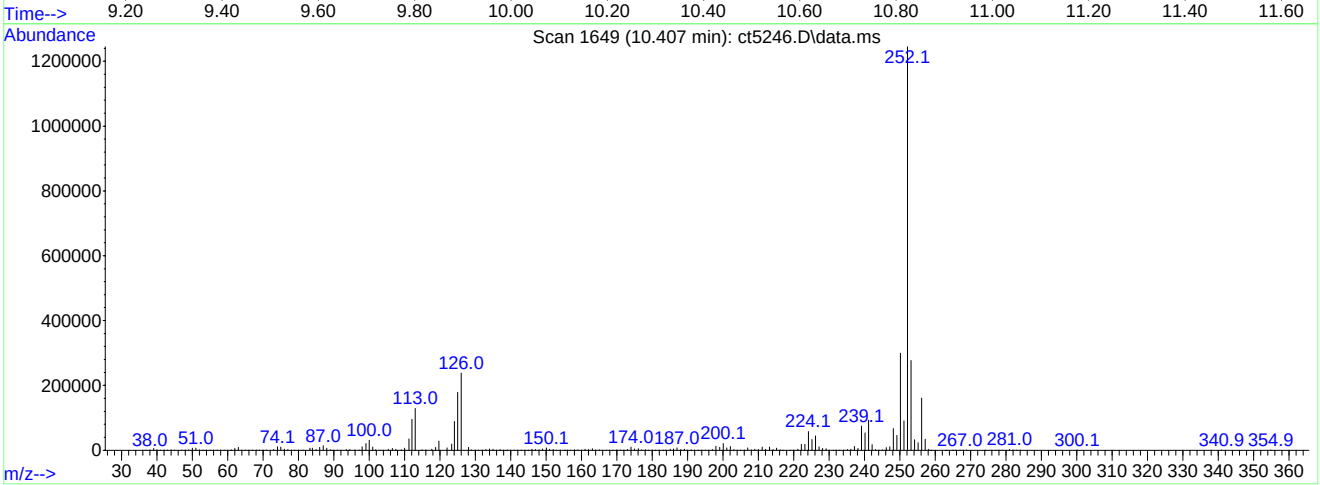


Quantitation Report (Qedit)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5246.D
Acq On : 15 Feb 2024 02:42 pm
Operator : jackleey
Sample : icv266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 16 09:40:23 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration





TIC: ct5246.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.407min (+0.000) 51.79ppm

response 1856104

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	22.23
125.00	14.20	14.40
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5247.D
Acq On : 15 Feb 2024 02:59 pm
Operator : jackleey
Sample : icv266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 16 09:43:36 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration

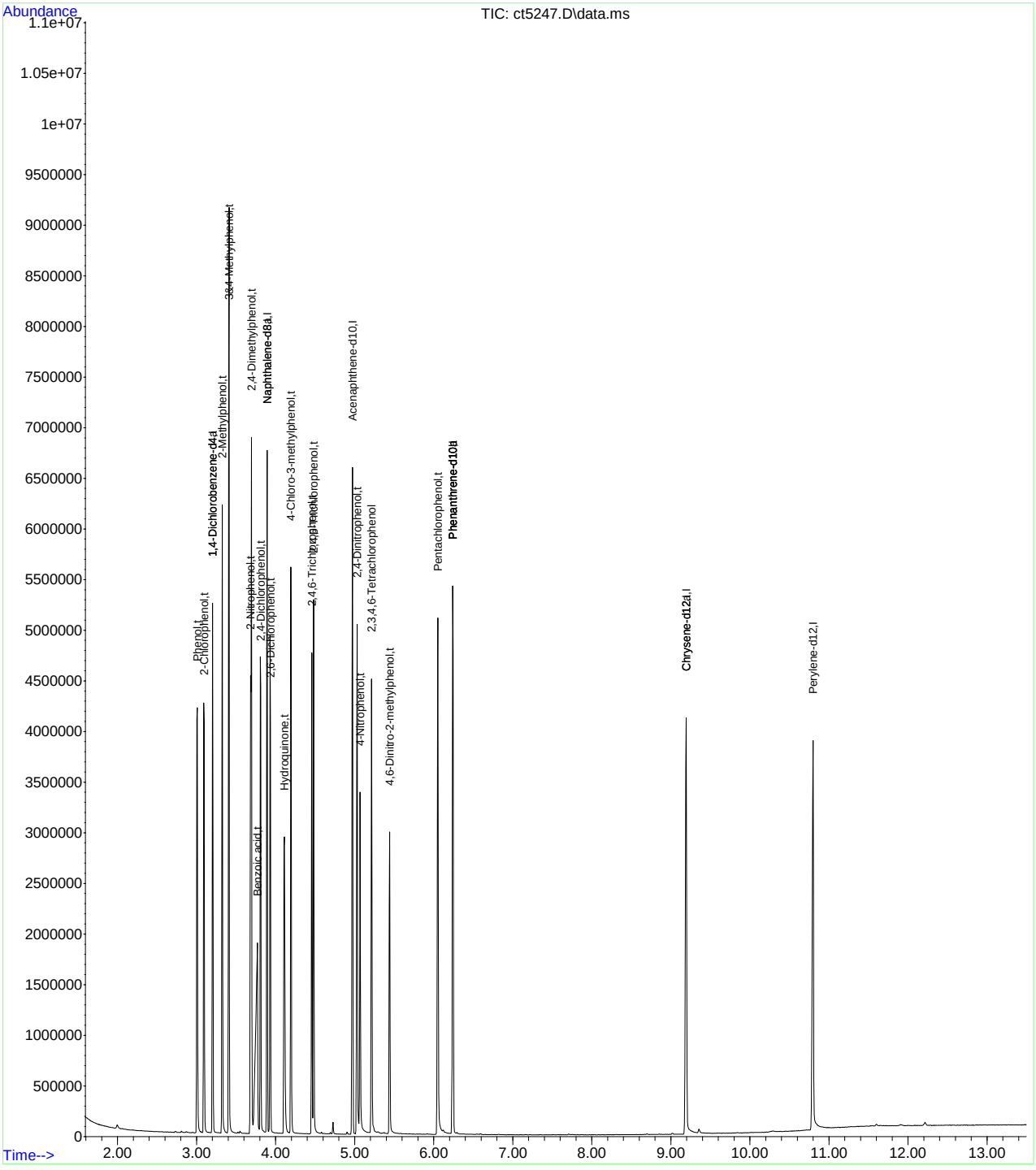
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.203	152	528758	40.00	ppm	0.00
24) Naphthalene-d8	3.893	136	1954051	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	1070565	40.00	ppm	0.00
69) Phenanthrene-d10	6.241	188	1899795	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1511756	40.00	ppm	-0.01
93) Perylene-d12	10.798	264	1516407	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.203	152	528758	40.00	ppm	0.00
105) Phenanthrene-d10a	6.241	188	1899795	40.00	ppm	0.00
107) Naphthalene-d8a	3.893	136	1954051	40.00	ppm	0.00
109) Phenanthrene-d10b	6.241	188	1899795	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1511756	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
9) Phenol	3.010	94	1081006	45.60	ppm	96
12) 2-Chlorophenol	3.096	128	861811	46.61	ppm	96
19) 2-Methylphenol	3.326	108	757637	43.15	ppm	99
21) 3&4-Methylphenol	3.411	108	1437124	85.79	ppm	100
29) 2-Nitrophenol	3.684	139	441948	49.60	ppm #	72
30) 2,4-Dimethylphenol	3.695	107	819026	42.92	ppm	98
31) Benzoic acid	3.769	105	775915	51.67	ppm	99
33) 2,4-Dichlorophenol	3.812	162	654594	44.98	ppm	95
34) 2,6-Dichlorophenol	3.935	162	643922	47.07	ppm	97
41) Hydroquinone	4.112	110	999236	54.36	ppm	98
43) 4-Chloro-3-methylphenol	4.192	107	740010	45.51	ppm	97
49) 2,4,6-Trichlorophenol	4.459	196	441141	47.61	ppm	99
50) 2,4,5-Trichlorophenol	4.481	196	478709	45.55	ppm	100
60) 2,4-Dinitrophenol	5.032	184	453649	93.36	ppm	84
61) 4-Nitrophenol	5.069	109	262478	50.96	ppm	94
64) 2,3,4,6-Tetrachlorophenol	5.214	232	366928	46.40	ppm	97
70) 4,6-Dinitro-2-methylph...	5.444	198	276228	48.00	ppm	90
77) Pentachlorophenol	6.053	266	529875	104.29	ppm	100

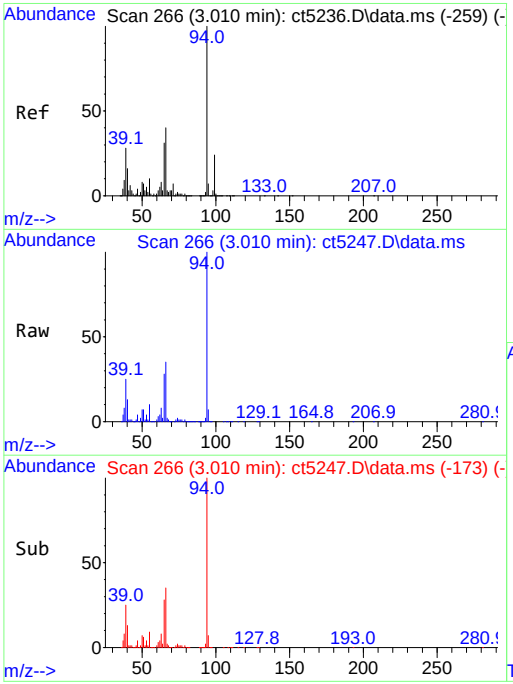
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5247.D
Acq On : 15 Feb 2024 02:59 pm
Operator : jackleey
Sample : icv266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 16 09:43:36 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration

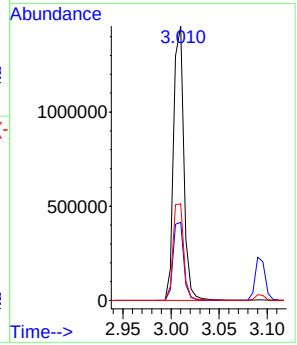


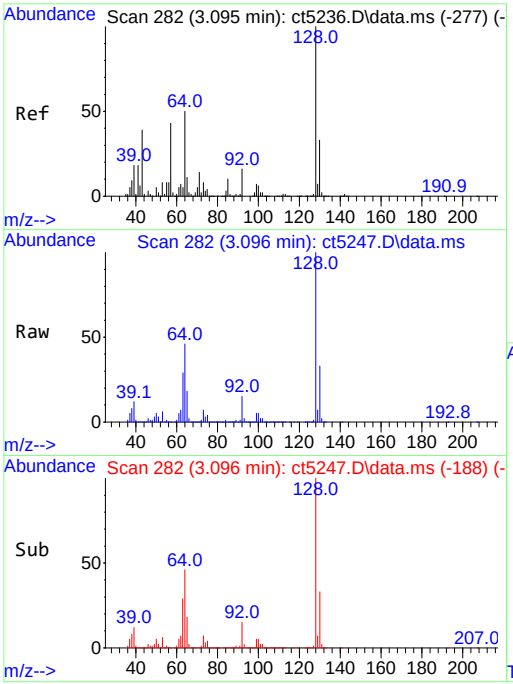


#9
Phenol
Concen: 45.60 ppm
RT: 3.010 min Scan# 266
Delta R.T. -0.000 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion: 94 Resp: 1081006

Ion	Ratio	Lower	Upper
94	100		
65	28.5	0.0	59.7
66	35.2	8.2	68.2

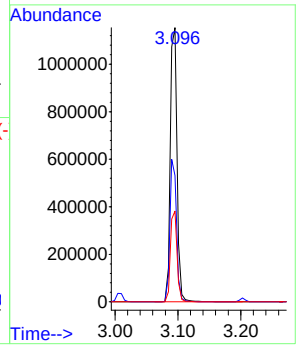


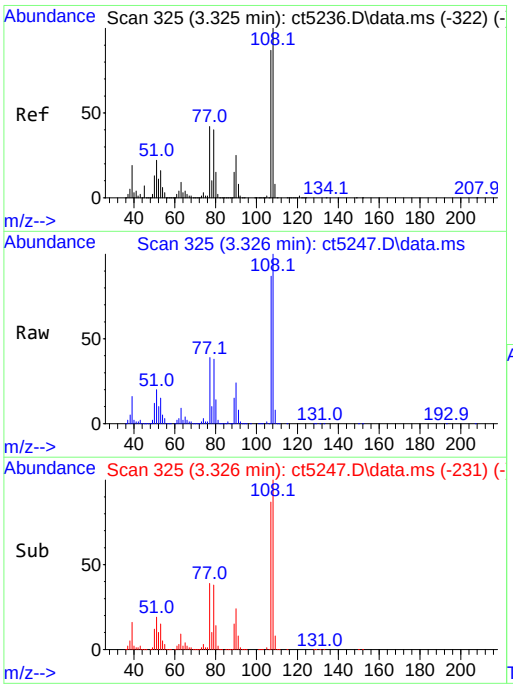


#12
2-Chlorophenol
Concen: 46.61 ppm
RT: 3.096 min Scan# 282
Delta R.T. 0.001 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:128 Resp: 861811

Ion	Ratio	Lower	Upper
128	100		
64	45.4	20.1	80.1
130	33.1	3.0	63.0

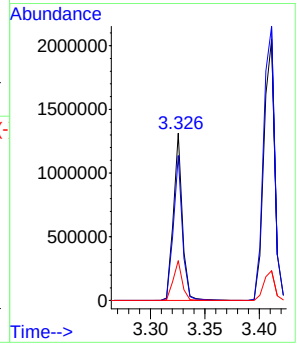


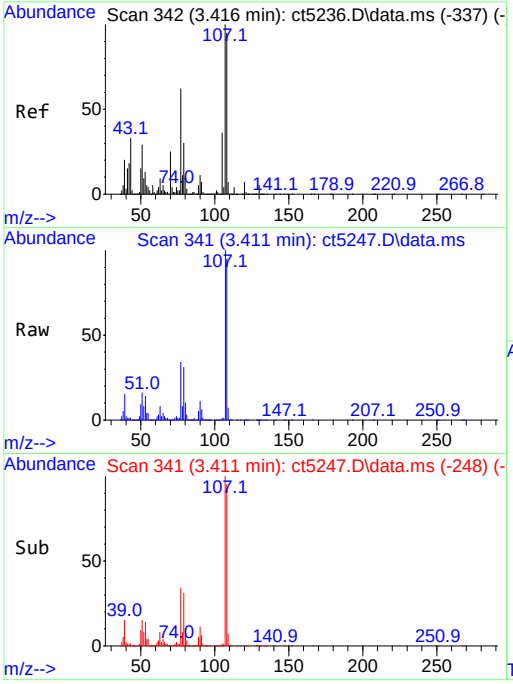


#19
2-Methylphenol
Concen: 43.15 ppm
RT: 3.326 min Scan# 325
Delta R.T. 0.001 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:108 Resp: 757637

Ion	Ratio	Lower	Upper
108	100		
107	86.8	57.1	117.1
90	23.8	0.0	54.8

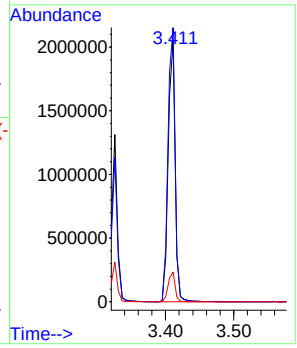


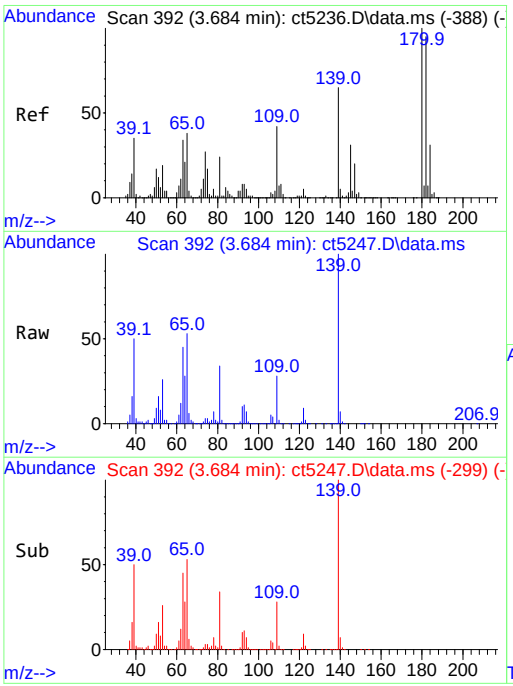


#21
3&4-Methylphenol
Concen: 85.79 ppm
RT: 3.411 min Scan# 341
Delta R.T. -0.005 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:108 Resp: 1437124

Ion	Ratio	Lower	Upper
108	100		
107	105.0	74.9	134.9
90	11.4	0.0	41.4

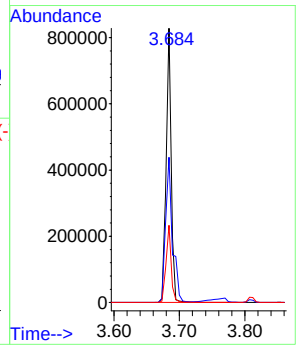


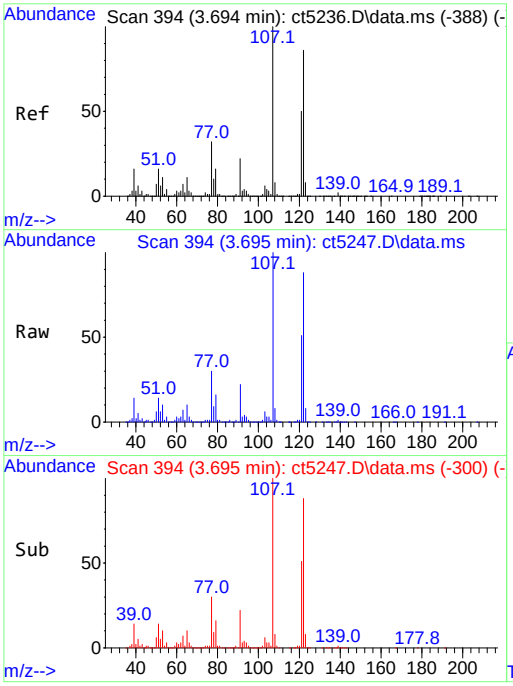


#29
2-Nitrophenol
Concen: 49.60 ppm
RT: 3.684 min Scan# 392
Delta R.T. -0.000 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:139 Resp: 441948

Ion	Ratio	Lower	Upper
139	100		
65	52.8	28.1	88.1
109	28.1	35.1	95.1#

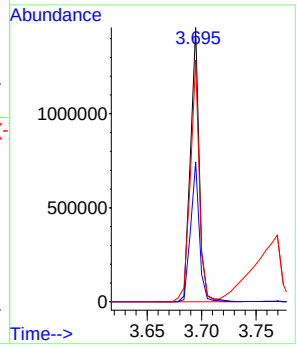


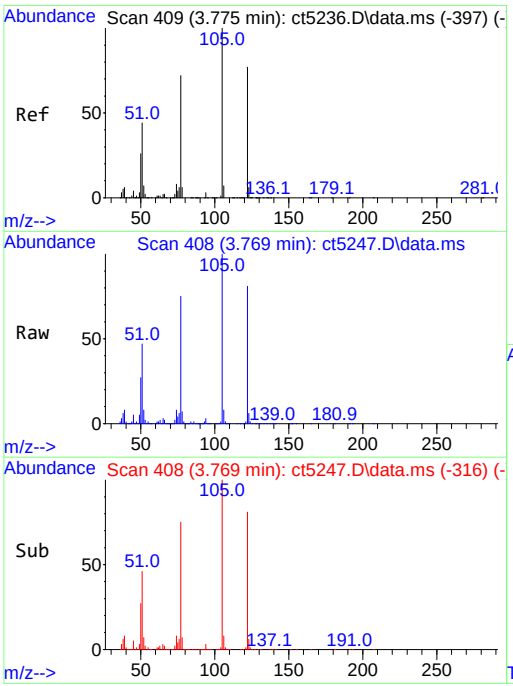


#30
2,4-Dimethylphenol
Concen: 42.92 ppm
RT: 3.695 min Scan# 394
Delta R.T. 0.001 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:107 Resp: 819026

Ion	Ratio	Lower	Upper
107	100		
121	51.0	19.9	79.9
122	84.1	51.6	111.6

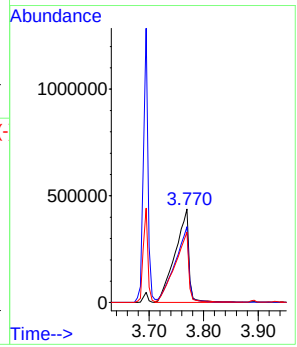


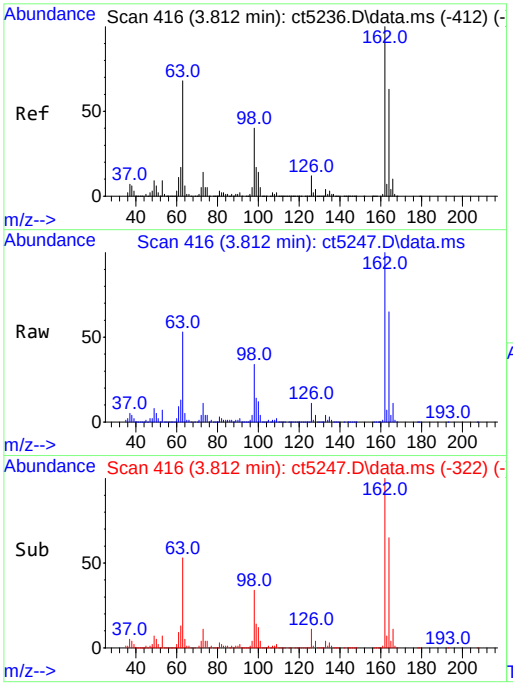


#31
Benzoic acid
Concen: 51.67 ppm
RT: 3.769 min Scan# 408
Delta R.T. -0.006 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:105 Resp: 775915

Ion	Ratio	Lower	Upper
105	100		
122	79.6	48.8	108.8
77	74.8	43.0	103.0

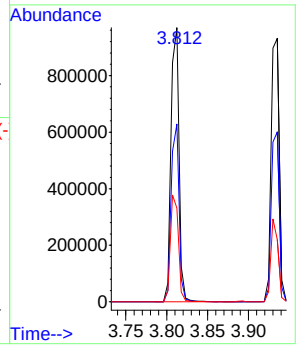


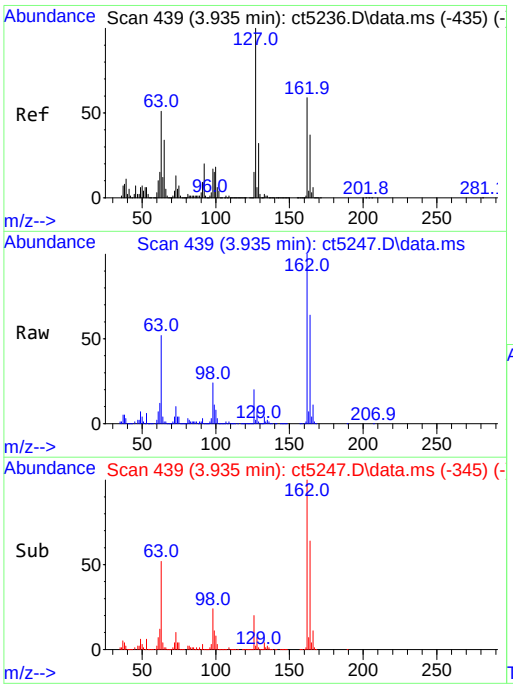


#33
2,4-Dichlorophenol
Concen: 44.98 ppm
RT: 3.812 min Scan# 416
Delta R.T. 0.000 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:162 Resp: 654594

Ion	Ratio	Lower	Upper
162	100		
164	64.8	33.4	93.4
98	34.0	10.2	70.2

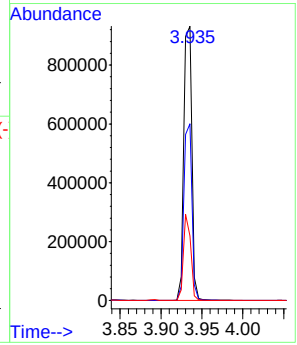


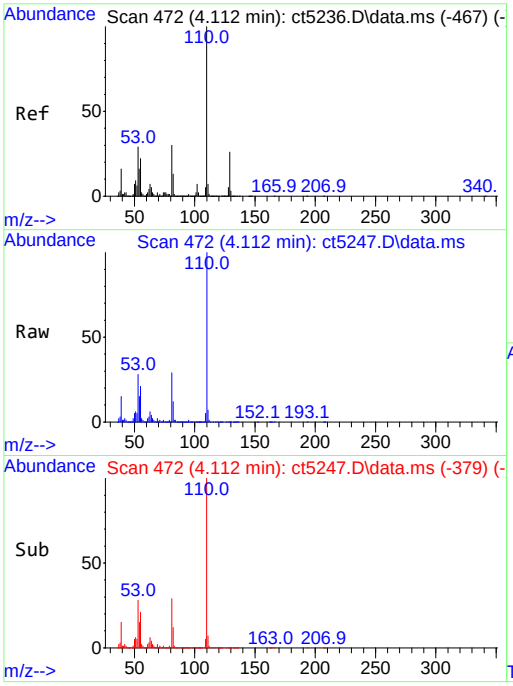


#34
2,6-Dichlorophenol
Concen: 47.07 ppm
RT: 3.935 min Scan# 439
Delta R.T. 0.000 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:162 Resp: 643922

Ion	Ratio	Lower	Upper
162	100		
164	64.4	33.8	93.8
98	23.4	0.0	58.3

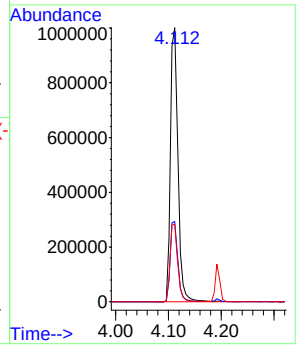


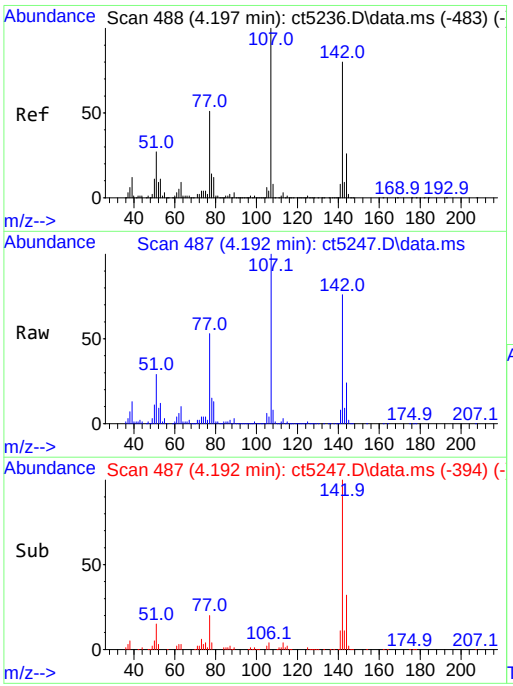


#41
Hydroquinone
Concen: 54.36 ppm
RT: 4.112 min Scan# 472
Delta R.T. -0.000 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:110 Resp: 999236

Ion	Ratio	Lower	Upper
110	100		
81	29.3	0.1	60.1
53	28.2	0.0	59.2

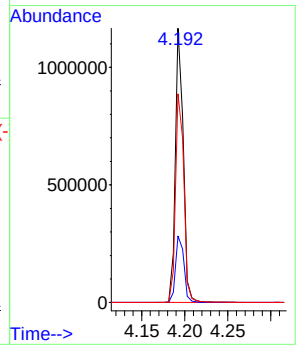


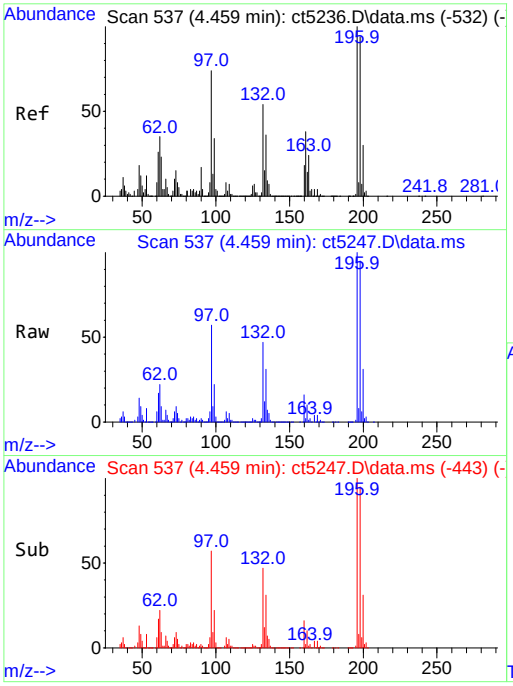


#43
4-Chloro-3-methylphenol
Concen: 45.51 ppm
RT: 4.192 min Scan# 487
Delta R.T. -0.005 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:107 Resp: 740010

Ion	Ratio	Lower	Upper
107	100		
144	24.3	0.0	55.9
142	76.0	43.8	103.8

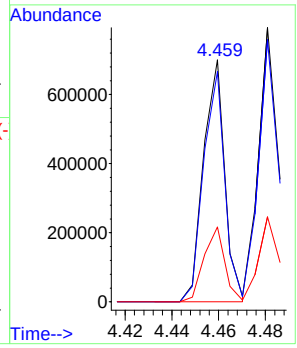


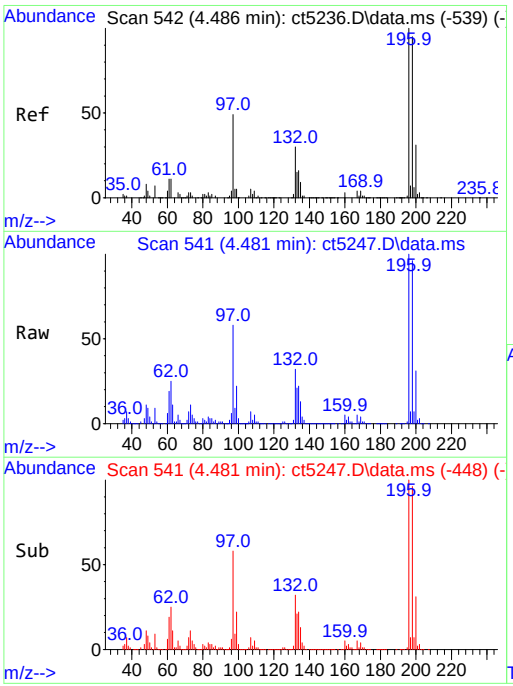


#49
2,4,6-Trichlorophenol
Concen: 47.61 ppm
RT: 4.459 min Scan# 537
Delta R.T. 0.000 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:196 Resp: 441141

Ion	Ratio	Lower	Upper
196	100		
198	95.1	64.2	124.2
200	31.0	0.0	59.5

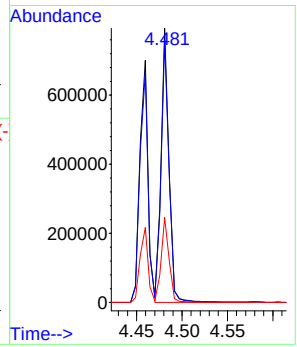


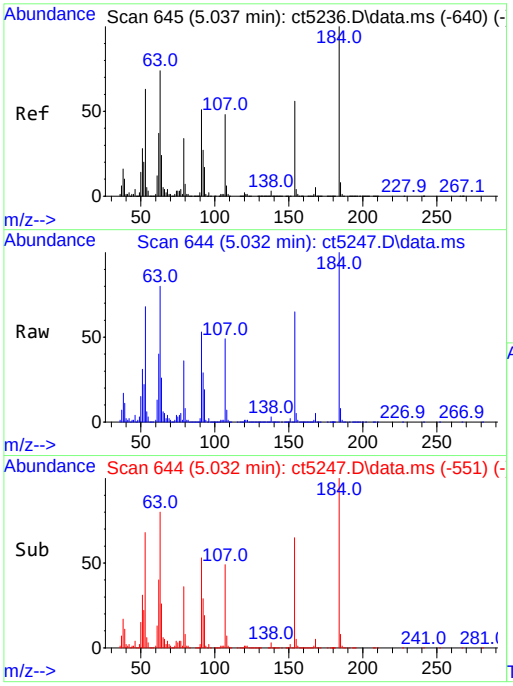


#50
2,4,5-Trichlorophenol
Concen: 45.55 ppm
RT: 4.481 min Scan# 541
Delta R.T. -0.005 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:196 Resp: 478709

Ion	Ratio	Lower	Upper
196	100		
198	95.5	65.2	125.2
200	30.9	0.7	60.7

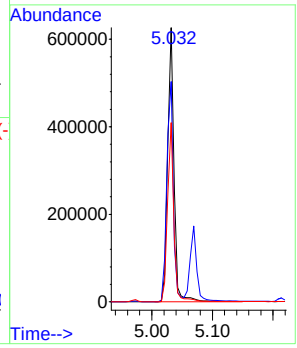


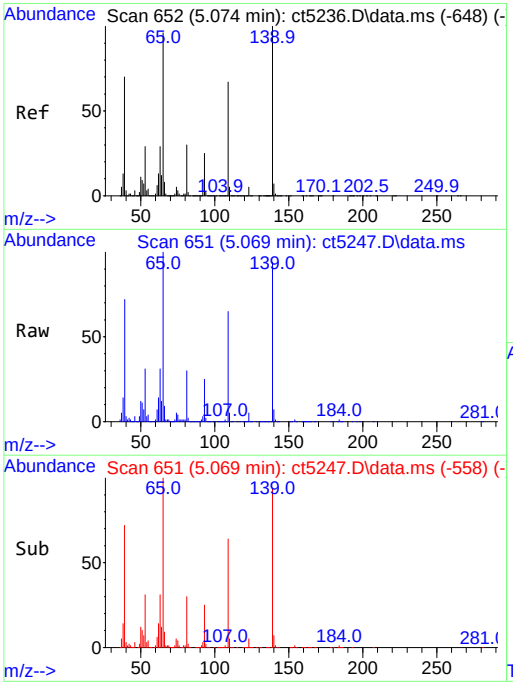


#60
2,4-Dinitrophenol
Concen: 93.36 ppm
RT: 5.032 min Scan# 644
Delta R.T. -0.005 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:184 Resp: 453649

Ion	Ratio	Lower	Upper
184	100		
63	80.3	32.3	92.3
154	65.3	29.0	89.0

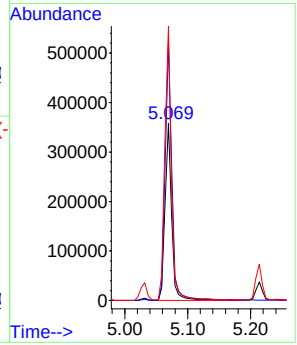


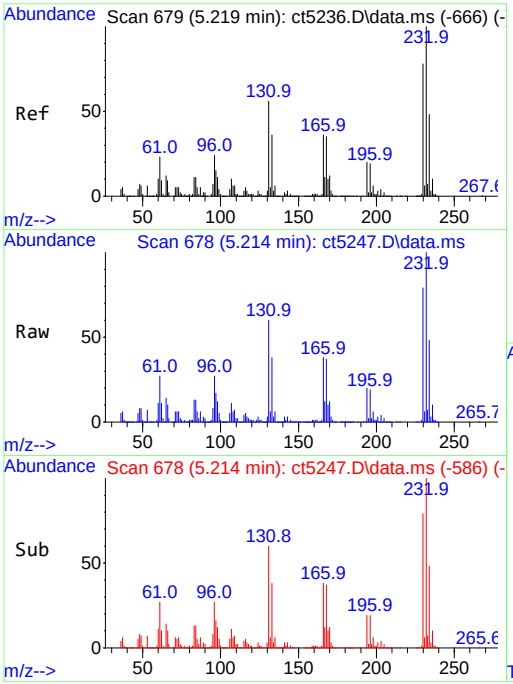


#61
4-Nitrophenol
Concen: 50.96 ppm
RT: 5.069 min Scan# 651
Delta R.T. -0.005 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:109 Resp: 262478

Ion	Ratio	Lower	Upper
109	100		
139	146.3	118.3	178.3
65	154.9	113.1	173.1

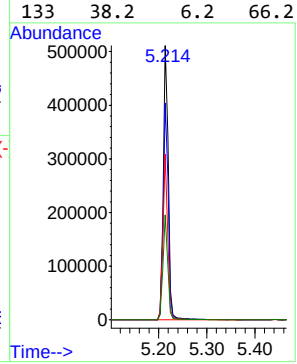


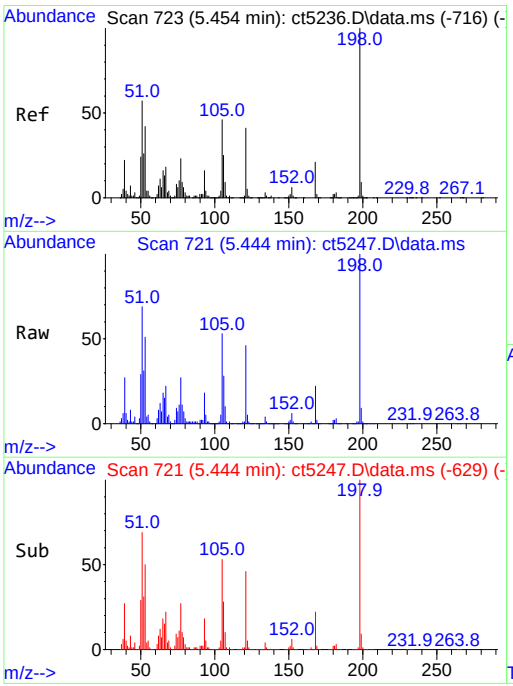


#64
2,3,4,6-Tetrachlorophenol
Concen: 46.40 ppm
RT: 5.214 min Scan# 678
Delta R.T. -0.005 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:232 Resp: 366928

Ion	Ratio	Lower	Upper
232	100		
230	79.0	48.2	108.2
131	60.4	25.8	85.8
133	38.2	6.2	66.2

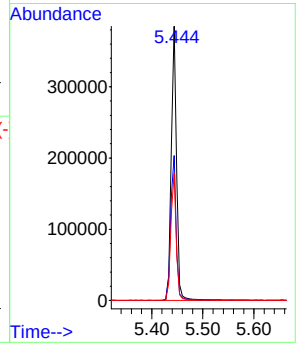


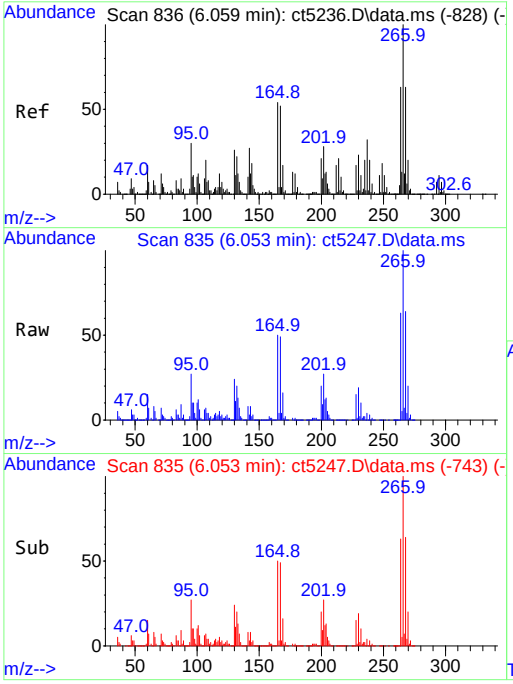


#70
4,6-Dinitro-2-methylphenol
Concen: 48.00 ppm
RT: 5.444 min Scan# 721
Delta R.T. -0.010 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:198 Resp: 276228

Ion	Ratio	Lower	Upper
198	100		
105	52.7	15.6	75.6
121	46.5	11.4	71.4

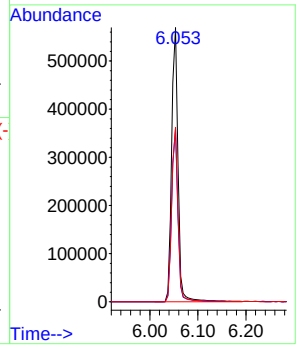




#77
Pentachlorophenol
Concen: 104.29 ppm
RT: 6.053 min Scan# 835
Delta R.T. -0.006 min
Lab File: ct5247.D
Acq: 15 Feb 2024 02:59 pm

Tgt Ion:266 Resp: 529875

Ion	Ratio	Lower	Upper
266	100		
264	63.1	32.9	92.9
268	63.7	33.4	93.4



7.6.10

7

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5248.D
Acq On : 15 Feb 2024 03:23 pm
Operator : jackleey
Sample : icv266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 16 09:46:53 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration

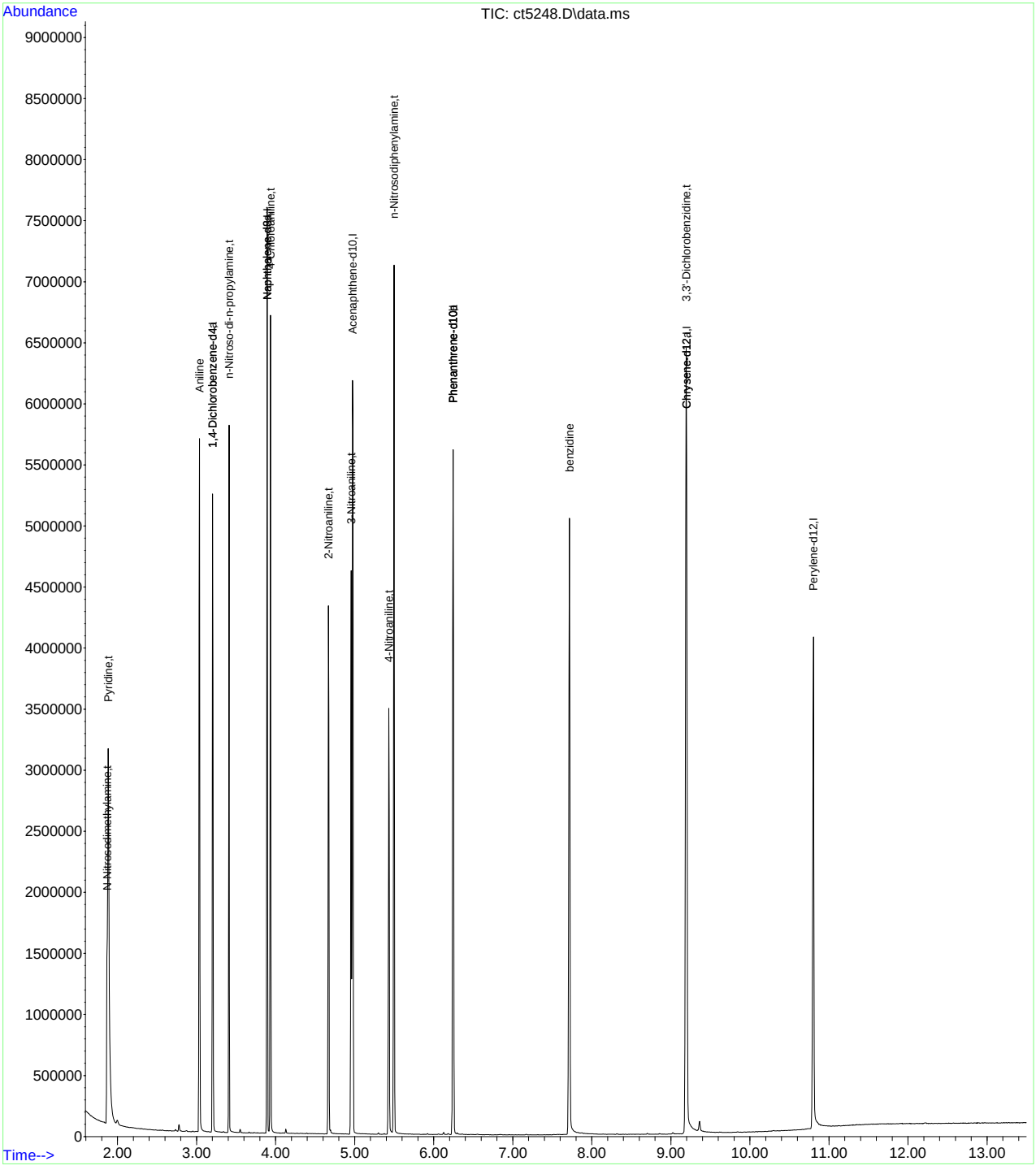
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.203	152	552052	40.00	ppm	0.00
24) Naphthalene-d8	3.893	136	2023756	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	1124861	40.00	ppm	0.00
69) Phenanthrene-d10	6.246	188	1998571	40.00	ppm	0.00
84) Chrysene-d12	9.198	240	1450068	40.00	ppm	0.00
93) Perylene-d12	10.803	264	1543737	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.203	152	552052	40.00	ppm	0.00
105) Phenanthrene-d10a	6.246	188	1998571	40.00	ppm	0.00
107) Naphthalene-d8a	3.893	136	2023756	40.00	ppm	0.00
109) Phenanthrene-d10b	6.246	188	1998571	40.00	ppm	0.00
112) Chrysene-d12a	9.198	240	1450068	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
3) Pyridine	1.881	79	1051275	44.47	ppm	98
4) N-Nitrosodimethylamine	1.871	74	600249	49.61	ppm	94
10) Aniline	3.037	93	1405606	43.63	ppm	99
22) n-Nitroso-di-n-propyla...	3.411	70	621182	47.59	ppm	99
39) 4-Chloroaniline	3.935	127	1066208	47.26	ppm	98
54) 2-Nitroaniline	4.668	65	581435	46.28	ppm	97
58) 3-Nitroaniline	4.957	138	501673	46.51	ppm	98
68) 4-Nitroaniline	5.433	138	498022	49.19	ppm	96
71) n-Nitrosodiphenylamine	5.497	169	1391257	42.62	ppm	99
85) benzidine	7.717	184	1943147	51.31	ppm	100
90) 3,3'-Dichlorobenzidine	9.193	252	834828	49.66	ppm	98

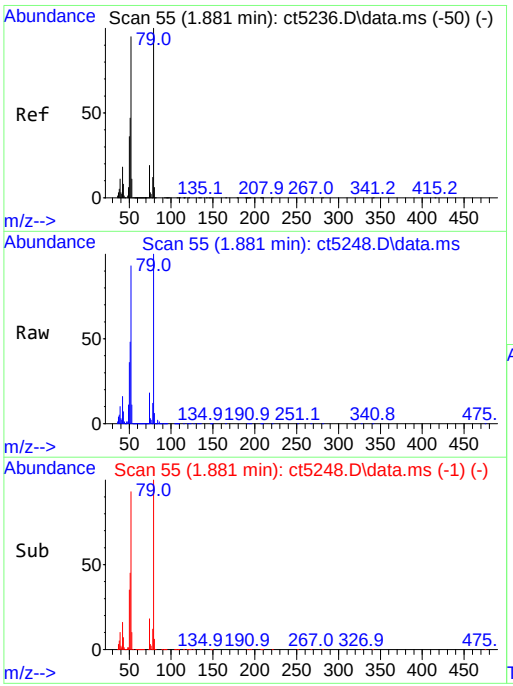
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect265\
Data File : ct5248.D
Acq On : 15 Feb 2024 03:23 pm
Operator : jackleey
Sample : icv266-50
Misc : op51652,ect266,1000,,,1,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 16 09:46:53 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 09:39:31 2024
Response via : Initial Calibration

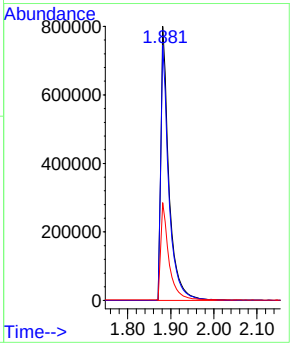


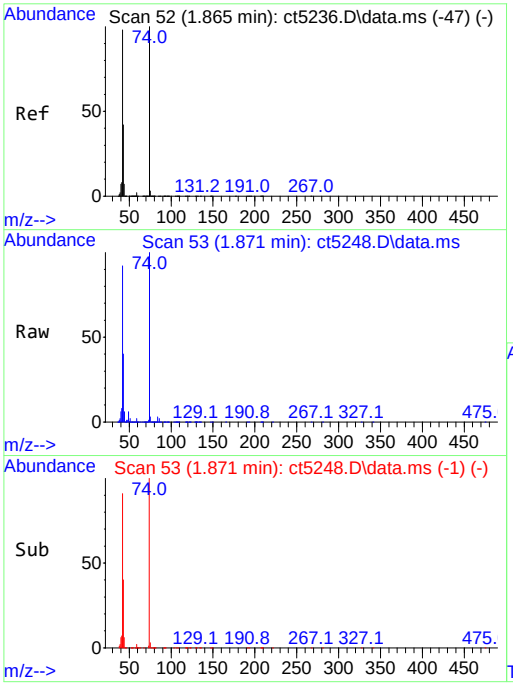


#3
Pyridine
Concen: 44.47 ppm
RT: 1.881 min Scan# 55
Delta R.T. 0.000 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion: 79 Resp: 1051275

Ion	Ratio	Lower	Upper
79	100		
52	92.9	65.5	125.5
50	35.4	5.9	65.9

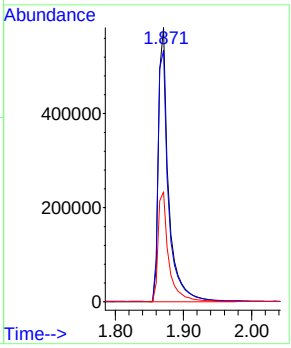


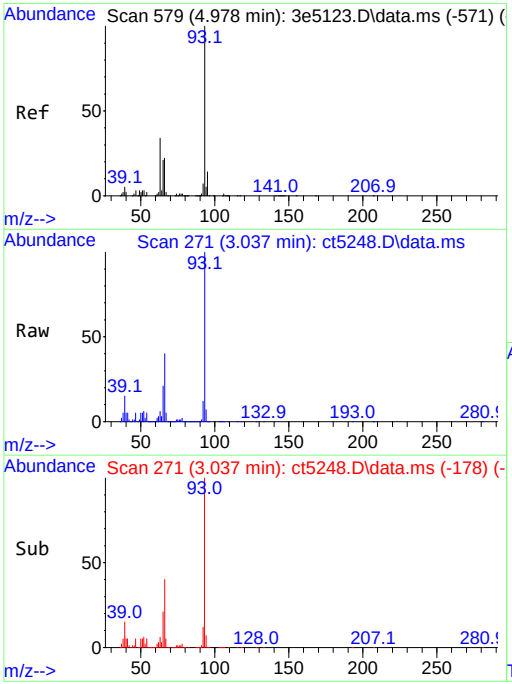


#4
N-Nitrosodimethylamine
Concen: 49.61 ppm
RT: 1.871 min Scan# 53
Delta R.T. 0.006 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion: 74 Resp: 600249

Ion	Ratio	Lower	Upper
74	100		
42	91.5	68.1	128.1
43	40.0	12.5	72.5

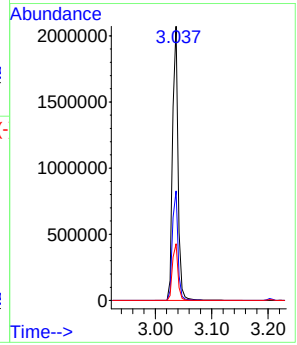


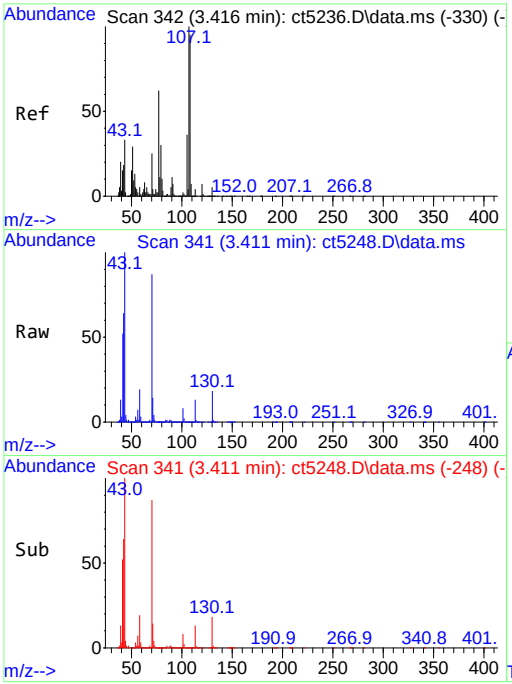


#10
Aniline
Concen: 43.63 ppm
RT: 3.037 min Scan# 271
Delta R.T. -0.000 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion: 93 Resp: 1405606

Ion	Ratio	Lower	Upper
93	100		
66	39.9	10.4	70.4
65	20.7	0.0	50.8

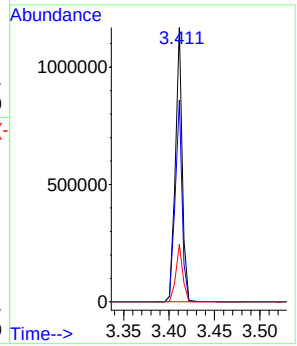


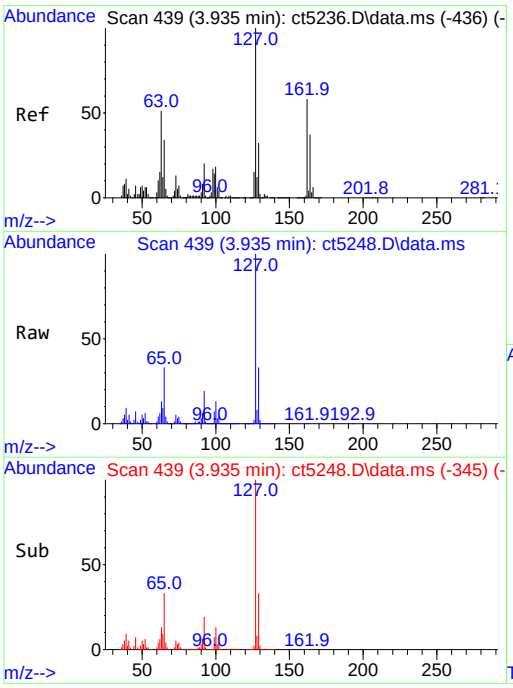


#22
n-Nitroso-di-n-propylamine
Concen: 47.59 ppm
RT: 3.411 min Scan# 341
Delta R.T. -0.005 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion: 70 Resp: 621182

Ion	Ratio	Lower	Upper
70	100		
42	73.5	42.3	102.3
130	20.9	0.0	50.5

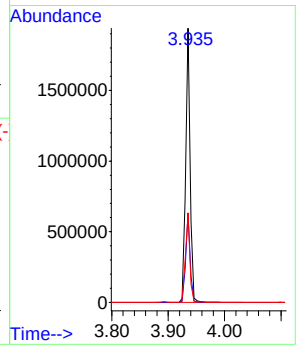


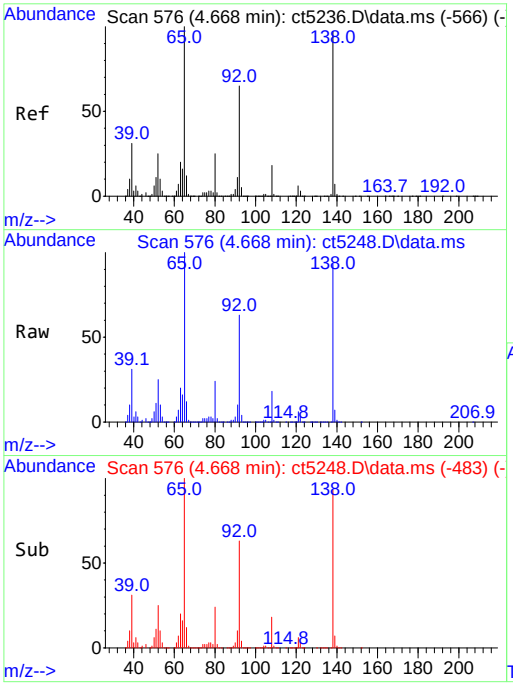


#39
4-Chloroaniline
Concen: 47.26 ppm
RT: 3.935 min Scan# 439
Delta R.T. 0.000 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion:127 Resp: 1066208

Ion	Ratio	Lower	Upper
127	100		
129	32.6	2.2	62.2
65	32.5	4.0	64.0

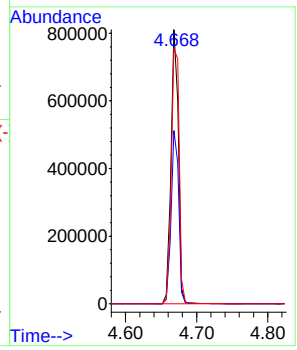


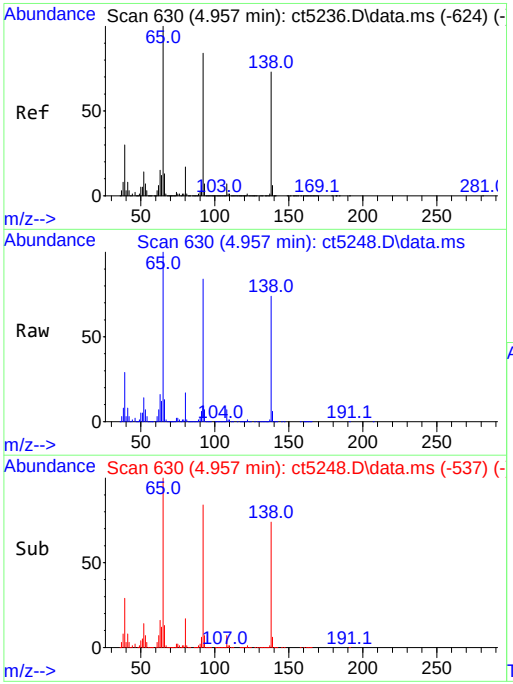


#54
2-Nitroaniline
Concen: 46.28 ppm
RT: 4.668 min Scan# 576
Delta R.T. 0.000 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion: 65 Resp: 581435

Ion	Ratio	Lower	Upper
65	100		
92	63.1	34.6	94.6
138	93.0	67.0	127.0

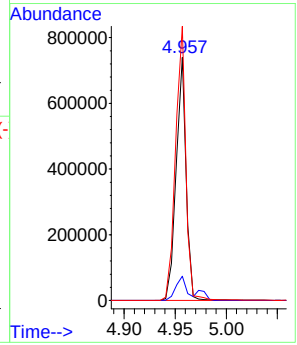


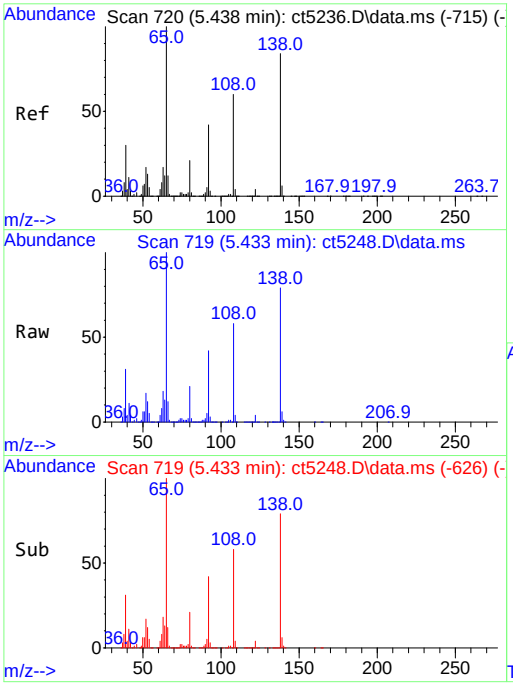


#58
3-Nitroaniline
Concen: 46.51 ppm
RT: 4.957 min Scan# 630
Delta R.T. -0.000 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion:138 Resp: 501673

Ion	Ratio	Lower	Upper
138	100		
108	10.0	0.0	40.1
92	112.8	84.8	144.8

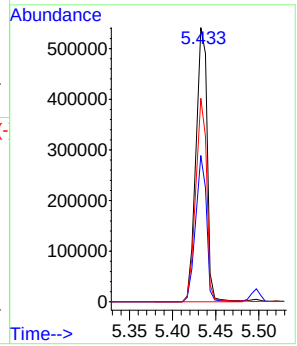


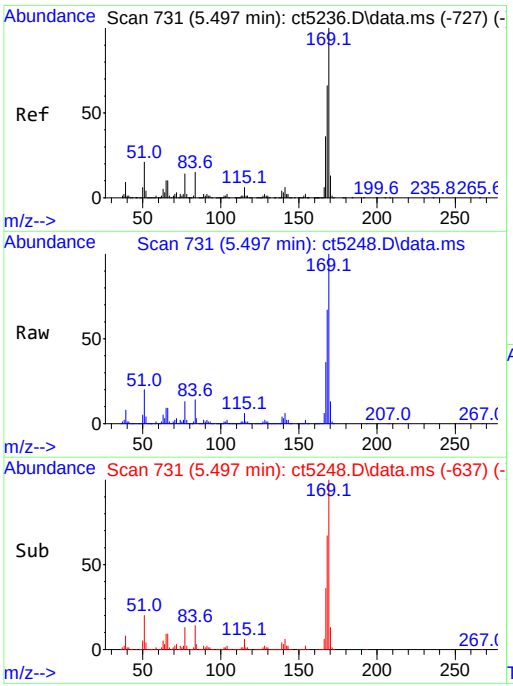


#68
4-Nitroaniline
Concen: 49.19 ppm
RT: 5.433 min Scan# 719
Delta R.T. -0.005 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion:138 Resp: 498022

Ion	Ratio	Lower	Upper
138	100		
92	53.3	20.2	80.2
108	74.1	41.6	101.6

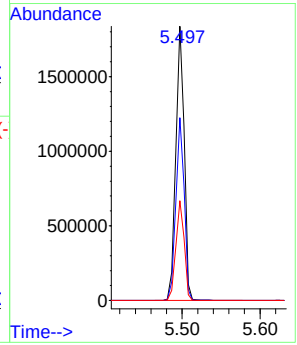


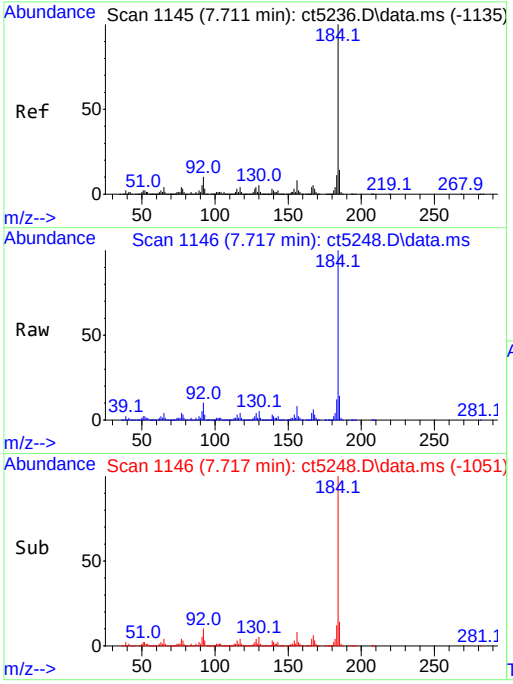


#71
n-Nitrosodiphenylamine
Concen: 42.62 ppm
RT: 5.497 min Scan# 731
Delta R.T. 0.000 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion:169 Resp: 1391257

Ion	Ratio	Lower	Upper
169	100		
168	66.6	36.0	96.0
167	36.3	6.2	66.2

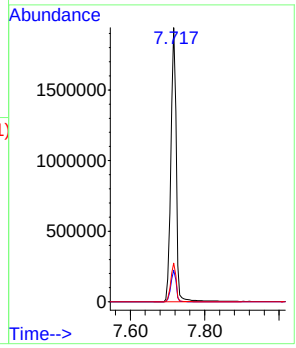


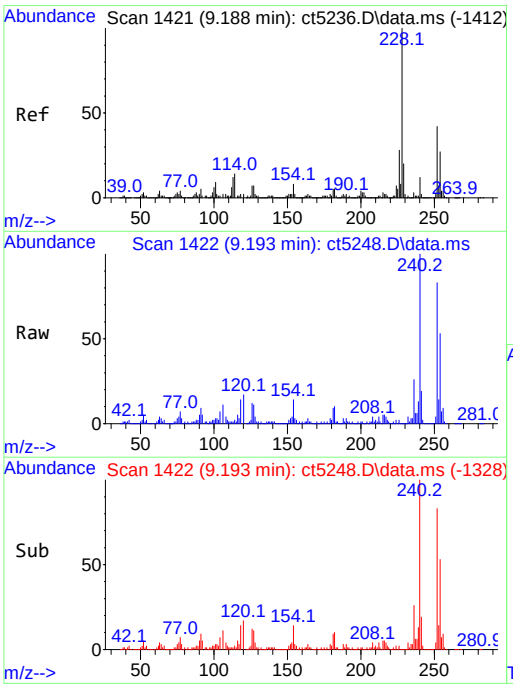


#85
benzidine
Concen: 51.31 ppm
RT: 7.717 min Scan# 1146
Delta R.T. 0.006 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion:184 Resp: 1943147

Ion	Ratio	Lower	Upper
184	100		
183	11.3	9.1	13.7
185	14.1	11.1	16.7

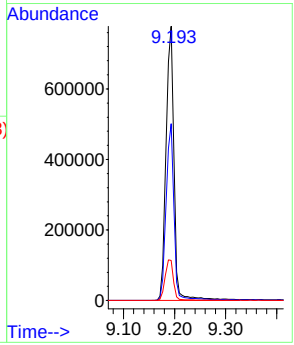




#90
3,3'-Dichlorobenzidine
Concen: 49.66 ppm
RT: 9.193 min Scan# 1422
Delta R.T. 0.005 min
Lab File: ct5248.D
Acq: 15 Feb 2024 03:23 pm

Tgt Ion:252 Resp: 834828

Ion	Ratio	Lower	Upper
252	100		
254	64.4	33.8	93.8
126	14.6	0.0	47.4



7.6.11

7

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5251.D
Acq On : 16 Feb 2024 10:37 am
Operator : jackleey
Sample : ic267-1
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 16 13:17:49 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

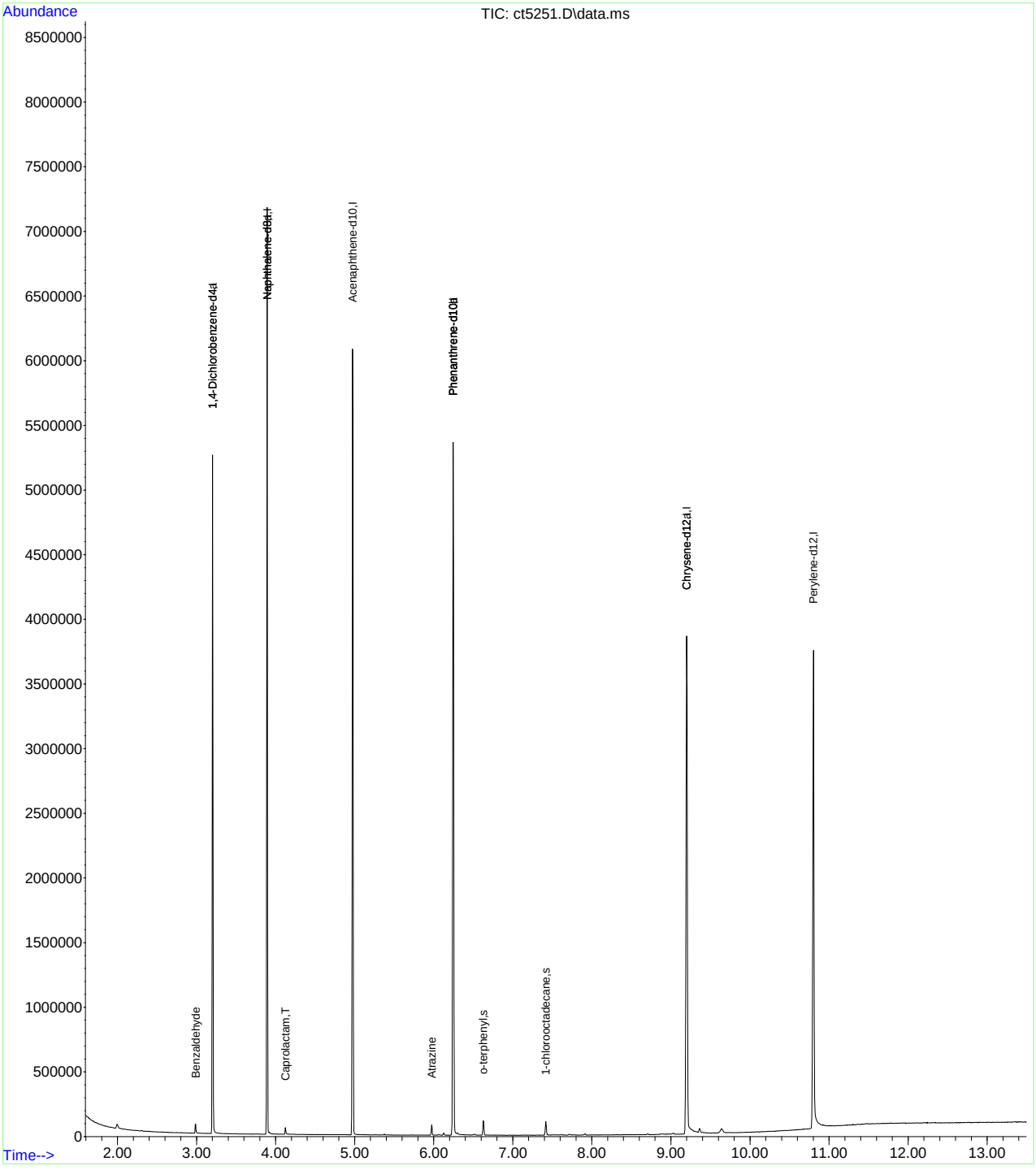
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.202	152	514631	40.00	ppm	0.00
24) Naphthalene-d8	3.892	136	1945221	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	1065991	40.00	ppm	0.00
69) Phenanthrene-d10	6.246	188	1888649	40.00	ppm	0.00
84) Chrysene-d12	9.198	240	1472626	40.00	ppm	0.00
93) Perylene-d12	10.803	264	1488575	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.202	152	514631	40.00	ppm	0.00
105) Phenanthrene-d10a	6.246	188	1888649	40.00	ppm	0.00
107) Naphthalene-d8a	3.892	136	1945221	40.00	ppm	0.00
109) Phenanthrene-d10b	6.246	188	1888649	40.00	ppm	0.00
112) Chrysene-d12a	9.198	240	1472626	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	7.417	57	15657	0.68	ppm	0.00
Spiked Amount 50.000			Recovery = 1.36%			
111) o-terphenyl	6.626	230	18793	0.90	ppm	-0.01
Spiked Amount 50.000			Recovery = 1.80%			
Target Compounds						Qvalue
104) Benzaldehyde	2.988	105	12831	0.86	ppm	92
106) Atrazine	5.973	215	3145	0.75	ppm	94
108) Caprolactam	4.122	55	7180	0.62	ppm	95

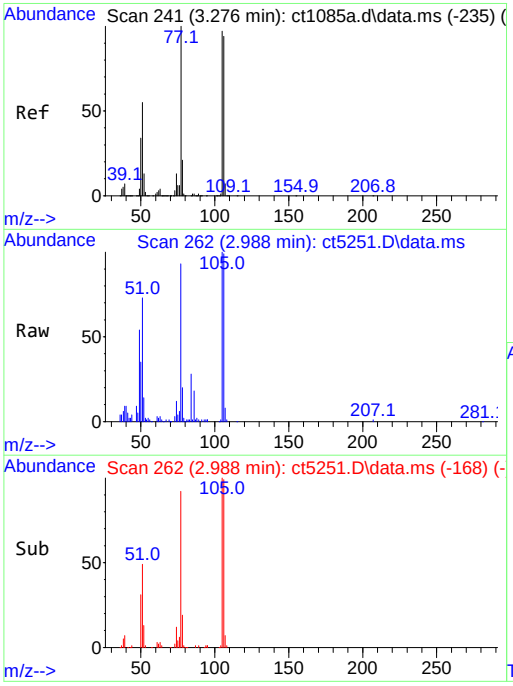
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5251.D
Acq On : 16 Feb 2024 10:37 am
Operator : jackleey
Sample : ic267-1
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 16 13:17:49 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

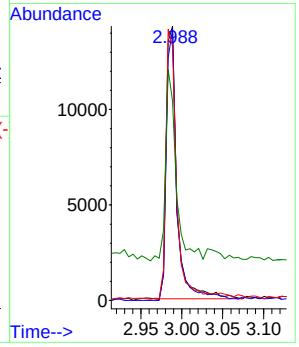


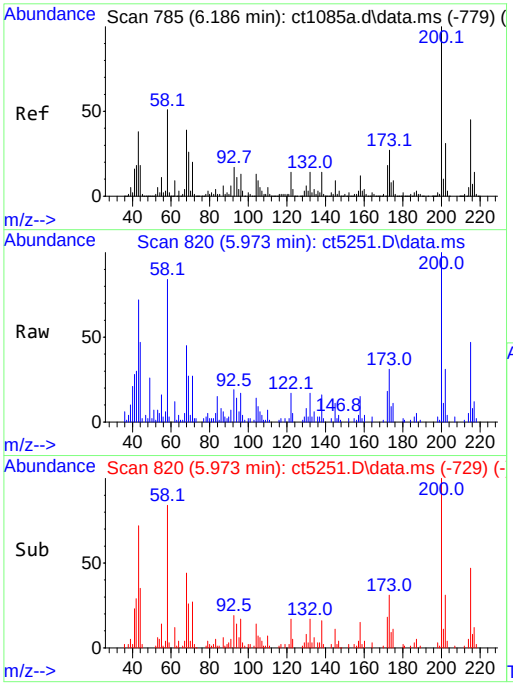


#104
Benzaldehyde
Concen: 0.86 ppm
RT: 2.988 min Scan# 262
Delta R.T. 0.005 min
Lab File: ct5251.D
Acq: 16 Feb 2024 10:37 am

Tgt Ion:105 Resp: 12831

Ion	Ratio	Lower	Upper
105	100		
106	99.0	66.0	126.0
77	92.1	72.4	132.4
51	57.5	35.7	95.7

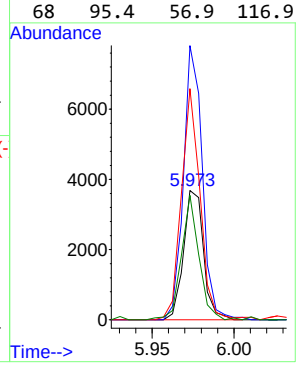


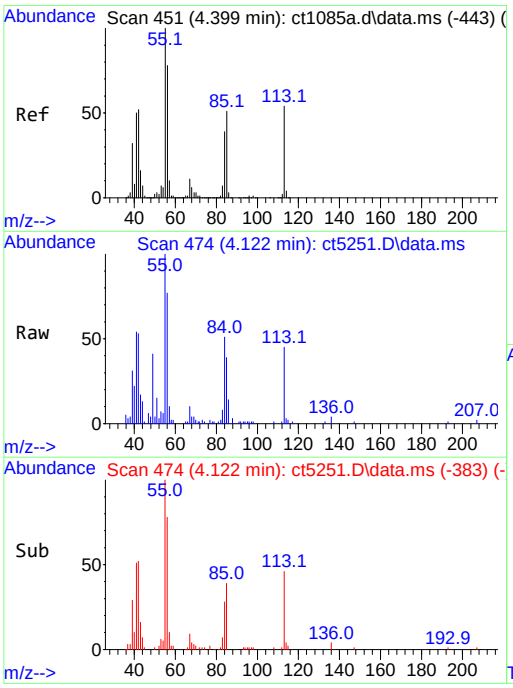


#106
Atrazine
Concen: 0.75 ppm
RT: 5.973 min Scan# 820
Delta R.T. -0.011 min
Lab File: ct5251.D
Acq: 16 Feb 2024 10:37 am

Tgt Ion:215 Resp: 3145

Ion	Ratio	Lower	Upper
215	100		
200	210.9	187.6	247.6
58	177.6	137.4	197.4
68	95.4	56.9	116.9

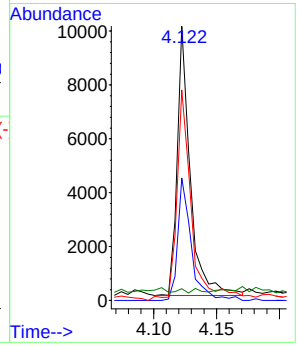




#108
Caprolactam
Concen: 0.62 ppm
RT: 4.122 min Scan# 474
Delta R.T. -0.011 min
Lab File: ct5251.D
Acq: 16 Feb 2024 10:37 am

Tgt Ion: 55 Resp: 7180

Ion	Ratio	Lower	Upper
55	100		
113	45.7	13.1	73.1
56	77.0	42.2	102.2
48	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5252.D
Acq On : 16 Feb 2024 10:54 am
Operator : jackleey
Sample : ic267-2
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 13:19:13 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

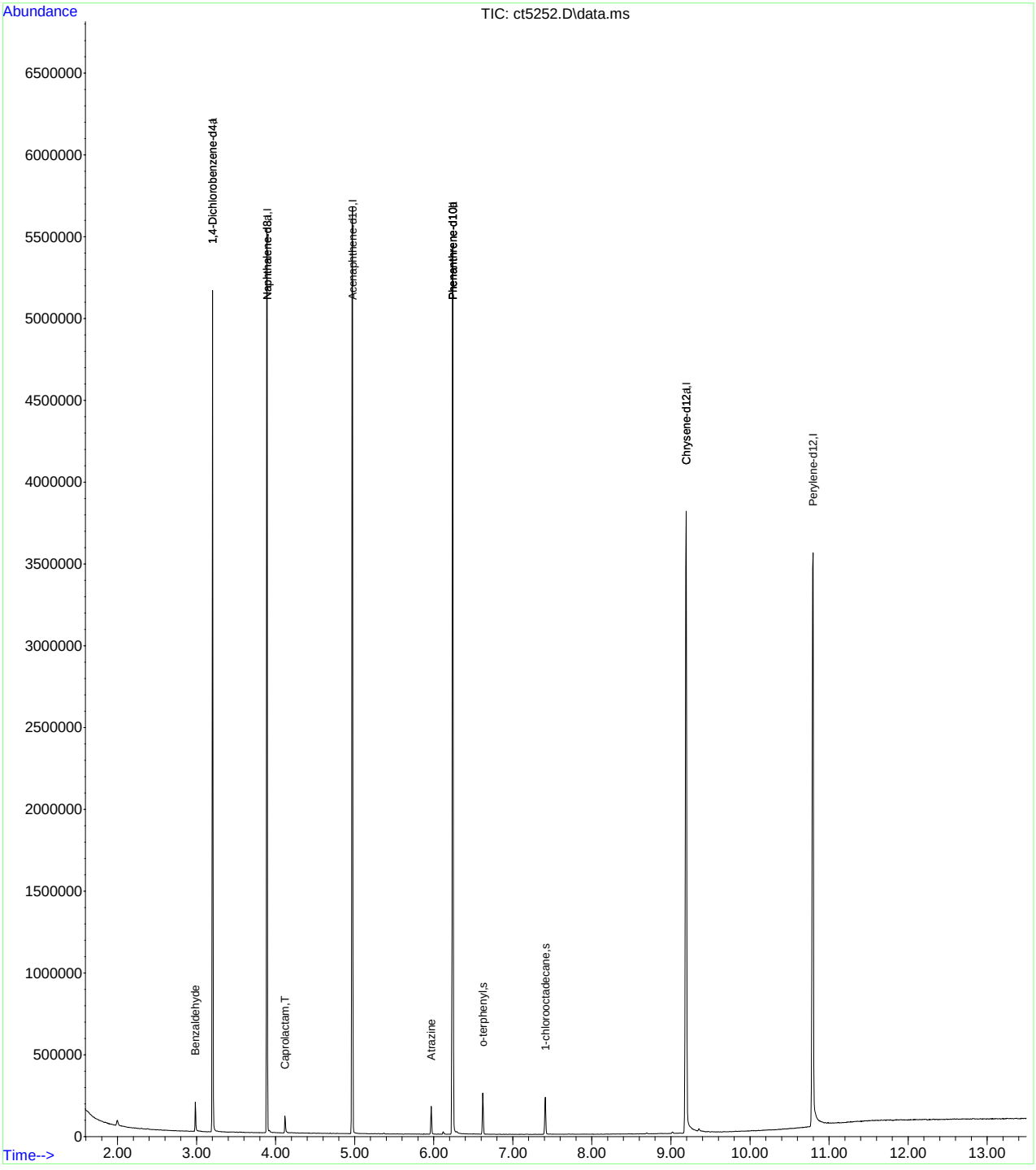
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.202	152	495468	40.00	ppm	0.00
24) Naphthalene-d8	3.892	136	1873453	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	1026218	40.00	ppm	0.00
69) Phenanthrene-d10	6.241	188	1838307	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1446110	40.00	ppm	-0.01
93) Perylene-d12	10.798	264	1472223	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.202	152	495468	40.00	ppm	0.00
105) Phenanthrene-d10a	6.241	188	1838307	40.00	ppm	0.00
107) Naphthalene-d8a	3.892	136	1873453	40.00	ppm	0.00
109) Phenanthrene-d10b	6.241	188	1838307	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1446110	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	7.412	57	34000	1.53	ppm	-0.01
Spiked Amount 50.000			Recovery = 3.06%			
111) o-terphenyl	6.620	230	37526	1.85	ppm	-0.02
Spiked Amount 50.000			Recovery = 3.70%			
Target Compounds						Qvalue
104) Benzaldehyde	2.983	105	25710	1.78	ppm	94
106) Atrazine	5.968	215	5894	1.44	ppm	95
108) Caprolactam	4.117	55	15539	1.40	ppm	95

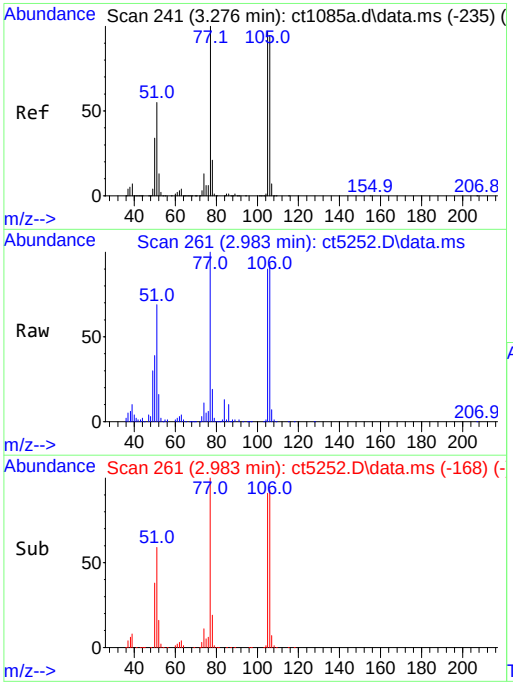
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5252.D
Acq On : 16 Feb 2024 10:54 am
Operator : jackleey
Sample : ic267-2
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 13:19:13 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

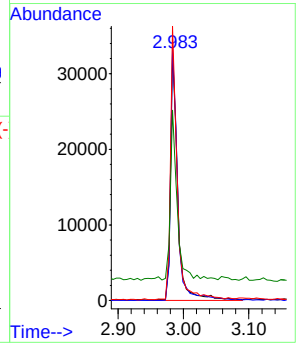


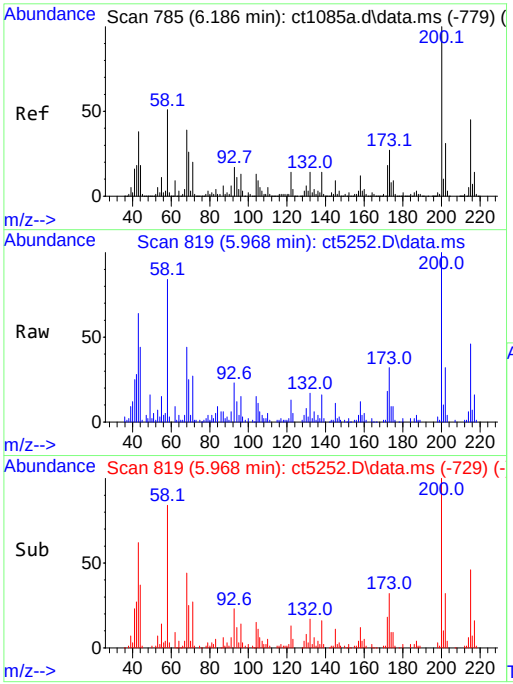


#104
Benzaldehyde
Concen: 1.78 ppm
RT: 2.983 min Scan# 261
Delta R.T. -0.000 min
Lab File: ct5252.D
Acq: 16 Feb 2024 10:54 am

Tgt Ion:105 Resp: 25710

Ion	Ratio	Lower	Upper
105	100		
106	102.5	66.0	126.0
77	110.1	72.4	132.4
51	68.0	35.7	95.7

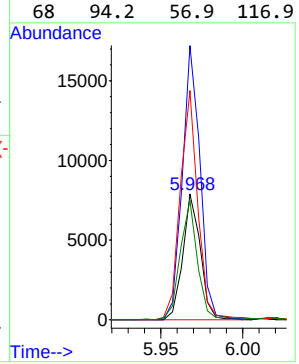


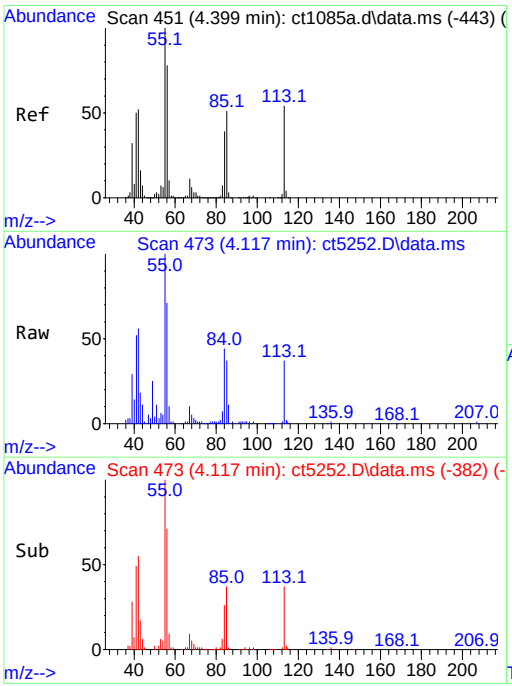


#106
Atrazine
Concen: 1.44 ppm
RT: 5.968 min Scan# 819
Delta R.T. -0.016 min
Lab File: ct5252.D
Acq: 16 Feb 2024 10:54 am

Tgt Ion:215 Resp: 5894

Ion	Ratio	Lower	Upper
215	100		
200	217.5	187.6	247.6
58	181.3	137.4	197.4
68	94.2	56.9	116.9

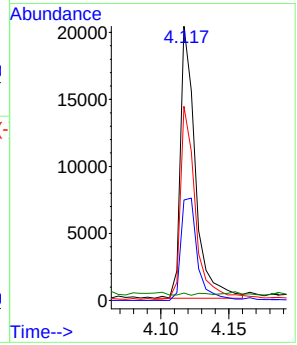




#108
Caprolactam
Concen: 1.40 ppm
RT: 4.117 min Scan# 473
Delta R.T. -0.016 min
Lab File: ct5252.D
Acq: 16 Feb 2024 10:54 am

Tgt Ion: 55 Resp: 15539

Ion	Ratio	Lower	Upper
55	100		
113	36.9	13.1	73.1
56	70.7	42.2	102.2
48	0.3	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5253.D
Acq On : 16 Feb 2024 11:12 am
Operator : jackleey
Sample : ic267-5
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 16 13:20:27 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

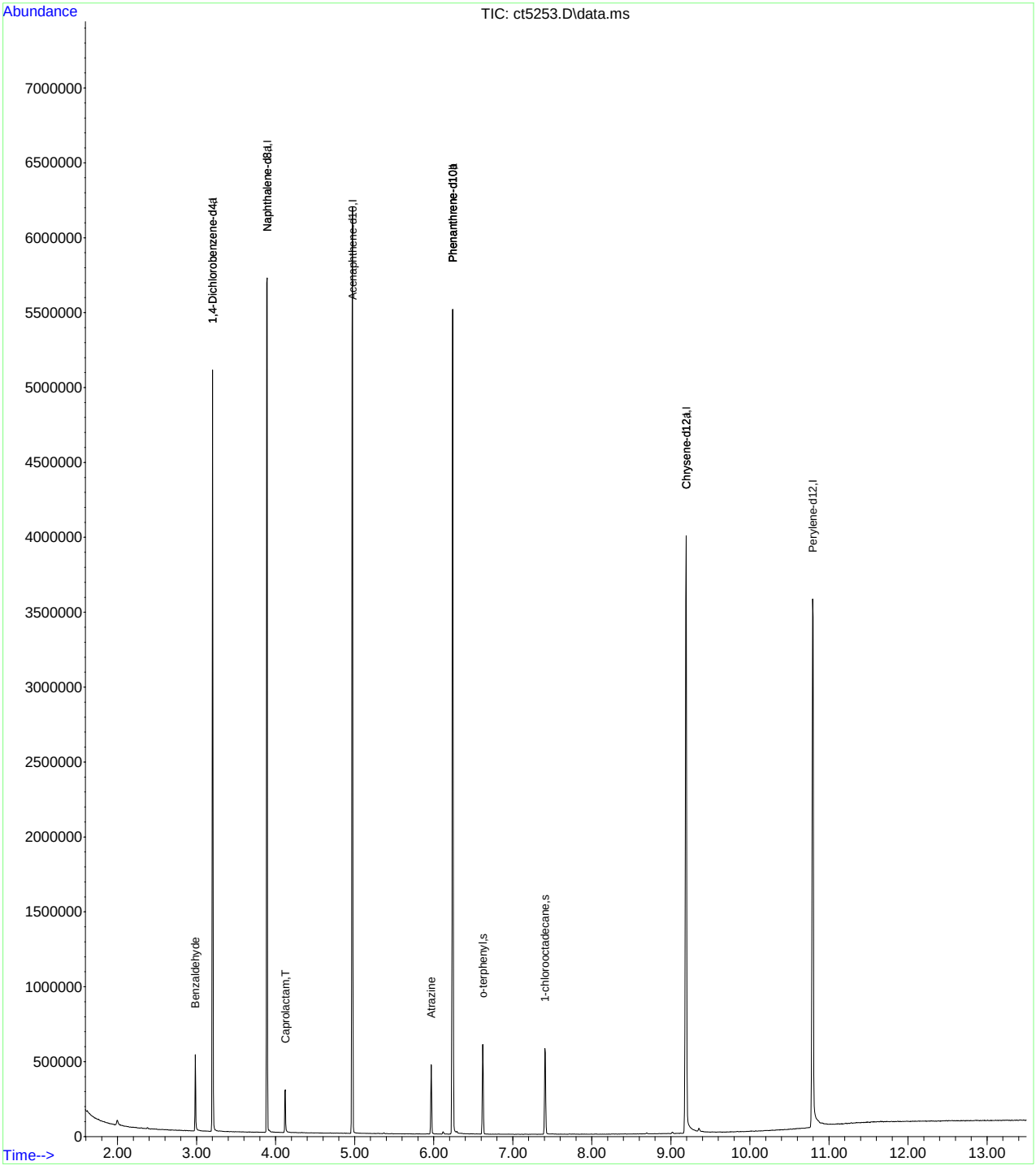
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.203	152	512699	40.00	ppm	0.00
24) Naphthalene-d8	3.893	136	1926328	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	1041650	40.00	ppm	0.00
69) Phenanthrene-d10	6.241	188	1879687	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1453659	40.00	ppm	-0.01
93) Perylene-d12	10.792	264	1503357	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.203	152	512699	40.00	ppm	0.00
105) Phenanthrene-d10a	6.241	188	1879687	40.00	ppm	0.00
107) Naphthalene-d8a	3.893	136	1926328	40.00	ppm	0.00
109) Phenanthrene-d10b	6.241	188	1879687	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1453659	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	7.407	57	93943	4.13	ppm	-0.02
Spiked Amount 50.000			Recovery = 8.26%			
111) o-terphenyl	6.620	230	95968	4.63	ppm	-0.02
Spiked Amount 50.000			Recovery = 9.26%			
Target Compounds						Qvalue
104) Benzaldehyde	2.983	105	65737	4.40	ppm	98
106) Atrazine	5.968	215	16612	3.98	ppm	97
108) Caprolactam	4.122	55	44056	3.85	ppm	96

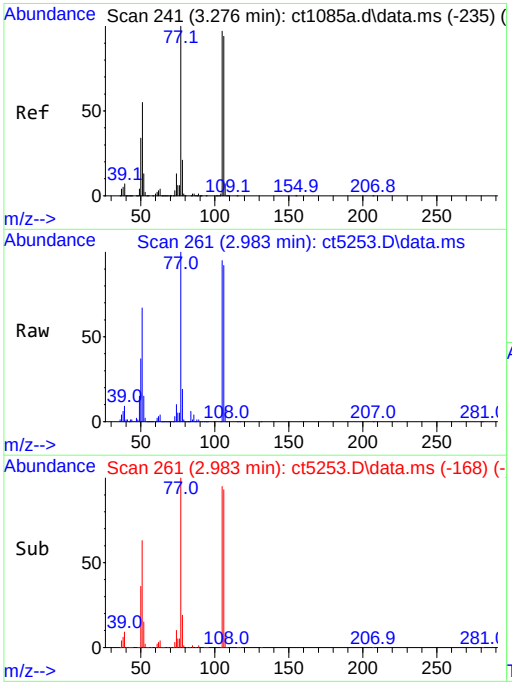
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5253.D
Acq On : 16 Feb 2024 11:12 am
Operator : jackleey
Sample : ic267-5
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 16 13:20:27 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

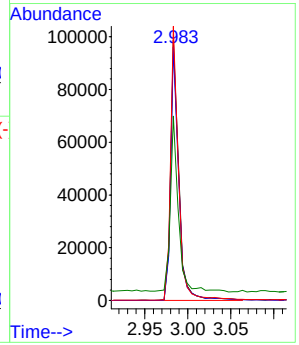


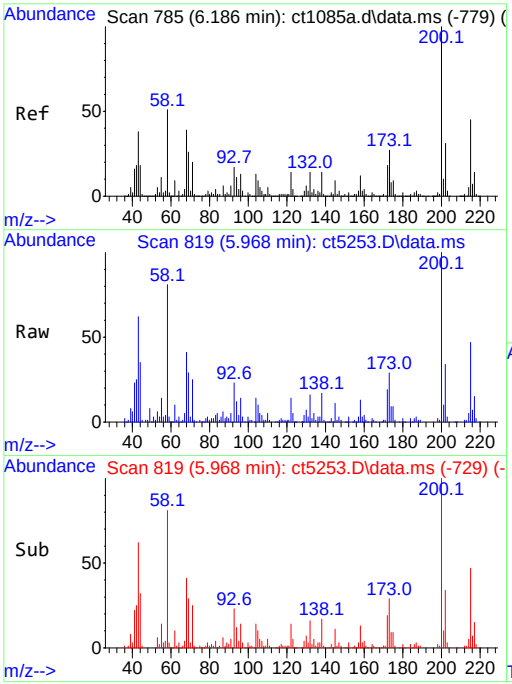


#104
Benzaldehyde
Concen: 4.40 ppm
RT: 2.983 min Scan# 261
Delta R.T. 0.000 min
Lab File: ct5253.D
Acq: 16 Feb 2024 11:12 am

Tgt Ion:105 Resp: 65737

Ion	Ratio	Lower	Upper
105	100		
106	97.5	66.0	126.0
77	105.3	72.4	132.4
51	67.2	35.7	95.7

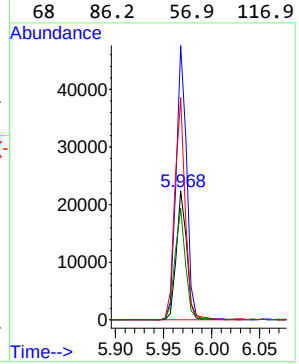


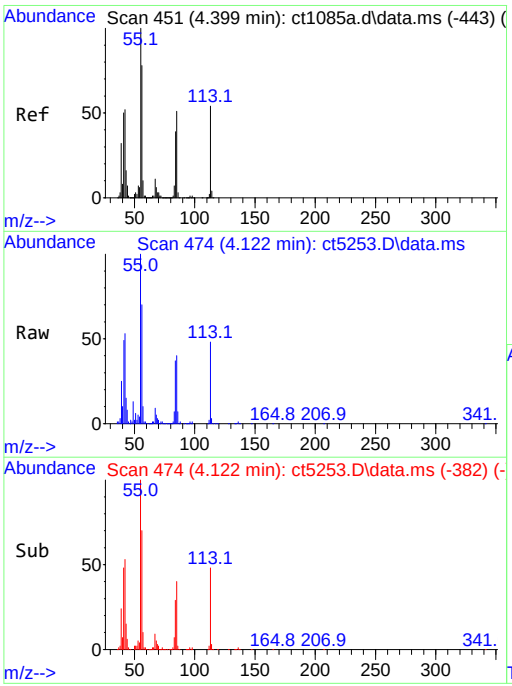


#106
Atrazine
Concen: 3.98 ppm
RT: 5.968 min Scan# 819
Delta R.T. -0.016 min
Lab File: ct5253.D
Acq: 16 Feb 2024 11:12 am

Tgt Ion:215 Resp: 16612

Ion	Ratio	Lower	Upper
215	100		
200	212.6	187.6	247.6
58	172.1	137.4	197.4
68	86.2	56.9	116.9

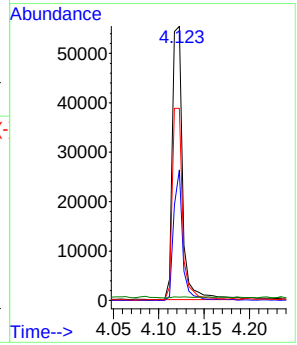




#108
Caprolactam
Concen: 3.85 ppm
RT: 4.122 min Scan# 474
Delta R.T. -0.011 min
Lab File: ct5253.D
Acq: 16 Feb 2024 11:12 am

Tgt Ion: 55 Resp: 44056

Ion	Ratio	Lower	Upper
55	100		
113	47.7	13.1	73.1
56	70.1	42.2	102.2
48	0.1	0.0	30.0



7.6.14

7

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5254.D
Acq On : 16 Feb 2024 11:30 am
Operator : jackleey
Sample : ic267-10
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 16 13:21:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

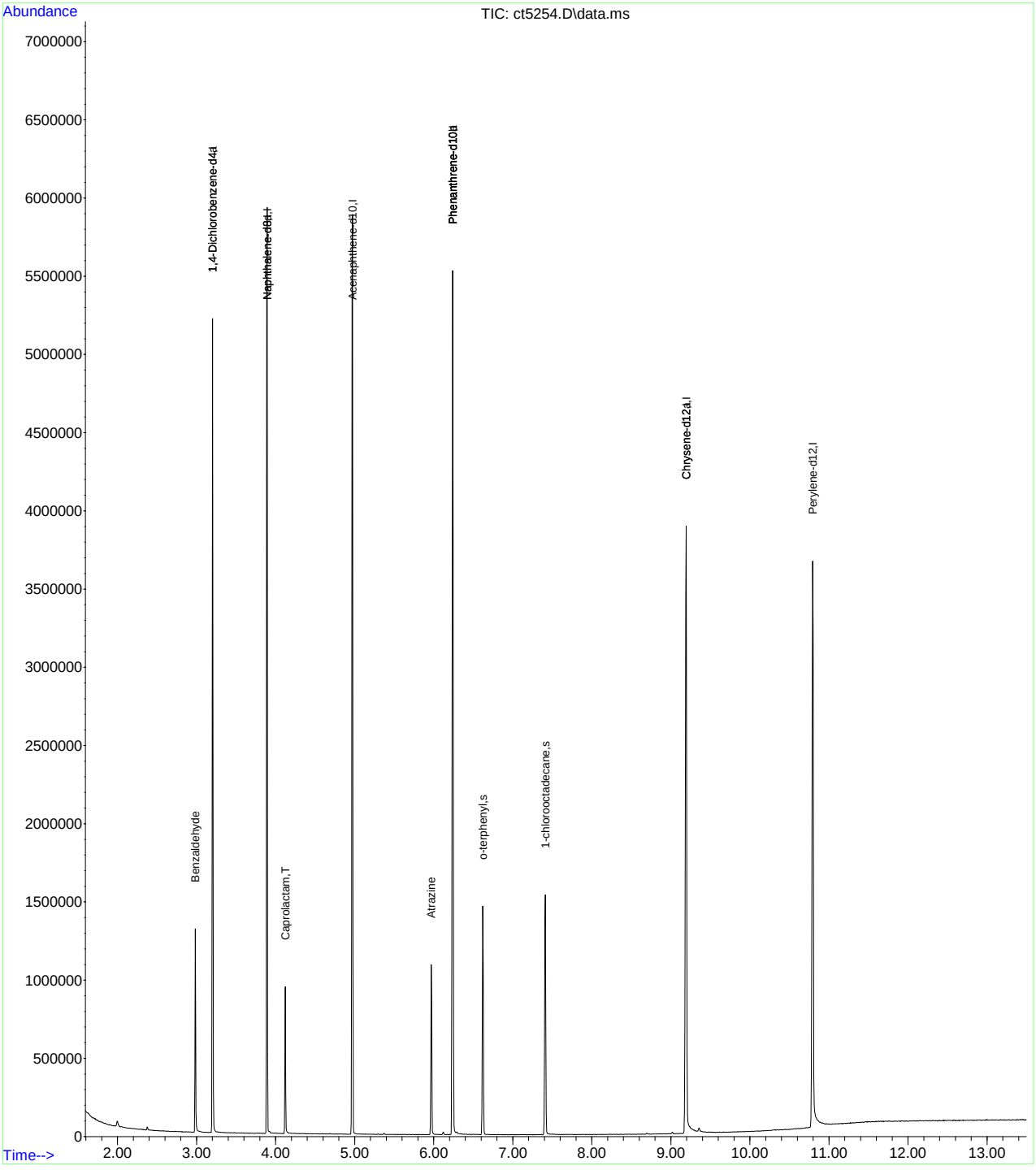
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.203	152	510093	40.00	ppm	0.00
24) Naphthalene-d8	3.893	136	1907902	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	1043677	40.00	ppm	0.00
69) Phenanthrene-d10	6.241	188	1859174	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1451043	40.00	ppm	-0.01
93) Perylene-d12	10.792	264	1482655	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.203	152	510093	40.00	ppm	0.00
105) Phenanthrene-d10a	6.241	188	1859174	40.00	ppm	0.00
107) Naphthalene-d8a	3.893	136	1907902	40.00	ppm	0.00
109) Phenanthrene-d10b	6.241	188	1859174	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1451043	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	7.412	57	238878	10.61	ppm	-0.01
Spiked Amount 50.000			Recovery = 21.22%			
111) o-terphenyl	6.620	230	232578	11.35	ppm	-0.02
Spiked Amount 50.000			Recovery = 22.70%			
Target Compounds						Qvalue
104) Benzaldehyde	2.983	105	158430	10.67	ppm	100
106) Atrazine	5.968	215	41570	10.06	ppm	90
108) Caprolactam	4.122	55	107941	9.52	ppm	99

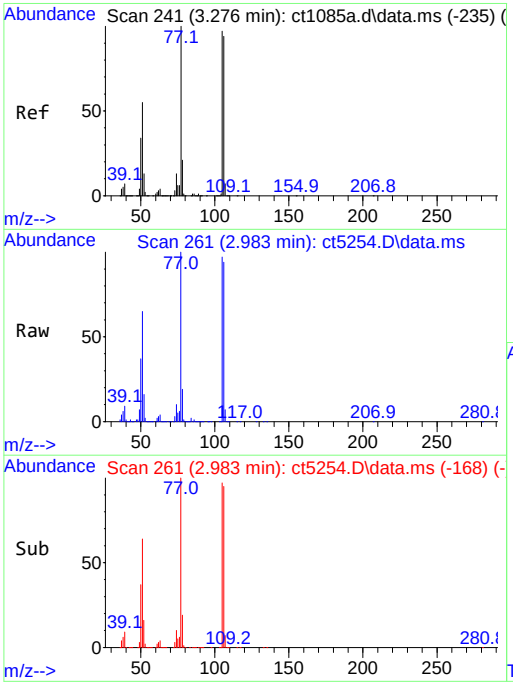
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5254.D
Acq On : 16 Feb 2024 11:30 am
Operator : jackleey
Sample : ic267-10
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 16 13:21:31 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

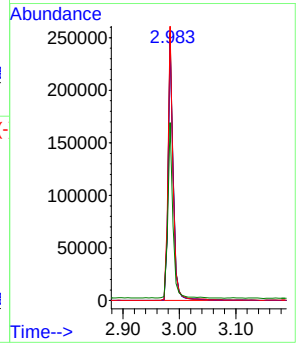


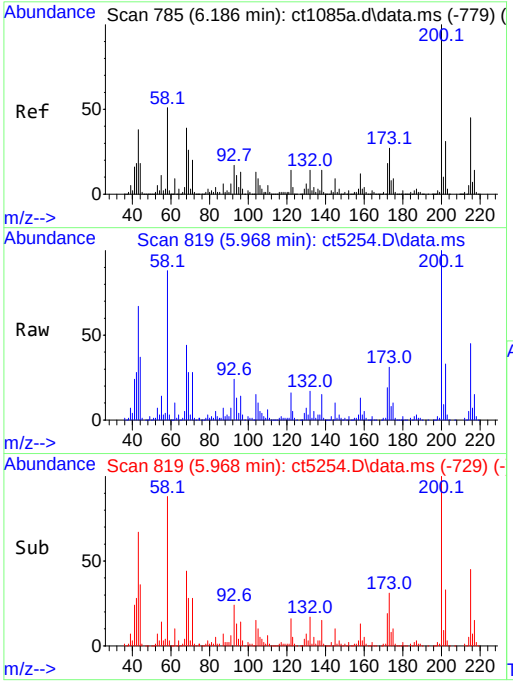


#104
Benzaldehyde
Concen: 10.67 ppm
RT: 2.983 min Scan# 261
Delta R.T. 0.000 min
Lab File: ct5254.D
Acq: 16 Feb 2024 11:30 am

Tgt Ion:105 Resp: 158430

Ion	Ratio	Lower	Upper
105	100		
106	97.0	66.0	126.0
77	102.7	72.4	132.4
51	65.7	35.7	95.7

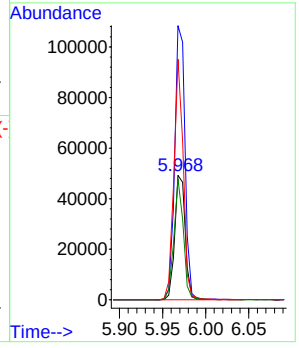


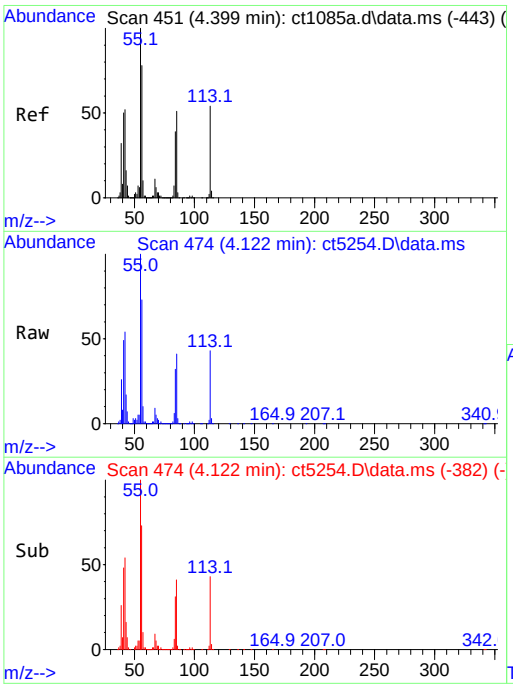


#106
Atrazine
Concen: 10.06 ppm
RT: 5.968 min Scan# 819
Delta R.T. -0.016 min
Lab File: ct5254.D
Acq: 16 Feb 2024 11:30 am

Tgt Ion:215 Resp: 41570

Ion	Ratio	Lower	Upper
215	100		
200	220.2	187.6	247.6
58	193.1	137.4	197.4
68	97.1	56.9	116.9

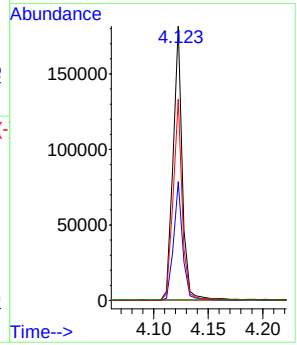




#108
Caprolactam
Concen: 9.52 ppm
RT: 4.122 min Scan# 474
Delta R.T. -0.011 min
Lab File: ct5254.D
Acq: 16 Feb 2024 11:30 am

Tgt Ion: 55 Resp: 107941

Ion	Ratio	Lower	Upper
55	100		
113	43.4	13.1	73.1
56	73.4	42.2	102.2
48	0.1	0.0	30.0



7.6.15

7

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5255.D
Acq On : 16 Feb 2024 11:47 am
Operator : jackleey
Sample : ic267-25
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 16 13:22:45 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

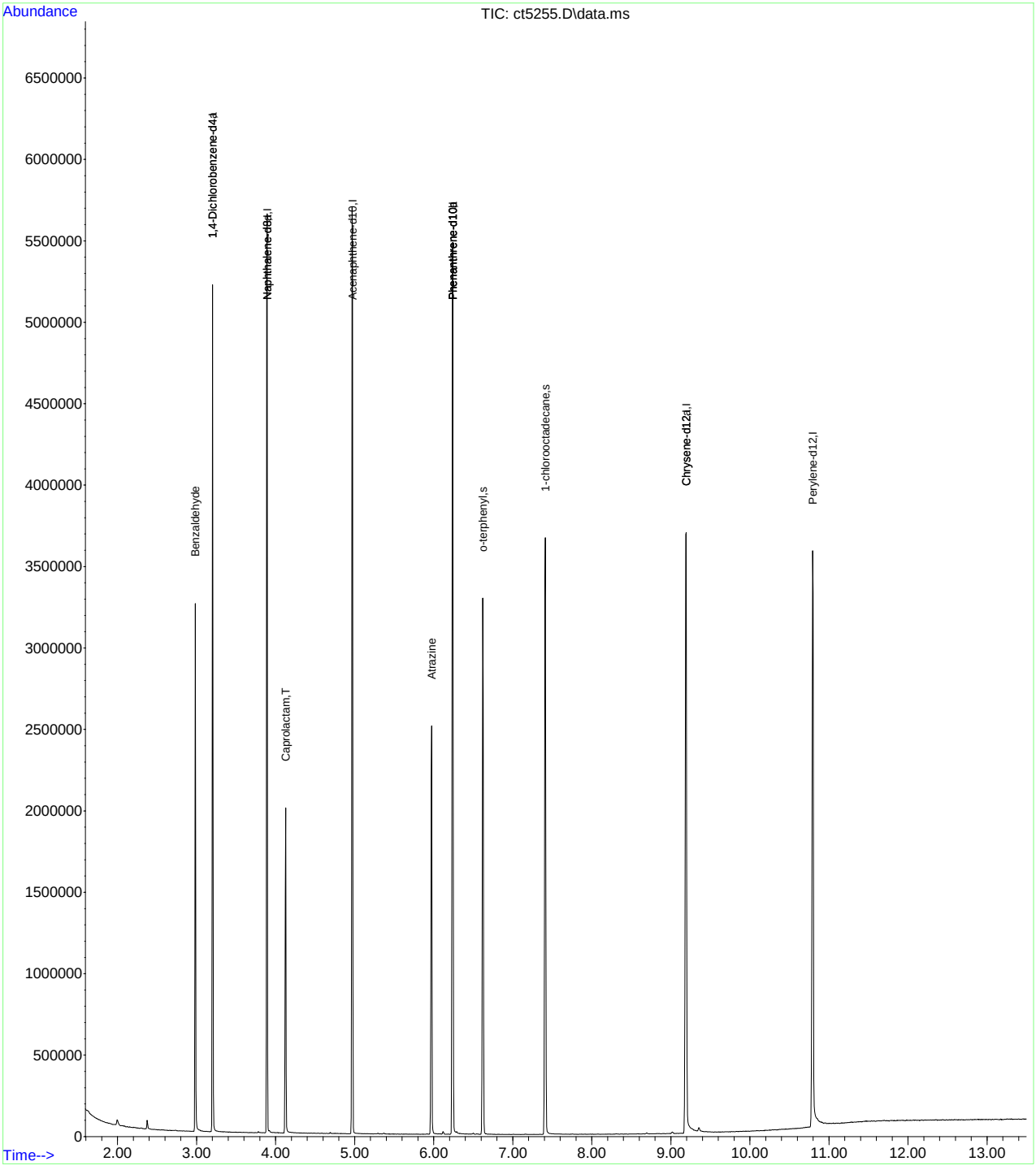
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.203	152	493667	40.00	ppm	0.00
24) Naphthalene-d8	3.893	136	1873979	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	1022663	40.00	ppm	0.00
69) Phenanthrene-d10	6.241	188	1820015	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1437932	40.00	ppm	-0.01
93) Perylene-d12	10.792	264	1457065	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.203	152	493667	40.00	ppm	0.00
105) Phenanthrene-d10a	6.241	188	1820015	40.00	ppm	0.00
107) Naphthalene-d8a	3.893	136	1873979	40.00	ppm	0.00
109) Phenanthrene-d10b	6.241	188	1820015	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1437932	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	7.412	57	587404	26.66	ppm	-0.01
Spiked Amount 50.000			Recovery = 53.32%			
111) o-terphenyl	6.620	230	555135	27.68	ppm	-0.02
Spiked Amount 50.000			Recovery = 55.36%			
Target Compounds						Qvalue
104) Benzaldehyde	2.983	105	392524	27.31	ppm	99
106) Atrazine	5.973	215	105459	26.06	ppm	90
108) Caprolactam	4.128	55	276851	24.87	ppm	98

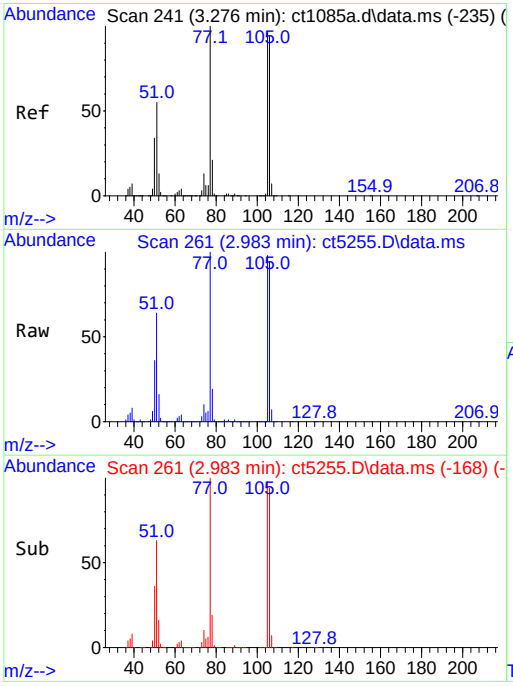
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5255.D
Acq On : 16 Feb 2024 11:47 am
Operator : jackleey
Sample : ic267-25
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 16 13:22:45 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

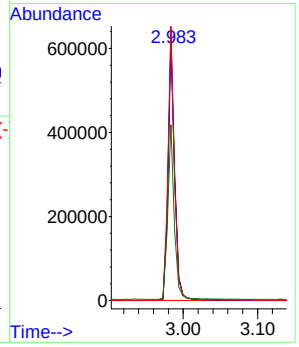


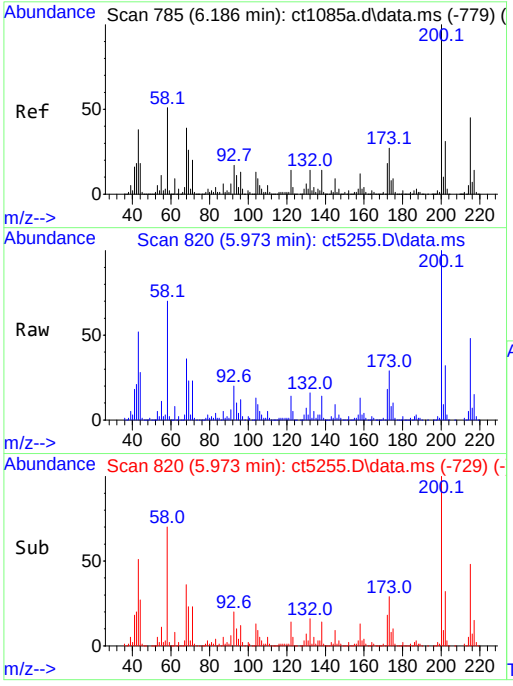


#104
Benzaldehyde
Concen: 27.31 ppm
RT: 2.983 min Scan# 261
Delta R.T. 0.000 min
Lab File: ct5255.D
Acq: 16 Feb 2024 11:47 am

Tgt Ion:105 Resp: 392524

Ion	Ratio	Lower	Upper
105	100		
106	95.0	66.0	126.0
77	101.6	72.4	132.4
51	64.6	35.7	95.7

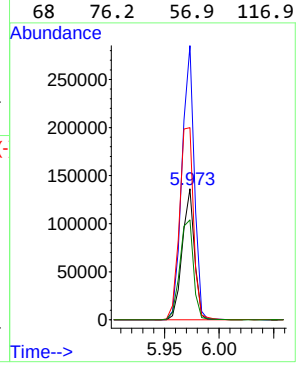


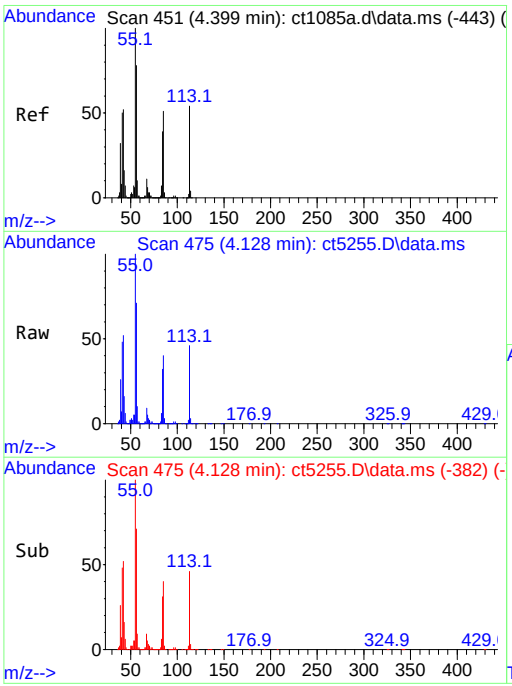


#106
Atrazine
Concen: 26.06 ppm
RT: 5.973 min Scan# 820
Delta R.T. -0.011 min
Lab File: ct5255.D
Acq: 16 Feb 2024 11:47 am

Tgt Ion:215 Resp: 105459

Ion	Ratio	Lower	Upper
215	100		
200	209.3	187.6	247.6
58	146.6	137.4	197.4
68	76.2	56.9	116.9

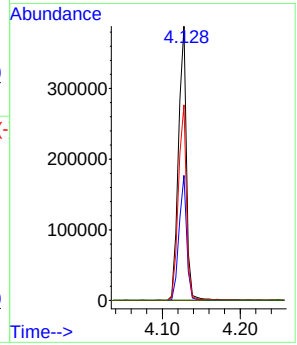




#108
Caprolactam
Concen: 24.87 ppm
RT: 4.128 min Scan# 475
Delta R.T. -0.005 min
Lab File: ct5255.D
Acq: 16 Feb 2024 11:47 am

Tgt Ion: 55 Resp: 276851

Ion	Ratio	Lower	Upper
55	100		
113	45.6	13.1	73.1
56	71.3	42.2	102.2
48	0.0	0.0	30.0



7.6.16

7

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5256.D
Acq On : 16 Feb 2024 12:49 pm
Operator : jackleey
Sample : icc267-50
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 16 13:14:16 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

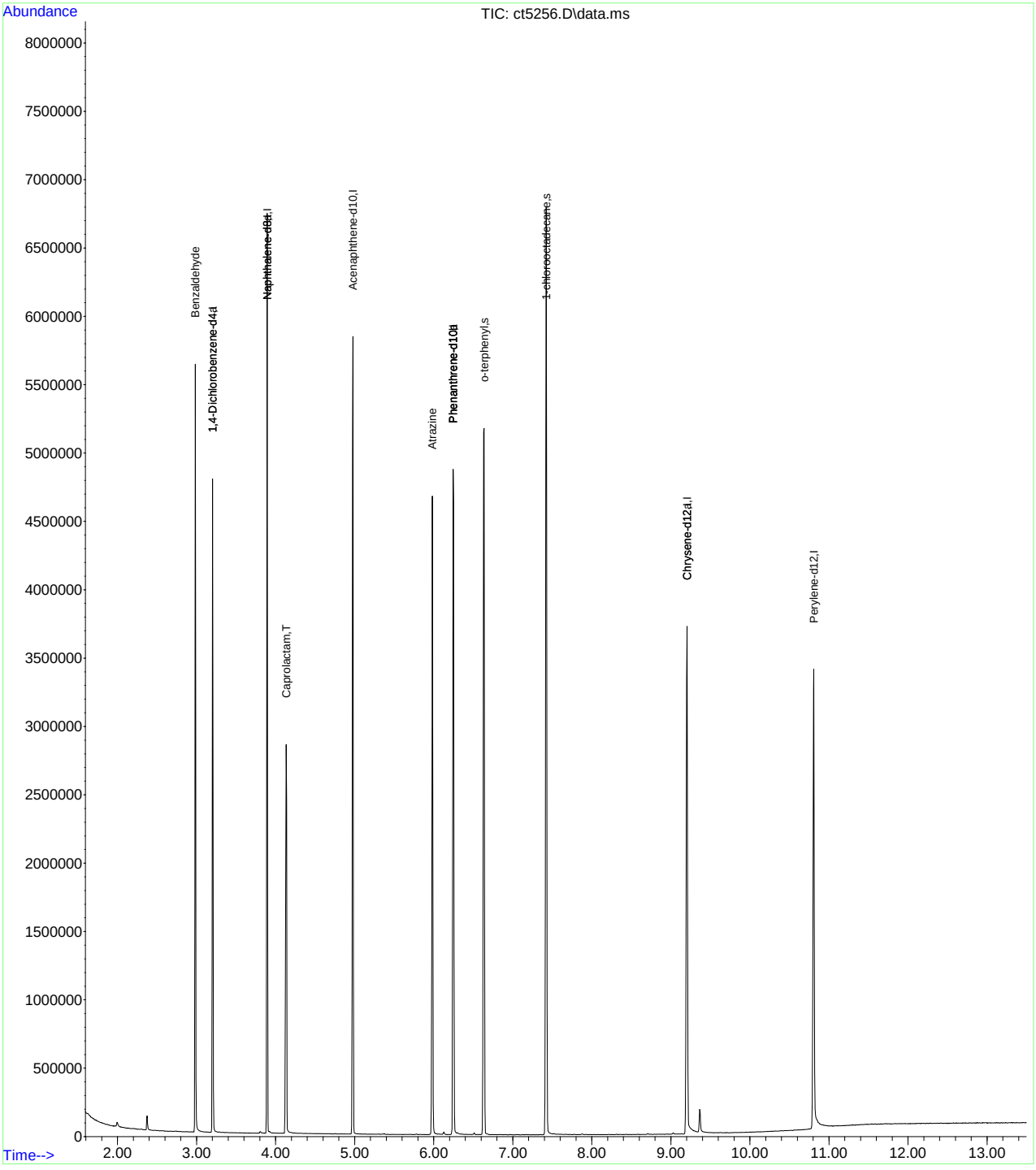
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.203	152	479344	40.00	ppm	0.00
24) Naphthalene-d8	3.893	136	1813064	40.00	ppm	0.00
46) Acenaphthene-d10	4.978	164	988639	40.00	ppm	0.00
69) Phenanthrene-d10	6.246	188	1761535	40.00	ppm	0.00
84) Chrysene-d12	9.204	240	1363246	40.00	ppm	0.00
93) Perylene-d12	10.808	264	1410374	40.00	ppm	0.01
103) 1,4-Dichlorobenzene-d4a	3.203	152	479344	40.00	ppm	0.00
105) Phenanthrene-d10a	6.246	188	1761535	40.00	ppm	0.00
107) Naphthalene-d8a	3.893	136	1813064	40.00	ppm	0.00
109) Phenanthrene-d10b	6.246	188	1761535	40.00	ppm	0.00
112) Chrysene-d12a	9.204	240	1363246	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	7.423	57	1066431	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
111) o-terphenyl	6.636	230	970625	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
Target Compounds						Qvalue
104) Benzaldehyde	2.983	105	697862	50.00	ppm	100
106) Atrazine	5.984	215	195811	50.00	ppm	100
108) Caprolactam	4.133	55	538544	50.00	ppm	100

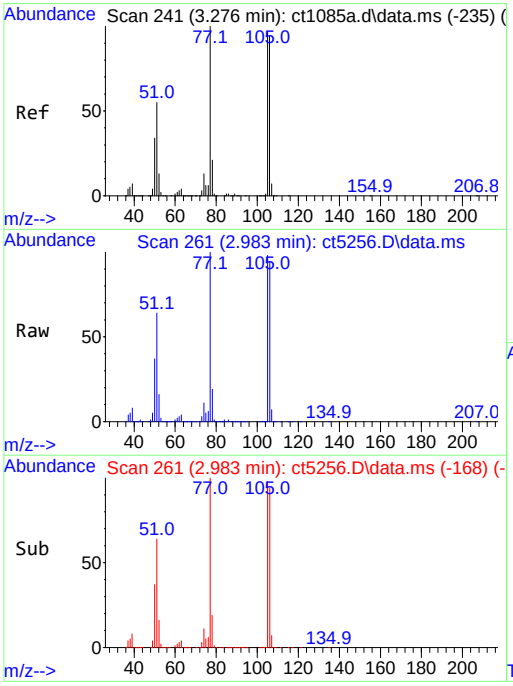
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5256.D
Acq On : 16 Feb 2024 12:49 pm
Operator : jackleey
Sample : icc267-50
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 16 13:14:16 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

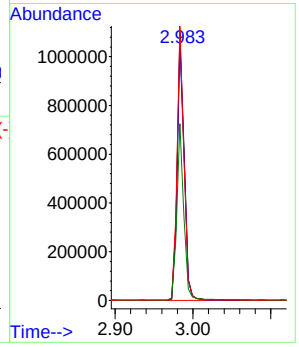


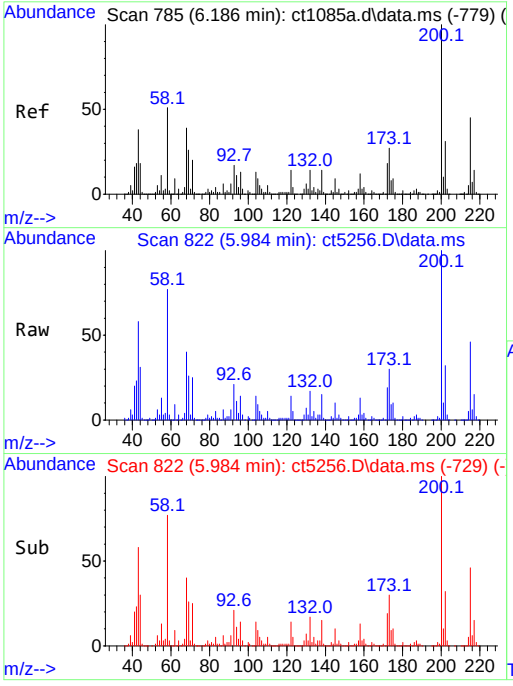


#104
Benzaldehyde
Concen: 50.00 ppm
RT: 2.983 min Scan# 261
Delta R.T. 0.000 min
Lab File: ct5256.D
Acq: 16 Feb 2024 12:49 pm

Tgt Ion:105 Resp: 697862

Ion	Ratio	Lower	Upper
105	100		
106	96.0	66.0	126.0
77	102.4	72.4	132.4
51	65.7	35.7	95.7

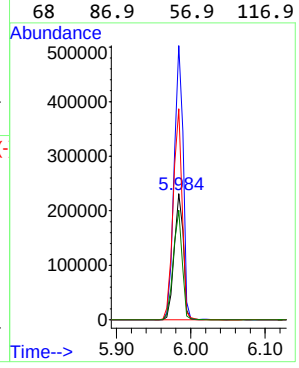


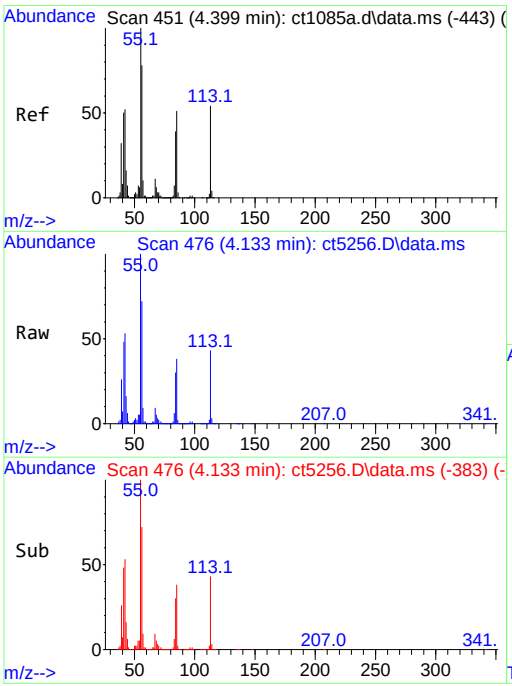


#106
Atrazine
Concen: 50.00 ppm
RT: 5.984 min Scan# 822
Delta R.T. 0.000 min
Lab File: ct5256.D
Acq: 16 Feb 2024 12:49 pm

Tgt Ion:215 Resp: 195811

Ion	Ratio	Lower	Upper
215	100		
200	217.6	187.6	247.6
58	167.4	137.4	197.4
68	86.9	56.9	116.9

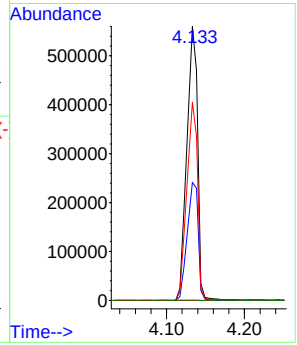




#108
Caprolactam
Concen: 50.00 ppm
RT: 4.133 min Scan# 476
Delta R.T. 0.000 min
Lab File: ct5256.D
Acq: 16 Feb 2024 12:49 pm

Tgt Ion: 55 Resp: 538544

Ion	Ratio	Lower	Upper
55	100		
113	43.1	13.1	73.1
56	72.2	42.2	102.2
48	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5257.D
Acq On : 16 Feb 2024 01:07 pm
Operator : jackleey
Sample : ic267-80
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 16 13:23:55 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

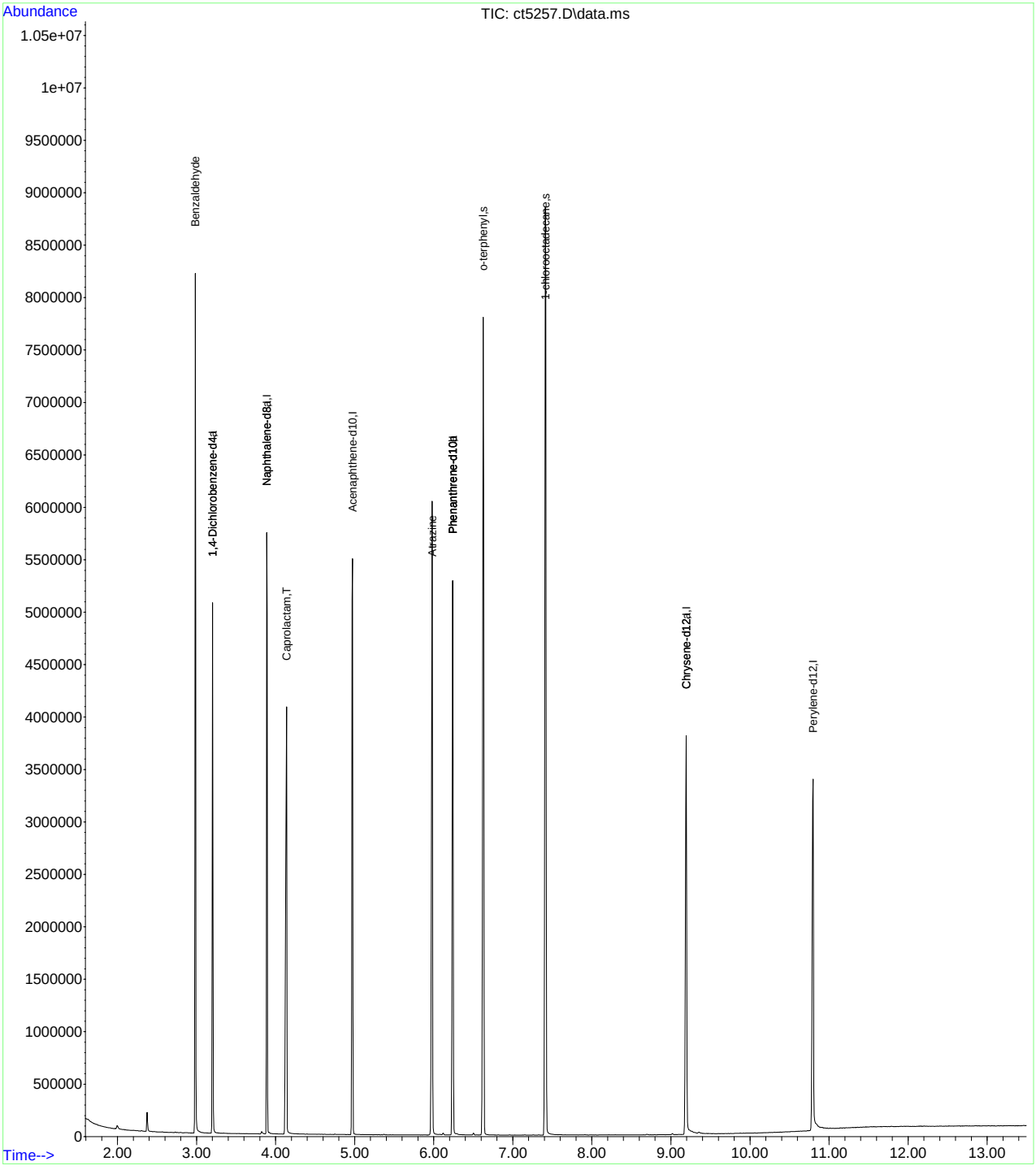
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.202	152	484078	40.00	ppm	0.00
24) Naphthalene-d8	3.887	136	1814033	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	977117	40.00	ppm	0.00
69) Phenanthrene-d10	6.241	188	1741409	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1354145	40.00	ppm	-0.01
93) Perylene-d12	10.798	264	1399449	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.202	152	484078	40.00	ppm	0.00
105) Phenanthrene-d10a	6.241	188	1741409	40.00	ppm	0.00
107) Naphthalene-d8a	3.887	136	1814033	40.00	ppm	0.00
109) Phenanthrene-d10b	6.241	188	1741409	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1354145	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	7.412	57	1569443	74.43	ppm	-0.01
Spiked Amount 50.000			Recovery = 148.86%			
111) o-terphenyl	6.626	230	1418647	73.92	ppm	-0.01
Spiked Amount 50.000			Recovery = 147.84%			
Target Compounds						Qvalue
104) Benzaldehyde	2.983	105	1068359	75.80	ppm	99
106) Atrazine	5.984	215	297203	76.77	ppm #	84
108) Caprolactam	4.139	55	822255	76.30	ppm	98

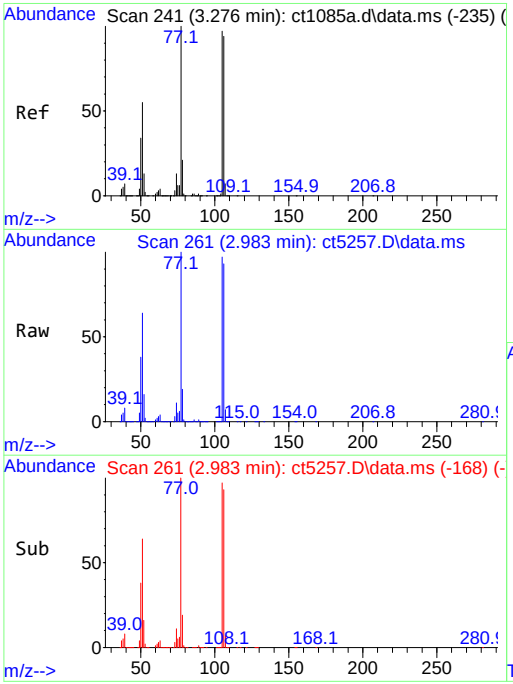
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5257.D
Acq On : 16 Feb 2024 01:07 pm
Operator : jackleey
Sample : ic267-80
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 16 13:23:55 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:14:00 2024
Response via : Initial Calibration

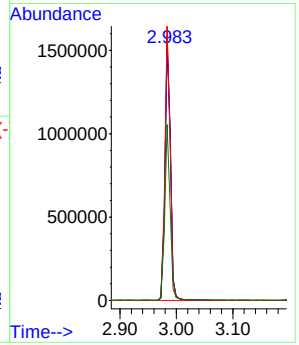


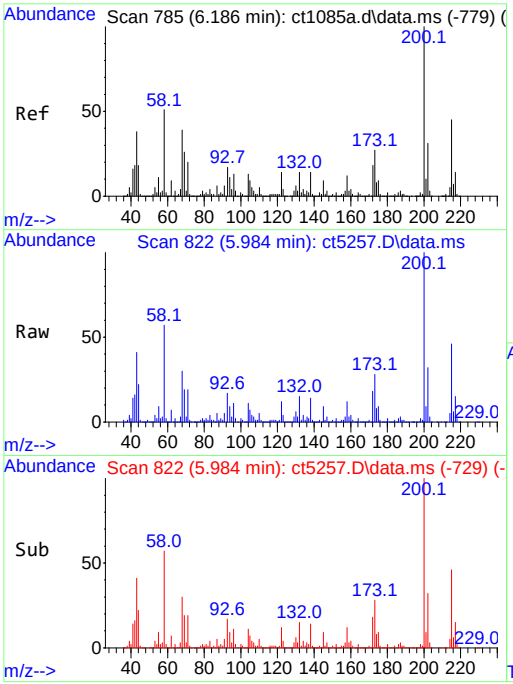


#104
Benzaldehyde
Concen: 75.80 ppm
RT: 2.983 min Scan# 261
Delta R.T. -0.000 min
Lab File: ct5257.D
Acq: 16 Feb 2024 01:07 pm

Tgt Ion:105 Resp: 1068359

Ion	Ratio	Lower	Upper
105	100		
106	96.3	66.0	126.0
77	103.6	72.4	132.4
51	66.3	35.7	95.7

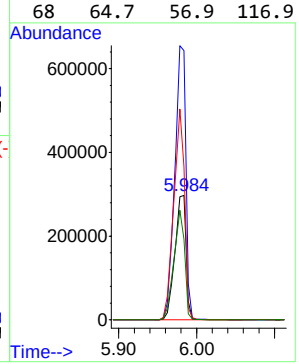


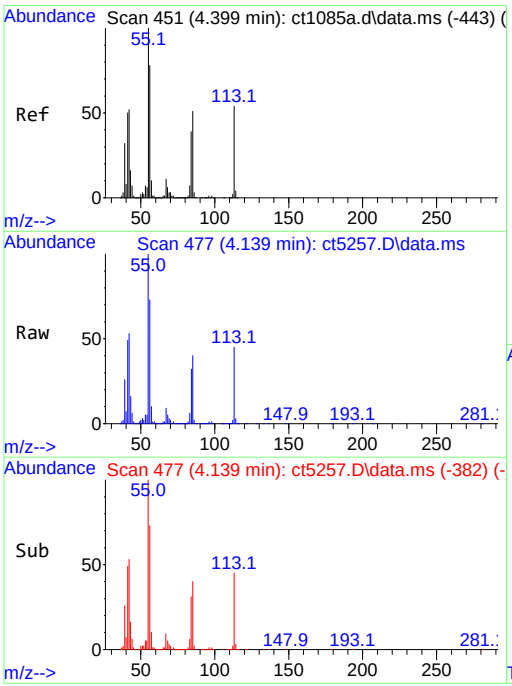


#106
Atrazine
Concen: 76.77 ppm
RT: 5.984 min Scan# 822
Delta R.T. -0.000 min
Lab File: ct5257.D
Acq: 16 Feb 2024 01:07 pm

Tgt Ion:215 Resp: 297203

Ion	Ratio	Lower	Upper
215	100		
200	216.2	187.6	247.6
58	122.9	137.4	197.4#
68	64.7	56.9	116.9

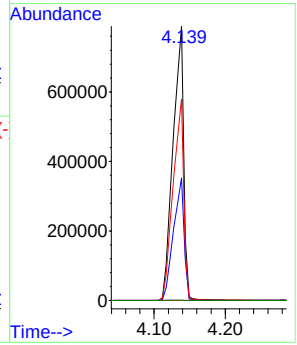




#108
Caprolactam
Concen: 76.30 ppm
RT: 4.139 min Scan# 477
Delta R.T. 0.006 min
Lab File: ct5257.D
Acq: 16 Feb 2024 01:07 pm

Tgt Ion: 55 Resp: 822255

Ion	Ratio	Lower	Upper
55	100		
113	44.6	13.1	73.1
56	73.5	42.2	102.2
48	0.1	0.0	30.0



7.6.18

7

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5258.D
Acq On : 16 Feb 2024 01:24 pm
Operator : jackleey
Sample : ic267-100
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 16 13:40:03 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:32:01 2024
Response via : Initial Calibration

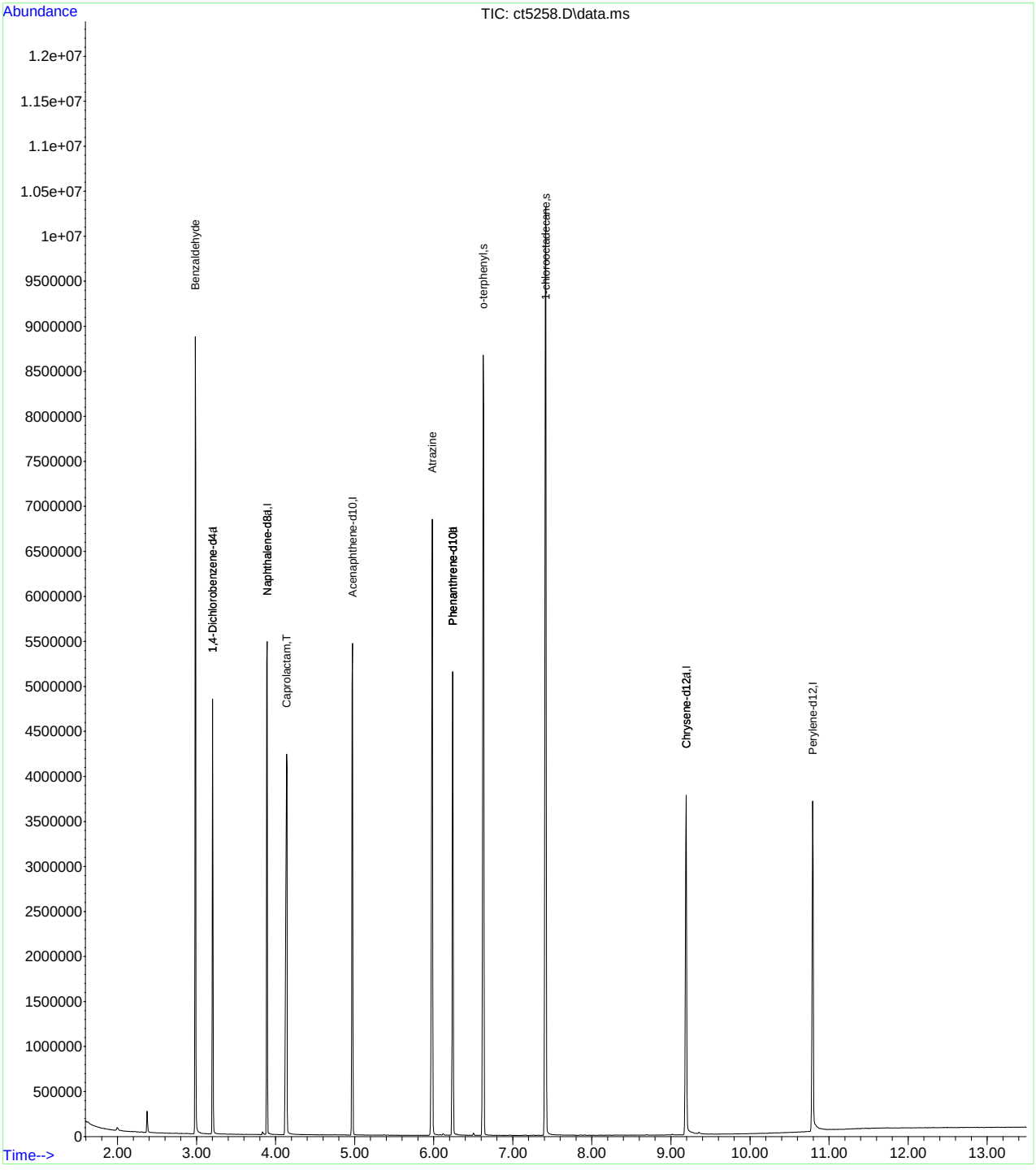
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.202	152	482604	40.00	ppm	0.00
24) Naphthalene-d8	3.892	136	1828177	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	980760	40.00	ppm	0.00
69) Phenanthrene-d10	6.240	188	1735418	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1364071	40.00	ppm	-0.01
93) Perylene-d12	10.792	264	1379550	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.202	152	482604	40.00	ppm	0.00
105) Phenanthrene-d10a	6.240	188	1735418	40.00	ppm	0.00
107) Naphthalene-d8a	3.892	136	1828177	40.00	ppm	0.00
109) Phenanthrene-d10b	6.240	188	1735418	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1364071	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	7.417	57	1808558	95.15	ppm	0.00
Spiked Amount 50.000			Recovery = 190.30%			
111) o-terphenyl	6.625	230	1686921	89.20	ppm	-0.01
Spiked Amount 50.000			Recovery = 178.40%			
Target Compounds						Qvalue
104) Benzaldehyde	2.983	105	1274769	94.29	ppm	99
106) Atrazine	5.983	215	363885	105.25	ppm	91
108) Caprolactam	4.138	55	1034901	111.35	ppm	98

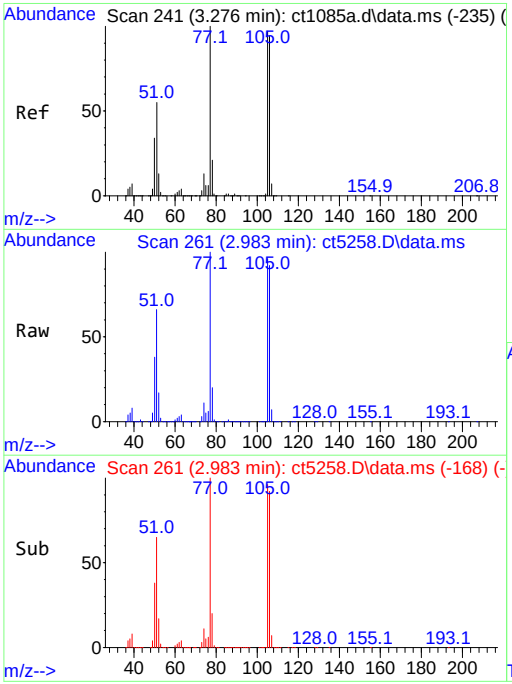
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5258.D
Acq On : 16 Feb 2024 01:24 pm
Operator : jackleey
Sample : ic267-100
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 16 13:40:03 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:32:01 2024
Response via : Initial Calibration

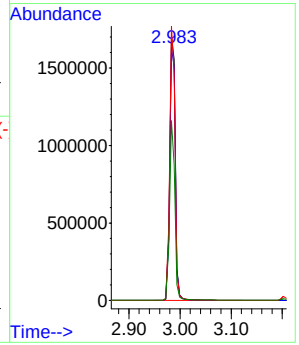


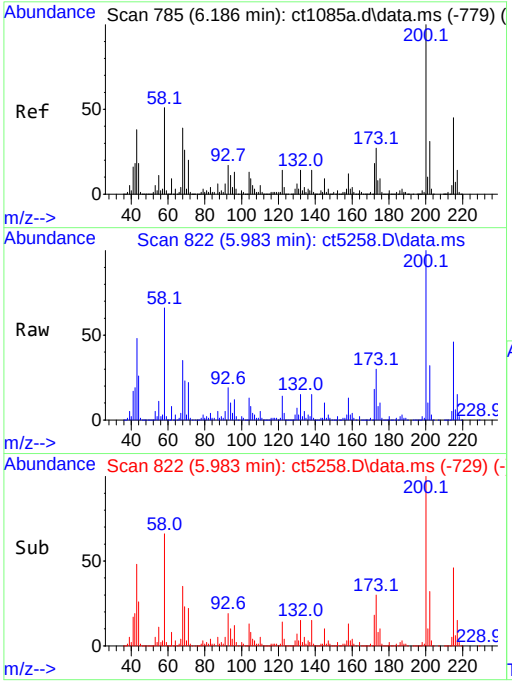


#104
Benzaldehyde
Concen: 94.29 ppm
RT: 2.983 min Scan# 261
Delta R.T. -0.000 min
Lab File: ct5258.D
Acq: 16 Feb 2024 01:24 pm

Tgt Ion:105 Resp: 1274769

Ion	Ratio	Lower	Upper
105	100		
106	96.0	66.0	126.0
77	103.9	72.4	132.4
51	68.0	35.7	95.7

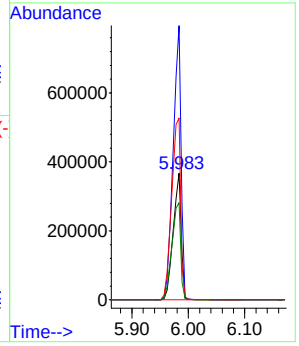


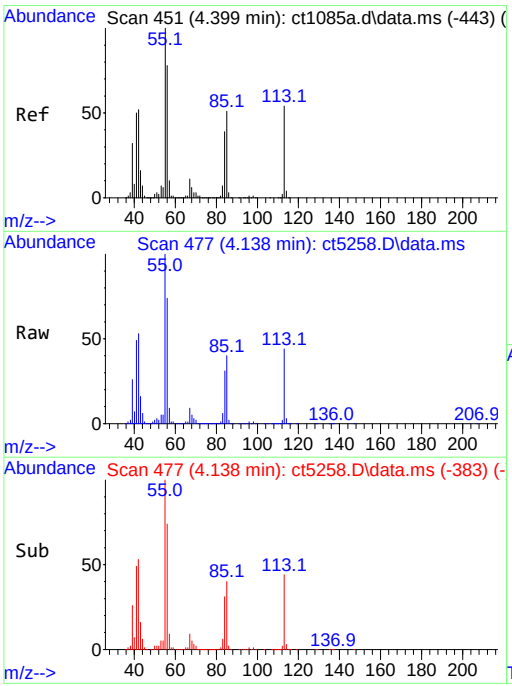


#106
Atrazine
Concen: 105.25 ppm
RT: 5.983 min Scan# 822
Delta R.T. -0.001 min
Lab File: ct5258.D
Acq: 16 Feb 2024 01:24 pm

Tgt Ion:215 Resp: 363885

Ion	Ratio	Lower	Upper
215	100		
200	216.5	187.6	247.6
58	143.4	137.4	197.4
68	76.7	56.9	116.9

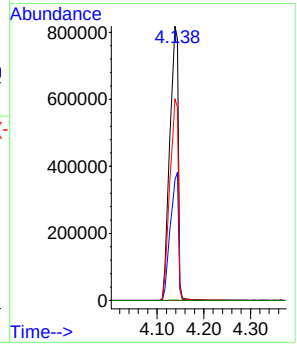




#108
Caprolactam
Concen: 111.35 ppm
RT: 4.138 min Scan# 477
Delta R.T. 0.005 min
Lab File: ct5258.D
Acq: 16 Feb 2024 01:24 pm

Tgt Ion: 55 Resp: 1034901

Ion	Ratio	Lower	Upper
55	100		
113	44.0	13.1	73.1
56	73.6	42.2	102.2
48	0.1	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5259.D
Acq On : 16 Feb 2024 01:42 pm
Operator : jackleey
Sample : icv267-50
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 16 14:03:41 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:44:42 2024
Response via : Initial Calibration

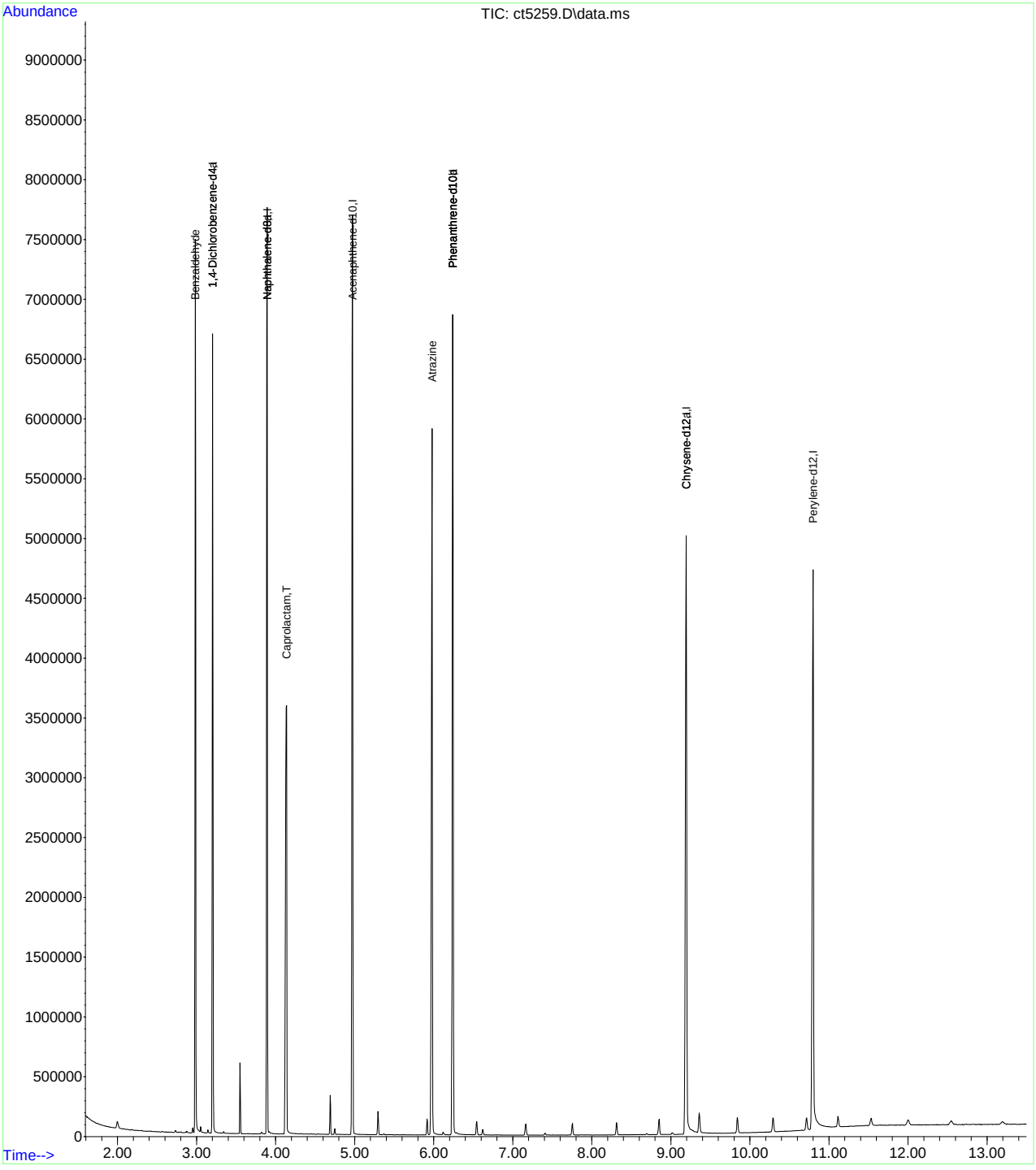
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.203	152	670911	40.00	ppm	0.00
24) Naphthalene-d8	3.893	136	2468068	40.00	ppm	0.00
46) Acenaphthene-d10	4.973	164	1315736	40.00	ppm	0.00
69) Phenanthrene-d10	6.241	188	2386717	40.00	ppm	0.00
84) Chrysene-d12	9.193	240	1893041	40.00	ppm	-0.01
93) Perylene-d12	10.798	264	2013004	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.203	152	670911	40.00	ppm	0.00
105) Phenanthrene-d10a	6.241	188	2386717	40.00	ppm	0.00
107) Naphthalene-d8a	3.893	136	2468068	40.00	ppm	0.00
109) Phenanthrene-d10b	6.241	188	2386717	40.00	ppm	0.00
112) Chrysene-d12a	9.193	240	1893041	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
104) Benzaldehyde	2.983	105	995387	53.34	ppm	99
106) Atrazine	5.979	215	275171	57.49	ppm	97
108) Caprolactam	4.139	55	738694	55.79	ppm	97

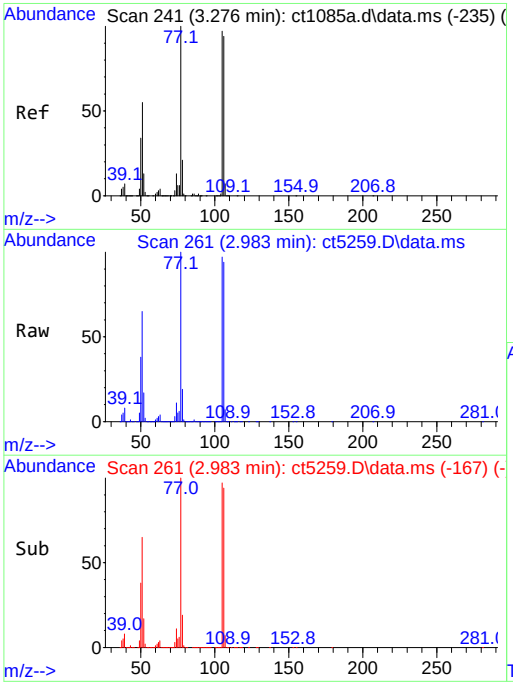
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\Ect267\
Data File : ct5259.D
Acq On : 16 Feb 2024 01:42 pm
Operator : jackleey
Sample : icv267-50
Misc : op51652,ect267,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 16 14:03:41 2024
Quant Method : D:\MassHunter\GCMS\1\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Feb 16 13:44:42 2024
Response via : Initial Calibration

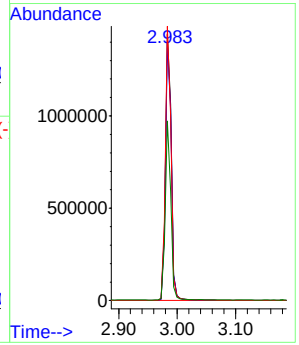


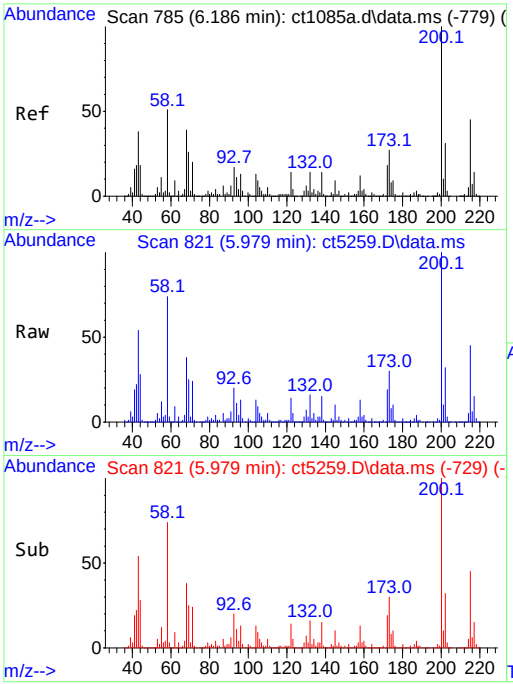


#104
Benzaldehyde
Concen: 53.34 ppm
RT: 2.983 min Scan# 261
Delta R.T. 0.000 min
Lab File: ct5259.D
Acq: 16 Feb 2024 01:42 pm

Tgt Ion:105 Resp: 995387

Ion	Ratio	Lower	Upper
105	100		
106	96.5	66.0	126.0
77	103.0	72.4	132.4
51	67.2	35.7	95.7

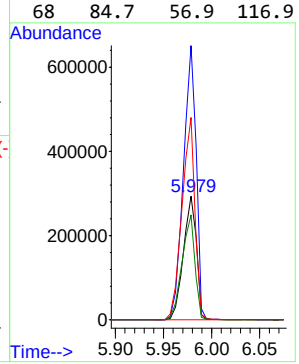


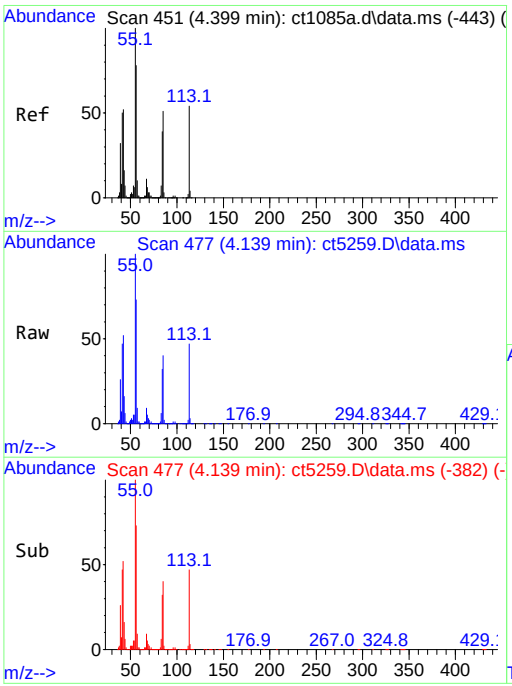


#106
Atrazine
Concen: 57.49 ppm
RT: 5.979 min Scan# 821
Delta R.T. -0.005 min
Lab File: ct5259.D
Acq: 16 Feb 2024 01:42 pm

Tgt Ion:215 Resp: 275171

Ion	Ratio	Lower	Upper
215	100		
200	221.8	187.6	247.6
58	163.6	137.4	197.4
68	84.7	56.9	116.9

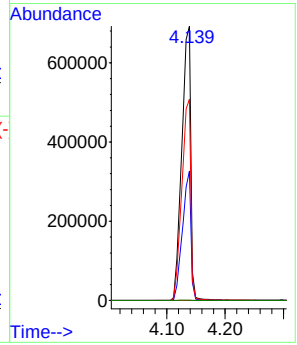




#108
Caprolactam
Concen: 55.79 ppm
RT: 4.139 min Scan# 477
Delta R.T. 0.006 min
Lab File: ct5259.D
Acq: 16 Feb 2024 01:42 pm

Tgt Ion: 55 Resp: 738694

Ion	Ratio	Lower	Upper
55	100		
113	47.1	13.1	73.1
56	73.3	42.2	102.2
48	0.1	0.0	30.0



7.6.20

7

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5318a.D
Acq On : 20 Feb 2024 10:25 am
Operator : karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op52522ect271,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 09:13:31 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Mon Feb 19 06:44:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.176	152	460516	40.00	ppm	-0.03
24) Naphthalene-d8	3.866	136	1716022	40.00	ppm	-0.03
46) Acenaphthene-d10	4.941	164	948632	40.00	ppm	-0.03
69) Phenanthrene-d10	6.203	188	1679432	40.00	ppm	-0.04
84) Chrysene-d12	9.156	240	1162098	40.00	ppm	-0.05
93) Perylene-d12	10.755	264	1275309	40.00	ppm	-0.04
103) 1,4-Dichlorobenzene-d4a	3.176	152	460516	40.00	ppm	-0.03
105) Phenanthrene-d10a	6.203	188	1679432	40.00	ppm	-0.04
107) Naphthalene-d8a	3.866	136	1716022	40.00	ppm	-0.03
109) Phenanthrene-d10b	6.203	188	1679432	40.00	ppm	-0.04
112) Chrysene-d12a	9.156	240	1162098	40.00	ppm	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	2.497	112	727195	44.60	ppm	-0.03
Spiked Amount 50.000			Recovery = 89.20%			
8) Phenol-d5	2.978	99	837466	42.64	ppm	-0.03
Spiked Amount 50.000			Recovery = 85.28%			
25) Nitrobenzene-d5	3.475	82	771506	44.17	ppm	-0.03
Spiked Amount 50.000			Recovery = 88.34%			
51) 2-Fluorobiphenyl	4.481	172	1396235	44.47	ppm	-0.03
Spiked Amount 50.000			Recovery = 88.94%			
74) 2,4,6-Tribromophenol	5.567	330	199921	46.92	ppm	-0.04
Spiked Amount 50.000			Recovery = 93.84%			
87) Terphenyl-d14	7.936	244	1551540	48.30	ppm	-0.04
Spiked Amount 50.000			Recovery = 96.60%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.662	88	309308	43.1473	ppm	97
3) Pyridine	1.844	79	819858	41.5704	ppm	98
4) N-Nitrosodimethylamine	1.828	74	417764	41.3907	ppm	99
6) Indene	3.309	116	1037470	38.9327	ppm	99
7) Cumene	2.753	105	1583056	46.5927	ppm	100
9) Phenol	2.989	94	961821	46.5806	ppm	96
10) Aniline	3.005	93	1145762	42.6326	ppm	99
11) bis(2-Chloroethyl)ether	3.031	93	693349	41.2205	ppm	95
12) 2-Chlorophenol	3.069	128	712701	44.2569	ppm	94
13) Decane	3.058	43	889920	37.8062	ppm	98
14) 1,3-Dichlorobenzene	3.144	146	809161	45.0751	ppm	99
15) 1,4-Dichlorobenzene	3.181	146	795236	44.6276	ppm	100
16) Benzyl alcohol	3.251	108	497895	44.4133	ppm	97
17) 1,2-Dichlorobenzene	3.261	146	770964	44.7270	ppm	100
18) Acetophenone	3.395	105	891396	39.3771	ppm	97
19) 2-Methylphenol	3.304	108	610651	39.9348	ppm	99
20) 2,2'-oxybis(1-Chloropr...	3.309	121	190247	41.0071	ppm	93
21) 3&4-Methylphenol	3.390	108	1121351	76.8615	ppm	98
22) n-Nitroso-di-n-propyla...	3.384	70	425274	39.0568	ppm	98
23) Hexachloroethane	3.438	201	267986	47.6913	ppm	97
26) Nitrobenzene	3.486	77	756961	42.7146	ppm	95
27) Quinoline	4.074	129	1373993	42.8495	ppm	99
28) Isophorone	3.614	82	1349744	42.6180	ppm	95
29) 2-Nitrophenol	3.657	139	369224	47.1884	ppm	75
30) 2,4-Dimethylphenol	3.668	107	730193	43.5708	ppm	97
31) Benzoic acid	3.748	105	632847	47.9925	ppm	99

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5318a.D
Acq On : 20 Feb 2024 10:25 am
Operator : karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op52522ect271,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 09:13:31 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Mon Feb 19 06:44:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) bis(2-Chloroethoxy)met...	3.721	93	841291	42.4830	ppm	100
33) 2,4-Dichlorophenol	3.786	162	595563	46.5998	ppm	97
34) 2,6-Dichlorophenol	3.909	162	532242	44.3001	ppm	97
35) 1,3,5-Trichlorobenzene	3.652	180	606634	45.3219	ppm	99
36) 1,2,4-Trichlorobenzene	3.828	180	615678	46.6329	ppm	97
37) 1,2,3-Trichlorobenzene	3.951	180	591338	45.9862	ppm	97
38) Naphthalene	3.876	128	1964593	43.4238	ppm	99
39) 4-Chloroaniline	3.909	127	807164	42.1944	ppm	98
40) 2,3-Dichloroaniline	4.438	161	646324	44.3110	ppm	95
41) Hydroquinone	4.090	110	735332	45.5499	ppm	96
42) Hexachlorobutadiene	3.925	225	308656	45.2717	ppm	98
43) 4-Chloro-3-methylphenol	4.171	107	630973	44.1884	ppm	96
44) 2-Methylnaphthalene	4.262	141	1127375	42.6966	ppm	99
45) 1-Methylnaphthalene	4.320	141	1159783	42.7365	ppm	99
47) Hexachlorocyclopentadiene	4.342	237	336111	57.5251	ppm	98
48) 1,2,4,5-tetrachloroben...	4.358	216	559716	45.5040	ppm	99
49) 2,4,6-Trichlorophenol	4.433	196	370809	45.1614	ppm	98
50) 2,4,5-Trichlorophenol	4.459	196	434519	46.6554	ppm	99
52) 2-Chloronaphthalene	4.566	162	1231732	44.1809	ppm	98
53) Biphenyl	4.545	154	1580579	43.9666	ppm	100
54) 2-Nitroaniline	4.636	65	445105	42.0136	ppm	99
55) Dimethylphthalate	4.743	163	1444050	44.4647	ppm	100
56) Acenaphthylene	4.845	152	1590094	36.7098	ppm	99
57) 2,6-Dinitrotoluene	4.796	165	336249	49.3426	ppm	97
58) 3-Nitroaniline	4.925	138	410772	45.1576	ppm	97
59) Acenaphthene	4.968	153	1325875	45.2583	ppm	99
60) 2,4-Dinitrophenol	5.005	184	406826	94.5343	ppm	89
61) 4-Nitrophenol	5.048	109	204204	44.7444	ppm	97
62) Dibenzofuran	5.096	168	1675420	43.5482	ppm	94
63) 2,4-Dinitrotoluene	5.096	165	412636	46.3406	ppm	91
64) 2,3,4,6-Tetrachlorophenol	5.187	232	327175	46.6874	ppm	93
65) Diethylphthalate	5.262	149	1498049	44.8814	ppm	100
66) Fluorene	5.363	166	1351511	44.5338	ppm	100
67) 4-Chlorophenyl-phenyle...	5.358	204	591038	44.9309	ppm	97
68) 4-Nitroaniline	5.406	138	412464	48.3040	ppm	95
70) 4,6-Dinitro-2-methylph...	5.422	198	258554	50.8248	ppm	98
71) n-Nitrosodiphenylamine	5.460	169	1210061	44.1181	ppm	100
72) 1,2-Diphenylhydrazine	5.492	77	1473427	41.8925	ppm	97
73) pentachloronitrobenzene	6.021	295	64853	48.6508	ppm	99
75) 4-Bromophenyl-phenylether	5.781	248	354688	46.3684	ppm	93
76) Hexachlorobenzene	5.823	284	403496	46.4369	ppm	94
77) Pentachlorophenol	6.021	266	428296	95.3612	ppm	99
78) Phenanthrene	6.230	178	2019714	44.4766	ppm	99
79) Anthracene	6.278	178	2035226	44.2489	ppm	100
80) Carbazole	6.455	167	2020761	45.6136	ppm	100
81) Di-n-butylphthalate	6.813	149	2550793	47.5788	ppm	99
82) Fluoranthene	7.481	202	2143753	45.9884	ppm	99
83) Octadecane	6.075	57	1265673	42.3339	ppm	98
85) benzidine	7.674	184	1506781	49.6446	ppm	100
86) Pyrene	7.738	202	2215120	47.0547	ppm	100
88) Butylbenzylphthalate	8.535	149	1149457	49.5193	ppm	99
89) Benzo[a]anthracene	9.140	228	1793941	46.8951	ppm	99
90) 3,3'-Dichlorobenzidine	9.145	252	677700	50.3034	ppm	99
91) Chrysene	9.188	228	1782374	45.0221	ppm	99
92) bis(2-Ethylhexyl)phtha...	9.225	149	1622835	50.0022	ppm	100
94) Di-n-octylphthalate	9.985	149	2780338	50.8197	ppm	99
95) Benzo[b]fluoranthene	10.364	252	1805618	47.0112	ppm	97
96) Benzo[k]fluoranthene	10.391	252	1650938	43.0489	ppm	98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5318a.D
Acq On : 20 Feb 2024 10:25 am
Operator : karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op52522ect271,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 09:13:31 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Mon Feb 19 06:44:45 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	Benzo[a]pyrene	10.701	252	1553668	45.6646	ppm	97
98)	Indeno[1,2,3-cd]pyrene	11.867	276	1872844	45.0230	ppm	97
99)	Dibenz(a,h)acridine	11.616	279	1399332	49.7242	ppm	99
100)	Dibenz[a,h]anthracene	11.889	278	1606354	48.5186	ppm	99
101)	7,12-Dimethylbenz(a)an...	10.354	256	764525	46.8011	ppm	98
102)	Benzo[g,h,i]perylene	12.178	276	1665564	50.1216	ppm	97

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

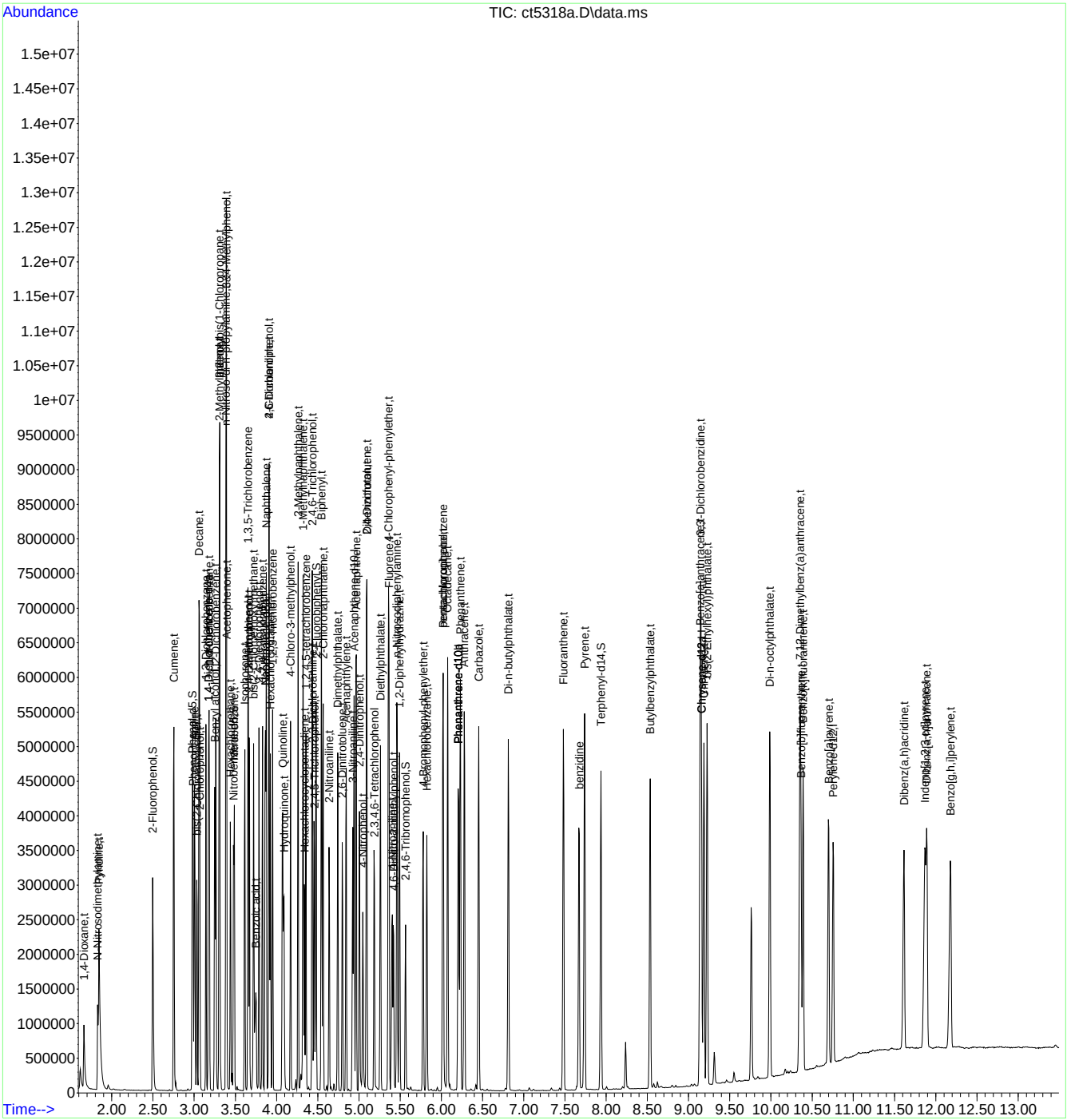
7.6.21

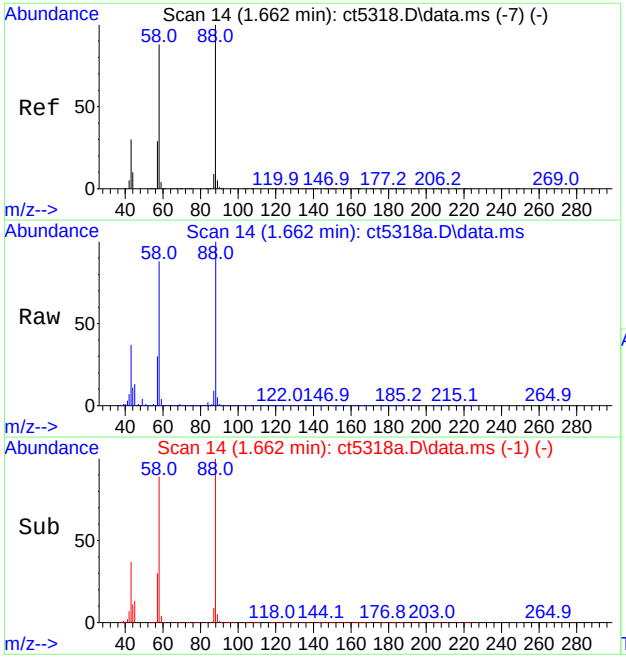
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Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5318a.D
Acq On : 20 Feb 2024 10:25 am
Operator : karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op52522ect271,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 09:13:31 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Mon Feb 19 06:44:45 2024
Response via : Initial Calibration

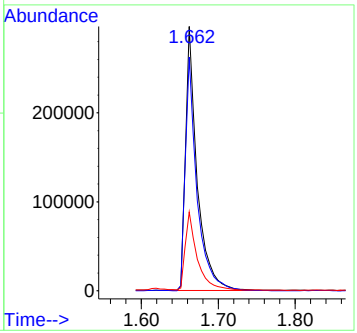


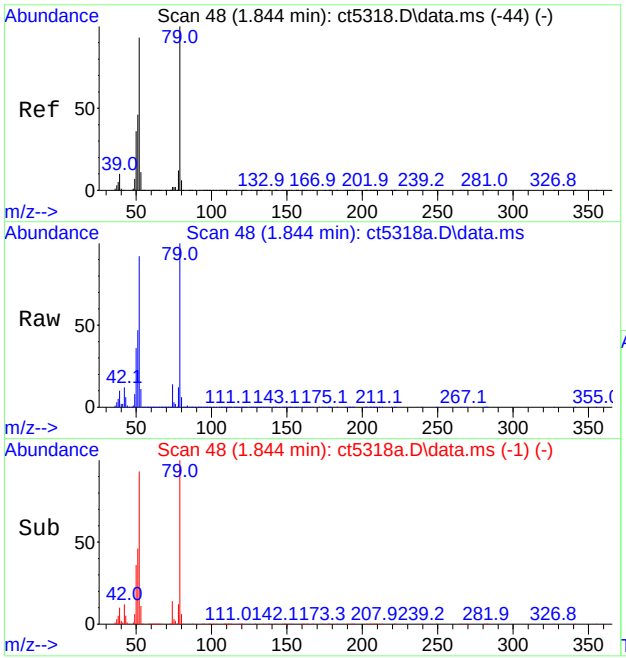


#2
1,4-Dioxane
Concen: 43.1473 ppm
RT: 1.662 min Scan# 14
Delta R.T. -0.037 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 88 Resp: 309308

Ion	Ratio	Lower	Upper
88	100		
58	88.4	61.7	121.7
57	29.4	1.2	61.2

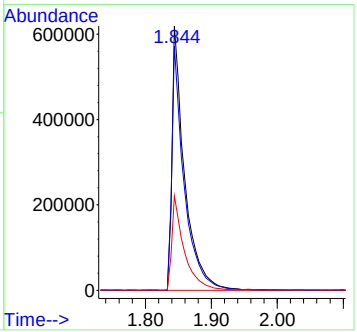


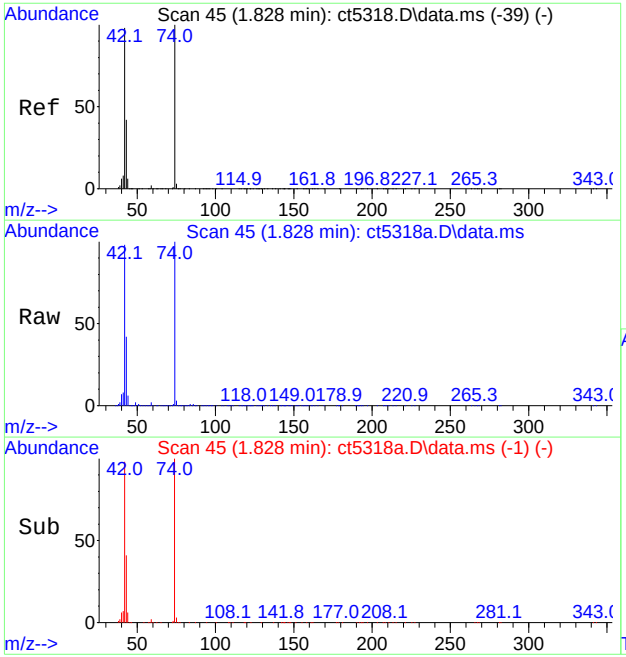


#3
Pyridine
Concen: 41.5704 ppm
RT: 1.844 min Scan# 48
Delta R.T. -0.037 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 79 Resp: 819858

Ion	Ratio	Lower	Upper
79	100		
52	92.5	65.5	125.5
50	35.6	5.9	65.9

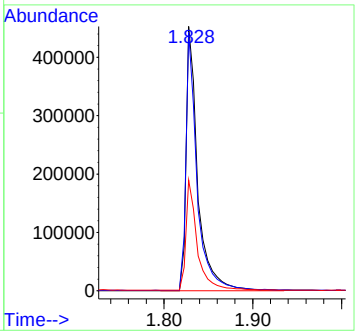


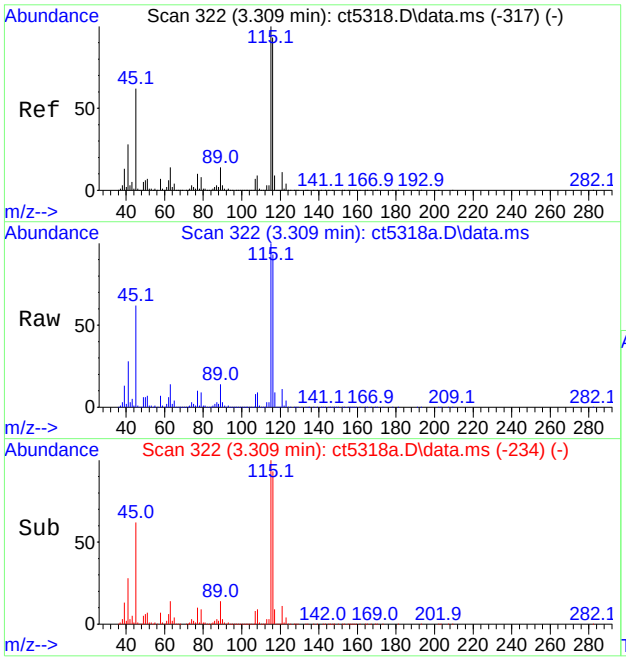


#4
N-Nitrosodimethylamine
Concen: 41.3907 ppm
RT: 1.828 min Scan# 45
Delta R.T. -0.037 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 74 Resp: 417764

Ion	Ratio	Lower	Upper
74	100		
42	97.6	68.1	128.1
43	41.6	12.5	72.5

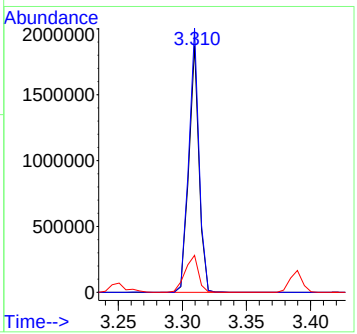


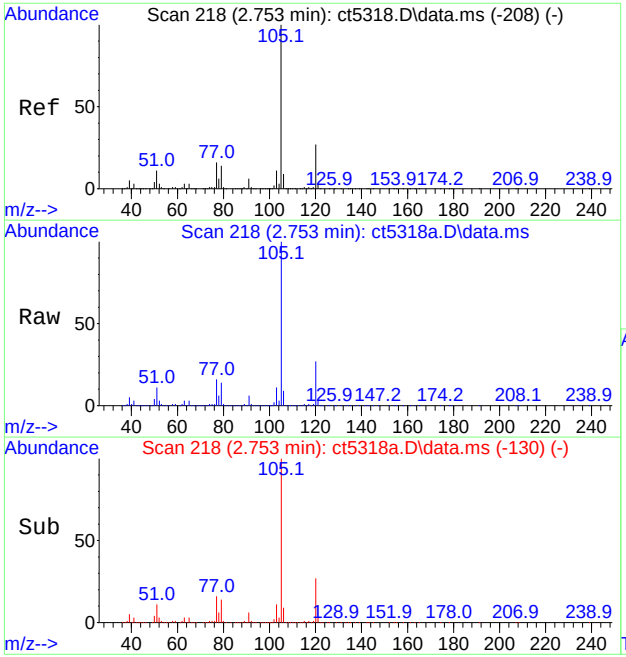


#6
Indene
Concen: 38.9327 ppm
RT: 3.309 min Scan# 322
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:116 Resp: 1037470

Ion	Ratio	Lower	Upper
116	100		
115	107.2	76.2	136.2
63	14.6	0.0	44.0

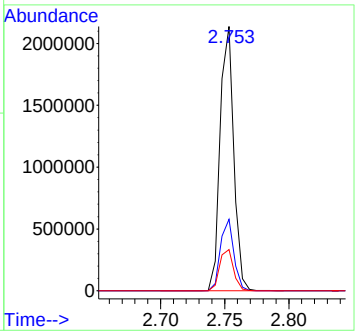


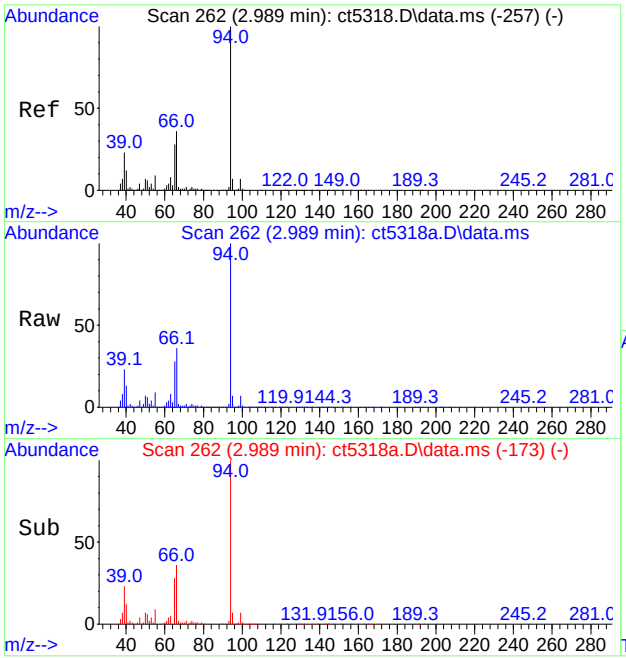


#7
Cumene
Concen: 46.5927 ppm
RT: 2.753 min Scan# 218
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:105 Resp: 1583056

Ion	Ratio	Lower	Upper
105	100		
120	27.0	0.0	57.0
77	15.5	0.0	45.8

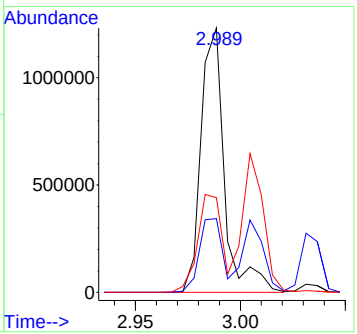


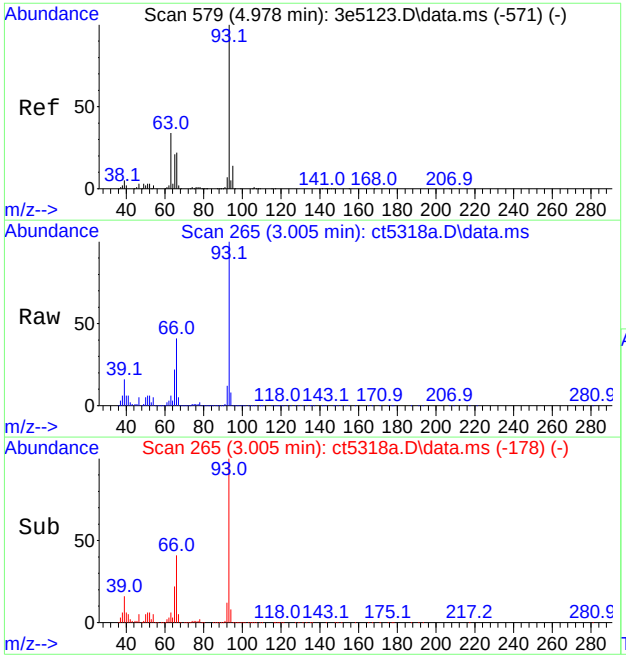


#9
Phenol
Concen: 46.5806 ppm
RT: 2.989 min Scan# 262
Delta R.T. -0.021 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 94 Resp: 961821

Ion	Ratio	Lower	Upper
94	100		
65	27.7	0.0	59.7
66	35.4	8.2	68.2

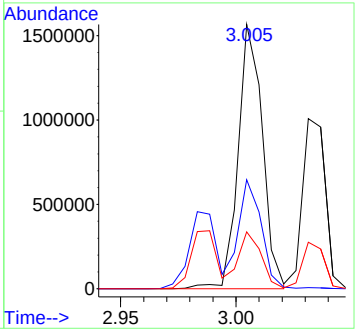


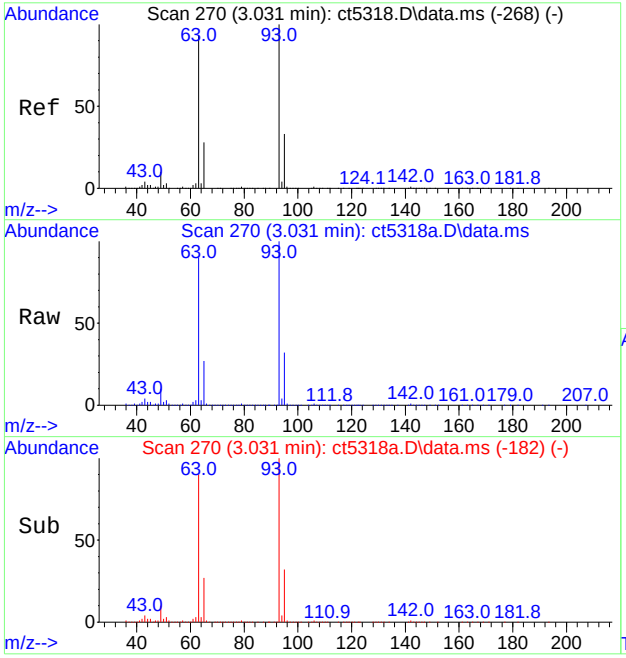


#10
Aniline
Concen: 42.6326 ppm
RT: 3.005 min Scan# 265
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 93 Resp: 1145762

Ion	Ratio	Lower	Upper
93	100		
66	41.3	10.4	70.4
65	21.5	0.0	50.8

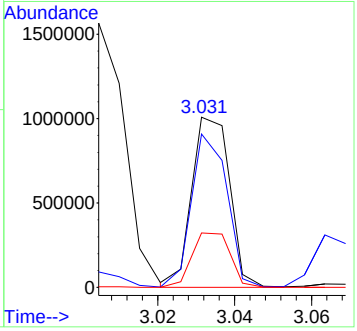




#11
bis(2-Chloroethyl)ether
Concen: 41.2205 ppm
RT: 3.031 min Scan# 270
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

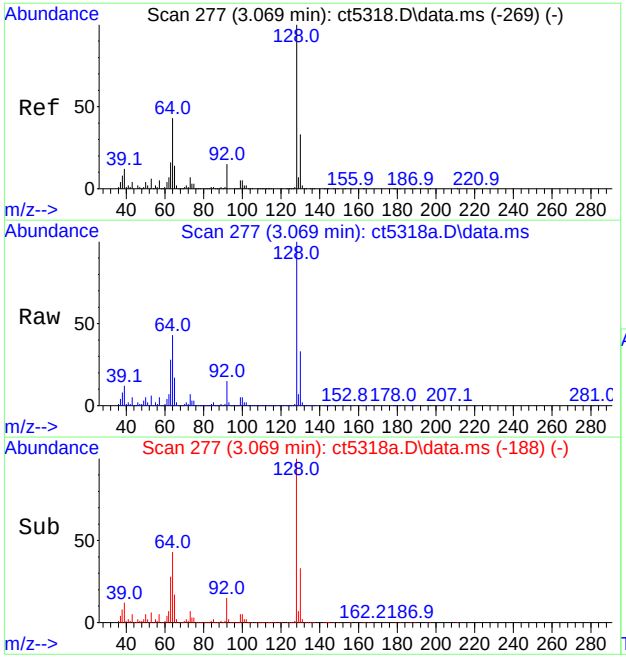
Tgt Ion: 93 Resp: 693349

Ion	Ratio	Lower	Upper
93	100		
63	91.3	55.8	115.8
95	32.4	2.8	62.8



7.6.21

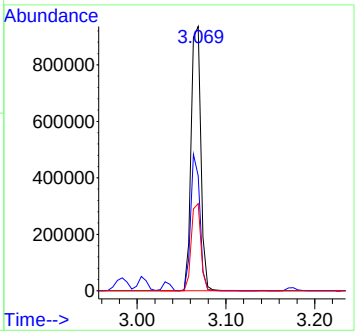
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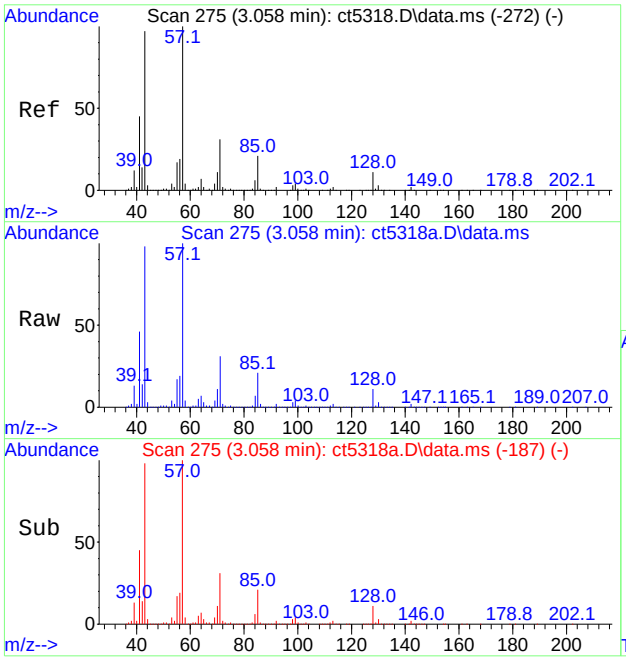


#12
2-Chlorophenol
Concen: 44.2569 ppm
RT: 3.069 min Scan# 277
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:128 Resp: 712701

Ion	Ratio	Lower	Upper
128	100		
64	43.1	20.1	80.1
130	33.0	3.0	63.0

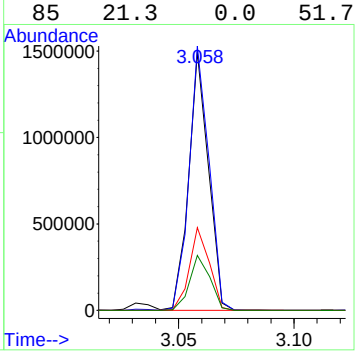


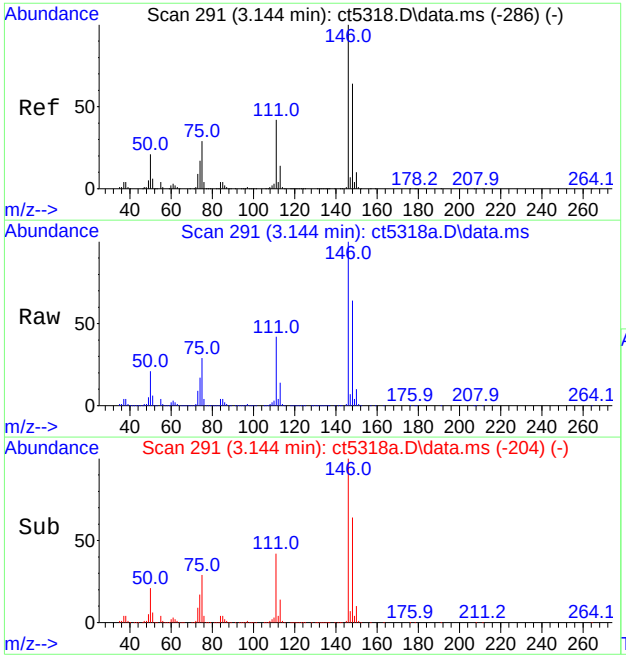


#13
Decane
Concen: 37.8062 ppm
RT: 3.058 min Scan# 275
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 43 Resp: 889920

Ion	Ratio	Lower	Upper
43	100		
57	102.6	74.9	134.9
71	32.1	2.5	62.5
85	21.3	0.0	51.7

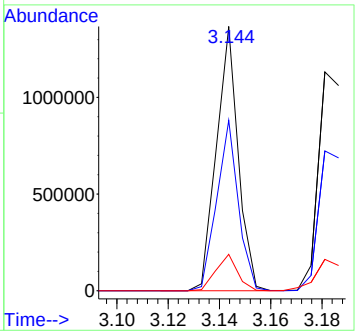


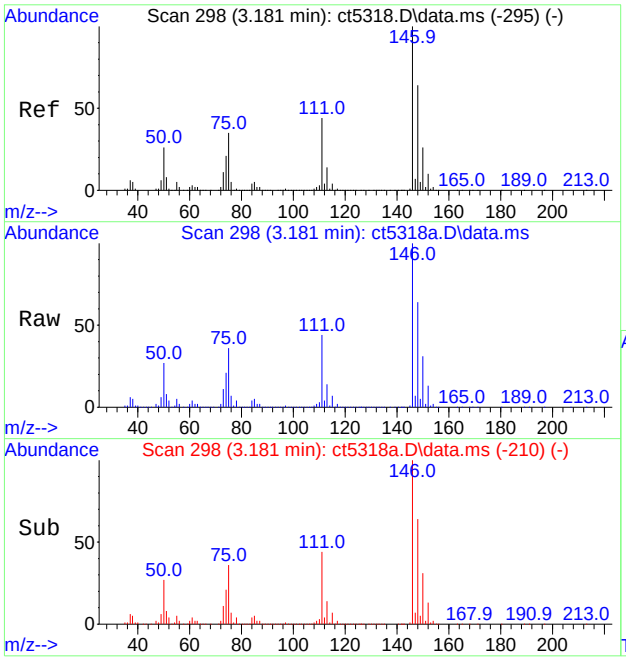


#14
1,3-Dichlorobenzene
Concen: 45.0751 ppm
RT: 3.144 min Scan# 291
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:146 Resp: 809161

Ion	Ratio	Lower	Upper
146	100		
148	64.4	34.7	94.7
113	13.8	0.0	42.9

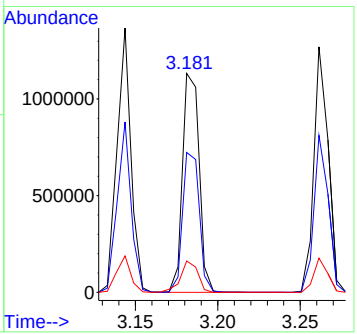


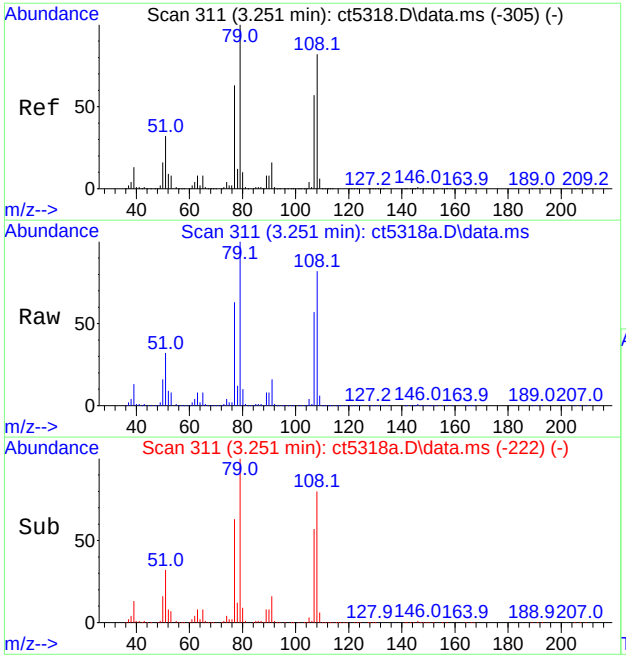


#15
1,4-Dichlorobenzene
Concen: 44.6276 ppm
RT: 3.181 min Scan# 298
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:146 Resp: 795236

Ion	Ratio	Lower	Upper
146	100		
148	63.9	34.0	94.0
113	14.4	0.0	43.5

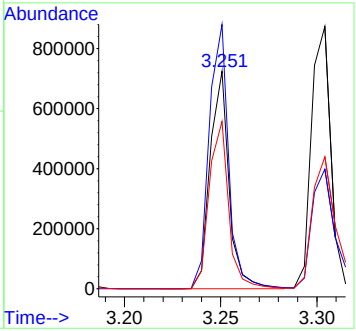


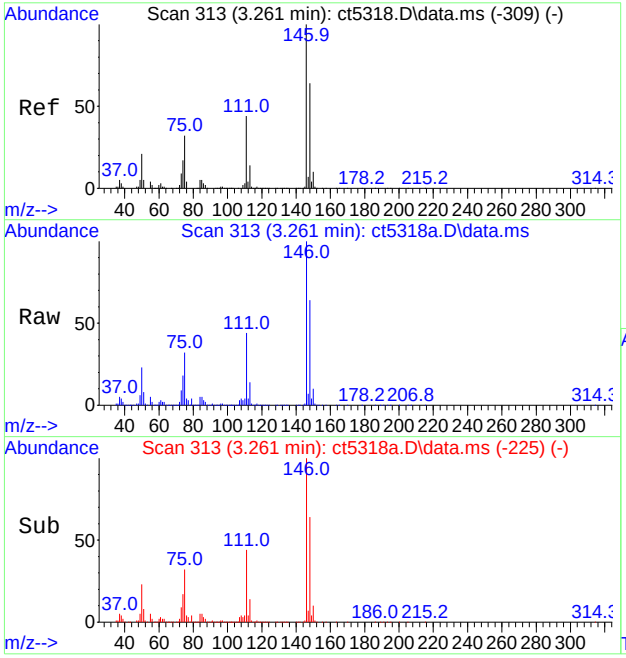


#16
Benzyl alcohol
Concen: 44.4133 ppm
RT: 3.251 min Scan# 311
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:108 Resp: 497895

Ion	Ratio	Lower	Upper
108	100		
79	121.5	95.0	155.0
77	76.9	49.3	109.3

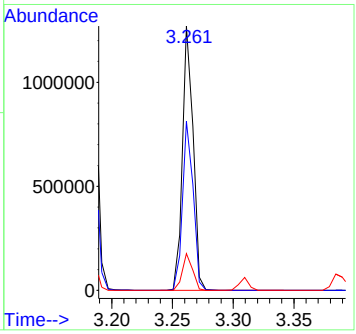


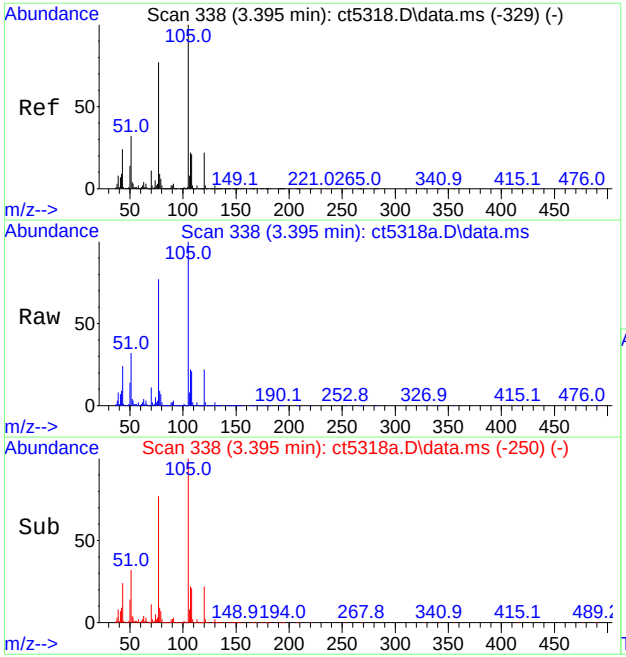


#17
1,2-Dichlorobenzene
Concen: 44.7270 ppm
RT: 3.261 min Scan# 313
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:146 Resp: 770964

Ion	Ratio	Lower	Upper
146	100		
148	63.9	34.2	94.2
113	13.9	0.0	44.1

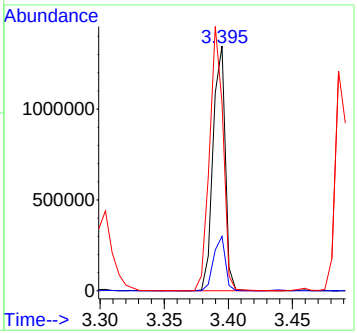


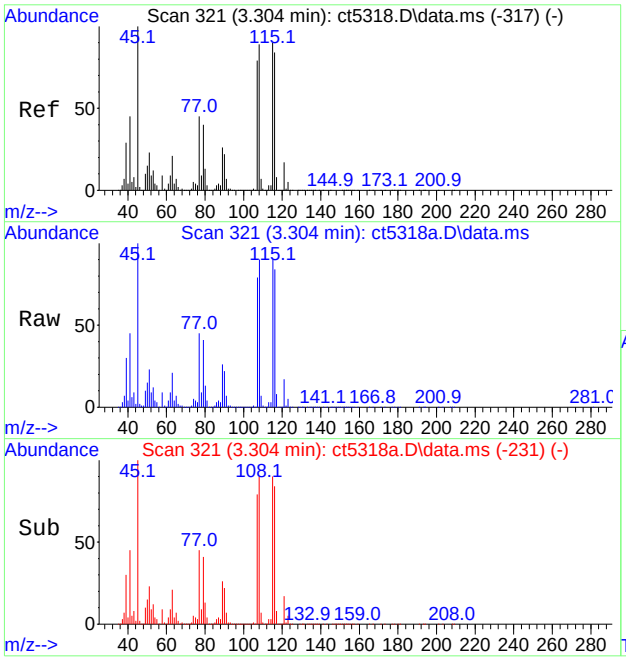


#18
Acetophenone
Concen: 39.3771 ppm
RT: 3.395 min Scan# 338
Delta R.T. -0.027 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:105 Resp: 891396

Ion	Ratio	Lower	Upper
105	100		
120	22.2	0.0	51.5
77	76.6	49.8	109.8

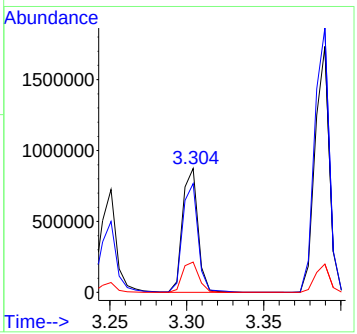




#19
2-Methylphenol
Concen: 39.9348 ppm
RT: 3.304 min Scan# 321
Delta R.T. -0.021 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

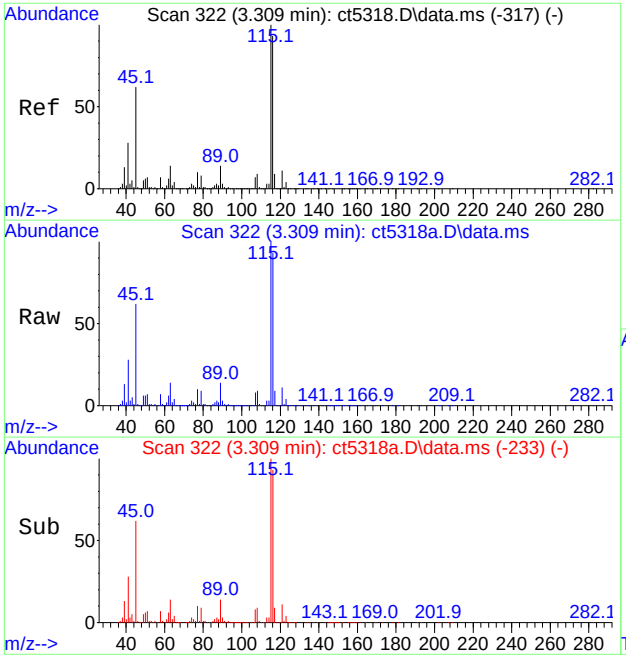
Tgt Ion:108 Resp: 610651

Ion	Ratio	Lower	Upper
108	100		
107	87.8	57.1	117.1
90	24.5	0.0	54.8



7.6.21

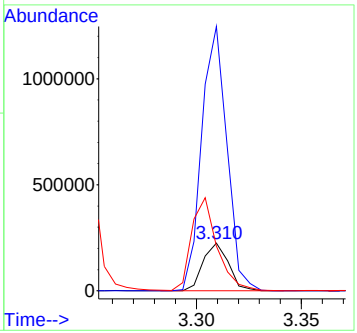
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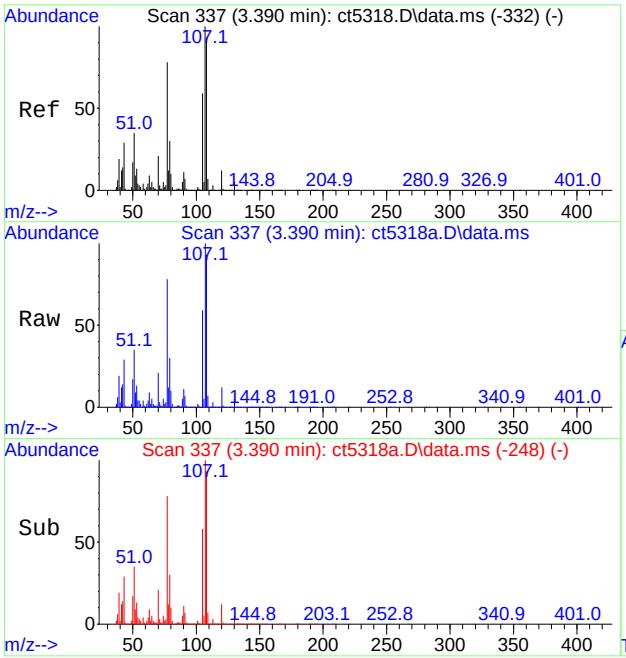


#20
2,2'-oxybis(1-Chloropropane
Concen: 41.0071 ppm
RT: 3.309 min Scan# 322
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:121 Resp: 190247

Ion	Ratio	Lower	Upper
121	100		
45	553.5	508.3	568.3
77	92.8	44.5	104.5

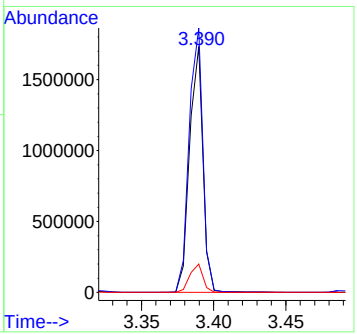


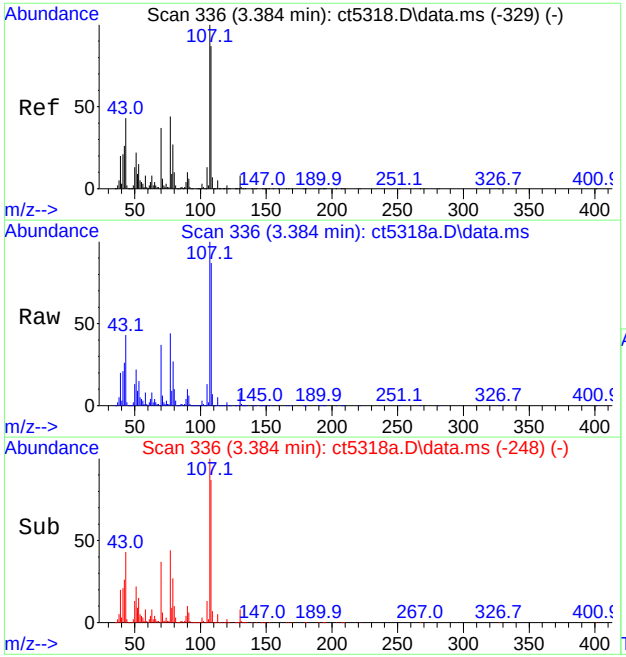


#21
3&4-Methylphenol
Concen: 76.8615 ppm
RT: 3.390 min Scan# 337
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:108 Resp: 1121351

Ion	Ratio	Lower	Upper
108	100		
107	107.5	74.9	134.9
90	11.6	0.0	41.4

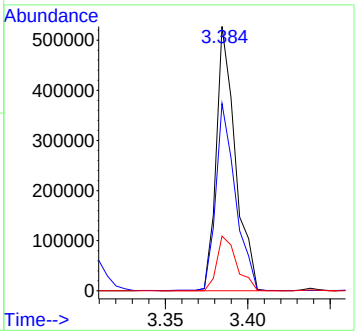


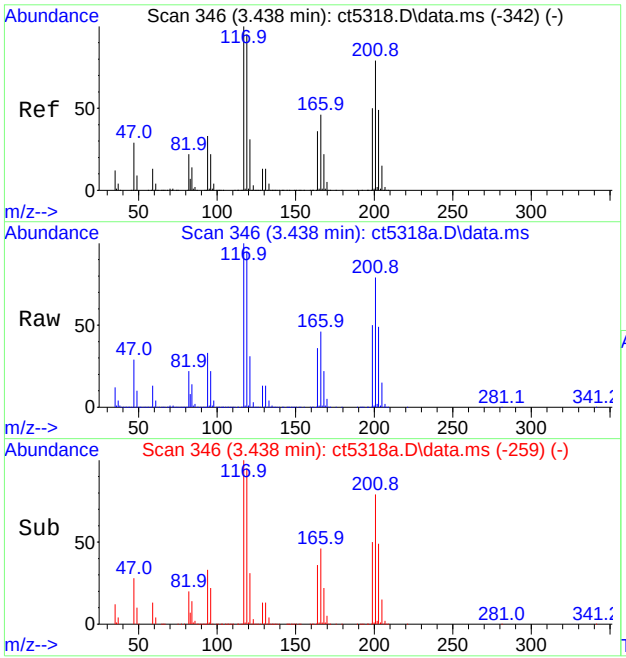


#22
n-Nitroso-di-n-propylamine
Concen: 39.0568 ppm
RT: 3.384 min Scan# 336
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 70 Resp: 425274

Ion	Ratio	Lower	Upper
70	100		
42	70.7	42.3	102.3
130	20.6	0.0	50.5

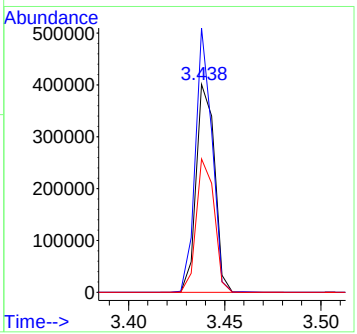


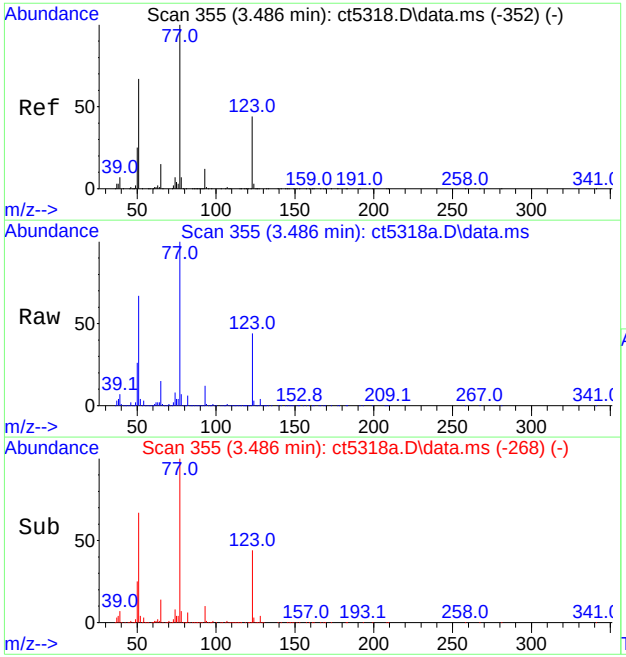


#23
Hexachloroethane
Concen: 47.6913 ppm
RT: 3.438 min Scan# 346
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:201 Resp: 267986

Ion	Ratio	Lower	Upper
201	100		
117	127.2	93.9	153.9
199	64.1	32.2	92.2

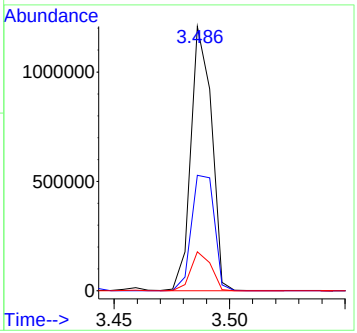


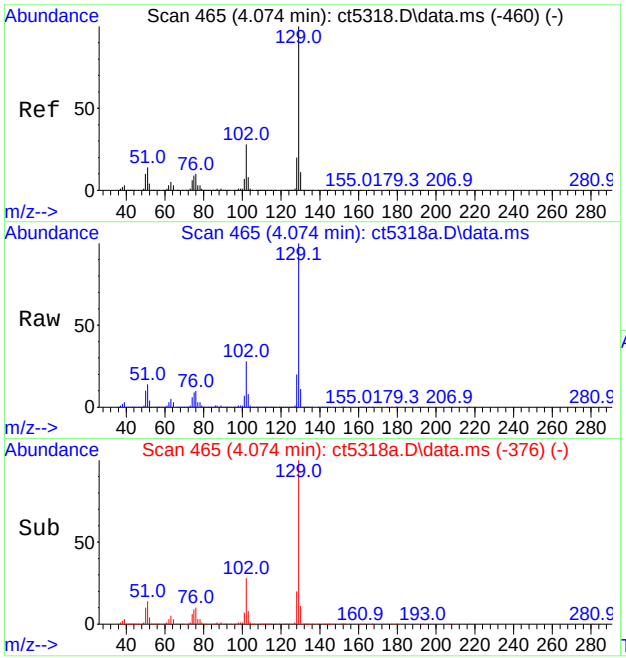


#26
Nitrobenzene
Concen: 42.7146 ppm
RT: 3.486 min Scan# 355
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 77 Resp: 756961

Ion	Ratio	Lower	Upper
77	100		
123	43.7	18.0	78.0
65	14.8	0.0	44.7

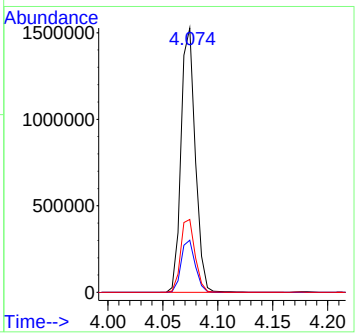


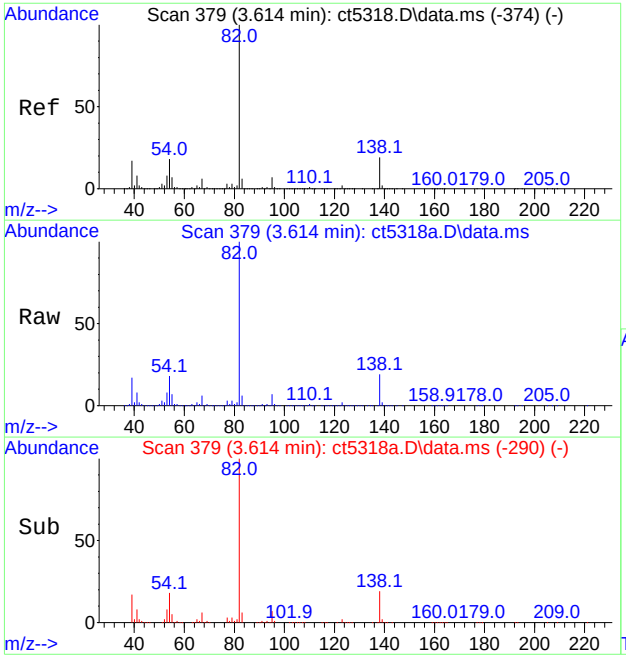


#27
Quinoline
Concen: 42.8495 ppm
RT: 4.074 min Scan# 465
Delta R.T. -0.027 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:129 Resp: 1373993

Ion	Ratio	Lower	Upper
129	100		
128	19.7	0.0	49.7
102	27.6	0.0	58.7

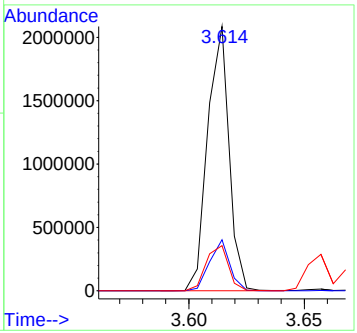


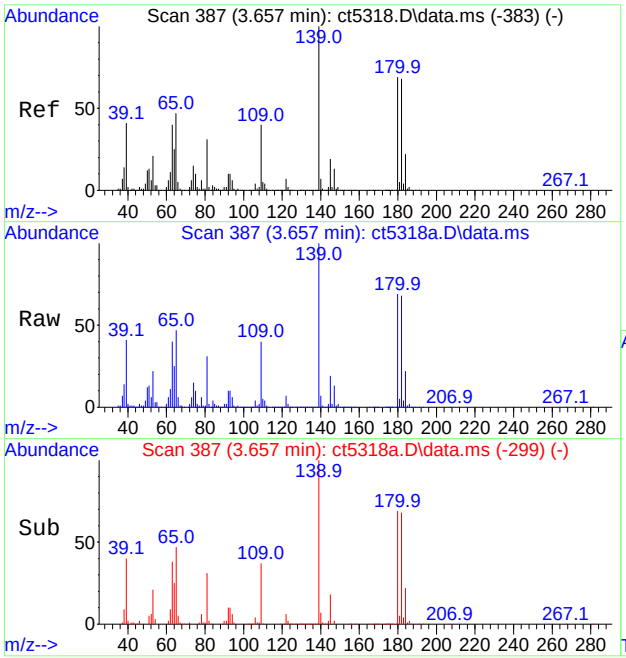


#28
Isophorone
Concen: 42.6180 ppm
RT: 3.614 min Scan# 379
Delta R.T. -0.027 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 82 Resp: 1349744

Ion	Ratio	Lower	Upper
82	100		
138	19.3	0.0	47.0
39	17.1	0.0	49.1

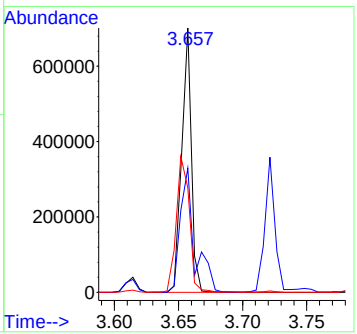


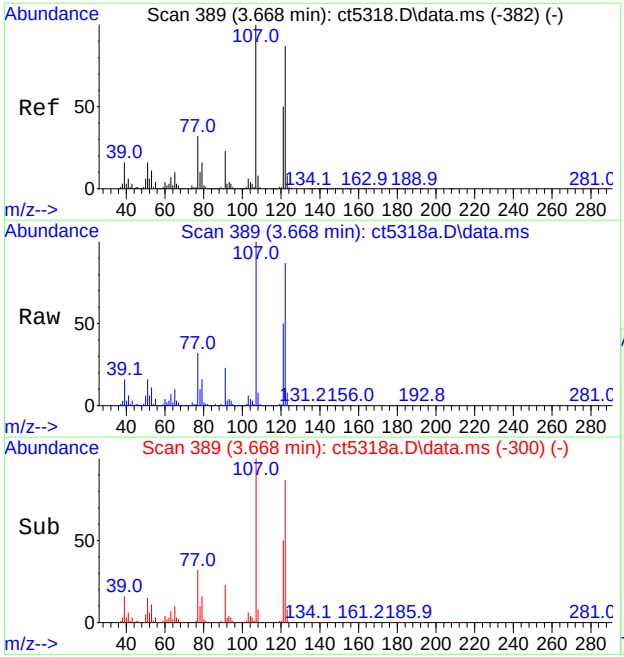


#29
2-Nitrophenol
Concen: 47.1884 ppm
RT: 3.657 min Scan# 387
Delta R.T. -0.027 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:139 Resp: 369224

Ion	Ratio	Lower	Upper
139	100		
65	46.4	28.1	88.1
109	39.5	35.1	95.1

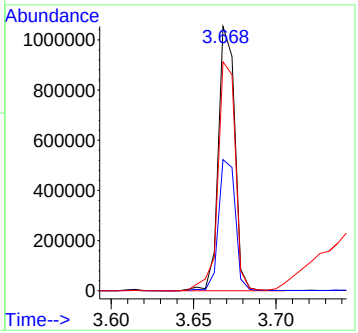


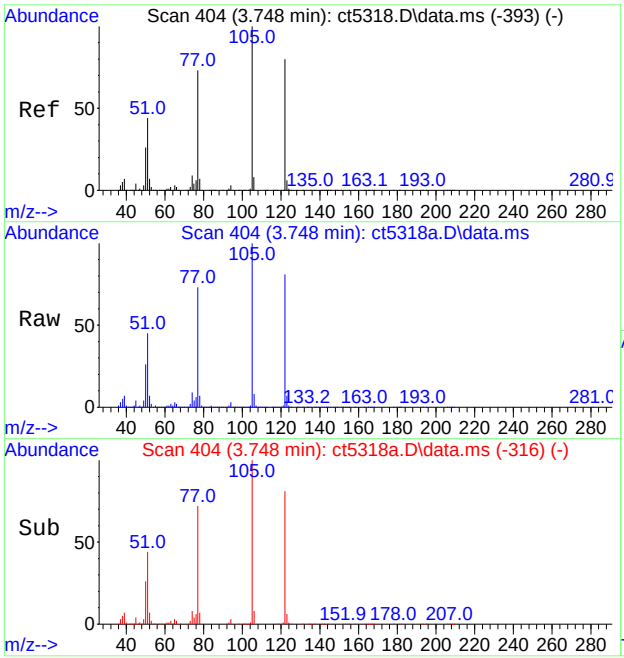


#30
2,4-Dimethylphenol
Concen: 43.5708 ppm
RT: 3.668 min Scan# 389
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:107 Resp: 730193

Ion	Ratio	Lower	Upper
107	100		
121	49.6	19.9	79.9
122	85.2	51.6	111.6

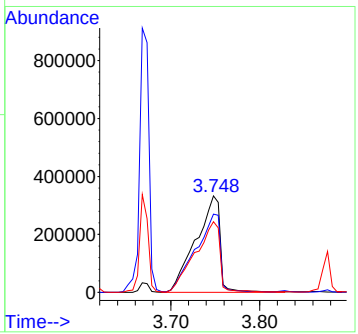


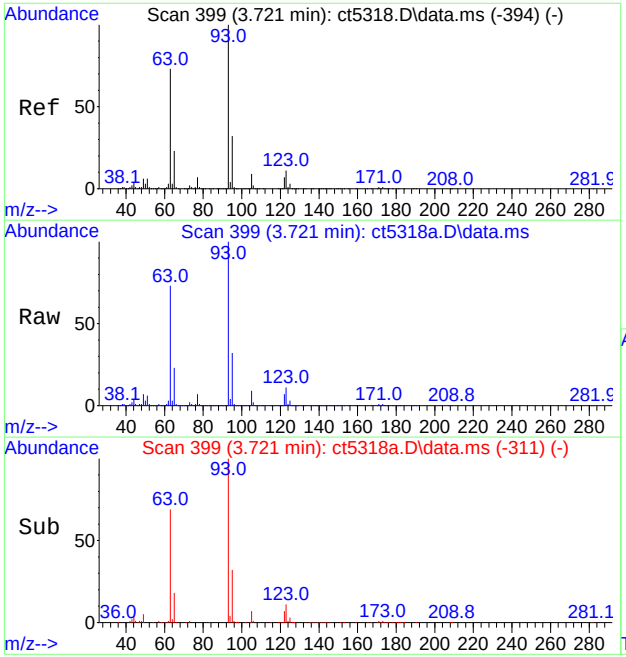


#31
Benzoic acid
Concen: 47.9925 ppm
RT: 3.748 min Scan# 404
Delta R.T. -0.027 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:105 Resp: 632847

Ion	Ratio	Lower	Upper
105	100		
122	79.9	48.8	108.8
77	72.9	43.0	103.0

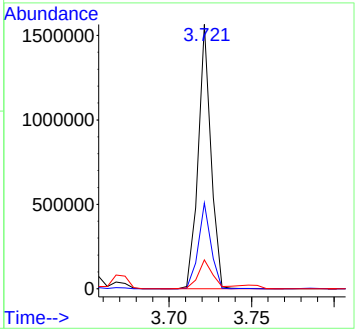


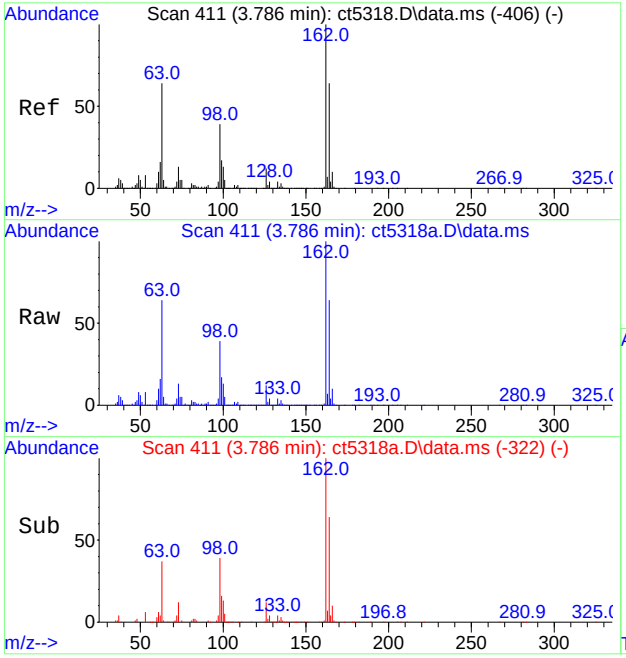


#32
bis(2-Chloroethoxy)methane
Concen: 42.4830 ppm
RT: 3.721 min Scan# 399
Delta R.T. -0.027 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 93 Resp: 841291

Ion	Ratio	Lower	Upper
93	100		
95	32.4	2.7	62.7
123	10.9	0.0	40.7

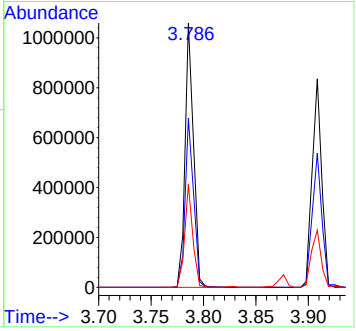


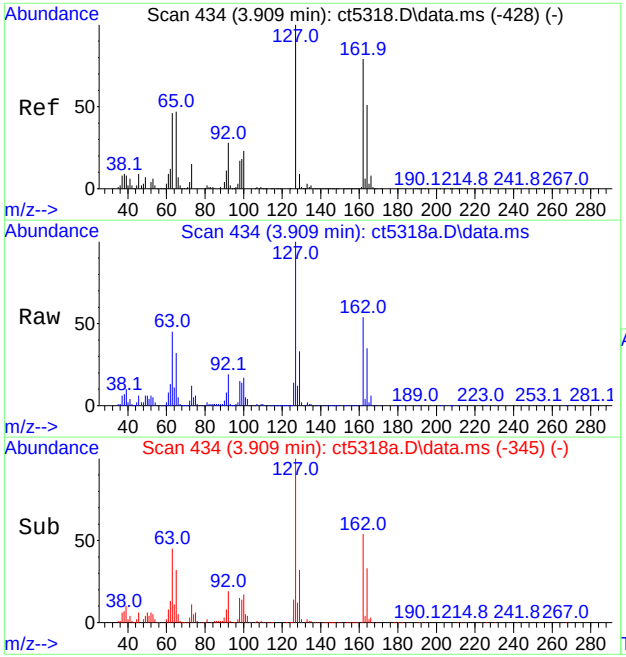


#33
2,4-Dichlorophenol
Concen: 46.5998 ppm
RT: 3.786 min Scan# 411
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:162 Resp: 595563

Ion	Ratio	Lower	Upper
162	100		
164	63.9	33.4	93.4
98	36.6	10.2	70.2

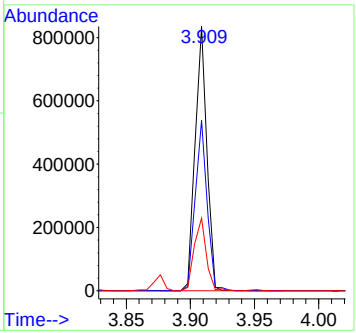


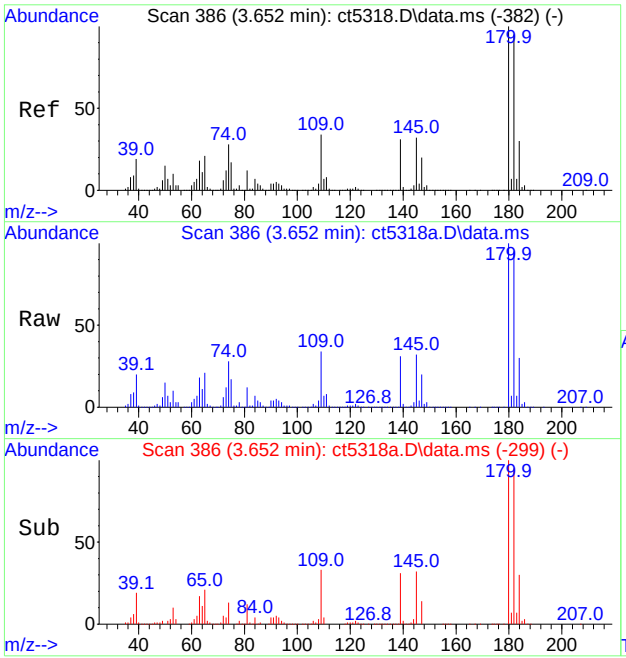


#34
2,6-Dichlorophenol
Concen: 44.3001 ppm
RT: 3.909 min Scan# 434
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:162 Resp: 532242

Ion	Ratio	Lower	Upper
162	100		
164	64.5	33.8	93.8
98	24.4	0.0	58.3

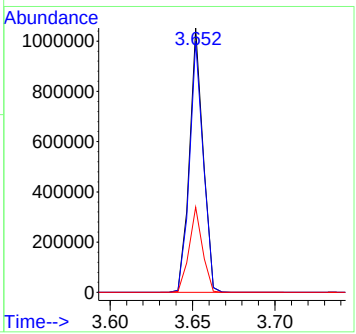


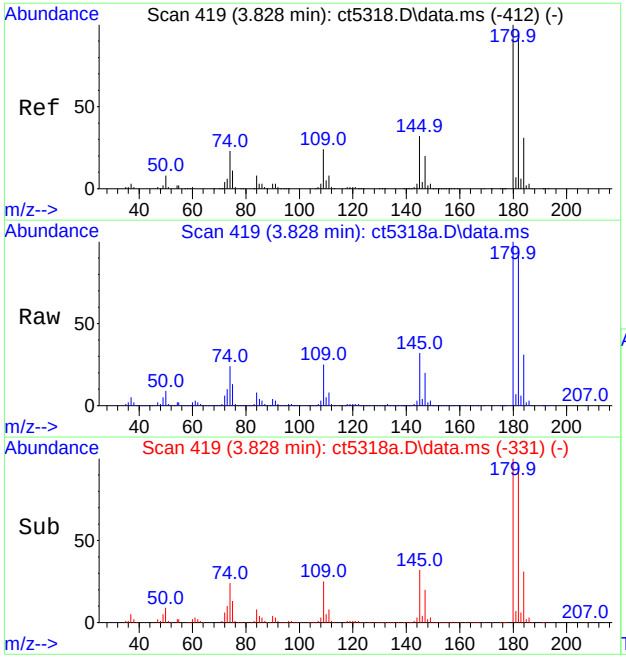


#35
1,3,5-Trichlorobenzene
Concen: 45.3219 ppm
RT: 3.652 min Scan# 386
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:180 Resp: 606634

Ion	Ratio	Lower	Upper
180	100		
182	94.9	64.6	124.6
145	32.2	0.9	60.9

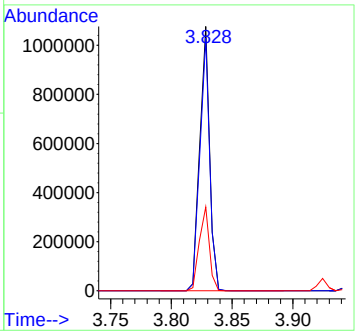


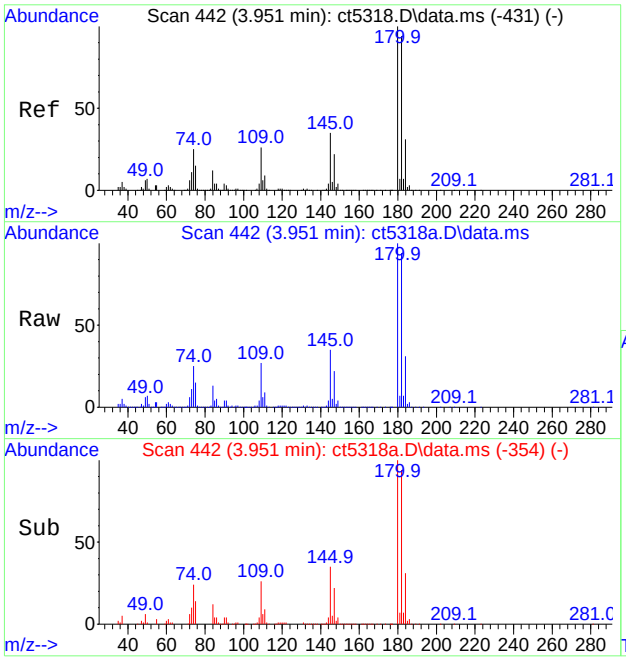


#36
1,2,4-Trichlorobenzene
Concen: 46.6329 ppm
RT: 3.828 min Scan# 419
Delta R.T. -0.027 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:180 Resp: 615678

Ion	Ratio	Lower	Upper
180	100		
182	95.6	63.6	123.6
145	31.7	4.3	64.3

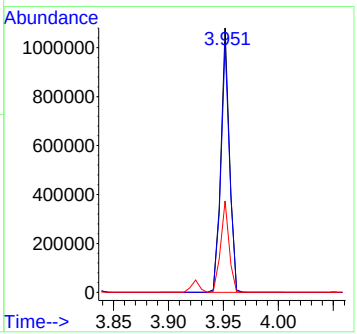


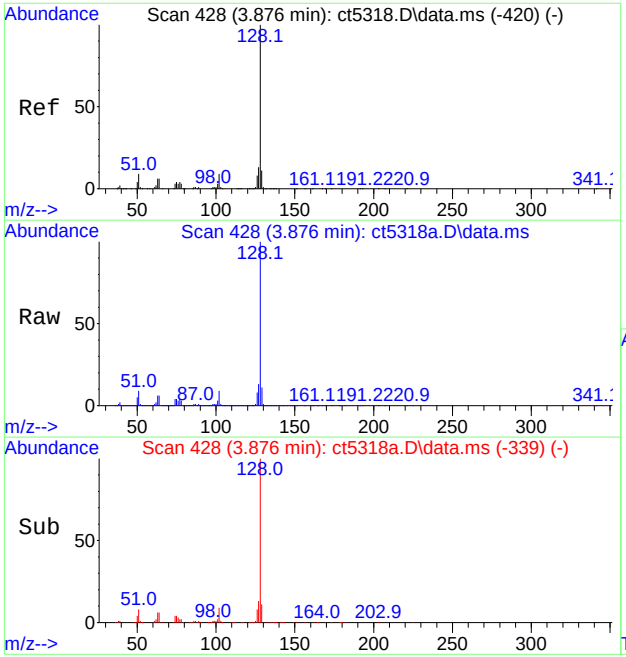


#37
1,2,3-Trichlorobenzene
Concen: 45.9862 ppm
RT: 3.951 min Scan# 442
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:180 Resp: 591338

Ion	Ratio	Lower	Upper
180	100		
182	94.1	65.9	125.9
145	34.5	2.0	62.0

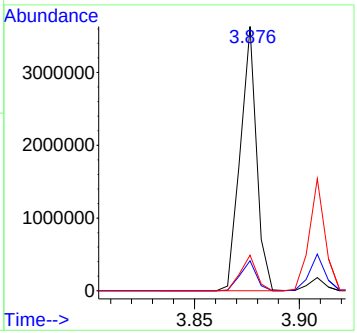


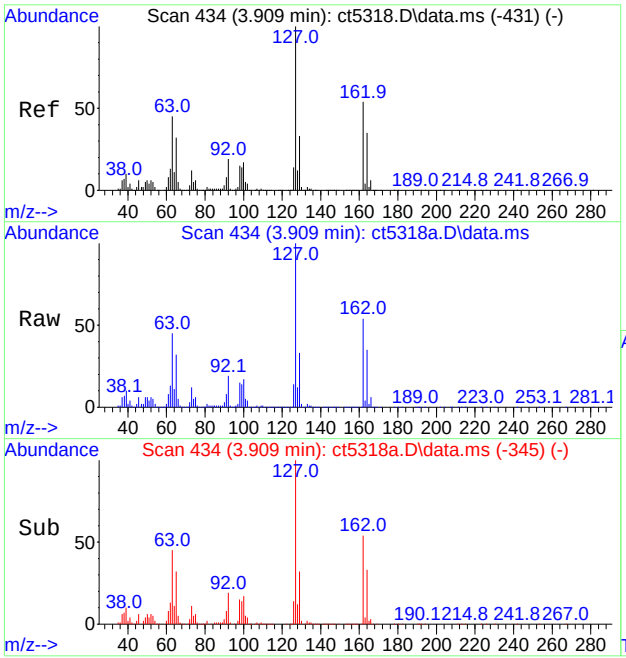


#38
Naphthalene
Concen: 43.4238 ppm
RT: 3.876 min Scan# 428
Delta R.T. -0.027 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:128 Resp: 1964593

Ion	Ratio	Lower	Upper
128	100		
129	11.3	0.0	41.7
127	13.4	0.0	43.6

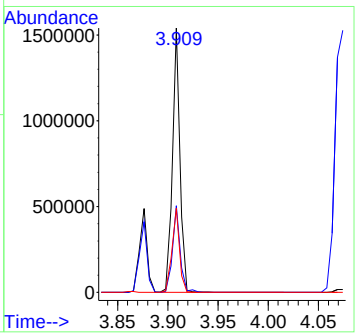


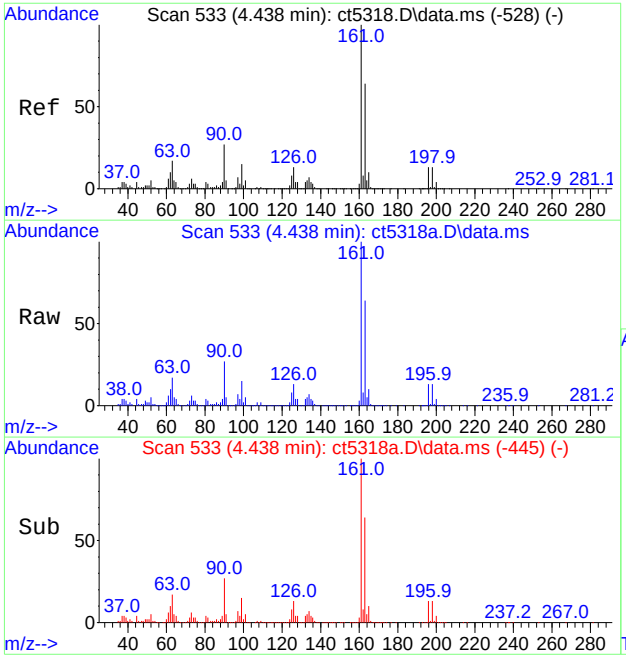


#39
4-Chloroaniline
Concen: 42.1944 ppm
RT: 3.909 min Scan# 434
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:127 Resp: 807164

Ion	Ratio	Lower	Upper
127	100		
129	32.7	2.2	62.2
65	31.7	4.0	64.0

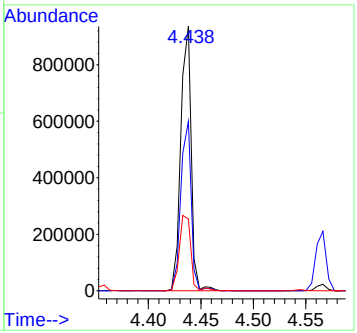


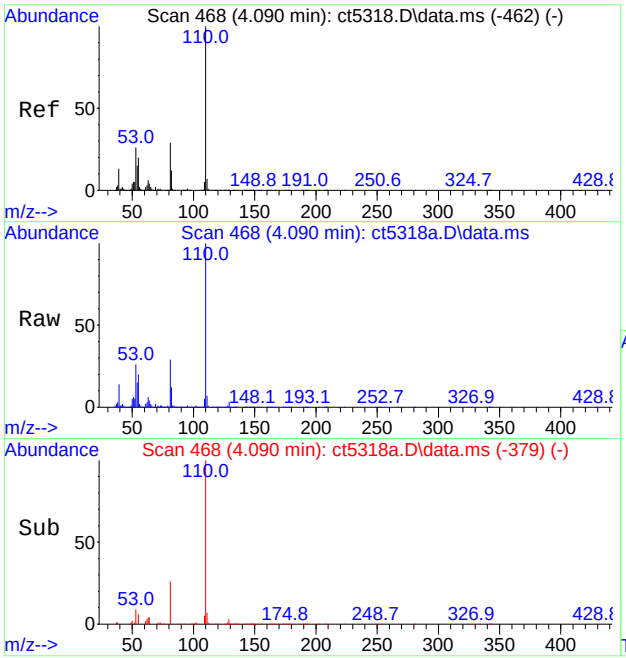


#40
2,3-Dichloroaniline
Concen: 44.3110 ppm
RT: 4.438 min Scan# 533
Delta R.T. -0.027 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:161 Resp: 646324

Ion	Ratio	Lower	Upper
161	100		
163	64.0	34.3	94.3
90	27.1	5.3	65.3

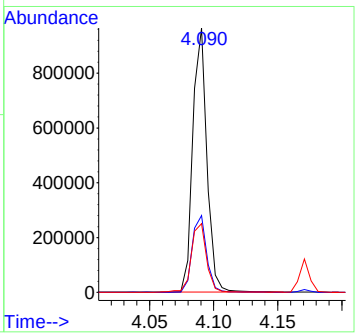


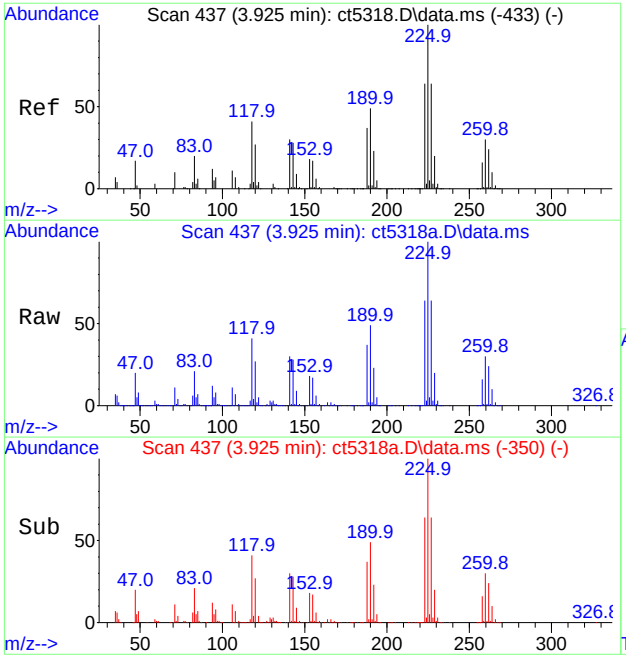


#41
Hydroquinone
Concen: 45.5499 ppm
RT: 4.090 min Scan# 468
Delta R.T. -0.022 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:110 Resp: 735332

Ion	Ratio	Lower	Upper
110	100		
81	29.0	0.1	60.1
53	25.9	0.0	59.2

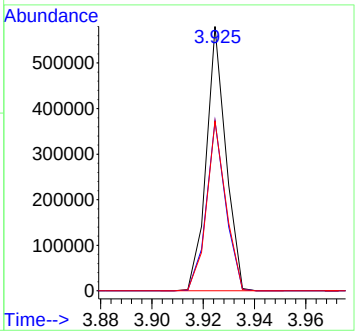


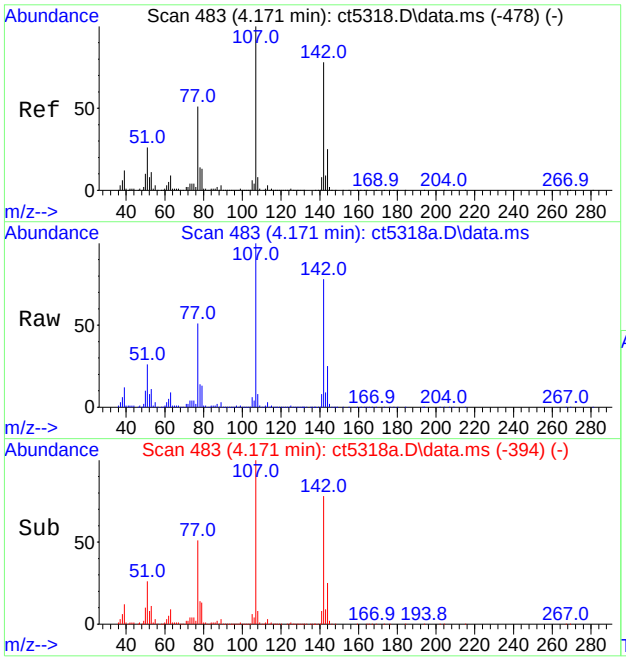


#42
Hexachlorobutadiene
Concen: 45.2717 ppm
RT: 3.925 min Scan# 437
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:225 Resp: 308656

Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.1	92.1
227	64.1	33.3	93.3

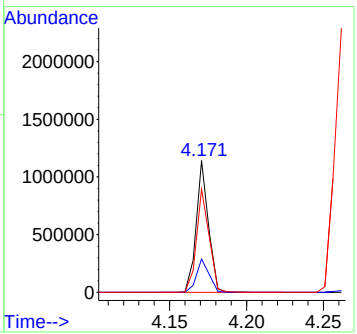


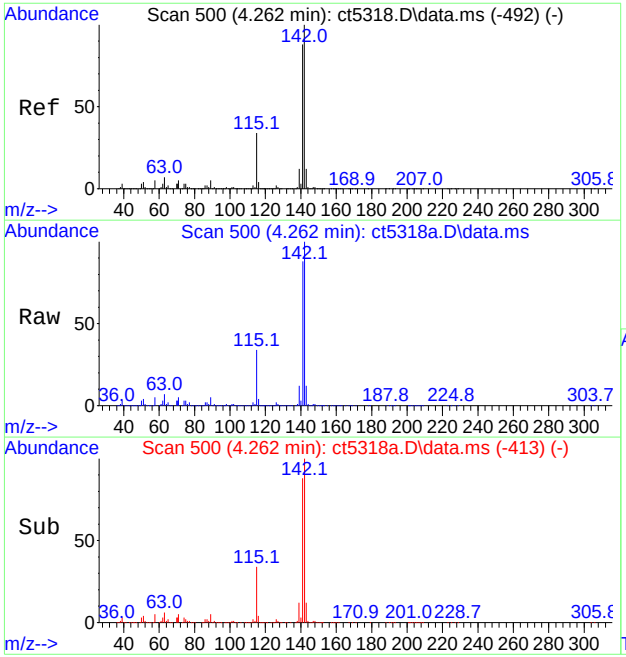


#43
4-Chloro-3-methylphenol
Concen: 44.1884 ppm
RT: 4.171 min Scan# 483
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:107 Resp: 630973

Ion	Ratio	Lower	Upper
107	100		
144	25.3	0.0	55.9
142	78.3	43.8	103.8

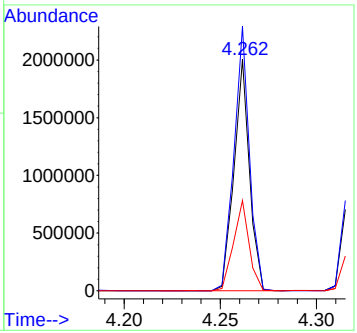


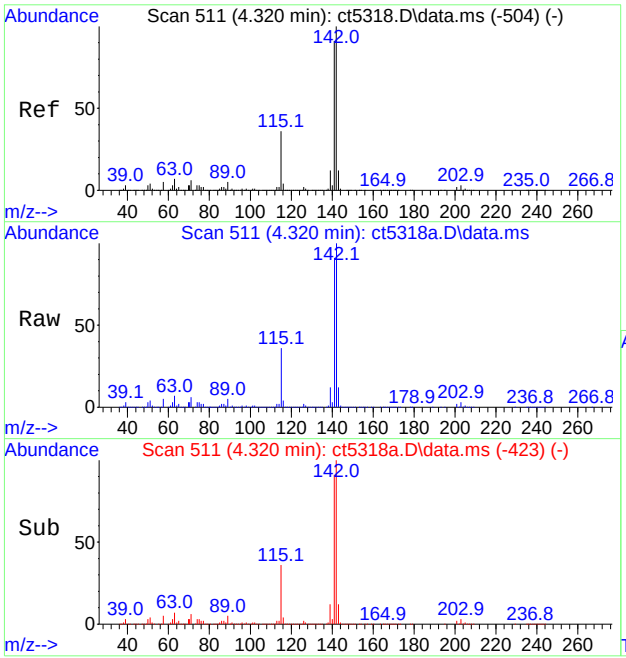


#44
2-Methylnaphthalene
Concen: 42.6966 ppm
RT: 4.262 min Scan# 500
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:141 Resp: 1127375

Ion	Ratio	Lower	Upper
141	100		
142	114.1	85.2	145.2
115	38.9	9.7	69.7

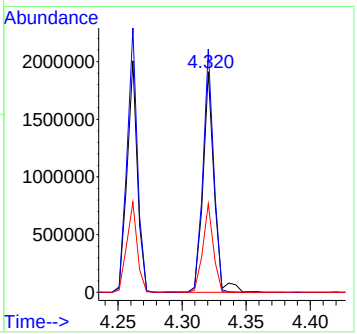


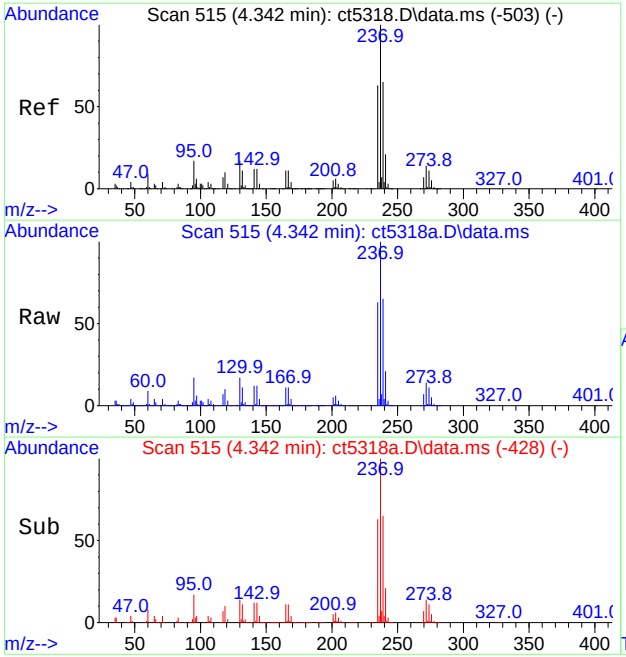


#45
1-Methylnaphthalene
Concen: 42.7365 ppm
RT: 4.320 min Scan# 511
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:141 Resp: 1159783

Ion	Ratio	Lower	Upper
141	100		
142	110.3	80.8	140.8
115	40.1	10.8	70.8

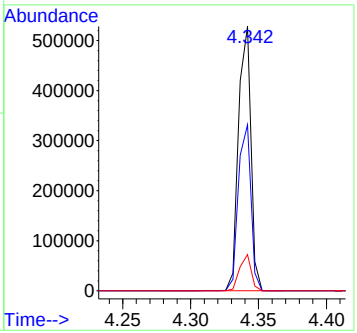


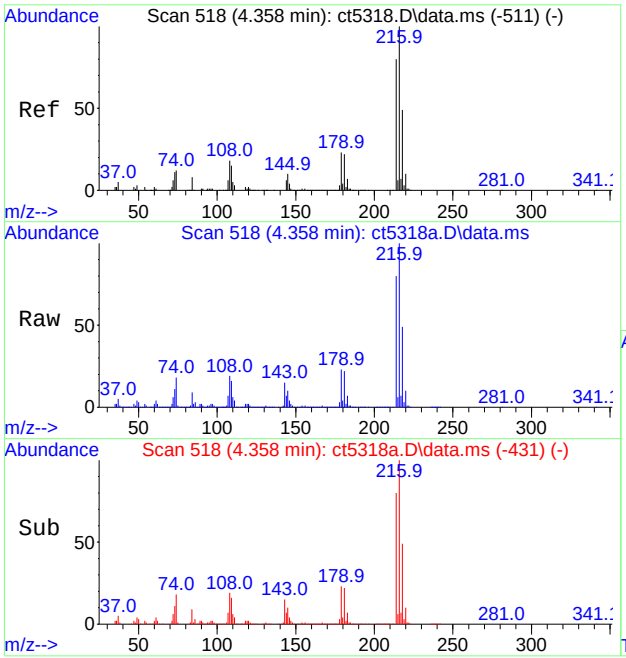


#47
Hexachlorocyclopentadiene
Concen: 57.5251 ppm
RT: 4.342 min Scan# 515
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:237 Resp: 336111

Ion	Ratio	Lower	Upper
237	100		
235	62.7	34.5	94.5
272	13.6	0.0	43.6

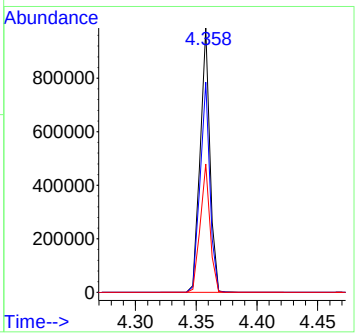


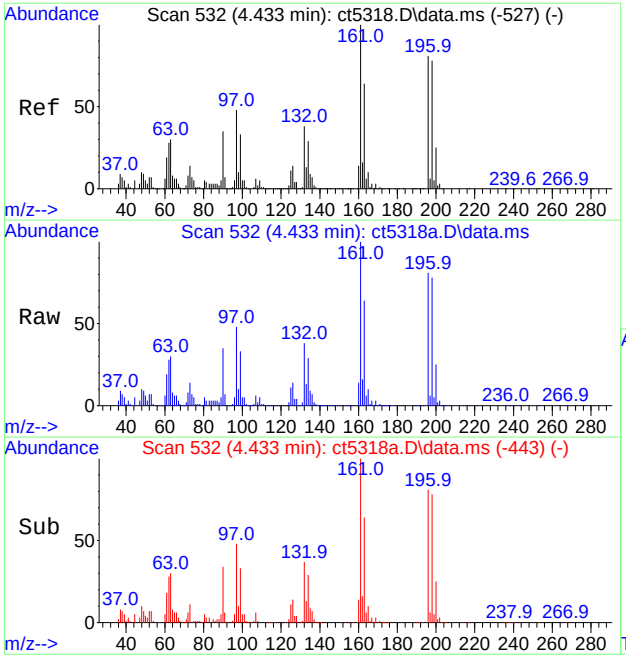


#48
1,2,4,5-tetrachlorobenzene
Concen: 45.5040 ppm
RT: 4.358 min Scan# 518
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:216 Resp: 559716

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
218	48.6	38.4	57.6

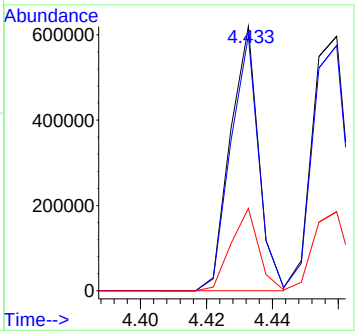


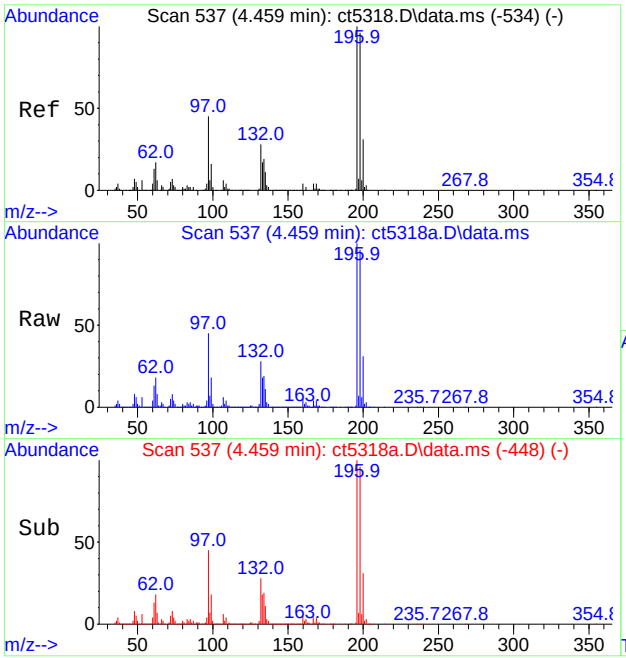


#49
2,4,6-Trichlorophenol
Concen: 45.1614 ppm
RT: 4.433 min Scan# 532
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:196 Resp: 370809

Ion	Ratio	Lower	Upper
196	100		
198	96.4	64.2	124.2
200	31.1	0.0	59.5

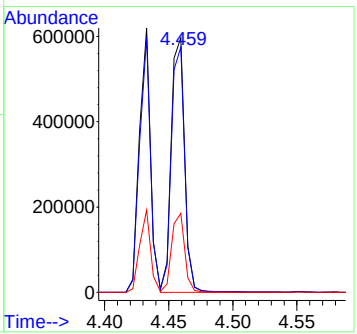


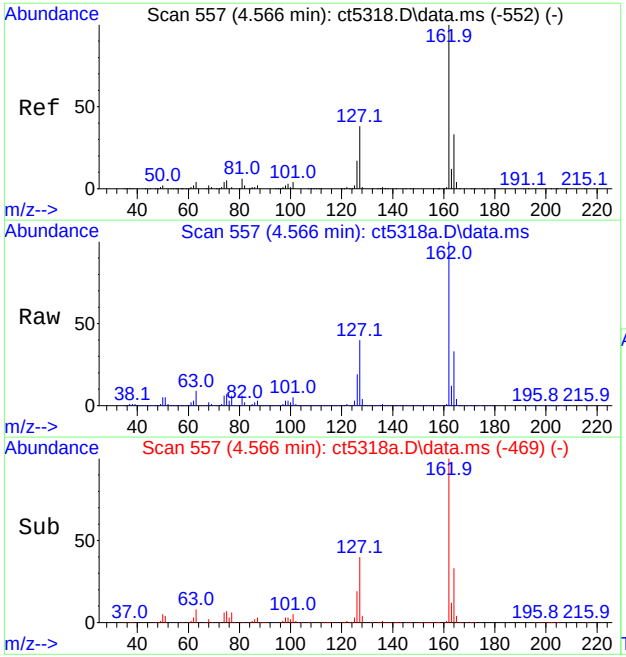


#50
2,4,5-Trichlorophenol
Concen: 46.6554 ppm
RT: 4.459 min Scan# 537
Delta R.T. -0.027 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:196 Resp: 434519

Ion	Ratio	Lower	Upper
196	100		
198	96.4	65.2	125.2
200	31.0	0.7	60.7

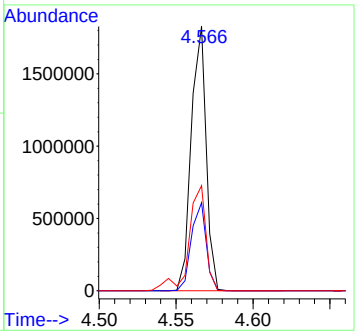


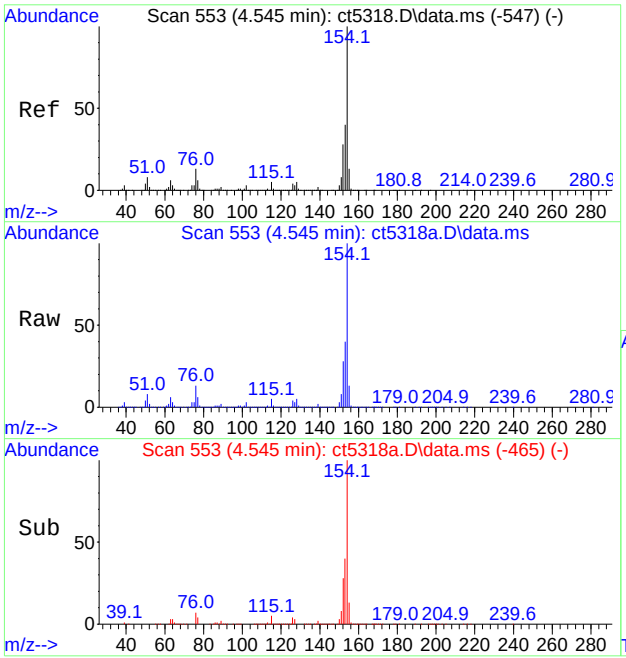


#52
2-Chloronaphthalene
Concen: 44.1809 ppm
RT: 4.566 min Scan# 557
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:162 Resp: 1231732

Ion	Ratio	Lower	Upper
162	100		
164	33.3	2.8	62.8
127	38.6	11.0	71.0

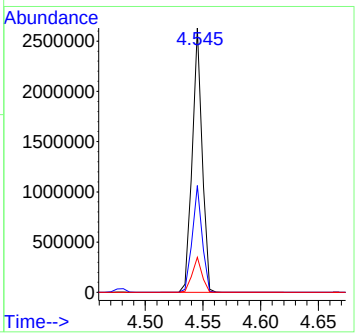


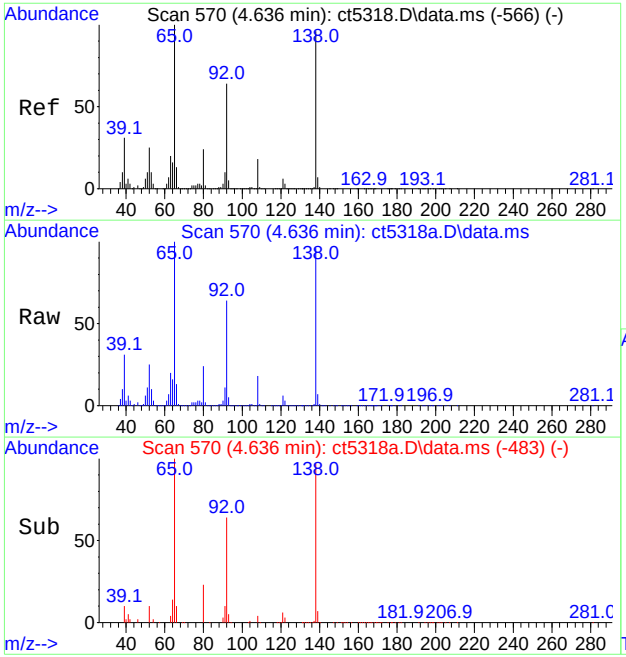


#53
Biphenyl
Concen: 43.9666 ppm
RT: 4.545 min Scan# 553
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:154 Resp: 1580579

Ion	Ratio	Lower	Upper
154	100		
153	40.4	10.7	70.7
155	13.3	0.0	43.5

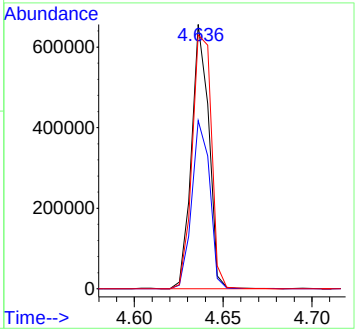


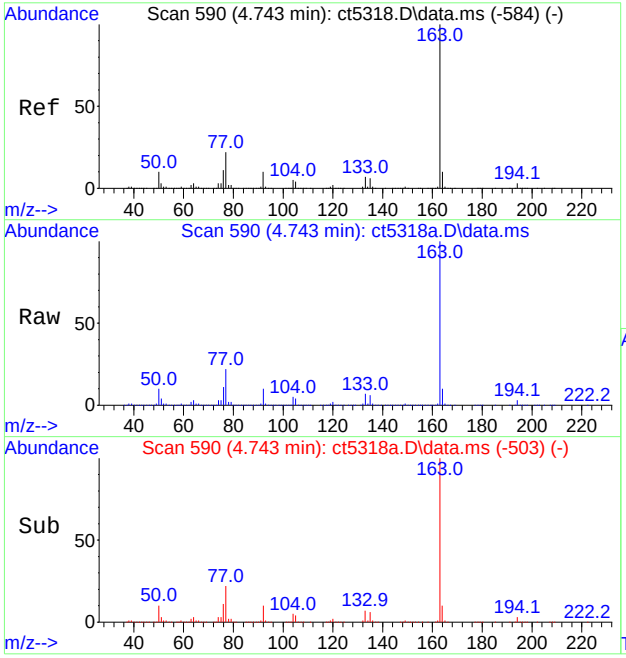


#54
2-Nitroaniline
Concen: 42.0136 ppm
RT: 4.636 min Scan# 570
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 65 Resp: 445105

Ion	Ratio	Lower	Upper
65	100		
92	63.7	34.6	94.6
138	96.0	67.0	127.0

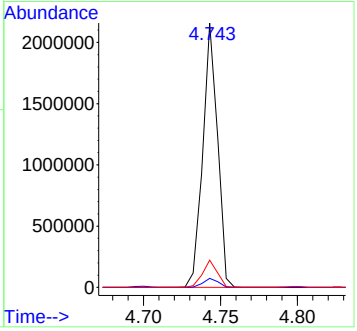


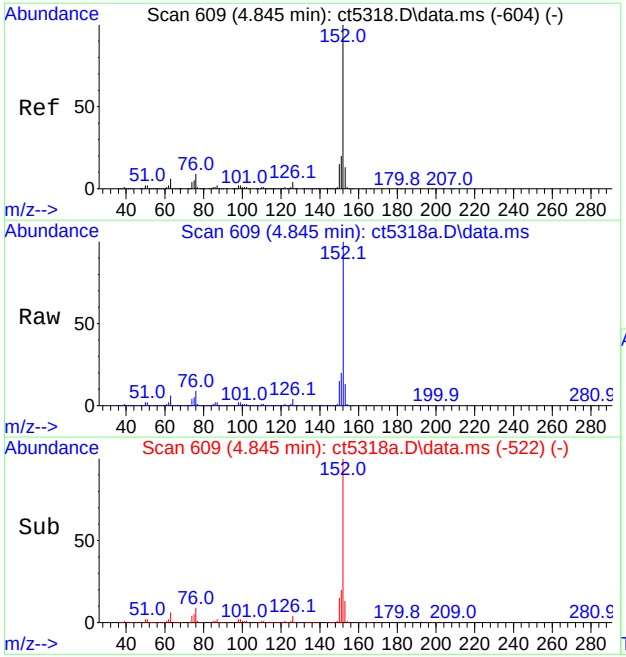


#55
Dimethylphthalate
Concen: 44.4647 ppm
RT: 4.743 min Scan# 590
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:163 Resp: 1444050

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	33.4
164	10.3	0.0	40.5

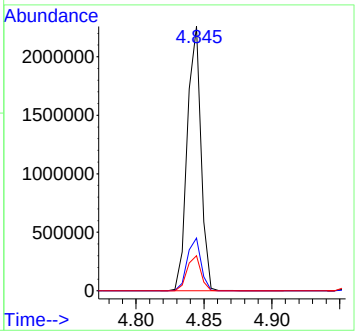


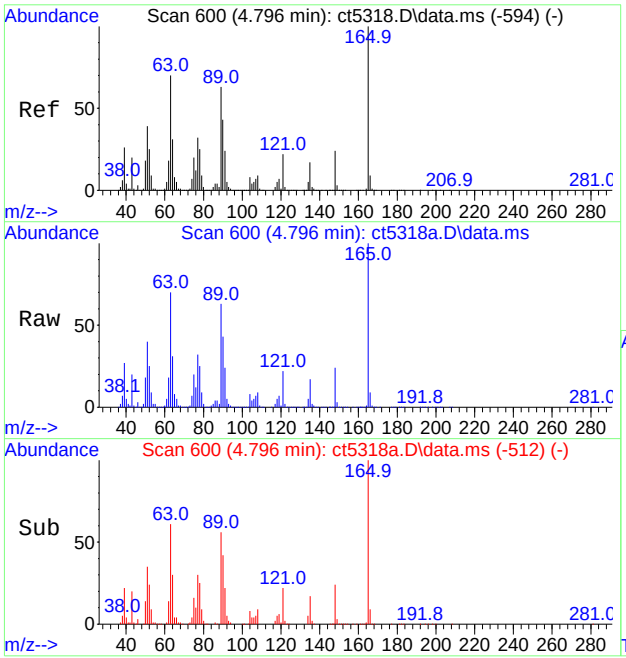


#56
Acenaphthylene
Concen: 36.7098 ppm
RT: 4.845 min Scan# 609
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:152 Resp: 1590094

Ion	Ratio	Lower	Upper
152	100		
151	20.0	0.0	50.4
153	13.3	0.0	43.6

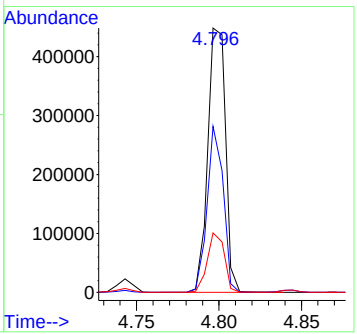


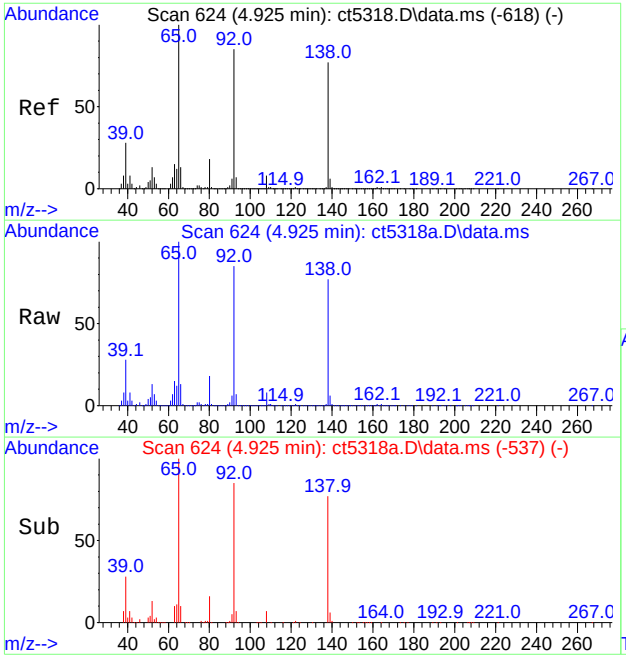


#57
2,6-Dinitrotoluene
Concen: 49.3426 ppm
RT: 4.796 min Scan# 600
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:165 Resp: 336249

Ion	Ratio	Lower	Upper
165	100		
89	62.4	34.4	94.4
121	22.1	0.0	53.3

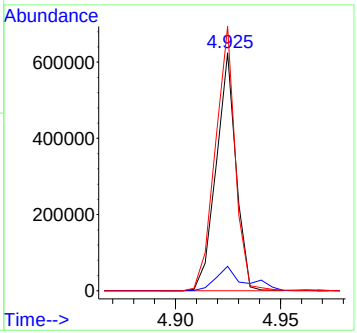


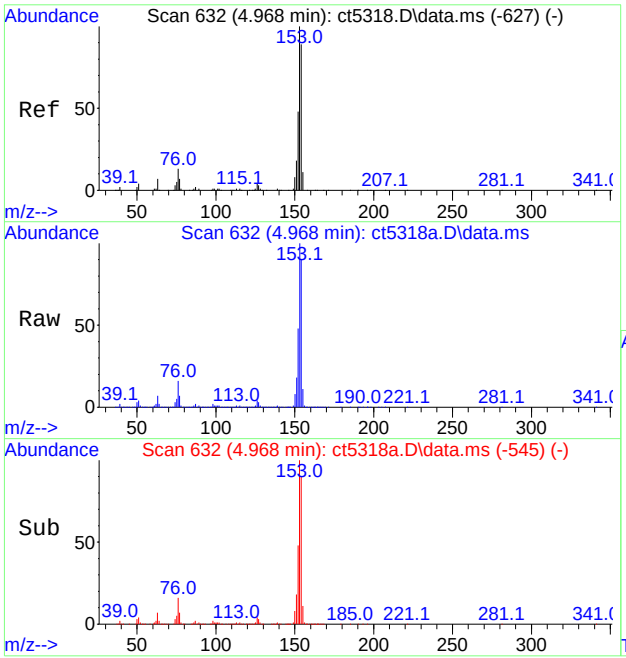


#58
3-Nitroaniline
Concen: 45.1576 ppm
RT: 4.925 min Scan# 624
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:138 Resp: 410772

Ion	Ratio	Lower	Upper
138	100		
108	10.2	0.0	40.1
92	111.0	84.8	144.8

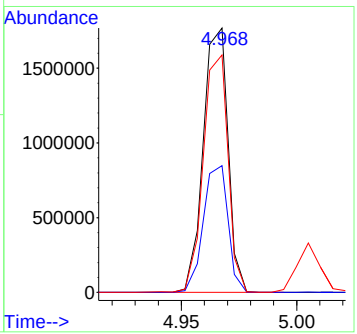


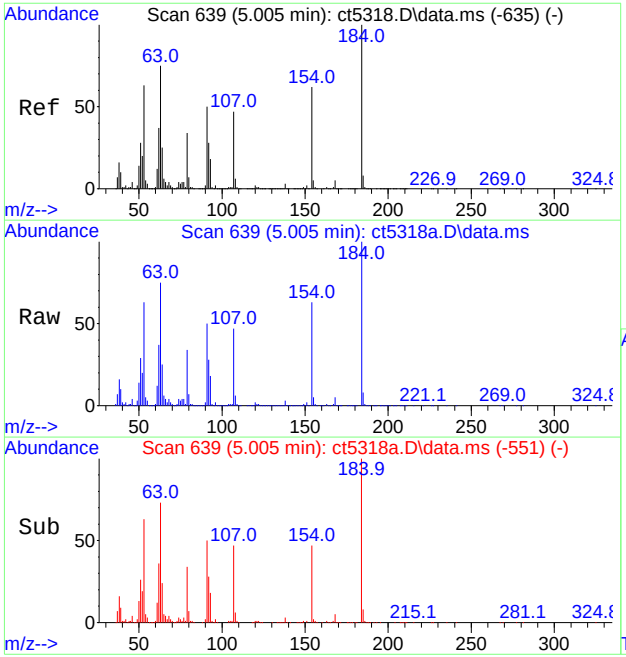


#59
Acenaphthene
Concen: 45.2583 ppm
RT: 4.968 min Scan# 632
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:153 Resp: 1325875

Ion	Ratio	Lower	Upper
153	100		
152	47.9	18.5	78.5
154	89.1	59.7	119.7

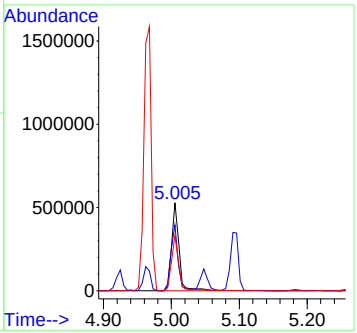


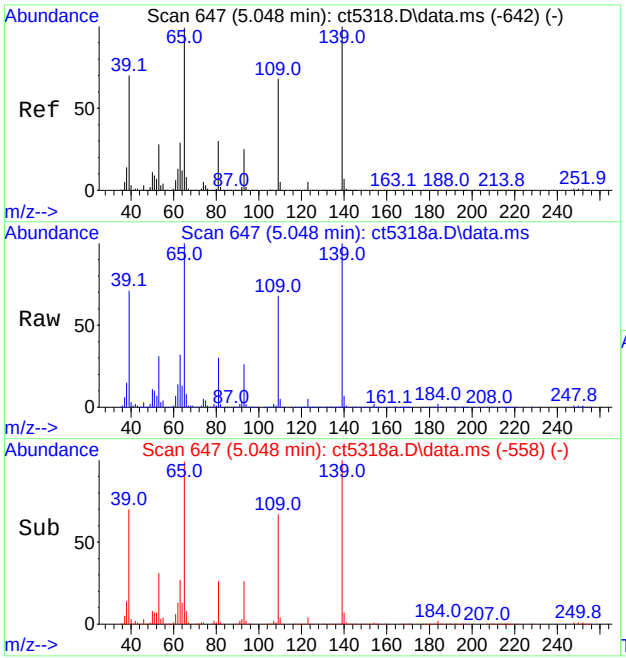


#60
2,4-Dinitrophenol
Concen: 94.5343 ppm
RT: 5.005 min Scan# 639
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:184 Resp: 406826

Ion	Ratio	Lower	Upper
184	100		
63	74.7	32.3	92.3
154	62.5	29.0	89.0

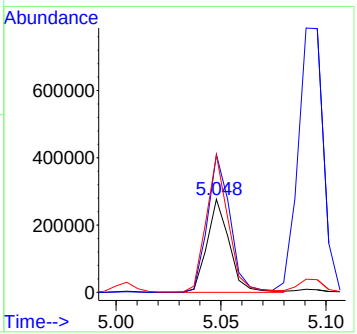


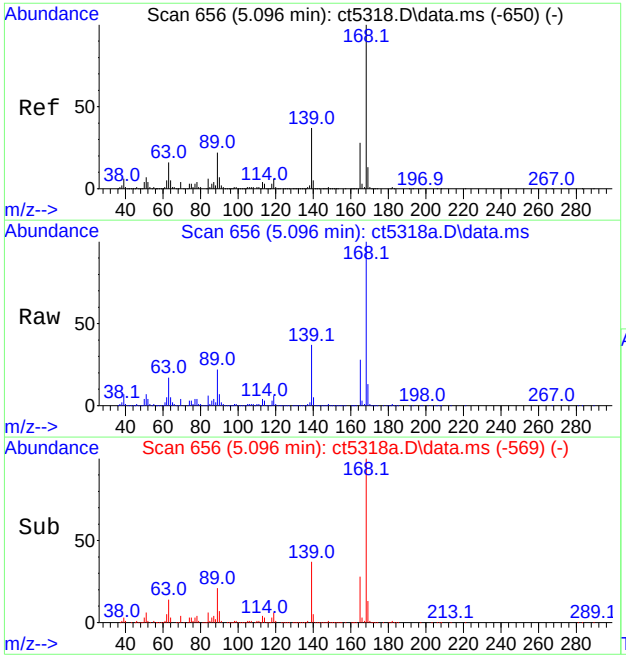


#61
4-Nitrophenol
Concen: 44.7444 ppm
RT: 5.048 min Scan# 647
Delta R.T. -0.026 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:109 Resp: 204204

Ion	Ratio	Lower	Upper
109	100		
139	143.6	118.3	178.3
65	146.9	113.1	173.1

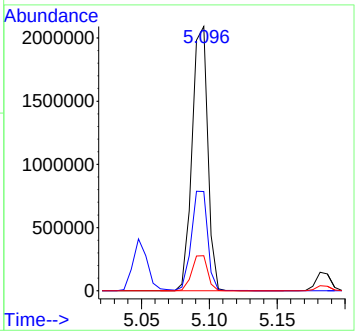


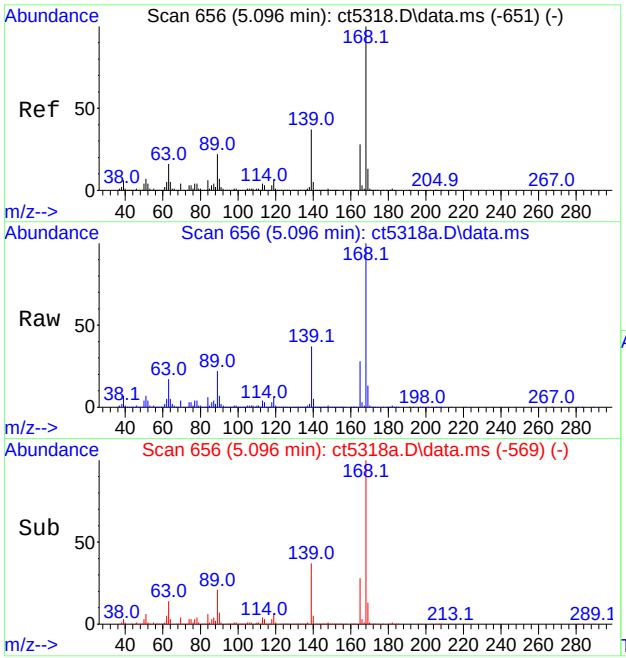


#62
Dibenzofuran
Concen: 43.5482 ppm
RT: 5.096 min Scan# 656
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:168 Resp: 1675420

Ion	Ratio	Lower	Upper
168	100		
139	37.1	11.5	71.5
169	13.2	0.0	43.8

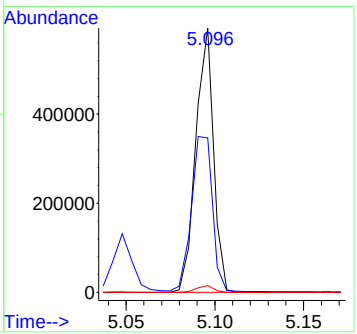


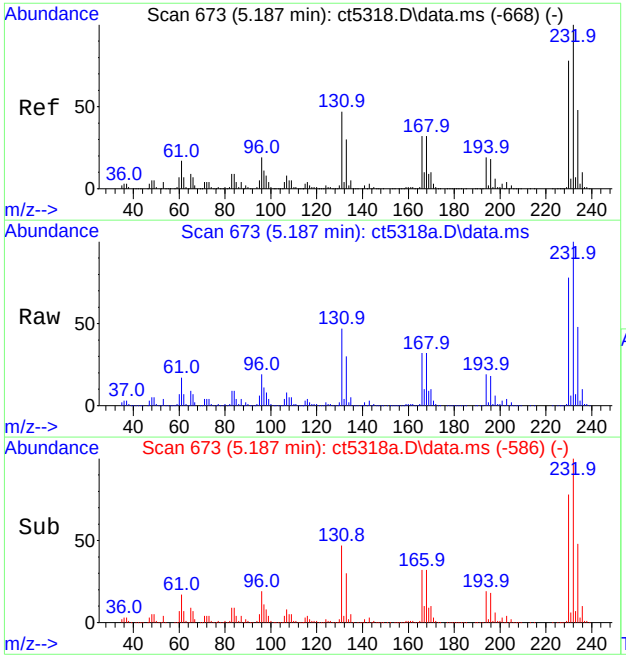


#63
2,4-Dinitrotoluene
Concen: 46.3406 ppm
RT: 5.096 min Scan# 656
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:165 Resp: 412636

Ion	Ratio	Lower	Upper
165	100		
63	58.0	35.6	95.6
182	2.6	0.0	32.5

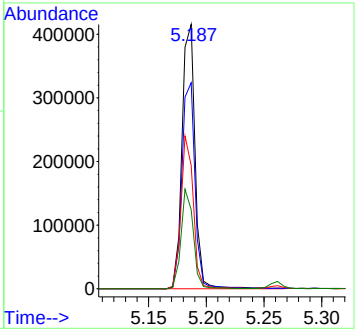


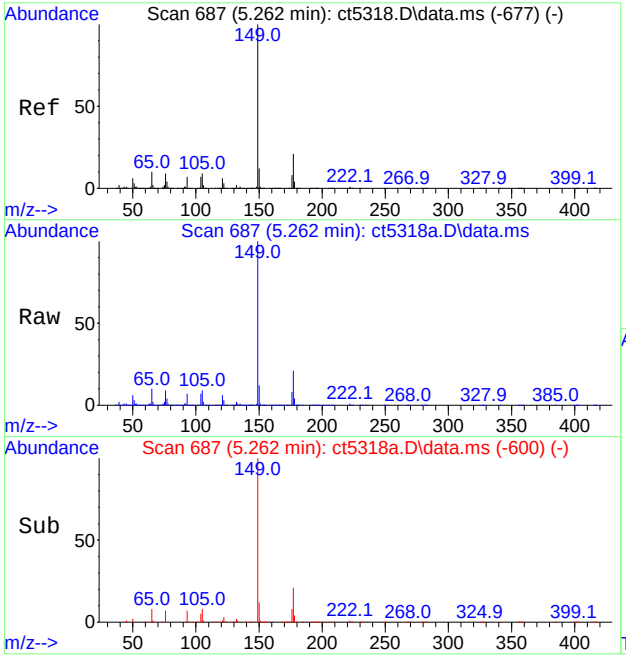


#64
2,3,4,6-Tetrachlorophenol
Concen: 46.6874 ppm
RT: 5.187 min Scan# 673
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:232 Resp: 327175

Ion	Ratio	Lower	Upper
232	100		
230	77.9	48.2	108.2
131	46.4	25.8	85.8
133	29.4	6.2	66.2

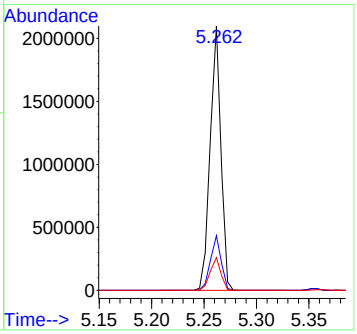


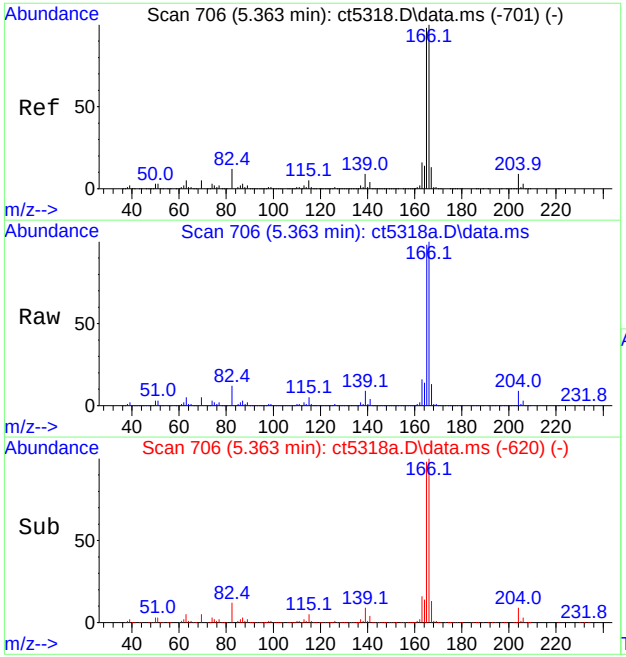


#65
Diethylphthalate
Concen: 44.8814 ppm
RT: 5.262 min Scan# 687
Delta R.T. -0.037 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:149 Resp: 1498049

Ion	Ratio	Lower	Upper
149	100		
177	20.7	0.0	50.7
150	12.4	0.0	42.5

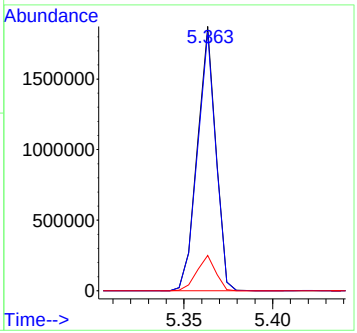


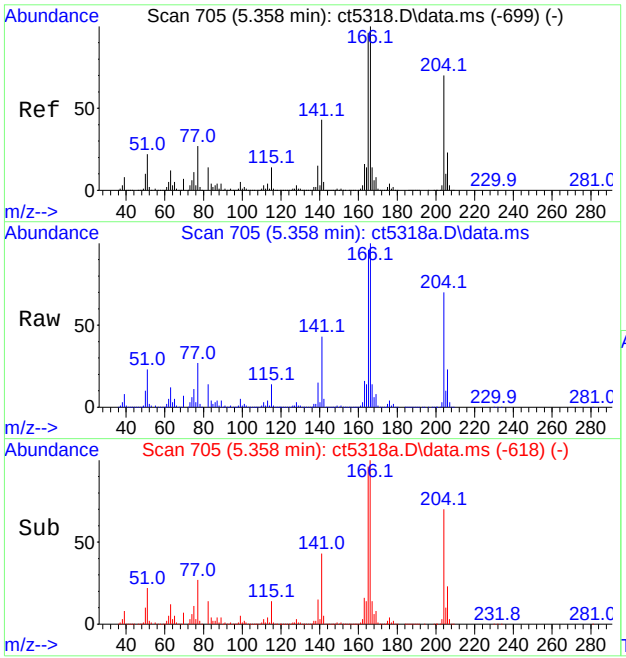


#66
Fluorene
Concen: 44.5338 ppm
RT: 5.363 min Scan# 706
Delta R.T. -0.038 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:166 Resp: 1351511

Ion	Ratio	Lower	Upper
166	100		
165	97.8	67.6	127.6
167	13.4	0.0	43.4

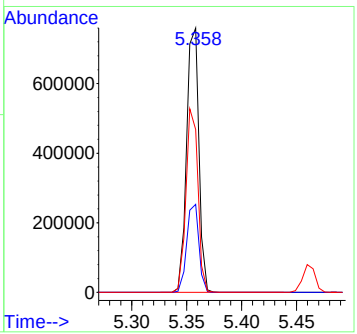


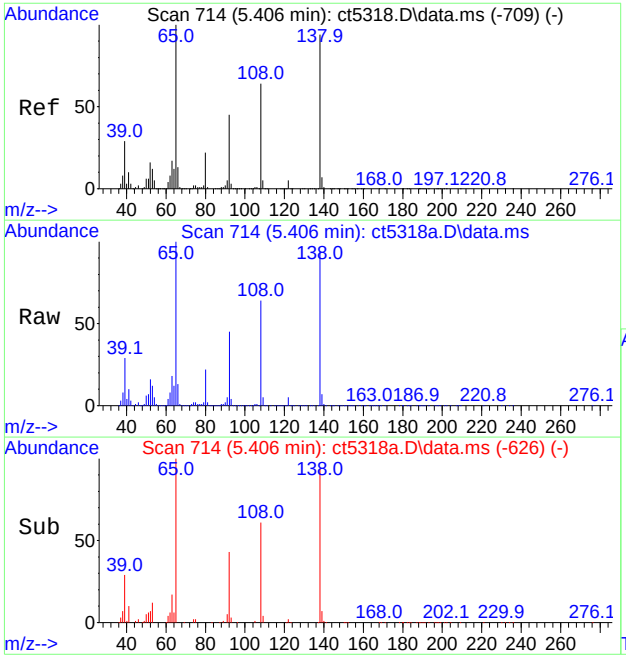


#67
4-Chlorophenyl-phenylether
Concen: 44.9309 ppm
RT: 5.358 min Scan# 705
Delta R.T. -0.037 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:204 Resp: 591038

Ion	Ratio	Lower	Upper
204	100		
206	33.3	2.9	62.9
141	61.6	34.9	94.9

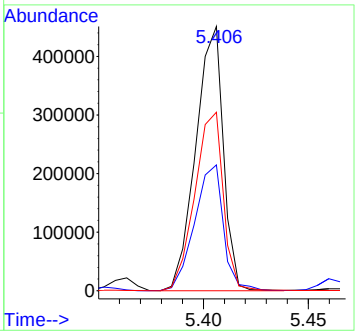


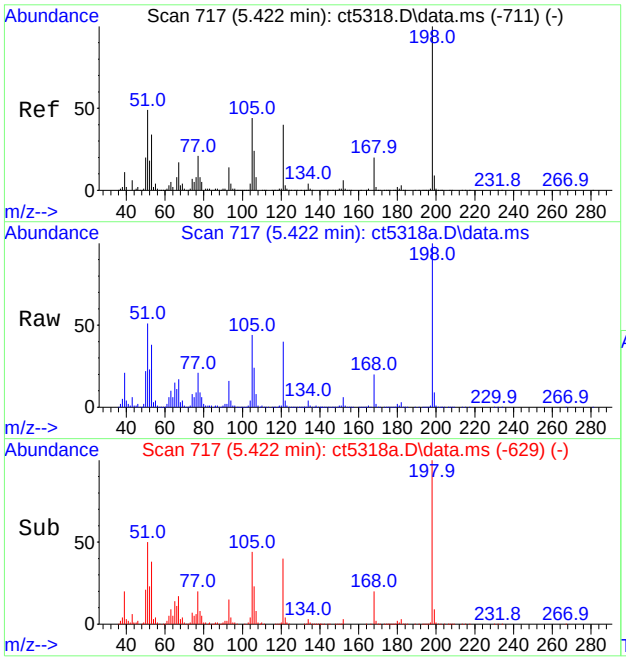


#68
4-Nitroaniline
Concen: 48.3040 ppm
RT: 5.406 min Scan# 714
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:138 Resp: 412464

Ion	Ratio	Lower	Upper
138	100		
92	47.5	20.2	80.2
108	67.5	41.6	101.6

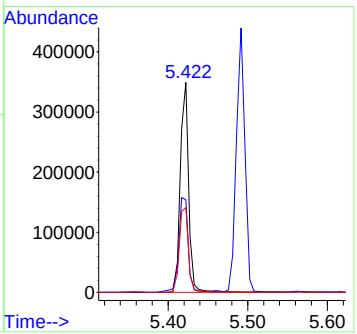


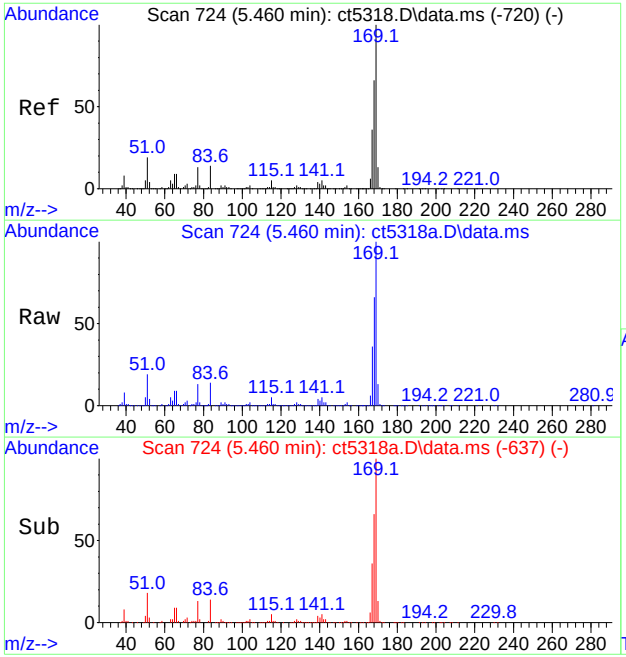


#70
4,6-Dinitro-2-methylphenol
Concen: 50.8248 ppm
RT: 5.422 min Scan# 717
Delta R.T. -0.032 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:198 Resp: 258554

Ion	Ratio	Lower	Upper
198	100		
105	43.8	15.6	75.6
121	40.3	11.4	71.4

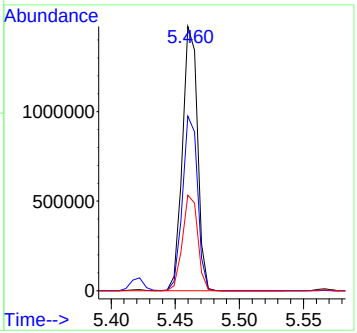


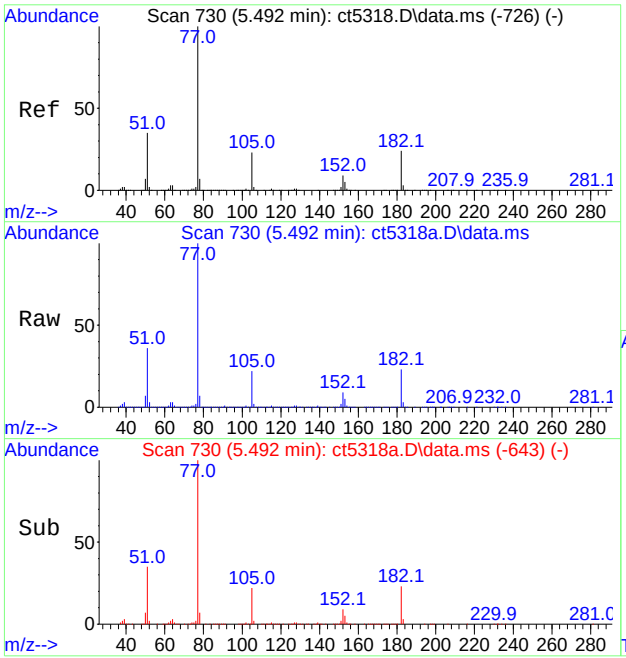


#71
n-Nitrosodiphenylamine
Concen: 44.1181 ppm
RT: 5.460 min Scan# 724
Delta R.T. -0.037 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:169 Resp: 1210061

Ion	Ratio	Lower	Upper
169	100		
168	66.0	36.0	96.0
167	36.1	6.2	66.2

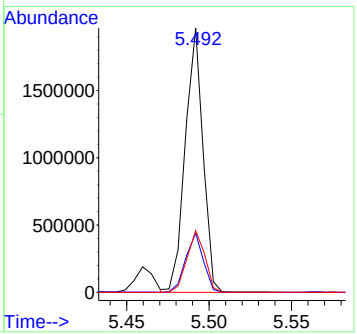


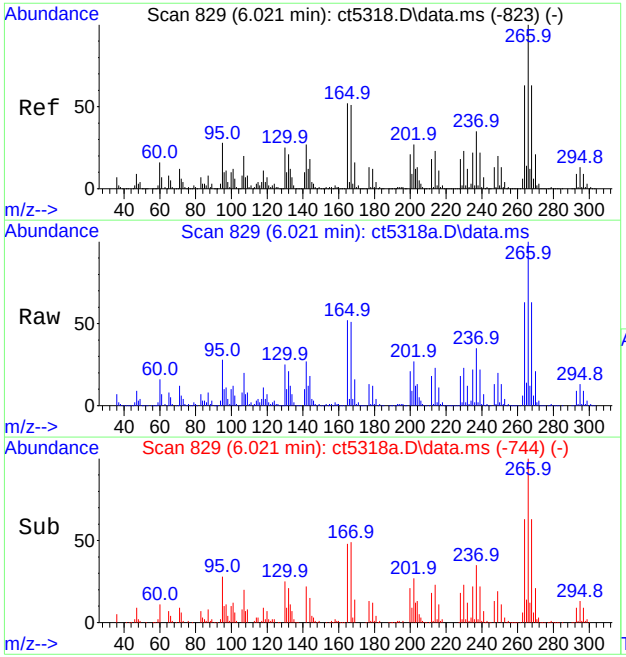


#72
1,2-Diphenylhydrazine
Concen: 41.8925 ppm
RT: 5.492 min Scan# 730
Delta R.T. -0.037 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 77 Resp: 1473427

Ion	Ratio	Lower	Upper
77	100		
105	22.5	0.0	51.9
182	23.5	0.0	51.0

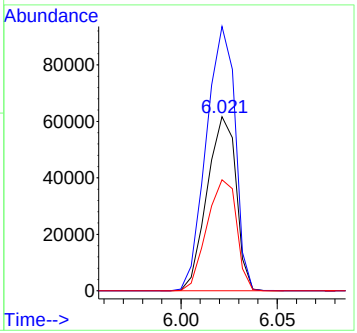


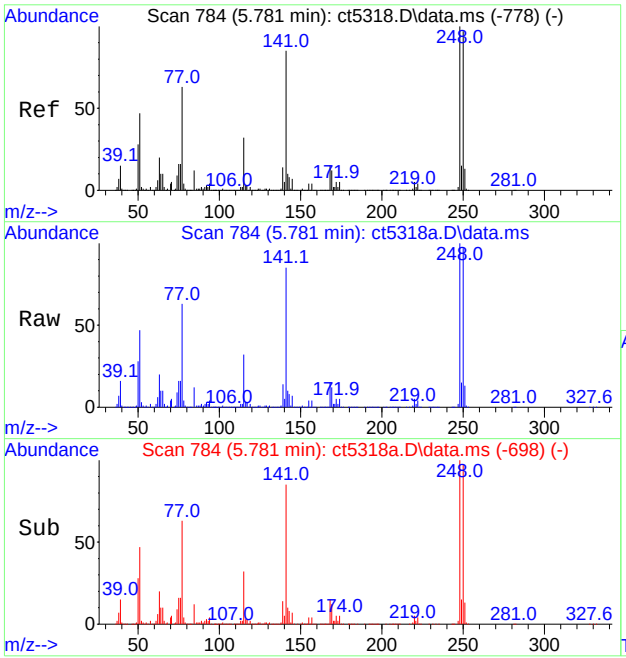


#73
pentachloronitrobenzene
Concen: 48.6508 ppm
RT: 6.021 min Scan# 829
Delta R.T. -0.043 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:295 Resp: 64853

Ion	Ratio	Lower	Upper
295	100		
249	151.6	121.8	182.8
297	65.2	51.7	77.5

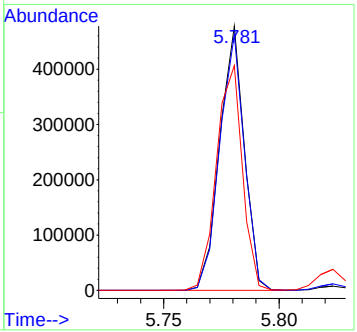


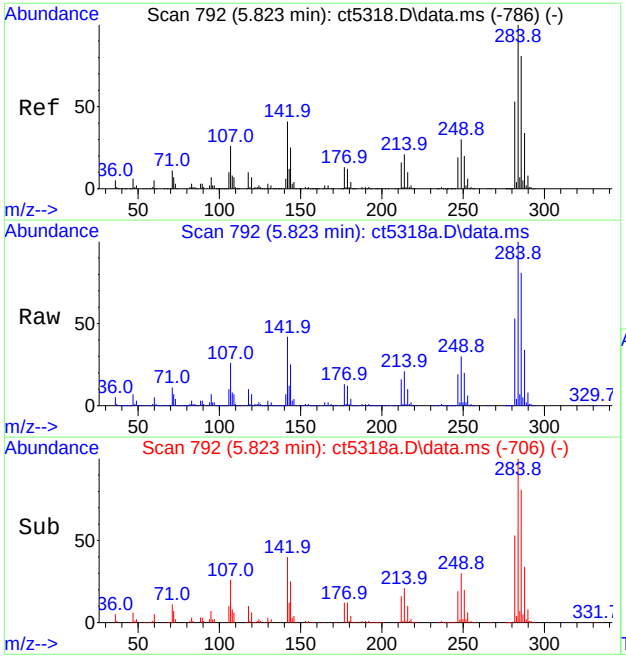


#75
4-Bromophenyl-phenylether
Concen: 46.3684 ppm
RT: 5.781 min Scan# 784
Delta R.T. -0.037 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:248 Resp: 354688

Ion	Ratio	Lower	Upper
248	100		
250	96.8	65.9	125.9
141	85.0	68.1	128.1

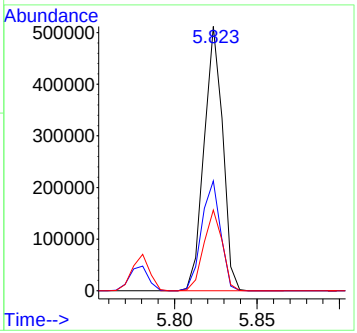


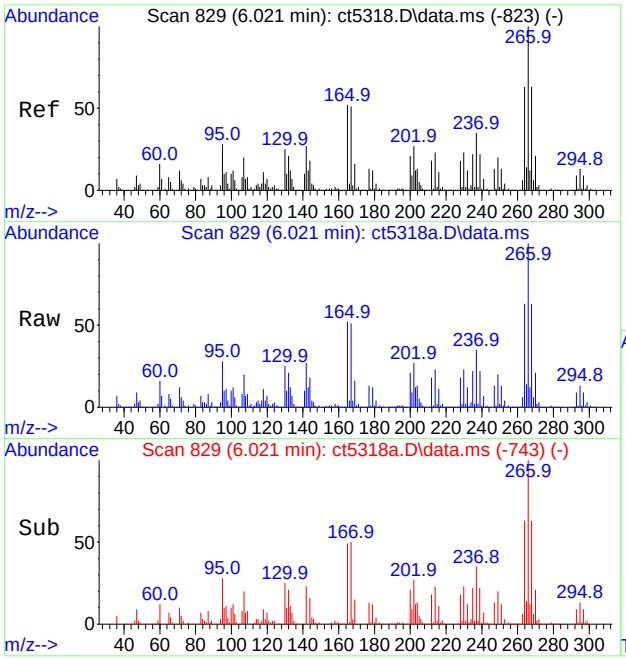


#76
Hexachlorobenzene
Concen: 46.4369 ppm
RT: 5.823 min Scan# 792
Delta R.T. -0.038 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:284 Resp: 403496

Ion	Ratio	Lower	Upper
284	100		
142	41.4	17.4	77.4
249	30.2	0.0	59.7

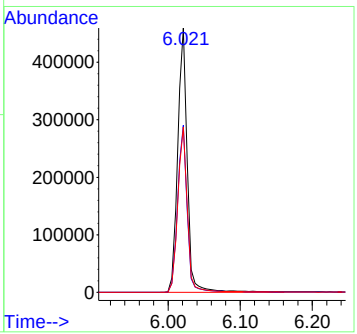


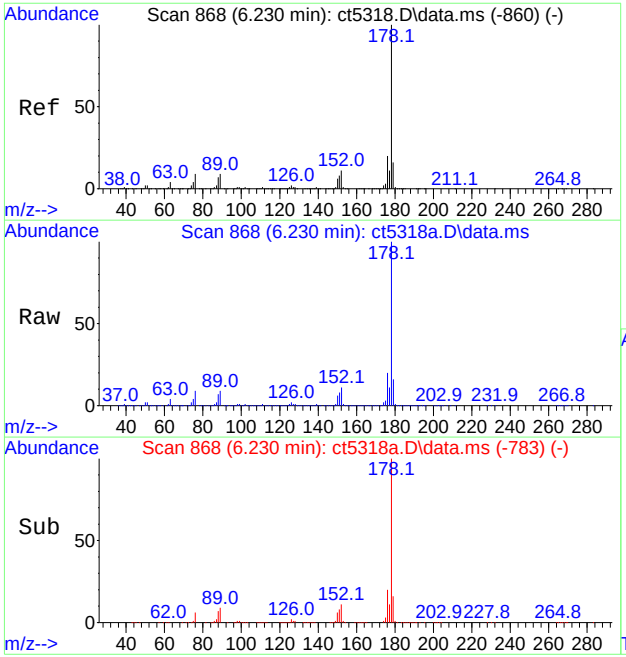


#77
Pentachlorophenol
Concen: 95.3612 ppm
RT: 6.021 min Scan# 829
Delta R.T. -0.038 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:266 Resp: 428296

Ion	Ratio	Lower	Upper
266	100		
264	63.2	32.9	92.9
268	62.6	33.4	93.4

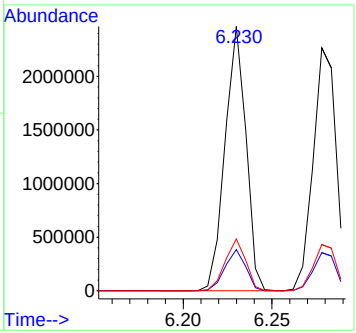


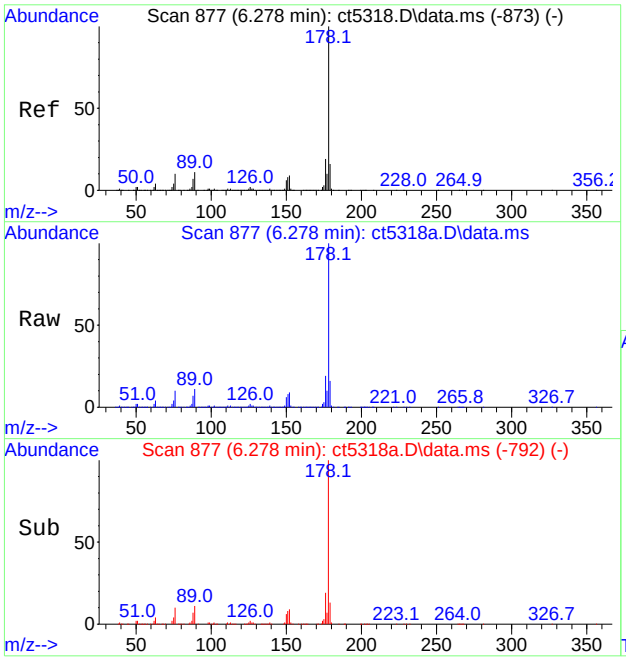


#78
Phenanthrene
Concen: 44.4766 ppm
RT: 6.230 min Scan# 868
Delta R.T. -0.043 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:178 Resp: 2019714

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	46.1
176	19.7	0.0	50.2

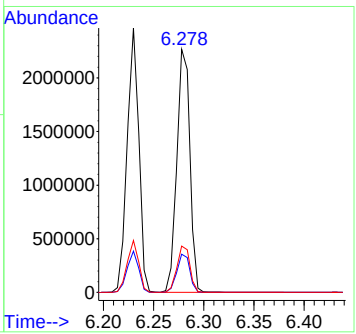


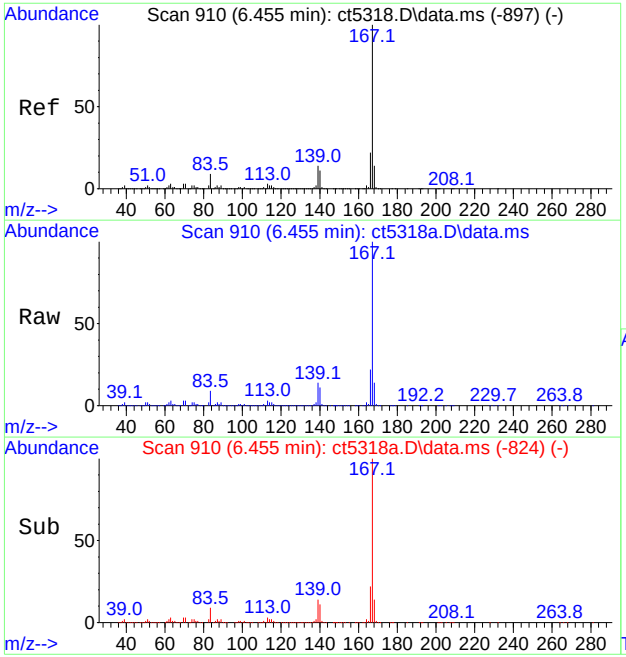


#79
Anthracene
Concen: 44.2489 ppm
RT: 6.278 min Scan# 877
Delta R.T. -0.043 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:178 Resp: 2035226

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	45.8
176	19.0	0.0	49.2

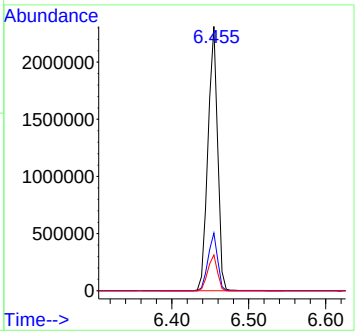


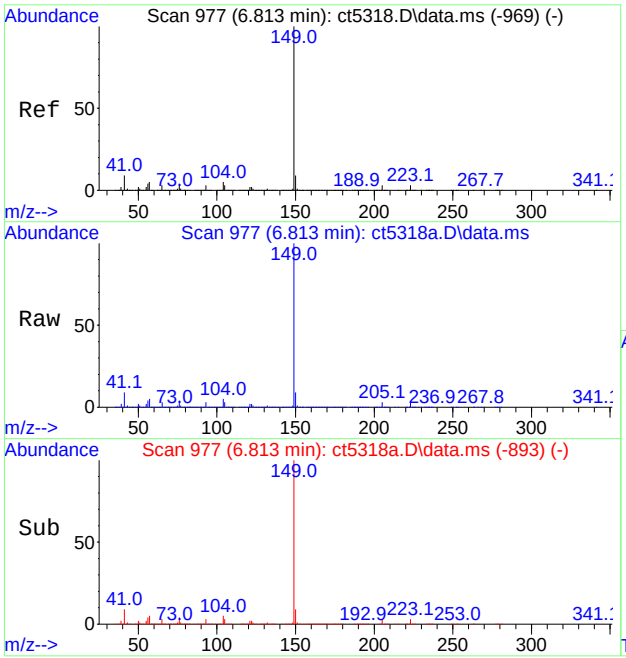


#80
Carbazole
Concen: 45.6136 ppm
RT: 6.455 min Scan# 910
Delta R.T. -0.042 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:167 Resp: 2020761

Ion	Ratio	Lower	Upper
167	100		
166	21.8	0.0	51.5
139	13.6	0.0	43.6

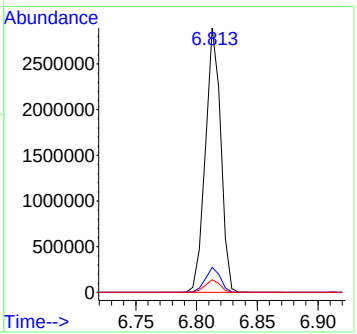


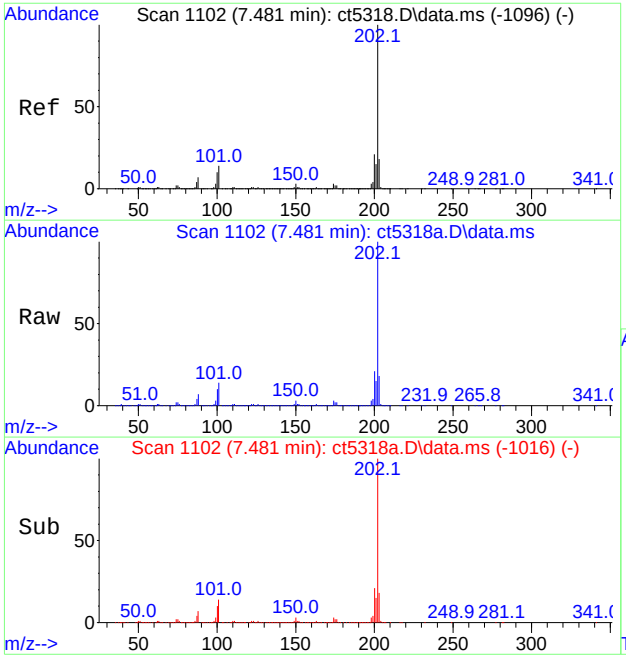


#81
Di-n-butylphthalate
Concen: 47.5788 ppm
RT: 6.813 min Scan# 977
Delta R.T. -0.048 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:149 Resp: 2550793

Ion	Ratio	Lower	Upper
149	100		
150	9.4	0.0	39.2
104	4.8	0.0	34.7

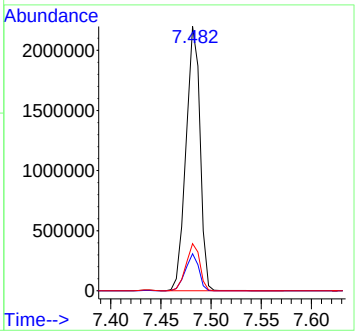


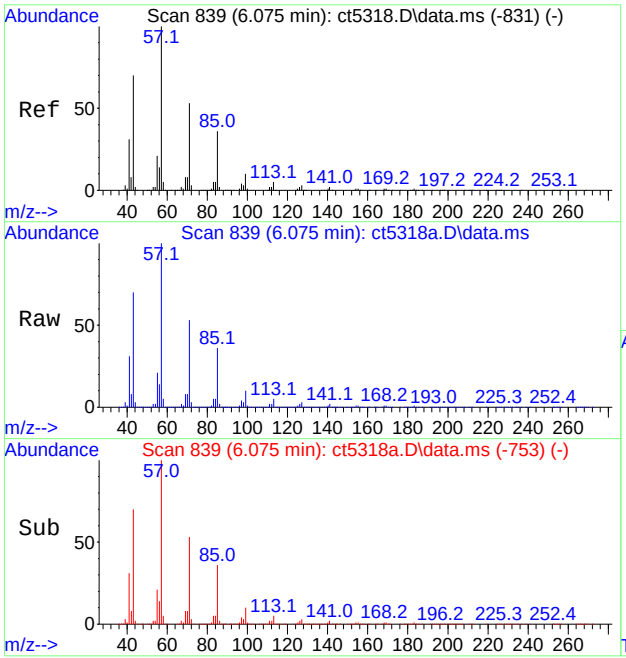


#82
Fluoranthene
Concen: 45.9884 ppm
RT: 7.481 min Scan# 1102
Delta R.T. -0.043 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:202 Resp: 2143753

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	45.1
203	17.8	0.0	47.9

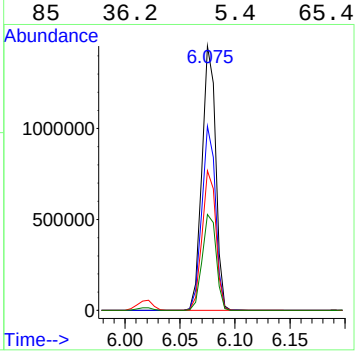


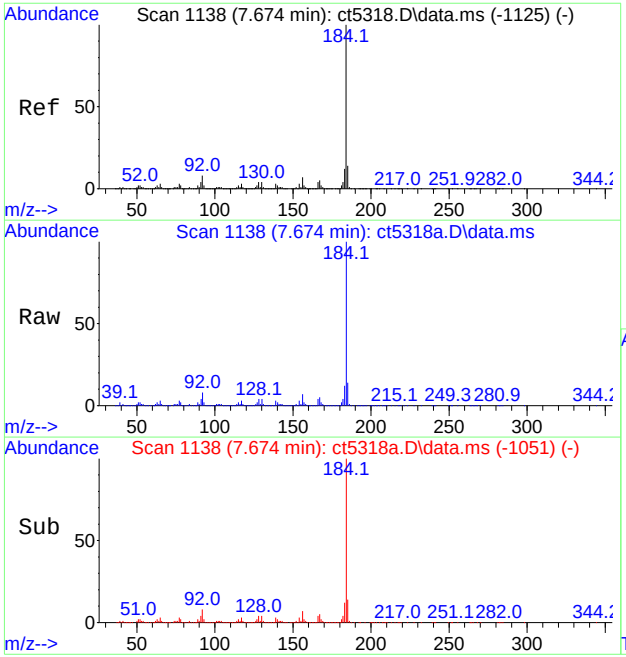


#83
Octadecane
Concen: 42.3339 ppm
RT: 6.075 min Scan# 839
Delta R.T. -0.042 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion: 57 Resp: 1265673

Ion	Ratio	Lower	Upper
57	100		
43	69.6	41.3	101.3
71	52.7	22.1	82.1
85	36.2	5.4	65.4

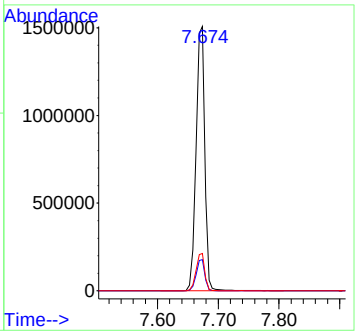


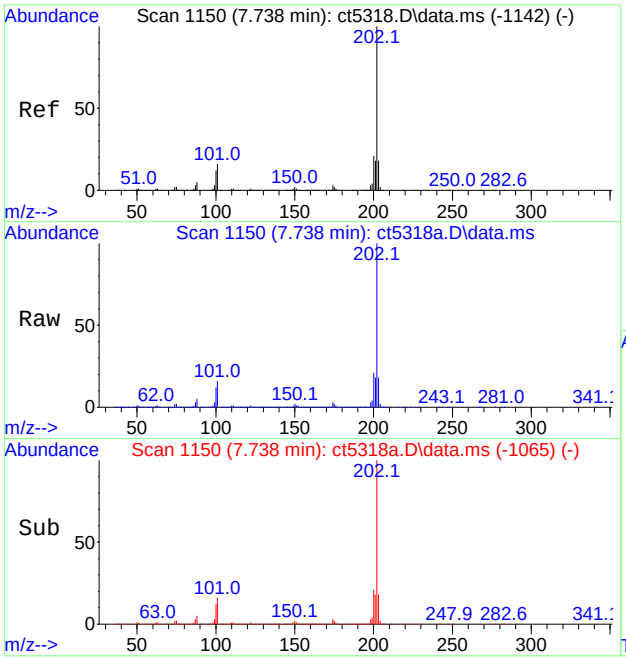


#85
benzidine
Concen: 49.6446 ppm
RT: 7.674 min Scan# 1138
Delta R.T. -0.037 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:184 Resp: 1506781

Ion	Ratio	Lower	Upper
184	100		
183	11.6	9.1	13.7
185	14.0	11.1	16.7

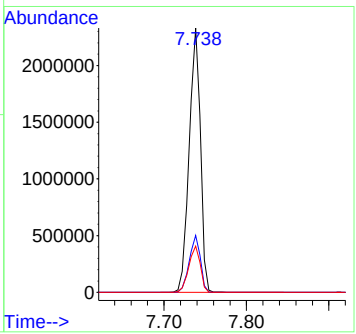


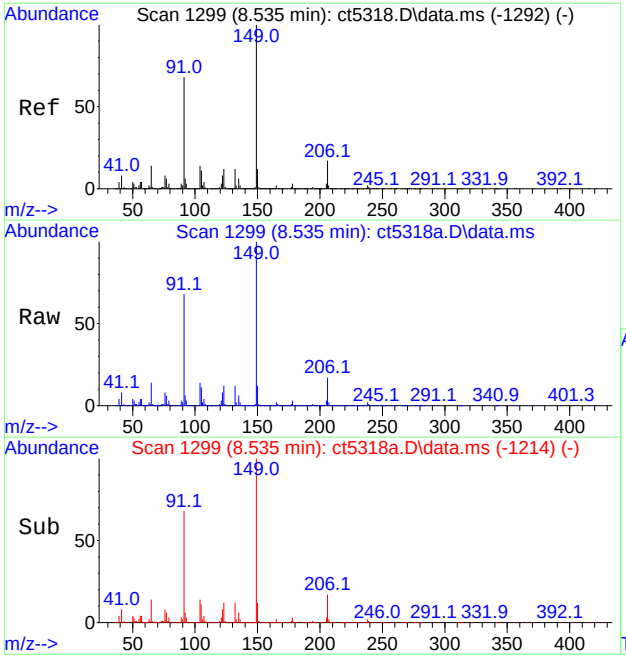


#86
Pyrene
Concen: 47.0547 ppm
RT: 7.738 min Scan# 1150
Delta R.T. -0.043 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:202 Resp: 2215120

Ion	Ratio	Lower	Upper
202	100		
200	21.5	0.0	51.5
203	17.5	0.0	47.8

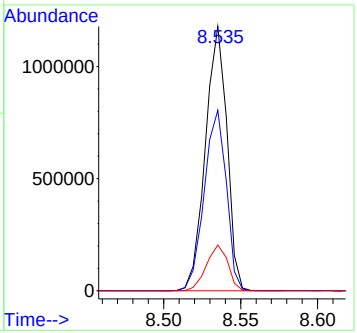


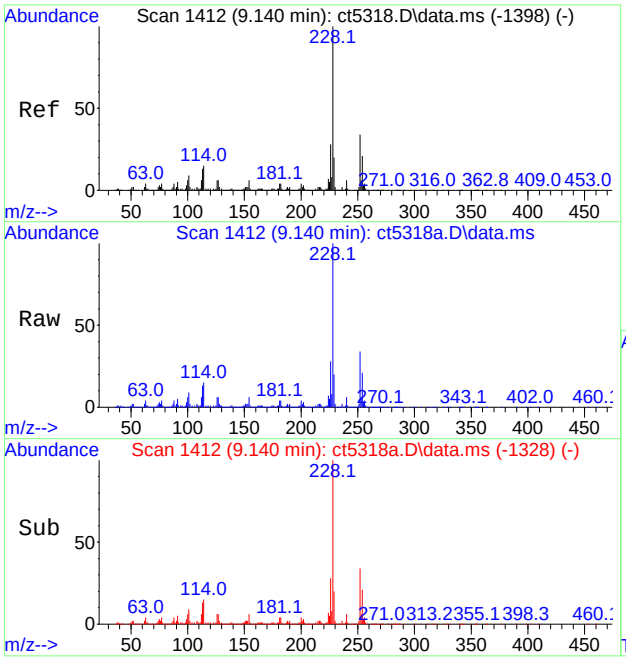


#88
Butylbenzylphthalate
Concen: 49.5193 ppm
RT: 8.535 min Scan# 1299
Delta R.T. -0.048 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:149 Resp: 1149457

Ion	Ratio	Lower	Upper
149	100		
91	68.2	39.4	99.4
206	17.3	0.0	46.7

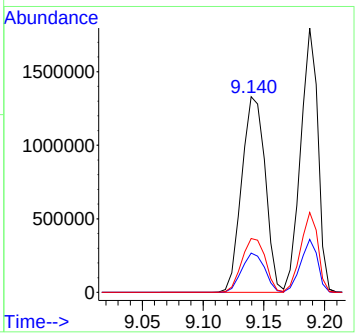


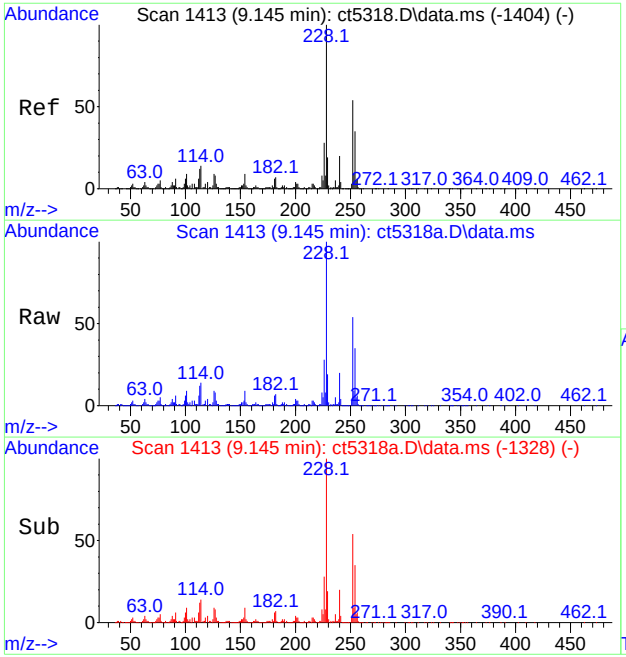


#89
Benzo[a]anthracene
Concen: 46.8951 ppm
RT: 9.140 min Scan# 1412
Delta R.T. -0.048 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:228 Resp: 1793941

Ion	Ratio	Lower	Upper
228	100		
229	20.0	0.0	50.1
226	27.5	0.0	58.2

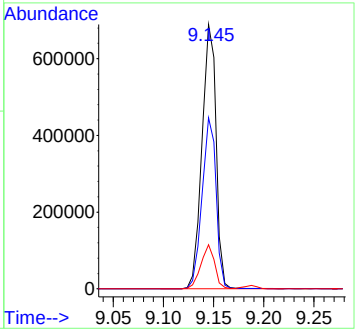


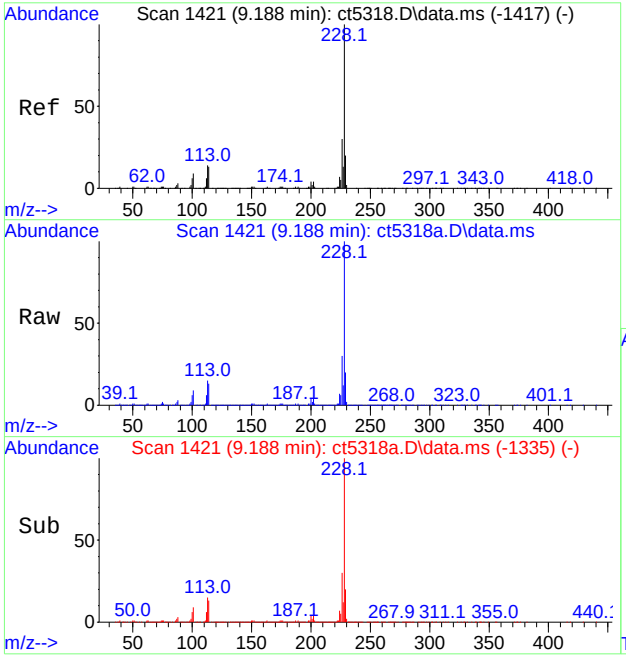


#90
3,3'-Dichlorobenzidine
Concen: 50.3034 ppm
RT: 9.145 min Scan# 1413
Delta R.T. -0.043 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:252 Resp: 677700

Ion	Ratio	Lower	Upper
252	100		
254	64.7	33.8	93.8
126	16.6	0.0	47.4

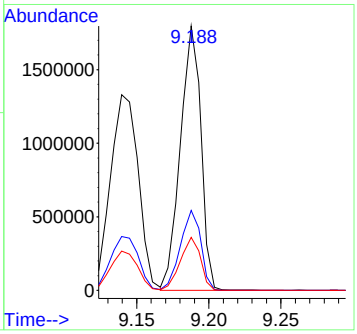


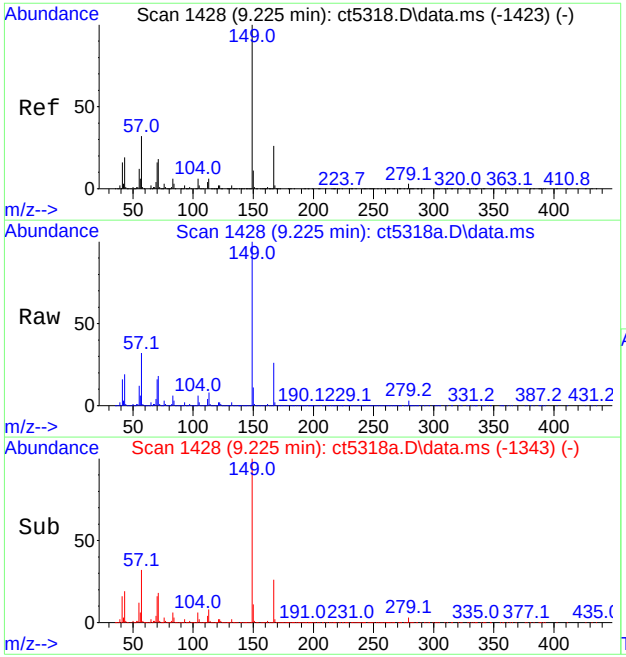


#91
Chrysene
Concen: 45.0221 ppm
RT: 9.188 min Scan# 1421
Delta R.T. -0.042 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:228 Resp: 1782374

Ion	Ratio	Lower	Upper
228	100		
226	30.2	0.6	60.6
229	20.0	0.0	49.6

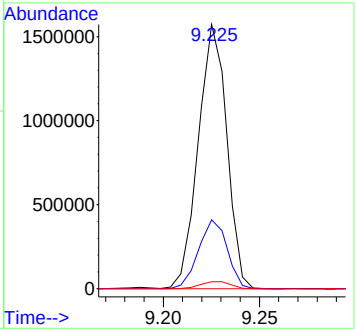


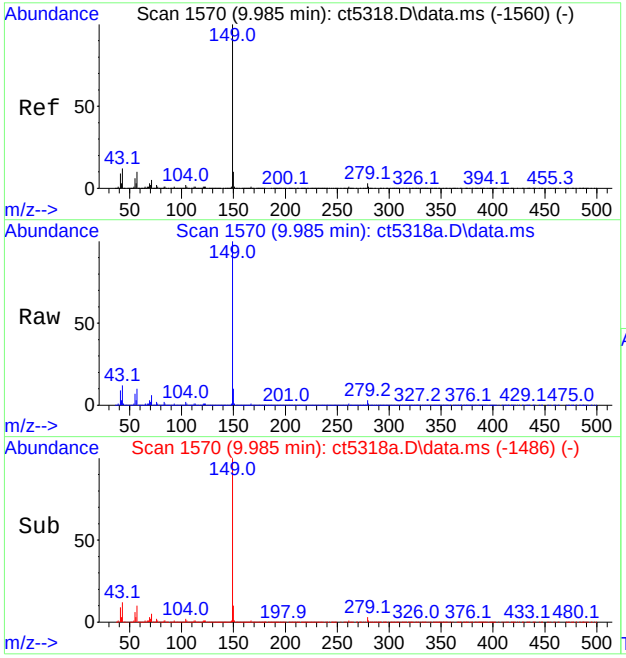


#92
bis(2-Ethylhexyl)phthalate
Concen: 50.0022 ppm
RT: 9.225 min Scan# 1428
Delta R.T. -0.048 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:149 Resp: 1622835

Ion	Ratio	Lower	Upper
149	100		
167	26.1	0.0	56.2
279	2.7	0.0	32.9

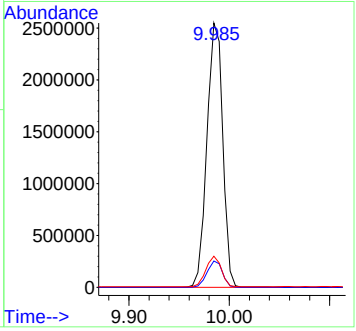


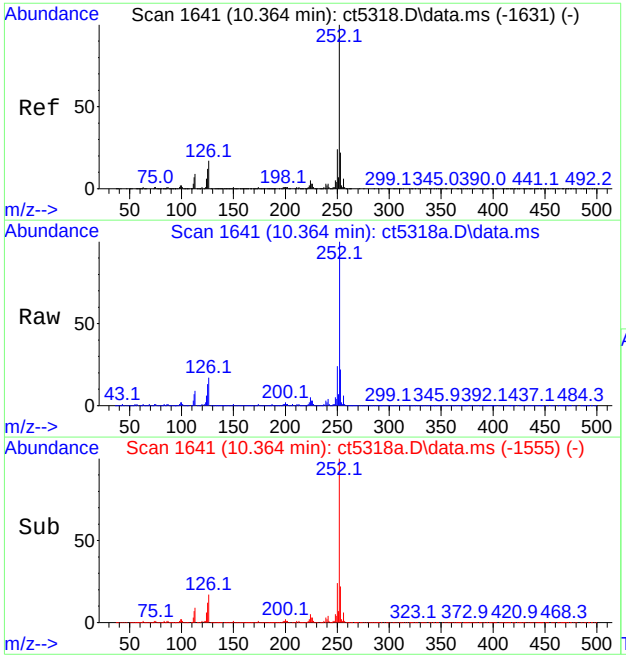


#94
Di-n-octylphthalate
Concen: 50.8197 ppm
RT: 9.985 min Scan# 1570
Delta R.T. -0.048 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:149 Resp: 2780338

Ion	Ratio	Lower	Upper
149	100		
150	10.0	0.0	40.0
43	11.5	0.0	42.5

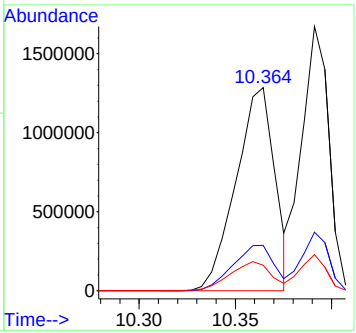


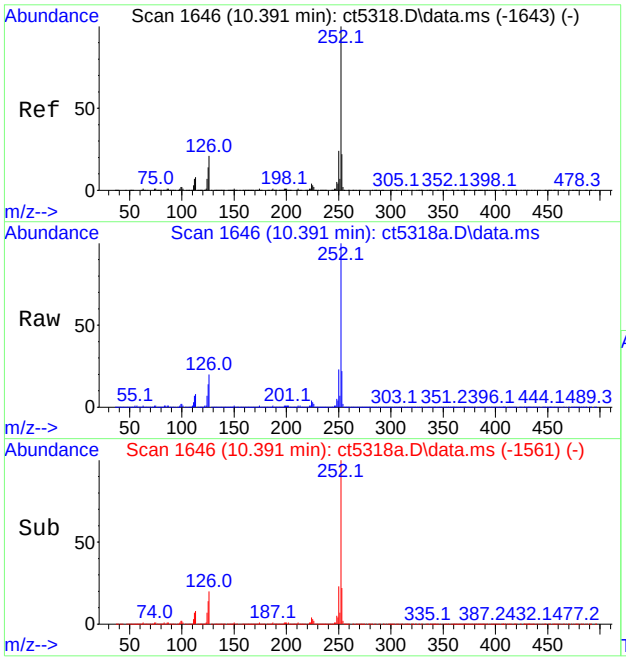


#95
Benzo[b]fluoranthene
Concen: 47.0112 ppm
RT: 10.364 min Scan# 1641
Delta R.T. -0.043 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:252 Resp: 1805618

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	53.2
125	12.3	0.0	44.2

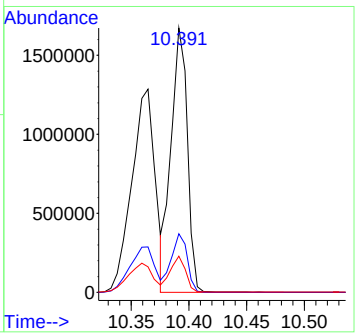


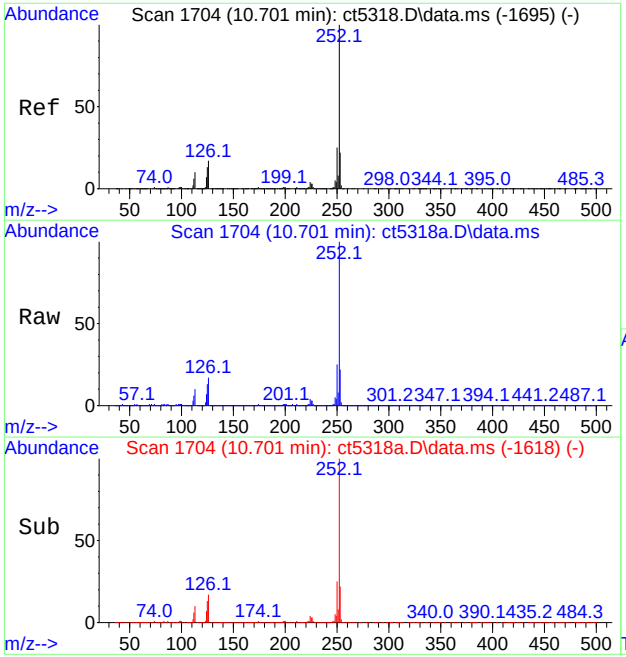


#96
Benzo[k]fluoranthene
Concen: 43.0489 ppm
RT: 10.391 min Scan# 1646
Delta R.T. -0.043 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:252 Resp: 1650938

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	52.5
125	13.7	0.0	45.1

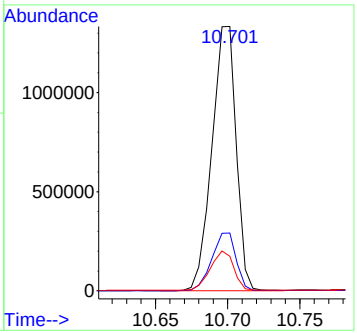


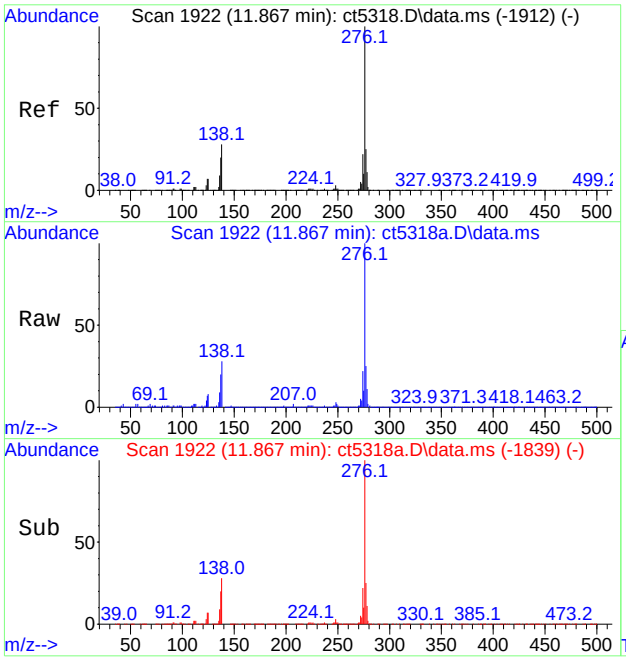


#97
Benzo[a]pyrene
Concen: 45.6646 ppm
RT: 10.701 min Scan# 1704
Delta R.T. -0.043 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:252 Resp: 1553668

Ion	Ratio	Lower	Upper
252	100		
253	21.8	0.0	52.4
125	12.8	0.0	44.9

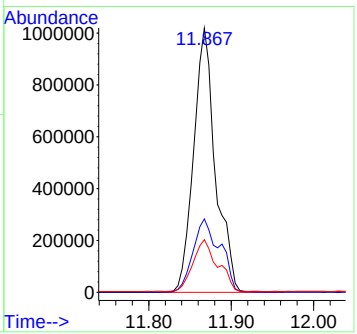


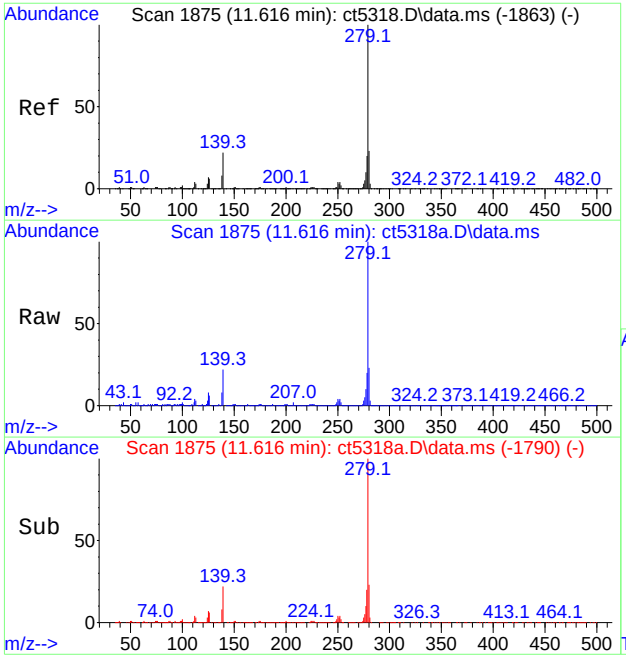


#98
Indeno[1,2,3-cd]pyrene
Concen: 45.0230 ppm
RT: 11.867 min Scan# 1922
Delta R.T. -0.054 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:276 Resp: 1872844

Ion	Ratio	Lower	Upper
276	100		
138	27.7	0.0	59.2
137	19.5	0.0	50.7

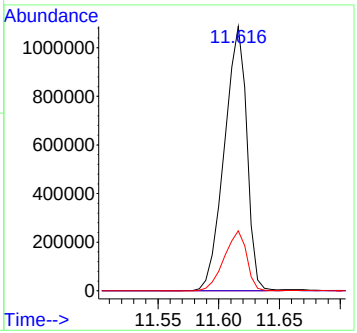


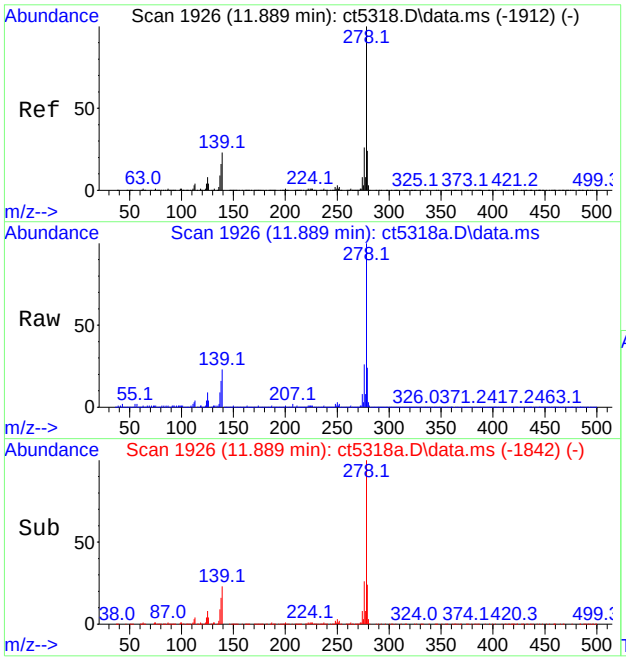


#99
Dibenz(a,h)acridine
Concen: 49.7242 ppm
RT: 11.616 min Scan# 1875
Delta R.T. -0.048 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:279 Resp: 1399332

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.7	0.0	53.2

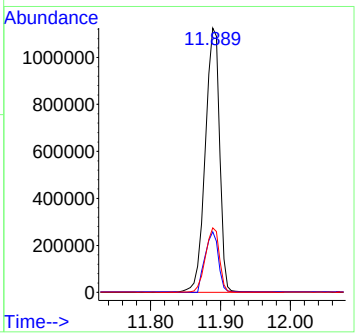


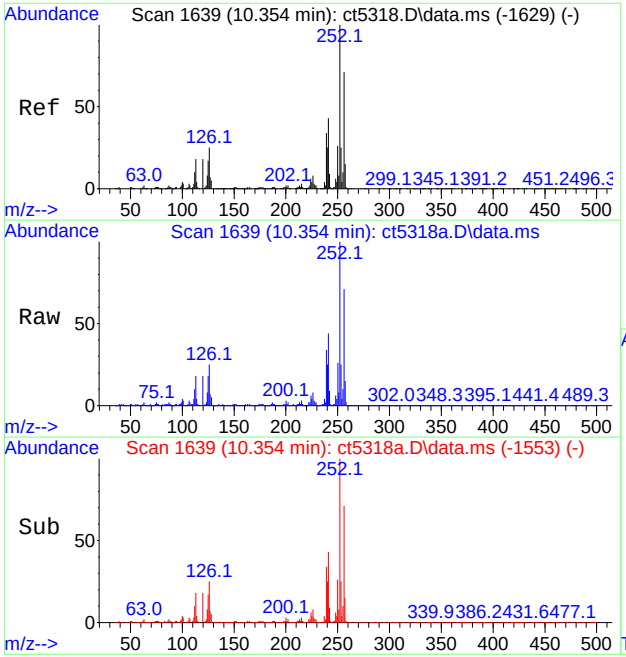


#100
Dibenz[a,h]anthracene
Concen: 48.5186 ppm
RT: 11.889 min Scan# 1926
Delta R.T. -0.053 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:278 Resp: 1606354

Ion	Ratio	Lower	Upper
278	100		
139	22.7	0.0	53.3
279	24.4	0.0	53.8

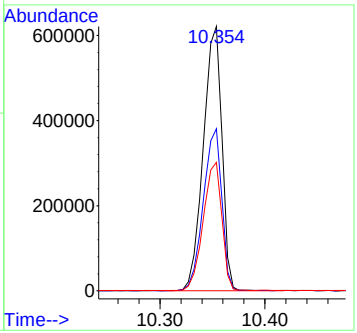


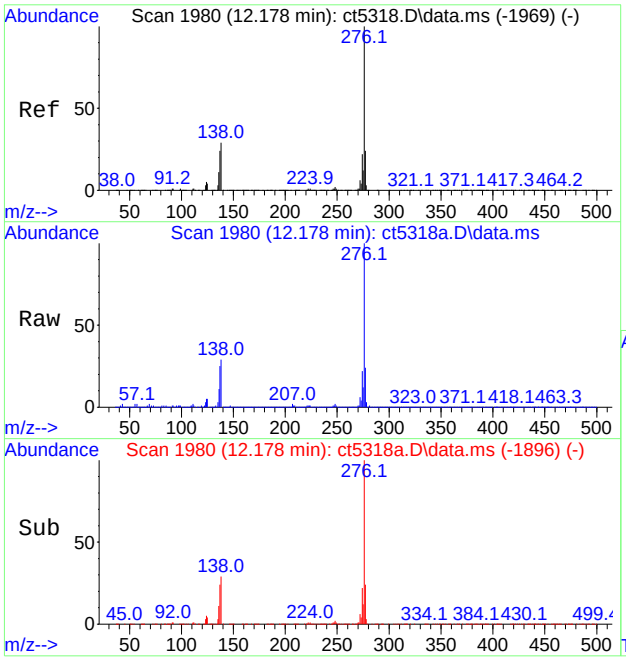


#101
7,12-Dimethylbenz(a)anthracene
Concen: 46.8011 ppm
RT: 10.354 min Scan# 1639
Delta R.T. -0.042 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:256 Resp: 764525

Ion	Ratio	Lower	Upper
256	100		
241	61.2	32.2	92.2
239	48.4	19.8	79.8

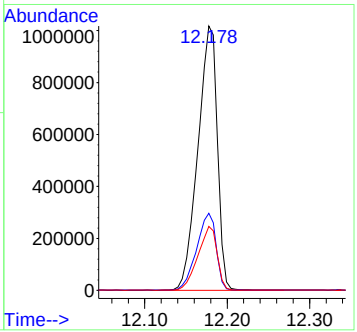




#102
Benzo[g,h,i]perylene
Concen: 50.1216 ppm
RT: 12.178 min Scan# 1980
Delta R.T. -0.053 min
Lab File: ct5318a.D
Acq: 20 Feb 2024 10:25 am

Tgt Ion:276 Resp: 1665564

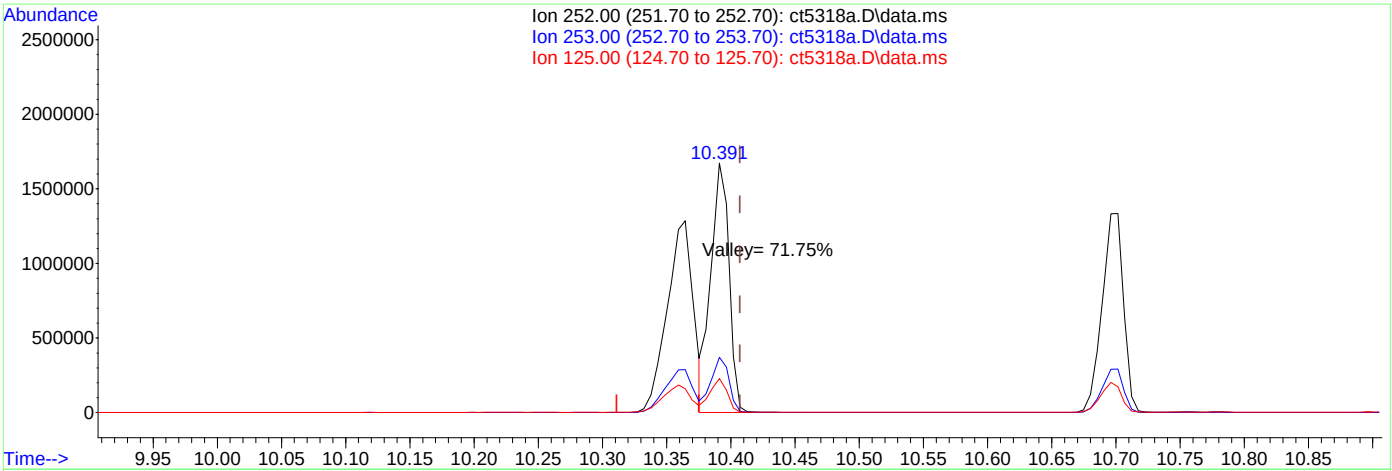
Ion	Ratio	Lower	Upper
276	100		
138	29.1	1.8	61.8
277	24.1	0.0	53.9

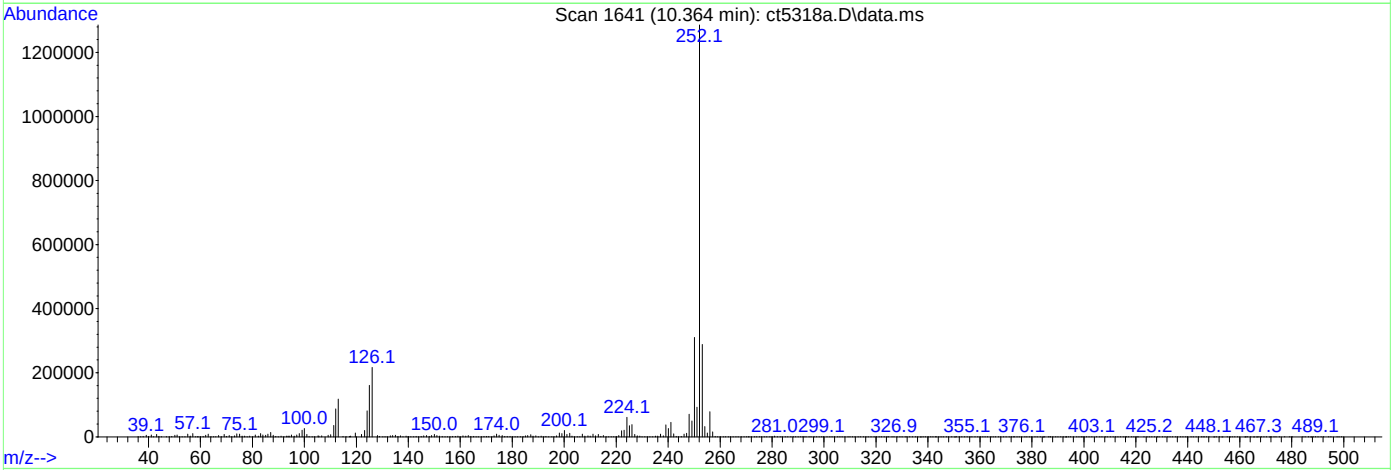


Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5318a.D
Acq On : 20 Feb 2024 10:25 am
Operator : karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op52522ect271,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 09:13:31 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Mon Feb 19 06:44:45 2024
Response via : Initial Calibration





TIC: ct5318a.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.364min (-0.043) 47.01ppm

response 1805618

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	22.54
125.00	14.20	12.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5319a.D
Acq On : 20 Feb 2024 10:45 am
Operator : karimam
Sample : cc267-50 Inst : GCMS_CT
Misc : op52522,ect271,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 21 09:12:18 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Mon Feb 19 06:44:45 2024
Response via : Initial Calibration

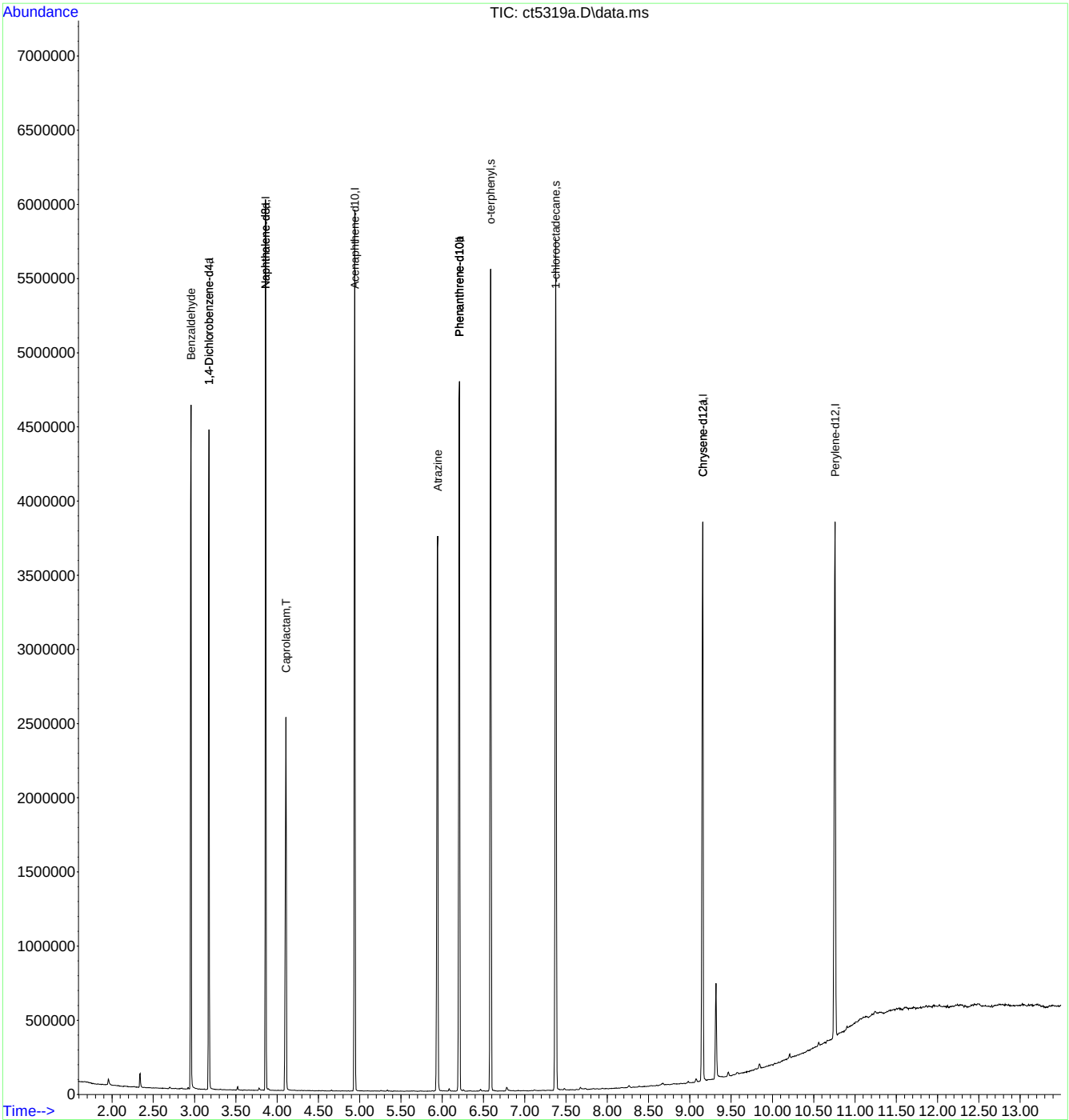
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.176	152	488727	40.00	ppm	-0.03
24) Naphthalene-d8	3.860	136	1814576	40.00	ppm	-0.03
46) Acenaphthene-d10	4.941	164	998807	40.00	ppm	-0.03
69) Phenanthrene-d10	6.208	188	1757308	40.00	ppm	-0.04
84) Chrysene-d12	9.156	240	1332936	40.00	ppm	-0.05
93) Perylene-d12	10.760	264	1353485	40.00	ppm	-0.04
103) 1,4-Dichlorobenzene-d4a	3.176	152	488727	40.00	ppm	-0.03
105) Phenanthrene-d10a	6.208	188	1757308	40.00	ppm	-0.04
107) Naphthalene-d8a	3.860	136	1814576	40.00	ppm	-0.03
109) Phenanthrene-d10b	6.208	188	1757308	40.00	ppm	-0.04
112) Chrysene-d12a	9.156	240	1332936	40.00	ppm	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
110) 1-chlorooctadecane	7.374	57	920339	48.11	ppm	-0.05
Spiked Amount 50.000			Recovery =	96.22%		
111) o-terphenyl	6.588	230	953166	50.45	ppm	-0.05
Spiked Amount 50.000			Recovery =	100.90%		
Target Compounds						Qvalue
104) Benzaldehyde	2.956	105	650446	47.8516	ppm	93
106) Atrazine	5.946	215	192092	54.5090	ppm #	82
108) Caprolactam	4.106	55	437228	44.9113	ppm	97

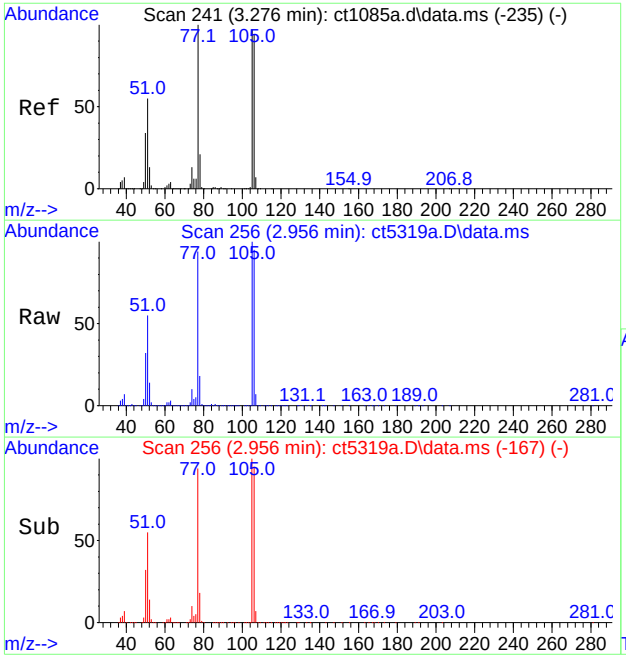
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5319a.D
Acq On : 20 Feb 2024 10:45 am
Operator : karimam
Sample : cc267-50 Inst : GCMS_CT
Misc : op52522,ect271,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 21 09:12:18 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Mon Feb 19 06:44:45 2024
Response via : Initial Calibration

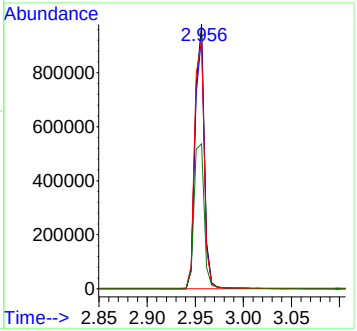


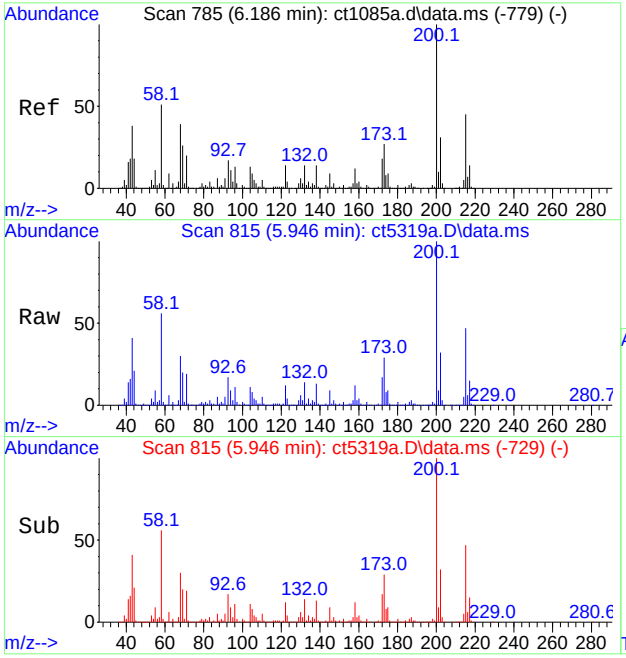


#104
Benzaldehyde
Concen: 47.8516 ppm
RT: 2.956 min Scan# 256
Delta R.T. -0.027 min
Lab File: ct5319a.D
Acq: 20 Feb 2024 10:45 am

Tgt Ion:105 Resp: 650446

Ion	Ratio	Lower	Upper
105	100		
106	95.3	66.0	126.0
77	94.1	72.4	132.4
51	54.6	35.7	95.7

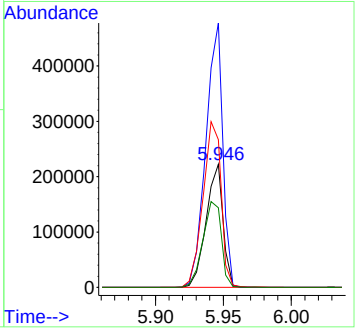


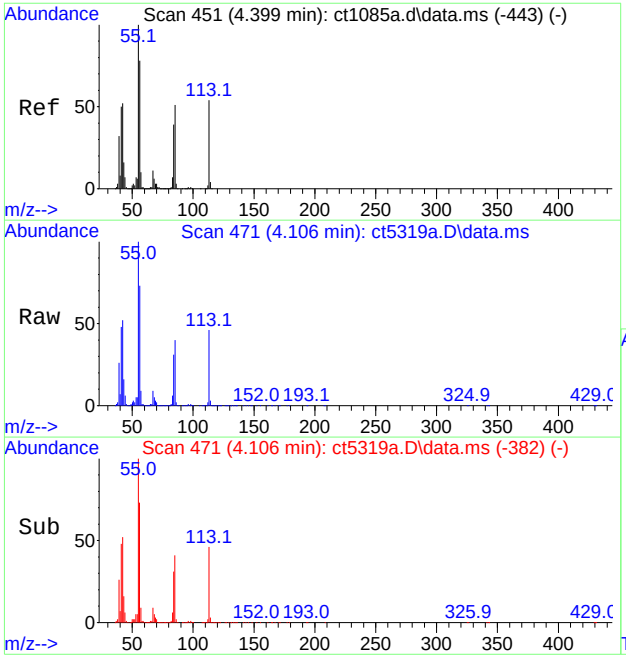


#106
Atrazine
Concen: 54.5090 ppm
RT: 5.946 min Scan# 815
Delta R.T. -0.038 min
Lab File: ct5319a.D
Acq: 20 Feb 2024 10:45 am

Tgt Ion:215 Resp: 192092

Ion	Ratio	Lower	Upper
215	100		
200	214.9	187.6	247.6
58	120.1	137.4	197.4#
68	64.7	56.9	116.9

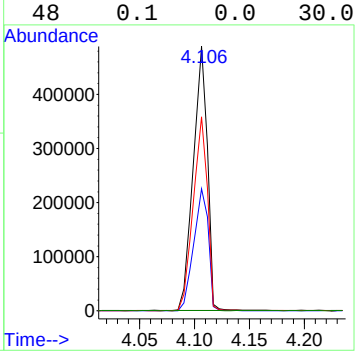




#108
Caprolactam
Concen: 44.9113 ppm
RT: 4.106 min Scan# 471
Delta R.T. -0.027 min
Lab File: ct5319a.D
Acq: 20 Feb 2024 10:45 am

Tgt Ion: 55 Resp: 437228

Ion	Ratio	Lower	Upper
55	100		
113	46.1	13.1	73.1
56	73.3	42.2	102.2
48	0.1	0.0	30.0



7.6.22

7

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5321a.D
Acq On : 20 Feb 2024 11:26 am
Operator : karimam
Sample : cc266-1 Inst : GCMS_CT
Misc : op51652,ect271,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 21 09:31:16 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 09:16:30 2024
Response via : Initial Calibration

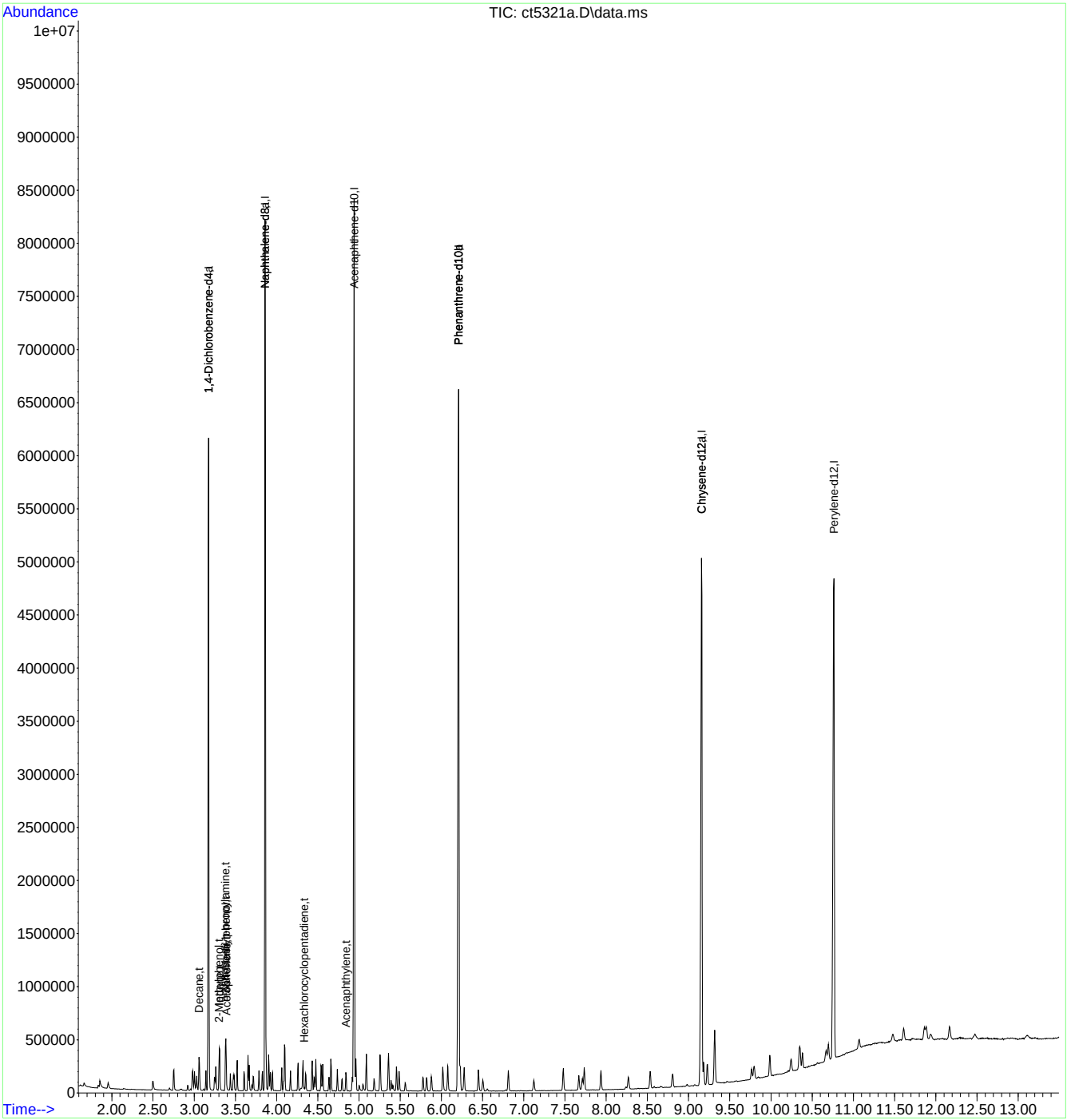
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.176	152	674721	40.00	ppm	0.00
24) Naphthalene-d8	3.860	136	2457496	40.00	ppm	0.00
46) Acenaphthene-d10	4.941	164	1340779	40.00	ppm	0.00
69) Phenanthrene-d10	6.208	188	2393941	40.00	ppm	0.00
84) Chrysene-d12	9.155	240	1838933	40.00	ppm	0.00
93) Perylene-d12	10.765	264	1885860	40.00	ppm	0.01
103) 1,4-Dichlorobenzene-d4a	3.176	152	674721	40.00	ppm	0.00
105) Phenanthrene-d10a	6.208	188	2393941	40.00	ppm	0.00
107) Naphthalene-d8a	3.860	136	2457496	40.00	ppm	0.00
109) Phenanthrene-d10b	6.208	188	2393941	40.00	ppm	0.00
112) Chrysene-d12a	9.155	240	1838933	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
74) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
110) 1-chlorooctadecane	0.000	57	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
6) Indene	3.309	116	43151	1.1052	ppm	99
13) Decane	3.058	43	37686	1.0927	ppm	94
18) Acetophenone	3.390	105	37926	1.1435	ppm	93
19) 2-Methylphenol	3.299	108	24623	1.0991	ppm	99
21) 3&4-Methylphenol	3.384	108	50603	2.3674	ppm	100
22) n-Nitroso-di-n-propyla...	3.379	70	17395	1.0904	ppm	91
47) Hexachlorocyclopentadiene	4.336	237	2049	0.2481	ppm	99
56) Acenaphthylene	4.839	152	59130	0.9658	ppm	98

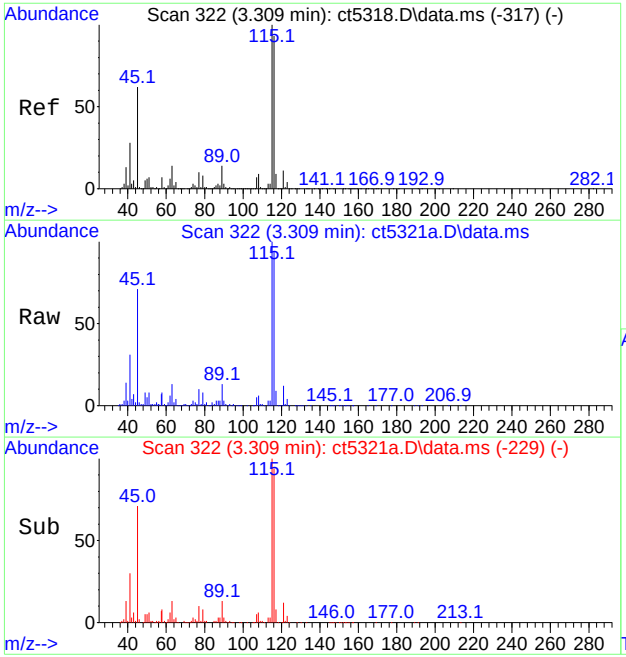
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\nerirose\ect271\
Data File : ct5321a.D
Acq On : 20 Feb 2024 11:26 am
Operator : karimam
Sample : cc266-1 Inst : GCMS_CT
Misc : op51652,ect271,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 21 09:31:16 2024
Quant Method : X:\Dayton SVOA GCMS\nerirose\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 09:16:30 2024
Response via : Initial Calibration

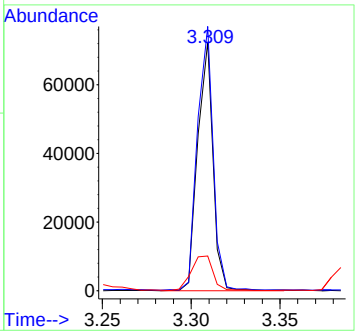


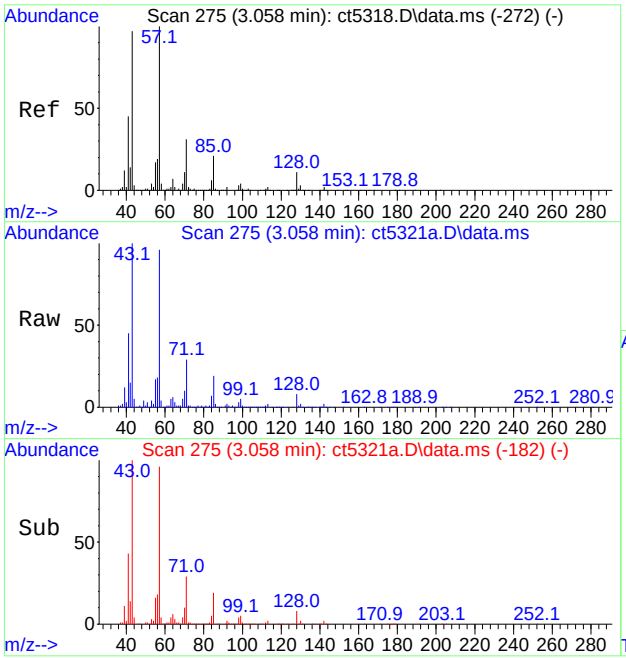


#6
Indene
Concen: 1.1052 ppm
RT: 3.309 min Scan# 322
Delta R.T. -0.000 min
Lab File: ct5321a.D
Acq: 20 Feb 2024 11:26 am

Tgt Ion:116 Resp: 43151

Ion	Ratio	Lower	Upper
116	100		
115	106.0	77.2	137.2
63	13.8	0.0	44.6

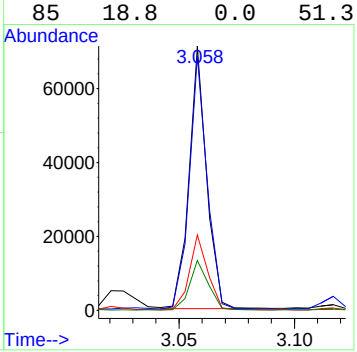


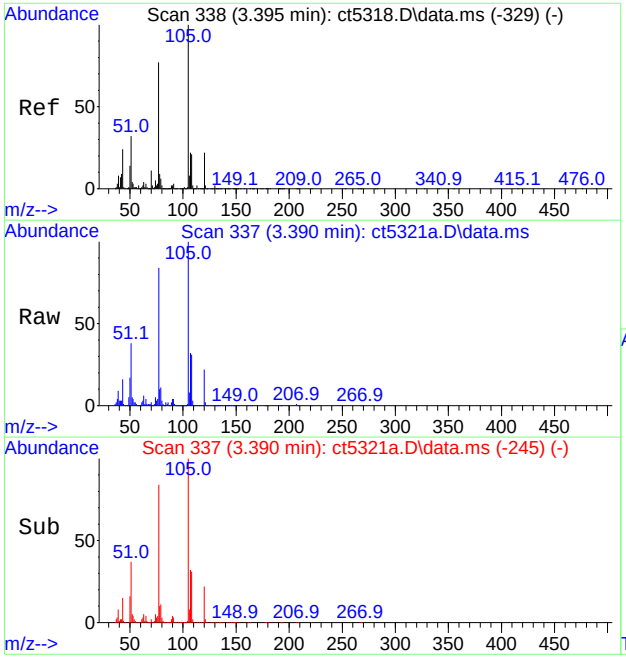


#13
Decane
Concen: 1.0927 ppm
RT: 3.058 min Scan# 275
Delta R.T. -0.000 min
Lab File: ct5321a.D
Acq: 20 Feb 2024 11:26 am

Tgt Ion: 43 Resp: 37686

Ion	Ratio	Lower	Upper
43	100		
57	96.6	72.6	132.6
71	28.5	2.1	62.1
85	18.8	0.0	51.3

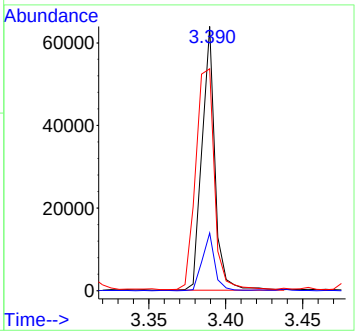


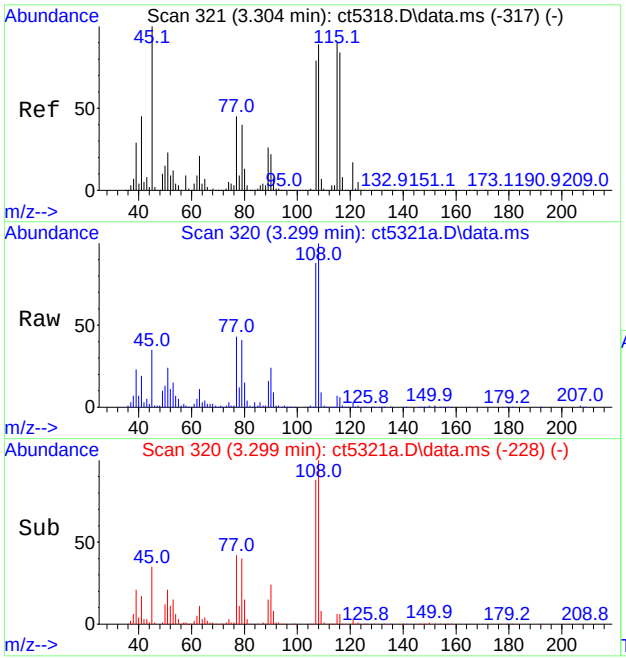


#18
Acetophenone
Concen: 1.1435 ppm
RT: 3.390 min Scan# 337
Delta R.T. -0.006 min
Lab File: ct5321a.D
Acq: 20 Feb 2024 11:26 am

Tgt Ion:105 Resp: 37926

Ion	Ratio	Lower	Upper
105	100		
120	21.5	0.0	52.2
77	83.5	46.6	106.6

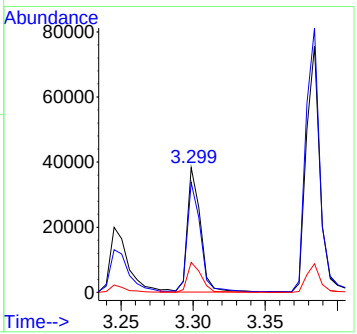




#19
2-Methylphenol
Concen: 1.0991 ppm
RT: 3.299 min Scan# 320
Delta R.T. -0.006 min
Lab File: ct5321a.D
Acq: 20 Feb 2024 11:26 am

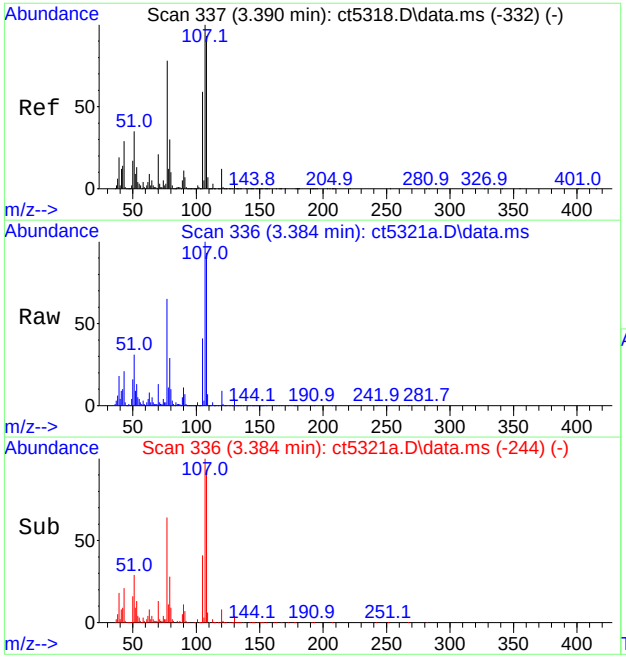
Tgt Ion:108 Resp: 24623

Ion	Ratio	Lower	Upper
108	100		
107	88.4	57.8	117.8
90	24.3	0.0	54.5



7.6.23

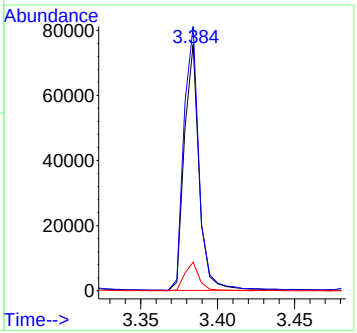
7

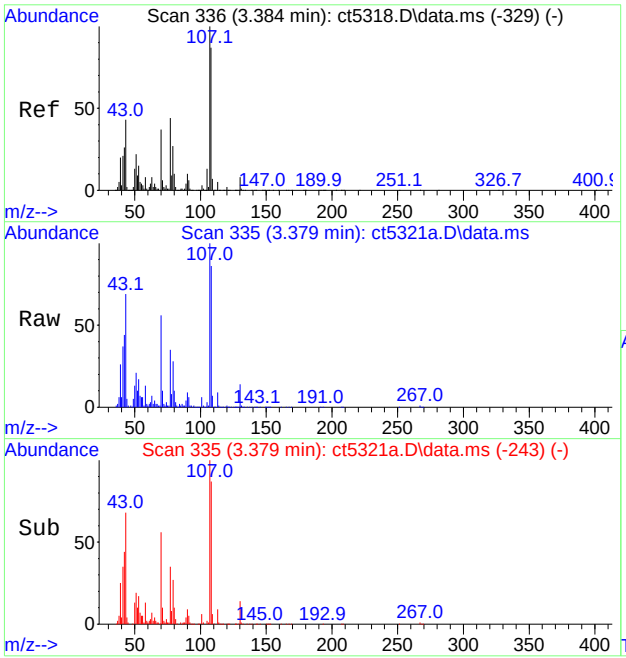


#21
3&4-Methylphenol
Concen: 2.3674 ppm
RT: 3.384 min Scan# 336
Delta R.T. -0.006 min
Lab File: ct5321a.D
Acq: 20 Feb 2024 11:26 am

Tgt Ion:108 Resp: 50603

Ion	Ratio	Lower	Upper
108	100		
107	107.2	77.5	137.5
90	11.6	0.0	41.6

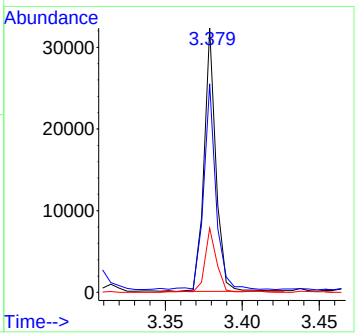


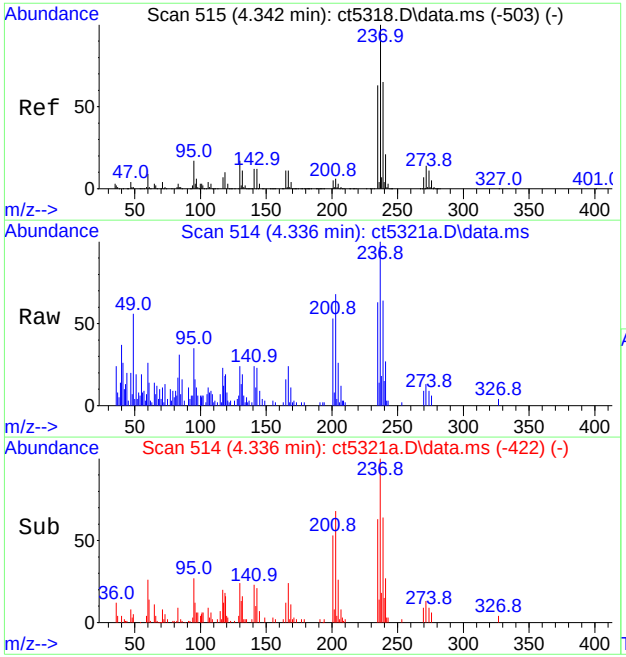


#22
n-Nitroso-di-n-propylamine
Concen: 1.0904 ppm
RT: 3.379 min Scan# 335
Delta R.T. -0.006 min
Lab File: ct5321a.D
Acq: 20 Feb 2024 11:26 am

Tgt Ion: 70 Resp: 17395

Ion	Ratio	Lower	Upper
70	100		
42	77.9	40.7	100.7
130	24.4	0.0	50.6

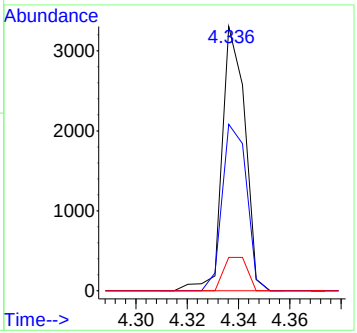


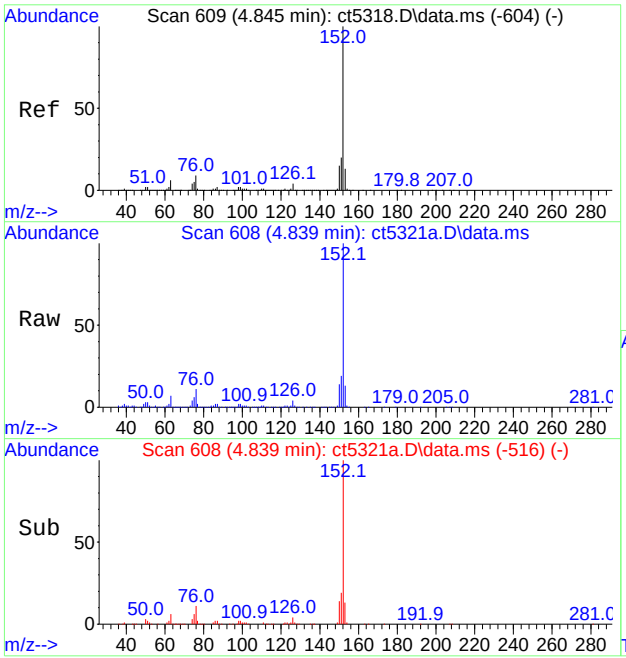


#47
Hexachlorocyclopentadiene
Concen: 0.2481 ppm
RT: 4.336 min Scan# 514
Delta R.T. -0.006 min
Lab File: ct5321a.D
Acq: 20 Feb 2024 11:26 am

Tgt Ion:237 Resp: 2049

Ion	Ratio	Lower	Upper
237	100		
235	63.0	32.7	92.7
272	12.6	0.0	43.6

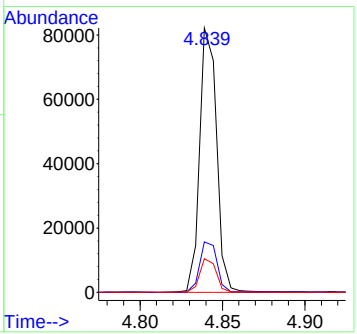




#56
Acenaphthylene
Concen: 0.9658 ppm
RT: 4.839 min Scan# 608
Delta R.T. -0.006 min
Lab File: ct5321a.D
Acq: 20 Feb 2024 11:26 am

Tgt Ion:152 Resp: 59130

Ion	Ratio	Lower	Upper
152	100		
151	19.1	0.0	50.0
153	12.7	0.0	43.3



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5357.D
Acq On : 21 Feb 2024 09:32 am
Operator : karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 17:14:22 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 17:10:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.165	152	500457	40.00	ppm	0.00
24) Naphthalene-d8	3.855	136	1925805	40.00	ppm	0.00
46) Acenaphthene-d10	4.925	164	1032047	40.00	ppm	0.00
69) Phenanthrene-d10	6.187	188	1797679	40.00	ppm	0.00
84) Chrysene-d12	9.140	240	1181499	40.00	ppm	0.00
93) Perylene-d12	10.739	264	1346731	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.165	152	500457	40.00	ppm	0.00
105) Phenanthrene-d10a	6.187	188	1797679	40.00	ppm	0.00
107) Naphthalene-d8a	3.855	136	1925805	40.00	ppm	0.00
109) Phenanthrene-d10b	6.187	188	1797679	40.00	ppm	0.00
112) Chrysene-d12a	9.140	240	1181499	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.486	112	859331	48.50	ppm	0.00
Spiked Amount 50.000			Recovery =	97.00%		
8) Phenol-d5	2.973	99	980498	45.94	ppm	0.00
Spiked Amount 50.000			Recovery =	91.88%		
25) Nitrobenzene-d5	3.465	82	919378	46.90	ppm	0.00
Spiked Amount 50.000			Recovery =	93.80%		
51) 2-Fluorobiphenyl	4.470	172	1495167	43.77	ppm	0.00
Spiked Amount 50.000			Recovery =	87.54%		
74) 2,4,6-Tribromophenol	5.551	330	203198	44.55	ppm	0.00
Spiked Amount 50.000			Recovery =	89.10%		
87) Terphenyl-d14	7.920	244	1629249	49.89	ppm	0.00
Spiked Amount 50.000			Recovery =	99.78%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) 1,4-Dioxane	1.641	88	326979	41.9720	ppm	97
3) Pyridine	1.828	79	920661	42.9559	ppm	99
4) N-Nitrosodimethylamine	1.812	74	481029	43.8552	ppm	97
6) Indene	3.299	116	1090567	37.6591	ppm	98
7) Cumene	2.737	105	1793004	48.5602	ppm	98
9) Phenol	2.983	94	1121029	49.9581	ppm	95
10) Aniline	2.999	93	1106953	37.9013	ppm	98
11) bis(2-Chloroethyl)ether	3.026	93	872979	47.7577	ppm	98
12) 2-Chlorophenol	3.058	128	835630	47.7492	ppm	98
13) Decane	3.047	43	1142372	44.6579	ppm	97
14) 1,3-Dichlorobenzene	3.133	146	891647	45.7060	ppm	100
15) 1,4-Dichlorobenzene	3.170	146	876834	45.2796	ppm	99
16) Benzyl alcohol	3.240	108	583362	47.8841	ppm	99
17) 1,2-Dichlorobenzene	3.251	146	850640	45.4108	ppm	99
18) Acetophenone	3.384	105	929343	37.7769	ppm #	71
19) 2-Methylphenol	3.299	108	628722	37.8351	ppm	98
20) 2,2'-oxybis(1-Chloropr...	3.299	121	207213	41.0995	ppm #	66
21) 3&4-Methylphenol	3.384	108	1210295	76.3373	ppm	99
22) n-Nitroso-di-n-propyla...	3.374	70	507524	42.8906	ppm	91
23) Hexachloroethane	3.427	201	289051	47.3347	ppm	96
26) Nitrobenzene	3.475	77	904370	45.4737	ppm	92
27) Quinoline	4.064	129	1570575	43.6446	ppm	99
28) Isophorone	3.604	82	1593352	44.8295	ppm	99
29) 2-Nitrophenol	3.646	139	414600	47.2155	ppm	82
30) 2,4-Dimethylphenol	3.663	107	829450	44.1021	ppm	96
31) Benzoic acid	3.743	105	661932	44.7299	ppm	98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5357.D
Acq On : 21 Feb 2024 09:32 am
Operator : karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 17:14:22 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 17:10:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) bis(2-Chloroethoxy)met...	3.711	93	999479	44.9732	ppm		100
33) 2,4-Dichlorophenol	3.780	162	652384	45.4852	ppm		95
34) 2,6-Dichlorophenol	3.898	162	600176	44.5128	ppm		98
35) 1,3,5-Trichlorobenzene	3.641	180	654913	43.5989	ppm		98
36) 1,2,4-Trichlorobenzene	3.818	180	661310	44.6328	ppm		98
37) 1,2,3-Trichlorobenzene	3.941	180	635408	44.0307	ppm		98
38) Naphthalene	3.866	128	2195477	43.2409	ppm		100
39) 4-Chloroaniline	3.898	127	746954	34.7935	ppm		98
40) 2,3-Dichloroaniline	4.427	161	685132	41.8549	ppm		97
41) Hydroquinone	4.085	110	942852	52.0425	ppm		97
42) Hexachlorobutadiene	3.914	225	320490	41.8868	ppm		99
43) 4-Chloro-3-methylphenol	4.165	107	719715	44.9127	ppm		97
44) 2-Methylnaphthalene	4.251	141	1251102	42.2210	ppm		99
45) 1-Methylnaphthalene	4.310	141	1280692	42.0511	ppm		99
47) Hexachlorocyclopentadiene	4.326	237	369360	58.1062	ppm		99
48) 1,2,4,5-tetrachloroben...	4.347	216	589765	44.0716	ppm		99
49) 2,4,6-Trichlorophenol	4.422	196	403993	45.2261	ppm		99
50) 2,4,5-Trichlorophenol	4.449	196	467716	46.1608	ppm		99
52) 2-Chloronaphthalene	4.556	162	1343363	44.2904	ppm		99
53) Biphenyl	4.534	154	1711509	43.7607	ppm		100
54) 2-Nitroaniline	4.631	65	541951	47.0204	ppm		92
55) Dimethylphthalate	4.732	163	1573092	44.5232	ppm		100
56) Acenaphthylene	4.829	152	1744849	37.0267	ppm		99
57) 2,6-Dinitrotoluene	4.786	165	369079	49.7827	ppm		100
58) 3-Nitroaniline	4.914	138	385451	38.9491	ppm		100
59) Acenaphthene	4.952	153	1436288	45.0646	ppm		100
60) 2,4-Dinitrophenol	4.994	184	346727	73.5739	ppm	#	71
61) 4-Nitrophenol	5.048	109	268400	54.0574	ppm		98
62) Dibenzofuran	5.080	168	1767660	42.2322	ppm		91
63) 2,4-Dinitrotoluene	5.085	165	449514	46.4020	ppm		76
64) 2,3,4,6-Tetrachlorophenol	5.171	232	353144	46.3201	ppm		93
65) Diethylphthalate	5.251	149	1645225	45.3069	ppm		100
66) Fluorene	5.347	166	1463432	44.3243	ppm		98
67) 4-Chlorophenyl-phenyle...	5.342	204	609225	42.5702	ppm		95
68) 4-Nitroaniline	5.396	138	415524	44.7292	ppm		98
70) 4,6-Dinitro-2-methylph...	5.406	198	245300	45.0477	ppm		86
71) n-Nitrosodiphenylamine	5.449	169	1291707	43.9971	ppm		99
72) 1,2-Diphenylhydrazine	5.476	77	1749293	46.4644	ppm		99
73) pentachloronitrobenzene	6.005	295	65827	46.1333	ppm		99
75) 4-Bromophenyl-phenylether	5.765	248	361958	44.2063	ppm		99
76) Hexachlorobenzene	5.807	284	413840	44.4946	ppm		97
77) Pentachlorophenol	6.005	266	411772	85.6515	ppm		100
78) Phenanthrene	6.214	178	2142777	44.0828	ppm		99
79) Anthracene	6.262	178	2225013	45.1931	ppm		100
80) Carbazole	6.439	167	2186140	46.1007	ppm		99
81) Di-n-butylphthalate	6.797	149	2843071	49.5423	ppm		99
82) Fluoranthene	7.465	202	2245702	45.0066	ppm		98
83) Octadecane	6.059	57	1503487	46.9804	ppm		98
85) benzidine	7.658	184	51493	1.6687	ppm		98
86) Pyrene	7.717	202	2357636	49.2597	ppm		99
88) Butylbenzylphthalate	8.519	149	1201400	50.9072	ppm		95
89) Benzo[a]anthracene	9.124	228	1833920	47.1529	ppm		100
90) 3,3'-Dichlorobenzidine	9.129	252	584348	42.6620	ppm		98
91) Chrysene	9.166	228	1826992	45.3913	ppm		99
92) bis(2-Ethylhexyl)phtha...	9.209	149	1722571	52.2037	ppm		100
94) Di-n-octylphthalate	9.969	149	2905135	50.2847	ppm		99
95) Benzo[b]fluoranthene	10.343	252	1949205	48.0582	ppm		99
96) Benzo[k]fluoranthene	10.375	252	1645114	40.6221	ppm		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5357.D
Acq On : 21 Feb 2024 09:32 am
Operator : karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 17:14:22 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 17:10:42 2024
Response via : Initial Calibration

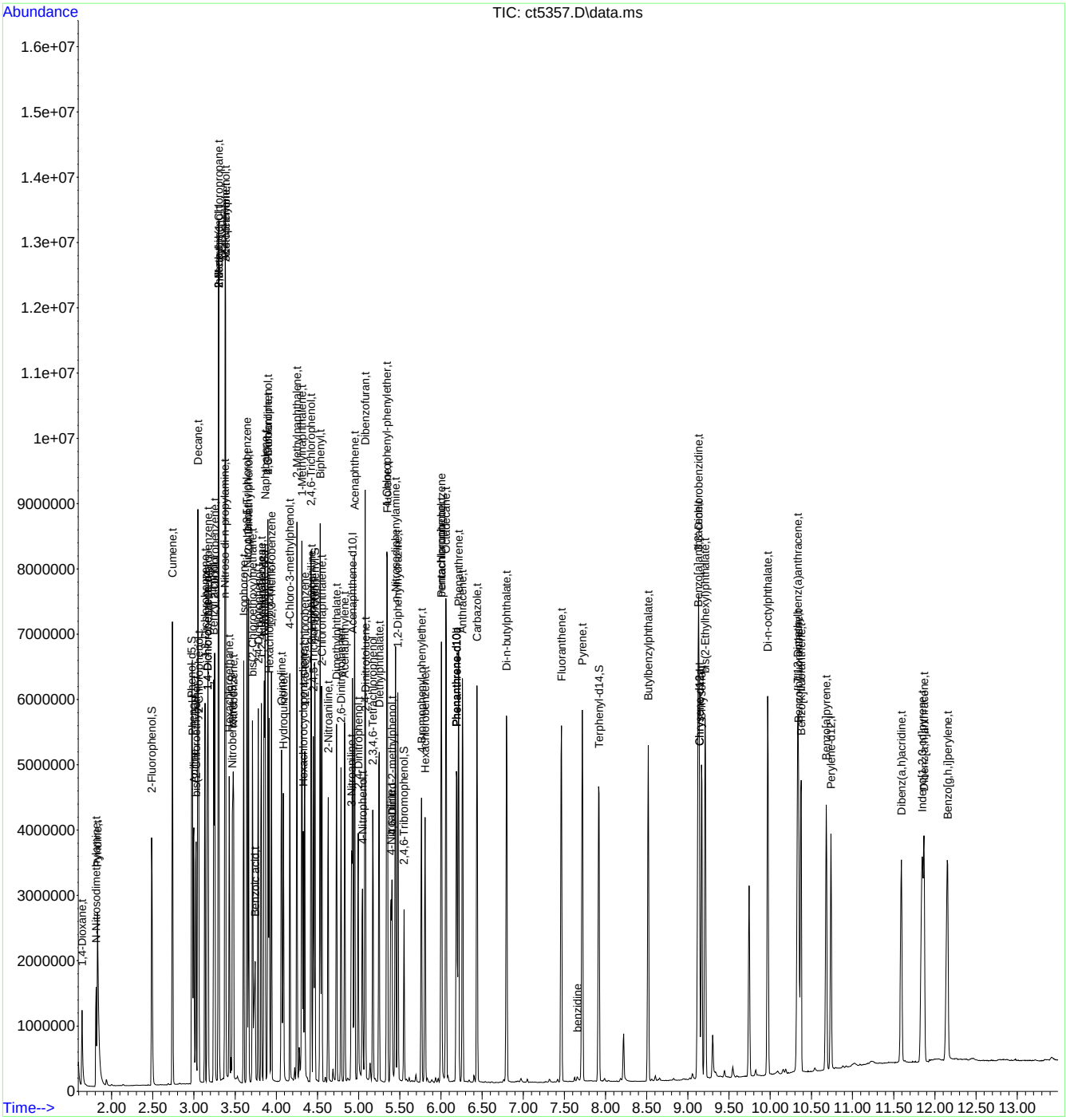
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	Benzo[a]pyrene	10.680	252	1626668	45.2746	ppm	99
98)	Indeno[1,2,3-cd]pyrene	11.846	276	2027276	46.1509	ppm	98
99)	Dibenz(a,h)acridine	11.595	279	1487840	50.0654	ppm	100
100)	Dibenz[a,h]anthracene	11.867	278	1740598	49.7852	ppm	98
101)	7,12-Dimethylbenz(a)an...	10.332	256	793698	46.0102	ppm	99
102)	Benzo[g,h,i]perylene	12.156	276	1882713	53.6516	ppm	99

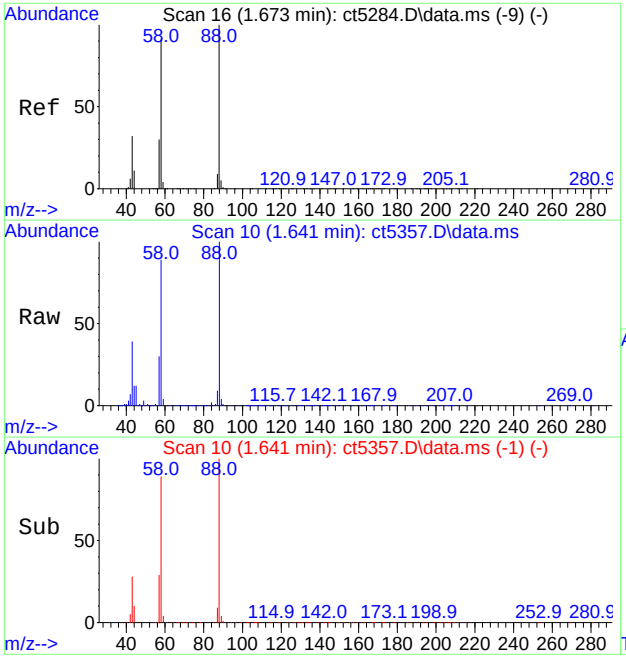
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5357.D
Acq On : 21 Feb 2024 09:32 am
Operator : karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 17:14:22 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 17:10:42 2024
Response via : Initial Calibration

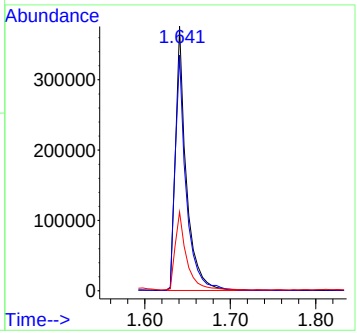


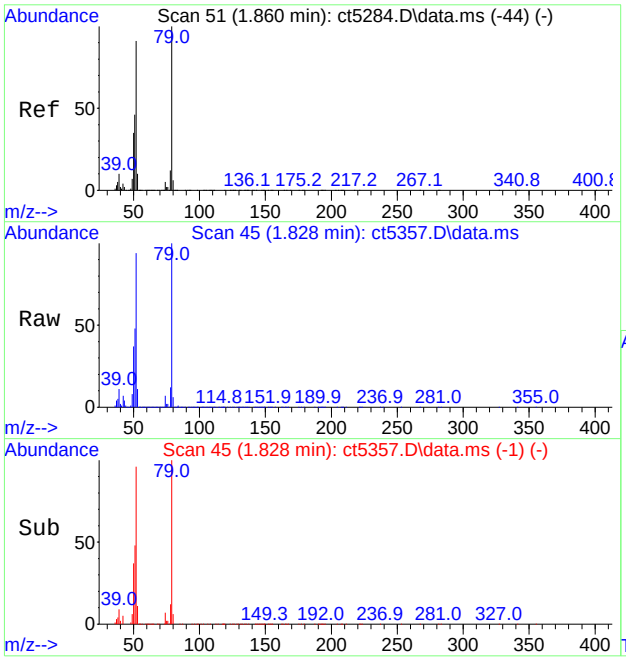


#2
1,4-Dioxane
Concen: 41.9720 ppm
RT: 1.641 min Scan# 10
Delta R.T. -0.039 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 88 Resp: 326979

Ion	Ratio	Lower	Upper
88	100		
58	88.9	61.7	121.7
57	29.4	1.2	61.2

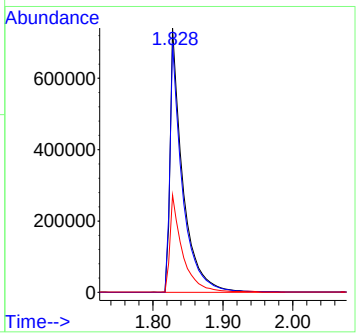


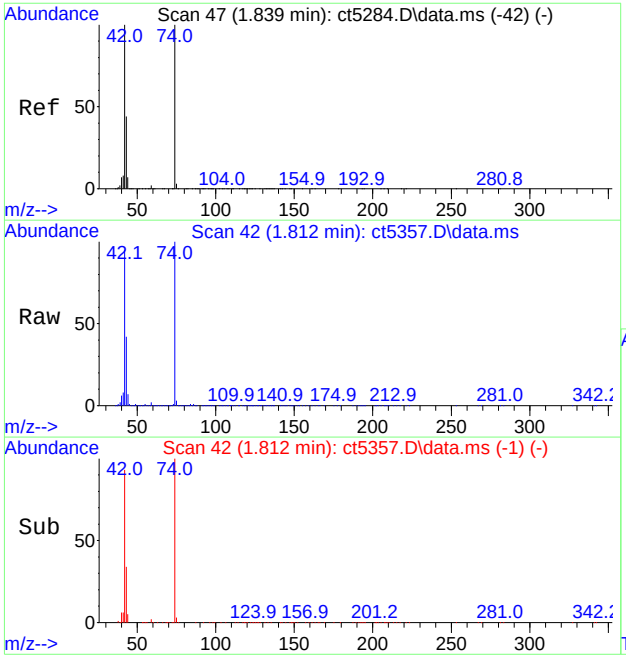


#3
Pyridine
Concen: 42.9559 ppm
RT: 1.828 min Scan# 45
Delta R.T. -0.031 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 79 Resp: 920661

Ion	Ratio	Lower	Upper
79	100		
52	94.3	65.5	125.5
50	36.8	5.9	65.9

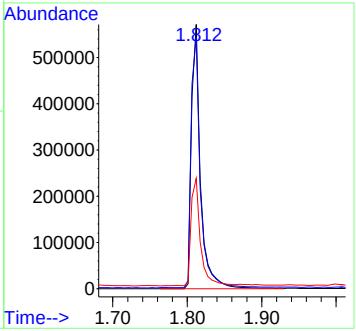


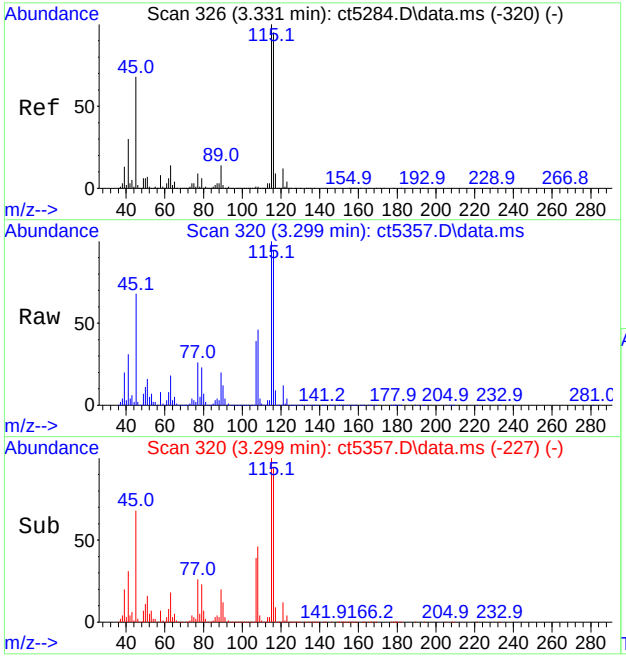


#4
N-Nitrosodimethylamine
Concen: 43.8552 ppm
RT: 1.812 min Scan# 42
Delta R.T. -0.032 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 74 Resp: 481029

Ion	Ratio	Lower	Upper
74	100		
42	94.6	68.1	128.1
43	40.6	12.5	72.5

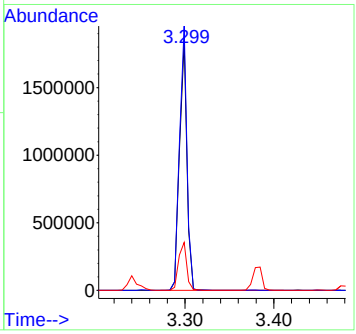


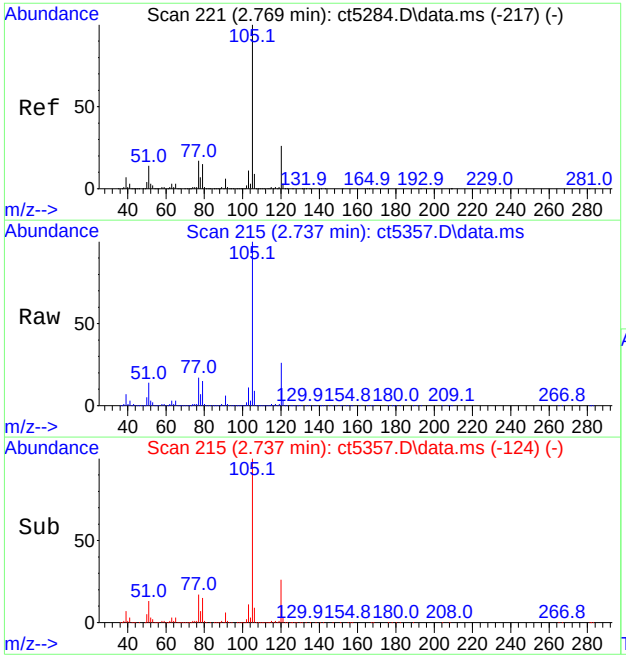


#6
Indene
Concen: 37.6591 ppm
RT: 3.299 min Scan# 320
Delta R.T. -0.004 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:116 Resp: 1090567

Ion	Ratio	Lower	Upper
116	100		
115	106.2	76.2	136.2
63	19.3	0.0	44.0

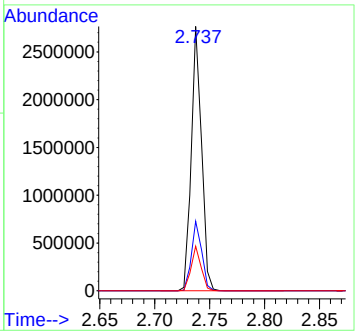


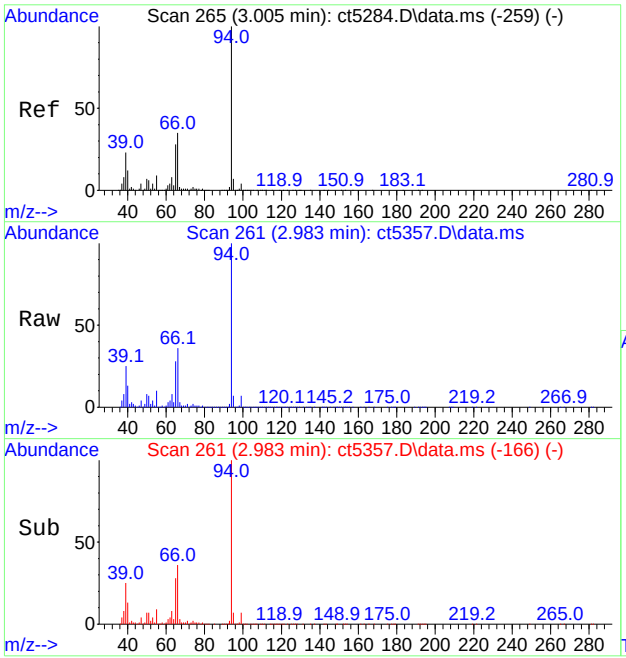


#7
Cumene
Concen: 48.5602 ppm
RT: 2.737 min Scan# 215
Delta R.T. -0.016 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:105 Resp: 1793004

Ion	Ratio	Lower	Upper
105	100		
120	26.3	0.0	57.0
77	16.8	0.0	45.8

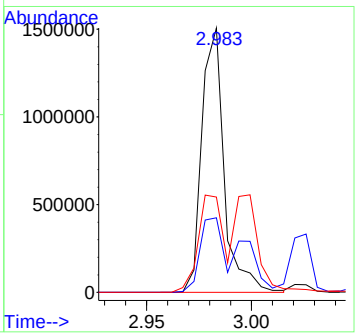


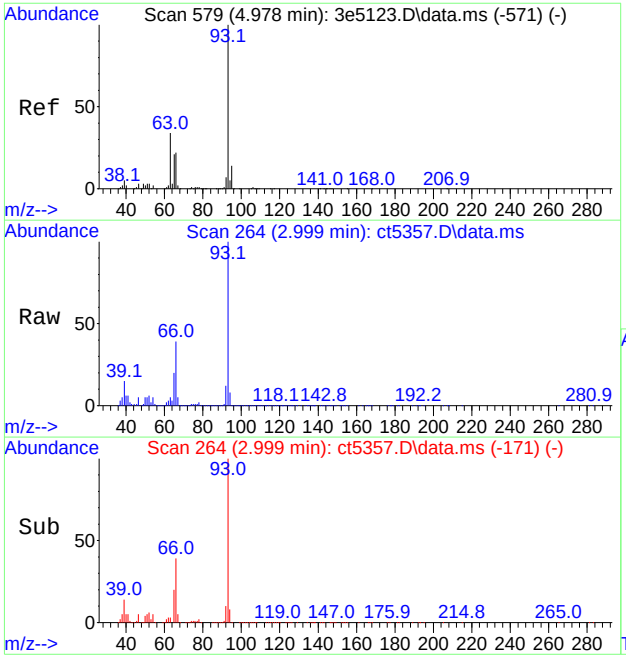


#9
Phenol
Concen: 49.9581 ppm
RT: 2.983 min Scan# 261
Delta R.T. 0.008 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 94 Resp: 1121029

Ion	Ratio	Lower	Upper
94	100		
65	26.7	0.0	59.7
66	35.4	8.2	68.2

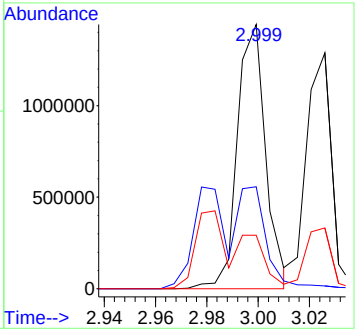


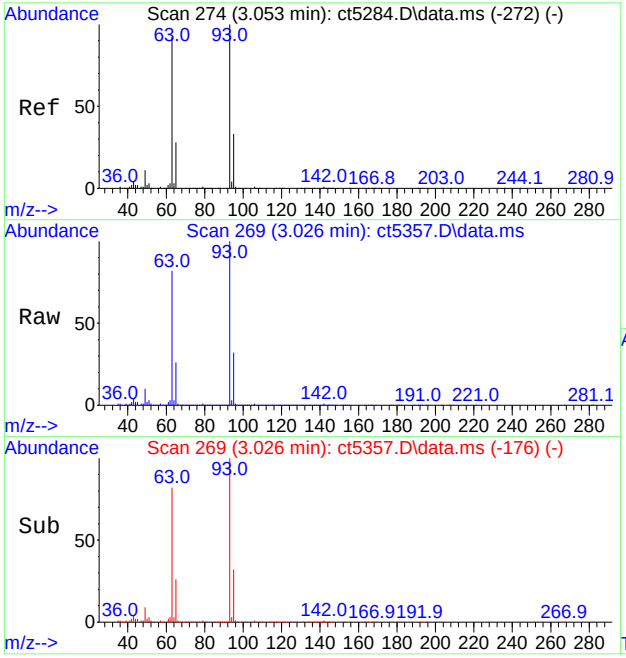


#10
Aniline
Concen: 37.9013 ppm
RT: 2.999 min Scan# 264
Delta R.T. -0.003 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 93 Resp: 1106953

Ion	Ratio	Lower	Upper
93	100		
66	38.6	10.4	70.4
65	20.2	0.0	50.8

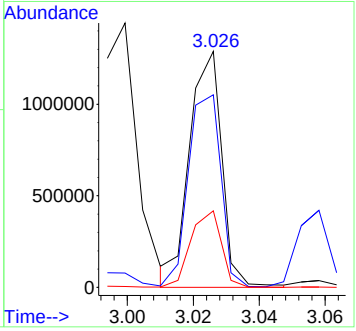


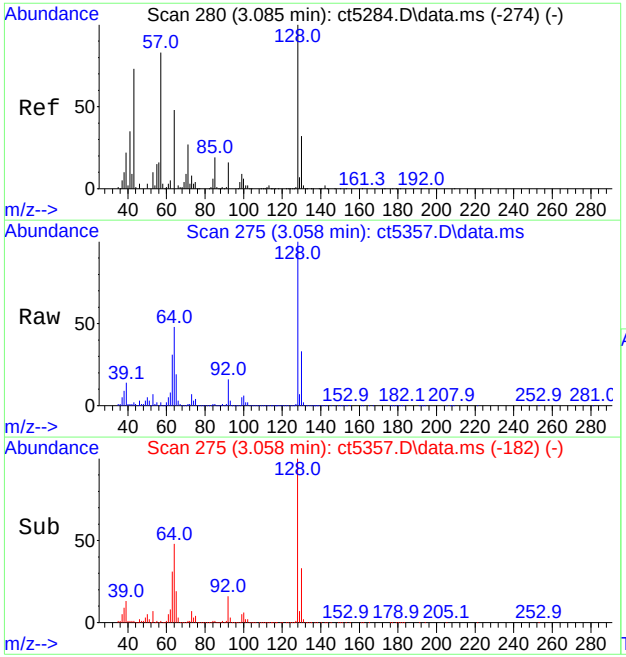


#11
bis(2-Chloroethyl)ether
Concen: 47.7577 ppm
RT: 3.026 min Scan# 269
Delta R.T. -0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 93 Resp: 872979

Ion	Ratio	Lower	Upper
93	100		
63	84.2	55.8	115.8
95	34.0	2.8	62.8

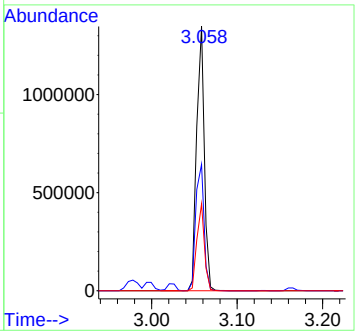


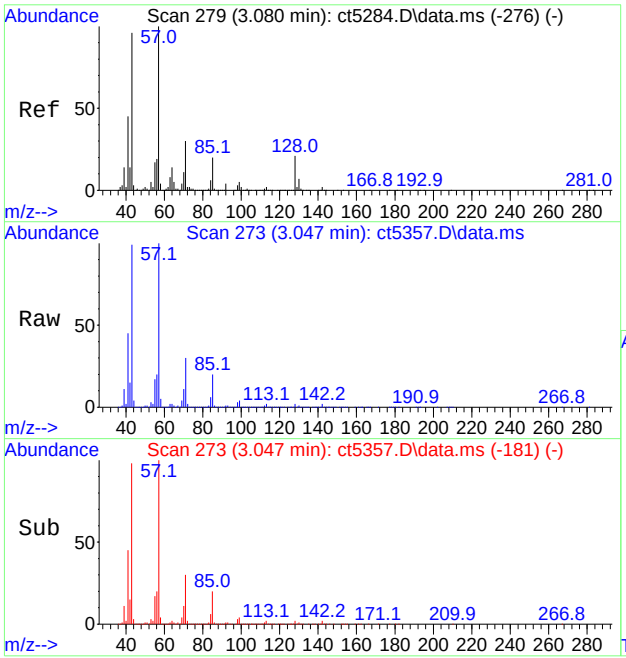


#12
2-Chlorophenol
Concen: 47.7492 ppm
RT: 3.058 min Scan# 275
Delta R.T. -0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:128 Resp: 835630

Ion	Ratio	Lower	Upper
128	100		
64	47.6	20.1	80.1
130	32.8	3.0	63.0

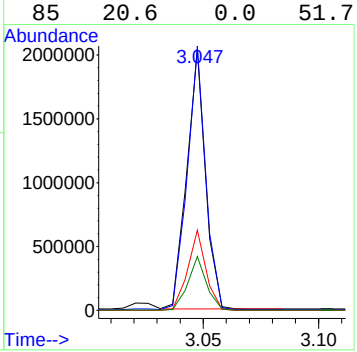


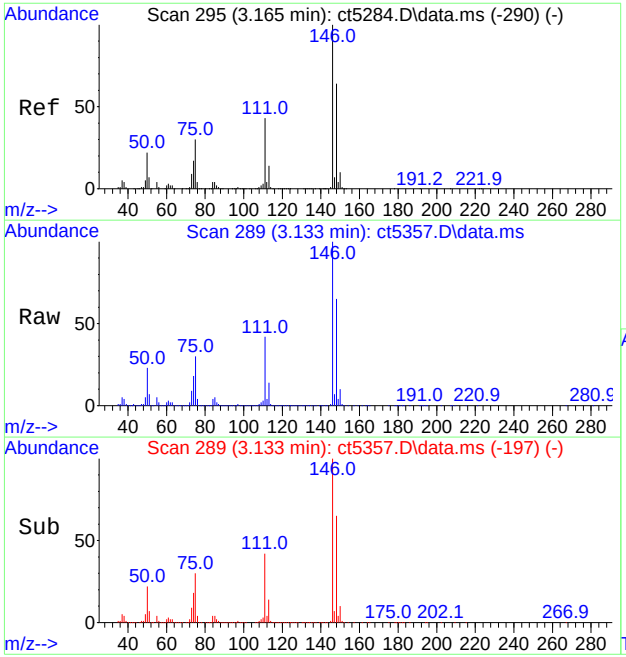


#13
Decane
Concen: 44.6579 ppm
RT: 3.047 min Scan# 273
Delta R.T. -0.007 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 43 Resp: 1142372

Ion	Ratio	Lower	Upper
43	100		
57	101.7	74.9	134.9
71	30.9	2.5	62.5
85	20.6	0.0	51.7

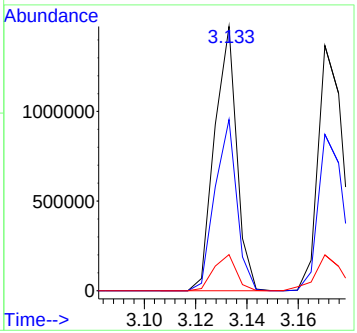


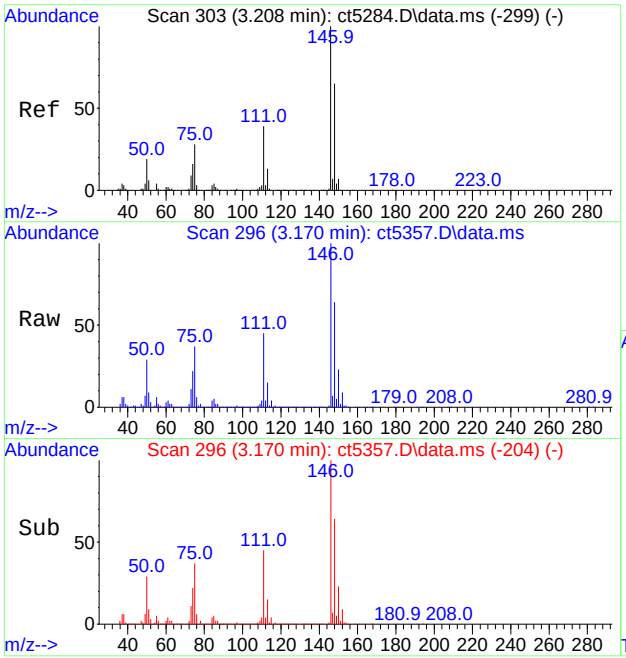


#14
1,3-Dichlorobenzene
Concen: 45.7060 ppm
RT: 3.133 min Scan# 289
Delta R.T. -0.007 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:146 Resp: 891647

Ion	Ratio	Lower	Upper
146	100		
148	64.7	34.7	94.7
113	13.6	0.0	42.9

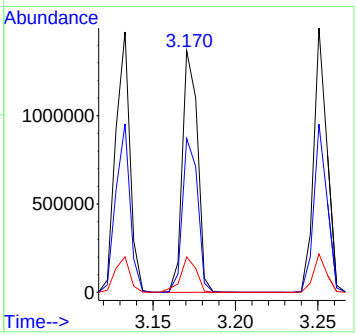


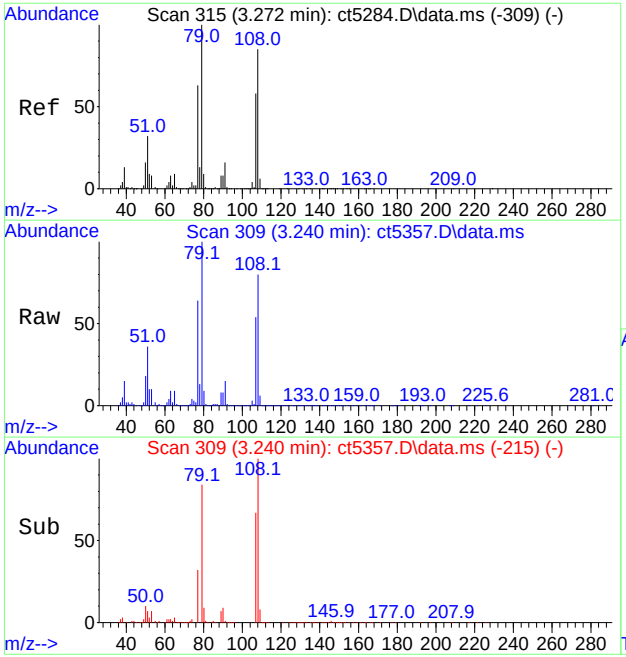


#15
1,4-Dichlorobenzene
Concen: 45.2796 ppm
RT: 3.170 min Scan# 296
Delta R.T. -0.006 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:146 Resp: 876834

Ion	Ratio	Lower	Upper
146	100		
148	63.7	34.0	94.0
113	14.5	0.0	43.5

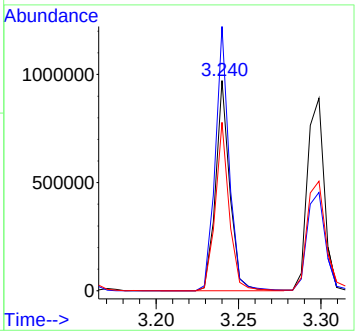


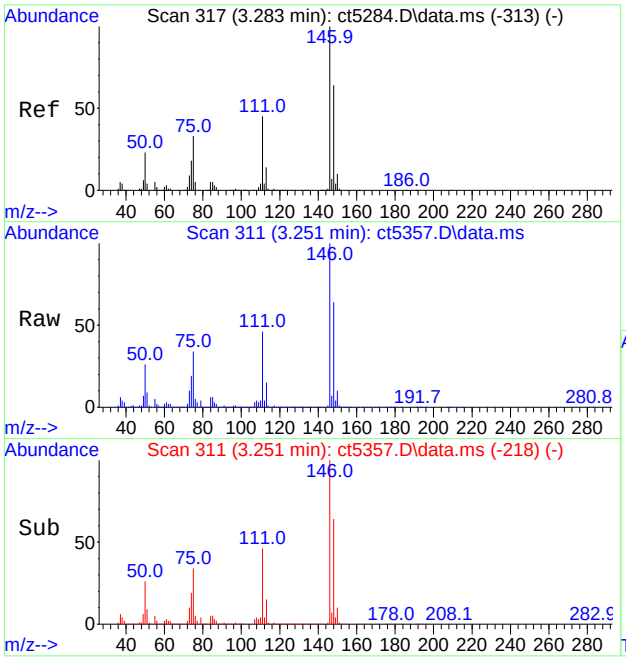


#16
Benzyl alcohol
Concen: 47.8841 ppm
RT: 3.240 min Scan# 309
Delta R.T. 0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:108 Resp: 583362

Ion	Ratio	Lower	Upper
108	100		
79	125.7	95.0	155.0
77	80.1	49.3	109.3

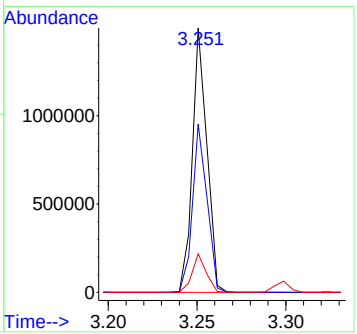


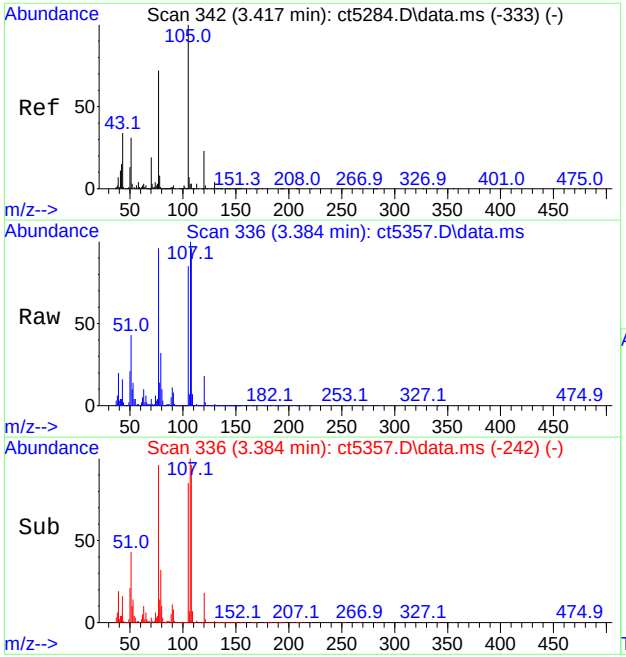


#17
1,2-Dichlorobenzene
Concen: 45.4108 ppm
RT: 3.251 min Scan# 311
Delta R.T. -0.005 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:146 Resp: 850640

Ion	Ratio	Lower	Upper
146	100		
148	63.6	34.2	94.2
113	12.4	0.0	44.1

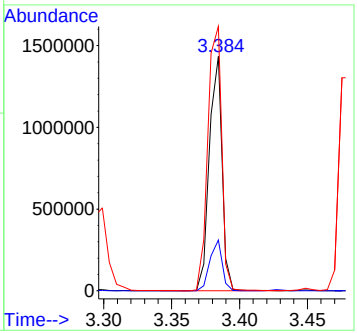


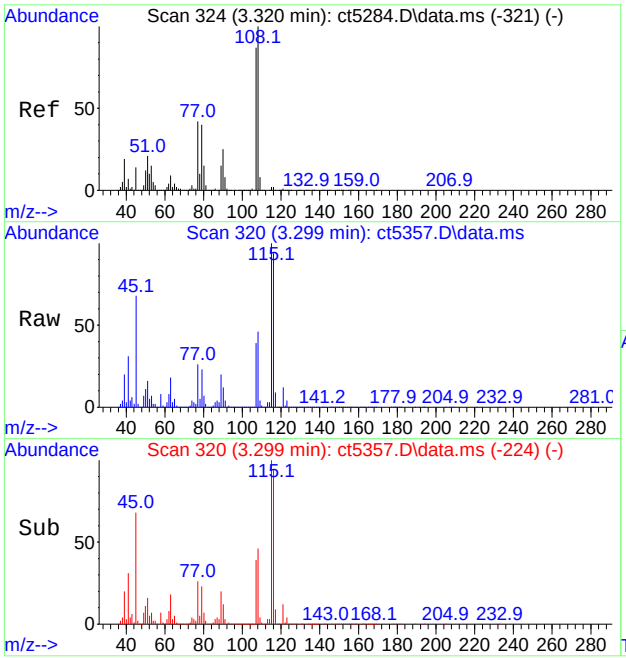


#18
Acetophenone
Concen: 37.7769 ppm
RT: 3.384 min Scan# 336
Delta R.T. 0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:105 Resp: 929343

Ion	Ratio	Lower	Upper
105	100		
120	21.5	0.0	51.5
77	112.7	49.8	109.8#

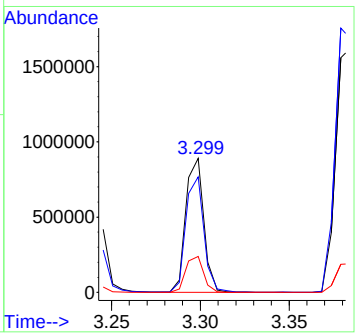




#19
2-Methylphenol
Concen: 37.8351 ppm
RT: 3.299 min Scan# 320
Delta R.T. 0.012 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

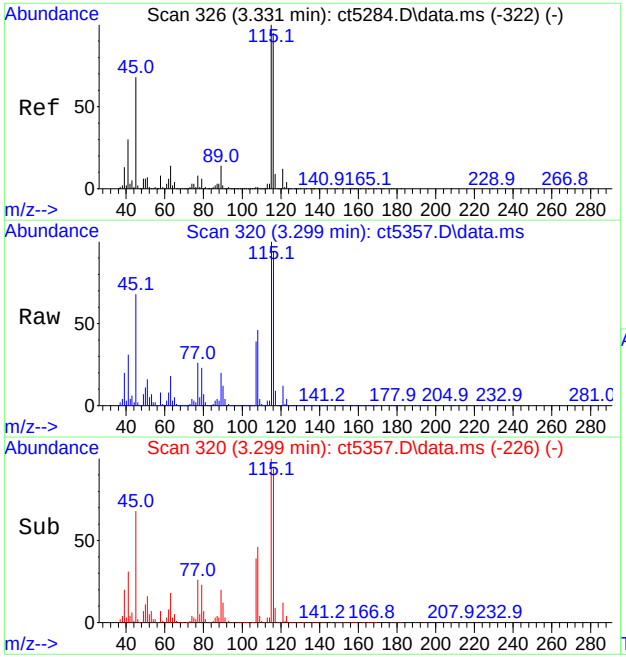
Tgt Ion:108 Resp: 628722

Ion	Ratio	Lower	Upper
108	100		
107	86.2	57.1	117.1
90	26.8	0.0	54.8



7.6.24

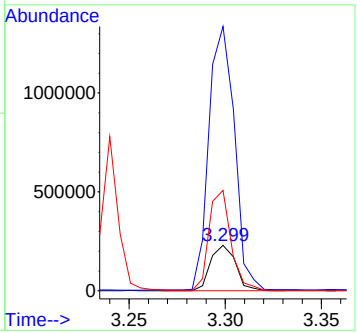
7

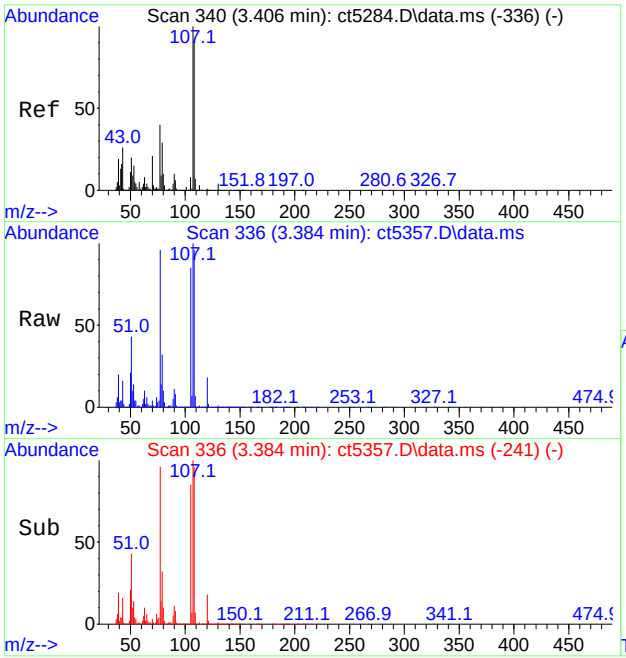


#20
2,2'-oxybis(1-Chloropropane
Concen: 41.0995 ppm
RT: 3.299 min Scan# 320
Delta R.T. 0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:121 Resp: 207213

Ion	Ratio	Lower	Upper
121	100		
45	581.4	508.3	568.3#
77	220.1	44.5	104.5#

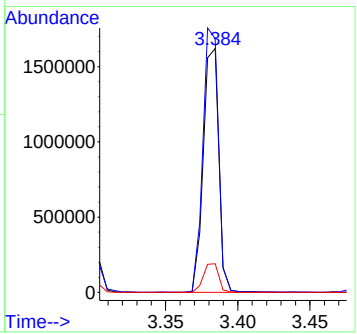


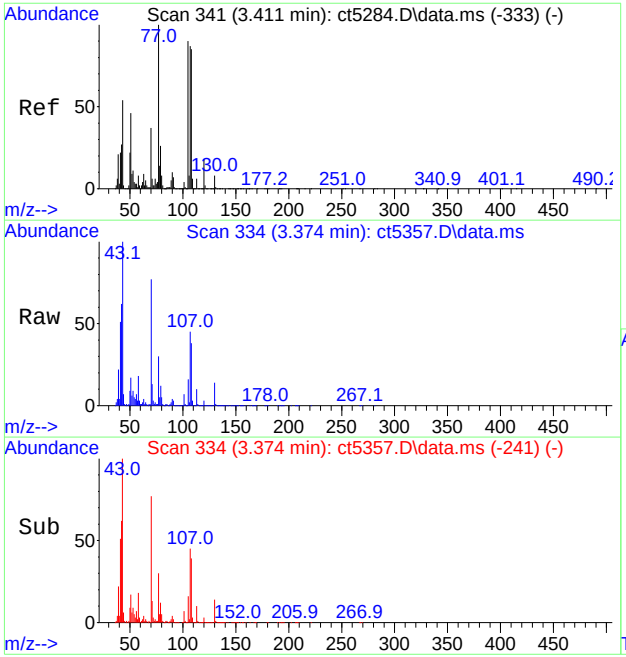


#21
3&4-Methylphenol
Concen: 76.3373 ppm
RT: 3.384 min Scan# 336
Delta R.T. 0.008 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:108 Resp: 1210295

Ion	Ratio	Lower	Upper
108	100		
107	104.0	74.9	134.9
90	11.7	0.0	41.4

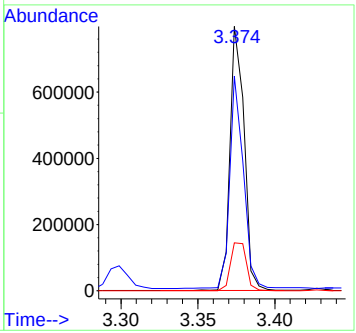


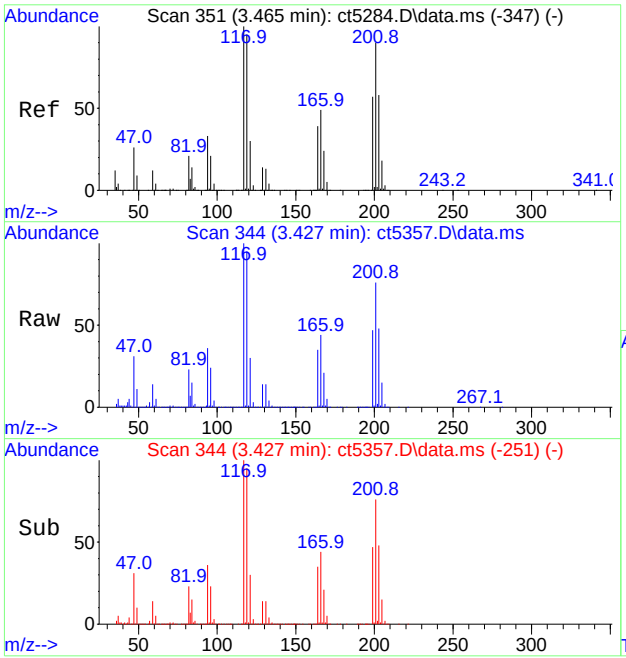


#22
n-Nitroso-di-n-propylamine
Concen: 42.8906 ppm
RT: 3.374 min Scan# 334
Delta R.T. -0.003 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 70 Resp: 507524

Ion	Ratio	Lower	Upper
70	100		
42	80.3	42.3	102.3
130	18.2	0.0	50.5

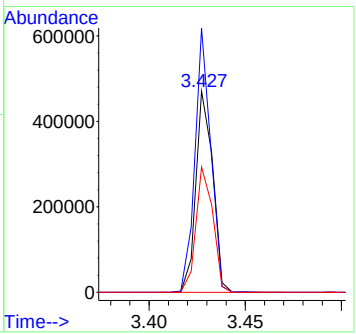


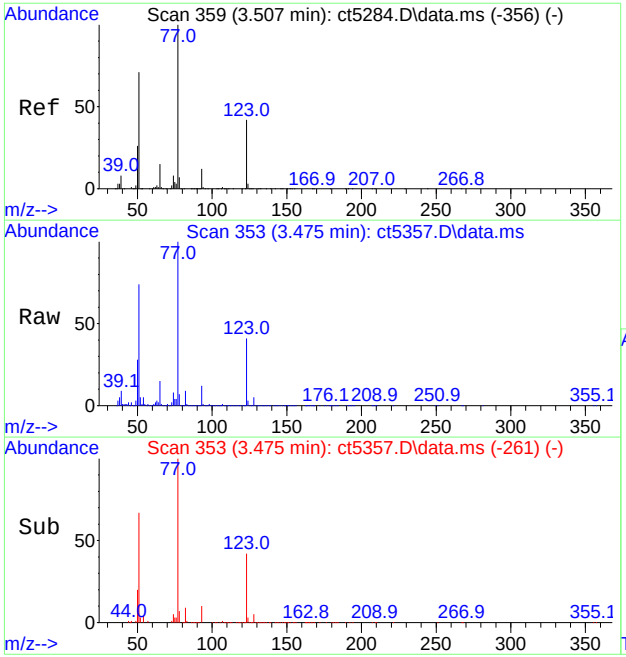


#23
Hexachloroethane
Concen: 47.3347 ppm
RT: 3.427 min Scan# 344
Delta R.T. -0.003 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:201 Resp: 289051

Ion	Ratio	Lower	Upper
201	100		
117	131.4	93.9	153.9
199	62.4	32.2	92.2

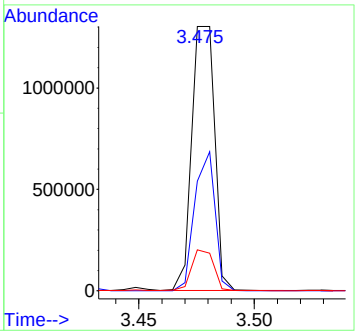


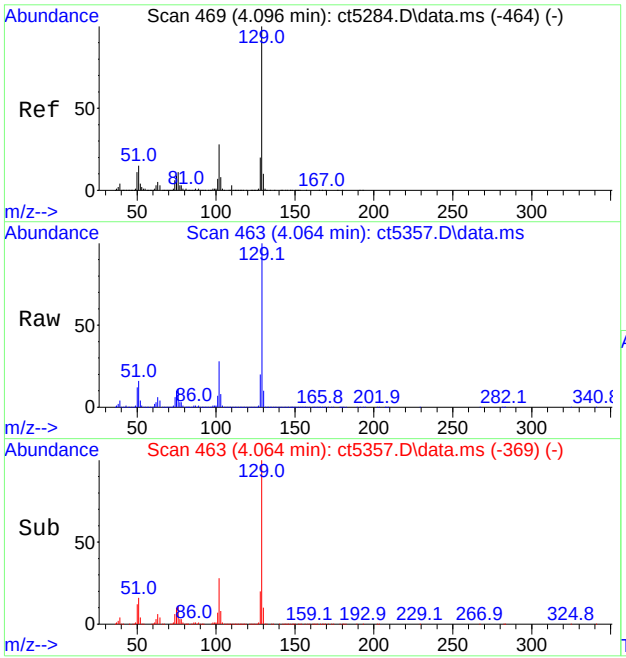


#26
Nitrobenzene
Concen: 45.4737 ppm
RT: 3.475 min Scan# 353
Delta R.T. -0.009 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 77 Resp: 904370

Ion	Ratio	Lower	Upper
77	100		
123	41.5	18.0	78.0
65	15.4	0.0	44.7

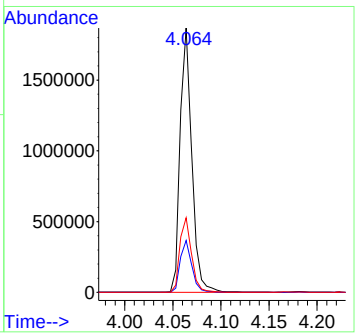


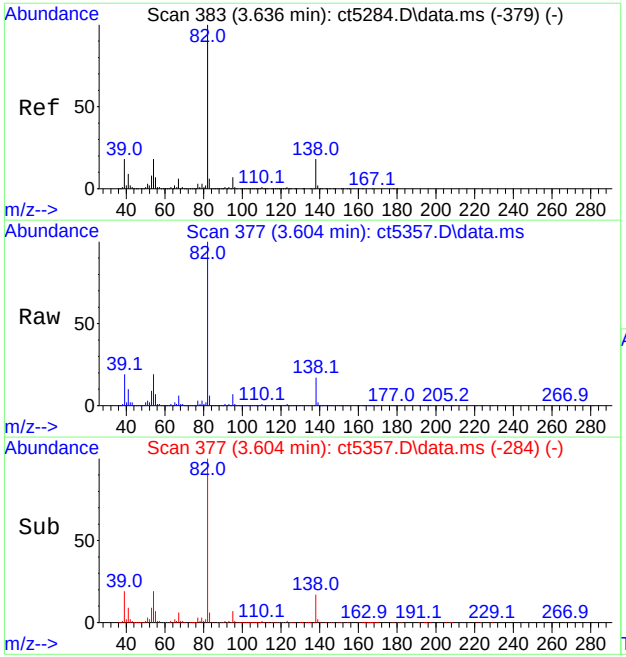


#27
Quinoline
Concen: 43.6446 ppm
RT: 4.064 min Scan# 463
Delta R.T. 0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:129 Resp: 1570575

Ion	Ratio	Lower	Upper
129	100		
128	19.6	0.0	49.7
102	28.1	0.0	58.7

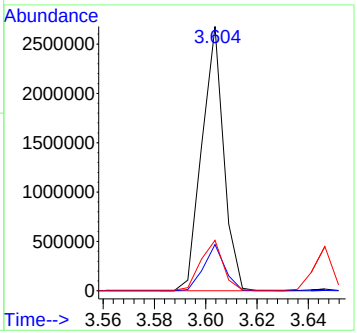


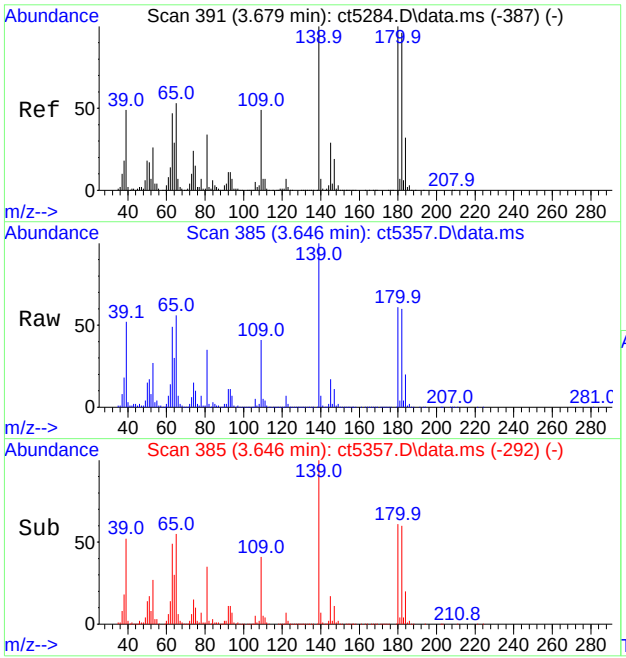


#28
Isophorone
Concen: 44.8295 ppm
RT: 3.604 min Scan# 377
Delta R.T. -0.003 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 82 Resp: 1593352

Ion	Ratio	Lower	Upper
82	100		
138	17.5	0.0	47.0
39	18.9	0.0	49.1

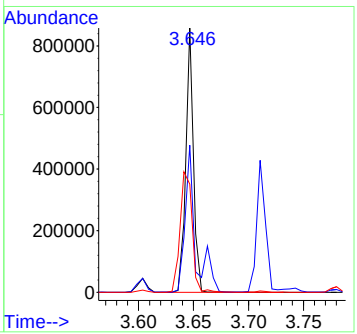


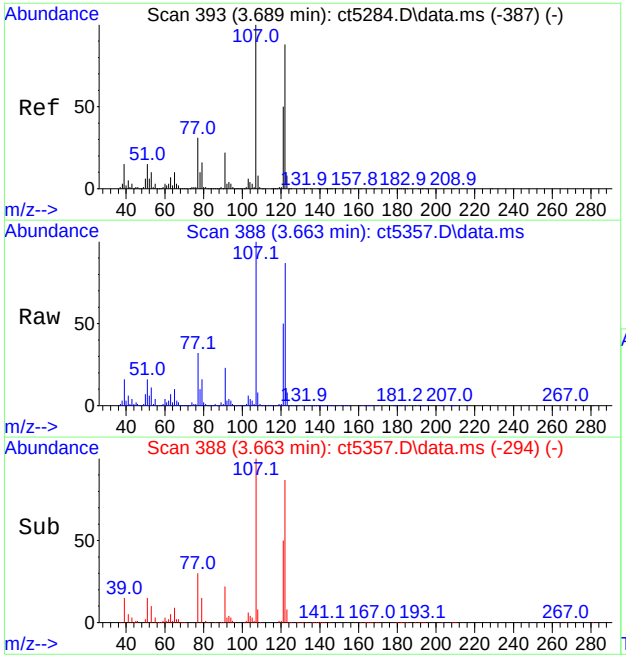


#29
2-Nitrophenol
Concen: 47.2155 ppm
RT: 3.646 min Scan# 385
Delta R.T. -0.003 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:139 Resp: 414600

Ion	Ratio	Lower	Upper
139	100		
65	55.0	28.1	88.1
109	40.9	35.1	95.1

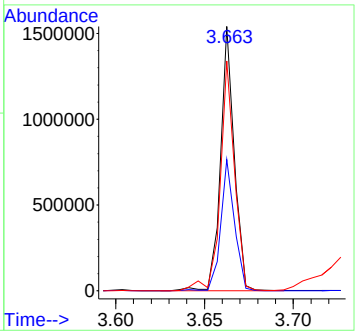


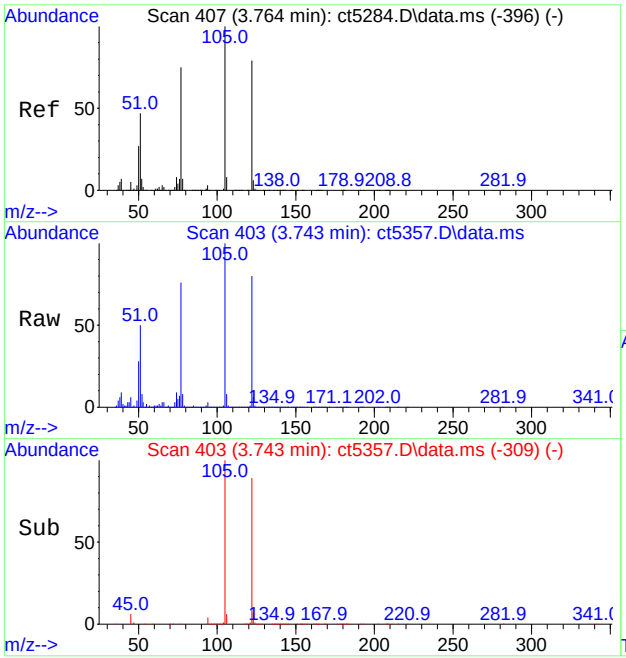


#30
2,4-Dimethylphenol
Concen: 44.1021 ppm
RT: 3.663 min Scan# 388
Delta R.T. 0.004 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:107 Resp: 829450

Ion	Ratio	Lower	Upper
107	100		
121	49.6	19.9	79.9
122	86.8	51.6	111.6

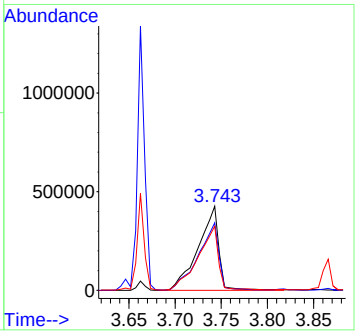


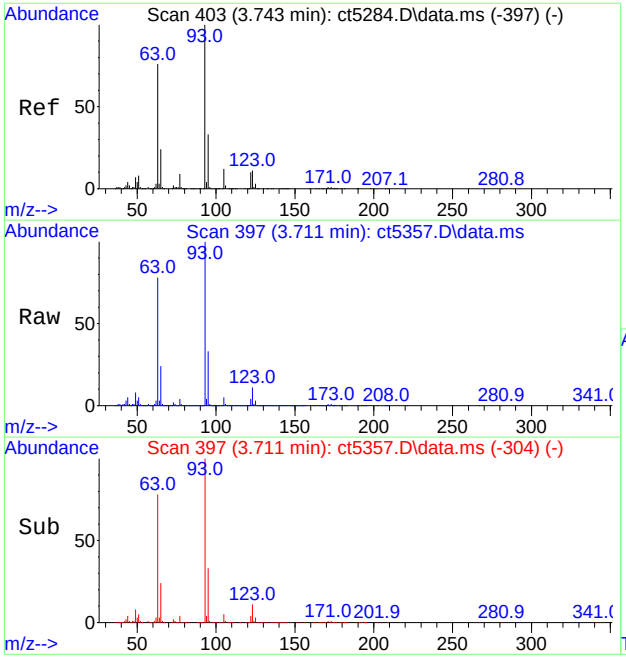


#31
Benzoic acid
Concen: 44.7299 ppm
RT: 3.743 min Scan# 403
Delta R.T. 0.004 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:105 Resp: 661932

Ion	Ratio	Lower	Upper
105	100		
122	79.4	48.8	108.8
77	76.0	43.0	103.0

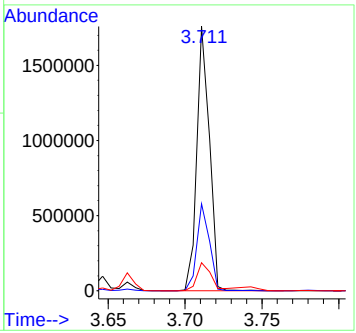


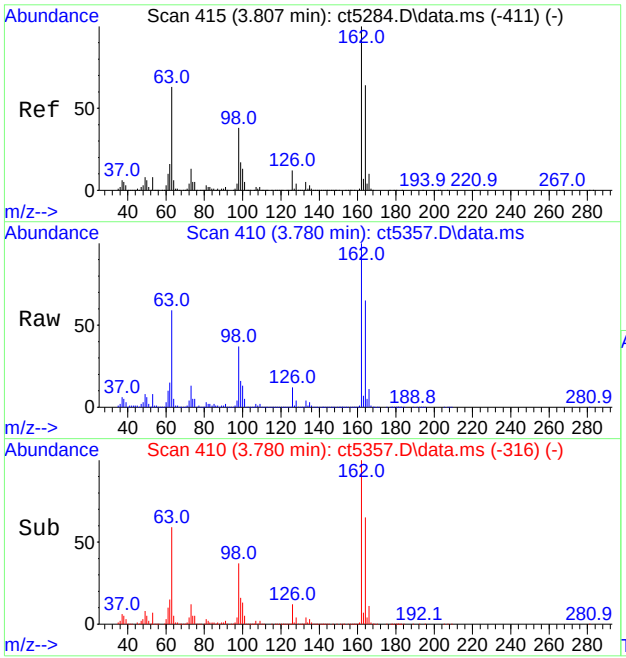


#32
bis(2-Chloroethoxy)methane
Concen: 44.9732 ppm
RT: 3.711 min Scan# 397
Delta R.T. -0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 93 Resp: 999479

Ion	Ratio	Lower	Upper
93	100		
95	32.8	2.7	62.7
123	10.6	0.0	40.7

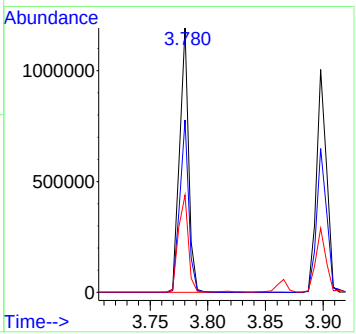


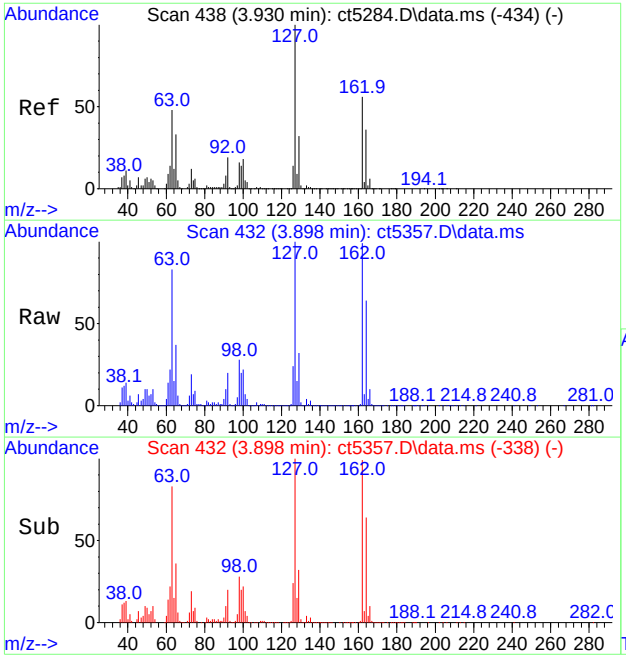


#33
2,4-Dichlorophenol
Concen: 45.4852 ppm
RT: 3.780 min Scan# 410
Delta R.T. 0.004 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:162 Resp: 652384

Ion	Ratio	Lower	Upper
162	100		
164	65.2	33.4	93.4
98	34.3	10.2	70.2

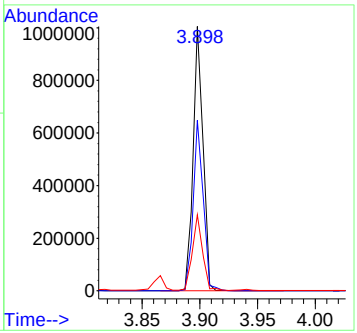


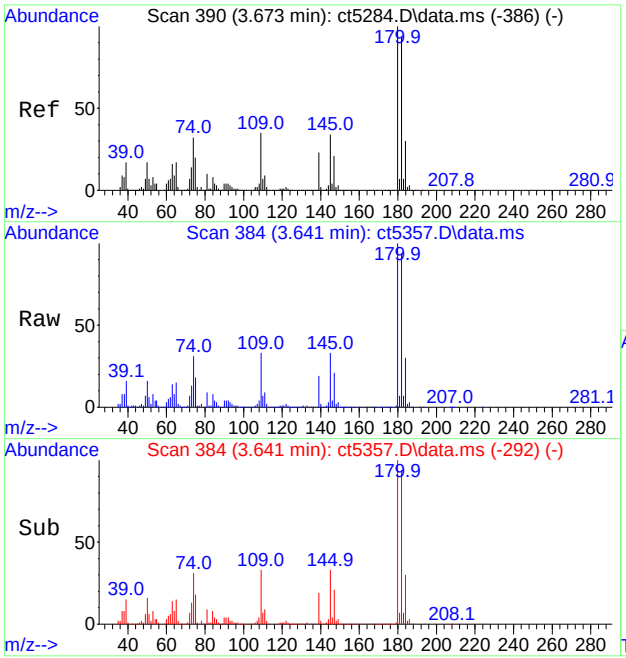


#34
2,6-Dichlorophenol
Concen: 44.5128 ppm
RT: 3.898 min Scan# 432
Delta R.T. 0.000 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:162 Resp: 600176

Ion	Ratio	Lower	Upper
162	100		
164	64.5	33.8	93.8
98	25.8	0.0	58.3

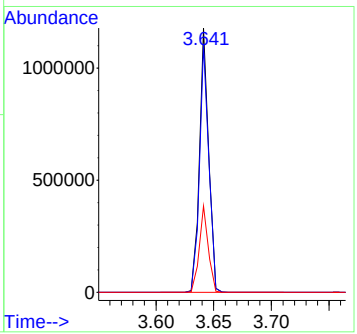


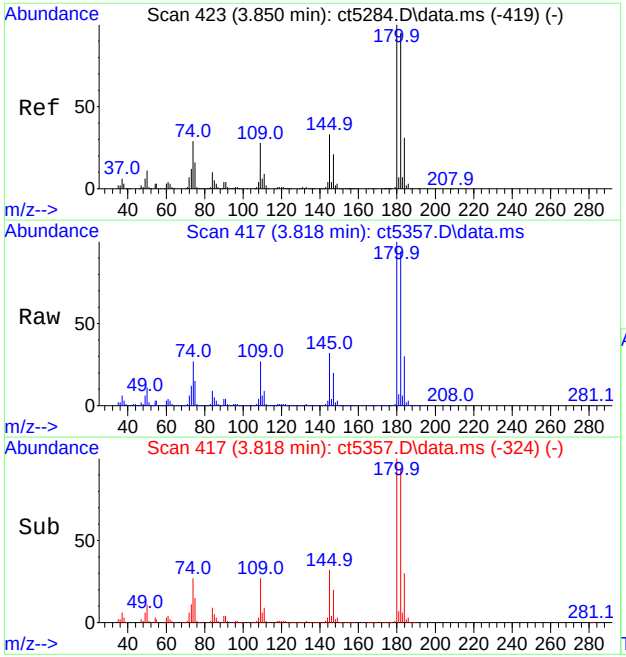


#35
1,3,5-Trichlorobenzene
Concen: 43.5989 ppm
RT: 3.641 min Scan# 384
Delta R.T. -0.008 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:180 Resp: 654913

Ion	Ratio	Lower	Upper
180	100		
182	93.6	64.6	124.6
145	32.7	0.9	60.9

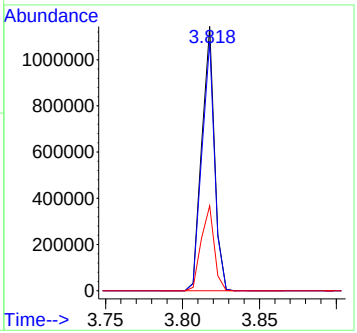


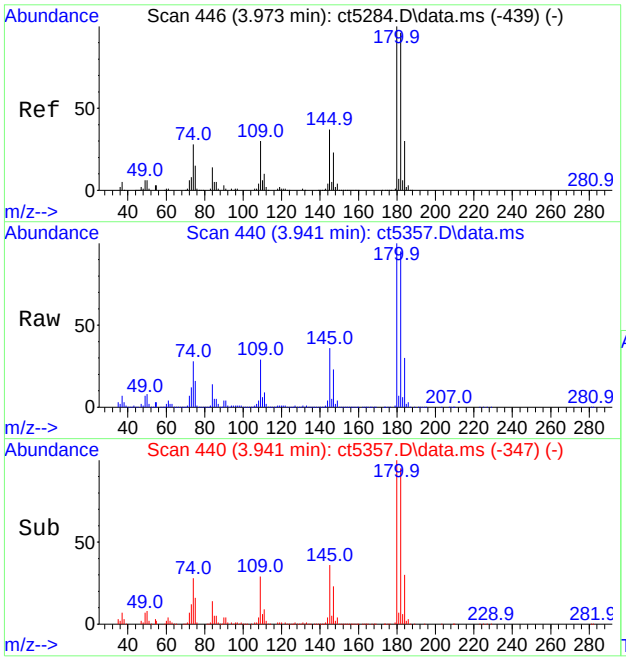


#36
1,2,4-Trichlorobenzene
Concen: 44.6328 ppm
RT: 3.818 min Scan# 417
Delta R.T. -0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:180 Resp: 661310

Ion	Ratio	Lower	Upper
180	100		
182	94.4	63.6	123.6
145	32.2	4.3	64.3

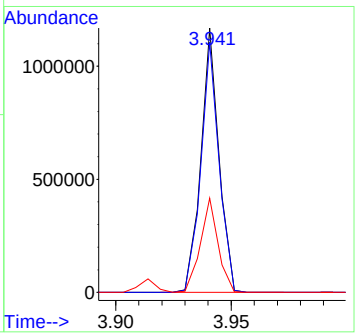


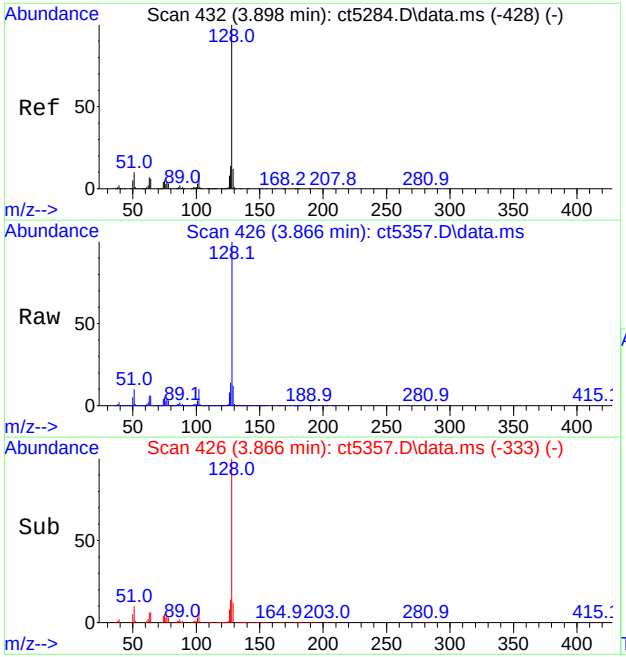


#37
1,2,3-Trichlorobenzene
Concen: 44.0307 ppm
RT: 3.941 min Scan# 440
Delta R.T. -0.005 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:180 Resp: 635408

Ion	Ratio	Lower	Upper
180	100		
182	94.7	65.9	125.9
145	35.1	2.0	62.0

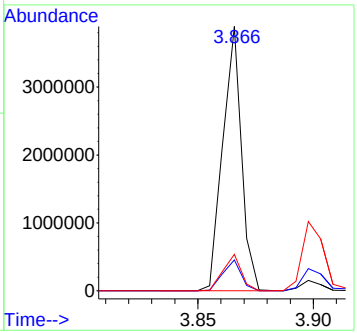


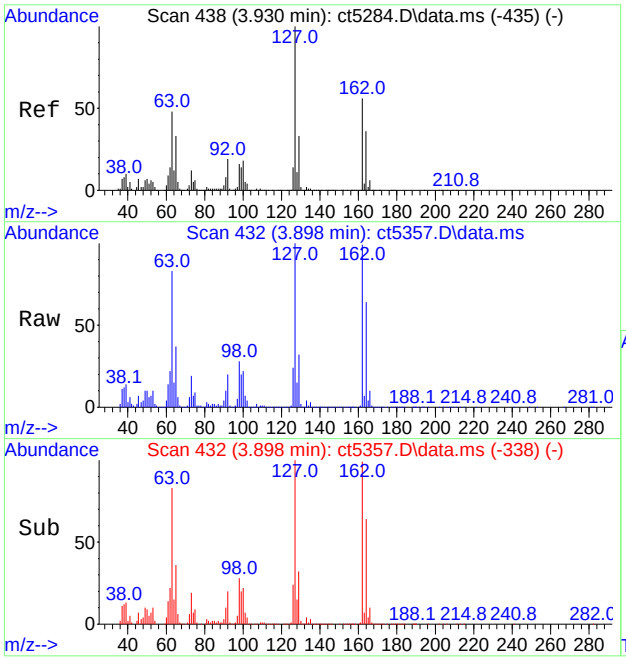


#38
Naphthalene
Concen: 43.2409 ppm
RT: 3.866 min Scan# 426
Delta R.T. -0.000 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:128 Resp: 2195477

Ion	Ratio	Lower	Upper
128	100		
129	11.6	0.0	41.7
127	13.7	0.0	43.6

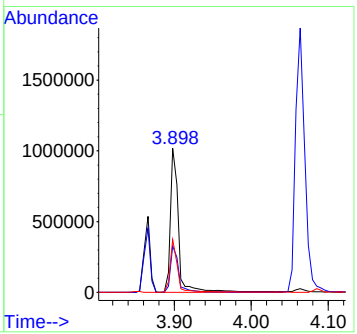


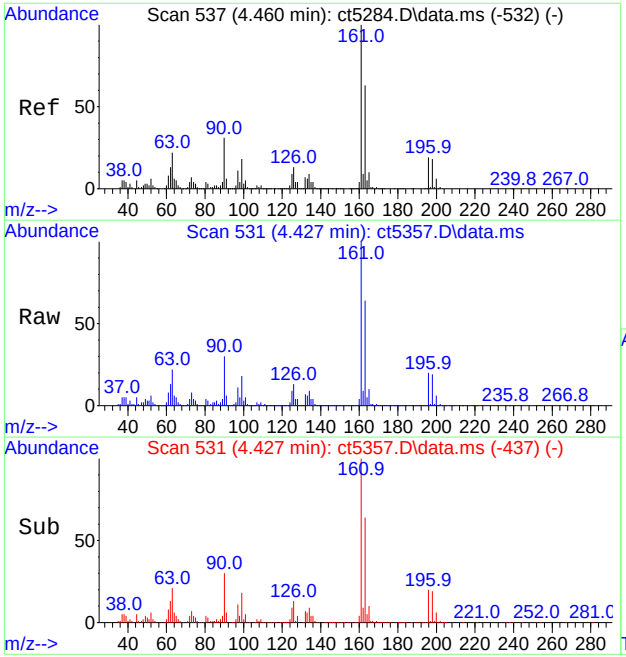


#39
4-Chloroaniline
Concen: 34.7935 ppm
RT: 3.898 min Scan# 432
Delta R.T. 0.000 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:127 Resp: 746954

Ion	Ratio	Lower	Upper
127	100		
129	32.0	2.2	62.2
65	36.6	4.0	64.0

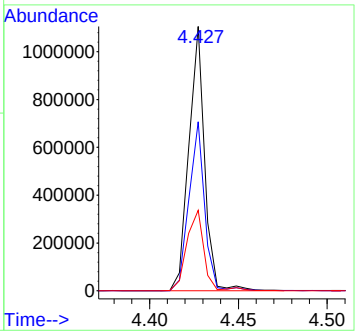


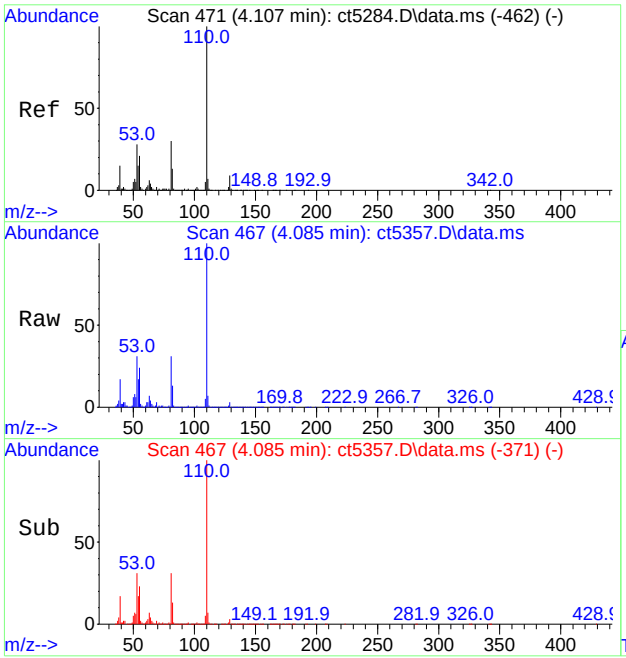


#40
2,3-Dichloroaniline
Concen: 41.8549 ppm
RT: 4.427 min Scan# 531
Delta R.T. 0.005 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:161 Resp: 685132

Ion	Ratio	Lower	Upper
161	100		
163	63.9	34.3	94.3
90	30.4	5.3	65.3

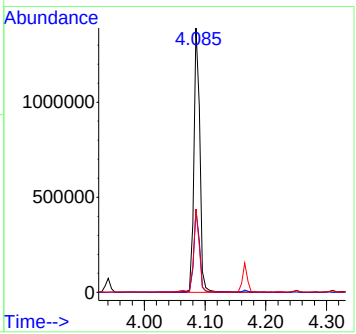


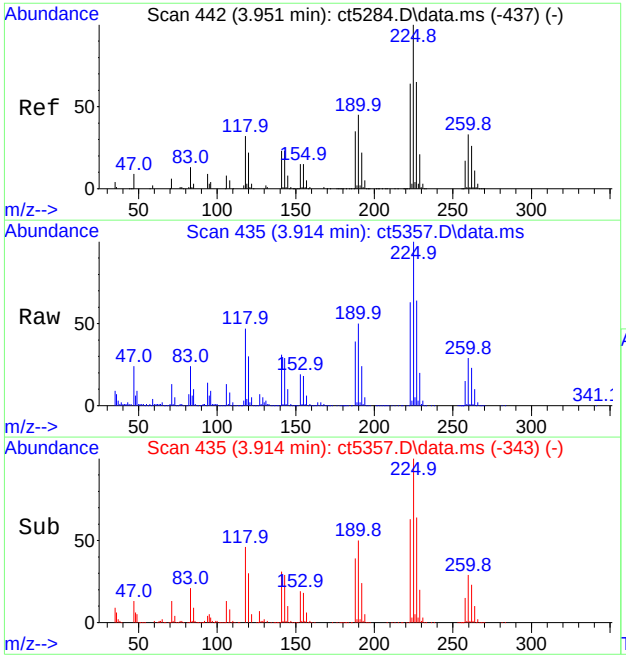


#41
Hydroquinone
Concen: 52.0425 ppm
RT: 4.085 min Scan# 467
Delta R.T. 0.012 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:110 Resp: 942852

Ion	Ratio	Lower	Upper
110	100		
81	31.4	0.1	60.1
53	31.3	0.0	59.2

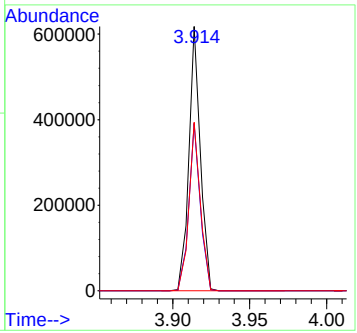


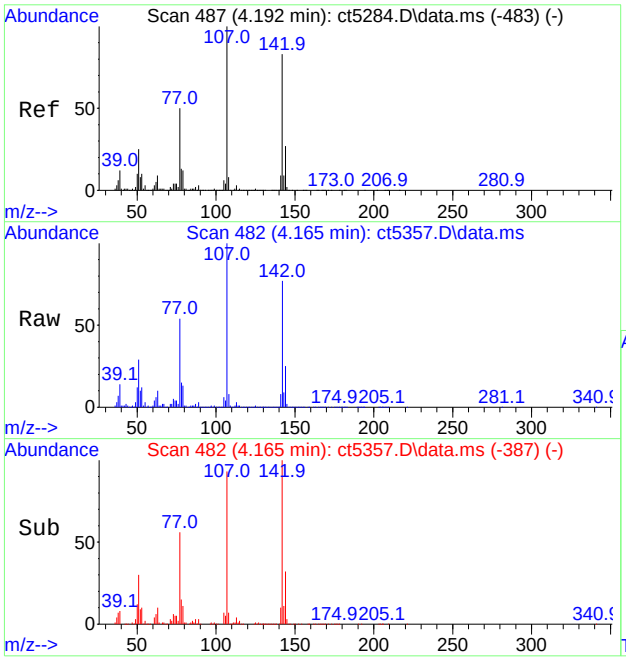


#42
Hexachlorobutadiene
Concen: 41.8868 ppm
RT: 3.914 min Scan# 435
Delta R.T. -0.006 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:225 Resp: 320490

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.1	92.1
227	63.7	33.3	93.3

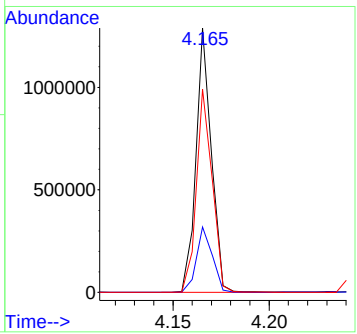


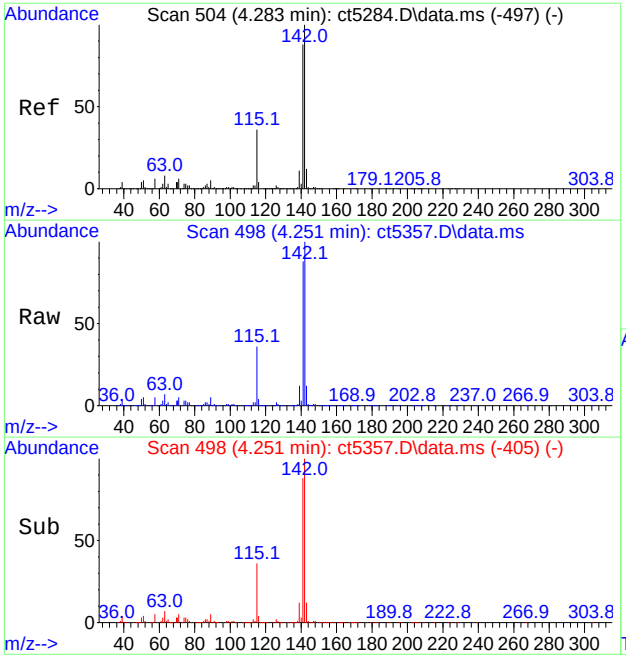


#43
4-Chloro-3-methylphenol
Concen: 44.9127 ppm
RT: 4.165 min Scan# 482
Delta R.T. 0.008 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:107 Resp: 719715

Ion	Ratio	Lower	Upper
107	100		
144	24.7	0.0	55.9
142	76.9	43.8	103.8

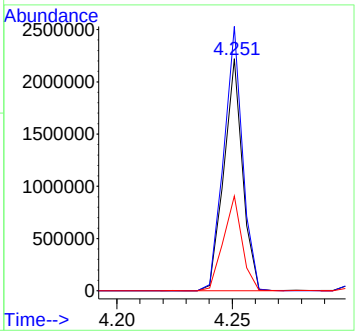


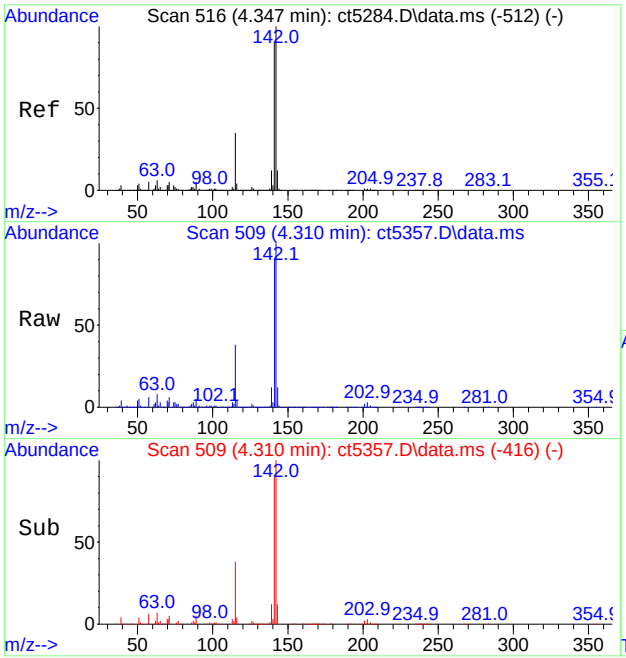


#44
2-Methylnaphthalene
Concen: 42.2210 ppm
RT: 4.251 min Scan# 498
Delta R.T. -0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:141 Resp: 1251102

Ion	Ratio	Lower	Upper
141	100		
142	113.9	85.2	145.2
115	40.8	9.7	69.7

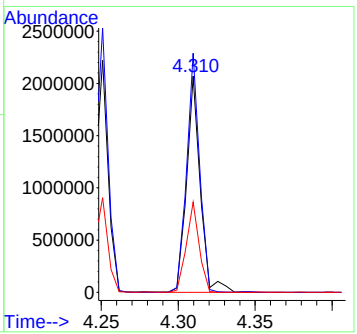


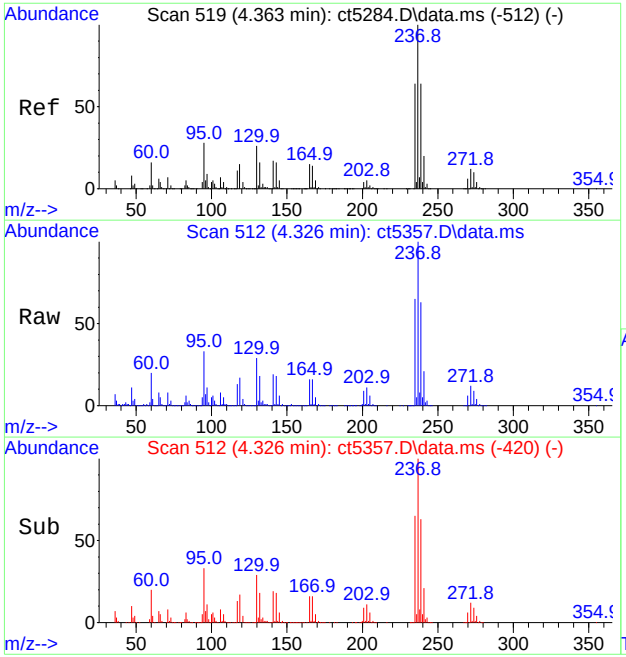


#45
1-Methylnaphthalene
Concen: 42.0511 ppm
RT: 4.310 min Scan# 509
Delta R.T. -0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:141 Resp: 1280692

Ion	Ratio	Lower	Upper
141	100		
142	110.7	80.8	140.8
115	41.8	10.8	70.8

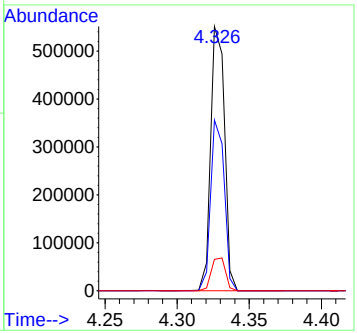


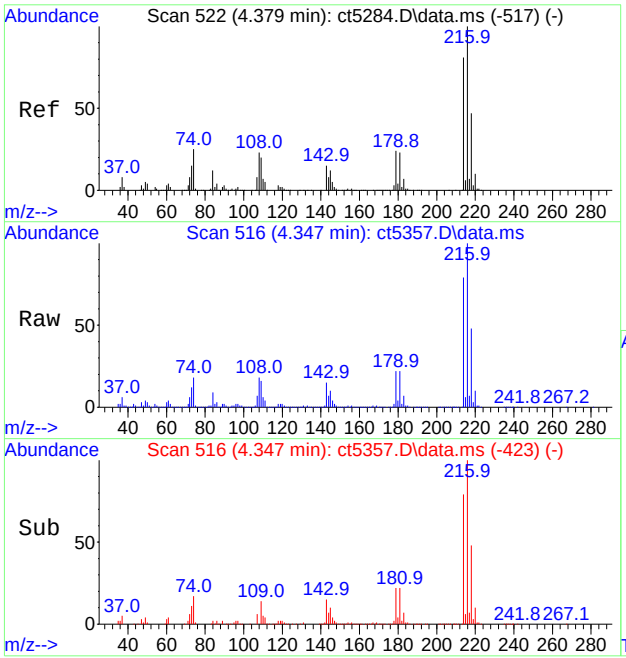


#47
Hexachlorocyclopentadiene
Concen: 58.1062 ppm
RT: 4.326 min Scan# 512
Delta R.T. -0.006 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:237 Resp: 369360

Ion	Ratio	Lower	Upper
237	100		
235	64.6	34.5	94.5
272	11.9	0.0	43.6

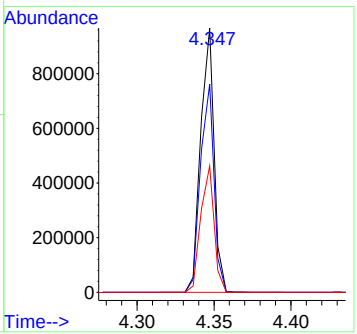


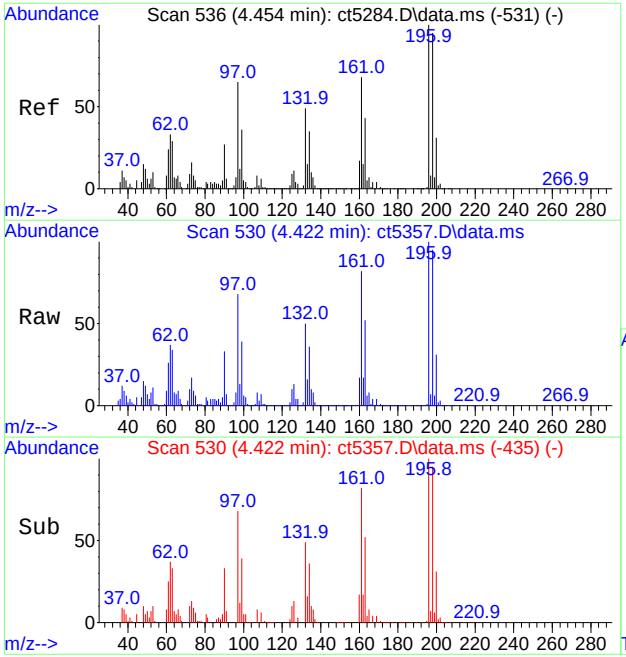


#48
1,2,4,5-tetrachlorobenzene
Concen: 44.0716 ppm
RT: 4.347 min Scan# 516
Delta R.T. -0.000 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:216 Resp: 589765

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.0
218	47.8	38.4	57.6

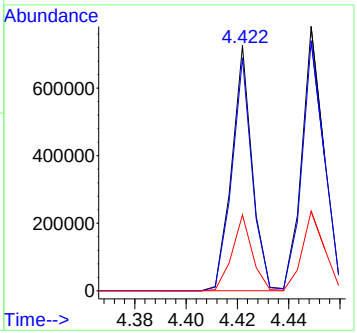


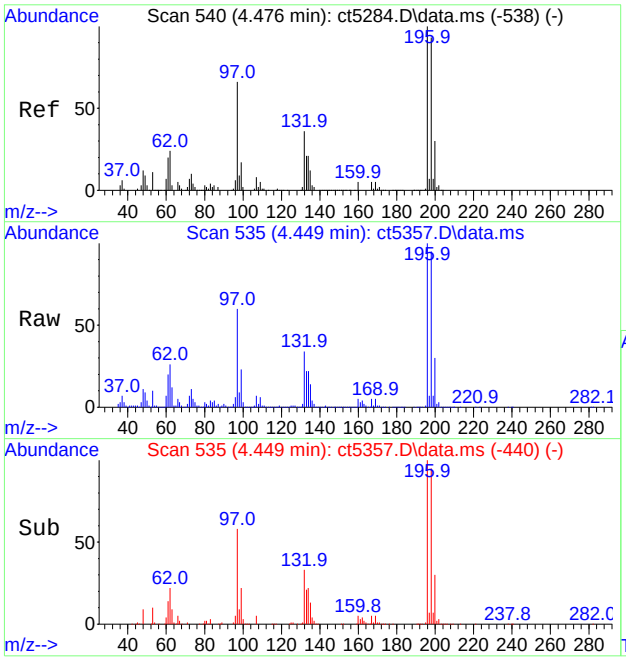


#49
2,4,6-Trichlorophenol
Concen: 45.2261 ppm
RT: 4.422 min Scan# 530
Delta R.T. 0.006 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:196 Resp: 403993

Ion	Ratio	Lower	Upper
196	100		
198	95.0	64.2	124.2
200	30.9	0.0	59.5

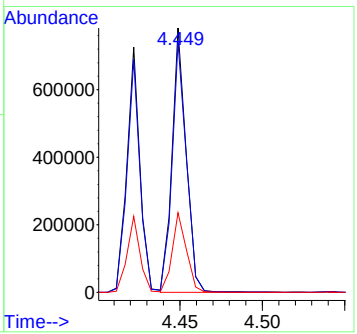


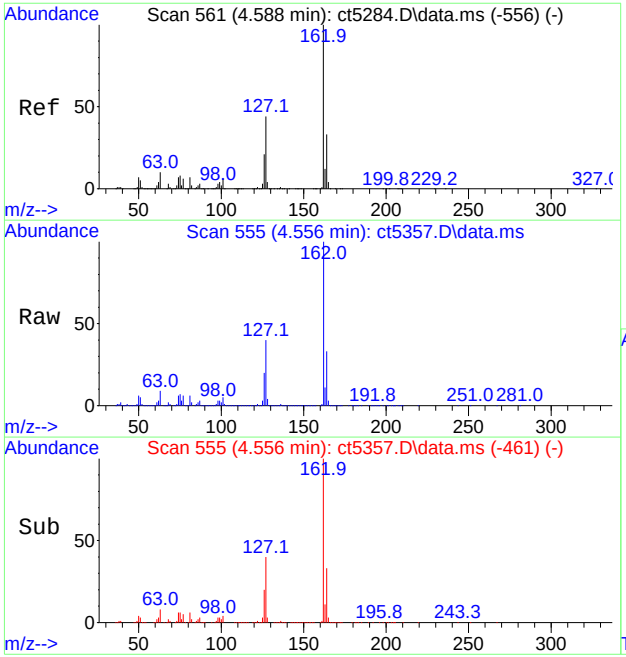


#50
2,4,5-Trichlorophenol
Concen: 46.1608 ppm
RT: 4.449 min Scan# 535
Delta R.T. 0.006 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:196 Resp: 467716

Ion	Ratio	Lower	Upper
196	100		
198	94.6	65.2	125.2
200	30.1	0.7	60.7

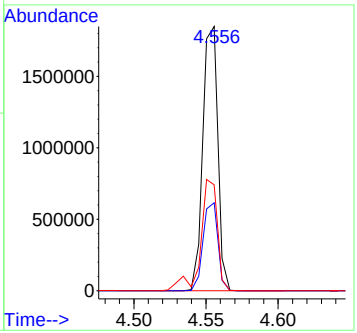


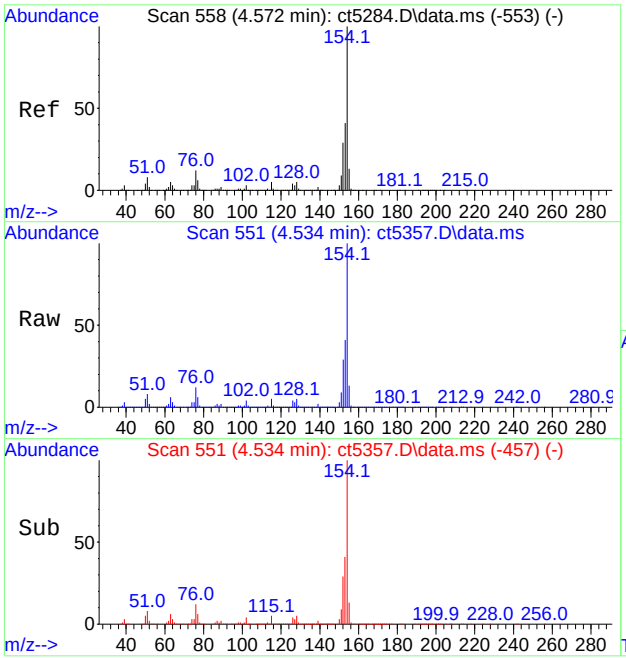


#52
2-Chloronaphthalene
Concen: 44.2904 ppm
RT: 4.556 min Scan# 555
Delta R.T. 0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:162 Resp: 1343363

Ion	Ratio	Lower	Upper
162	100		
164	33.3	2.8	62.8
127	40.0	11.0	71.0

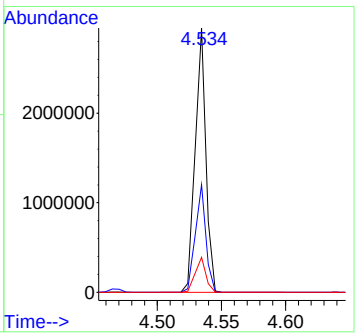


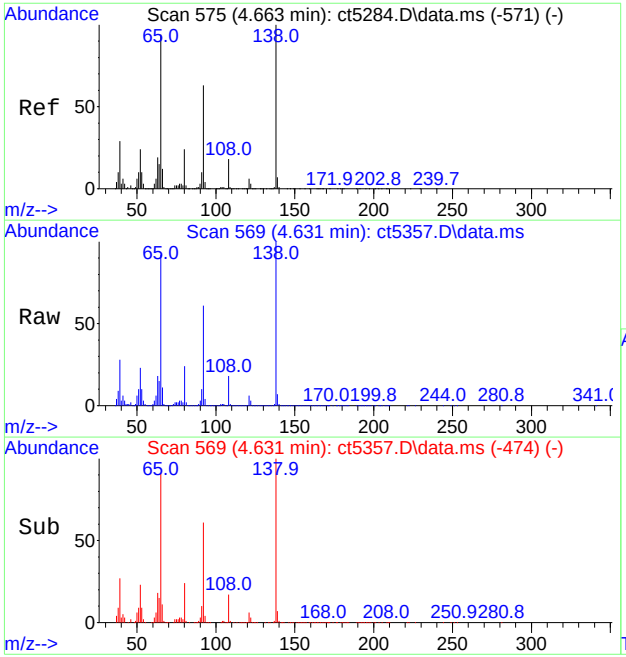


#53
Biphenyl
Concen: 43.7607 ppm
RT: 4.534 min Scan# 551
Delta R.T. 0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:154 Resp: 1711509

Ion	Ratio	Lower	Upper
154	100		
153	40.7	10.7	70.7
155	13.2	0.0	43.5

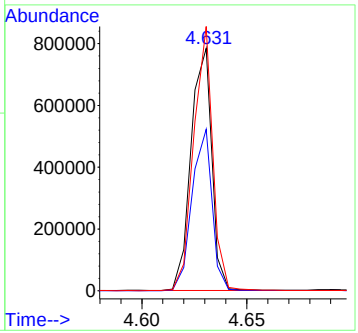


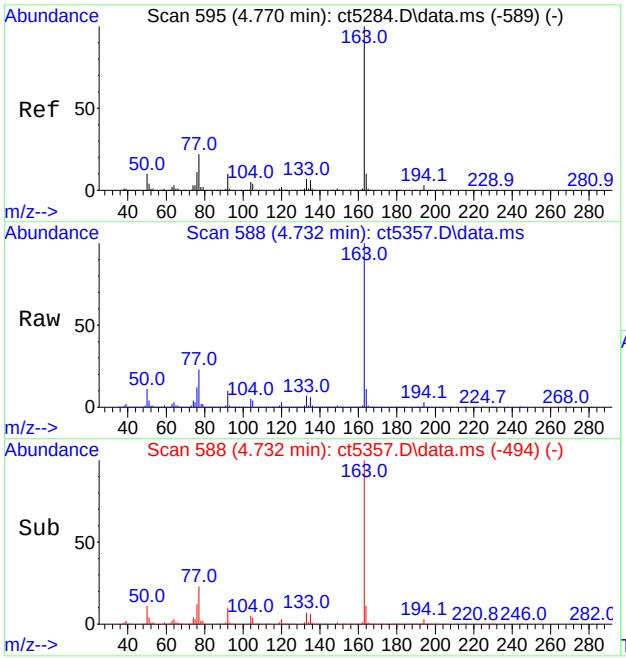


#54
2-Nitroaniline
Concen: 47.0204 ppm
RT: 4.631 min Scan# 569
Delta R.T. 0.008 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 65 Resp: 541951

Ion	Ratio	Lower	Upper
65	100		
92	66.7	34.6	94.6
138	109.2	67.0	127.0

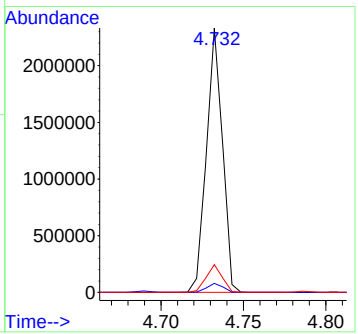


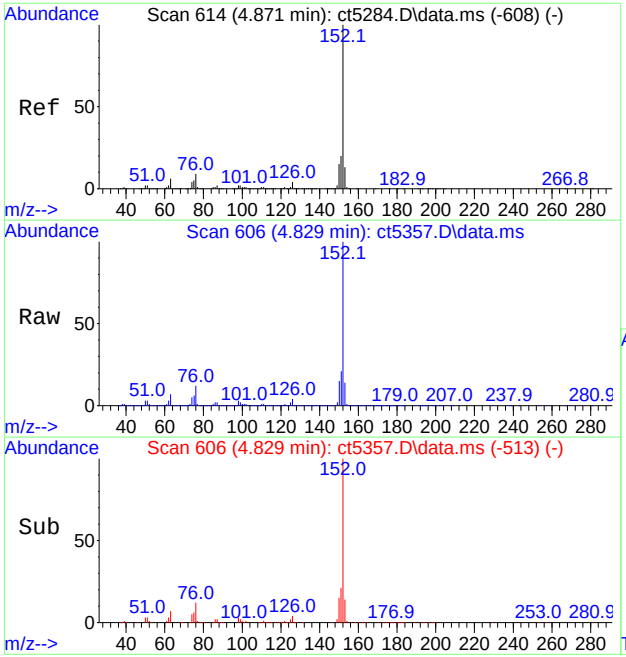


#55
Dimethylphthalate
Concen: 44.5232 ppm
RT: 4.732 min Scan# 588
Delta R.T. 0.004 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:163 Resp: 1573092

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	33.4
164	10.5	0.0	40.5

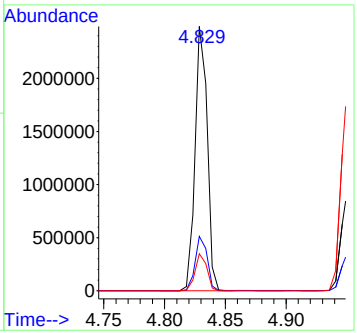


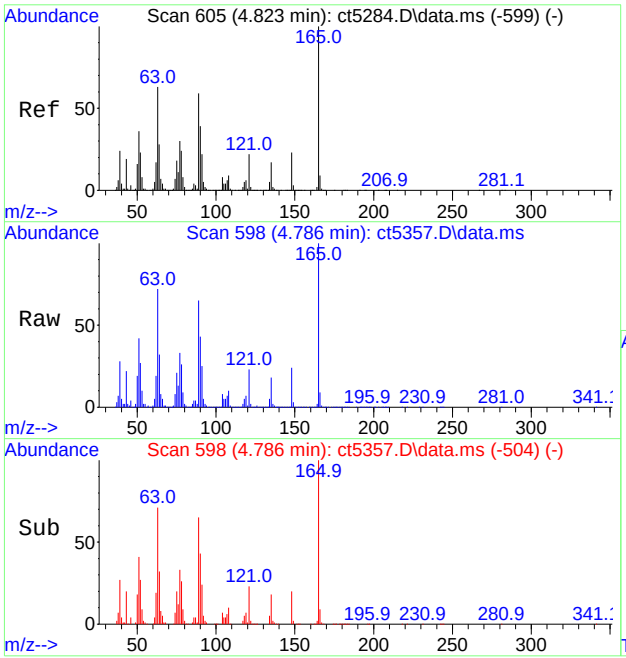


#56
Acenaphthylene
Concen: 37.0267 ppm
RT: 4.829 min Scan# 606
Delta R.T. -0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:152 Resp: 1744849

Ion	Ratio	Lower	Upper
152	100		
151	20.5	0.0	50.4
153	13.9	0.0	43.6

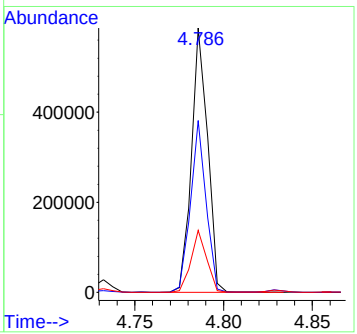


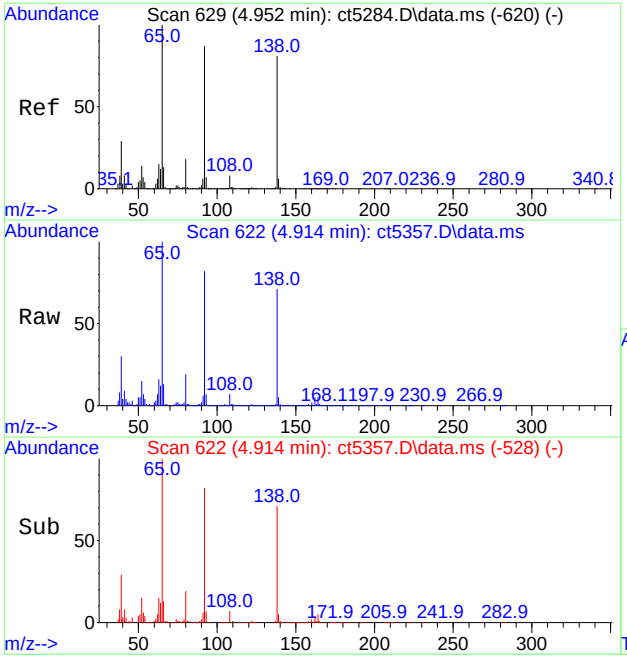


#57
2,6-Dinitrotoluene
Concen: 49.7827 ppm
RT: 4.786 min Scan# 598
Delta R.T. 0.005 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:165 Resp: 369079

Ion	Ratio	Lower	Upper
165	100		
89	64.7	34.4	94.4
121	23.1	0.0	53.3

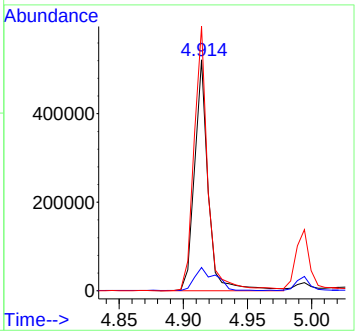


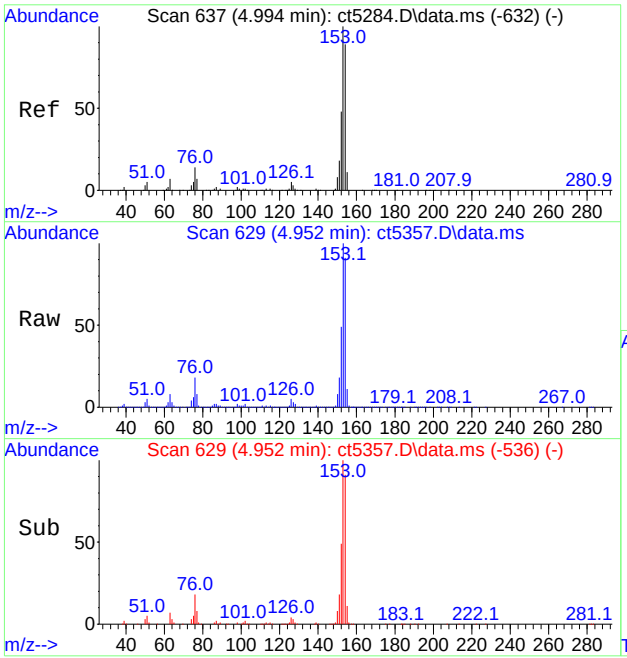


#58
3-Nitroaniline
Concen: 38.9491 ppm
RT: 4.914 min Scan# 622
Delta R.T. 0.005 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:138 Resp: 385451

Ion	Ratio	Lower	Upper
138	100		
108	10.0	0.0	40.1
92	114.6	84.8	144.8

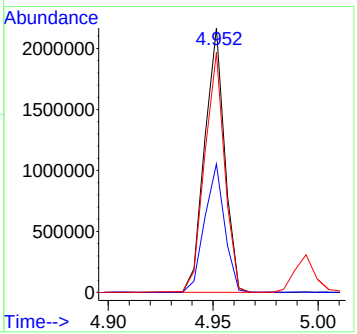


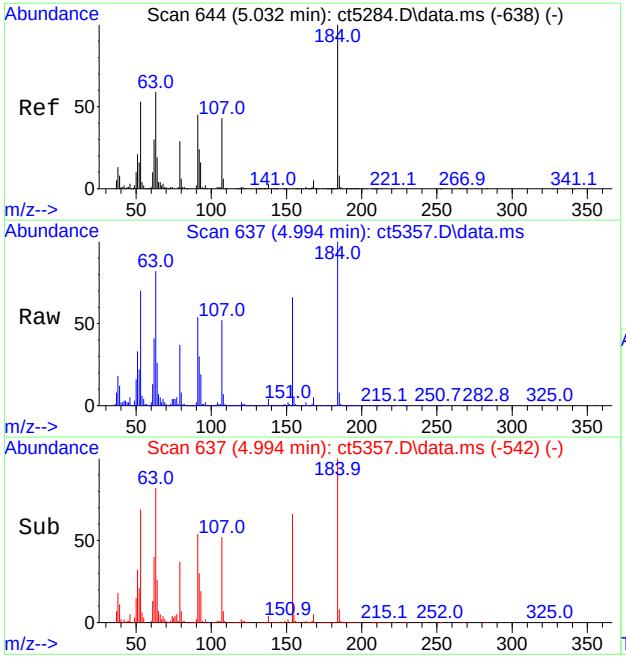


#59
Acenaphthene
Concen: 45.0646 ppm
RT: 4.952 min Scan# 629
Delta R.T. 0.000 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:153 Resp: 1436288

Ion	Ratio	Lower	Upper
153	100		
152	48.5	18.5	78.5
154	90.0	59.7	119.7

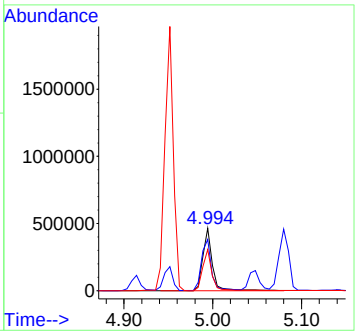


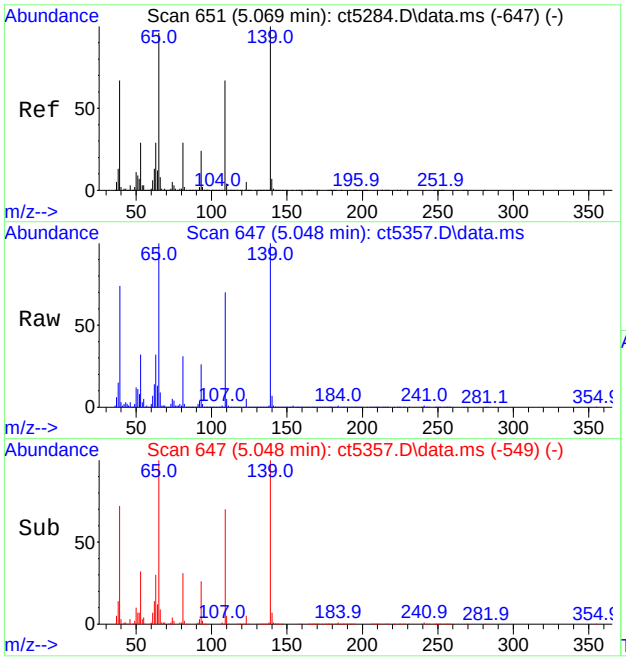


#60
2,4-Dinitrophenol
Concen: 73.5739 ppm
RT: 4.994 min Scan# 637
Delta R.T. 0.006 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:184 Resp: 346727

Ion	Ratio	Lower	Upper
184	100		
63	29.6	32.3	92.3#
154	47.4	29.0	89.0

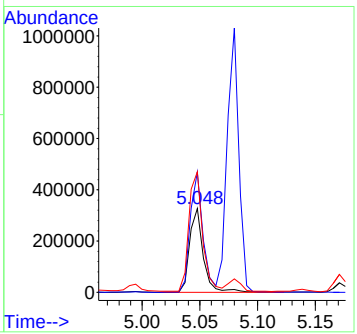


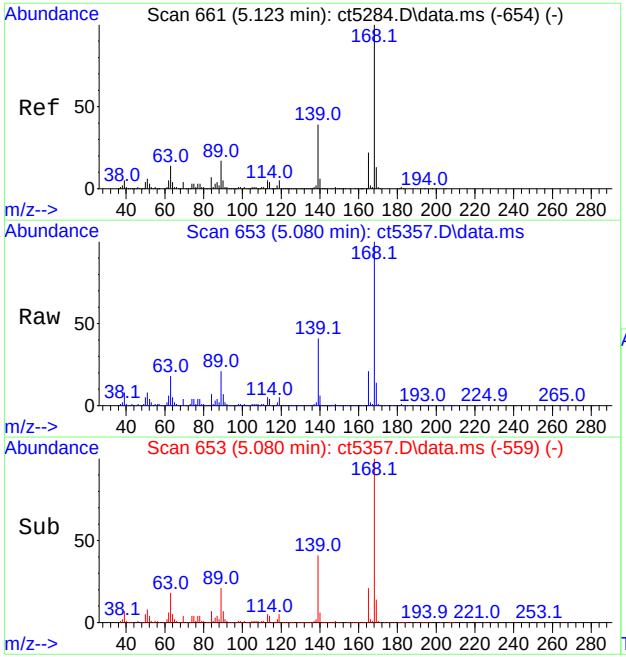


#61
4-Nitrophenol
Concen: 54.0574 ppm
RT: 5.048 min Scan# 647
Delta R.T. 0.023 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:109 Resp: 268400

Ion	Ratio	Lower	Upper
109	100		
139	143.6	118.3	178.3
65	142.7	113.1	173.1

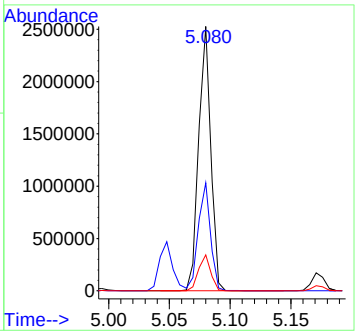


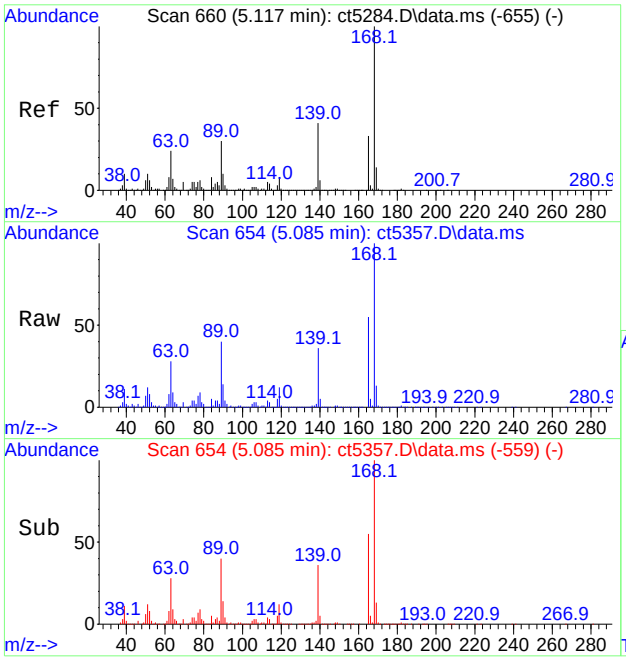


#62
Dibenzofuran
Concen: 42.2322 ppm
RT: 5.080 min Scan# 653
Delta R.T. 0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:168 Resp: 1767660

Ion	Ratio	Lower	Upper
168	100		
139	34.3	11.5	71.5
169	13.6	0.0	43.8

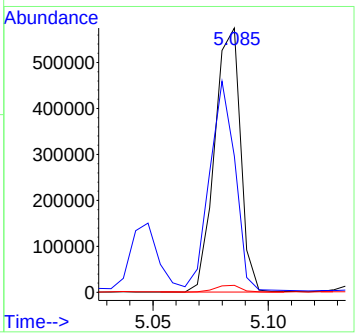


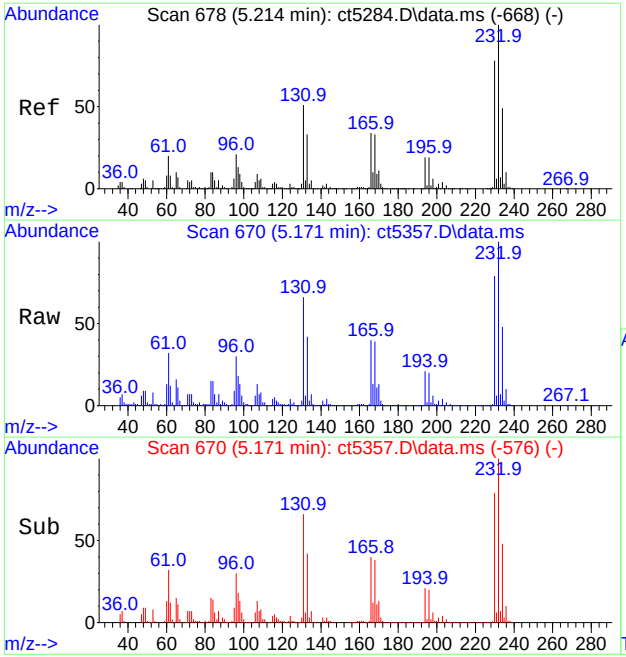


#63
2,4-Dinitrotoluene
Concen: 46.4020 ppm
RT: 5.085 min Scan# 654
Delta R.T. 0.007 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:165 Resp: 449514

Ion	Ratio	Lower	Upper
165	100		
63	45.9	35.6	95.6
182	2.5	0.0	32.5

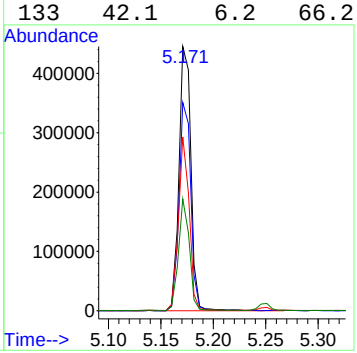


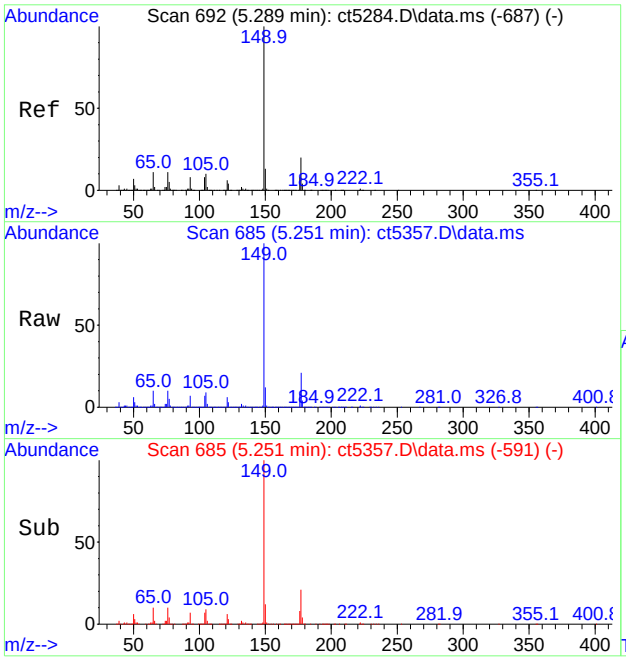


#64
2,3,4,6-Tetrachlorophenol
Concen: 46.3201 ppm
RT: 5.171 min Scan# 670
Delta R.T. 0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:232 Resp: 353144

Ion	Ratio	Lower	Upper
232	100		
230	78.8	48.2	108.2
131	65.6	25.8	85.8
133	42.1	6.2	66.2

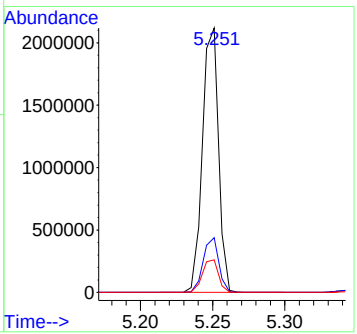


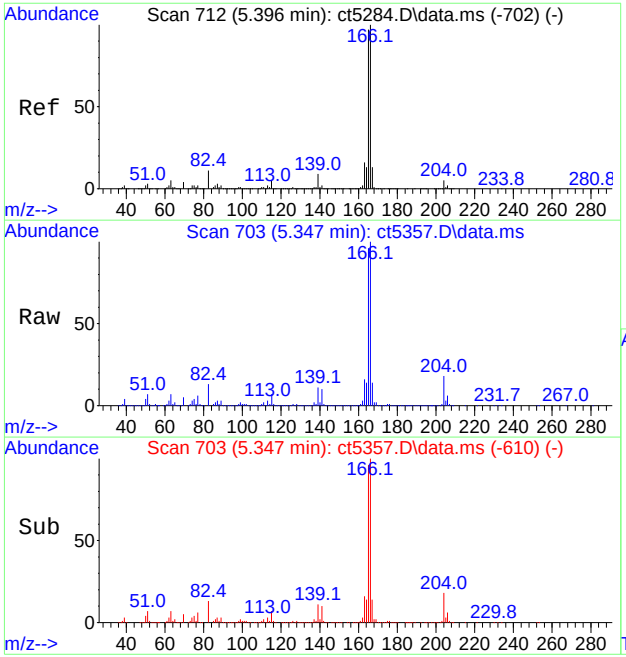


#65
Diethylphthalate
Concen: 45.3069 ppm
RT: 5.251 min Scan# 685
Delta R.T. 0.003 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:149 Resp: 1645225

Ion	Ratio	Lower	Upper
149	100		
177	20.7	0.0	50.7
150	12.3	0.0	42.5

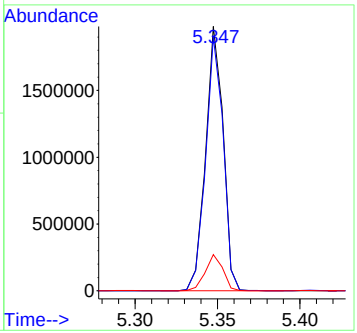


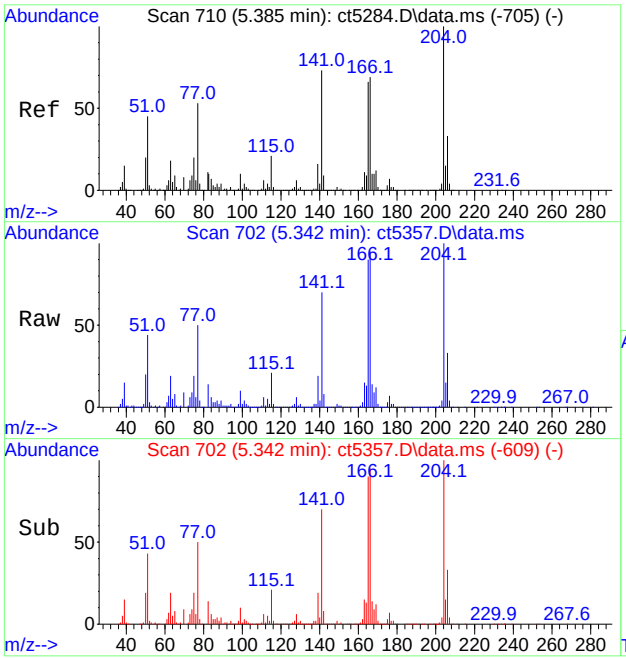


#66
Fluorene
Concen: 44.3243 ppm
RT: 5.347 min Scan# 703
Delta R.T. -0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:166 Resp: 1463432

Ion	Ratio	Lower	Upper
166	100		
165	96.0	67.6	127.6
167	13.6	0.0	43.4

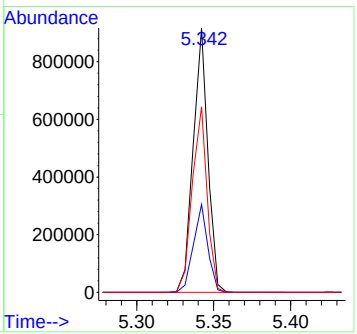




#67
4-Chlorophenyl-phenylether
Concen: 42.5702 ppm
RT: 5.342 min Scan# 702
Delta R.T. -0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

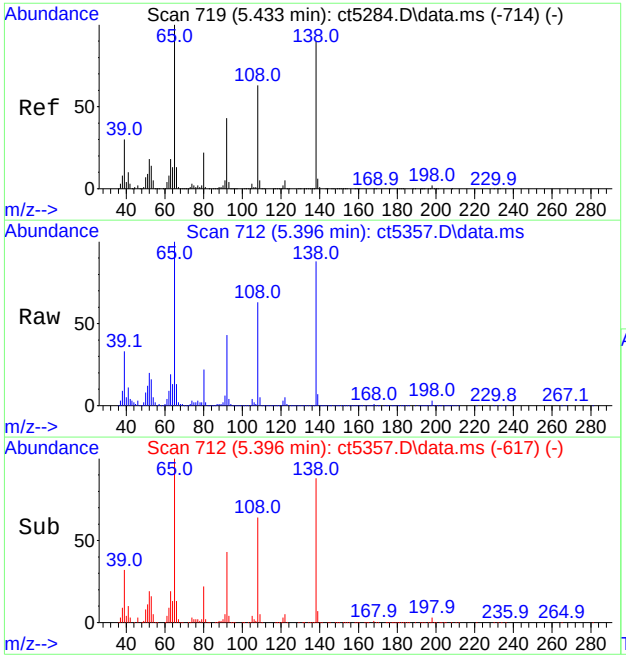
Tgt Ion:204 Resp: 609225

Ion	Ratio	Lower	Upper
204	100		
206	33.3	2.9	62.9
141	70.2	34.9	94.9



7.6.24

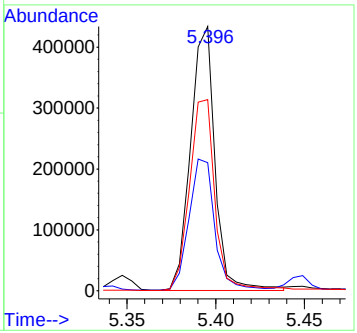
7

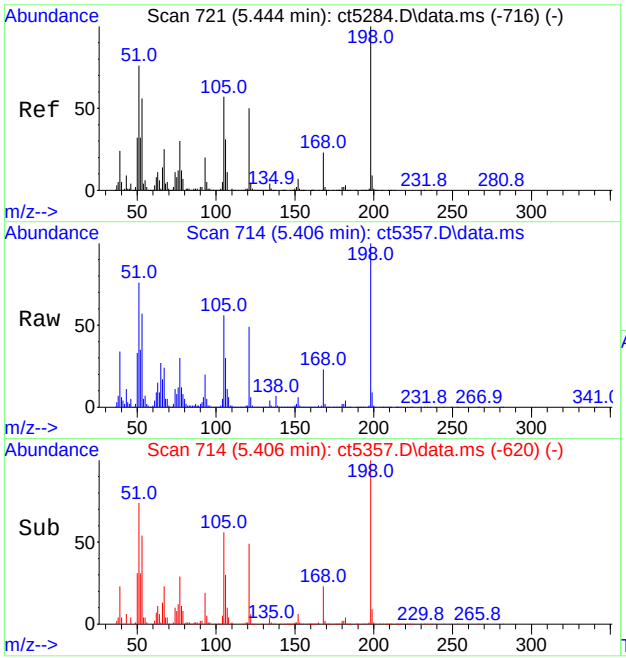


#68
4-Nitroaniline
Concen: 44.7292 ppm
RT: 5.396 min Scan# 712
Delta R.T. 0.010 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:138 Resp: 415524

Ion	Ratio	Lower	Upper
138	100		
92	47.6	20.2	80.2
108	72.3	41.6	101.6

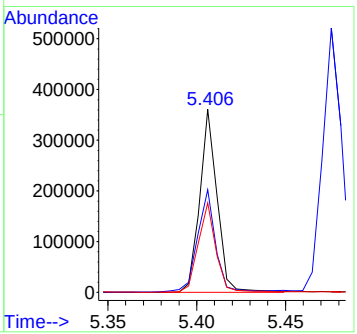


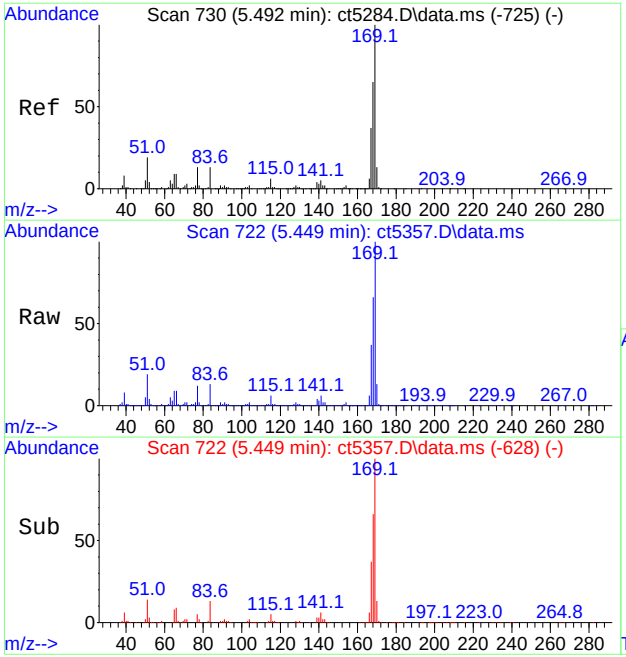


#70
4,6-Dinitro-2-methylphenol
Concen: 45.0477 ppm
RT: 5.406 min Scan# 714
Delta R.T. 0.004 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:198 Resp: 245300

Ion	Ratio	Lower	Upper
198	100		
105	55.5	15.6	75.6
121	48.9	11.4	71.4

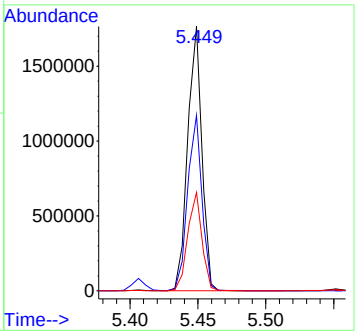


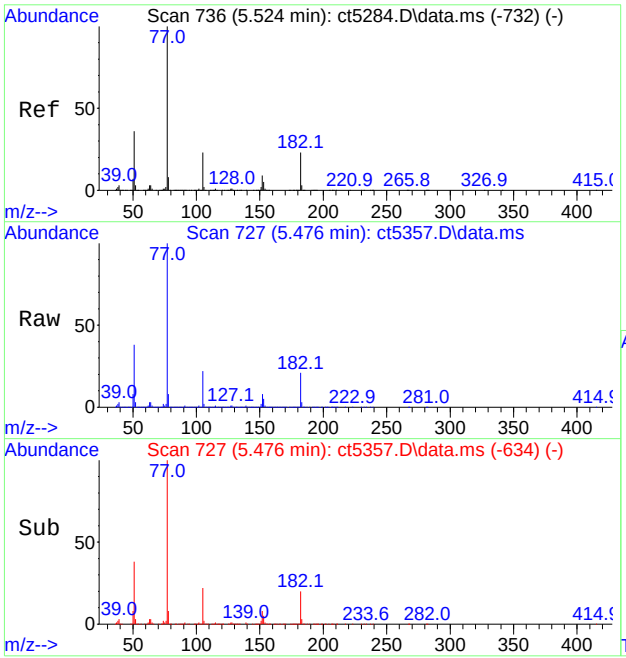


#71
n-Nitrosodiphenylamine
Concen: 43.9971 ppm
RT: 5.449 min Scan# 722
Delta R.T. 0.004 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:169 Resp: 1291707

Ion	Ratio	Lower	Upper
169	100		
168	66.3	36.0	96.0
167	37.1	6.2	66.2

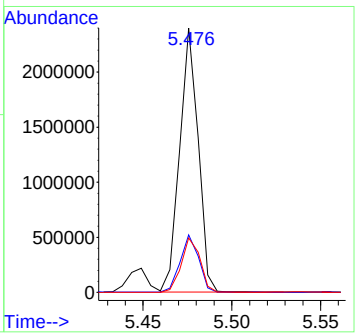


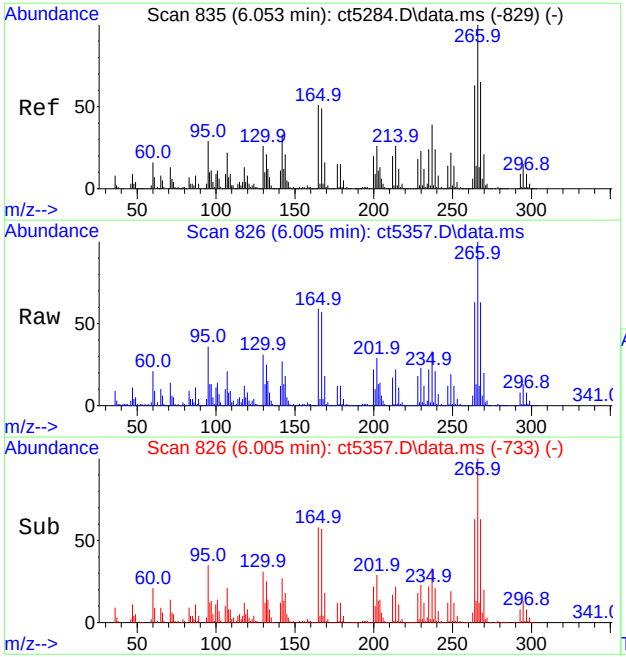


#72
1,2-Diphenylhydrazine
Concen: 46.4644 ppm
RT: 5.476 min Scan# 727
Delta R.T. -0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 77 Resp: 1749293

Ion	Ratio	Lower	Upper
77	100		
105	21.7	0.0	51.9
182	20.5	0.0	51.0

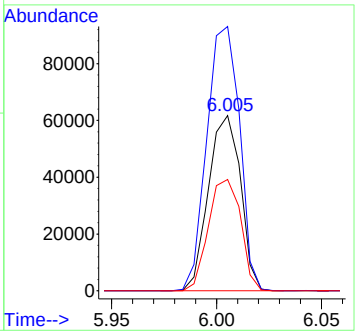


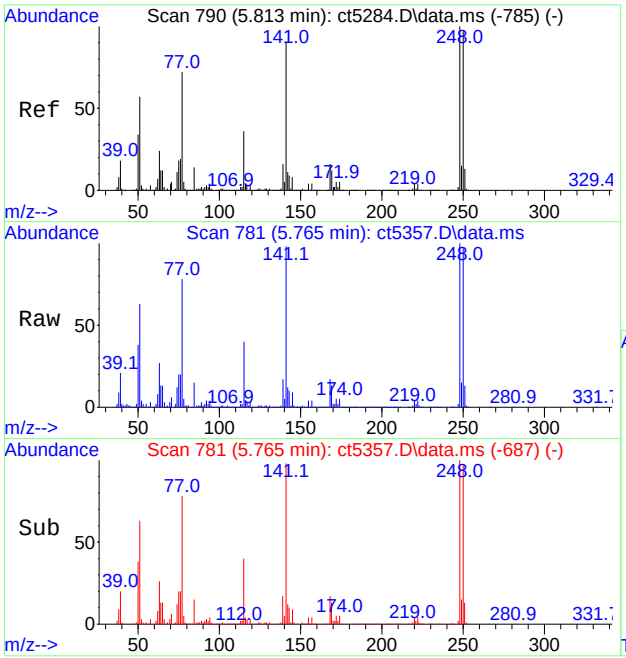


#73
pentachloronitrobenzene
Concen: 46.1333 ppm
RT: 6.005 min Scan# 826
Delta R.T. -0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:295 Resp: 65827

Ion	Ratio	Lower	Upper
295	100		
249	154.0	121.8	182.8
297	64.0	51.7	77.5

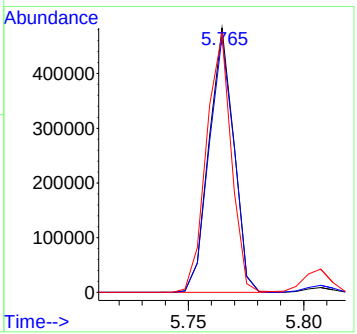


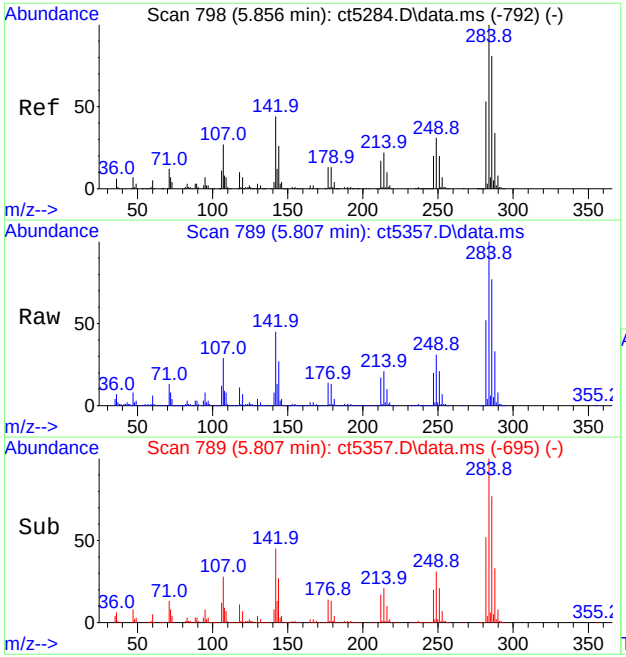


#75
4-Bromophenyl-phenylether
Concen: 44.2063 ppm
RT: 5.765 min Scan# 781
Delta R.T. 0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:248 Resp: 361958

Ion	Ratio	Lower	Upper
248	100		
250	96.6	65.9	125.9
141	97.6	68.1	128.1

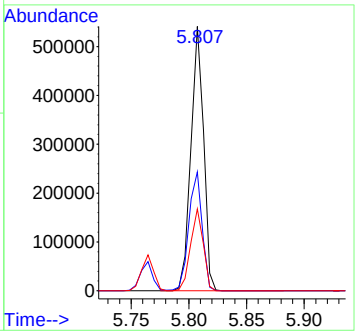


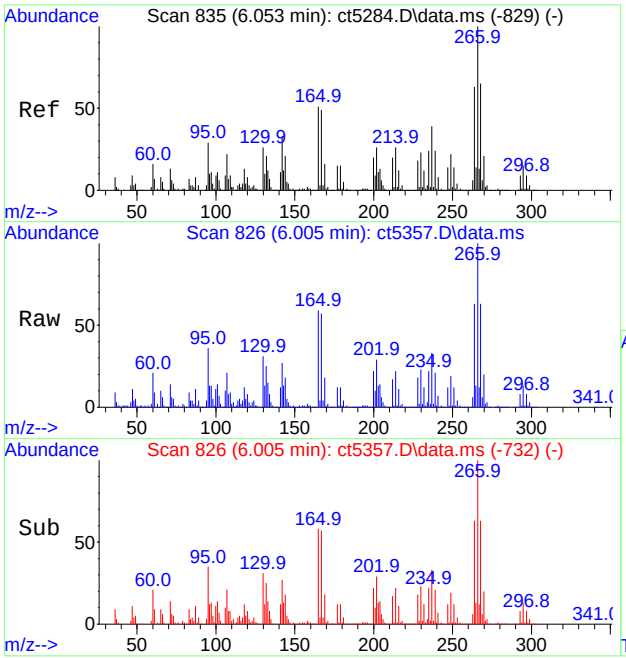


#76
Hexachlorobenzene
Concen: 44.4946 ppm
RT: 5.807 min Scan# 789
Delta R.T. 0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:284 Resp: 413840

Ion	Ratio	Lower	Upper
284	100		
142	44.8	17.4	77.4
249	30.6	0.0	59.7

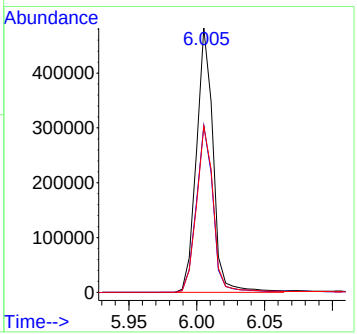


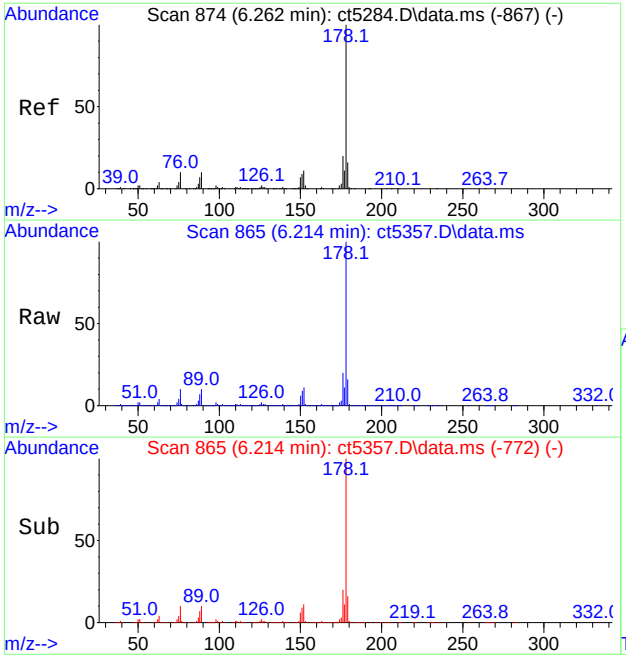


#77
Pentachlorophenol
Concen: 85.6515 ppm
RT: 6.005 min Scan# 826
Delta R.T. 0.003 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:266 Resp: 411772

Ion	Ratio	Lower	Upper
266	100		
264	63.0	32.9	92.9
268	62.8	33.4	93.4

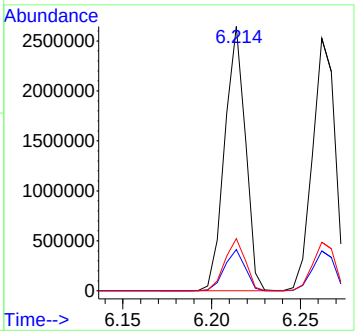


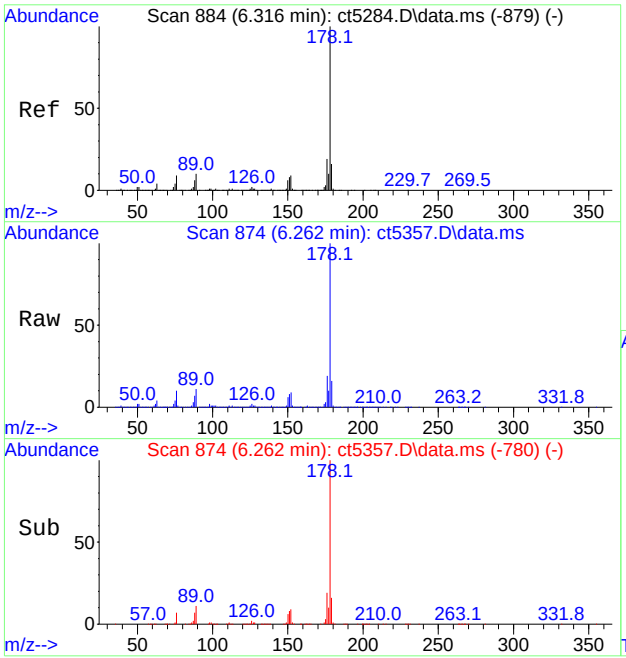


#78
Phenanthrene
Concen: 44.0828 ppm
RT: 6.214 min Scan# 865
Delta R.T. -0.000 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:178 Resp: 2142777

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	46.1
176	19.7	0.0	50.2

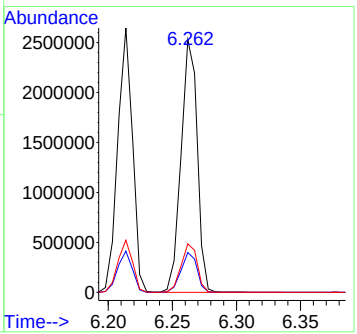


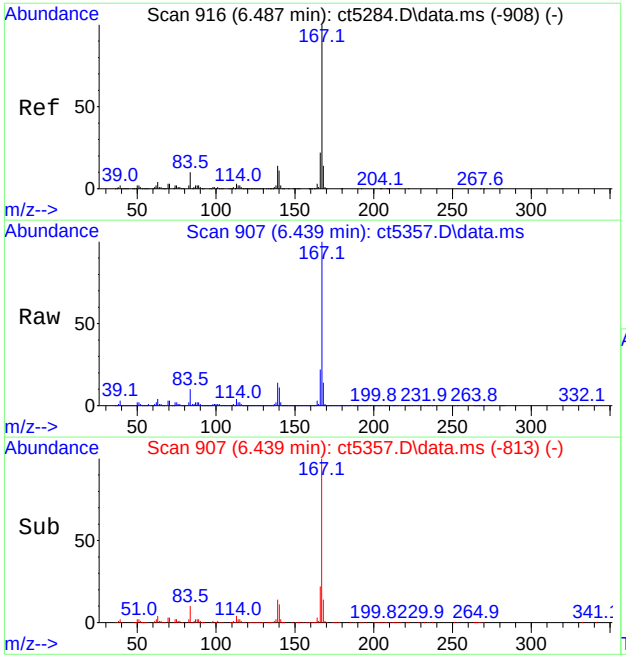


#79
Anthracene
Concen: 45.1931 ppm
RT: 6.262 min Scan# 874
Delta R.T. 0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:178 Resp: 2225013

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	45.8
176	19.2	0.0	49.2

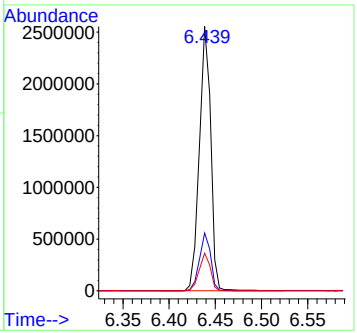


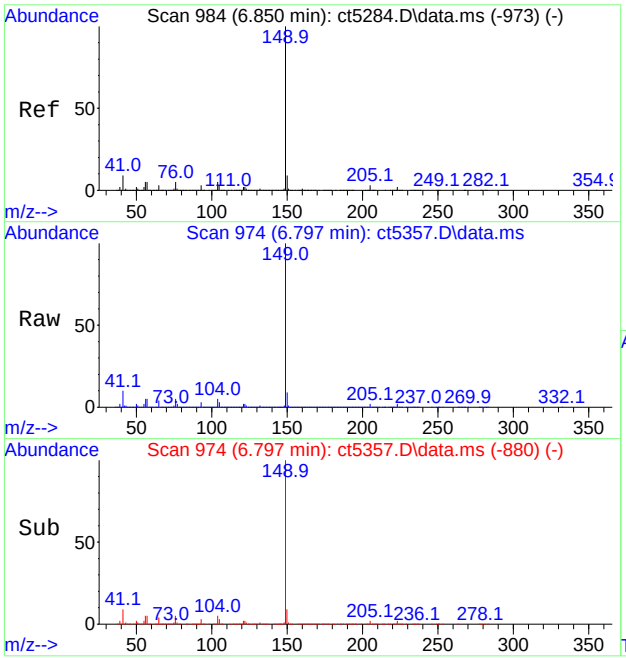


#80
Carbazole
Concen: 46.1007 ppm
RT: 6.439 min Scan# 907
Delta R.T. 0.003 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:167 Resp: 2186140

Ion	Ratio	Lower	Upper
167	100		
166	21.8	0.0	51.5
139	14.2	0.0	43.6

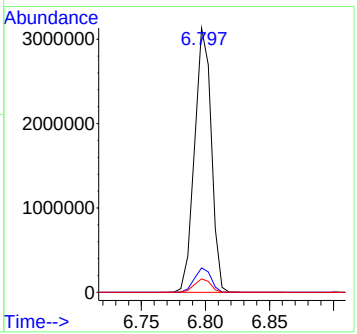


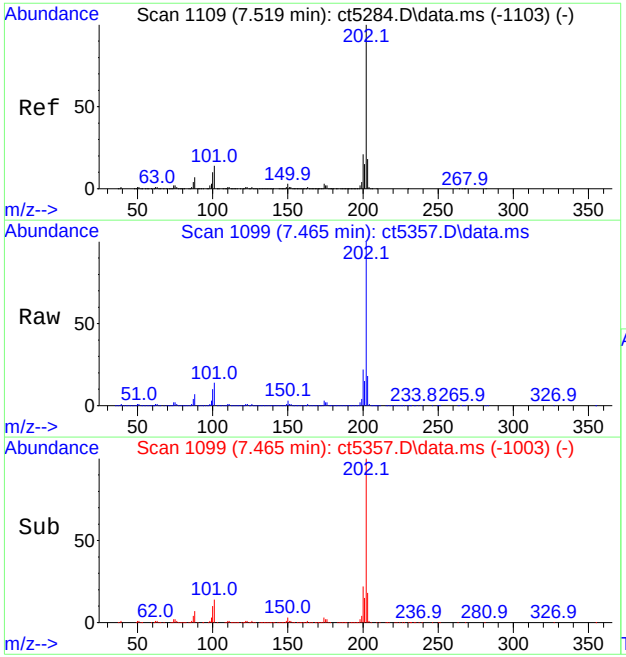


#81
Di-n-butylphthalate
Concen: 49.5423 ppm
RT: 6.797 min Scan# 974
Delta R.T. 0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:149 Resp: 2843071

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	39.2
104	5.1	0.0	34.7

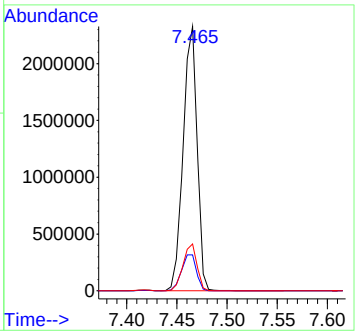


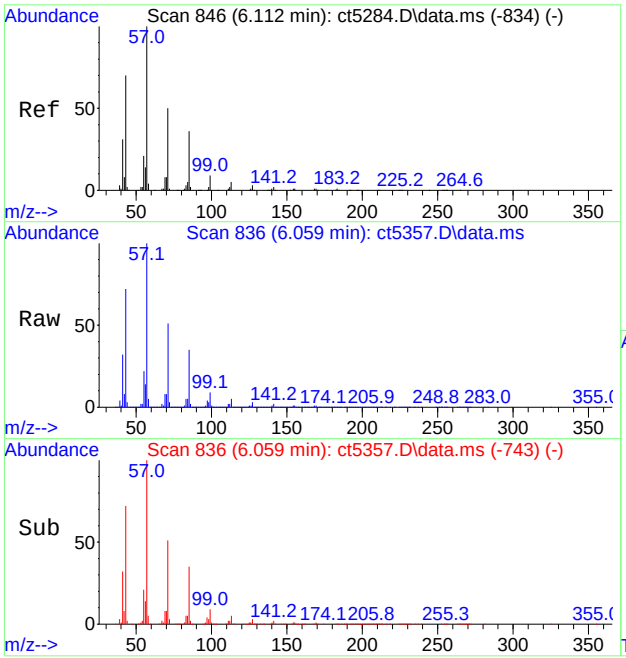


#82
Fluoranthene
Concen: 45.0066 ppm
RT: 7.465 min Scan# 1099
Delta R.T. 0.012 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:202 Resp: 2245702

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	45.1
203	17.7	0.0	47.9

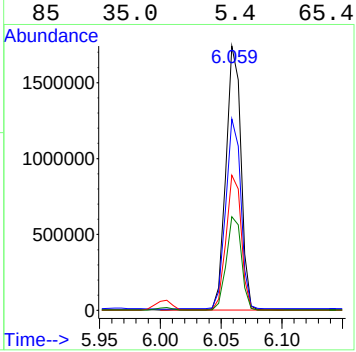


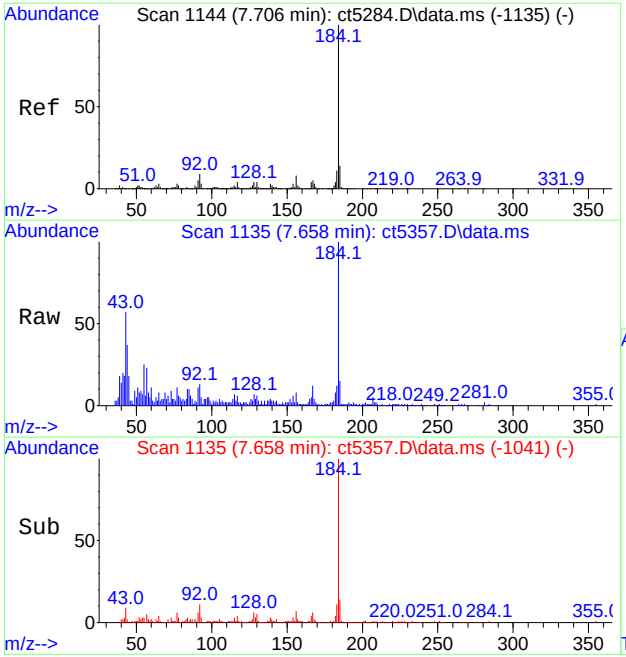


#83
Octadecane
Concen: 46.9804 ppm
RT: 6.059 min Scan# 836
Delta R.T. -0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion: 57 Resp: 1503487

Ion	Ratio	Lower	Upper
57	100		
43	72.0	41.3	101.3
71	49.5	22.1	82.1
85	35.0	5.4	65.4

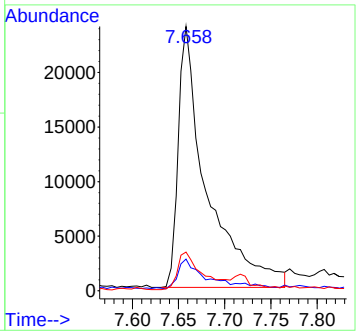


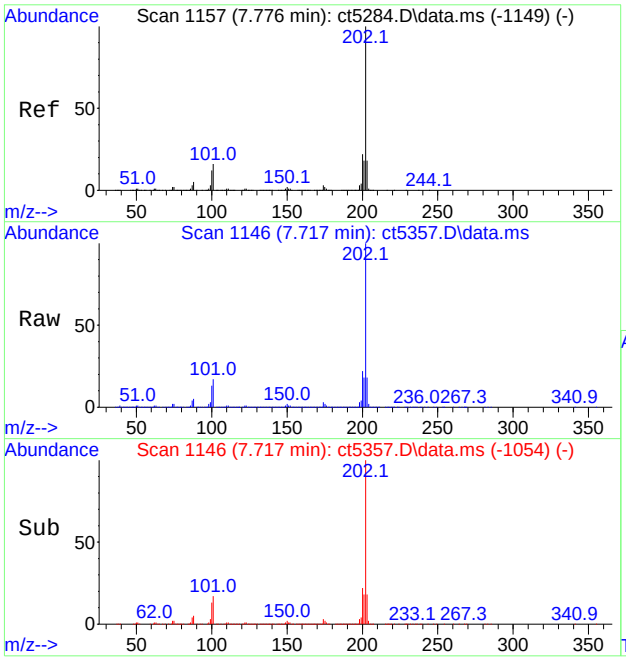


#85
benzidine
Concen: 1.6687 ppm
RT: 7.658 min Scan# 1135
Delta R.T. 0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:184 Resp: 51493

Ion	Ratio	Lower	Upper
184	100		
183	11.6	9.1	13.7
185	12.3	11.1	16.7

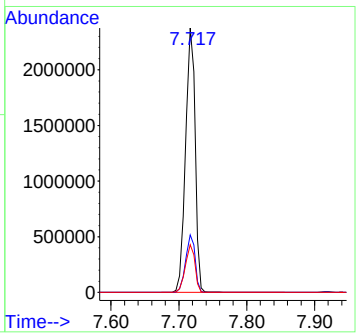


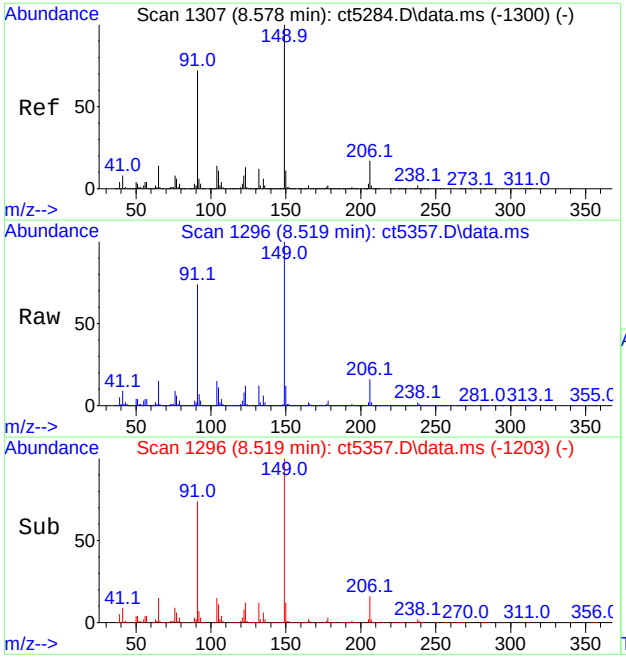


#86
Pyrene
Concen: 49.2597 ppm
RT: 7.717 min Scan# 1146
Delta R.T. -0.010 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:202 Resp: 2357636

Ion	Ratio	Lower	Upper
202	100		
200	21.8	0.0	51.5
203	18.0	0.0	47.8

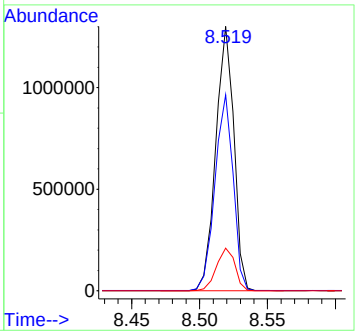


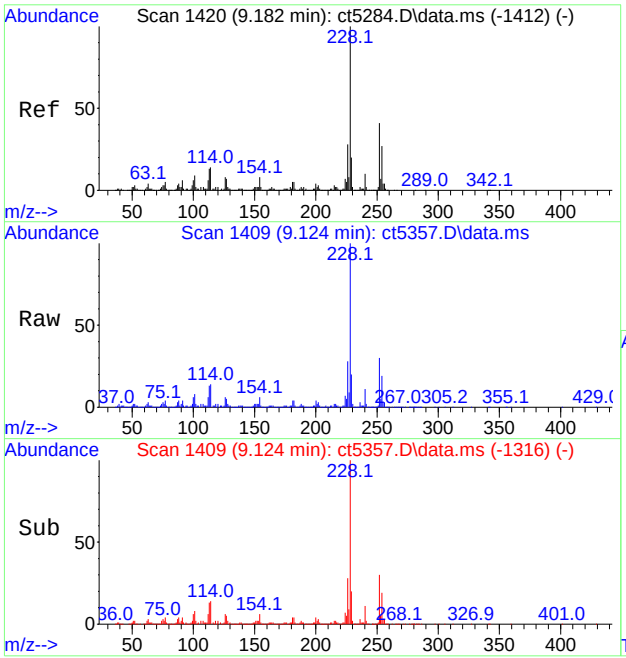


#88
Butylbenzylphthalate
Concen: 50.9072 ppm
RT: 8.519 min Scan# 1296
Delta R.T. -0.004 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:149 Resp: 1201400

Ion	Ratio	Lower	Upper
149	100		
91	74.0	39.4	99.4
206	16.2	0.0	46.7

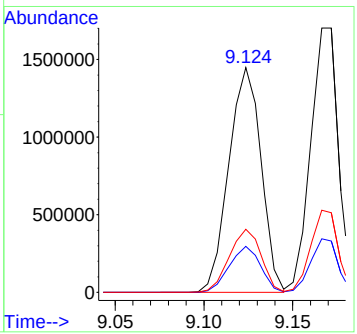


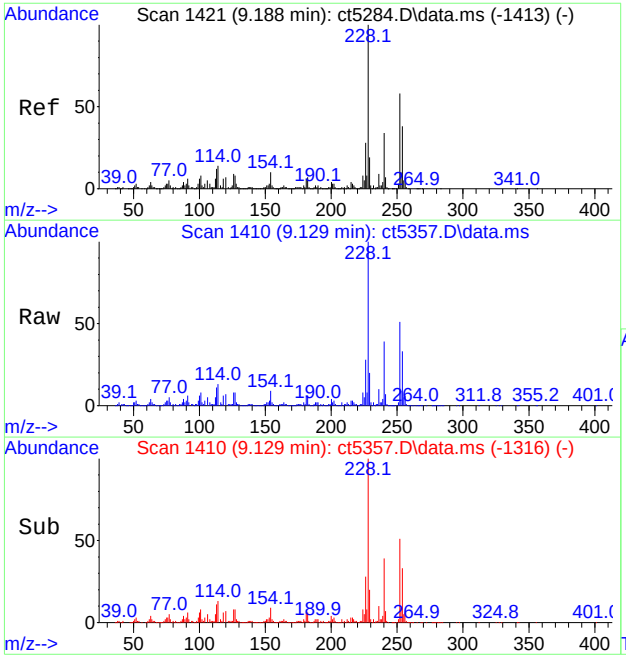


#89
Benzo[a]anthracene
Concen: 47.1529 ppm
RT: 9.124 min Scan# 1409
Delta R.T. -0.000 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:228 Resp: 1833920

Ion	Ratio	Lower	Upper
228	100		
229	20.5	0.0	50.1
226	28.1	0.0	58.2

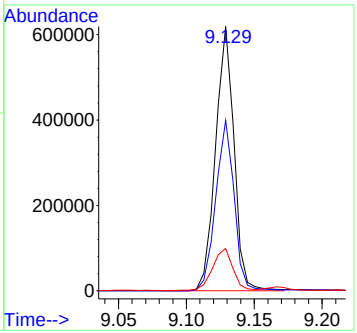


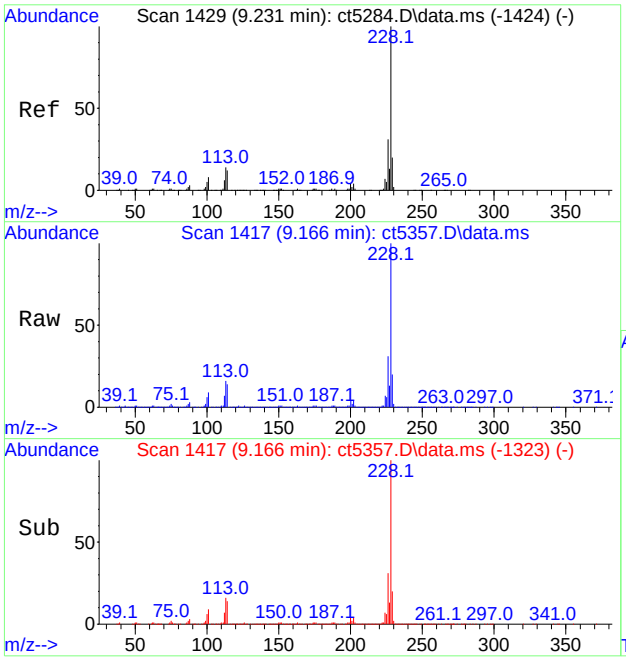


#90
3,3'-Dichlorobenzidine
Concen: 42.6620 ppm
RT: 9.129 min Scan# 1410
Delta R.T. 0.005 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:252 Resp: 584348

Ion	Ratio	Lower	Upper
252	100		
254	64.4	33.8	93.8
126	15.4	0.0	47.4

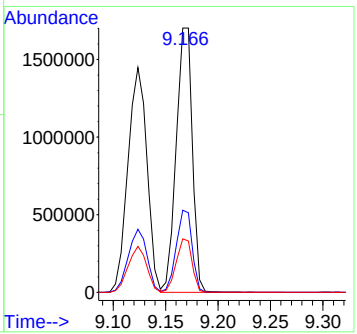


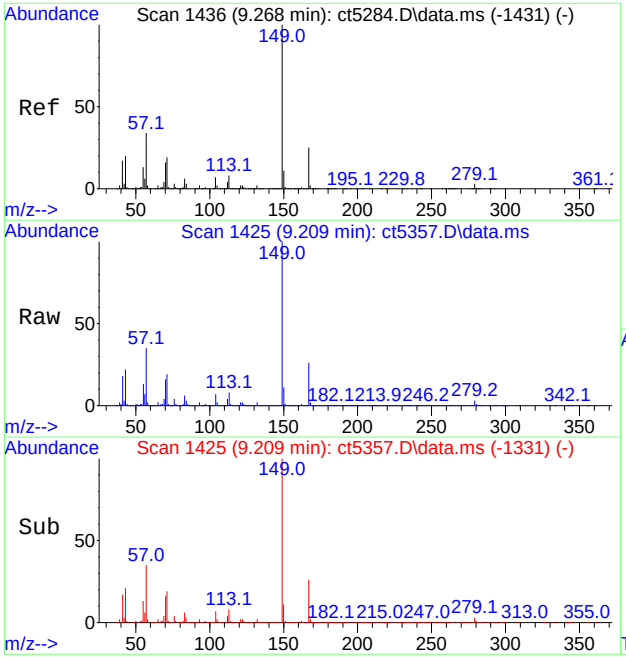


#91
Chrysene
Concen: 45.3913 ppm
RT: 9.166 min Scan# 1417
Delta R.T. 0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:228 Resp: 1826992

Ion	Ratio	Lower	Upper
228	100		
226	31.1	0.6	60.6
229	20.3	0.0	49.6

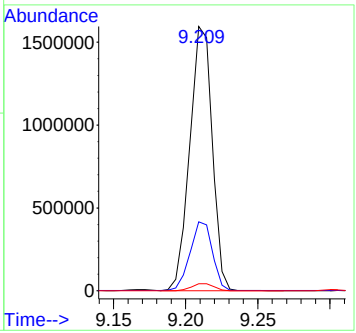


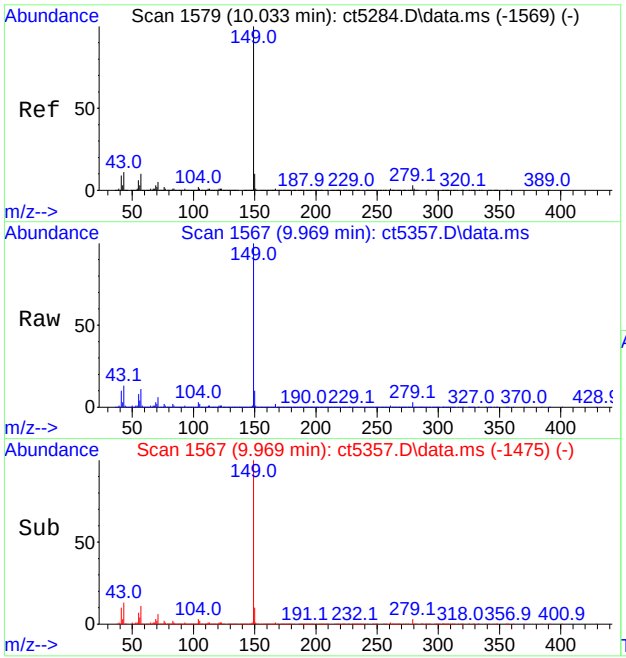


#92
bis(2-Ethylhexyl)phthalate
Concen: 52.2037 ppm
RT: 9.209 min Scan# 1425
Delta R.T. 0.001 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:149 Resp: 1722571

Ion	Ratio	Lower	Upper
149	100		
167	26.0	0.0	56.2
279	2.6	0.0	32.9

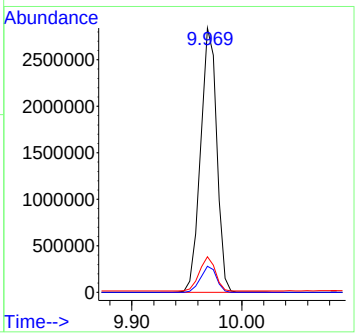


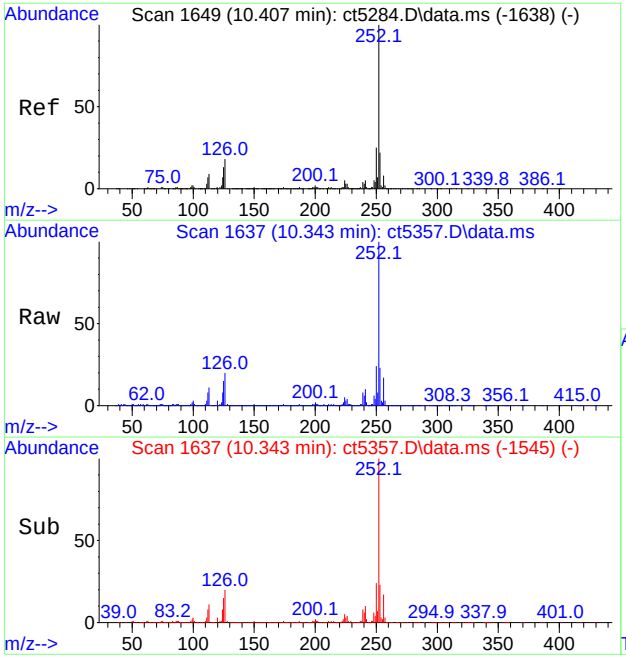


#94
Di-n-octylphthalate
Concen: 50.2847 ppm
RT: 9.969 min Scan# 1567
Delta R.T. -0.009 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:149 Resp: 2905135

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	40.0
43	12.9	0.0	42.5

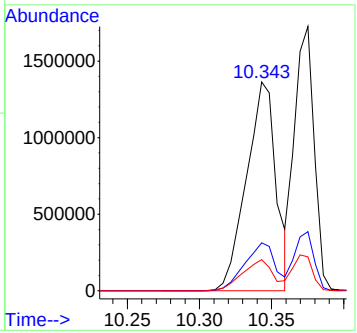


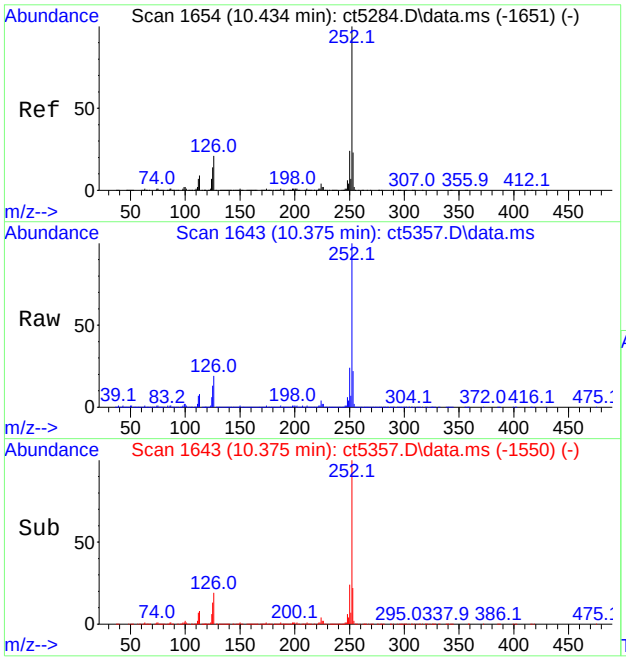


#95
Benzo[b]fluoranthene
Concen: 48.0582 ppm
RT: 10.343 min Scan# 1637
Delta R.T. -0.007 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:252 Resp: 1949205

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	53.2
125	14.7	0.0	44.2

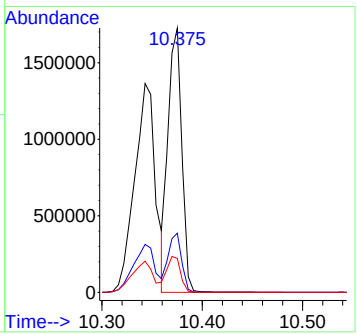


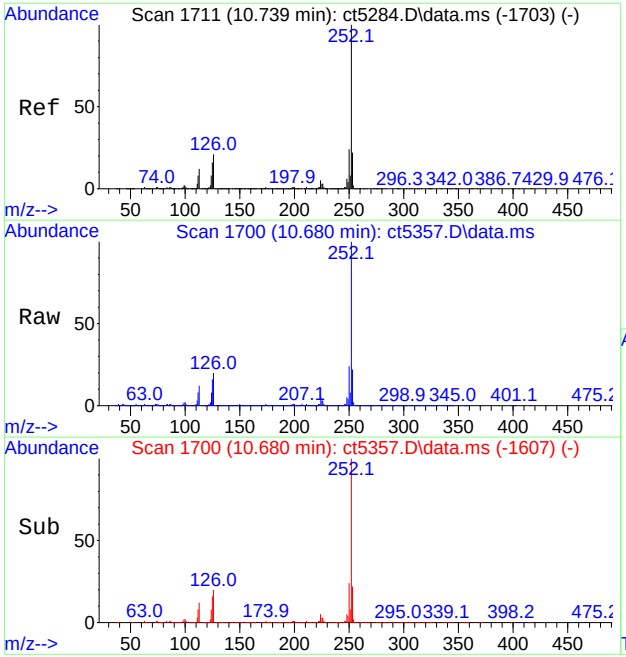


#96
Benzo[k]fluoranthene
Concen: 40.6221 ppm
RT: 10.375 min Scan# 1643
Delta R.T. -0.002 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:252 Resp: 1645114

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	52.5
125	12.3	0.0	45.1

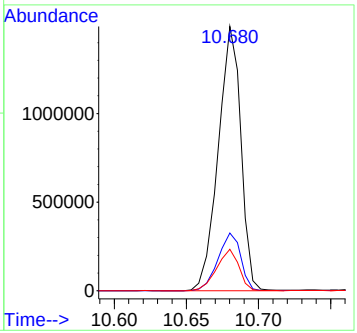


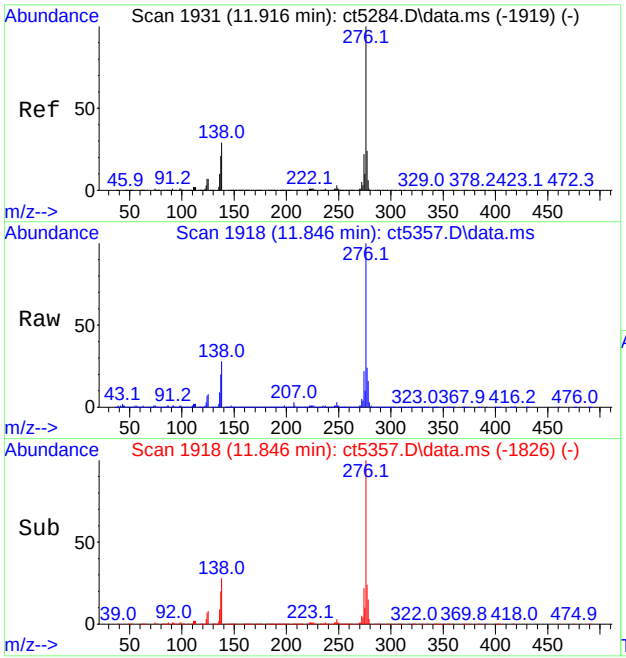


#97
Benzo[a]pyrene
Concen: 45.2746 ppm
RT: 10.680 min Scan# 1700
Delta R.T. -0.005 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:252 Resp: 1626668

Ion	Ratio	Lower	Upper
252	100		
253	21.8	0.0	52.4
125	15.6	0.0	44.9

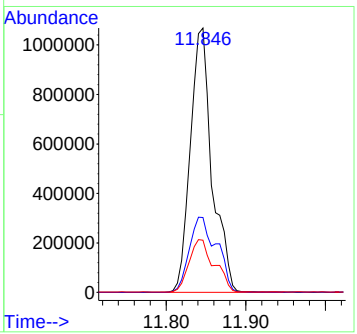




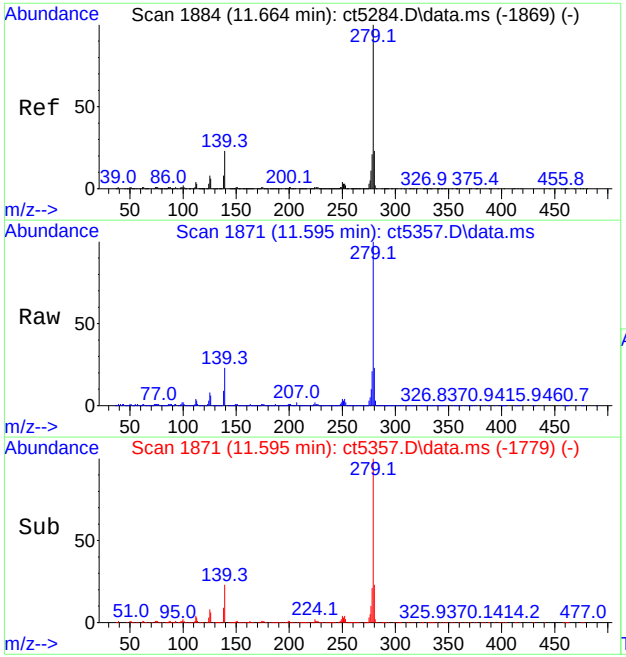
#98
Indeno[1,2,3-cd]pyrene
Concen: 46.1509 ppm
RT: 11.846 min Scan# 1918
Delta R.T. -0.010 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:276 Resp: 2027276

Ion	Ratio	Lower	Upper
276	100		
138	28.3	0.0	59.2
137	19.5	0.0	50.7



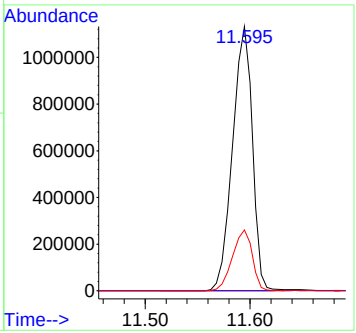
7.6.24
7

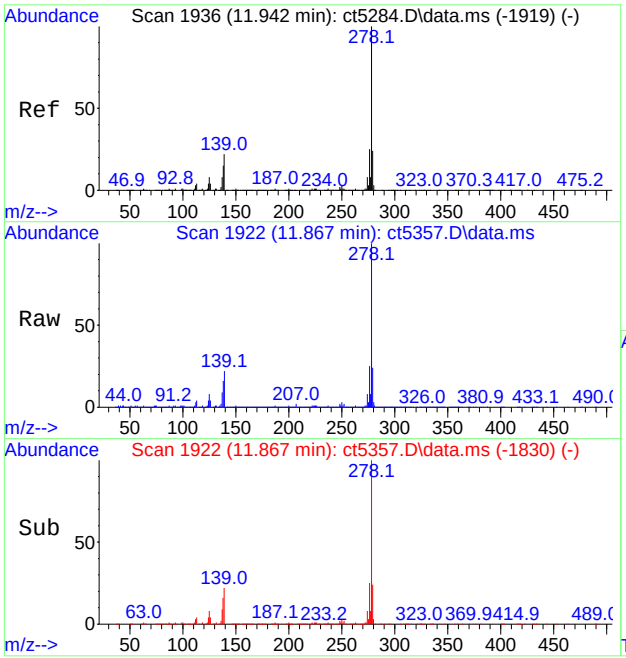


#99
Dibenz(a,h)acridine
Concen: 50.0654 ppm
RT: 11.595 min Scan# 1871
Delta R.T. -0.005 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:279 Resp: 1487840

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	23.0	0.0	53.2

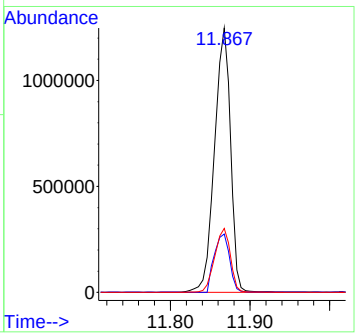


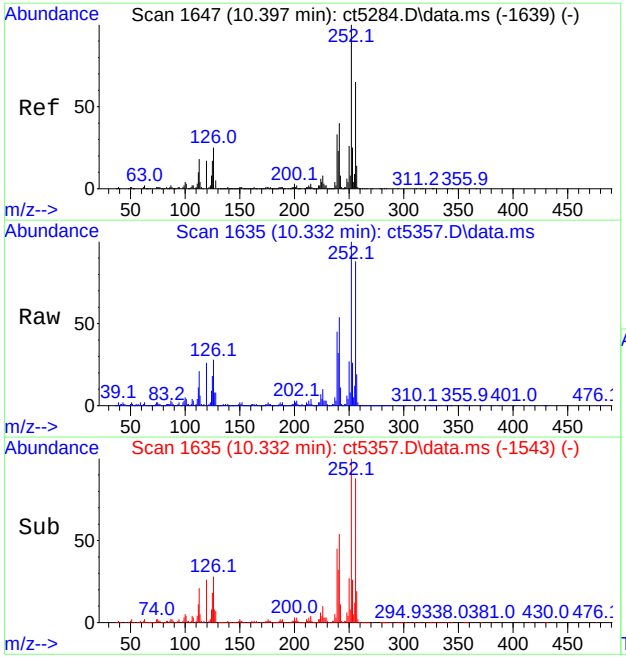


#100
Dibenz[a,h]anthracene
Concen: 49.7852 ppm
RT: 11.867 min Scan# 1922
Delta R.T. -0.009 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:278 Resp: 1740598

Ion	Ratio	Lower	Upper
278	100		
139	22.0	0.0	53.3
279	24.1	0.0	53.8

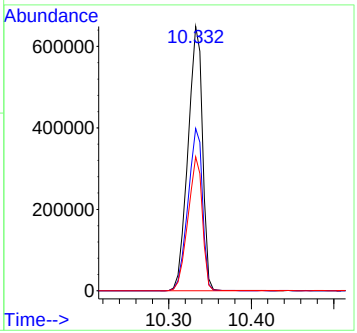


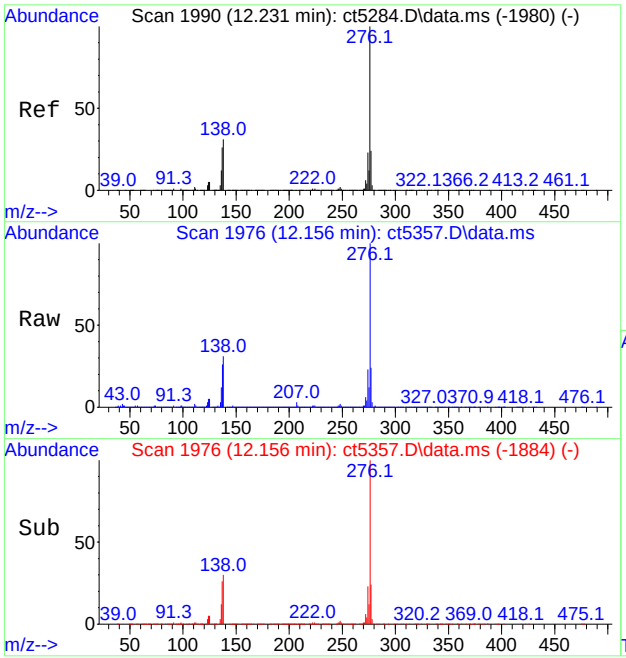


#101
7,12-Dimethylbenz(a)anthracene
Concen: 46.0102 ppm
RT: 10.332 min Scan# 1635
Delta R.T. -0.007 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:256 Resp: 793698

Ion	Ratio	Lower	Upper
256	100		
241	61.3	32.2	92.2
239	50.6	19.8	79.8

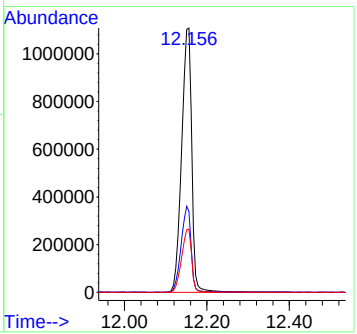




#102
Benzo[g,h,i]perylene
Concen: 53.6516 ppm
RT: 12.156 min Scan# 1976
Delta R.T. -0.008 min
Lab File: ct5357.D
Acq: 21 Feb 2024 09:32 am

Tgt Ion:276 Resp: 1882713

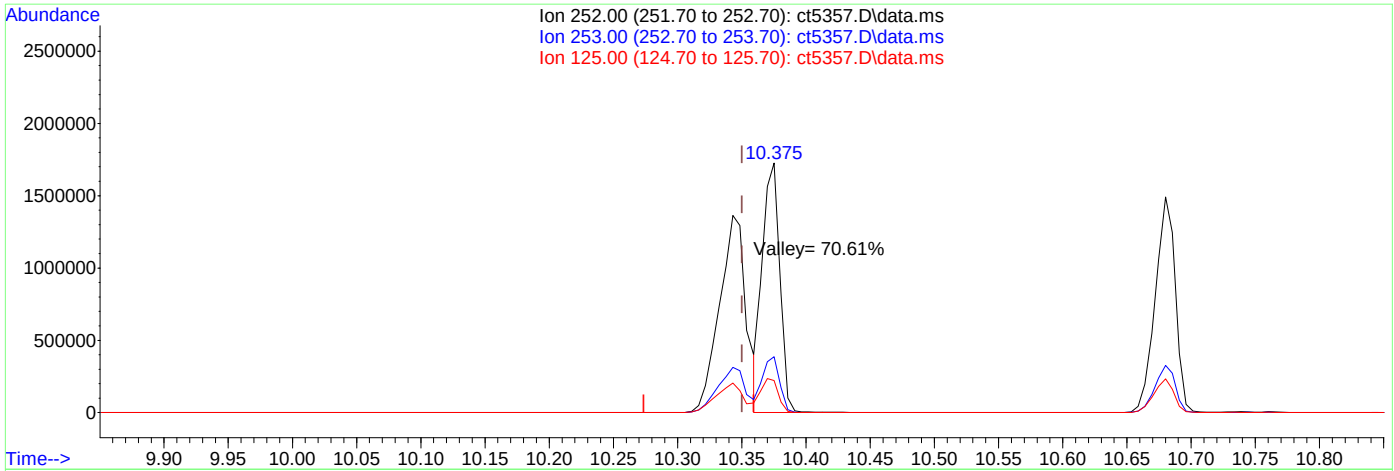
Ion	Ratio	Lower	Upper
276	100		
138	30.5	1.8	61.8
277	24.0	0.0	53.9

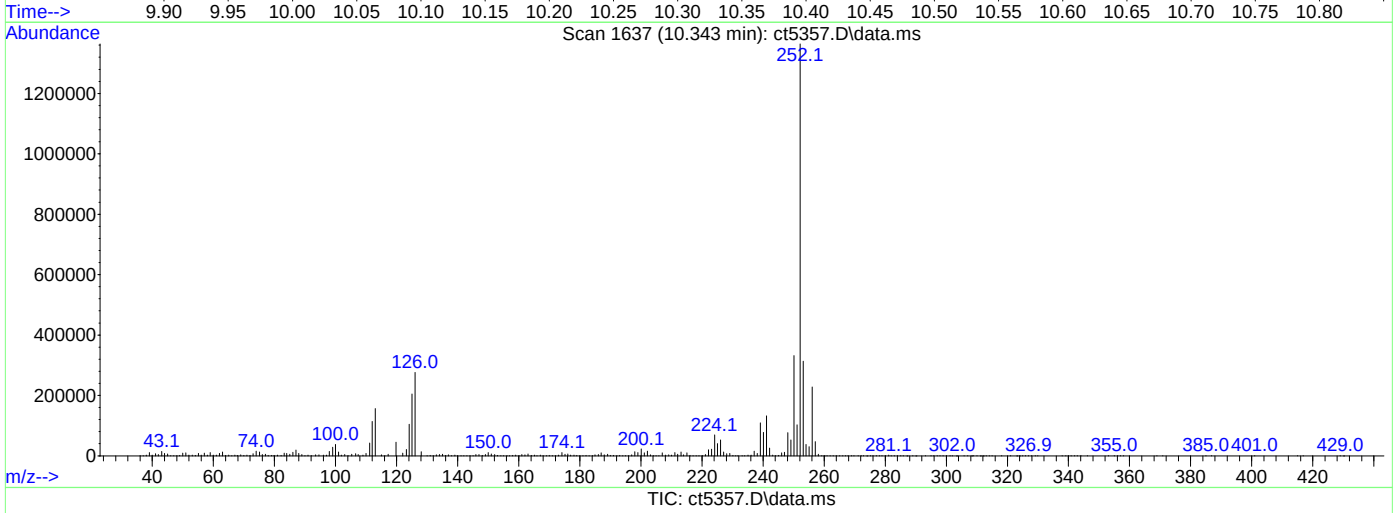


Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5357.D
Acq On : 21 Feb 2024 09:32 am
Operator : karimam
Sample : cc266-50 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 17:14:22 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 17:10:42 2024
Response via : Initial Calibration





TIC: ct5357.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.343min (-0.007) 48.06ppm

response 1949205

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	22.99
125.00	14.20	14.66
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5358.D
Acq On : 21 Feb 2024 09:50 am
Operator : karimam
Sample : cc267-50 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 21 17:10:15 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 17:08:45 2024
Response via : Initial Calibration

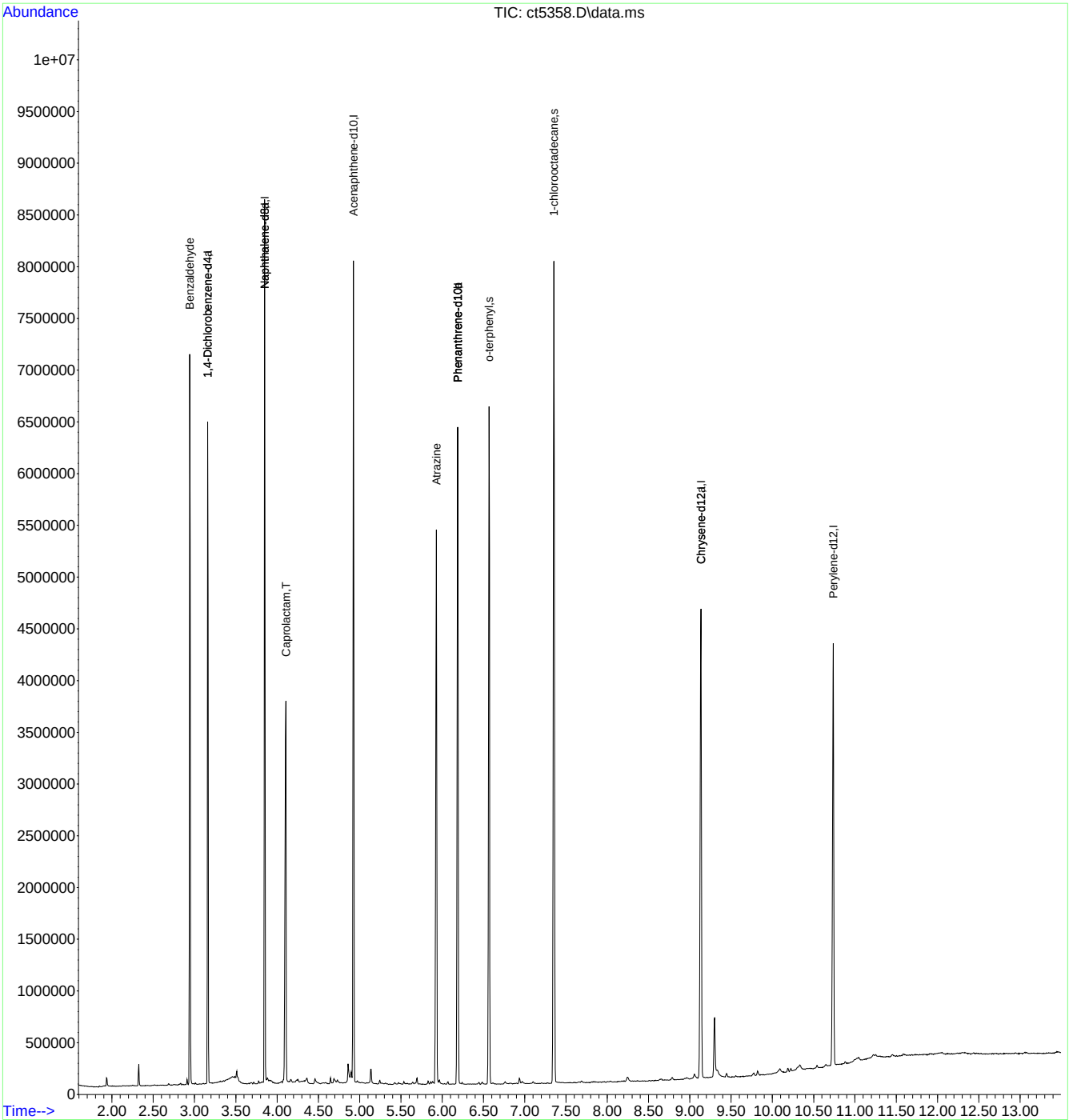
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.160	152	643393	40.00	ppm	0.00
24) Naphthalene-d8	3.850	136	2375265	40.00	ppm	0.00
46) Acenaphthene-d10	4.925	164	1260989	40.00	ppm	0.00
69) Phenanthrene-d10	6.187	188	2160077	40.00	ppm	0.00
84) Chrysene-d12	9.134	240	1618041	40.00	ppm	0.00
93) Perylene-d12	10.739	264	1638514	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.160	152	643393	40.00	ppm	0.00
105) Phenanthrene-d10a	6.187	188	2160077	40.00	ppm	0.00
107) Naphthalene-d8a	3.850	136	2375265	40.00	ppm	0.00
109) Phenanthrene-d10b	6.187	188	2160077	40.00	ppm	0.00
112) Chrysene-d12a	9.134	240	1618041	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
110) 1-chlorooctadecane	7.353	57	1295564	55.10	ppm	0.00
Spiked Amount 50.000			Recovery =	110.20%		
111) o-terphenyl	6.567	230	1157927	49.86	ppm	0.00
Spiked Amount 50.000			Recovery =	99.72%		
Target Compounds						Qvalue
104) Benzaldehyde	2.941	105	899651	50.2747	ppm	92
106) Atrazine	5.930	215	231557	53.4559	ppm	98
108) Caprolactam	4.107	55	664655	52.1563	ppm	100

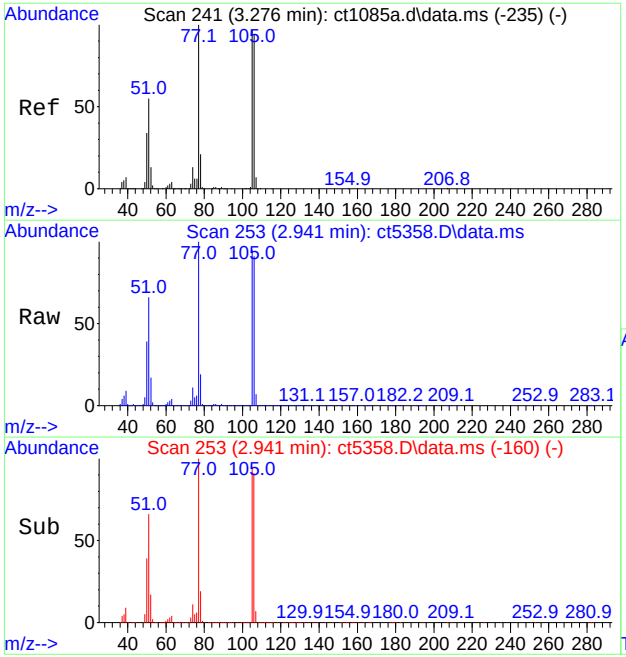
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5358.D
Acq On : 21 Feb 2024 09:50 am
Operator : karimam
Sample : cc267-50 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 21 17:10:15 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 17:08:45 2024
Response via : Initial Calibration

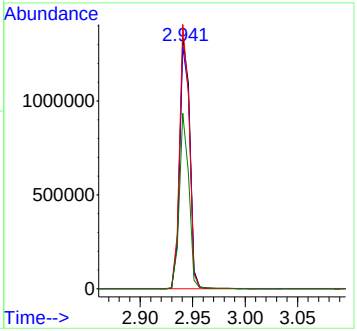


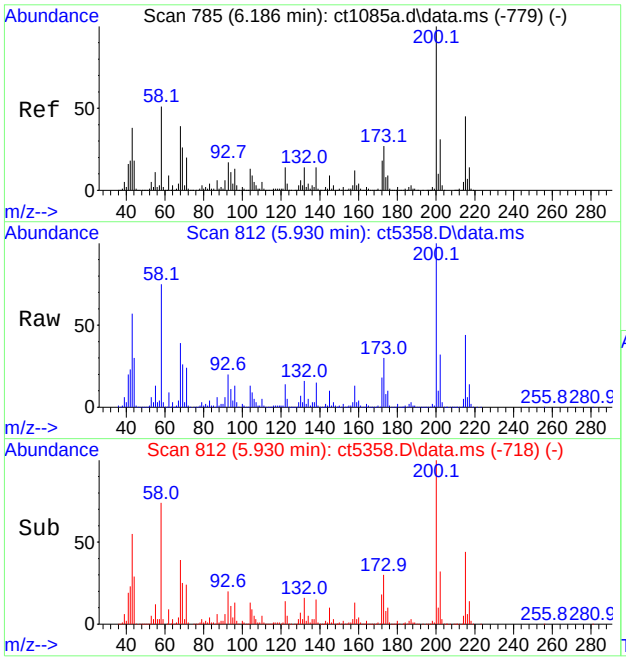


#104
Benzaldehyde
Concen: 50.2747 ppm
RT: 2.941 min Scan# 253
Delta R.T. -0.002 min
Lab File: ct5358.D
Acq: 21 Feb 2024 09:50 am

Tgt Ion:105 Resp: 899651

Ion	Ratio	Lower	Upper
105	100		
106	96.2	66.4	126.4
77	105.2	65.6	125.6
51	69.7	26.7	86.7

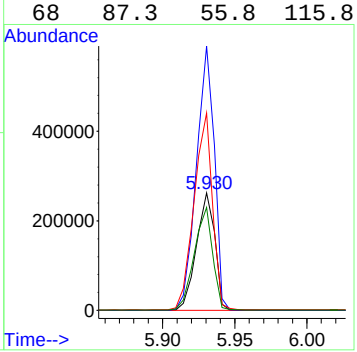


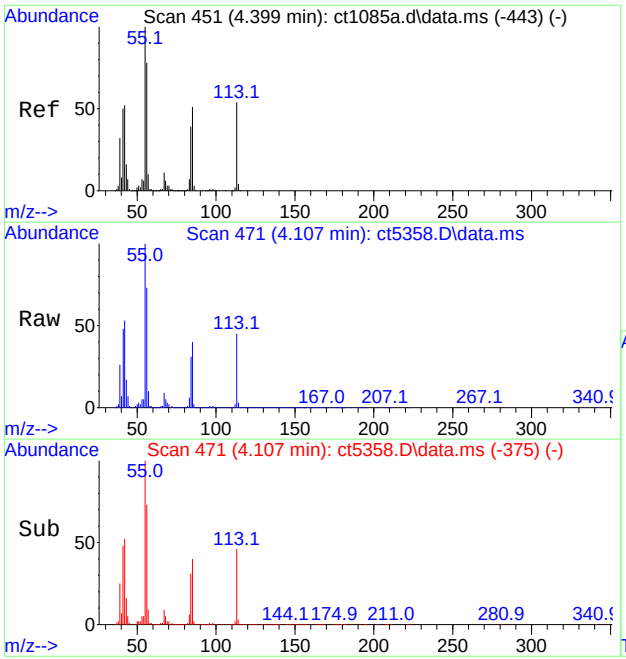


#106
Atrazine
Concen: 53.4559 ppm
RT: 5.930 min Scan# 812
Delta R.T. 0.004 min
Lab File: ct5358.D
Acq: 21 Feb 2024 09:50 am

Tgt Ion:215 Resp: 231557

Ion	Ratio	Lower	Upper
215	100		
200	225.2	191.0	251.0
58	167.5	133.9	193.9
68	87.3	55.8	115.8

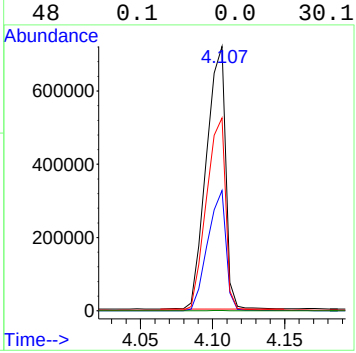




#108
Caprolactam
Concen: 52.1563 ppm
RT: 4.107 min Scan# 471
Delta R.T. 0.012 min
Lab File: ct5358.D
Acq: 21 Feb 2024 09:50 am

Tgt Ion: 55 Resp: 664655

Ion	Ratio	Lower	Upper
55	100		
113	45.7	15.5	75.5
56	73.2	43.5	103.5
48	0.1	0.0	30.1



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5359.D
Acq On : 21 Feb 2024 10:08 am
Operator : karimam
Sample : cc266-1 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 21 17:20:58 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 17:14:48 2024
Response via : Initial Calibration

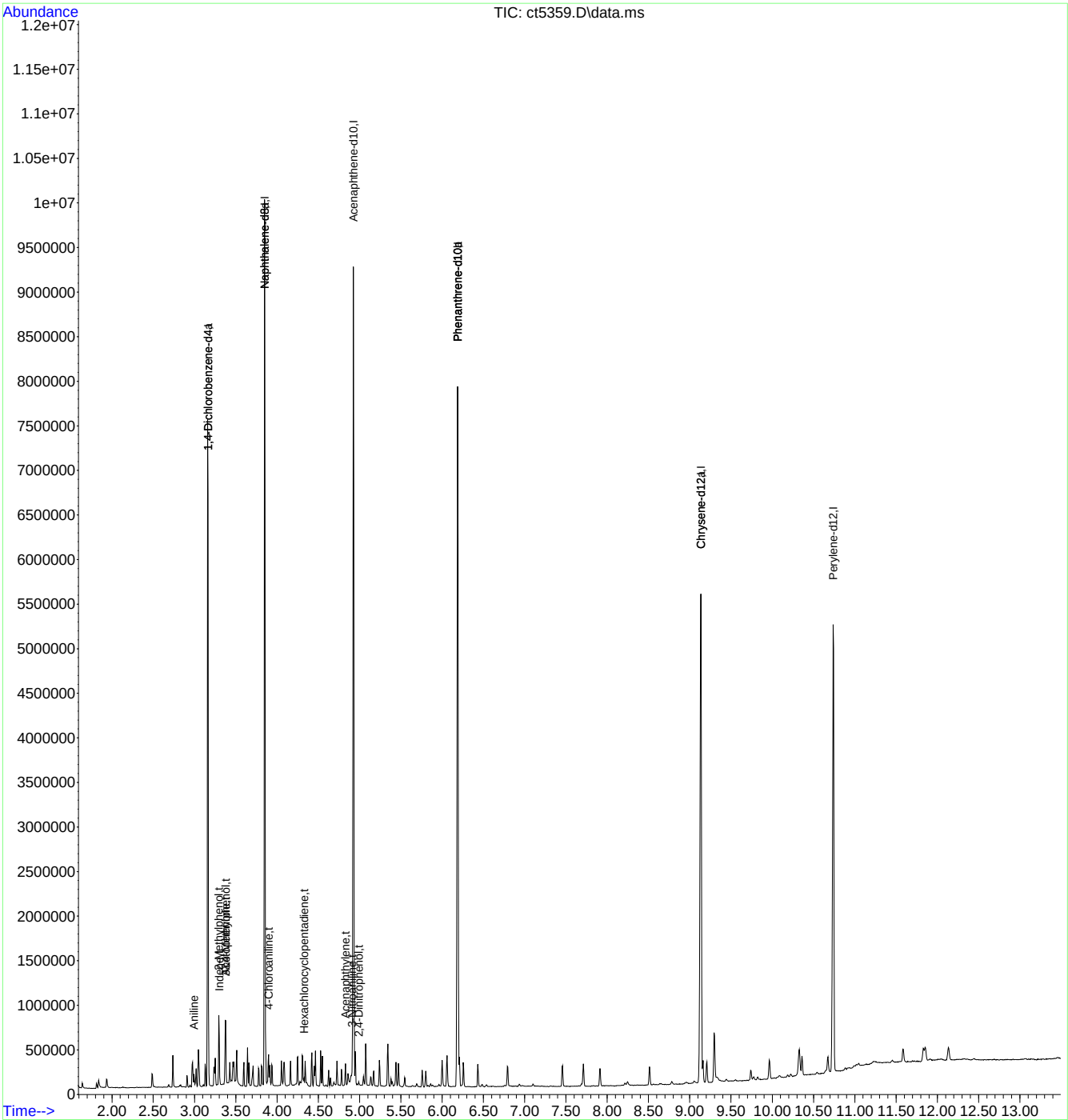
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.165	152	810124	40.00	ppm	0.00
24) Naphthalene-d8	3.850	136	2925684	40.00	ppm	0.00
46) Acenaphthene-d10	4.925	164	1594256	40.00	ppm	0.00
69) Phenanthrene-d10	6.187	188	2739751	40.00	ppm	0.00
84) Chrysene-d12	9.134	240	1998408	40.00	ppm	0.00
93) Perylene-d12	10.739	264	2126721	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	3.165	152	810124	40.00	ppm	0.00
105) Phenanthrene-d10a	6.187	188	2739751	40.00	ppm	0.00
107) Naphthalene-d8a	3.850	136	2925684	40.00	ppm	0.00
109) Phenanthrene-d10b	6.187	188	2739751	40.00	ppm	0.00
112) Chrysene-d12a	9.134	240	1998408	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
74) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
6) Indene	3.299	116	60121	1.2825	ppm	98
10) Aniline	2.994	93	33412	0.7067	ppm	97
18) Acetophenone	3.379	105	53085	1.3330	ppm	96
19) 2-Methylphenol	3.293	108	33600	1.2491	ppm	97
21) 3&4-Methylphenol	3.379	108	70427	2.7441	ppm	100
39) 4-Chloroaniline	3.898	127	23333	0.7154	ppm	96
47) Hexachlorocyclopentadiene	4.326	237	4547	0.4631	ppm	98
56) Acenaphthylene	4.828	152	72056	0.9898	ppm	98
58) 3-Nitroaniline	4.909	138	11380	0.7444	ppm	93
60) 2,4-Dinitrophenol	4.989	184	3145	3.3020	ppm #	11

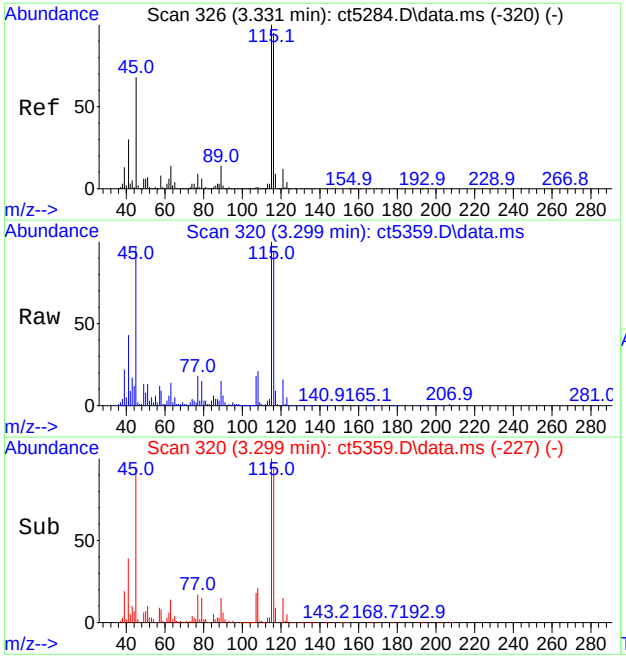
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-21-24\ect272\
Data File : ct5359.D
Acq On : 21 Feb 2024 10:08 am
Operator : karimam
Sample : cc266-1 Inst : GCMS_CT
Misc : op51652,ect272,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 21 17:20:58 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\mct266.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Wed Feb 21 17:14:48 2024
Response via : Initial Calibration

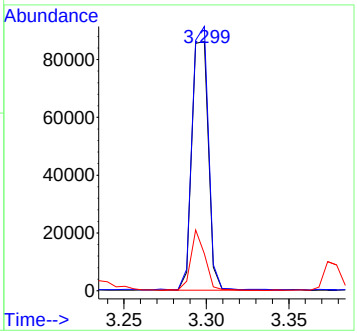


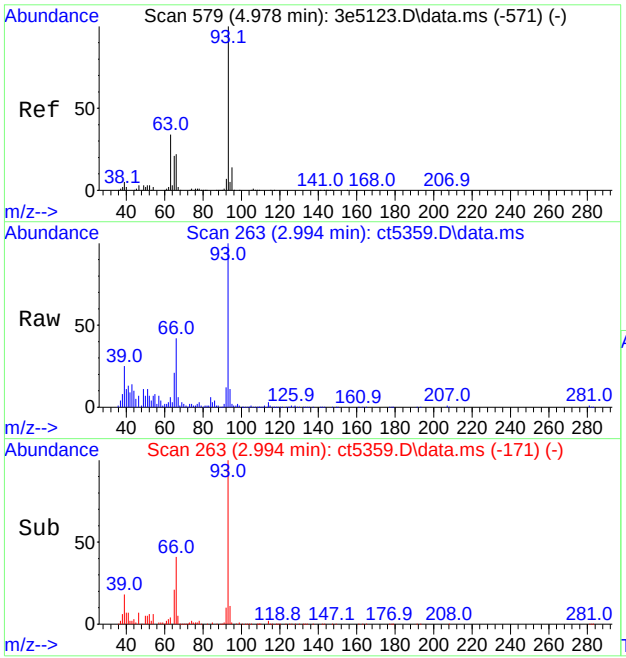


#6
Indene
Concen: 1.2825 ppm
RT: 3.299 min Scan# 320
Delta R.T. -0.000 min
Lab File: ct5359.D
Acq: 21 Feb 2024 10:08 am

Tgt Ion:116 Resp: 60121

Ion	Ratio	Lower	Upper
116	100		
115	105.8	76.2	136.2
63	14.7	0.0	49.3

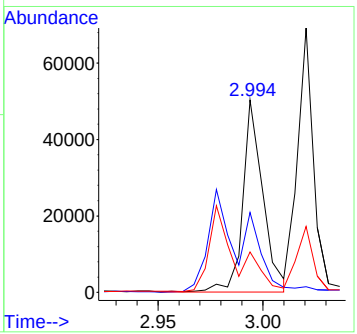


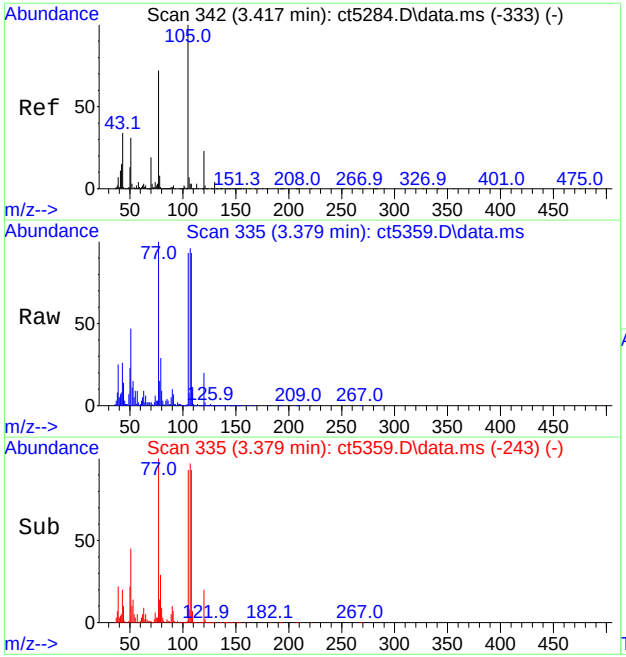


#10
Aniline
Concen: 0.7067 ppm
RT: 2.994 min Scan# 263
Delta R.T. -0.005 min
Lab File: ct5359.D
Acq: 21 Feb 2024 10:08 am

Tgt Ion: 93 Resp: 33412

Ion	Ratio	Lower	Upper
93	100		
66	41.6	8.6	68.6
65	20.3	0.0	50.2

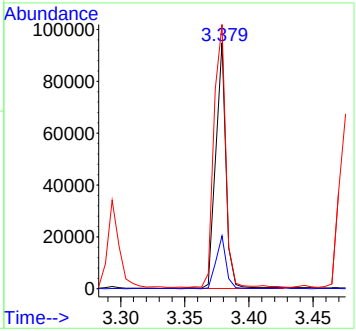


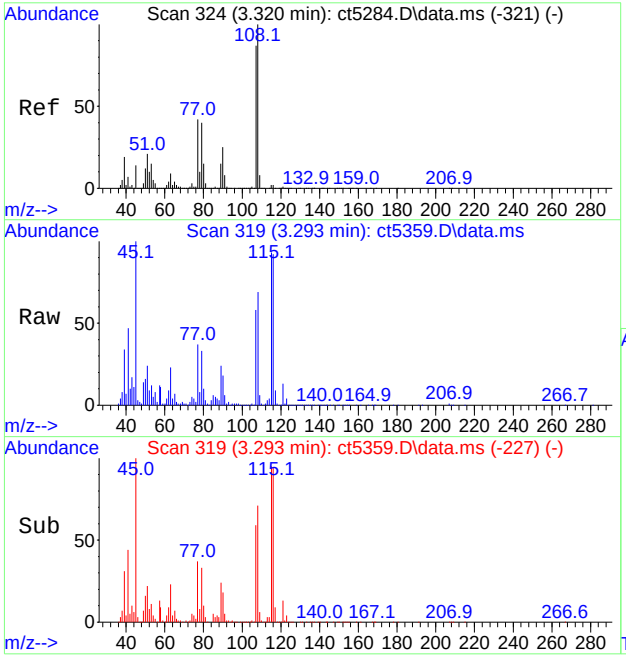


#18
Acetophenone
Concen: 1.3330 ppm
RT: 3.379 min Scan# 335
Delta R.T. -0.005 min
Lab File: ct5359.D
Acq: 21 Feb 2024 10:08 am

Tgt Ion:105 Resp: 53085

Ion	Ratio	Lower	Upper
105	100		
120	21.4	0.0	51.5
77	107.0	82.7	142.7

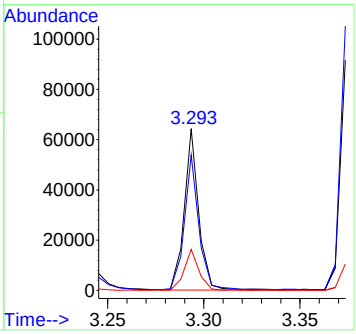


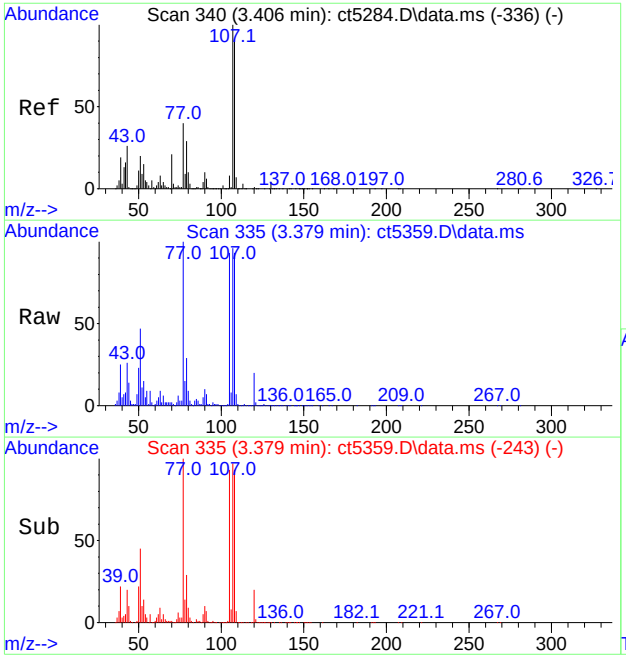


#19
2-Methylphenol
Concen: 1.2491 ppm
RT: 3.293 min Scan# 319
Delta R.T. -0.005 min
Lab File: ct5359.D
Acq: 21 Feb 2024 10:08 am

Tgt Ion:108 Resp: 33600

Ion	Ratio	Lower	Upper
108	100		
107	83.4	56.2	116.2
90	25.4	0.0	56.8

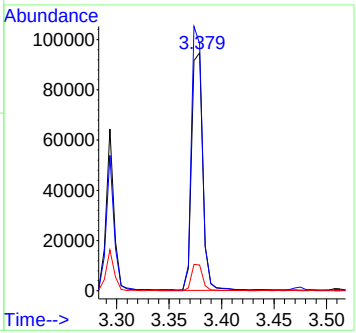


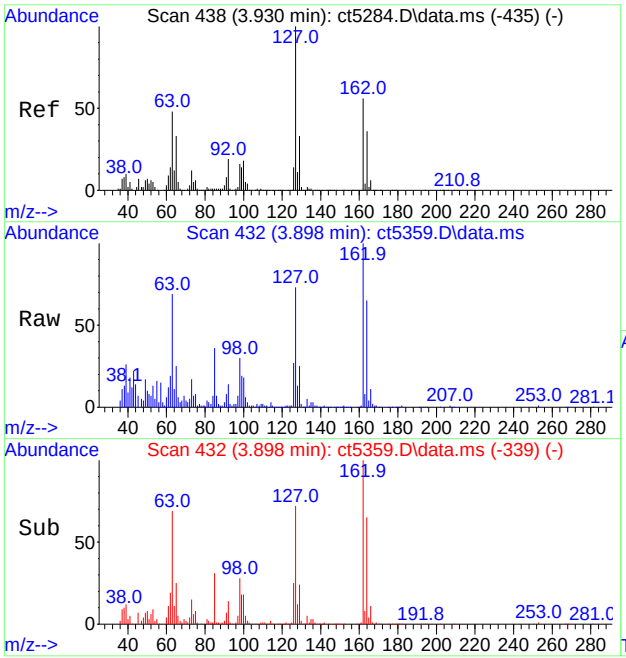


#21
3&4-Methylphenol
Concen: 2.7441 ppm
RT: 3.379 min Scan# 335
Delta R.T. -0.005 min
Lab File: ct5359.D
Acq: 21 Feb 2024 10:08 am

Tgt Ion:108 Resp: 70427

Ion	Ratio	Lower	Upper
108	100		
107	103.7	74.0	134.0
90	10.9	0.0	41.7

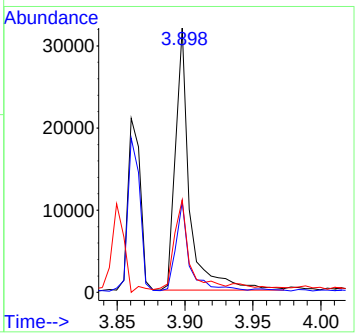


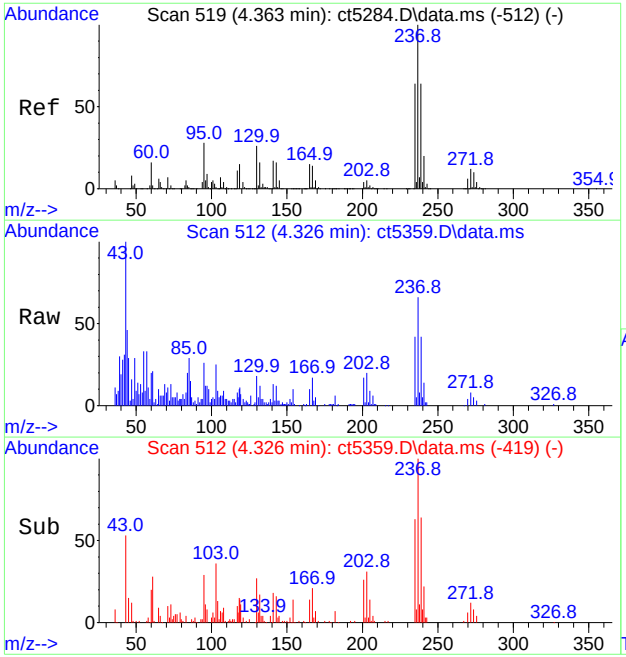


#39
4-Chloroaniline
Concen: 0.7154 ppm
RT: 3.898 min Scan# 432
Delta R.T. -0.000 min
Lab File: ct5359.D
Acq: 21 Feb 2024 10:08 am

Tgt Ion:127 Resp: 23333

Ion	Ratio	Lower	Upper
127	100		
129	33.8	2.0	62.0
65	33.7	6.6	66.6

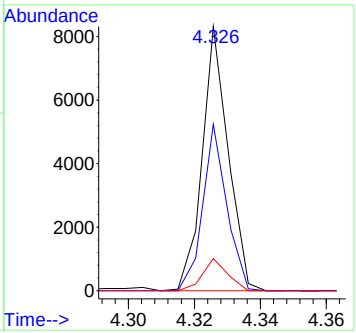


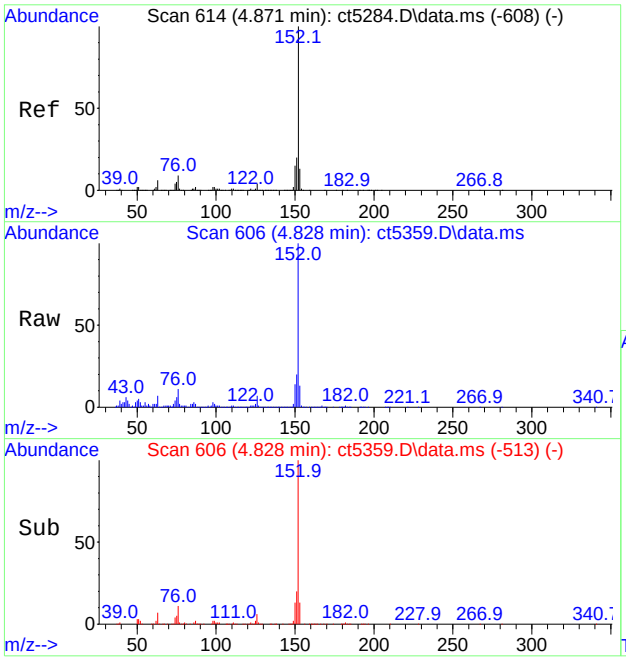


#47
Hexachlorocyclopentadiene
Concen: 0.4631 ppm
RT: 4.326 min Scan# 512
Delta R.T. -0.000 min
Lab File: ct5359.D
Acq: 21 Feb 2024 10:08 am

Tgt Ion:237 Resp: 4547

Ion	Ratio	Lower	Upper
237	100		
235	63.0	34.6	94.6
272	12.2	0.0	41.9

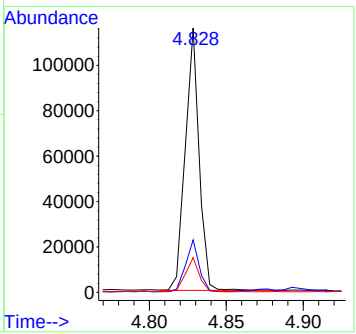


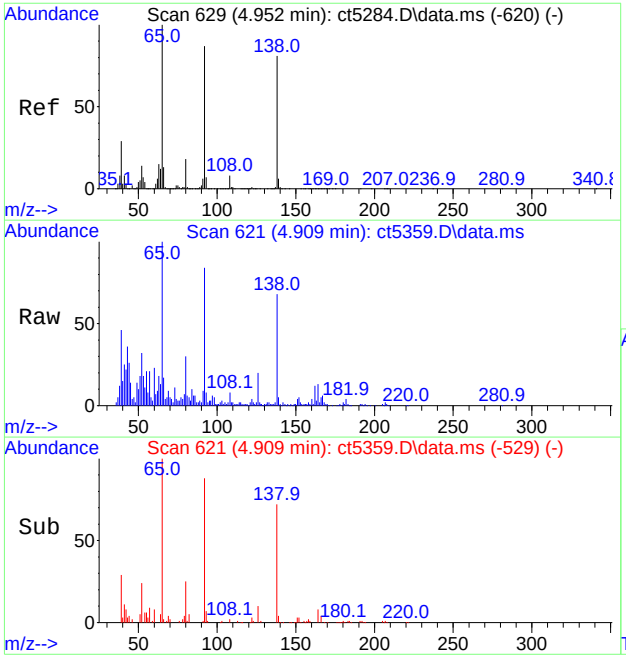


#56
Acenaphthylene
Concen: 0.9898 ppm
RT: 4.828 min Scan# 606
Delta R.T. -0.000 min
Lab File: ct5359.D
Acq: 21 Feb 2024 10:08 am

Tgt Ion:152 Resp: 72056

Ion	Ratio	Lower	Upper
152	100		
151	19.4	0.0	50.5
153	13.0	0.0	43.9

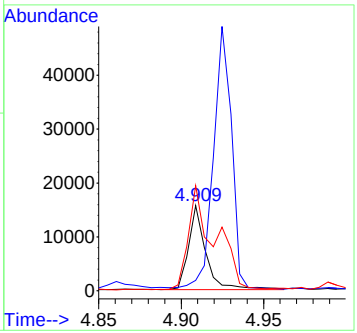


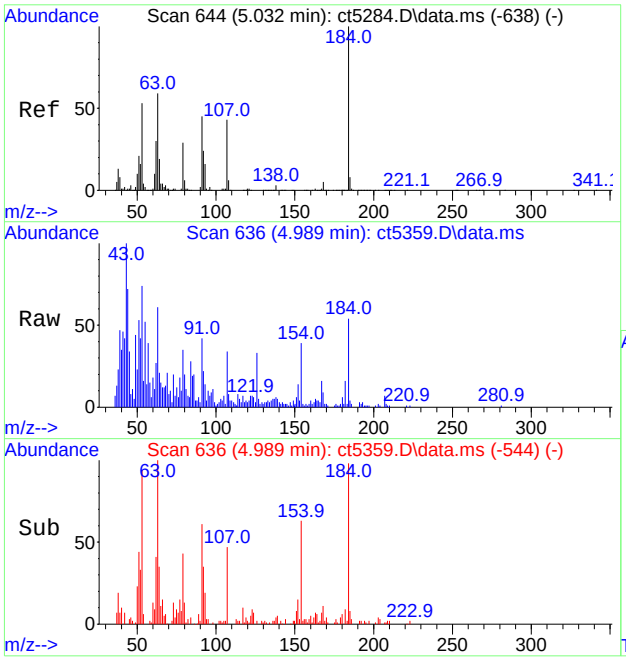


#58
3-Nitroaniline
Concen: 0.7444 ppm
RT: 4.909 min Scan# 621
Delta R.T. -0.005 min
Lab File: ct5359.D
Acq: 21 Feb 2024 10:08 am

Tgt Ion:138 Resp: 11380

Ion	Ratio	Lower	Upper
138	100		
108	9.3	0.0	40.0
92	123.2	84.6	144.6

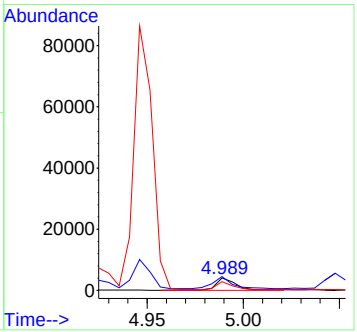




#60
2,4-Dinitrophenol
Concen: 3.3020 ppm
RT: 4.989 min Scan# 636
Delta R.T. -0.005 min
Lab File: ct5359.D
Acq: 21 Feb 2024 10:08 am

Tgt Ion:184 Resp: 3145

Ion	Ratio	Lower	Upper
184	100		
63	93.6	0.0	59.6#
154	0.0	17.4	77.4#



Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya
01/29/24 19:23

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218579.D
Acq On : 24 Jan 2024 11:46 am
Operator : ninap
Sample : icc9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 09:56:01 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	81262	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	313157	40.00	ppm	0.00
46) Acenaphthene-d10	7.242	164	169050	40.00	ppm	0.00
69) Phenanthrene-d10	9.219	188	305287	40.00	ppm	0.00
83) Chrysene-d12	14.588	240	281176	40.00	ppm	0.00
92) Perylene-d12	17.644	264	321011	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	81262	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	313157	40.00	ppm	0.00
121) Acenaphthene-d10A	7.242	164	169050	40.00	ppm	0.00
132) Phenanthrene-d10A	9.219	188	305287	40.00	ppm	0.00
147) Chrysene-d12A	14.588	240	281176	40.00	ppm	0.00
154) Perylene-d12A	17.644	264	321011	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	81262	40.00	ppm	0.00
159) Phenanthrene-d10b	9.219	188	305287	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	313157	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	313157	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	81262	40.00	ppm	0.00
169) Chrysene-d12c	14.588	240	281176	40.00	ppm	0.00
171) Chrysene-d12d	14.588	240	281176	40.00	ppm	0.00
173) Naphthalene-d8d	5.757	136	313157	40.00	ppm	0.00
175) Chrysene-d12e	14.588	240	281176	40.00	ppm	0.00
177) Perylene-d12b	17.644	264	321011	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	313157	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.962	112	109432	49.93	ppm	0.00
Spiked Amount 50.000			Recovery = 99.86%			
8) Phenol-d5	4.593	99	129591	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
25) Nitrobenzene-d5	5.250	82	113274	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
51) 2-Fluorobiphenyl	6.591	172	266998	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
73) 2,4,6-Tribromophenol	8.183	330	45688	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
86) Terphenyl-d14	12.350	244	329556	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.830	88	45674	50.11	ppm	98
3) Pyridine	3.070	79	128013	50.00	ppm	100
4) N-Nitrosodimethylamine	3.038	42	39006	50.00	ppm	100
6) Indene	5.047	116	199171	49.99	ppm	100
7) Cumene	4.326	105	249662	50.00	ppm	100
9) Phenol	4.598	94	140794	50.12	ppm	100
10) Aniline	4.641	93	177487	50.06	ppm	76
11) bis(2-Chloroethyl)ether	4.678	93	109073	51.65	ppm	100
12) 2-Chlorophenol	4.721	128	122024	50.14	ppm	100
13) Decane	4.742	43	101871	50.18	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218579.D
Acq On : 24 Jan 2024 11:46 am
Operator : ninap
Sample : icc9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 09:56:01 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
14)	1,3-Dichlorobenzene	4.828	146	140458	50.00	ppm		100
15)	1,4-Dichlorobenzene	4.881	146	144309	49.97	ppm		100
16)	Benzyl alcohol	4.956	108	77791	50.06	ppm		100
17)	1,2-Dichlorobenzene	4.983	146	136414	50.00	ppm		100
18)	Acetophenone	5.143	105	169882	50.10	ppm		100
19)	2-Methylphenol	5.020	108	107124	50.08	ppm		100
20)	2,2'-oxybis(1-Chloropr...	5.047	121	33392	50.00	ppm	#	88
21)	3&4-Methylphenol	5.132	108	224502	99.74	ppm		100
22)	n-Nitroso-di-n-propyla...	5.143	70	81059	50.04	ppm		100
23)	Hexachloroethane	5.223	201	47919	50.00	ppm		100
26)	Nitrobenzene	5.266	77	117475	50.00	ppm		100
27)	Quinoline	6.024	129	234507	50.00	ppm		100
28)	Isophorone	5.431	82	210724	50.00	ppm		100
29)	2-Nitrophenol	5.485	139	56919	50.00	ppm		100
30)	2,4-Dimethylphenol	5.501	107	116811	50.00	ppm		100
31)	Benzoic acid	5.581	105	74330	44.80	ppm	#	78
32)	bis(2-Chloroethoxy)met...	5.576	93	136199	50.00	ppm		100
33)	2,4-Dichlorophenol	5.650	162	100566	50.00	ppm		100
34)	2,6-Dichlorophenol	5.811	162	101441	50.00	ppm		100
35)	1,3,5-Trichlorobenzene	5.495	180	119150	50.00	ppm		100
36)	1,2,4-Trichlorobenzene	5.715	180	114309	50.00	ppm		100
37)	1,2,3-Trichlorobenzene	5.875	180	111801	50.00	ppm		100
38)	Naphthalene	5.773	128	366967	50.00	ppm		100
39)	4-Chloroaniline	5.811	127	156883	50.00	ppm		100
40)	2,3-Dichloroaniline	6.521	161	119412	50.00	ppm		100
41)	Hydroquinone	6.072	110	105488m	50.36	ppm		
42)	Hexachlorobutadiene	5.853	225	63592	50.00	ppm		100
43)	4-Chloro-3-methylphenol	6.153	107	92394	50.00	ppm		100
44)	2-Methylnaphthalene	6.292	141	209421	50.00	ppm		100
45)	1-Methylnaphthalene	6.372	142	221159	50.00	ppm		100
47)	Hexachlorocyclopentadiene	6.414	237	107110	100.00	ppm		100
48)	1,2,4,5-tetrachloroben...	6.425	216	112315	50.00	ppm		100
49)	2,4,6-Trichlorophenol	6.516	196	70221	50.00	ppm		100
50)	2,4,5-Trichlorophenol	6.548	196	77865	50.00	ppm		100
52)	2-Chloronaphthalene	6.703	162	228174	50.00	ppm		100
53)	Biphenyl	6.681	154	292231	50.00	ppm		100
54)	2-Nitroaniline	6.794	65	52818	50.00	ppm		100
55)	Dimethylphthalate	6.965	163	247865	50.00	ppm		100
56)	Acenaphthylene	7.098	152	273943	50.00	ppm		100
57)	2,6-Dinitrotoluene	7.023	165	49424	50.00	ppm		100
58)	3-Nitroaniline	7.200	138	60463	50.00	ppm		100
59)	Acenaphthene	7.280	153	249537	50.00	ppm		100
60)	2,4-Dinitrophenol	7.307	184	45934	100.00	ppm		100
61)	4-Nitrophenol	7.355	109	28791	50.00	ppm		100
62)	Dibenzofuran	7.467	168	320350	50.00	ppm		100
63)	2,4-Dinitrotoluene	7.451	165	65946	50.00	ppm		100
64)	2,3,4,6-Tetrachlorophenol	7.600	232	61529	50.00	ppm		100
65)	Diethylphthalate	7.739	149	252063	50.00	ppm		100
66)	Fluorene	7.873	166	254231	50.00	ppm		100
67)	4-Chlorophenyl-phenyle...	7.873	204	117508	50.00	ppm		100

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218579.D
Acq On : 24 Jan 2024 11:46 am
Operator : ninap
Sample : icc9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 09:56:01 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

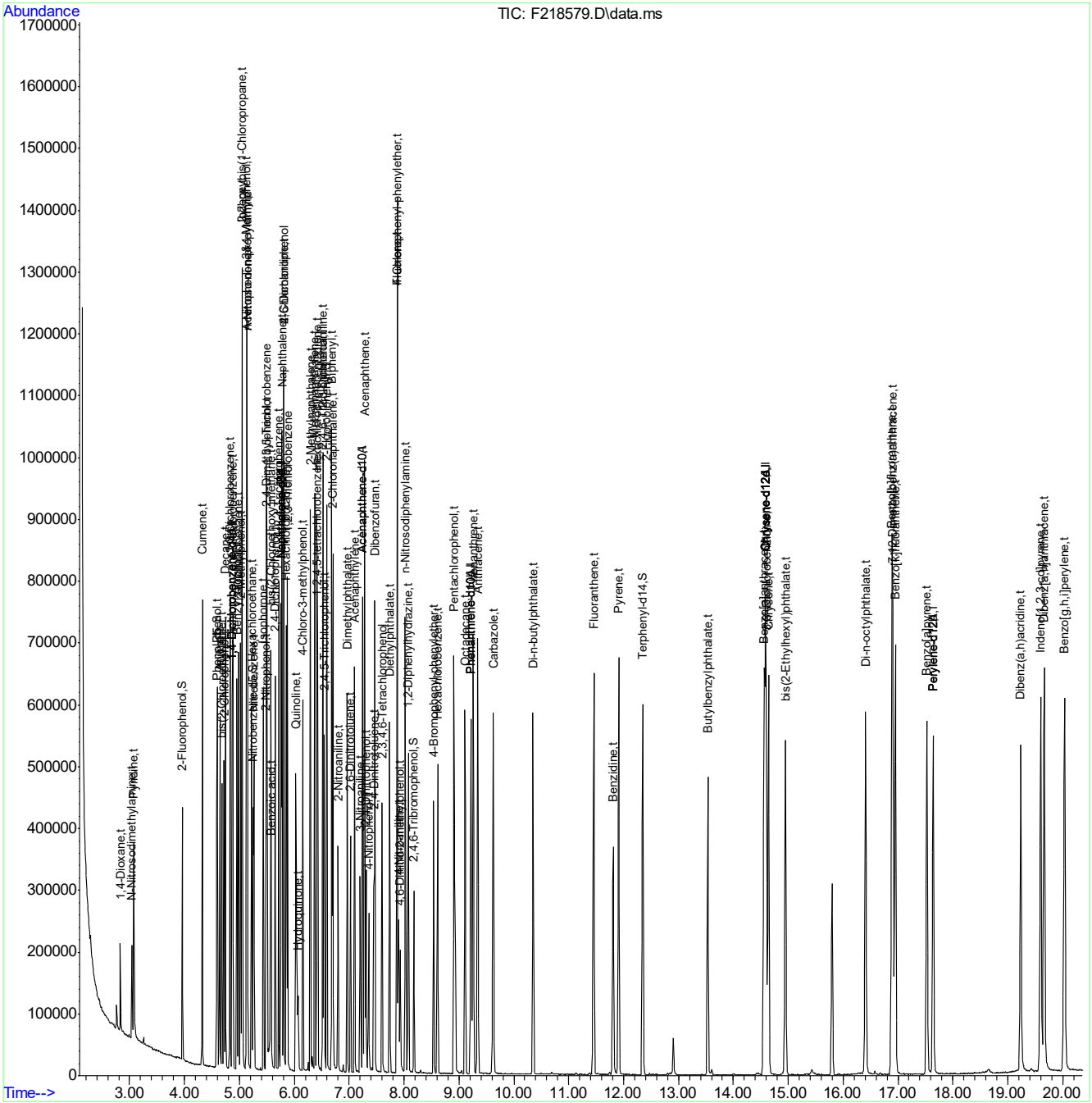
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 4-Nitroaniline	7.905	138	64153	50.00	ppm	100
70) 4,6-Dinitro-2-methylph...	7.932	198	28234	50.00	ppm	100
71) n-Nitrosodiphenylamine	8.022	169	209358	50.00	ppm	100
72) 1,2-Diphenylhydrazine	8.081	77	236487	50.00	ppm	100
74) 4-Bromophenyl-phenylether	8.541	248	72613	50.00	ppm	100
75) Hexachlorobenzene	8.610	284	89910	50.00	ppm	100
76) Pentachlorophenol	8.909	266	106433	100.00	ppm	100
77) Phenanthrene	9.256	178	369387	50.00	ppm	100
78) Anthracene	9.342	178	369986	50.00	ppm	100
79) Carbazole	9.625	167	341645	50.00	ppm	100
80) Di-n-butylphthalate	10.352	149	442072	50.00	ppm	100
81) Fluoranthene	11.457	202	398968	50.00	ppm	100
82) Octadecane	9.112	57	132598	50.00	ppm	100
84) Benzidine	11.810	184	231093	50.00	ppm	100
85) Pyrene	11.912	202	413192	50.00	ppm	100
87) Butylbenzylphthalate	13.536	149	187666	50.00	ppm	100
88) Benzo[a]anthracene	14.561	228	396872	50.00	ppm	100
89) 3,3'-Dichlorobenzidine	14.599	252	159408	50.00	ppm	100
90) Chrysene	14.641	228	386196	50.00	ppm	100
91) bis(2-Ethylhexyl)phtha...	14.951	149	286023	50.00	ppm	100
93) Di-n-octylphthalate	16.410	149	499328	50.00	ppm	100
94) Benzo[b]fluoranthene	16.890	252	452668	50.00	ppm	100
95) Benzo[k]fluoranthene	16.955	252	415074	50.00	ppm	100
96) Benzo[a]pyrene	17.526	252	367185	50.00	ppm	100
97) Indeno[1,2,3-cd]pyrene	19.599	276	385657	50.00	ppm	100
98) Dibenz(a,h)acridine	19.236	279	361688	50.00	ppm	100
99) Dibenz[a,h]anthracene	19.663	278	430916	48.35	ppm	100
100) 7,12-Dimethylbenz(a)an...	16.907	256	195378	50.00	ppm	100
101) Benzo[g,h,i]perylene	20.037	276	435278	49.59	ppm	100

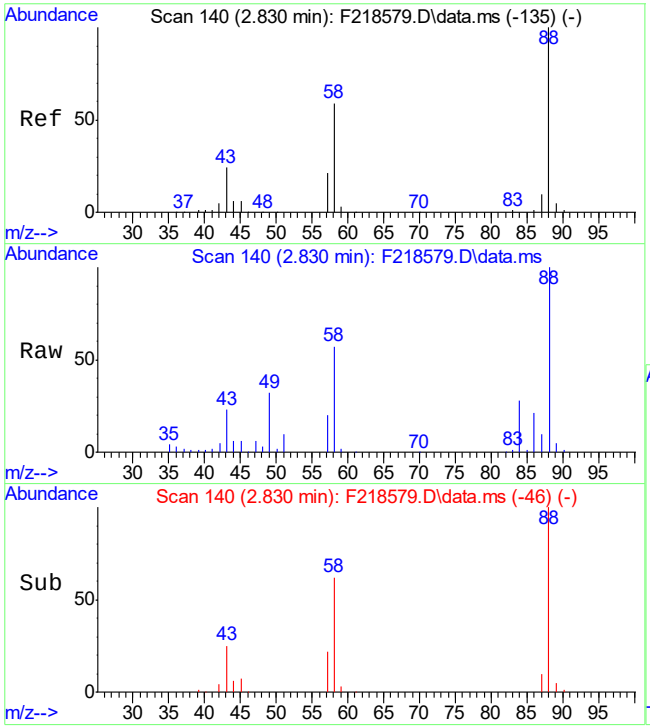
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218579.D
Acq On : 24 Jan 2024 11:46 am
Operator : ninap
Sample : icc9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 09:56:01 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

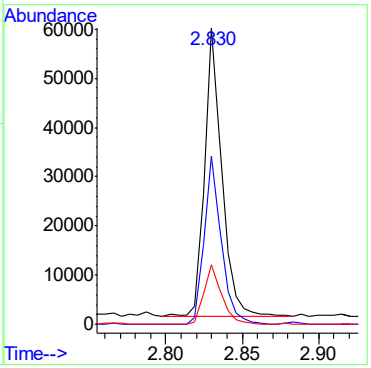


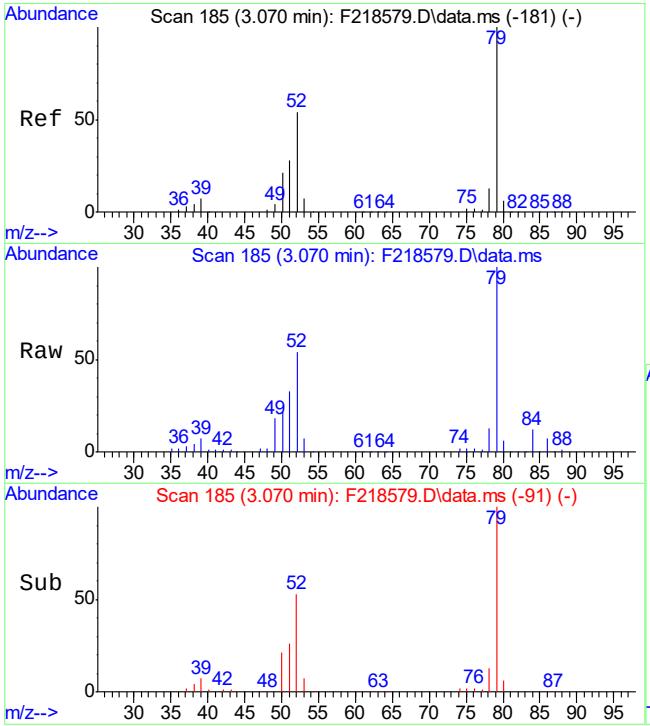


#2
1,4-Dioxane
Concen: 50.11 ppm
RT: 2.830 min Scan# 140
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 88 Resp: 45674

Ion	Ratio	Lower	Upper
88	100		
58	58.2	27.0	87.0
57	20.8	0.0	50.2

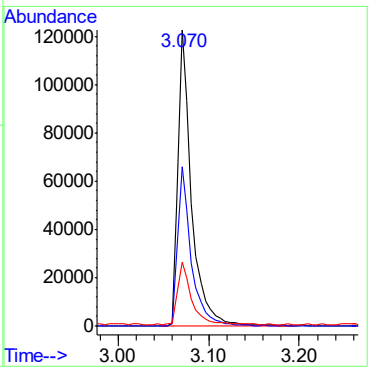


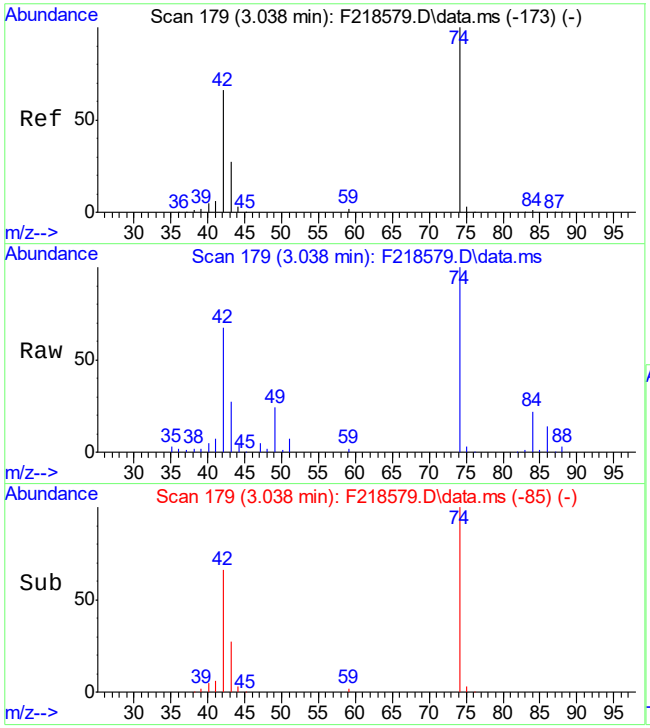


#3
Pyridine
Concen: 50.00 ppm
RT: 3.070 min Scan# 185
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 79 Resp: 128013

Ion	Ratio	Lower	Upper
79	100		
52	53.7	23.7	83.7
50	21.1	0.0	51.1

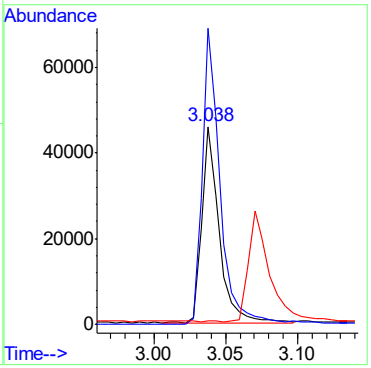


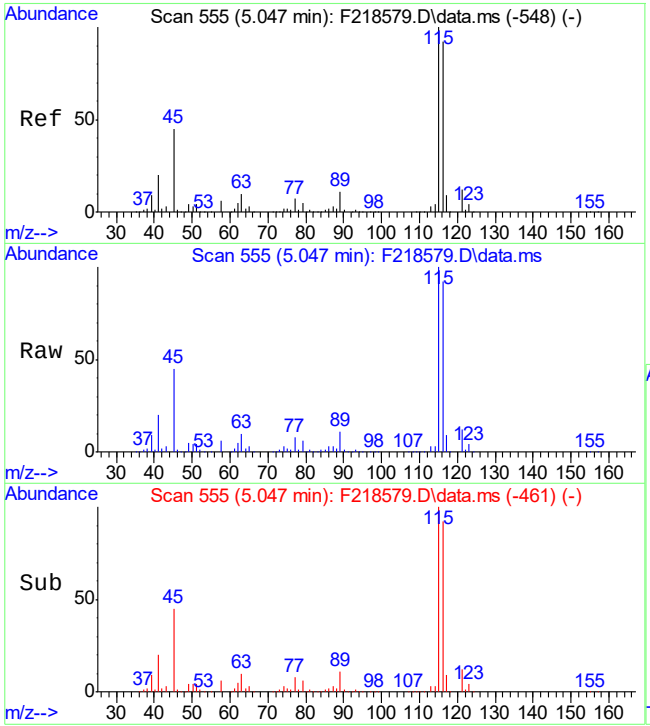


#4
N-Nitrosodimethylamine
Concen: 50.00 ppm
RT: 3.038 min Scan# 179
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 42 Resp: 39006

Ion	Ratio	Lower	Upper
42	100		
74	150.8	120.8	180.8
50	0.0	0.0	30.0

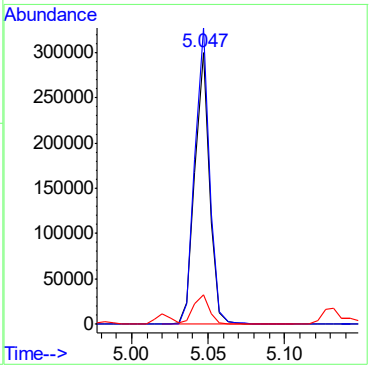


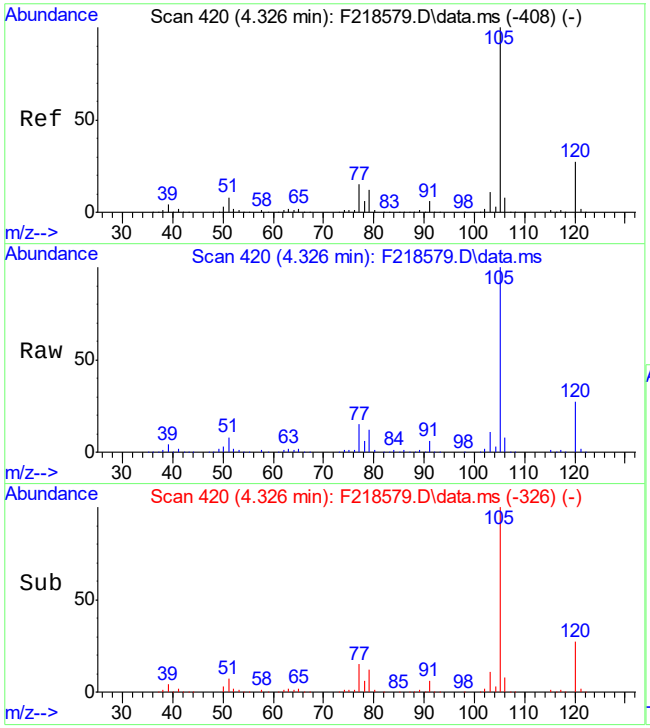


#6
Indene
Concen: 49.99 ppm
RT: 5.047 min Scan# 555
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:116 Resp: 199171

Ion	Ratio	Lower	Upper
116	100		
115	109.0	79.0	139.0
63	9.1	0.0	41.0

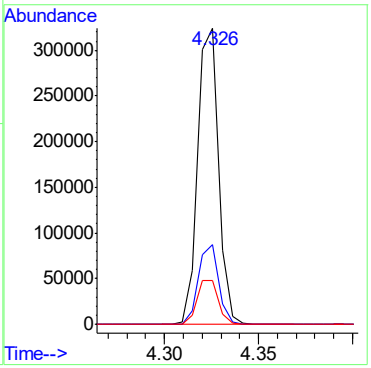


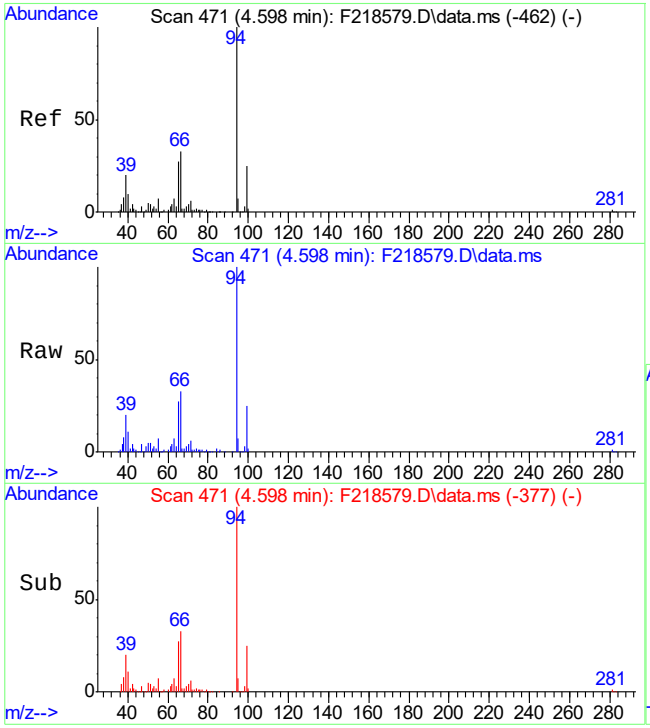


#7
Cumene
Concen: 50.00 ppm
RT: 4.326 min Scan# 420
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:105 Resp: 249662

Ion	Ratio	Lower	Upper
105	100		
120	26.8	0.0	56.8
77	14.8	0.0	44.8

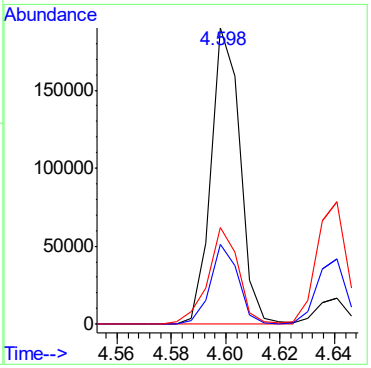


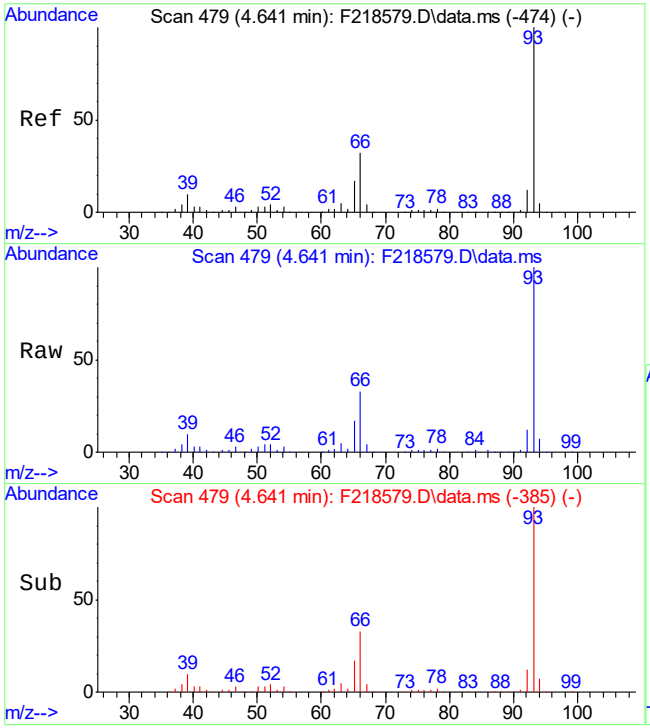


#9
Phenol
Concen: 50.12 ppm
RT: 4.598 min Scan# 471
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 94 Resp: 140794

Ion	Ratio	Lower	Upper
94	100		
65	26.7	0.0	56.8
66	32.3	2.6	62.6

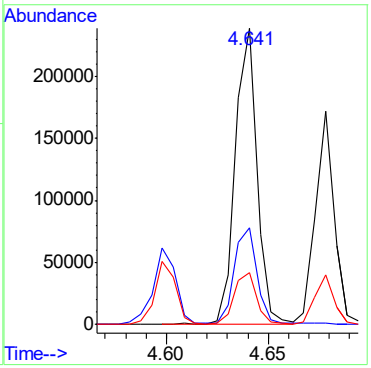


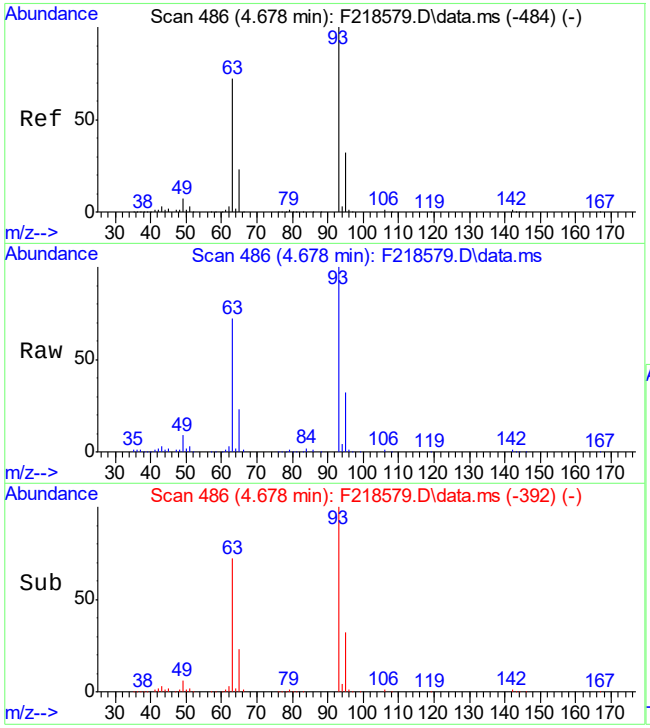


#10
Aniline
Concen: 50.06 ppm
RT: 4.641 min Scan# 479
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 93 Resp: 177487

Ion	Ratio	Lower	Upper
93	100		
66	19.7	2.7	62.7
65	6.7	0.0	47.4

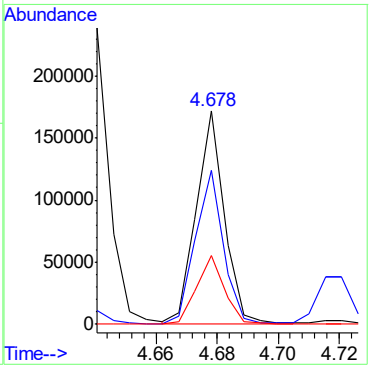


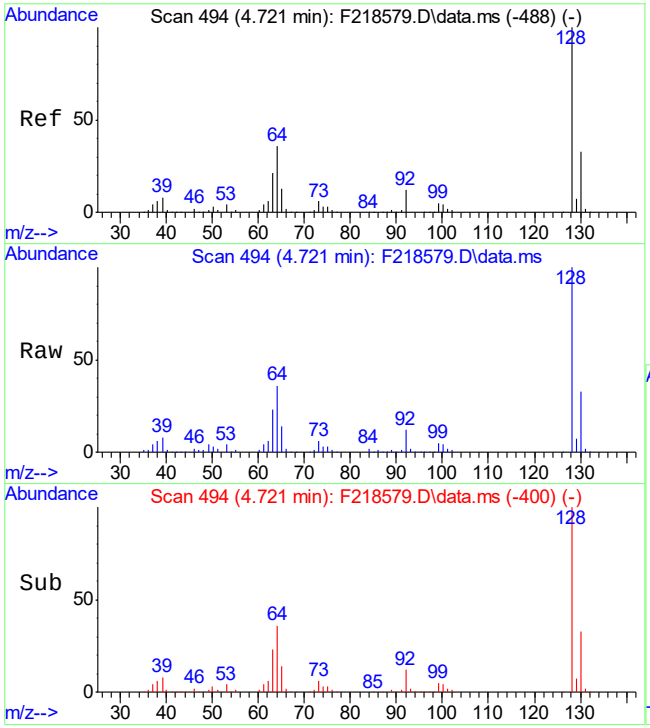


#11
bis(2-Chloroethyl)ether
Concen: 51.65 ppm
RT: 4.678 min Scan# 486
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 93 Resp: 109073

Ion	Ratio	Lower	Upper
93	100		
63	72.5	42.2	102.2
95	32.4	2.1	62.1

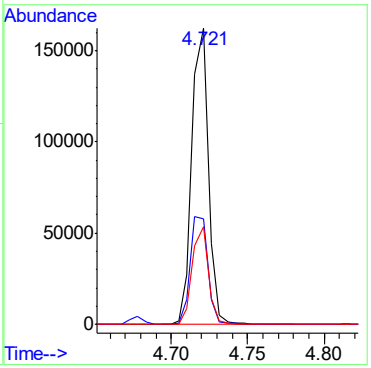


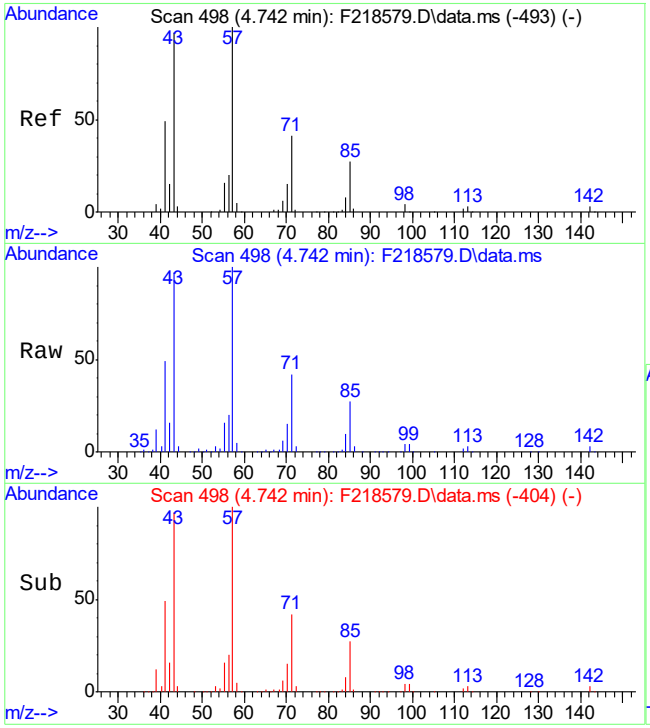


#12
2-Chlorophenol
Concen: 50.14 ppm
RT: 4.721 min Scan# 494
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:128 Resp: 122024

Ion	Ratio	Lower	Upper
128	100		
64	35.8	5.8	65.8
130	33.0	3.0	63.0

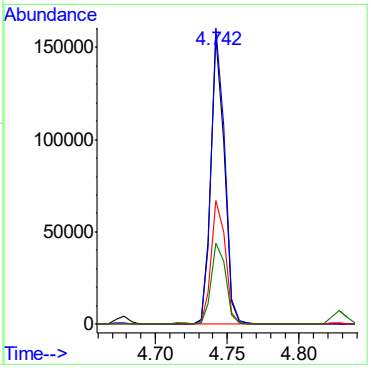


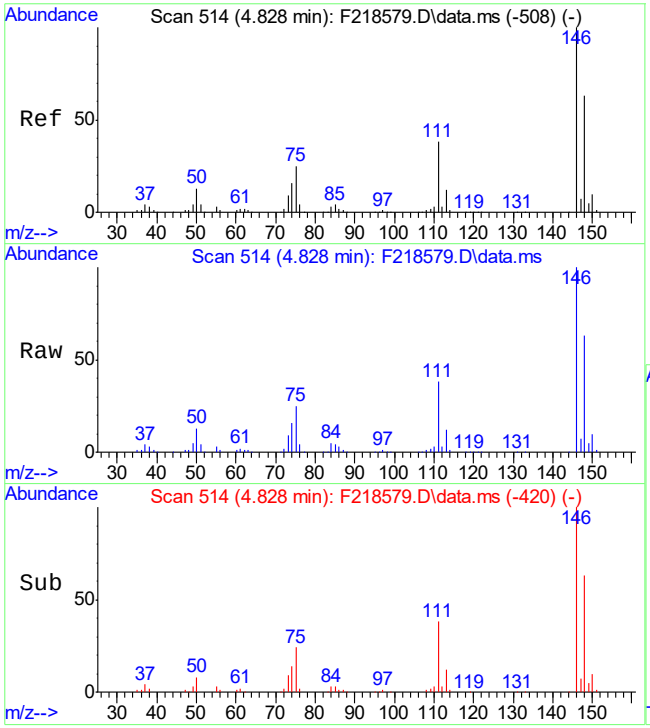


#13
Decane
Concen: 50.18 ppm
RT: 4.742 min Scan# 498
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 43 Resp: 101871

Ion	Ratio	Lower	Upper
43	100		
57	103.2	73.2	133.2
71	43.0	13.0	73.0
85	28.3	0.0	58.3

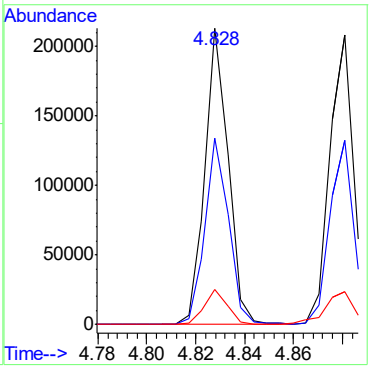


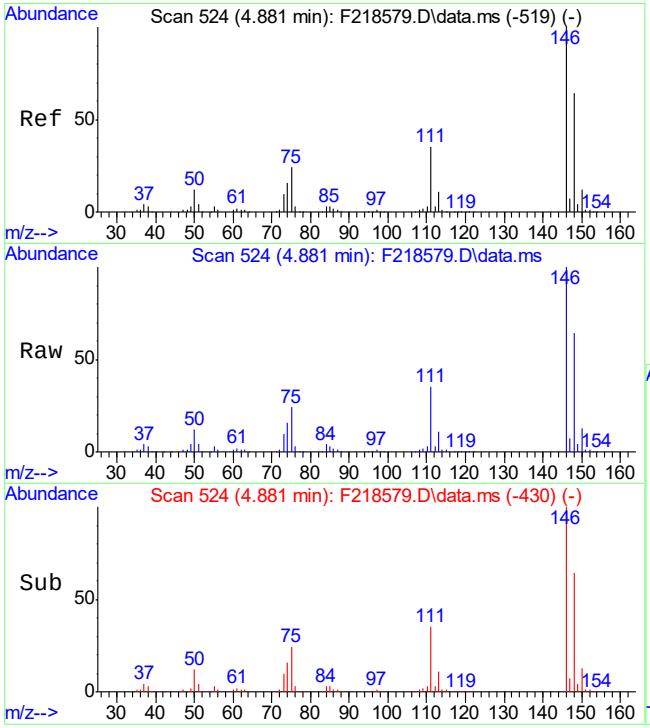


#14
1,3-Dichlorobenzene
Concen: 50.00 ppm
RT: 4.828 min Scan# 514
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:146 Resp: 140458

Ion	Ratio	Lower	Upper
146	100		
148	62.8	32.8	92.8
113	11.8	0.0	41.9

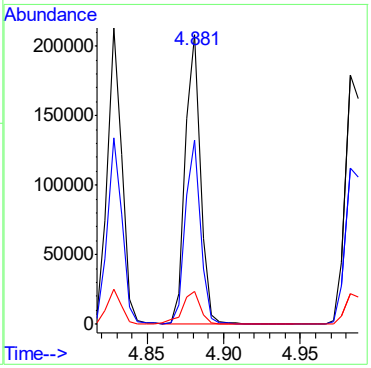


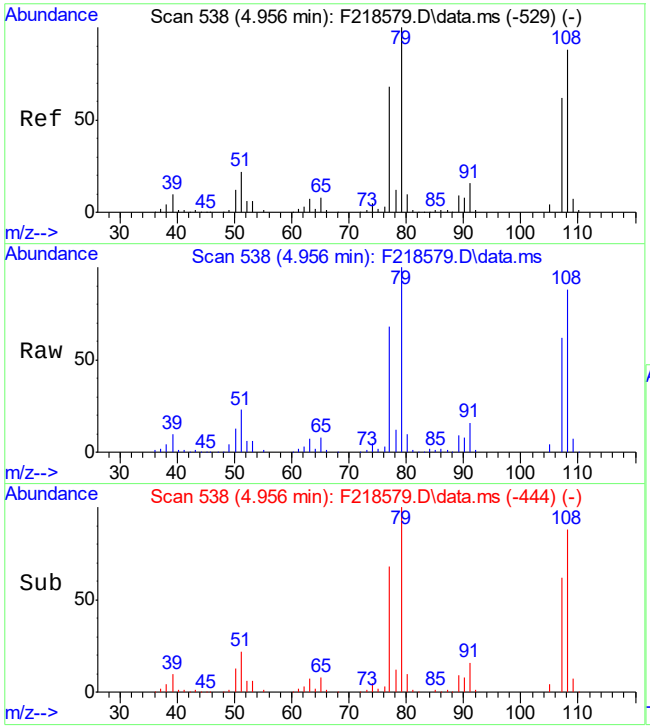


#15
1,4-Dichlorobenzene
Concen: 49.97 ppm
RT: 4.881 min Scan# 524
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:146 Resp: 144309

Ion	Ratio	Lower	Upper
146	100		
148	63.9	33.9	93.9
113	11.1	0.0	41.3

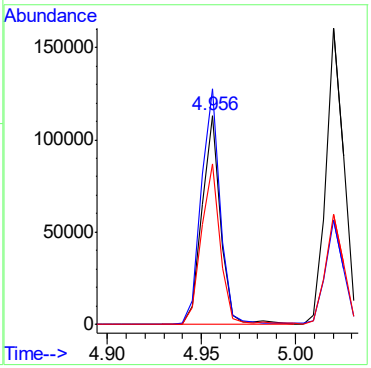


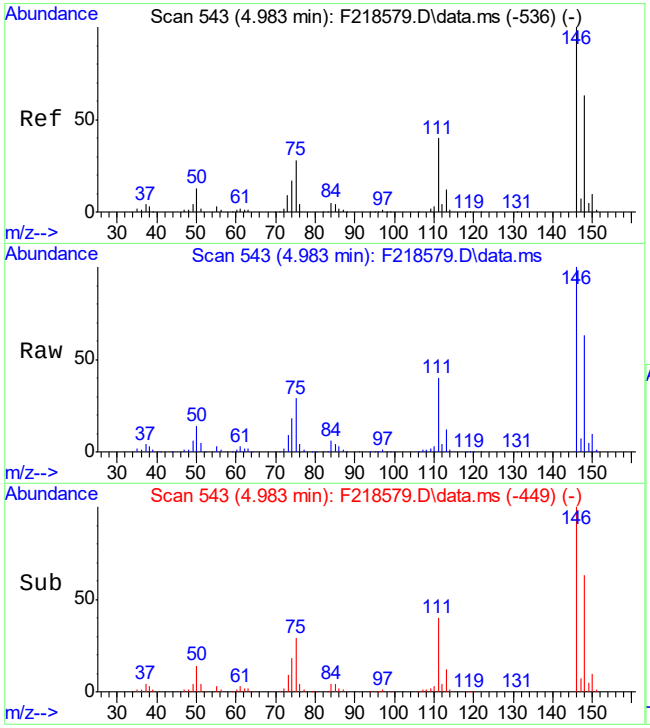


#16
Benzyl alcohol
Concen: 50.06 ppm
RT: 4.956 min Scan# 538
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:108 Resp: 77791

Ion	Ratio	Lower	Upper
108	100		
79	113.1	83.1	143.1
77	76.8	46.9	106.9

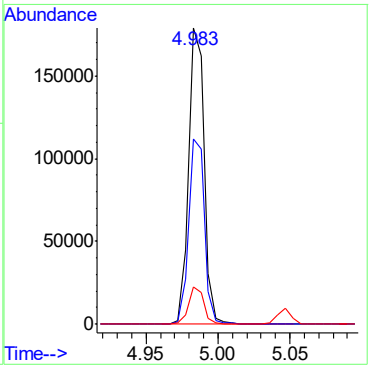


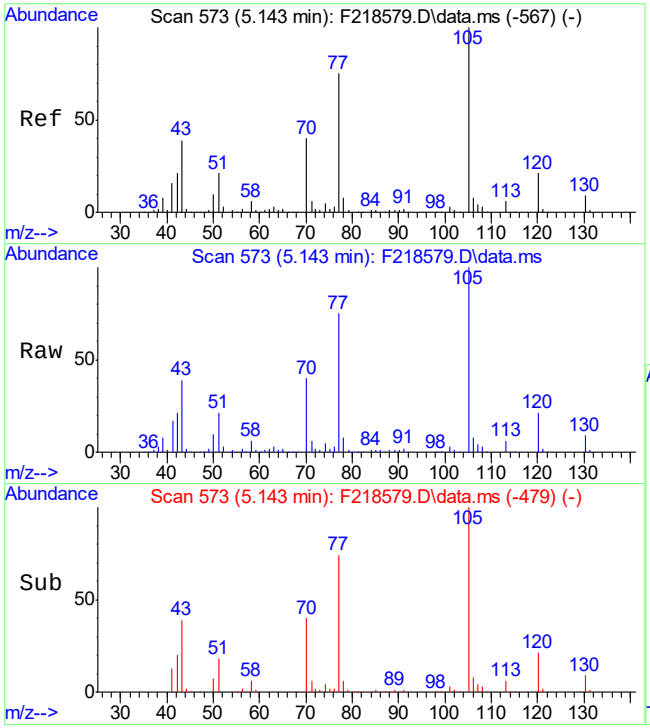


#17
1,2-Dichlorobenzene
Concen: 50.00 ppm
RT: 4.983 min Scan# 543
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:146 Resp: 136414

Ion	Ratio	Lower	Upper
146	100		
148	62.7	32.7	92.7
113	11.4	0.0	42.4

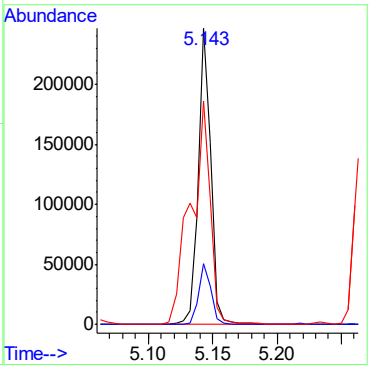


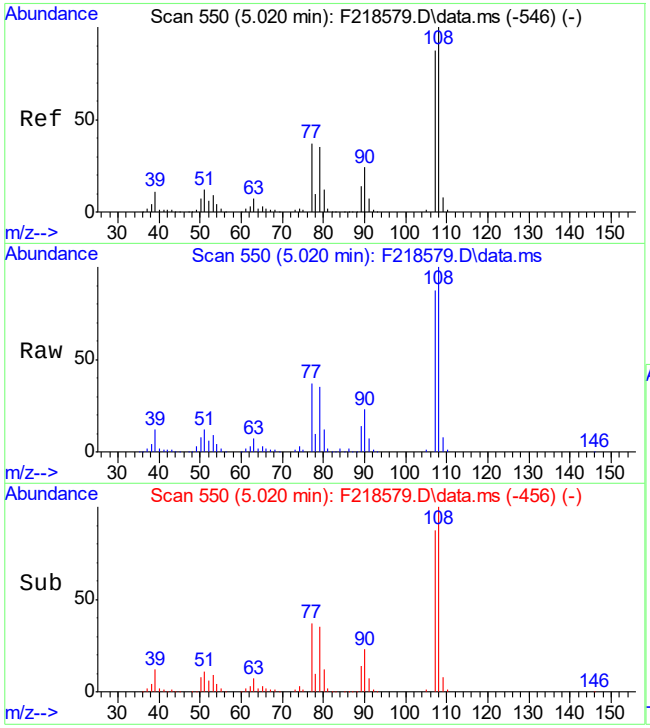


#18
Acetophenone
Concen: 50.10 ppm
RT: 5.143 min Scan# 573
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:105 Resp: 169882

Ion	Ratio	Lower	Upper
105	100		
120	20.5	0.0	50.5
77	75.3	45.3	105.3

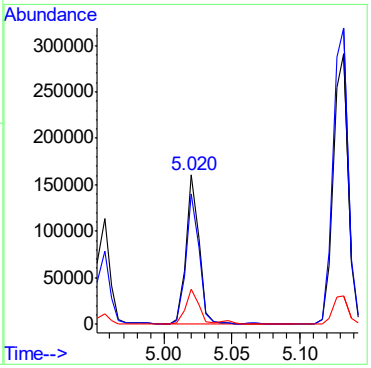


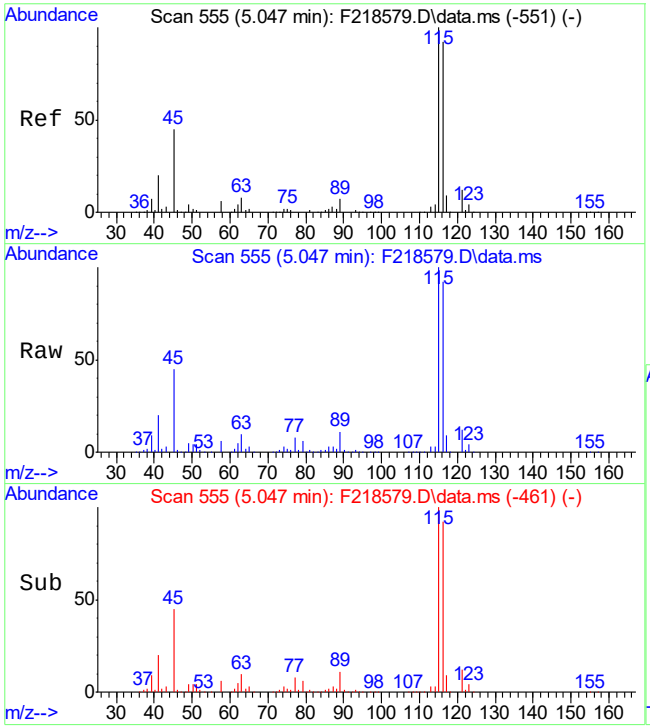


#19
2-Methylphenol
Concen: 50.08 ppm
RT: 5.020 min Scan# 550
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:108 Resp: 107124

Ion	Ratio	Lower	Upper
108	100		
107	86.9	57.0	117.0
90	23.5	0.0	53.5

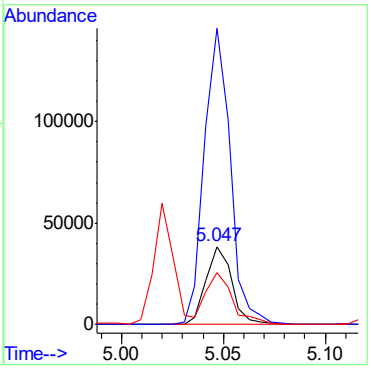


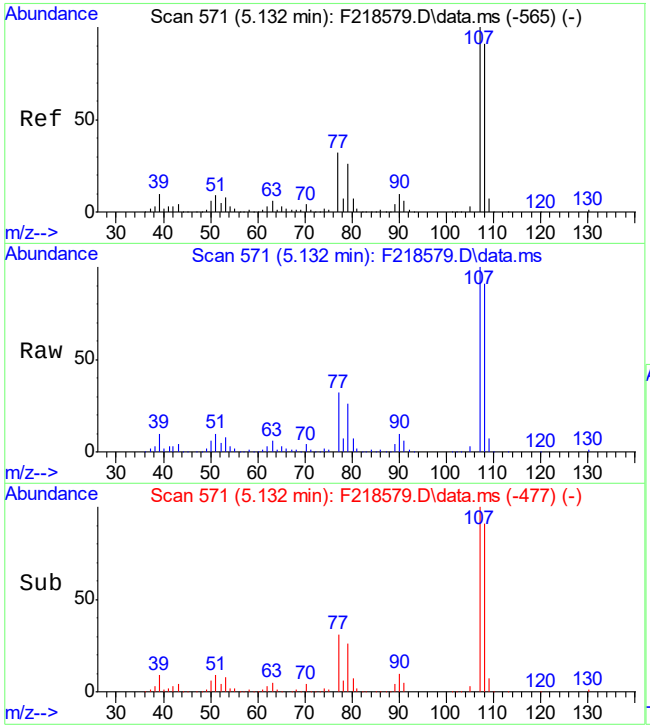


#20
2,2'-oxybis(1-Chloropropane
Concen: 50.00 ppm
RT: 5.047 min Scan# 555
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:121 Resp: 33392

Ion	Ratio	Lower	Upper
121	100		
45	381.3	351.9	411.9
77	0.0	36.1	96.1#

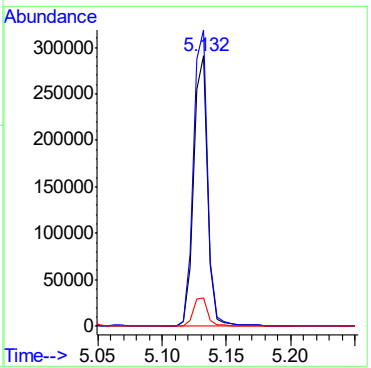


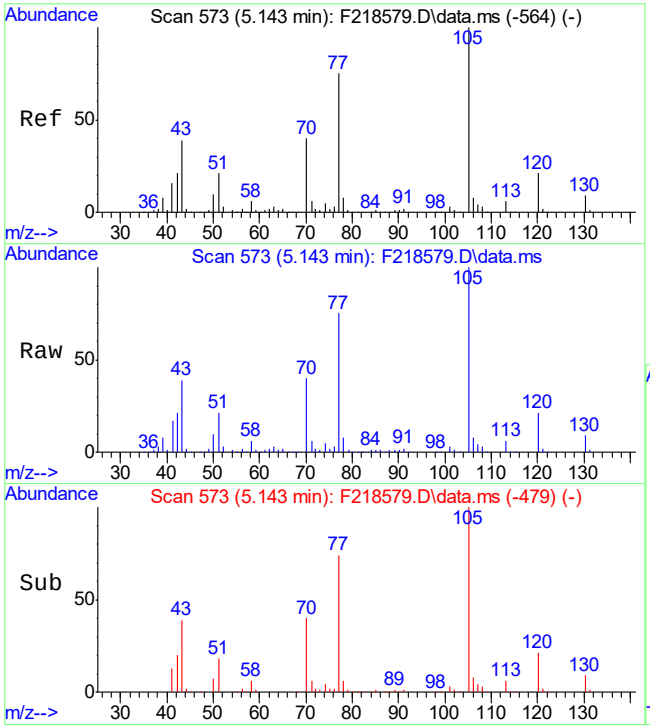


#21
3&4-Methylphenol
Concen: 99.74 ppm
RT: 5.132 min Scan# 571
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:108 Resp: 224502

Ion	Ratio	Lower	Upper
108	100		
107	109.5	79.6	139.6
90	10.5	0.0	40.5

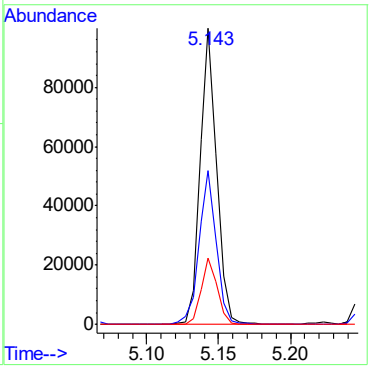


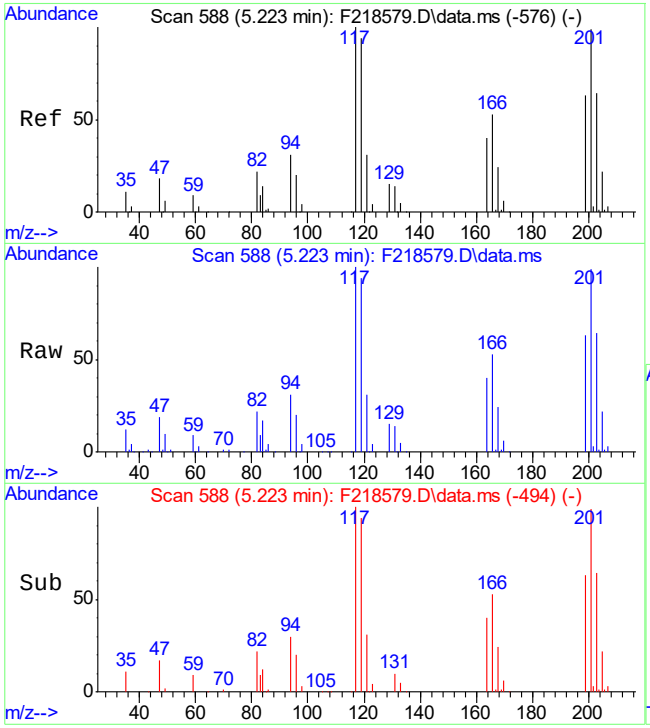


#22
n-Nitroso-di-n-propylamine
Concen: 50.04 ppm
RT: 5.143 min Scan# 573
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 70 Resp: 81059

Ion	Ratio	Lower	Upper
70	100		
42	51.7	36.3	67.3
130	22.3	15.6	29.0

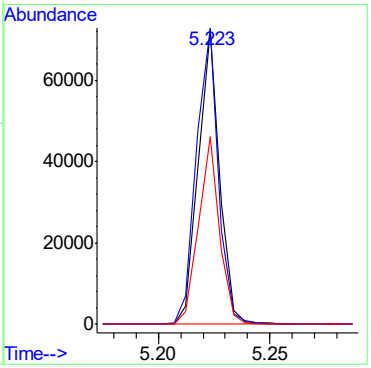


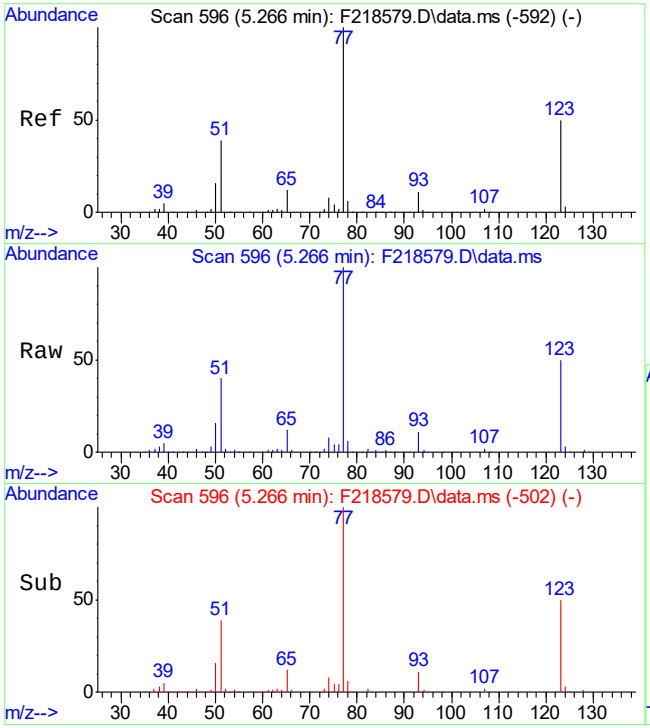


#23
Hexachloroethane
Concen: 50.00 ppm
RT: 5.223 min Scan# 588
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:201 Resp: 47919

Ion	Ratio	Lower	Upper
201	100		
117	100.8	70.8	130.8
199	63.7	33.7	93.7

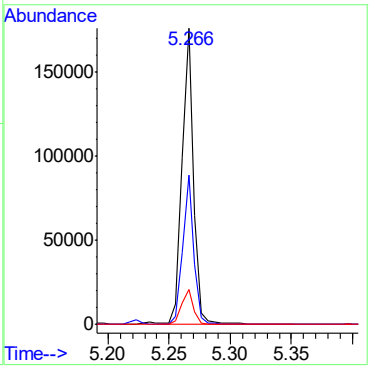


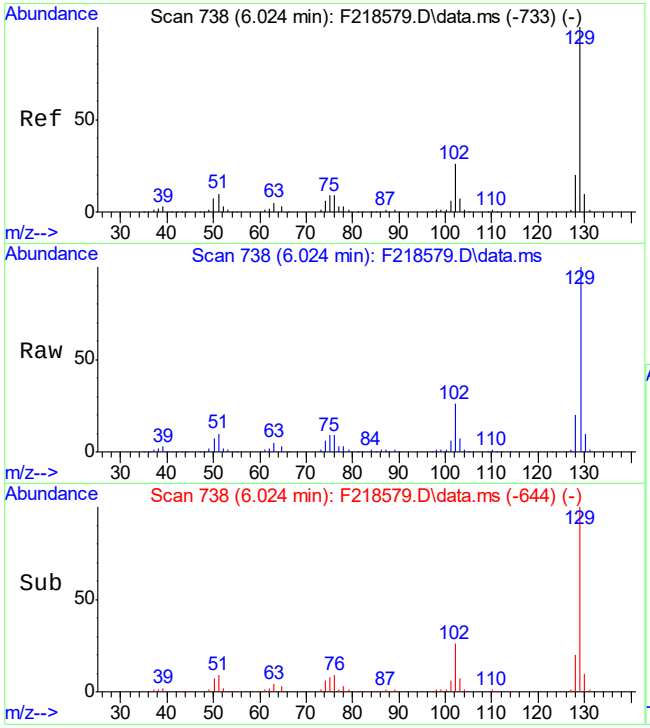


#26
Nitrobenzene
Concen: 50.00 ppm
RT: 5.266 min Scan# 596
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 77 Resp: 117475

Ion	Ratio	Lower	Upper
77	100		
123	50.4	20.4	80.4
65	11.9	0.0	41.9

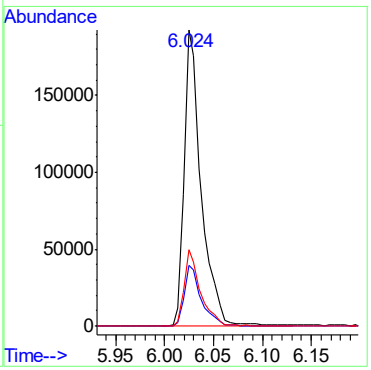


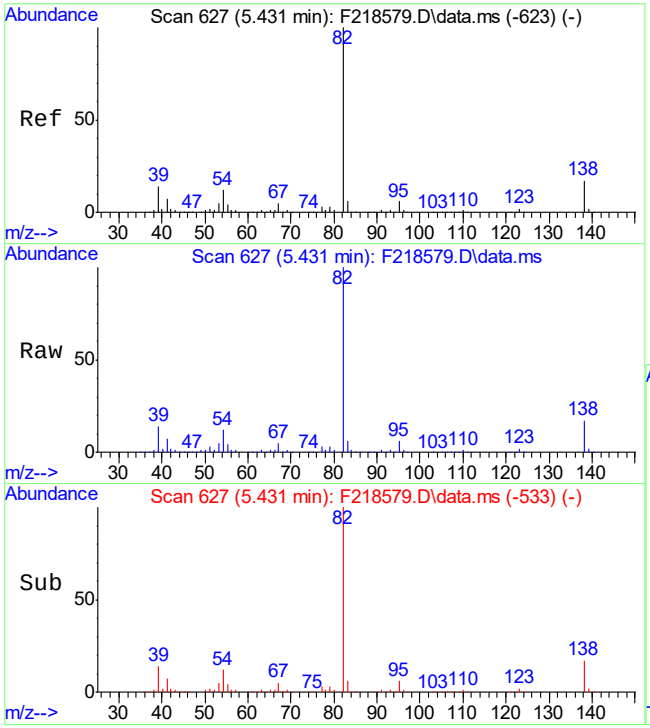


#27
Quinoline
Concen: 50.00 ppm
RT: 6.024 min Scan# 738
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:129 Resp: 234507

Ion	Ratio	Lower	Upper
129	100		
128	20.3	0.0	50.3
102	25.9	0.0	55.9

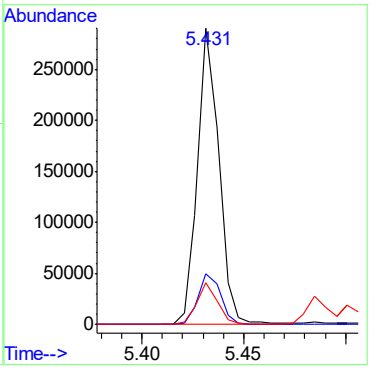


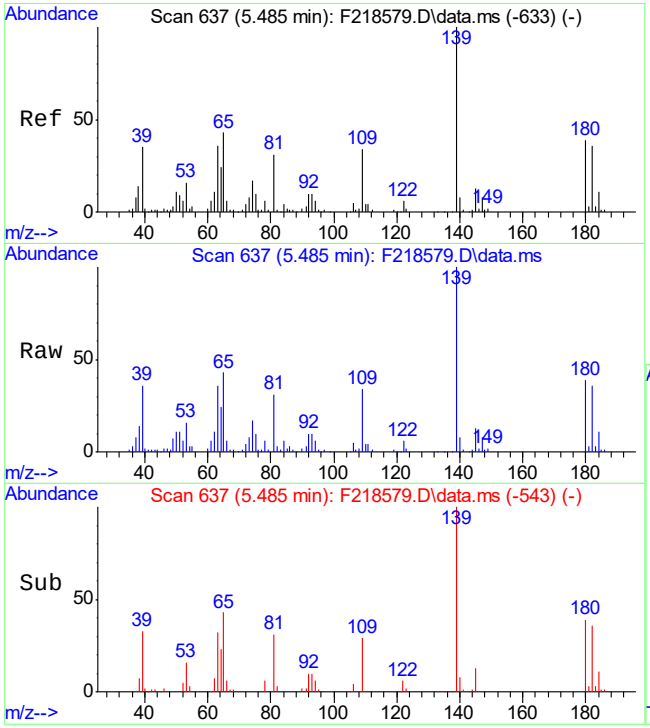


#28
Isophorone
Concen: 50.00 ppm
RT: 5.431 min Scan# 627
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 82 Resp: 210724

Ion	Ratio	Lower	Upper
82	100		
138	17.1	0.0	47.1
39	14.0	0.0	44.0

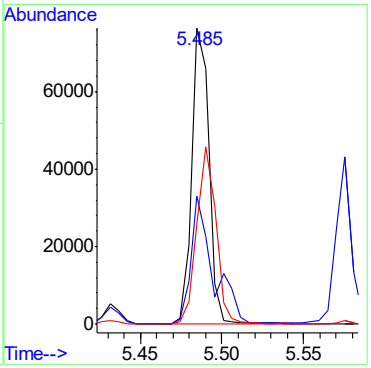


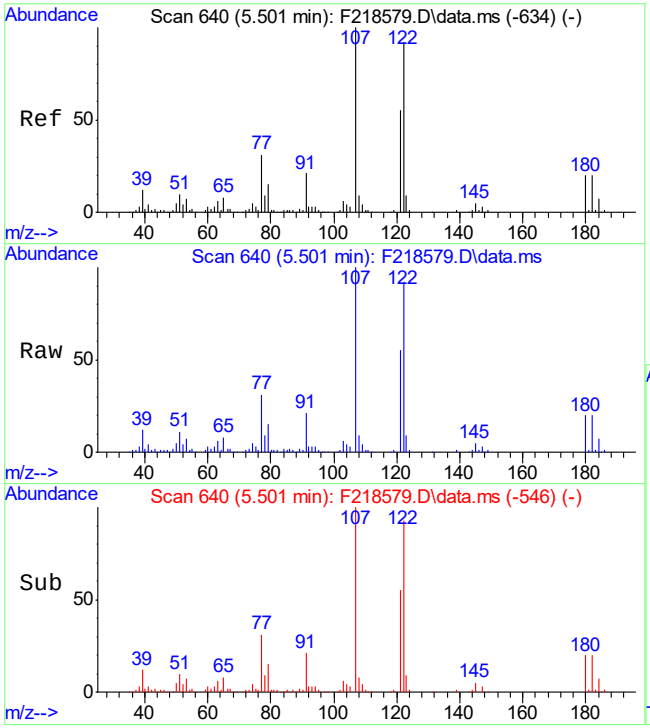


#29
2-Nitrophenol
Concen: 50.00 ppm
RT: 5.485 min Scan# 637
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:139 Resp: 56919

Ion	Ratio	Lower	Upper
139	100		
65	43.1	13.1	73.1
109	33.7	3.7	63.7

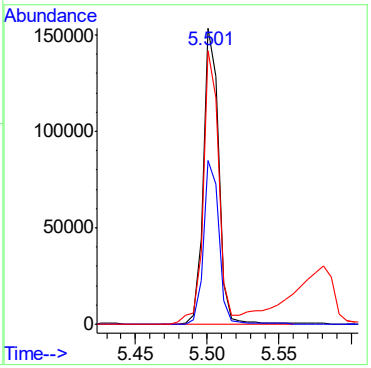


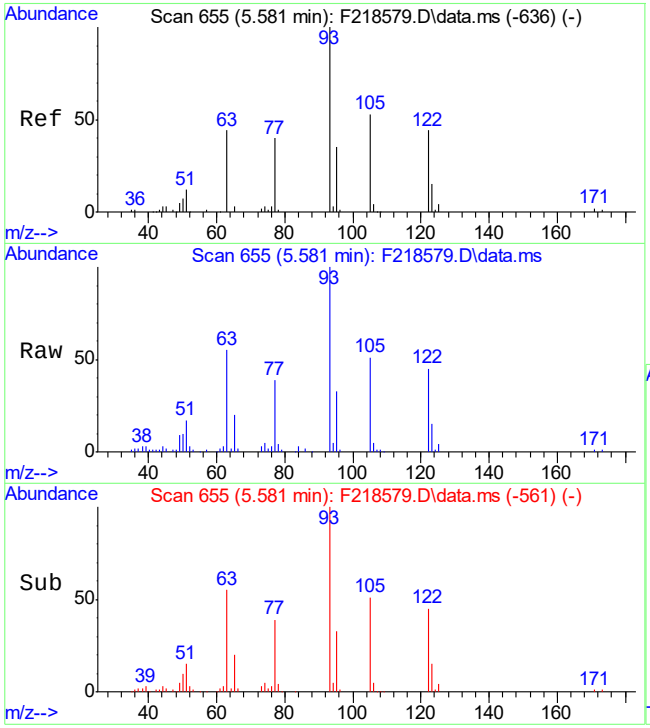


#30
2,4-Dimethylphenol
Concen: 50.00 ppm
RT: 5.501 min Scan# 640
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:107 Resp: 116811

Ion	Ratio	Lower	Upper
107	100		
121	55.4	25.4	85.4
122	87.3	57.3	117.3

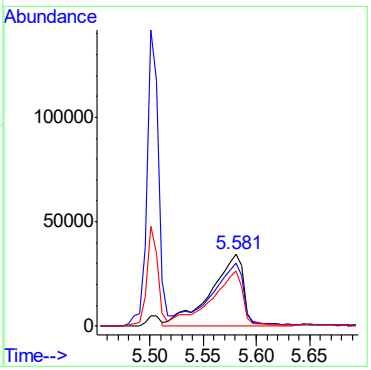


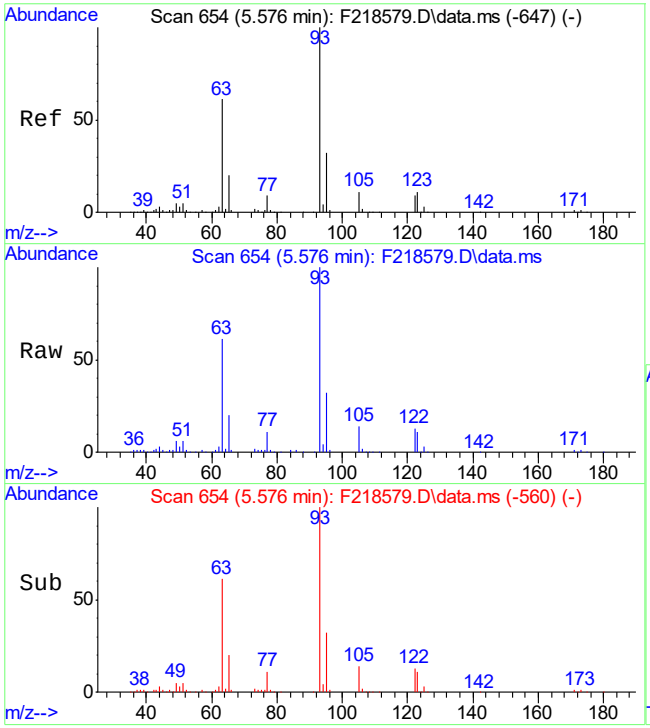


#31
Benzoic acid
Concen: 44.80 ppm
RT: 5.581 min Scan# 655
Delta R.T. 0.001 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:105 Resp: 74330

Ion	Ratio	Lower	Upper
105	100		
122	56.4	56.7	116.7#
77	68.3	46.1	106.1

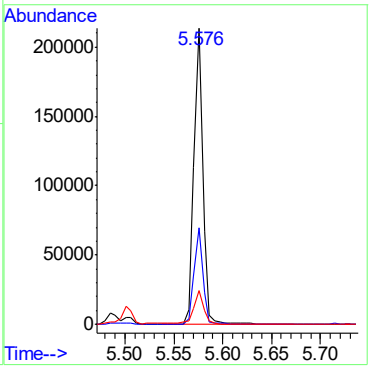


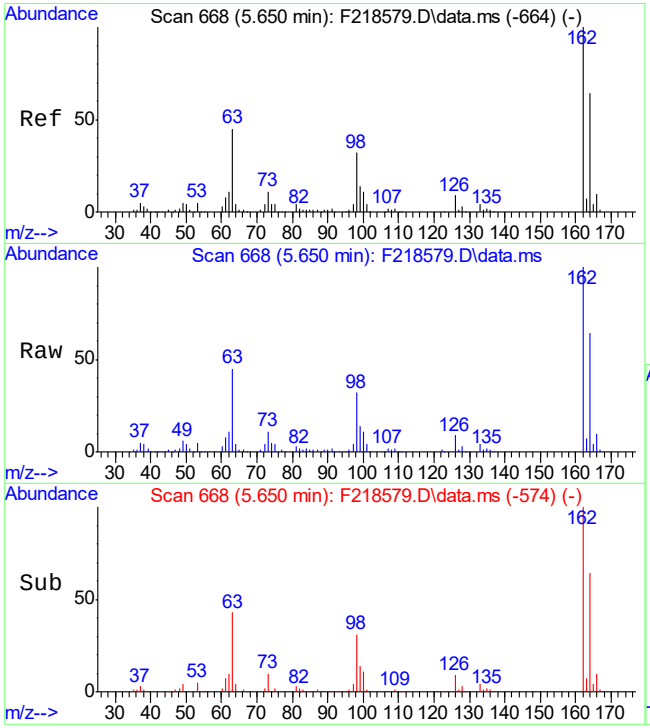


#32
bis(2-Chloroethoxy)methane
Concen: 50.00 ppm
RT: 5.576 min Scan# 654
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 93 Resp: 136199

Ion	Ratio	Lower	Upper
93	100		
95	32.5	2.5	62.5
123	11.2	0.0	41.2

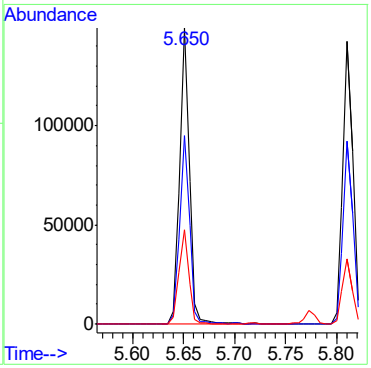


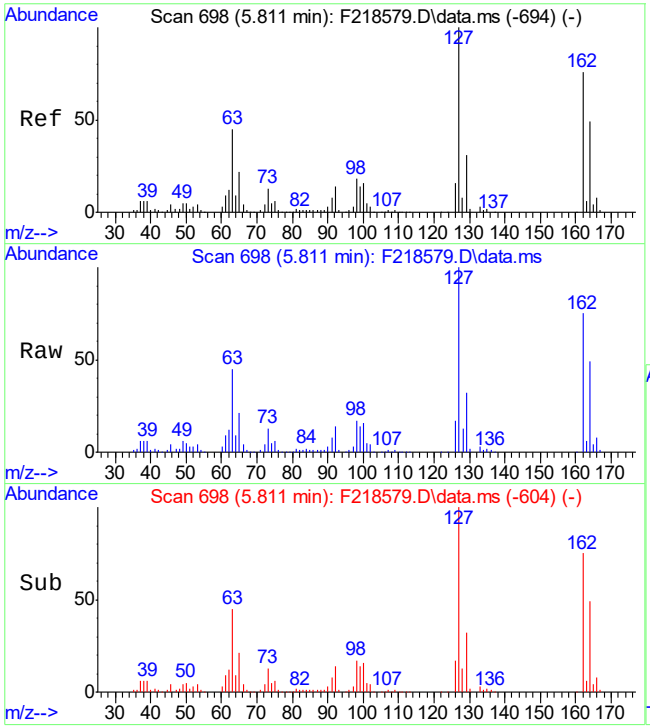


#33
2,4-Dichlorophenol
Concen: 50.00 ppm
RT: 5.650 min Scan# 668
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:162 Resp: 100566

Ion	Ratio	Lower	Upper
162	100		
164	63.6	33.6	93.6
98	31.5	1.5	61.5

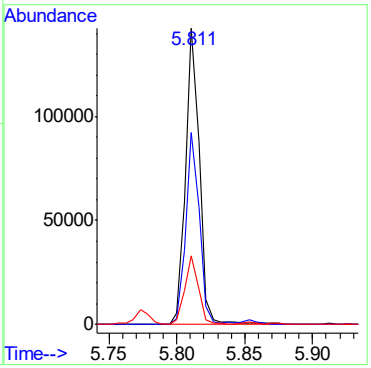


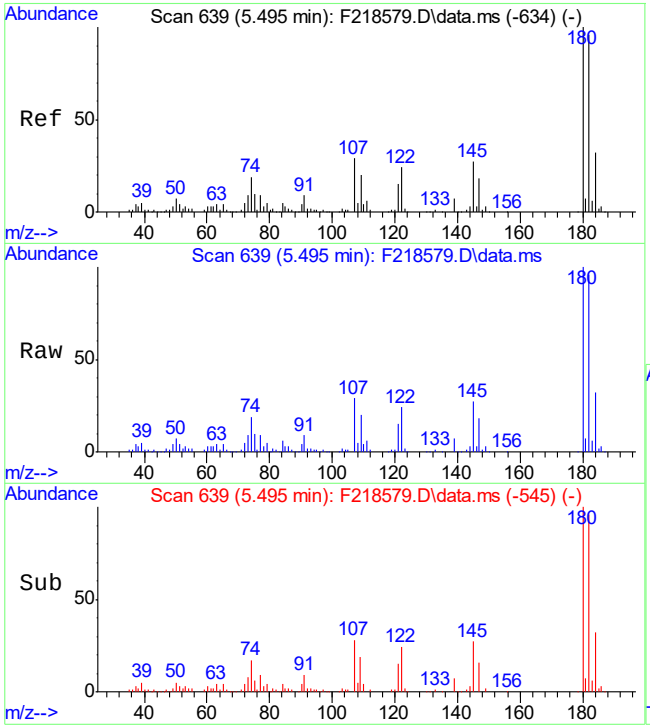


#34
2,6-Dichlorophenol
Concen: 50.00 ppm
RT: 5.811 min Scan# 698
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:162 Resp: 101441

Ion	Ratio	Lower	Upper
162	100		
164	64.9	34.9	94.9
98	23.2	0.0	53.2

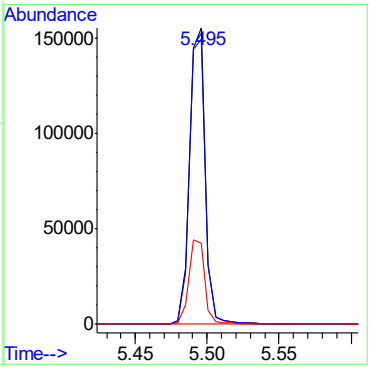


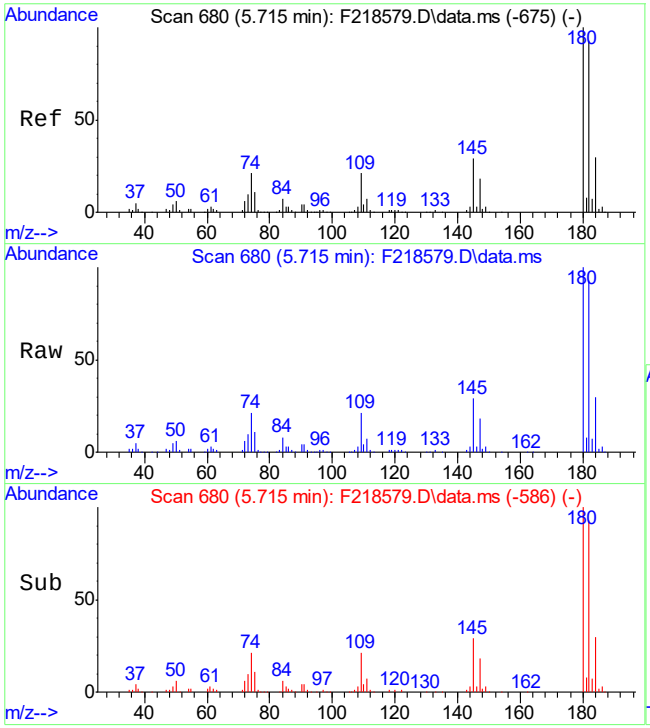


#35
1,3,5-Trichlorobenzene
Concen: 50.00 ppm
RT: 5.495 min Scan# 639
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:180 Resp: 119150

Ion	Ratio	Lower	Upper
180	100		
182	96.2	66.2	126.2
145	27.2	0.0	57.2

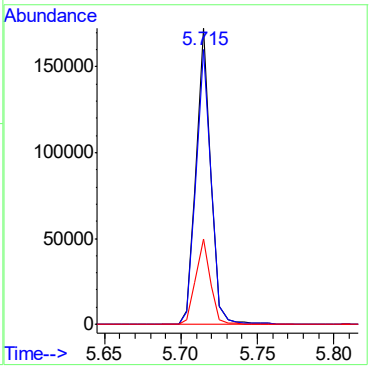


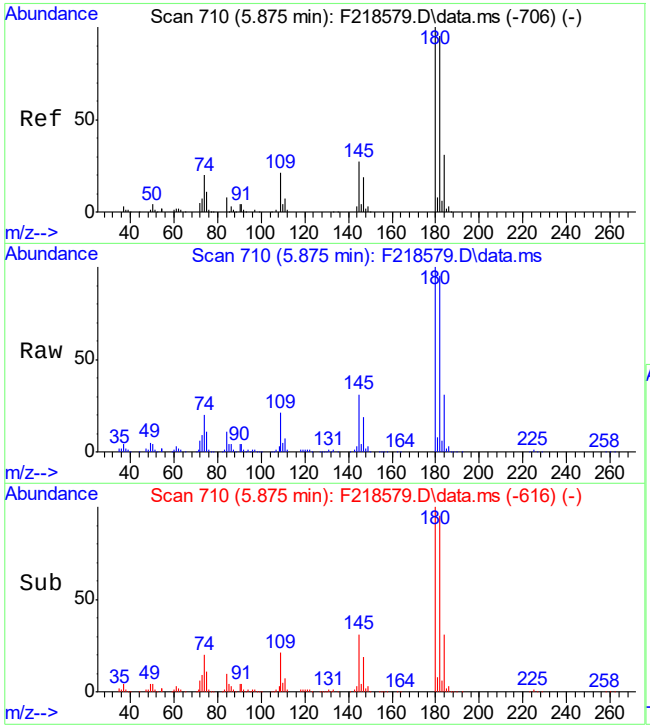


#36
1,2,4-Trichlorobenzene
Concen: 50.00 ppm
RT: 5.715 min Scan# 680
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:180 Resp: 114309

Ion	Ratio	Lower	Upper
180	100		
182	92.8	62.8	122.8
145	28.7	0.0	58.7

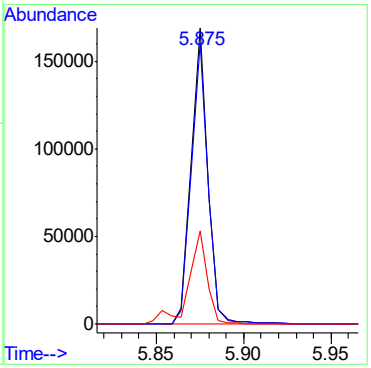


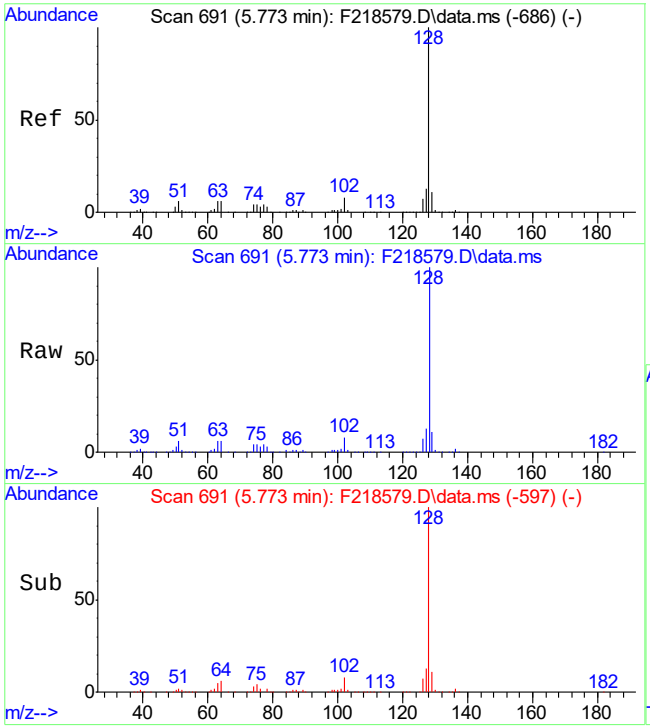


#37
1,2,3-Trichlorobenzene
Concen: 50.00 ppm
RT: 5.875 min Scan# 710
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:180 Resp: 111801

Ion	Ratio	Lower	Upper
180	100		
182	95.1	65.1	125.1
145	29.2	0.0	59.2

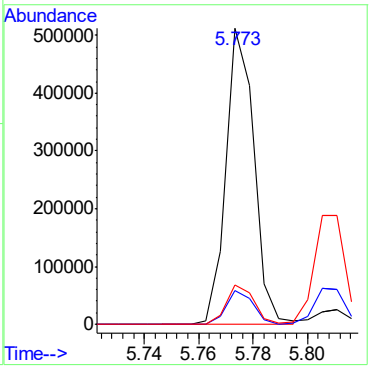


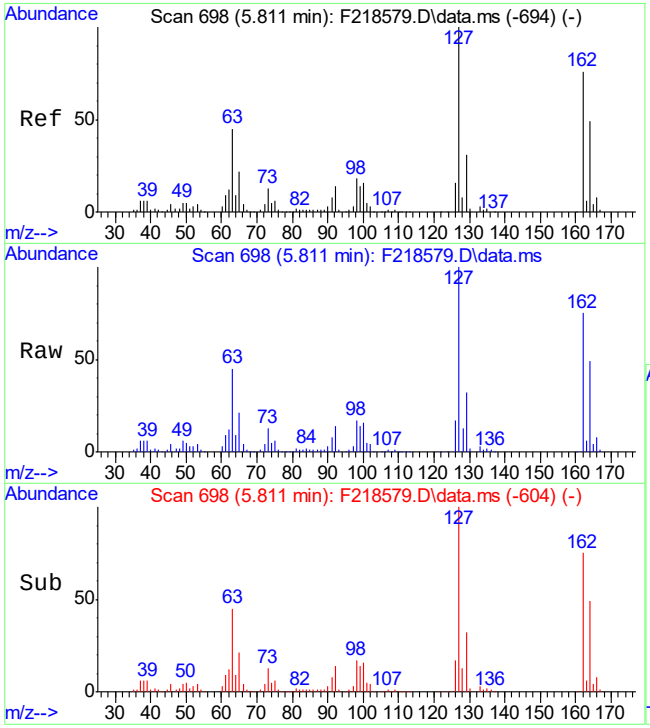


#38
Naphthalene
Concen: 50.00 ppm
RT: 5.773 min Scan# 691
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:128 Resp: 366967

Ion	Ratio	Lower	Upper
128	100		
129	11.2	0.0	41.2
127	12.9	0.0	42.9

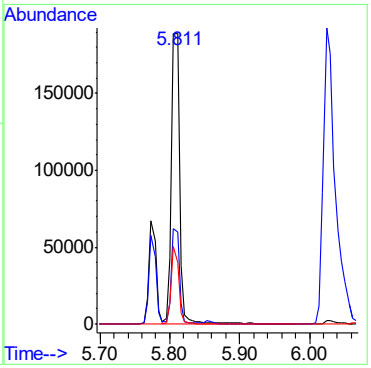


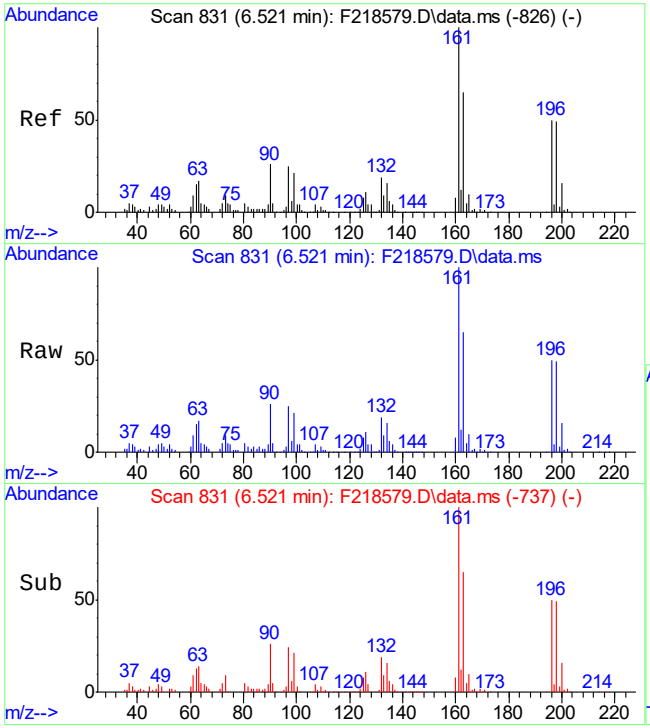


#39
4-Chloroaniline
Concen: 50.00 ppm
RT: 5.811 min Scan# 698
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:127 Resp: 156883

Ion	Ratio	Lower	Upper
127	100		
129	31.5	1.5	61.5
65	21.5	0.0	51.5

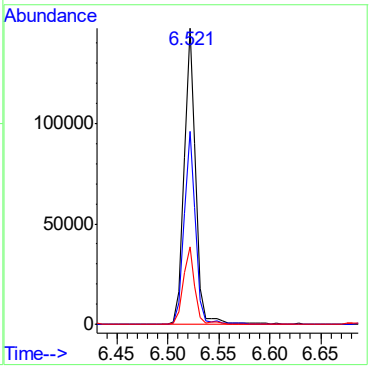


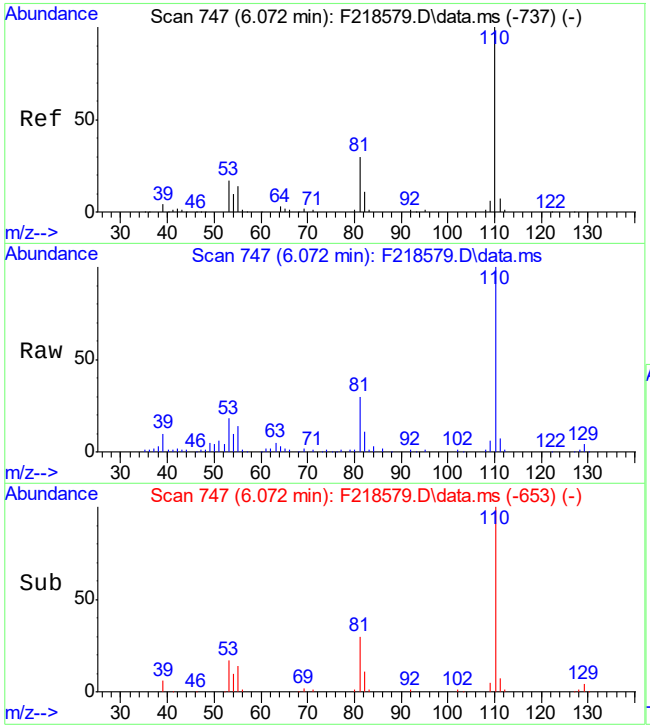


#40
2,3-Dichloroaniline
Concen: 50.00 ppm
RT: 6.521 min Scan# 831
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:161 Resp: 119412

Ion	Ratio	Lower	Upper
161	100		
163	65.0	35.0	95.0
90	26.3	0.0	56.3

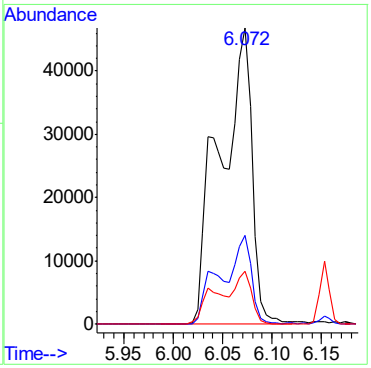


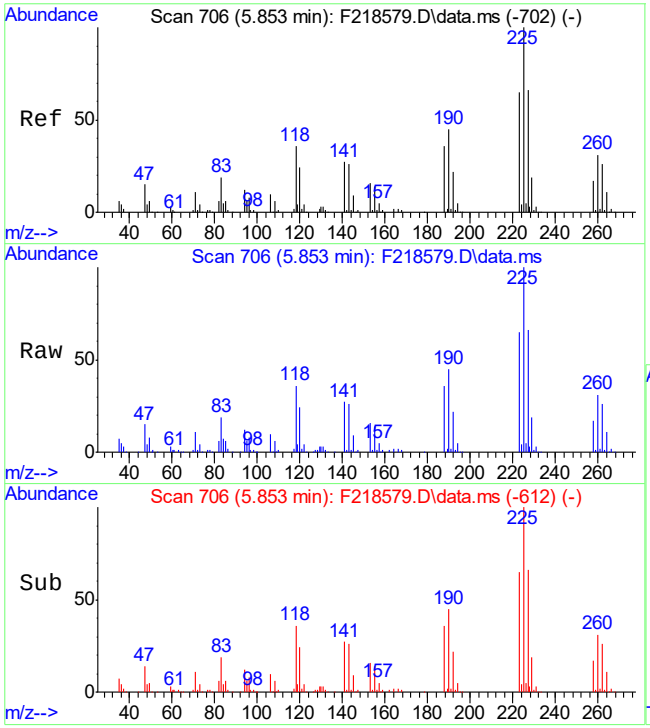


#41
Hydroquinone
Concen: 50.36 ppm m
RT: 6.072 min Scan# 747
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:110 Resp: 105488

Ion	Ratio	Lower	Upper
110	100		
81	29.9	0.0	59.9
53	17.7	0.0	47.7

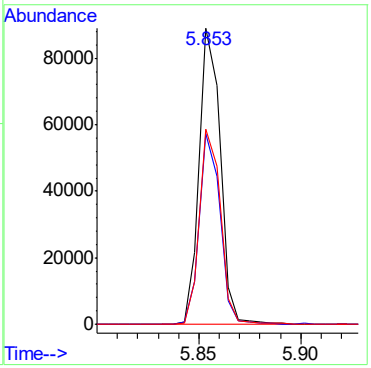


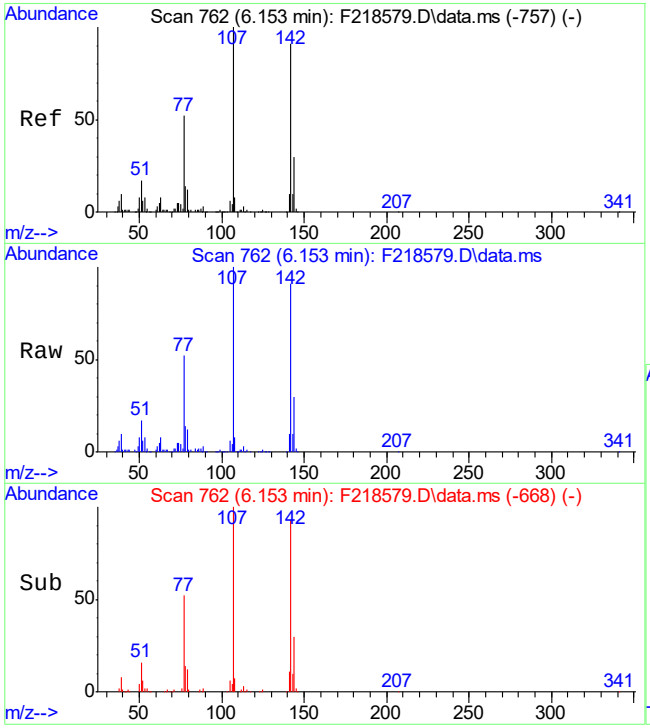


#42
Hexachlorobutadiene
Concen: 50.00 ppm
RT: 5.853 min Scan# 706
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:225 Resp: 63592

Ion	Ratio	Lower	Upper
225	100		
223	64.5	34.5	94.5
227	65.8	35.8	95.8

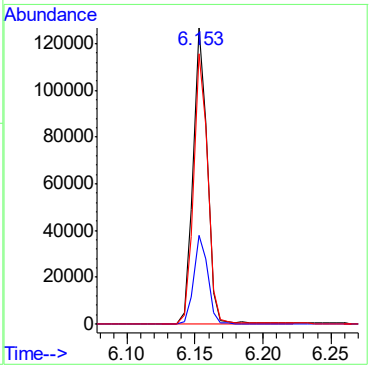


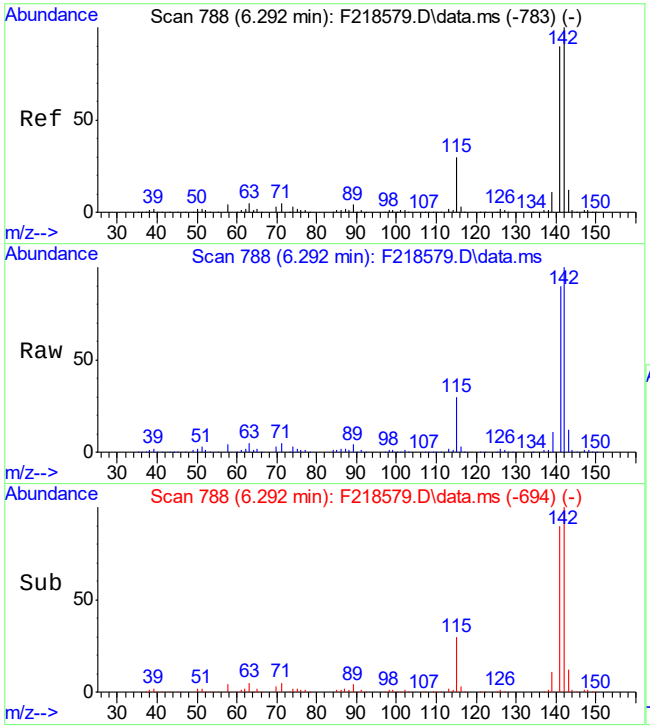


#43
4-Chloro-3-methylphenol
Concen: 50.00 ppm
RT: 6.153 min Scan# 762
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:107 Resp: 92394

Ion	Ratio	Lower	Upper
107	100		
144	29.9	0.0	59.9
142	91.5	61.5	121.5

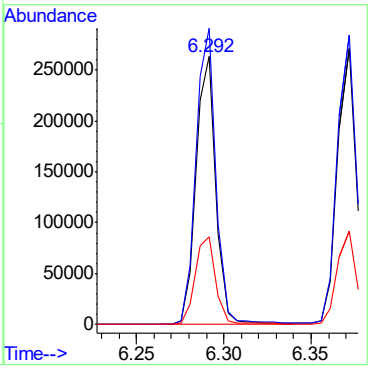


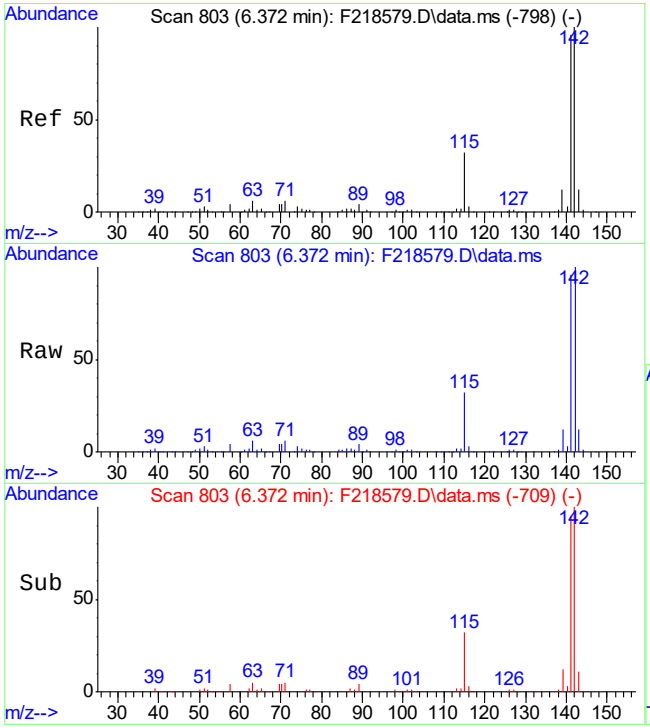


#44
2-Methylnaphthalene
Concen: 50.00 ppm
RT: 6.292 min Scan# 788
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:141 Resp: 209421

Ion	Ratio	Lower	Upper
141	100		
142	110.5	80.5	140.5
115	32.8	2.8	62.8

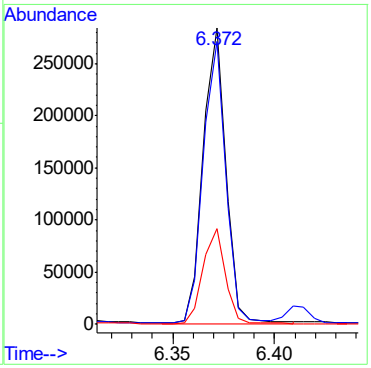


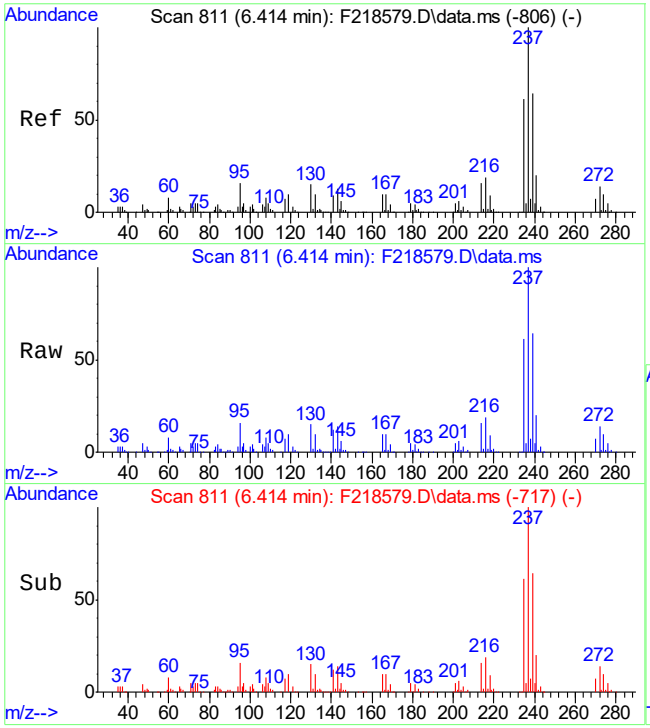


#45
1-Methylnaphthalene
Concen: 50.00 ppm
RT: 6.372 min Scan# 803
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:142 Resp: 221159

Ion	Ratio	Lower	Upper
142	100		
141	92.9	62.9	122.9
115	32.4	2.4	62.4

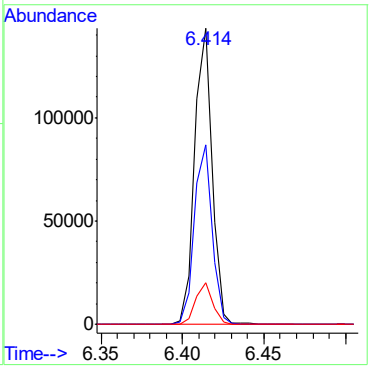


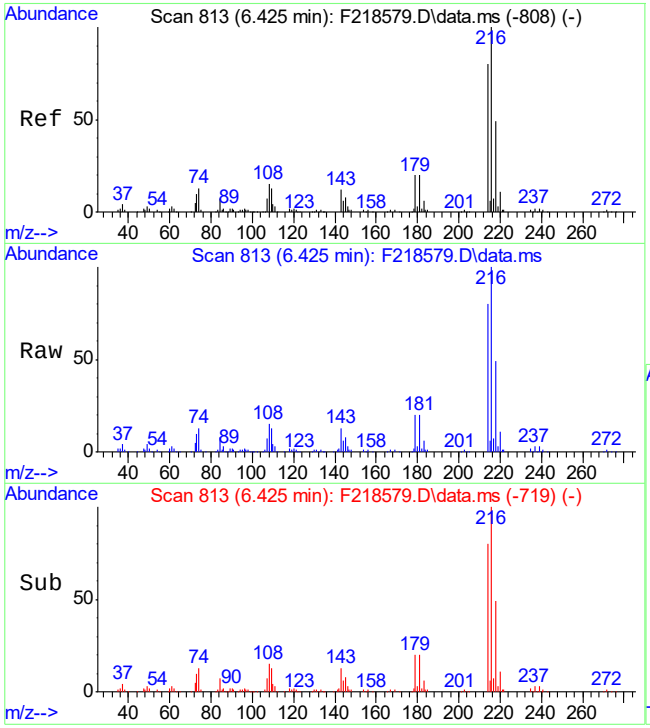


#47
Hexachlorocyclopentadiene
Concen: 100.00 ppm
RT: 6.414 min Scan# 811
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:237 Resp: 107110

Ion	Ratio	Lower	Upper
237	100		
235	60.8	30.8	90.8
272	14.0	0.0	44.0

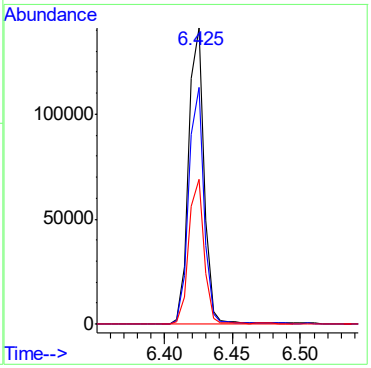


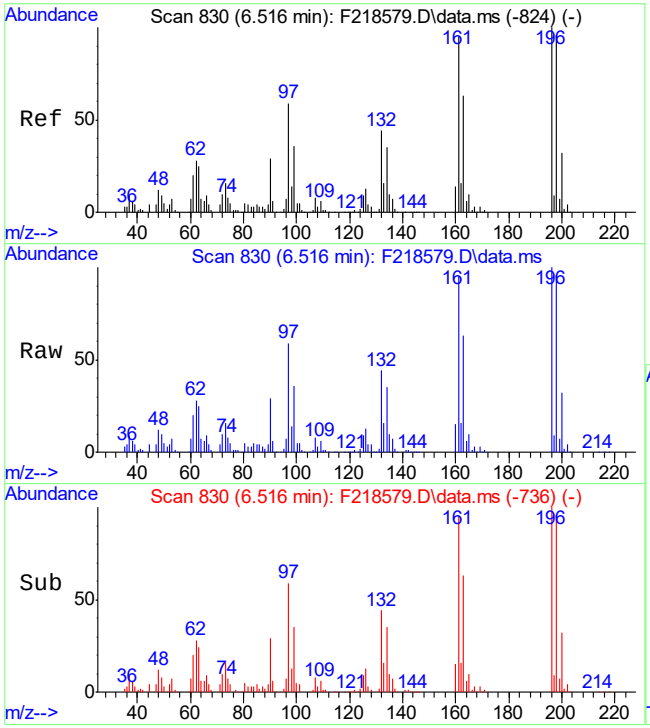


#48
1,2,4,5-tetrachlorobenzene
Concen: 50.00 ppm
RT: 6.425 min Scan# 813
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:216 Resp: 112315

Ion	Ratio	Lower	Upper
216	100		
214	79.4	55.6	103.2
218	48.0	33.6	62.4

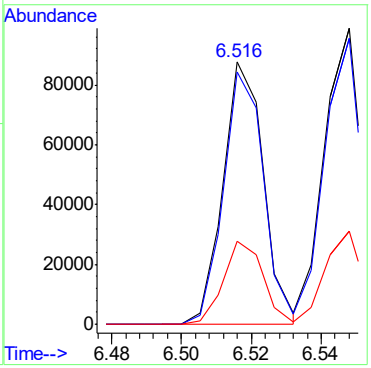


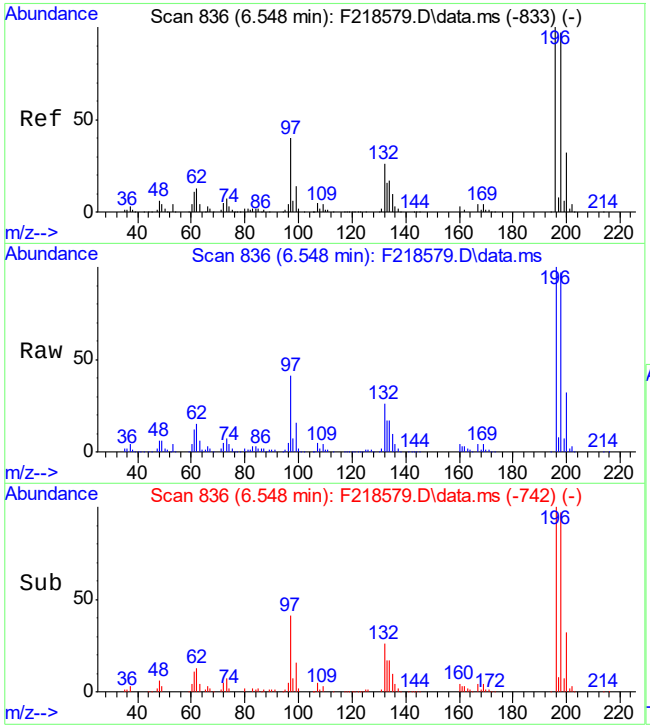


#49
2,4,6-Trichlorophenol
Concen: 50.00 ppm
RT: 6.516 min Scan# 830
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:196 Resp: 70221

Ion	Ratio	Lower	Upper
196	100		
198	96.3	66.2	126.2
200	31.8	1.7	61.7

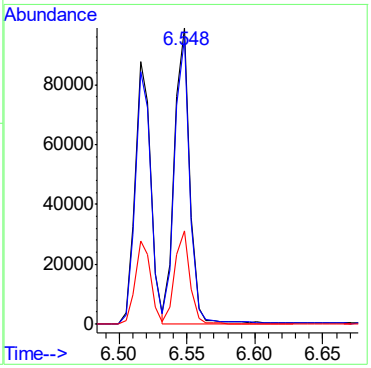


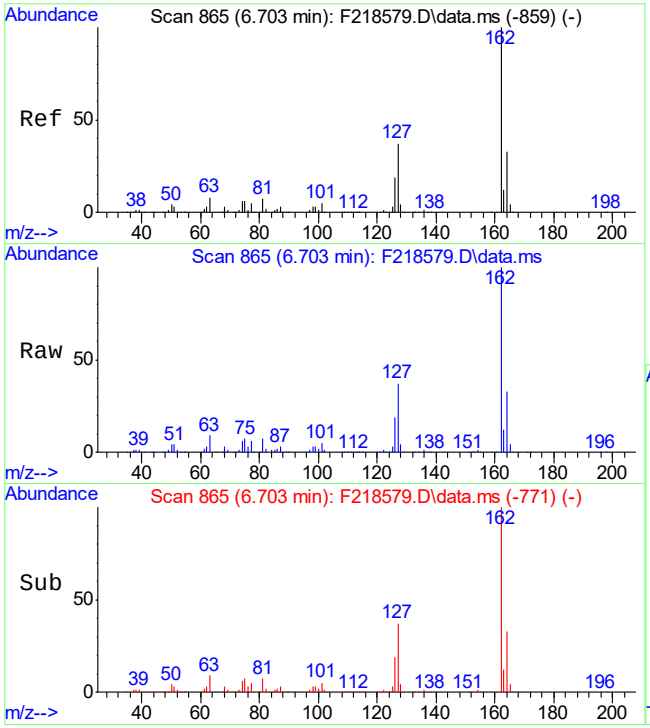


#50
2,4,5-Trichlorophenol
Concen: 50.00 ppm
RT: 6.548 min Scan# 836
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:196 Resp: 77865

Ion	Ratio	Lower	Upper
196	100		
198	96.8	66.8	126.8
200	31.7	1.7	61.7

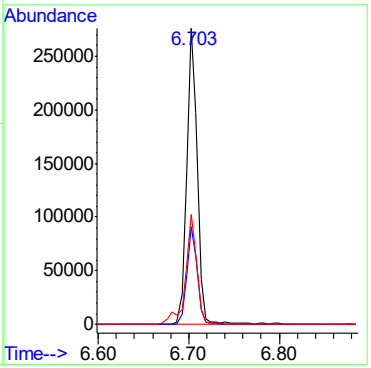


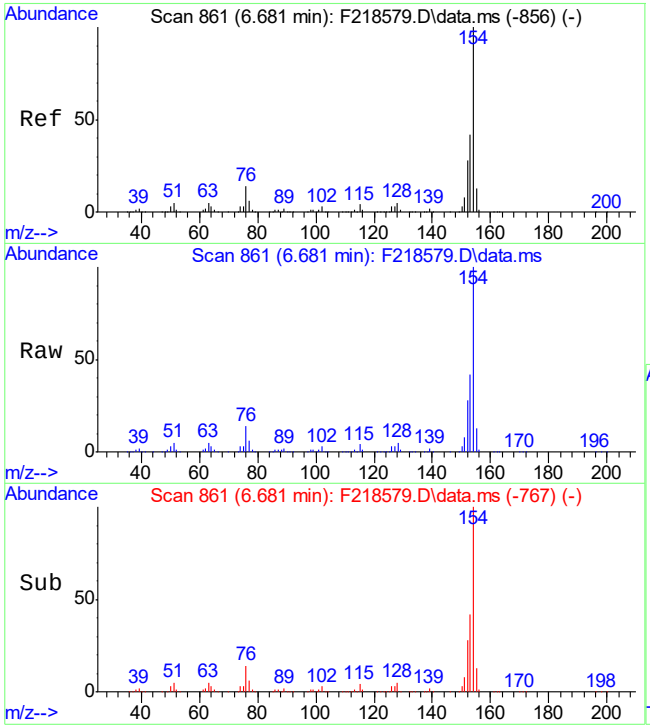


#52
2-Chloronaphthalene
Concen: 50.00 ppm
RT: 6.703 min Scan# 865
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:162 Resp: 228174

Ion	Ratio	Lower	Upper
162	100		
164	33.0	3.0	63.0
127	36.9	6.9	66.9

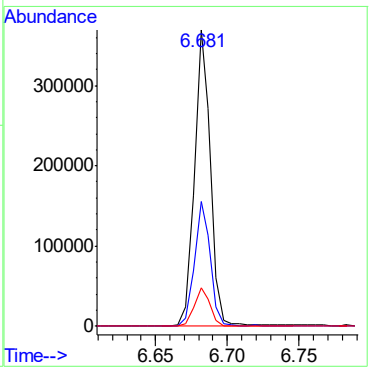


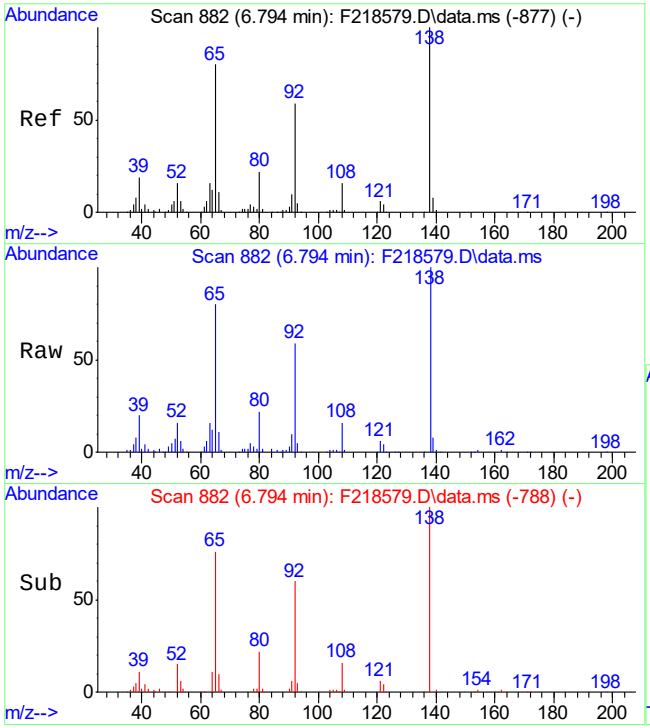


#53
Biphenyl
Concen: 50.00 ppm
RT: 6.681 min Scan# 861
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:154 Resp: 292231

Ion	Ratio	Lower	Upper
154	100		
153	42.0	12.0	72.0
155	12.7	0.0	42.7

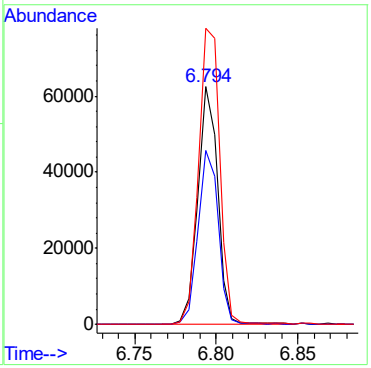


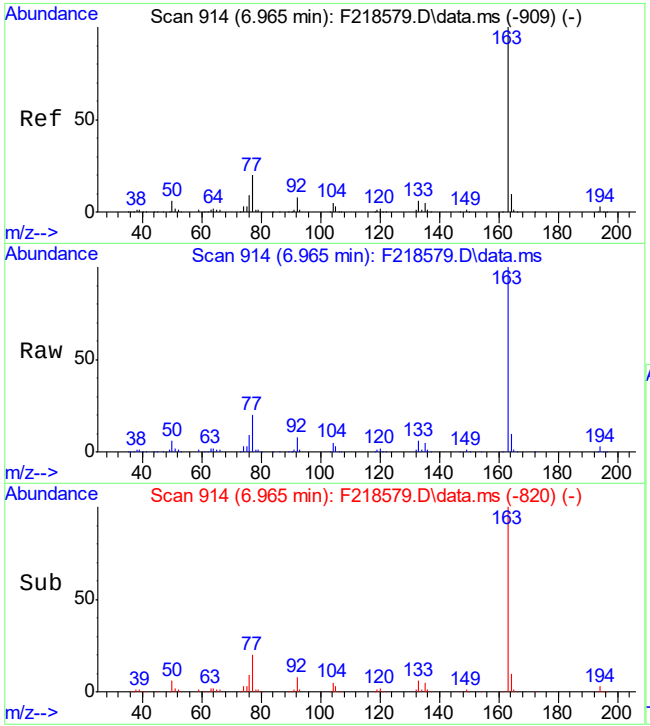


#54
2-Nitroaniline
Concen: 50.00 ppm
RT: 6.794 min Scan# 882
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 65 Resp: 52818

Ion	Ratio	Lower	Upper
65	100		
92	73.2	43.2	103.2
138	124.6	94.6	154.6

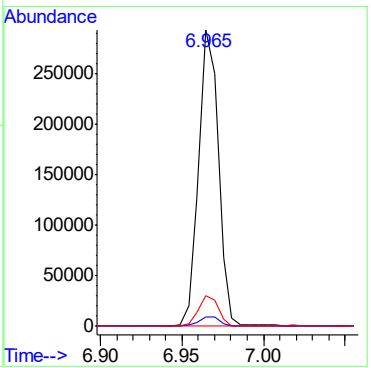


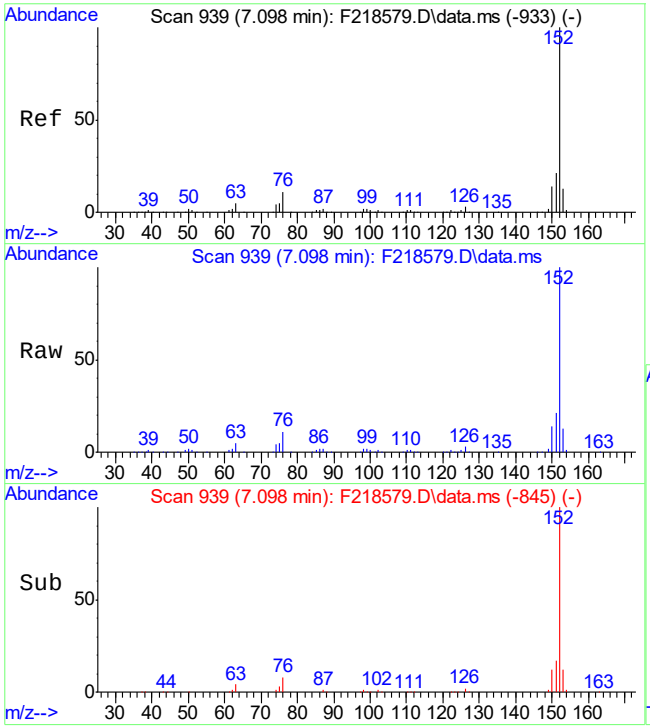


#55
Dimethylphthalate
Concen: 50.00 ppm
RT: 6.965 min Scan# 914
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:163 Resp: 247865

Ion	Ratio	Lower	Upper
163	100		
194	3.2	0.0	33.2
164	10.3	0.0	40.3

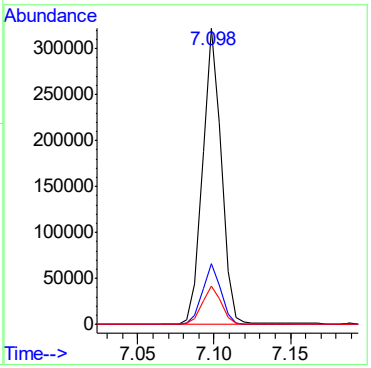


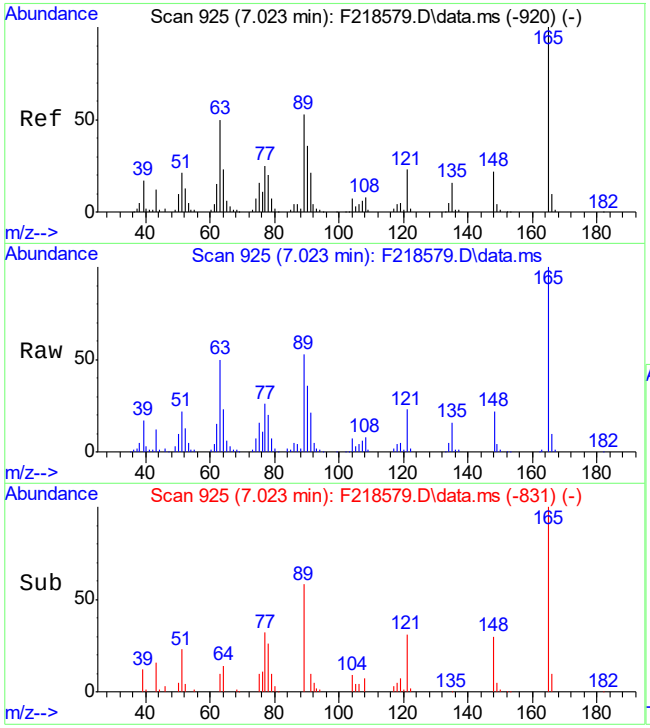


#56
Acenaphthylene
Concen: 50.00 ppm
RT: 7.098 min Scan# 939
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:152 Resp: 273943

Ion	Ratio	Lower	Upper
152	100		
151	20.5	0.0	50.5
153	13.0	0.0	43.0

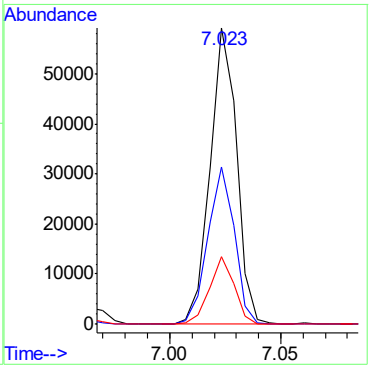


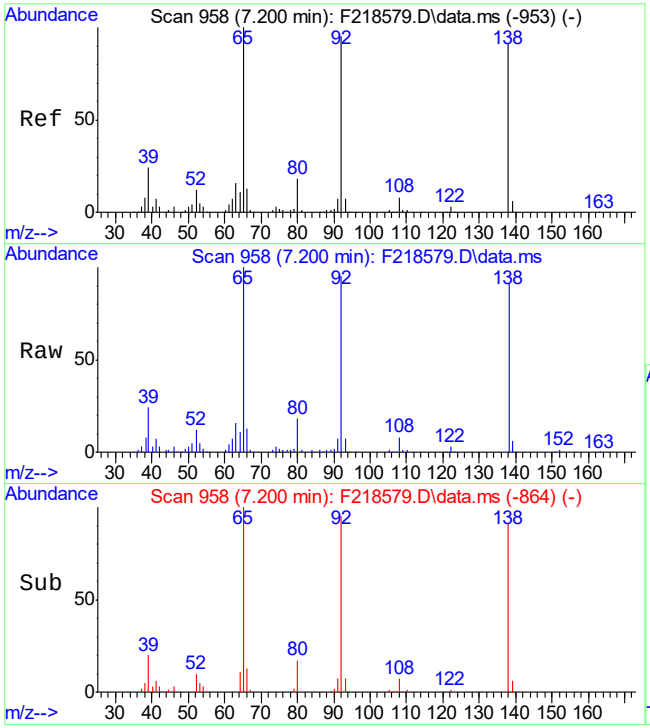


#57
2,6-Dinitrotoluene
Concen: 50.00 ppm
RT: 7.023 min Scan# 925
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:165 Resp: 49424

Ion	Ratio	Lower	Upper
165	100		
89	53.2	23.2	83.2
121	22.8	0.0	52.8

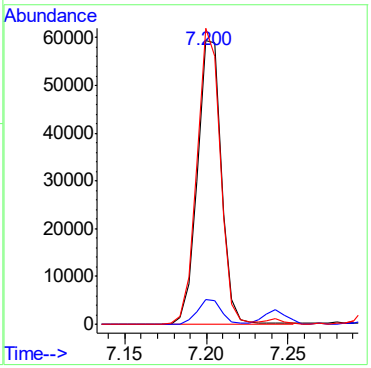


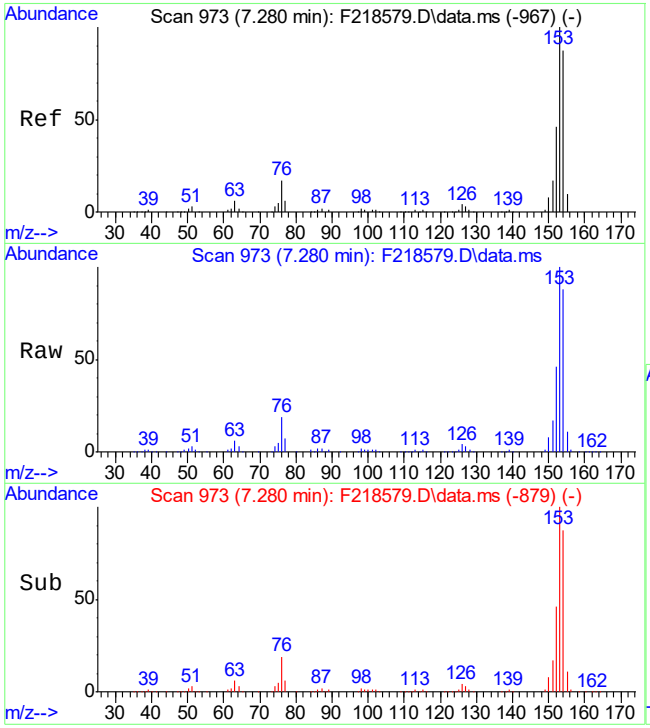


#58
3-Nitroaniline
Concen: 50.00 ppm
RT: 7.200 min Scan# 958
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:138 Resp: 60463

Ion	Ratio	Lower	Upper
138	100		
108	8.0	0.0	38.0
92	104.4	74.4	134.4

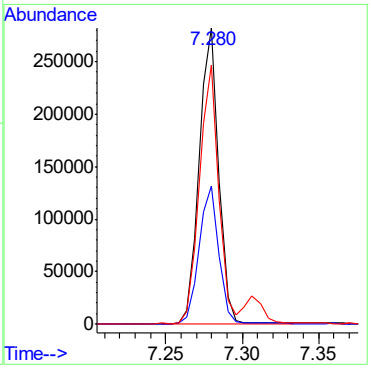


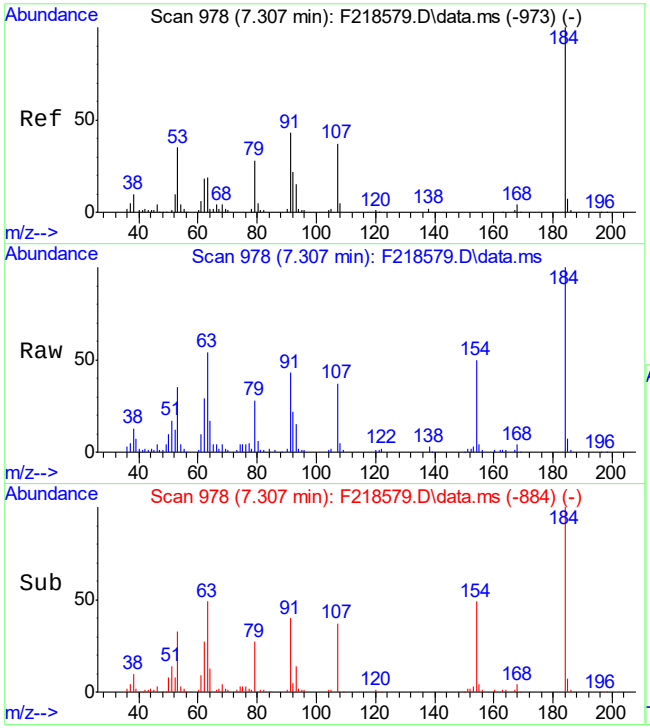


#59
Acenaphthene
Concen: 50.00 ppm
RT: 7.280 min Scan# 973
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:153 Resp: 249537

Ion	Ratio	Lower	Upper
153	100		
152	46.3	16.3	76.3
154	87.4	57.4	117.4

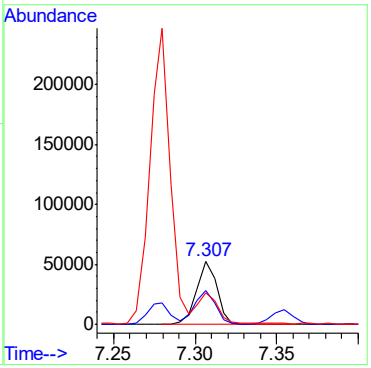


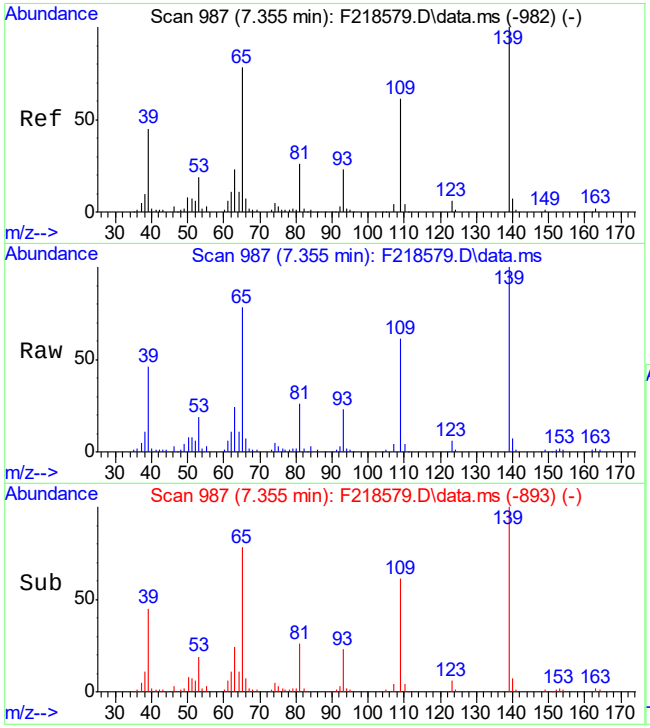


#60
2,4-Dinitrophenol
Concen: 100.00 ppm
RT: 7.307 min Scan# 978
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:184 Resp: 45934

Ion	Ratio	Lower	Upper
184	100		
63	30.0	0.0	60.0
154	0.0	0.0	30.0

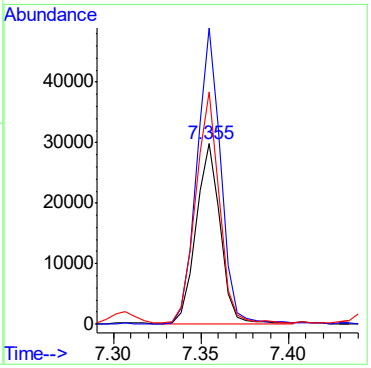


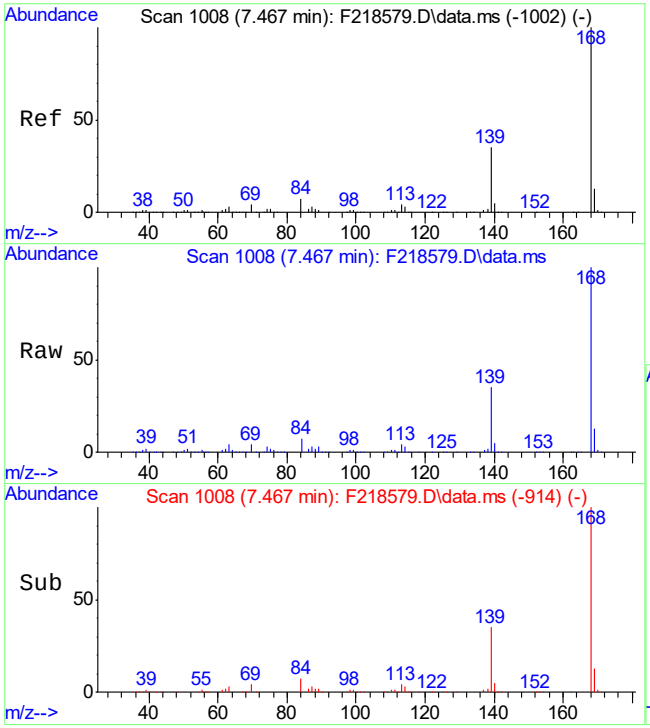


#61
4-Nitrophenol
Concen: 50.00 ppm
RT: 7.355 min Scan# 987
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:109 Resp: 28791

Ion	Ratio	Lower	Upper
109	100		
139	164.4	134.4	194.4
65	128.6	98.6	158.6

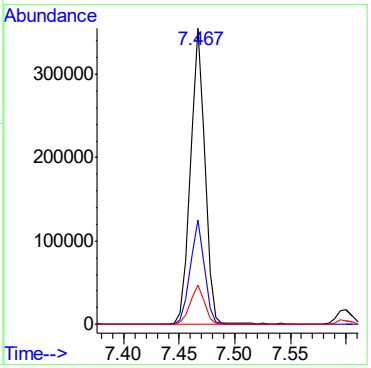


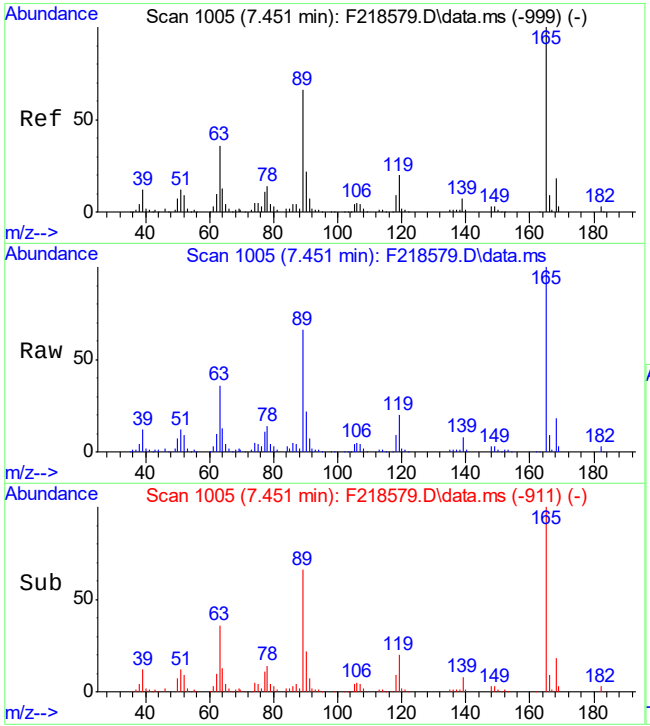


#62
Dibenzofuran
Concen: 50.00 ppm
RT: 7.467 min Scan# 1008
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:168 Resp: 320350

Ion	Ratio	Lower	Upper
168	100		
139	35.2	5.2	65.2
169	13.3	0.0	43.3

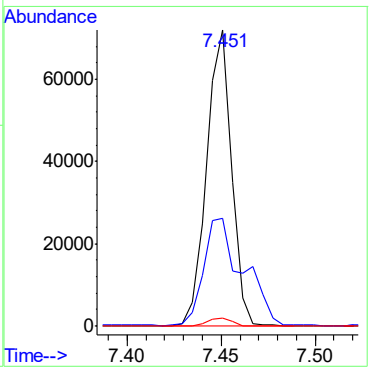


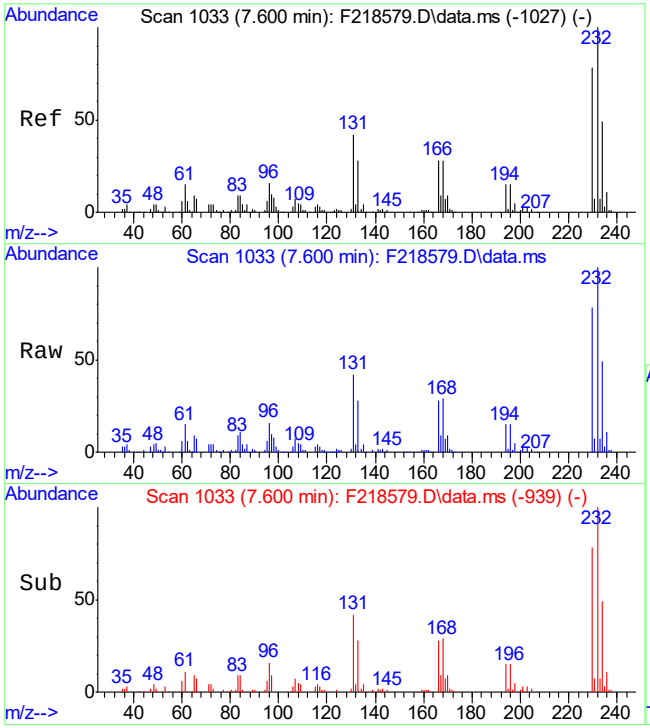


#63
2,4-Dinitrotoluene
Concen: 50.00 ppm
RT: 7.451 min Scan# 1005
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:165 Resp: 65946

Ion	Ratio	Lower	Upper
165	100		
63	36.1	6.1	66.1
182	2.6	0.0	32.6

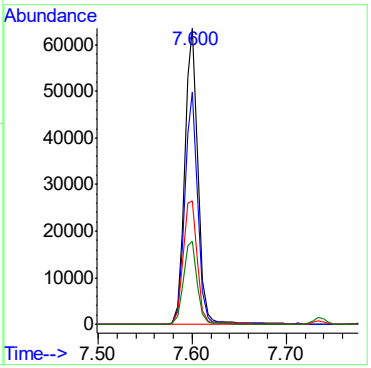


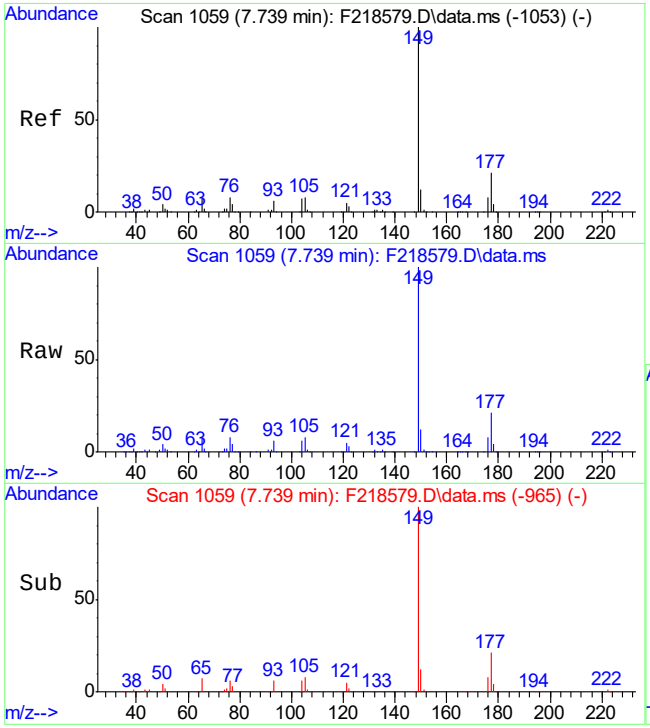


#64
2,3,4,6-Tetrachlorophenol
Concen: 50.00 ppm
RT: 7.600 min Scan# 1033
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:232 Resp: 61529

Ion	Ratio	Lower	Upper
232	100		
230	78.4	48.4	108.4
131	41.7	11.7	71.7
133	27.9	0.0	57.9

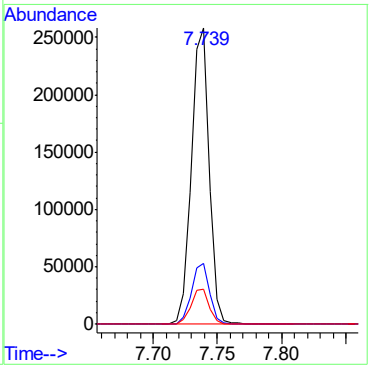


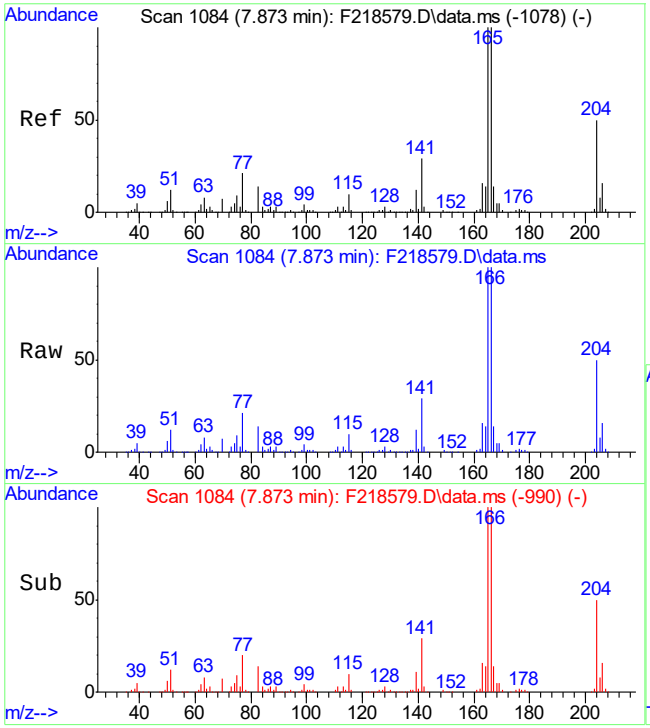


#65
Diethylphthalate
Concen: 50.00 ppm
RT: 7.739 min Scan# 1059
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:149 Resp: 252063

Ion	Ratio	Lower	Upper
149	100		
177	20.6	0.0	50.6
150	12.0	0.0	42.0

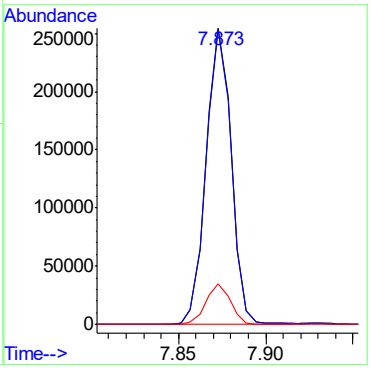


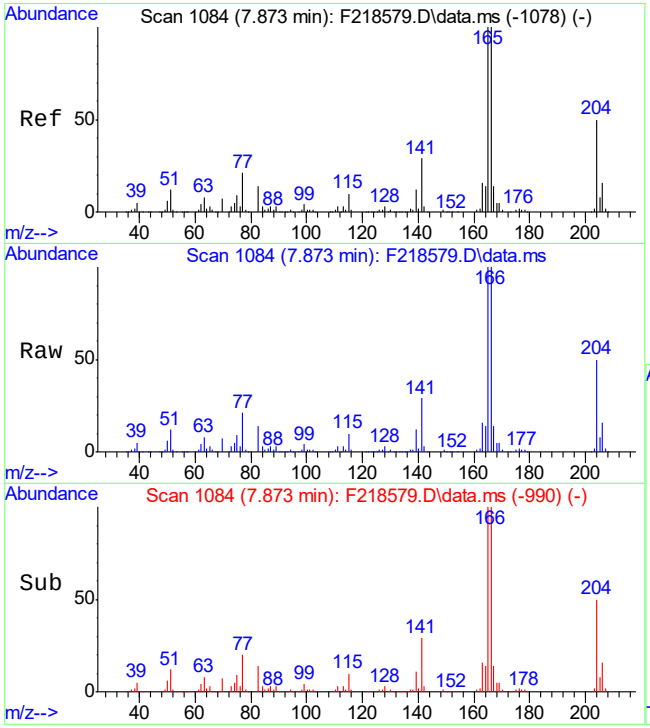


#66
Fluorene
Concen: 50.00 ppm
RT: 7.873 min Scan# 1084
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:166 Resp: 254231

Ion	Ratio	Lower	Upper
166	100		
165	99.8	69.8	129.8
167	13.7	0.0	43.7

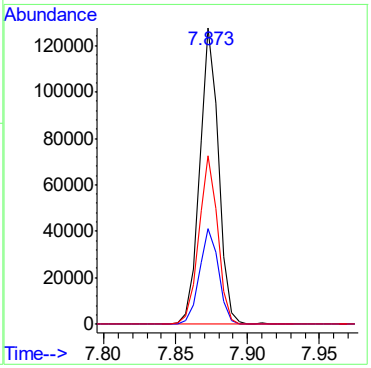


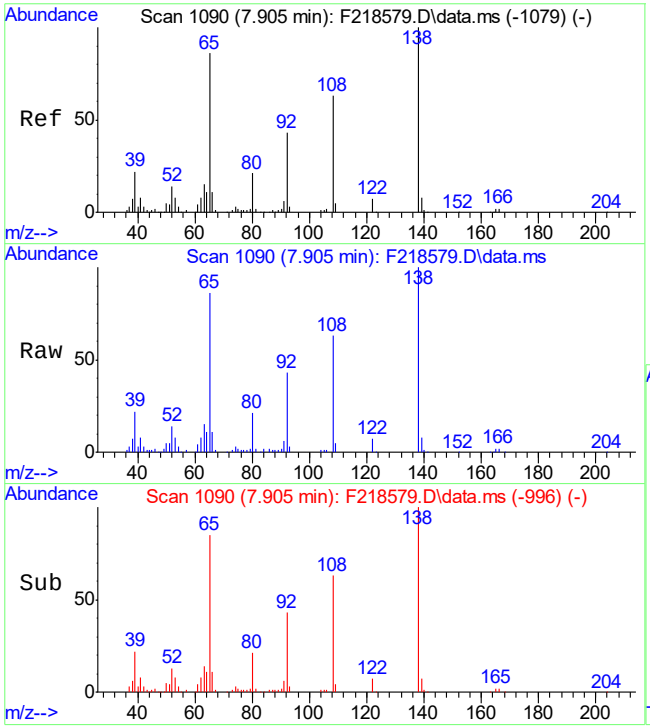


#67
4-Chlorophenyl-phenylether
Concen: 50.00 ppm
RT: 7.873 min Scan# 1084
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:204 Resp: 117508

Ion	Ratio	Lower	Upper
204	100		
206	32.1	2.1	62.1
141	56.8	26.8	86.8

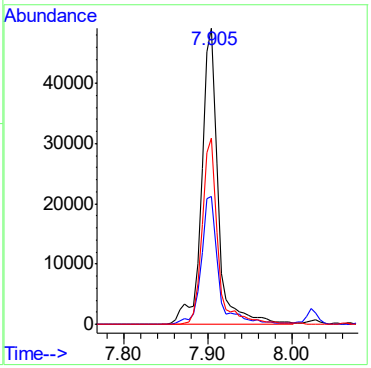


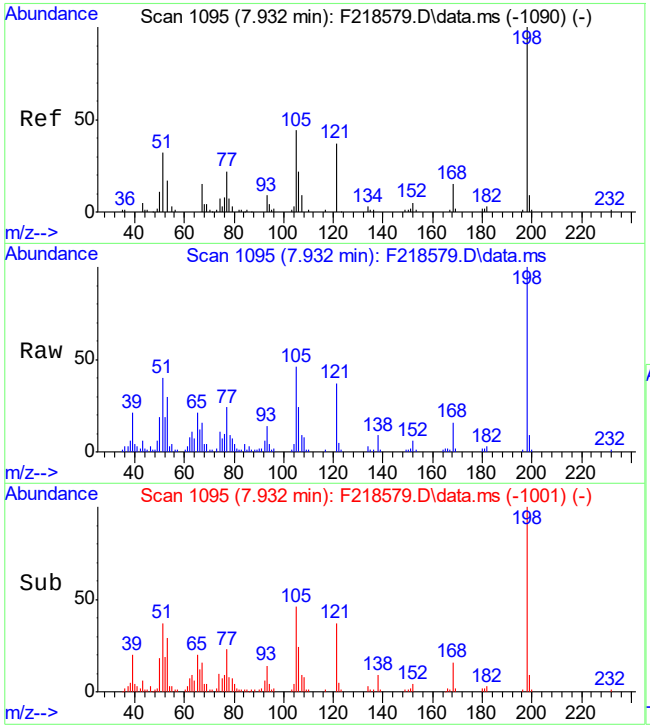


#68
4-Nitroaniline
Concen: 50.00 ppm
RT: 7.905 min Scan# 1090
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:138 Resp: 64153

Ion	Ratio	Lower	Upper
138	100		
92	43.3	13.3	73.3
108	62.8	32.8	92.8

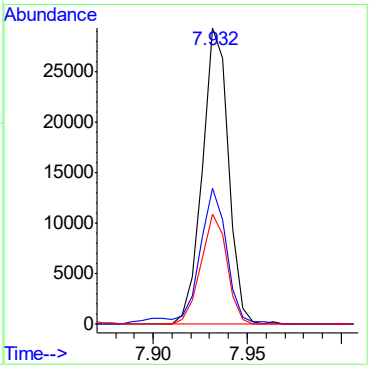


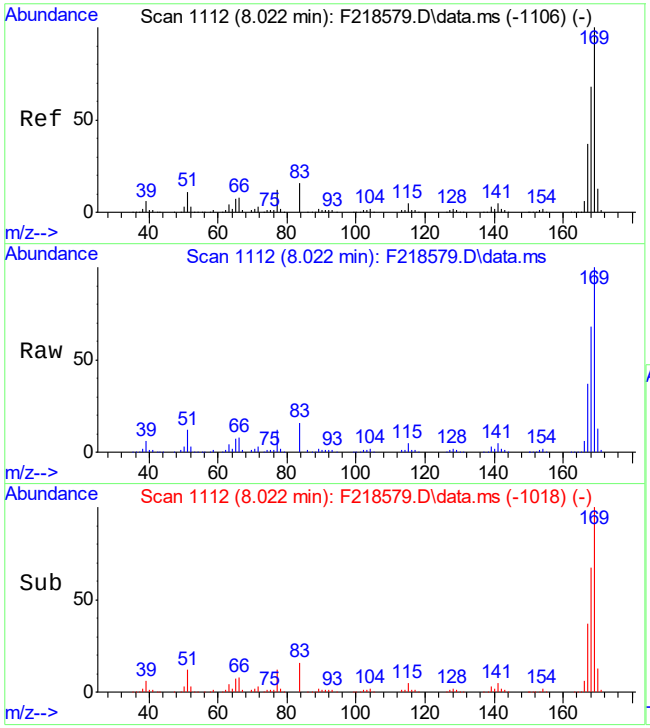


#70
4,6-Dinitro-2-methylphenol
Concen: 50.00 ppm
RT: 7.932 min Scan# 1095
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:198 Resp: 28234

Ion	Ratio	Lower	Upper
198	100		
105	44.8	14.8	74.8
121	37.1	7.1	67.1

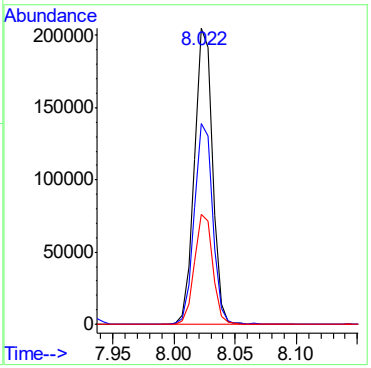


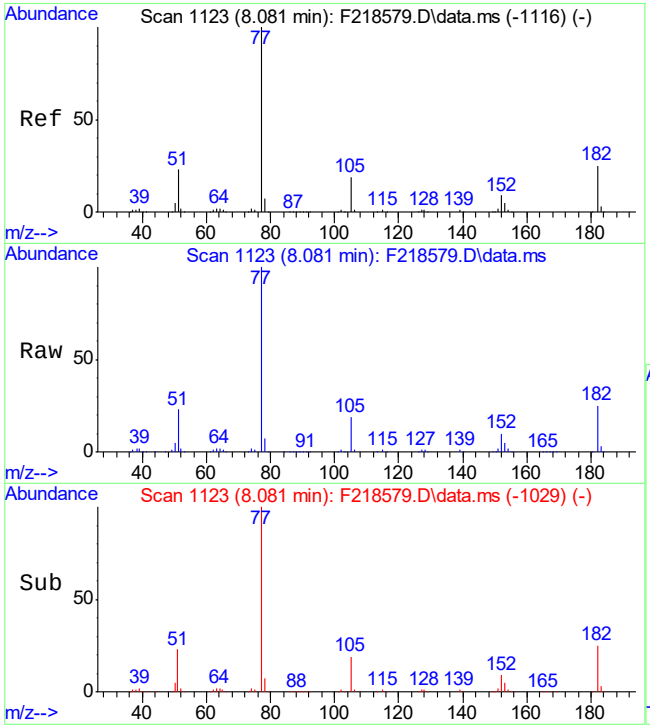


#71
n-Nitrosodiphenylamine
Concen: 50.00 ppm
RT: 8.022 min Scan# 1112
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:169 Resp: 209358

Ion	Ratio	Lower	Upper
169	100		
168	67.7	37.7	97.7
167	37.1	7.1	67.1

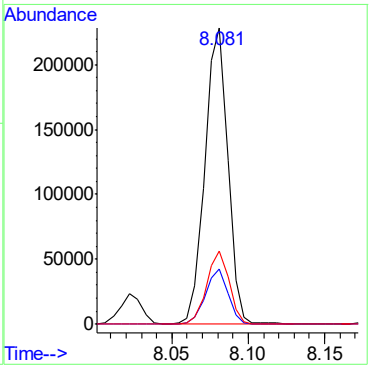


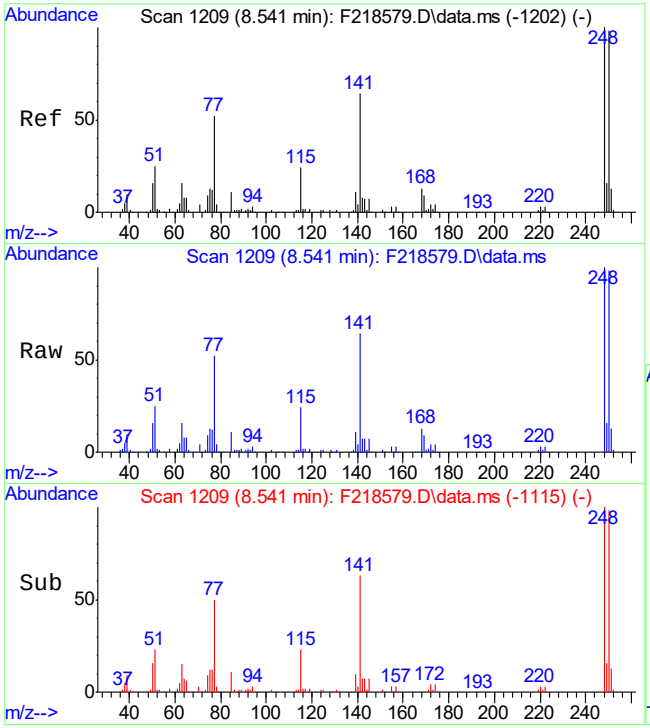


#72
1,2-Diphenylhydrazine
Concen: 50.00 ppm
RT: 8.081 min Scan# 1123
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 77 Resp: 236487

Ion	Ratio	Lower	Upper
77	100		
105	18.6	0.0	48.6
182	24.6	0.0	54.6

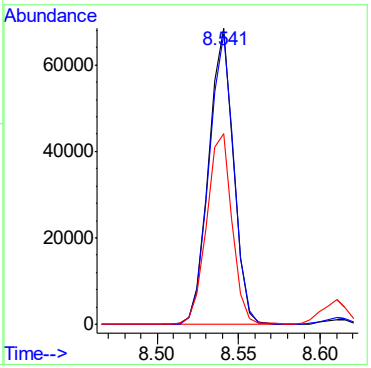


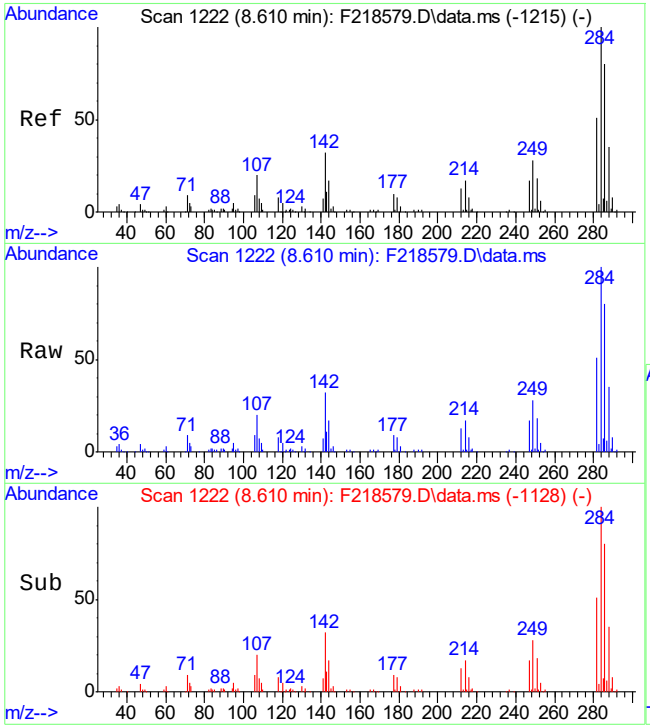


#74
4-Bromophenyl-phenylether
Concen: 50.00 ppm
RT: 8.541 min Scan# 1209
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:248 Resp: 72613

Ion	Ratio	Lower	Upper
248	100		
250	98.3	68.3	128.3
141	64.4	34.4	94.4

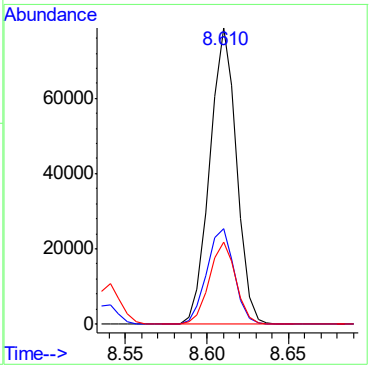


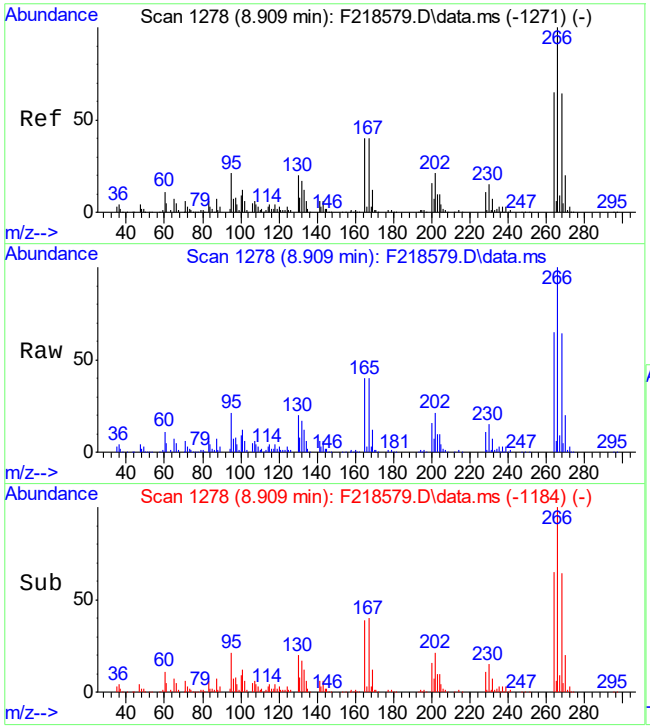


#75
Hexachlorobenzene
Concen: 50.00 ppm
RT: 8.610 min Scan# 1222
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:284 Resp: 89910

Ion	Ratio	Lower	Upper
284	100		
142	32.4	2.4	62.4
249	27.7	0.0	57.7

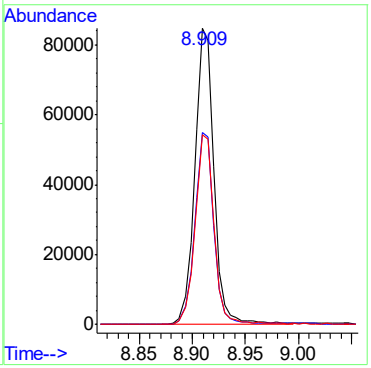


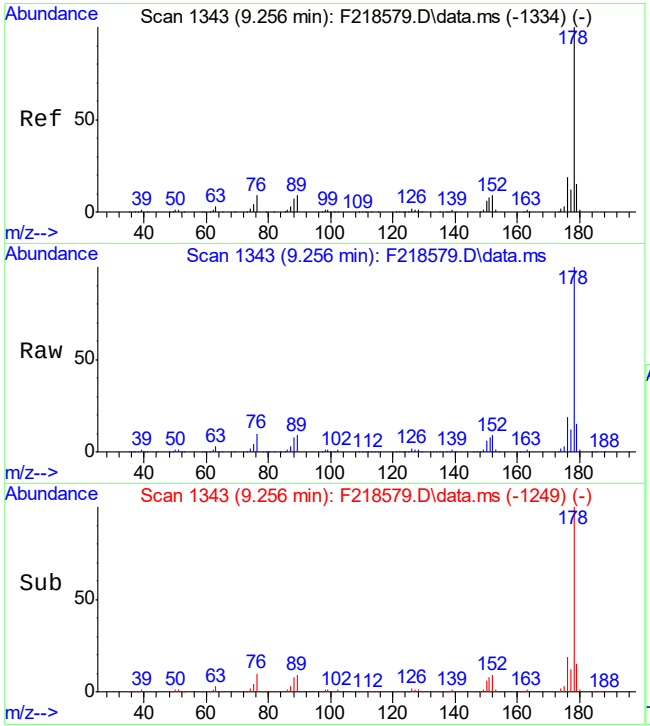


#76
Pentachlorophenol
Concen: 100.00 ppm
RT: 8.909 min Scan# 1278
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:266 Resp: 106433

Ion	Ratio	Lower	Upper
266	100		
264	64.7	34.7	94.7
268	63.8	33.8	93.8

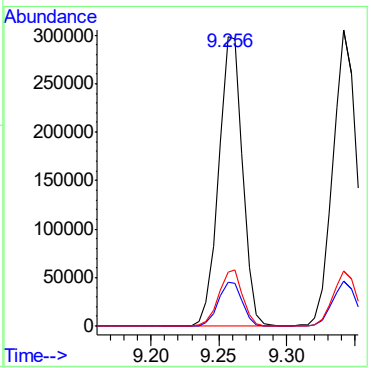


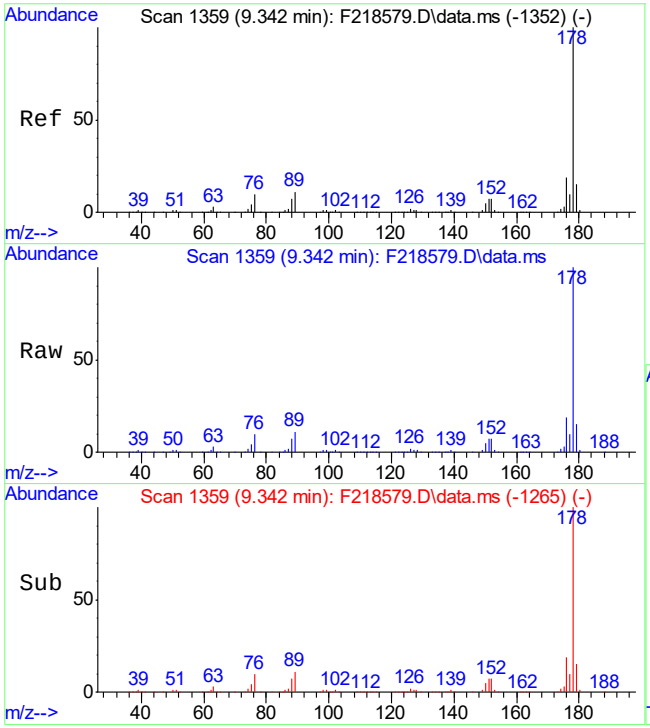


#77
Phenanthrene
Concen: 50.00 ppm
RT: 9.256 min Scan# 1343
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:178 Resp: 369387

Ion	Ratio	Lower	Upper
178	100		
179	15.2	0.0	45.2
176	18.7	0.0	48.7

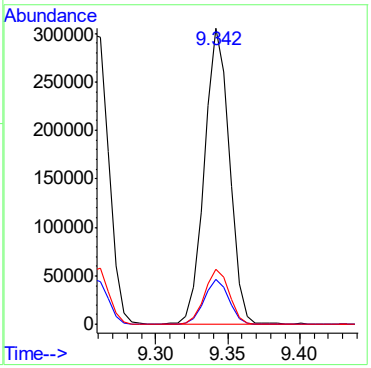


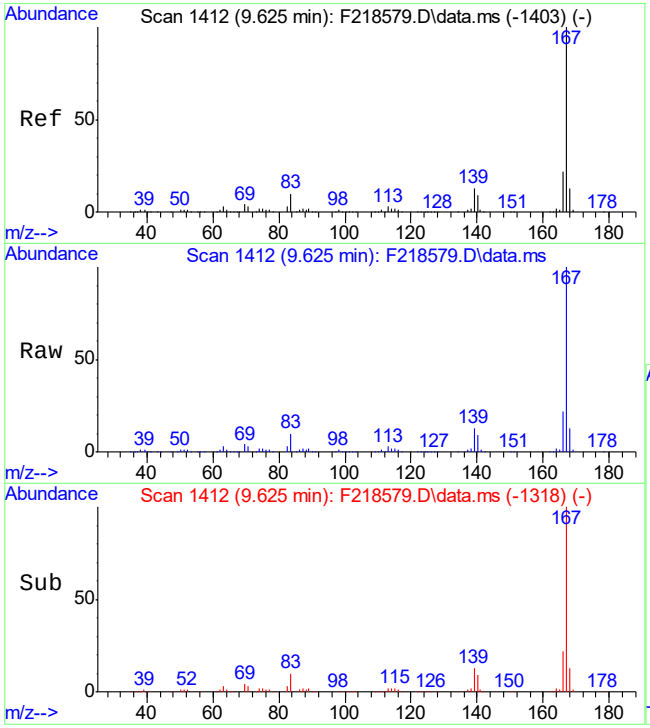


#78
Anthracene
Concen: 50.00 ppm
RT: 9.342 min Scan# 1359
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:178 Resp: 369986

Ion	Ratio	Lower	Upper
178	100		
179	15.2	0.0	45.2
176	18.6	0.0	48.6

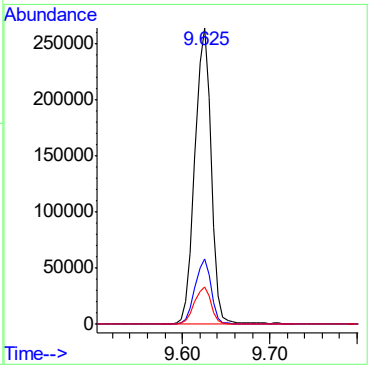


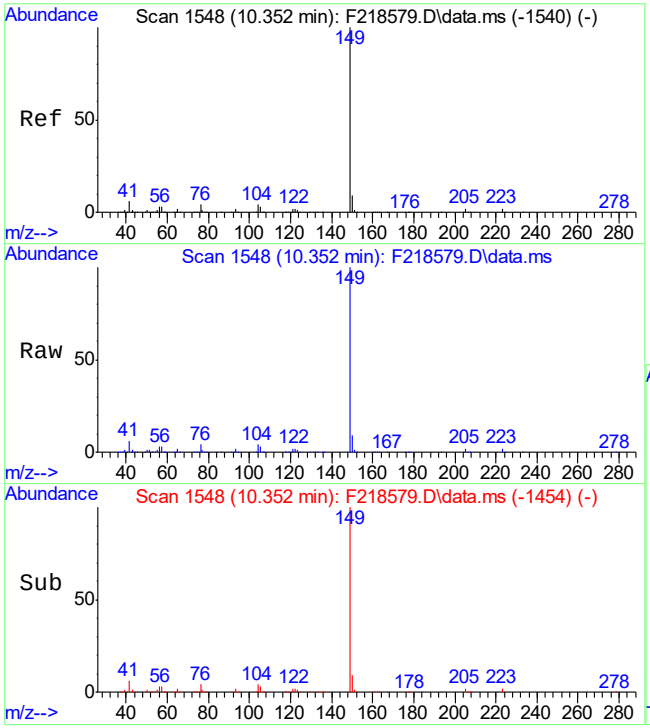


#79
Carbazole
Concen: 50.00 ppm
RT: 9.625 min Scan# 1412
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:167 Resp: 341645

Ion	Ratio	Lower	Upper
167	100		
166	22.1	0.0	52.1
139	12.7	0.0	42.7

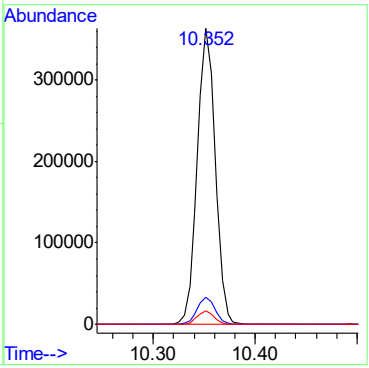


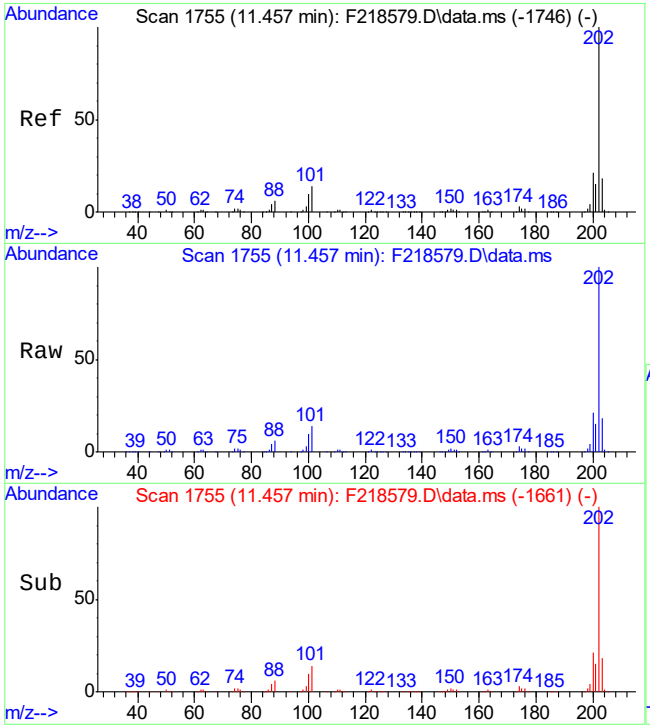


#80
Di-n-butylphthalate
Concen: 50.00 ppm
RT: 10.352 min Scan# 1548
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:149 Resp: 442072

Ion	Ratio	Lower	Upper
149	100		
150	9.1	0.0	39.1
104	4.5	0.0	34.5

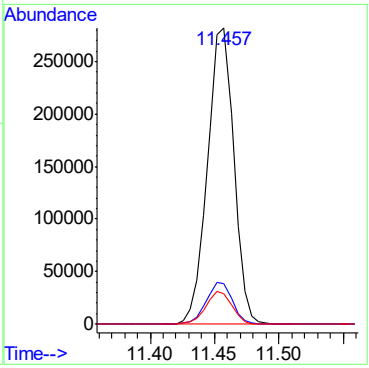


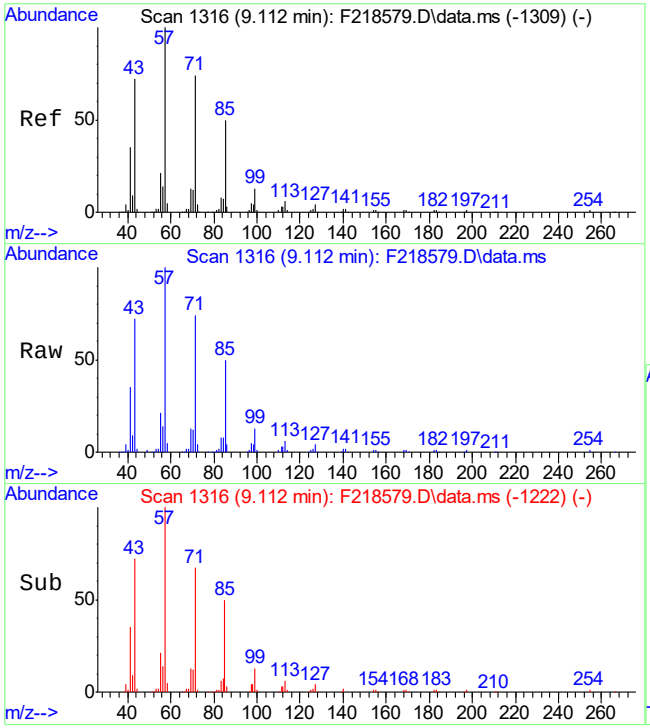


#81
Fluoranthene
Concen: 50.00 ppm
RT: 11.457 min Scan# 1755
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:202 Resp: 398968

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	43.8
100	10.4	0.0	40.4

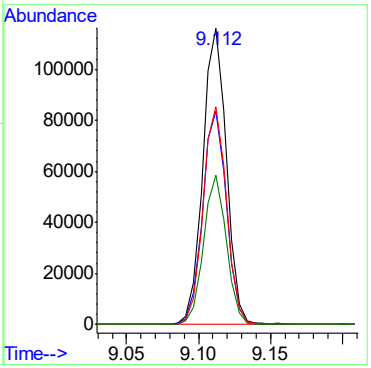


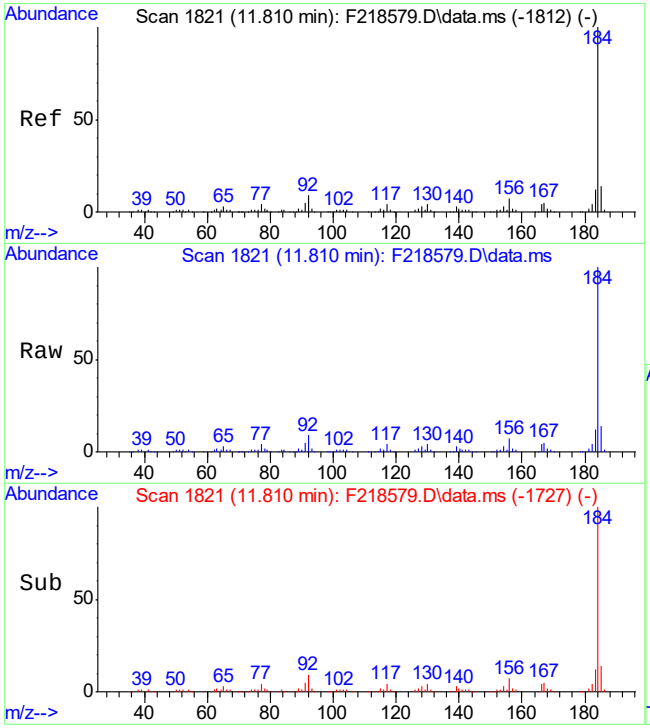


#82
Octadecane
Concen: 50.00 ppm
RT: 9.112 min Scan# 1316
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion: 57 Resp: 132598

Ion	Ratio	Lower	Upper
57	100		
43	72.0	42.0	102.0
71	73.7	43.7	103.7
85	50.3	20.3	80.3

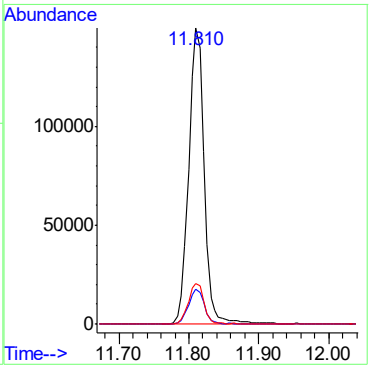


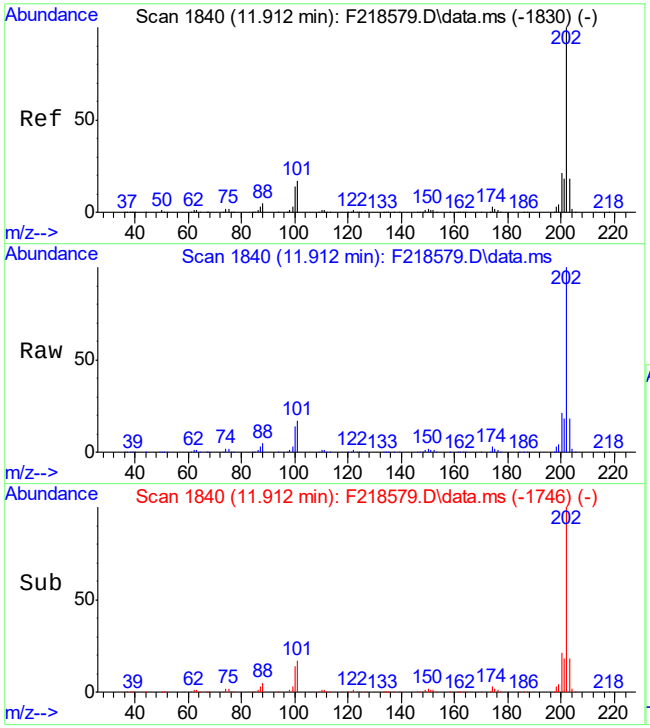


#84
Benzidine
Concen: 50.00 ppm
RT: 11.810 min Scan# 1821
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:184 Resp: 231093

Ion	Ratio	Lower	Upper
184	100		
183	11.9	0.0	61.9
185	13.7	0.0	63.7

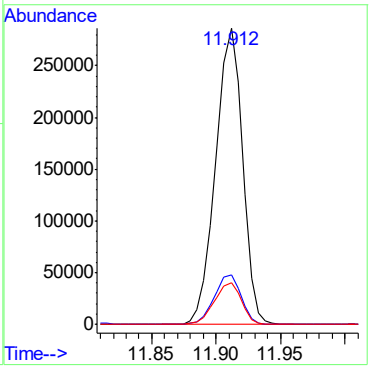


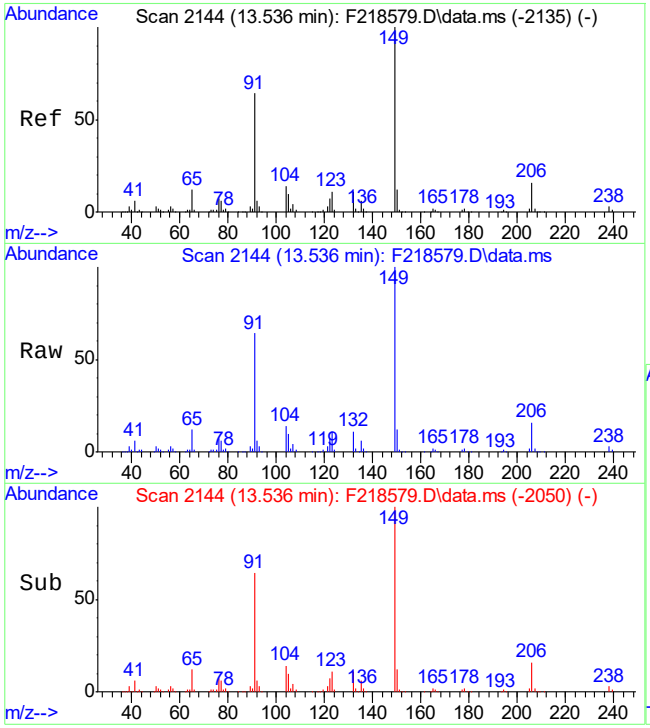


#85
Pyrene
Concen: 50.00 ppm
RT: 11.912 min Scan# 1840
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:202 Resp: 413192

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	46.8
100	14.1	0.0	44.1

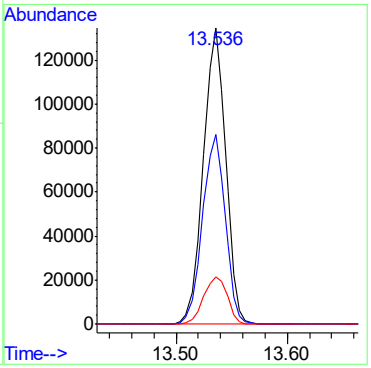


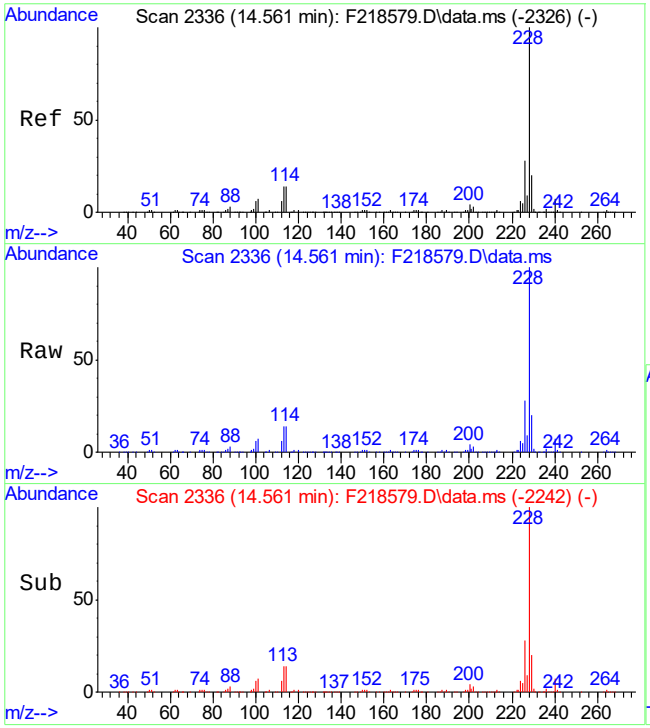


#87
Butylbenzylphthalate
Concen: 50.00 ppm
RT: 13.536 min Scan# 2144
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:149 Resp: 187666

Ion	Ratio	Lower	Upper
149	100		
91	64.1	34.1	94.1
206	16.0	0.0	46.0

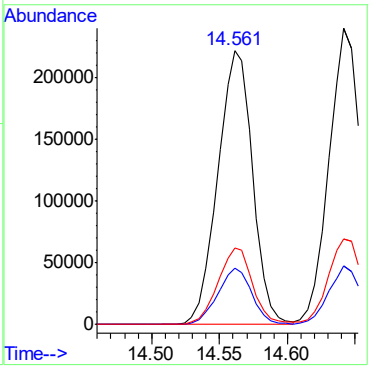


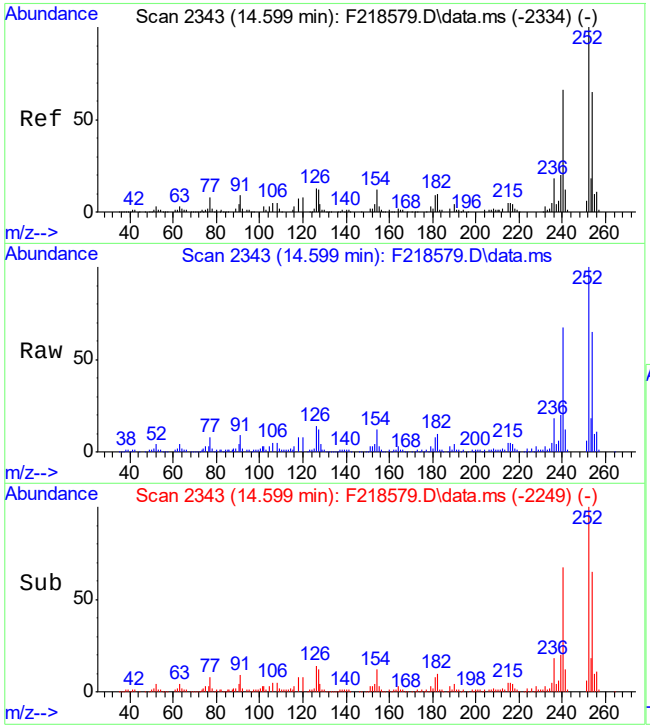


#88
Benzo[a]anthracene
Concen: 50.00 ppm
RT: 14.561 min Scan# 2336
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:228 Resp: 396872

Ion	Ratio	Lower	Upper
228	100		
229	20.4	0.0	50.4
226	27.6	0.0	57.6

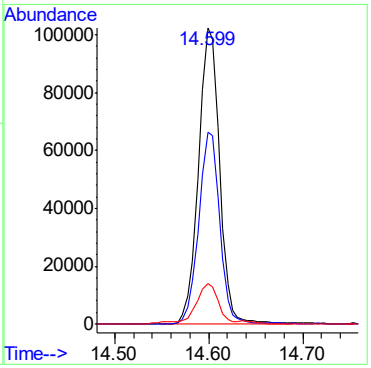


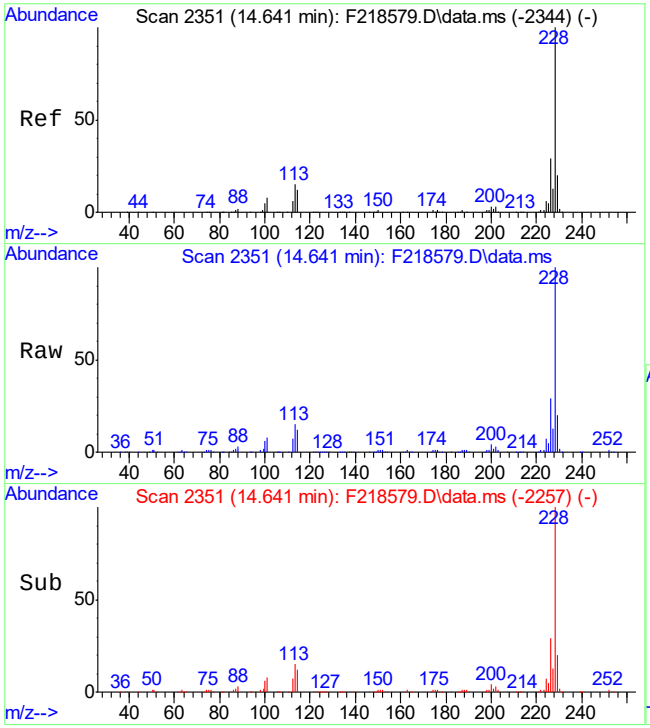


#89
3,3'-Dichlorobenzidine
Concen: 50.00 ppm
RT: 14.599 min Scan# 2343
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:252 Resp: 159408

Ion	Ratio	Lower	Upper
252	100		
254	64.6	34.6	94.6
126	13.3	0.0	43.3

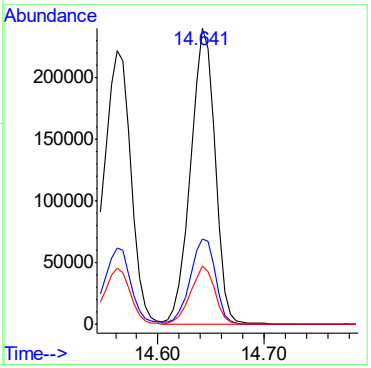


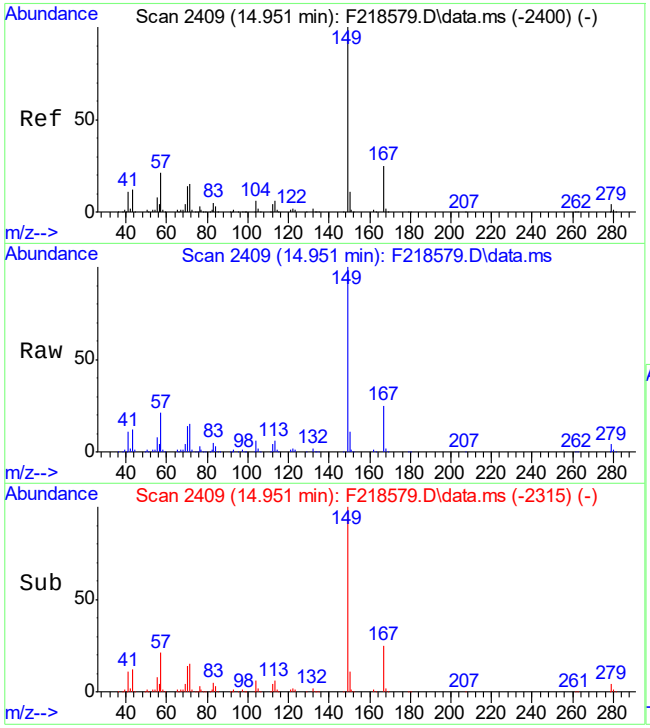


#90
Chrysene
Concen: 50.00 ppm
RT: 14.641 min Scan# 2351
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:228 Resp: 386196

Ion	Ratio	Lower	Upper
228	100		
226	28.8	0.0	58.8
229	19.7	0.0	49.7

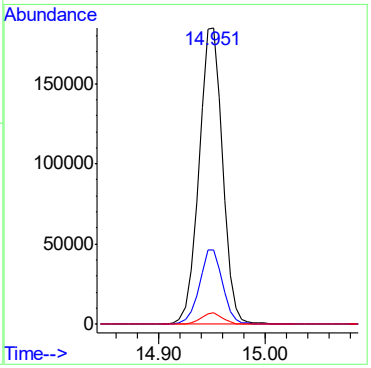


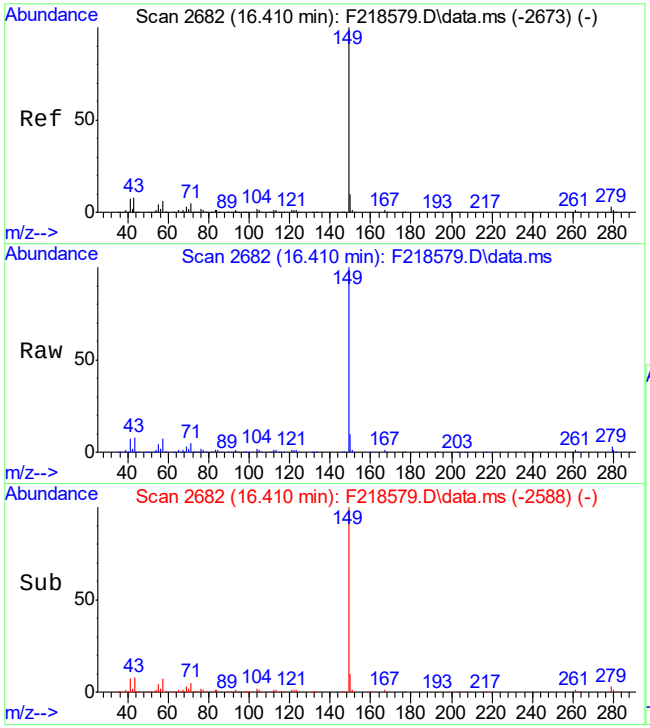


#91
bis(2-Ethylhexyl)phthalate
Concen: 50.00 ppm
RT: 14.951 min Scan# 2409
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:149 Resp: 286023

Ion	Ratio	Lower	Upper
149	100		
167	25.1	0.0	55.1
279	3.8	0.0	33.8

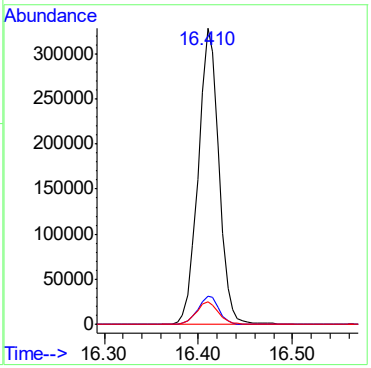


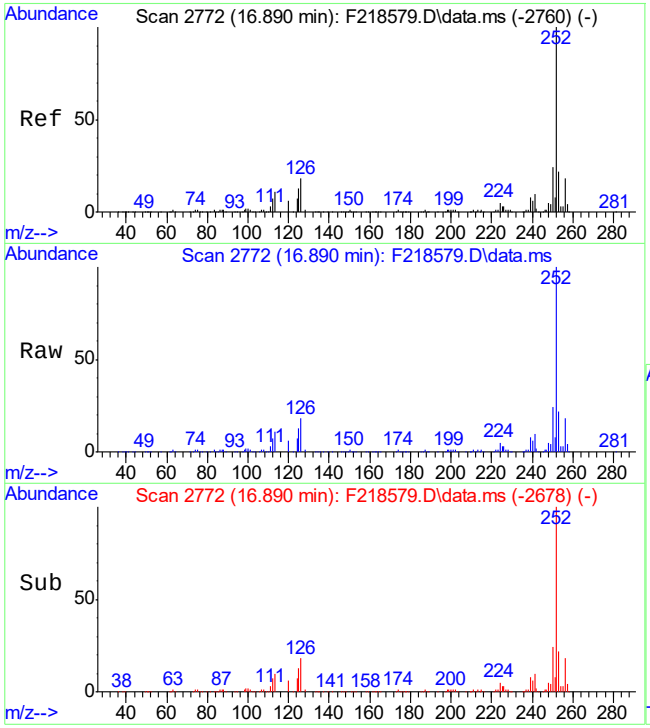


#93
Di-n-octylphthalate
Concen: 50.00 ppm
RT: 16.410 min Scan# 2682
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:149 Resp: 499328

Ion	Ratio	Lower	Upper
149	100		
150	9.5	0.0	39.5
43	7.6	0.0	37.6

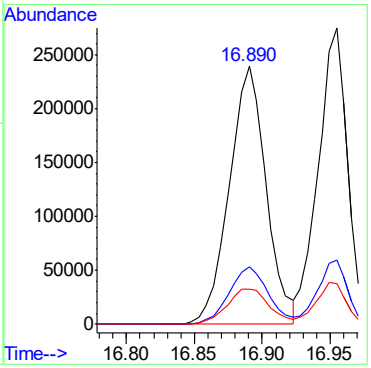


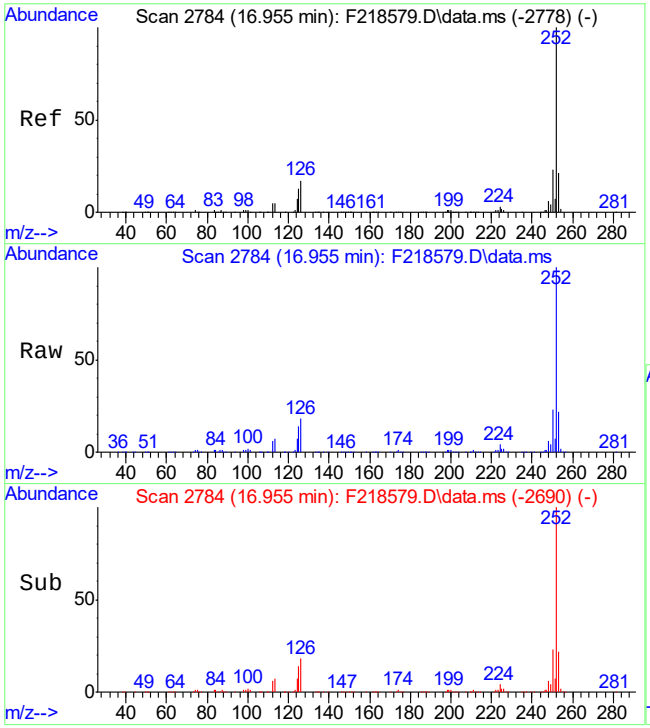


#94
Benzo[b]fluoranthene
Concen: 50.00 ppm
RT: 16.890 min Scan# 2772
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:252 Resp: 452668

Ion	Ratio	Lower	Upper
252	100		
253	21.6	0.0	51.6
125	13.1	0.0	43.1

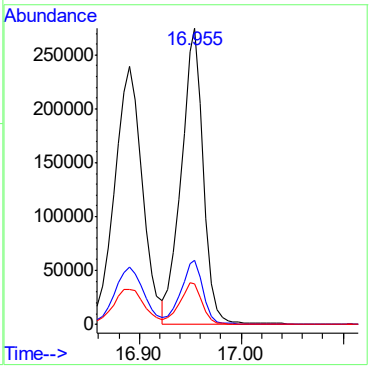


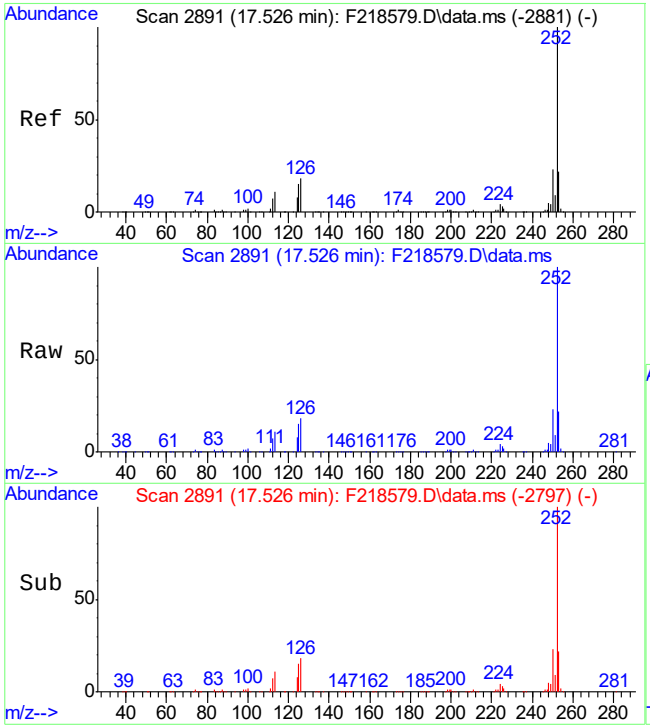


#95
Benzo[k]fluoranthene
Concen: 50.00 ppm
RT: 16.955 min Scan# 2784
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:252 Resp: 415074

Ion	Ratio	Lower	Upper
252	100		
253	21.4	0.0	51.4
125	13.5	0.0	43.5

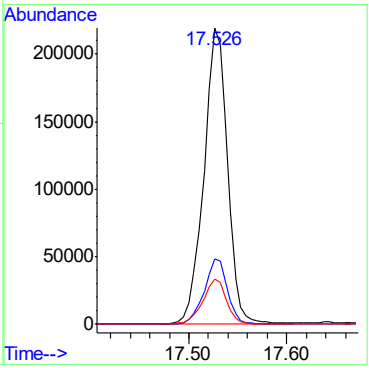


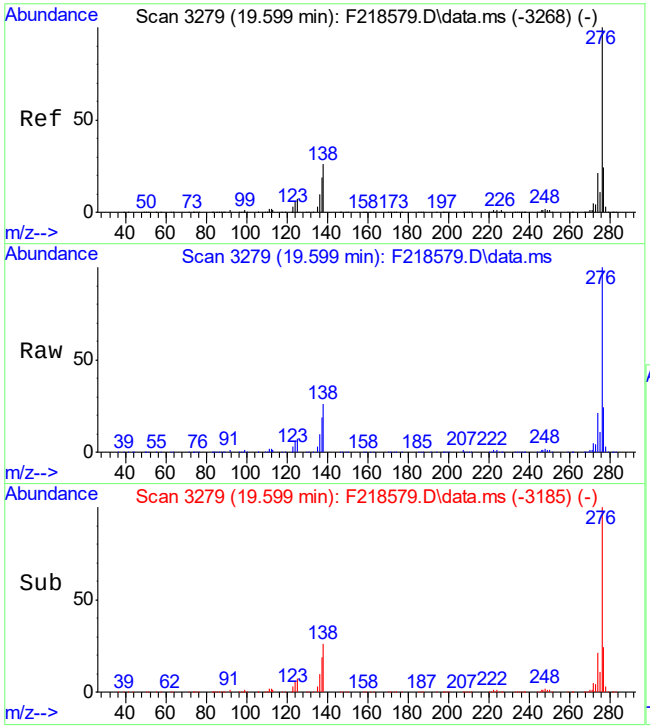


#96
Benzo[a]pyrene
Concen: 50.00 ppm
RT: 17.526 min Scan# 2891
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:252 Resp: 367185

Ion	Ratio	Lower	Upper
252	100		
253	21.8	0.0	51.8
125	15.1	0.0	45.1

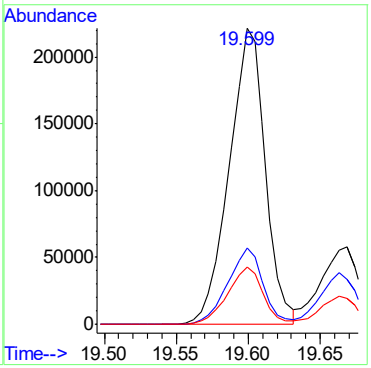


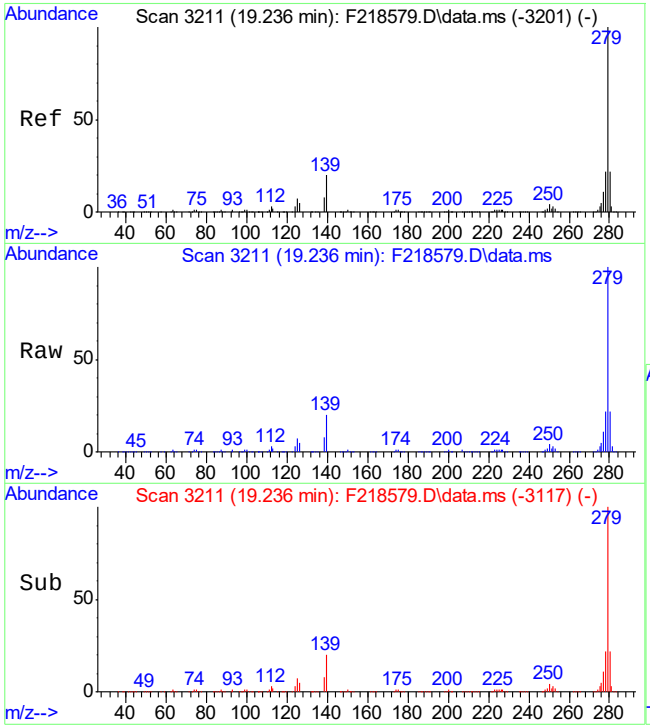


#97
Indeno[1,2,3-cd]pyrene
Concen: 50.00 ppm
RT: 19.599 min Scan# 3279
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:276 Resp: 385657

Ion	Ratio	Lower	Upper
276	100		
138	25.9	0.0	55.9
137	19.3	0.0	49.3

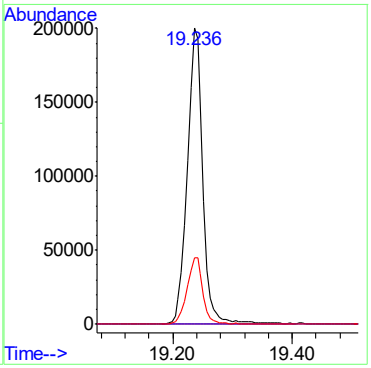


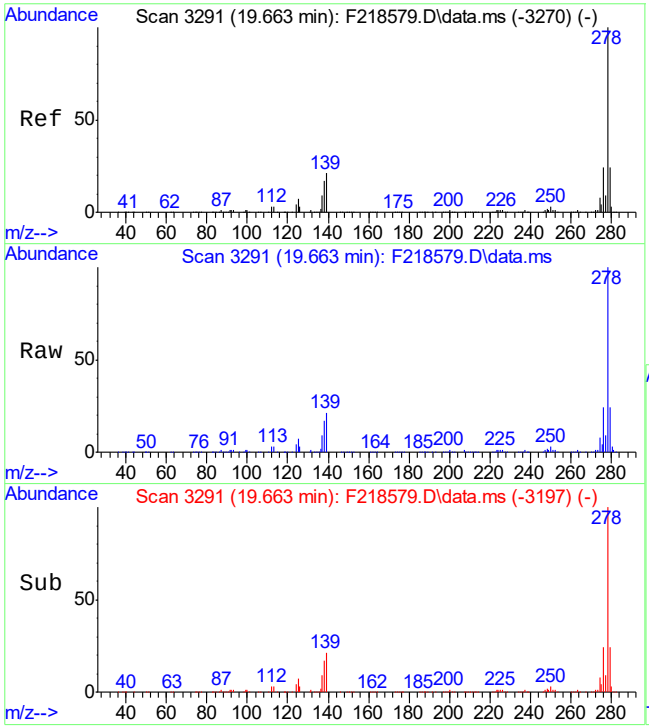


#98
Dibenz(a,h)acridine
Concen: 50.00 ppm
RT: 19.236 min Scan# 3211
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:279 Resp: 361688

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.5	0.0	52.5

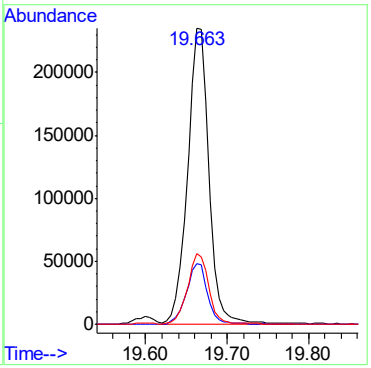


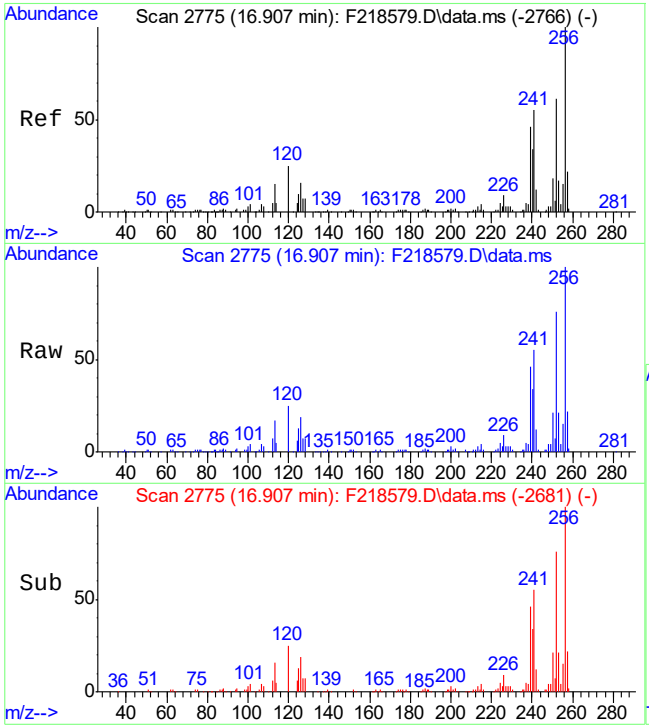


#99
Dibenz[a,h]anthracene
Concen: 48.35 ppm
RT: 19.663 min Scan# 3291
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:278 Resp: 430916

Ion	Ratio	Lower	Upper
278	100		
139	20.7	0.0	50.6
279	23.9	0.0	53.9

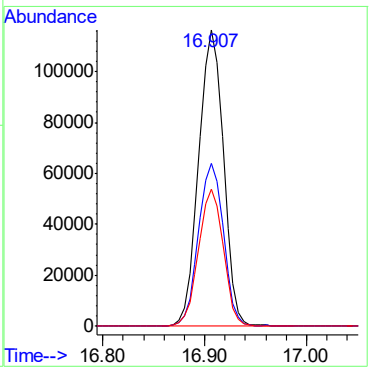


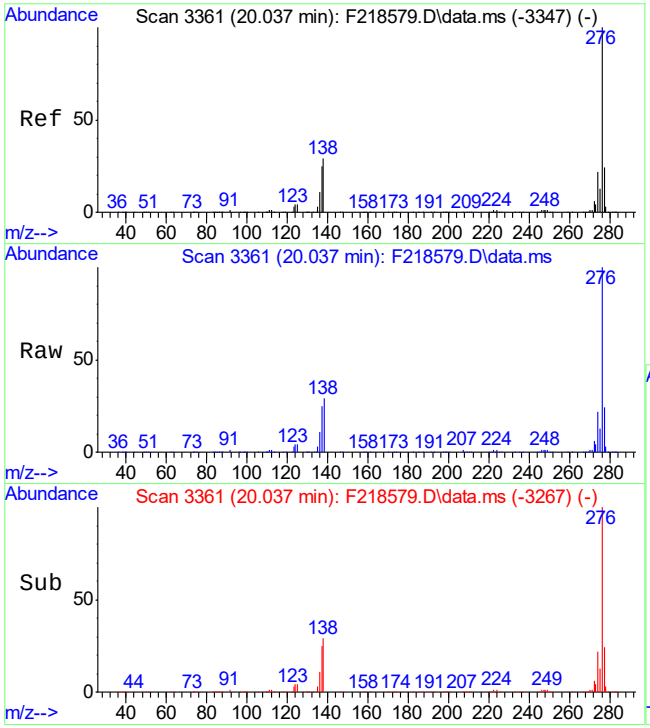


#100
7,12-Dimethylbenz(a)anthracene
Concen: 50.00 ppm
RT: 16.907 min Scan# 2775
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:256 Resp: 195378

Ion	Ratio	Lower	Upper
256	100		
241	54.8	24.8	84.8
239	46.4	16.4	76.4

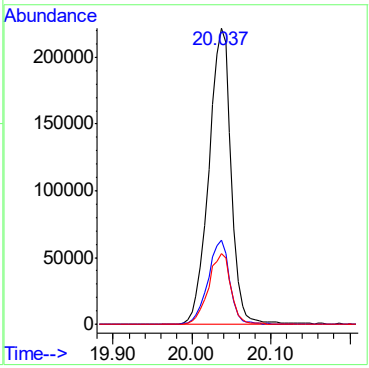




#101
Benzo[g,h,i]perylene
Concen: 49.59 ppm
RT: 20.037 min Scan# 3361
Delta R.T. 0.000 min
Lab File: F218579.D
Acq: 24 Jan 2024 11:46 am

Tgt Ion:276 Resp: 435278

Ion	Ratio	Lower	Upper
276	100		
138	28.6	0.0	58.6
277	23.9	0.0	53.9



Manual Integration Approval Summary

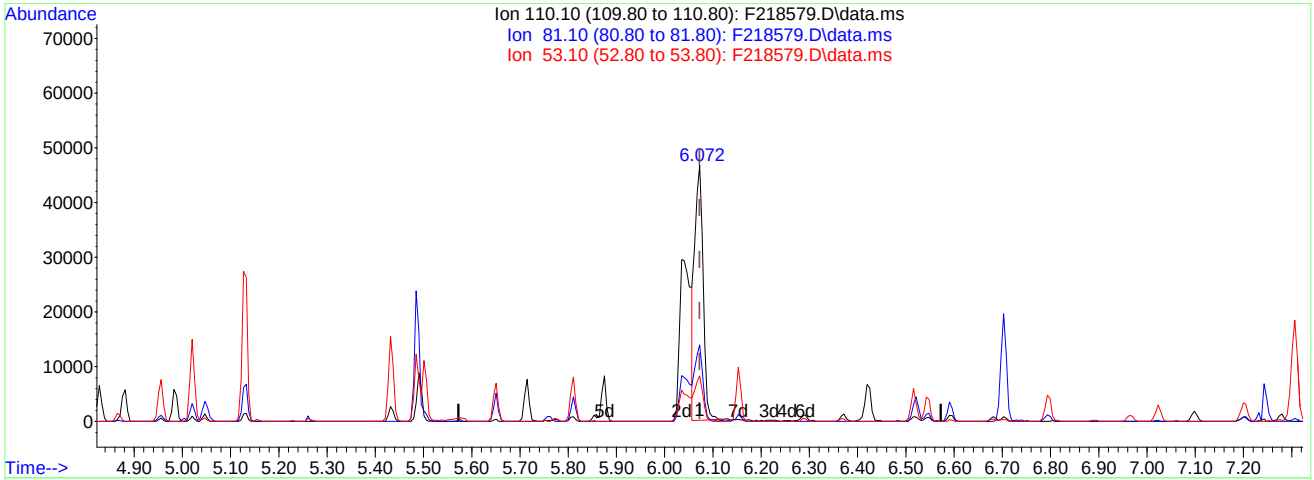
Sample Number: EF9690-ICC9690
Lab FileID: F218579.D
Injection Time: 01/24/24 11:46
Method: SW846 8270E
Analyst approved: 01/25/24 11:22 Ying Li
Supervisor approved: 01/29/24 19:23 Nina Pandya

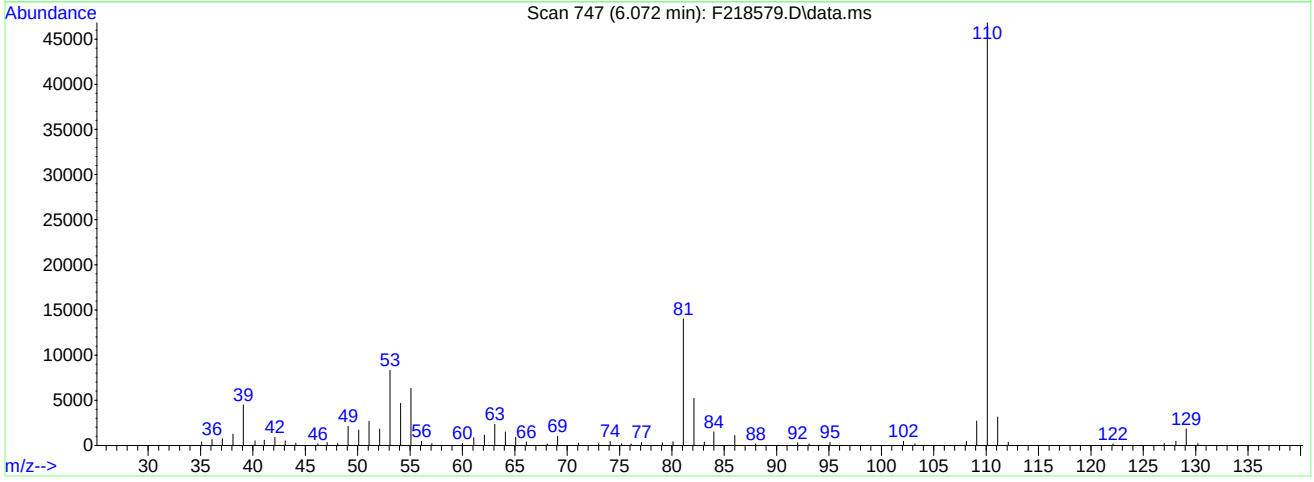
Parameter	CAS	Sig#	R.T. (min.)	Reason
Hydroquinone	123-31-9		6.07	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218579.D
Acq On : 24 Jan 2024 11:46 am
Operator : ninap
Sample : icc9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 09:52:48 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration





TIC: F218579.D\data.ms

(41) Hydroquinone (t)

6.072min (0.000) 26.57ppm

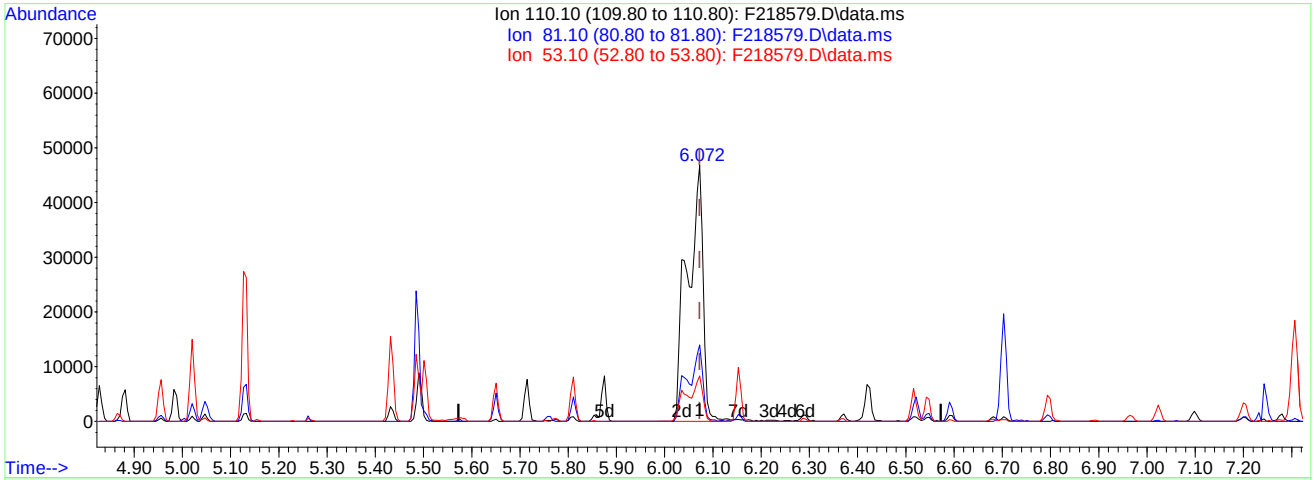
response 55655

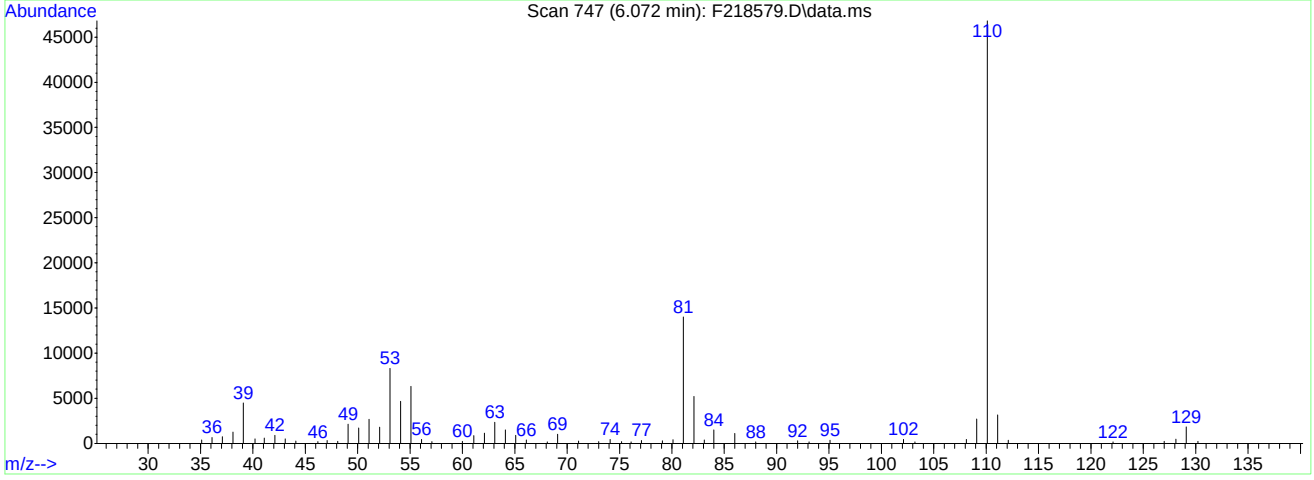
Ion	Exp%	Act%
110.10	100	100
81.10	29.90	30.90
53.10	17.70	17.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218579.D
Acq On : 24 Jan 2024 11:46 am
Operator : ninap
Sample : icc9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 09:52:48 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration





TIC: F218579.D\data.ms

(41) Hydroquinone (t)

6.072min (0.000) 50.36ppm m

response 105488

Ion	Exp%	Act%
110.10	100	100
81.10	29.90	29.90
53.10	17.70	17.74
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218580.D
Acq On : 24 Jan 2024 12:11 pm
Operator : ninap
Sample : ic9690-1
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 25 09:59:25 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	83479	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	324815	40.00	ppm	0.00
46) Acenaphthene-d10	7.242	164	172596	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	313301	40.00	ppm	0.00
83) Chrysene-d12	14.577	240	272247	40.00	ppm	-0.01
92) Perylene-d12	17.638	264	322688	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	83479	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	324815	40.00	ppm	0.00
121) Acenaphthene-d10A	7.242	164	172596	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	313301	40.00	ppm	0.00
147) Chrysene-d12A	14.577	240	272247	40.00	ppm	-0.01
154) Perylene-d12A	17.638	264	322688	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	83479	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	313301	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	324815	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	324815	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	83479	40.00	ppm	0.00
169) Chrysene-d12c	14.577	240	272247	40.00	ppm	-0.01
171) Chrysene-d12d	14.577	240	272247	40.00	ppm	-0.01
173) Naphthalene-d8d	5.757	136	324815	40.00	ppm	0.00
175) Chrysene-d12e	14.577	240	272247	40.00	ppm	-0.01
177) Perylene-d12b	17.638	264	322688	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	324815	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.957	112	2209	0.98	ppm	0.00
Spiked Amount 50.000			Recovery =	1.96%		
8) Phenol-d5	4.587	99	2741	1.03	ppm	0.00
Spiked Amount 50.000			Recovery =	2.06%		
25) Nitrobenzene-d5	5.250	82	2303	0.98	ppm	0.00
Spiked Amount 50.000			Recovery =	1.96%		
51) 2-Fluorobiphenyl	6.591	172	5738	1.05	ppm	0.00
Spiked Amount 50.000			Recovery =	2.10%		
73) 2,4,6-Tribromophenol	8.172	330	853	0.91	ppm	-0.01
Spiked Amount 50.000			Recovery =	1.82%		
86) Terphenyl-d14	12.339	244	6529	1.02	ppm	-0.01
Spiked Amount 50.000			Recovery =	2.04%		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.835	88	1062	1.13	ppm	91
3) Pyridine	3.081	79	2228	0.85	ppm	81
4) N-Nitrosodimethylamine	3.054	42	1522	1.90	ppm #	52
6) Indene	5.047	116	3931	0.96	ppm	97
7) Cumene	4.320	105	5489	1.07	ppm	97
9) Phenol	4.593	94	2737	0.95	ppm	94
10) Aniline	4.635	93	3345	0.92	ppm	89
11) bis(2-Chloroethyl)ether	4.673	93	2100	0.97	ppm	91
12) 2-Chlorophenol	4.715	128	2550	1.02	ppm	85
13) Decane	4.742	43	2266	1.09	ppm	94

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218580.D
Acq On : 24 Jan 2024 12:11 pm
Operator : ninap
Sample : ic9690-1
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 25 09:59:25 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
14) 1,3-Dichlorobenzene	4.828	146	2976	1.03	ppm		93
15) 1,4-Dichlorobenzene	4.876	146	3269	1.10	ppm		94
16) Benzyl alcohol	4.951	108	1381	0.87	ppm		91
17) 1,2-Dichlorobenzene	4.983	146	3035	1.08	ppm		94
18) Acetophenone	5.143	105	3558	1.02	ppm		85
19) 2-Methylphenol	5.020	108	2435	1.11	ppm		92
20) 2,2'-oxybis(1-Chloropr...	5.047	121	587	0.86	ppm	#	78
21) 3&4-Methylphenol	5.122	108	4592	1.99	ppm		96
22) n-Nitroso-di-n-propyla...	5.132	70	1661	1.00	ppm		94
23) Hexachloroethane	5.223	201	991	1.01	ppm		91
26) Nitrobenzene	5.260	77	2454	1.01	ppm		94
27) Quinoline	6.019	129	5061	1.04	ppm		97
28) Isophorone	5.426	82	4388	1.00	ppm		94
29) 2-Nitrophenol	5.485	139	1036	0.88	ppm		77
30) 2,4-Dimethylphenol	5.501	107	2494	1.03	ppm		93
32) bis(2-Chloroethoxy)met...	5.570	93	2859	1.01	ppm		97
33) 2,4-Dichlorophenol	5.645	162	1959	0.94	ppm		89
34) 2,6-Dichlorophenol	5.811	162	2029	0.96	ppm		94
35) 1,3,5-Trichlorobenzene	5.490	180	2659	1.08	ppm		97
36) 1,2,4-Trichlorobenzene	5.714	180	2505	1.06	ppm		98
37) 1,2,3-Trichlorobenzene	5.869	180	2443	1.05	ppm		90
38) Naphthalene	5.773	128	8556	1.12	ppm		98
39) 4-Chloroaniline	5.805	127	2892	0.89	ppm		93
40) 2,3-Dichloroaniline	6.516	161	2521	1.02	ppm		88
41) Hydroquinone	6.030	110	1251	0.58	ppm		74
42) Hexachlorobutadiene	5.853	225	1495	1.13	ppm		96
43) 4-Chloro-3-methylphenol	6.147	107	1893	0.99	ppm		92
44) 2-Methylnaphthalene	6.286	141	4667	1.07	ppm		98
45) 1-Methylnaphthalene	6.366	142	5056	1.10	ppm		90
47) Hexachlorocyclopentadiene	6.409	237	1776	1.62	ppm		76
48) 1,2,4,5-tetrachloroben...	6.420	216	2425	1.06	ppm		94
49) 2,4,6-Trichlorophenol	6.510	196	1262	0.88	ppm		96
50) 2,4,5-Trichlorophenol	6.537	196	1621	1.02	ppm		84
52) 2-Chloronaphthalene	6.697	162	4958	1.06	ppm		93
53) Biphenyl	6.676	154	6312	1.06	ppm		96
54) 2-Nitroaniline	6.788	65	785	0.73	ppm		91
55) Dimethylphthalate	6.959	163	5270	1.04	ppm		95
56) Acenaphthylene	7.093	152	5634	1.01	ppm		99
57) 2,6-Dinitrotoluene	7.018	165	719	0.71	ppm		81
58) 3-Nitroaniline	7.189	138	793	0.64	ppm		92
59) Acenaphthene	7.274	153	5416	1.06	ppm		97
60) 2,4-Dinitrophenol	7.296	184	403	0.86	ppm		93
62) Dibenzofuran	7.461	168	6686	1.02	ppm		100
63) 2,4-Dinitrotoluene	7.440	165	873	0.65	ppm		75
64) 2,3,4,6-Tetrachlorophenol	7.595	232	1138	0.91	ppm		83
65) Diethylphthalate	7.723	149	5215	1.01	ppm		96
66) Fluorene	7.867	166	5272	1.02	ppm		97
67) 4-Chlorophenyl-phenyle...	7.867	204	2443	1.02	ppm		90
68) 4-Nitroaniline	7.883	138	711	0.54	ppm		91
71) n-Nitrosodiphenylamine	8.017	169	4353	1.01	ppm		96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218580.D
Acq On : 24 Jan 2024 12:11 pm
Operator : ninap
Sample : ic9690-1
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 25 09:59:25 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

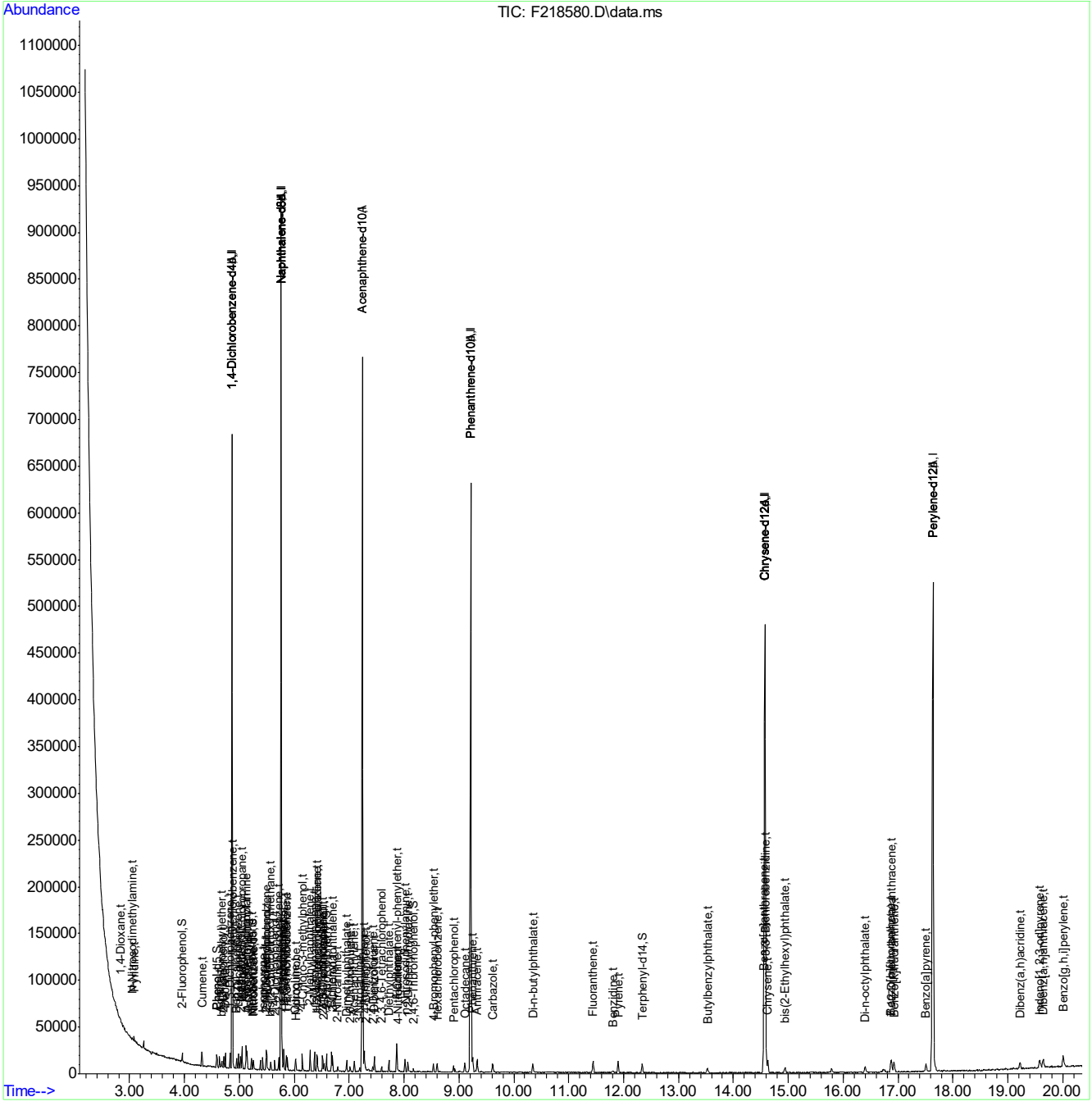
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2-Diphenylhydrazine	8.070	77	4935	1.02	ppm	98
74) 4-Bromophenyl-phenylether	8.535	248	1760	1.18	ppm	95
75) Hexachlorobenzene	8.605	284	2121	1.15	ppm	97
76) Pentachlorophenol	8.904	266	1391	1.27	ppm	85
77) Phenanthrene	9.251	178	8322	1.10	ppm	97
78) Anthracene	9.331	178	7701	1.01	ppm	97
79) Carbazole	9.609	167	6785	0.97	ppm	95
80) Di-n-butylphthalate	10.346	149	8505	0.94	ppm	98
81) Fluoranthene	11.447	202	8081	0.99	ppm	93
82) Octadecane	9.107	57	2565	0.94	ppm	96
84) Benzidine	11.805	184	2423	0.54	ppm	93
85) Pyrene	11.901	202	8280	1.03	ppm	91
87) Butylbenzylphthalate	13.530	149	2770	0.76	ppm	91
88) Benzo[a]anthracene	14.551	228	8326	1.08	ppm	98
89) 3,3'-Dichlorobenzidine	14.593	252	2613	0.85	ppm	95
90) Chrysene	14.625	228	8036	1.07	ppm	99
91) bis(2-Ethylhexyl)phtha...	14.941	149	3826	0.69	ppm	85
93) Di-n-octylphthalate	16.404	149	5841	0.58	ppm	97
94) Benzo[b]fluoranthene	16.869	252	8064	0.89	ppm	94
95) Benzo[k]fluoranthene	16.928	252	8073	0.97	ppm	85
96) Benzo[a]pyrene	17.510	252	6508	0.88	ppm	94
97) Indeno[1,2,3-cd]pyrene	19.583	276	6649	0.86	ppm	95
98) Dibenz(a,h)acridine	19.220	279	5786	0.80	ppm	91
99) Dibenz[a,h]anthracene	19.647	278	7308	0.82	ppm	95
100) 7,12-Dimethylbenz(a)an...	16.885	256	3379	0.86	ppm	83
101) Benzo[g,h,i]perylene	20.010	276	8130	0.92	ppm	92

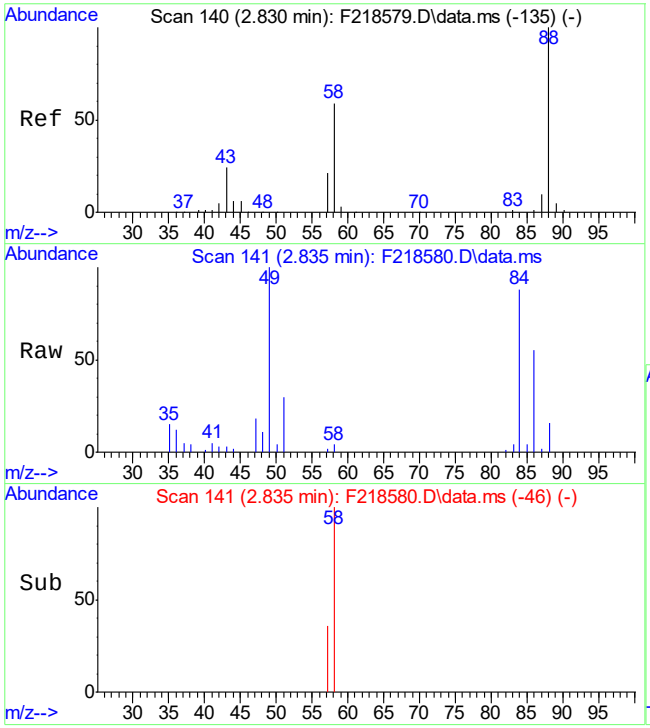
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218580.D
Acq On : 24 Jan 2024 12:11 pm
Operator : ninap
Sample : ic9690-1
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 25 09:59:25 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

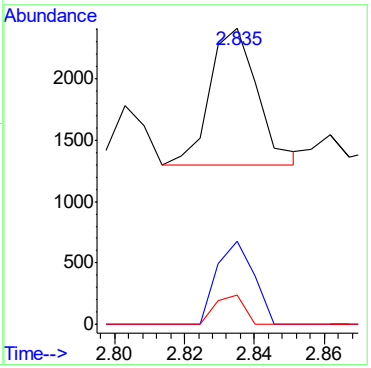


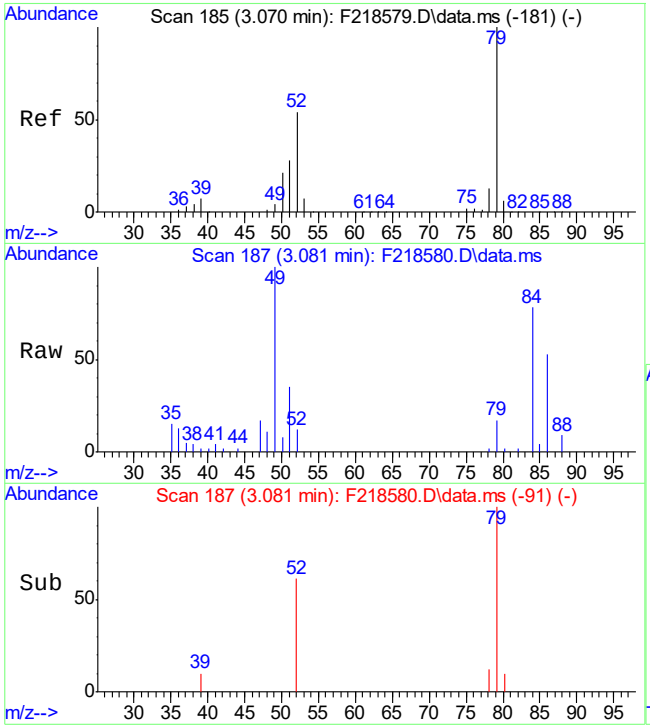


#2
1,4-Dioxane
Concen: 1.13 ppm
RT: 2.835 min Scan# 141
Delta R.T. 0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 88 Resp: 1062

Ion	Ratio	Lower	Upper
88	100		
58	64.2	27.0	87.0
57	22.9	0.0	50.2

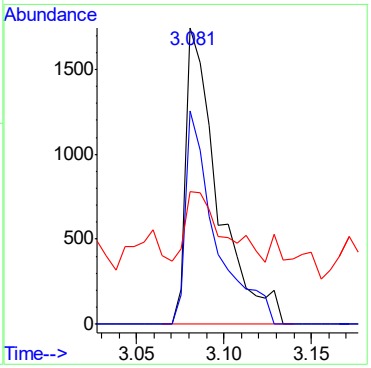


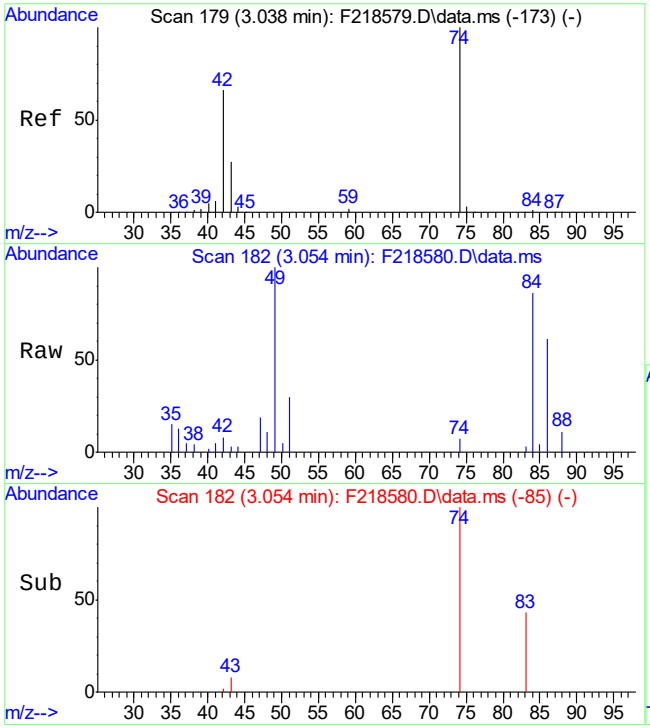


#3
Pyridine
Concen: 0.85 ppm
RT: 3.081 min Scan# 187
Delta R.T. 0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 79 Resp: 2228

Ion	Ratio	Lower	Upper
79	100		
52	71.9	23.7	83.7
50	21.8	0.0	51.1

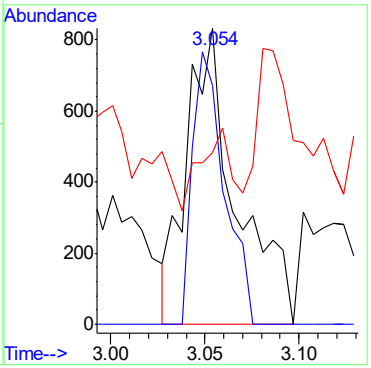


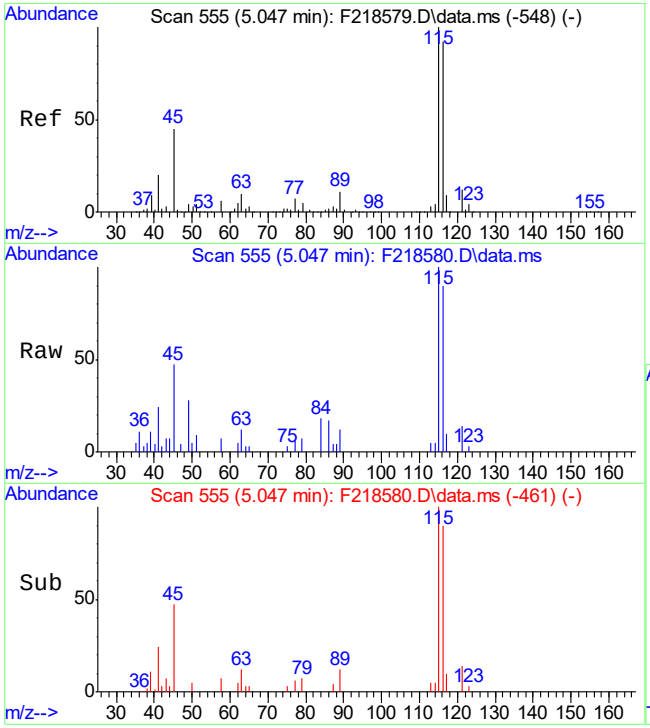


#4
N-Nitrosodimethylamine
Concen: 1.90 ppm
RT: 3.054 min Scan# 182
Delta R.T. 0.016 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 42 Resp: 1522

Ion	Ratio	Lower	Upper
42	100		
74	89.8	120.8	180.8#
50	0.0	0.0	30.0

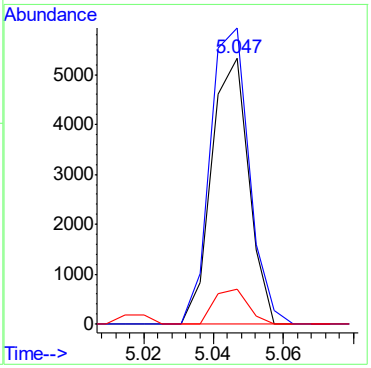


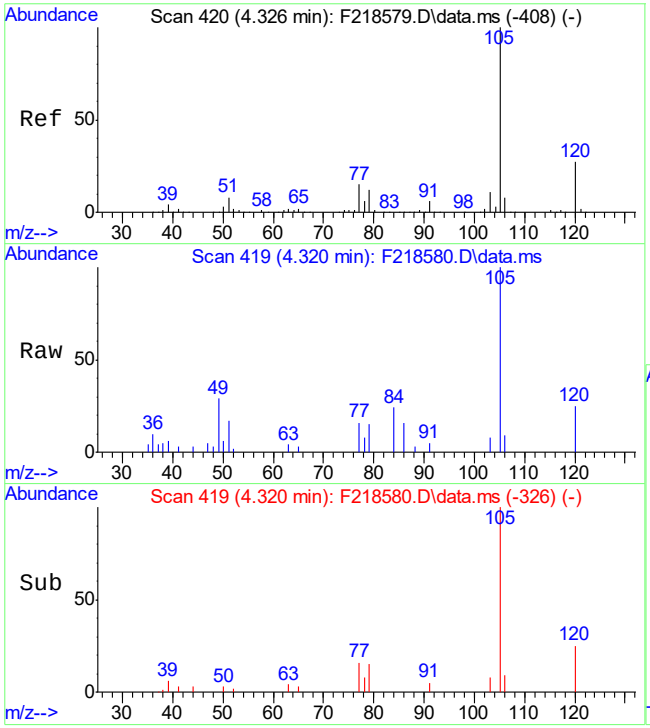


#6
Indene
Concen: 0.96 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:116 Resp: 3931

Ion	Ratio	Lower	Upper
116	100		
115	111.3	79.0	139.0
63	13.3	0.0	41.0

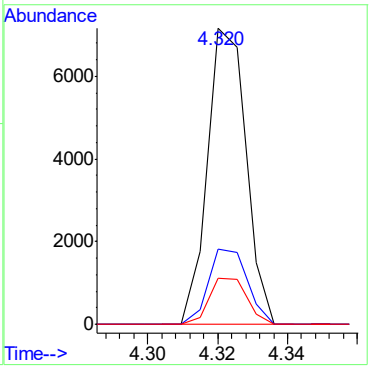


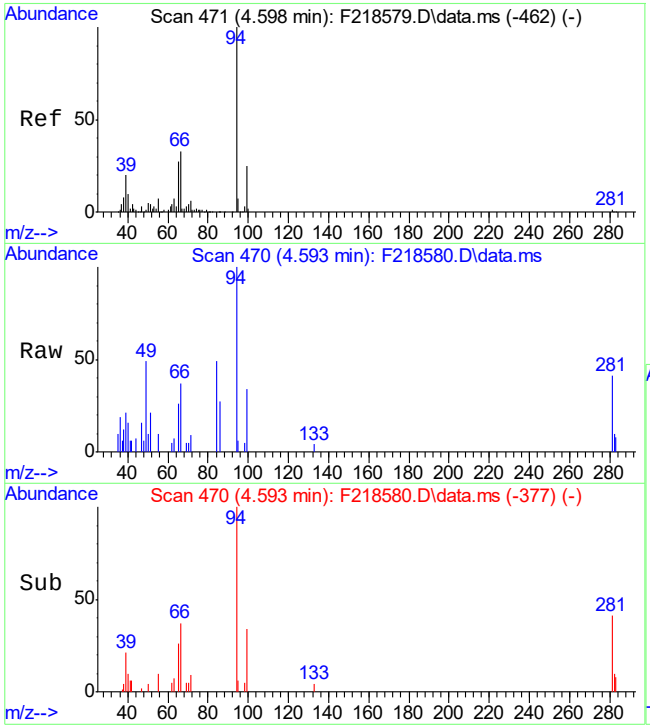


#7
Cumene
Concen: 1.07 ppm
RT: 4.320 min Scan# 419
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:105 Resp: 5489

Ion	Ratio	Lower	Upper
105	100		
120	25.2	0.0	56.8
77	15.7	0.0	44.8

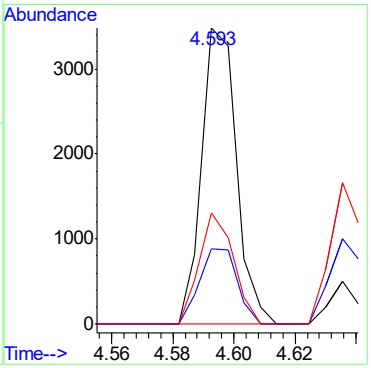


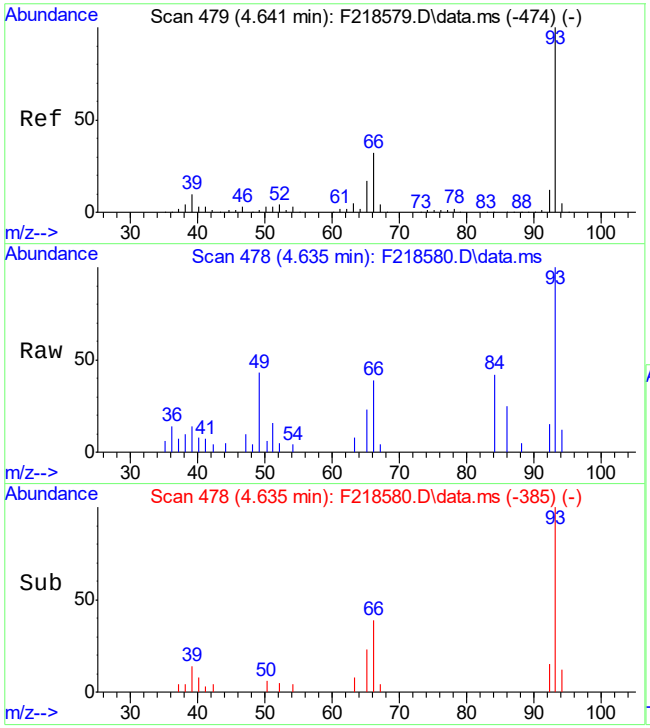


#9
Phenol
Concen: 0.95 ppm
RT: 4.593 min Scan# 470
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 94 Resp: 2737

Ion	Ratio	Lower	Upper
94	100		
65	25.6	0.0	56.8
66	37.4	2.6	62.6

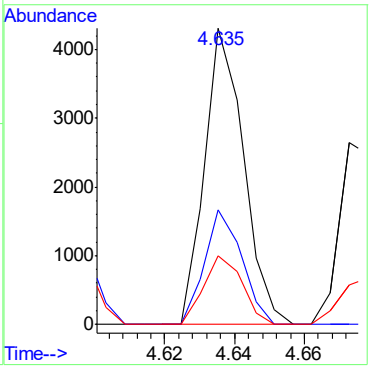


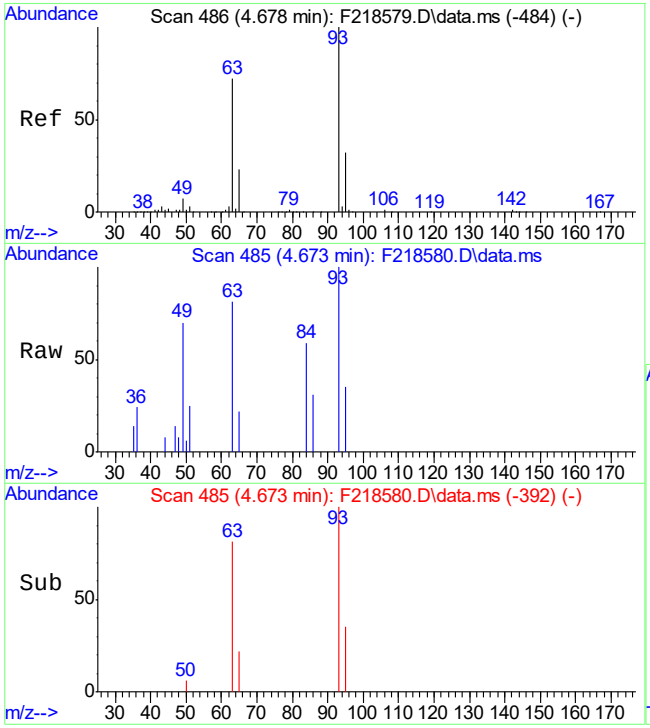


#10
Aniline
Concen: 0.92 ppm
RT: 4.635 min Scan# 478
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 93 Resp: 3345

Ion	Ratio	Lower	Upper
93	100		
66	38.6	2.7	62.7
65	23.2	0.0	47.4

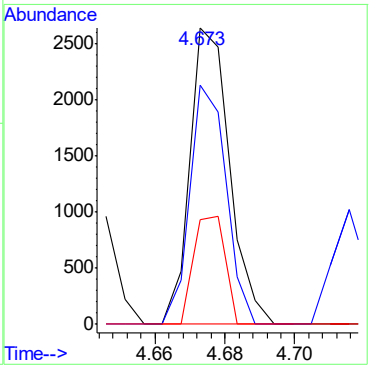


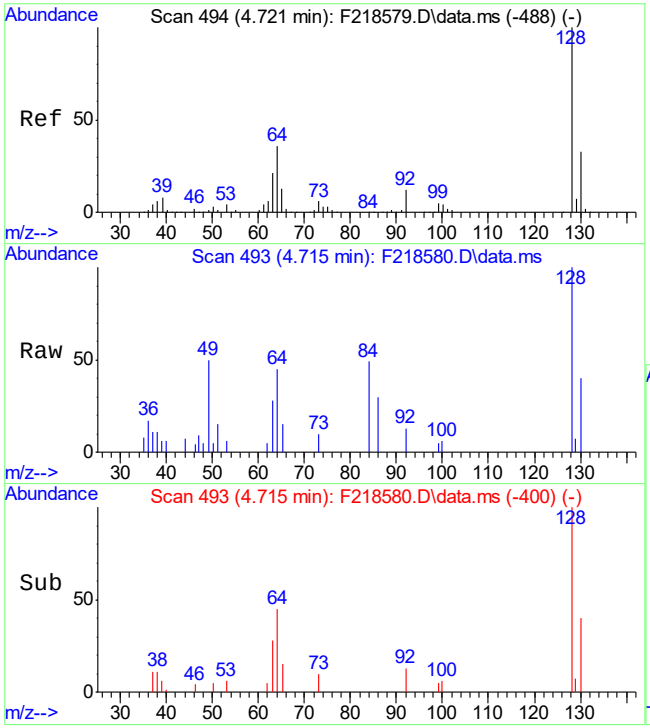


#11
bis(2-Chloroethyl)ether
Concen: 0.97 ppm
RT: 4.673 min Scan# 485
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 93 Resp: 2100

Ion	Ratio	Lower	Upper
93	100		
63	80.8	42.2	102.2
95	35.1	2.1	62.1

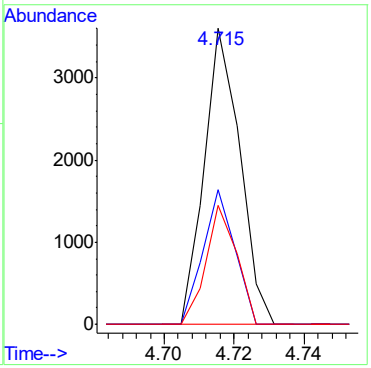


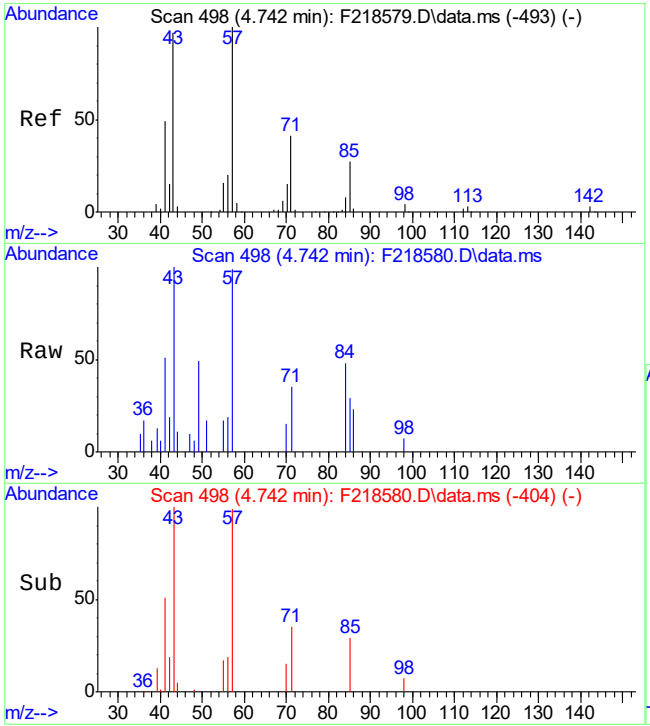


#12
2-Chlorophenol
Concen: 1.02 ppm
RT: 4.715 min Scan# 493
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:128 Resp: 2550

Ion	Ratio	Lower	Upper
128	100		
64	45.4	5.8	65.8
130	40.1	3.0	63.0

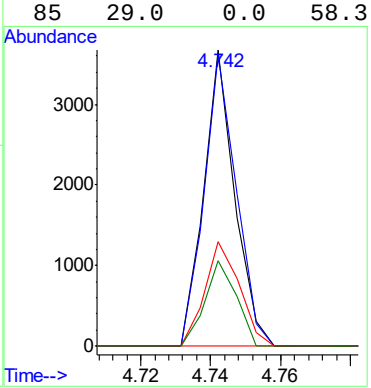


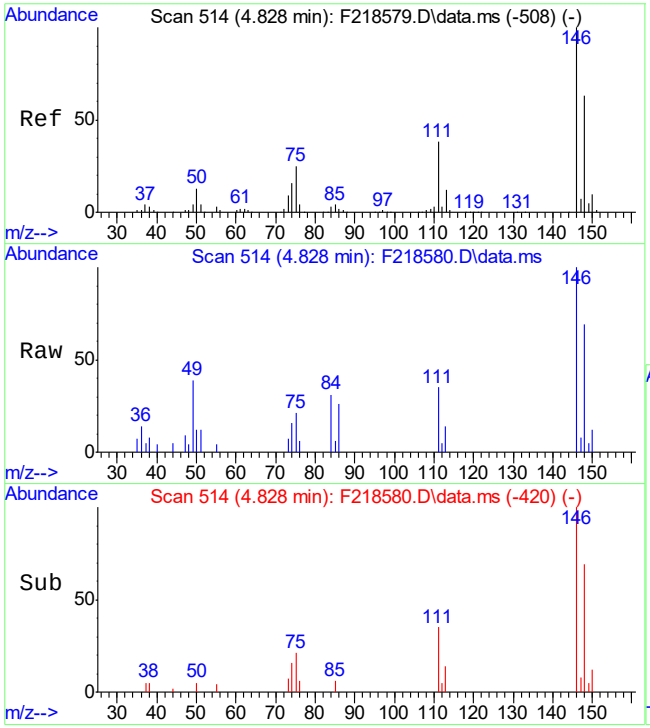


#13
Decane
Concen: 1.09 ppm
RT: 4.742 min Scan# 498
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 43 Resp: 2266

Ion	Ratio	Lower	Upper
43	100		
57	98.7	73.2	133.2
71	35.4	13.0	73.0
85	29.0	0.0	58.3

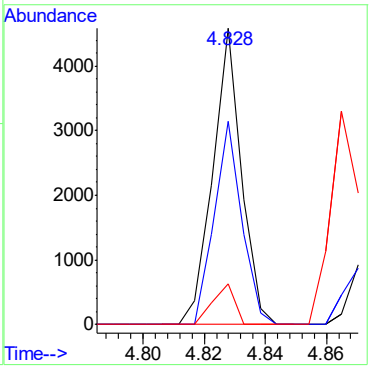


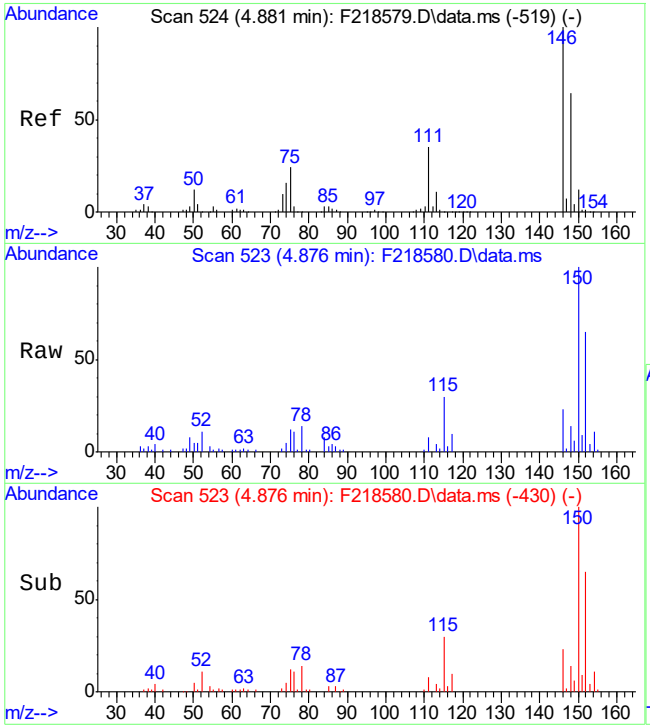


#14
1,3-Dichlorobenzene
Concen: 1.03 ppm
RT: 4.828 min Scan# 514
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:146 Resp: 2976

Ion	Ratio	Lower	Upper
146	100		
148	68.6	32.8	92.8
113	13.8	0.0	41.9

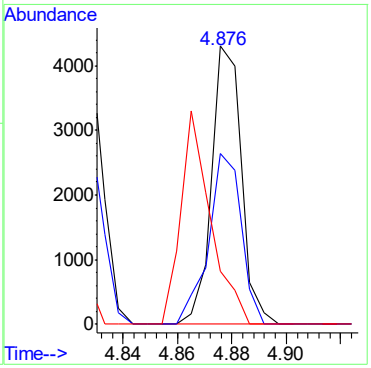


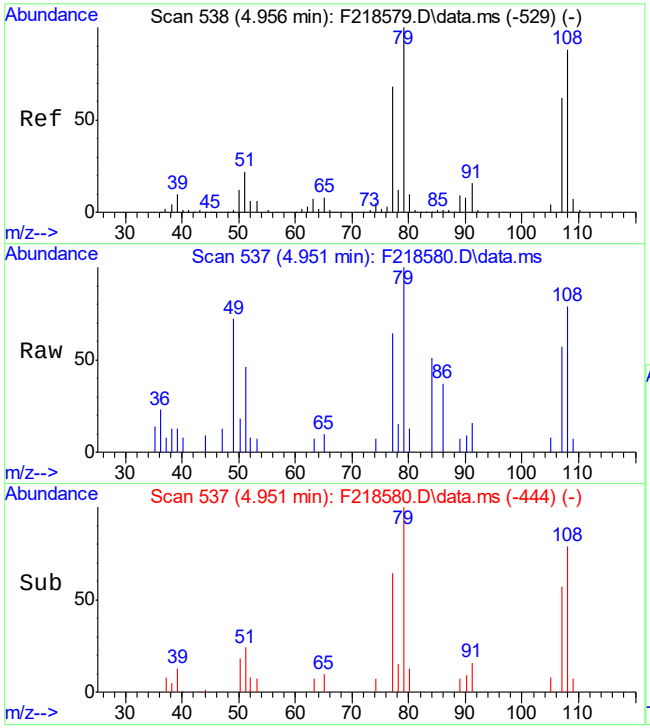


#15
1,4-Dichlorobenzene
Concen: 1.10 ppm
RT: 4.876 min Scan# 523
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:146 Resp: 3269

Ion	Ratio	Lower	Upper
146	100		
148	61.4	33.9	93.9
113	19.1	0.0	41.3

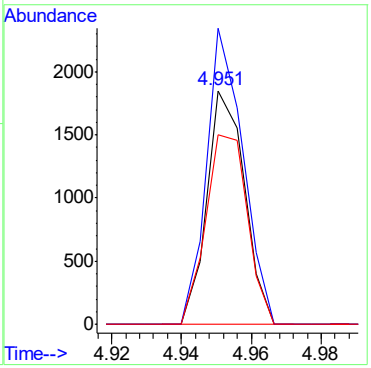


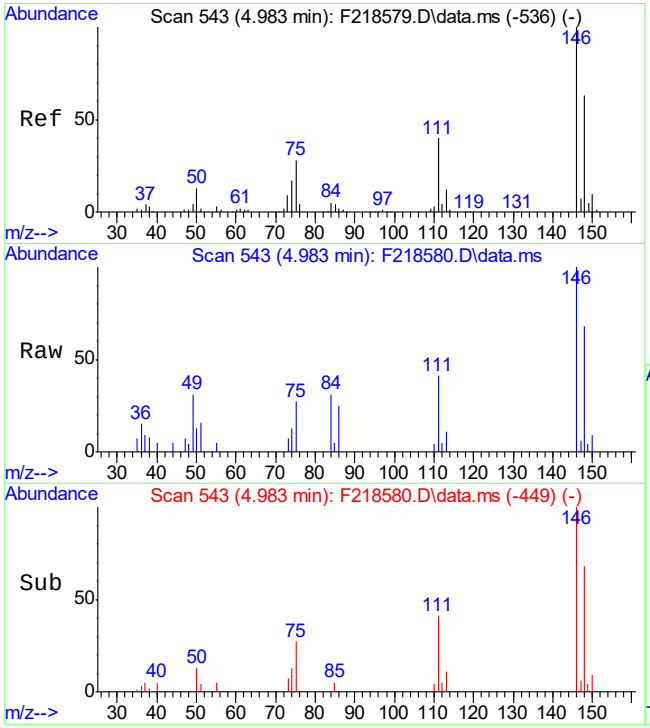


#16
Benzyl alcohol
Concen: 0.87 ppm
RT: 4.951 min Scan# 537
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:108 Resp: 1381

Ion	Ratio	Lower	Upper
108	100		
79	126.6	83.1	143.1
77	81.0	46.9	106.9

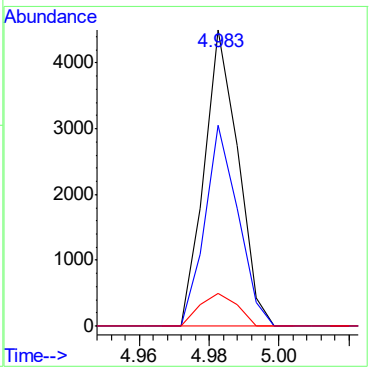


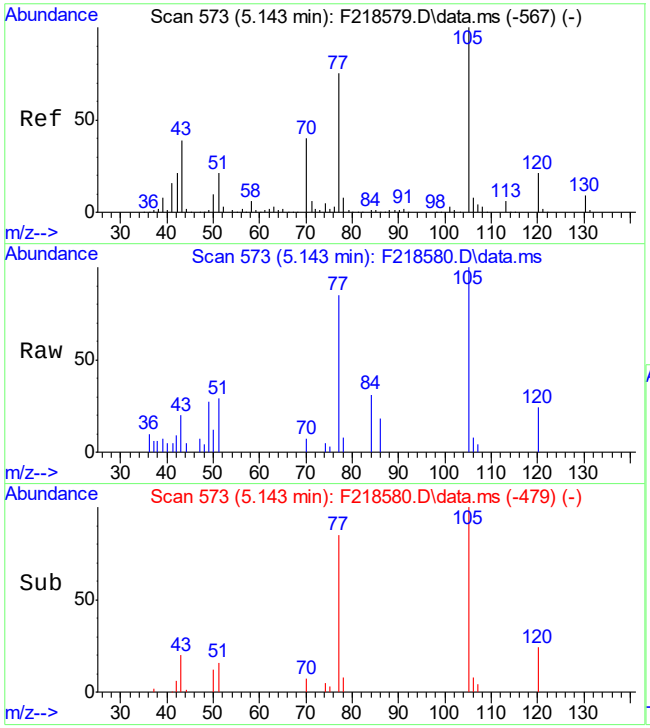


#17
1,2-Dichlorobenzene
Concen: 1.08 ppm
RT: 4.983 min Scan# 543
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:146 Resp: 3035

Ion	Ratio	Lower	Upper
146	100		
148	67.9	32.7	92.7
113	11.0	0.0	42.4

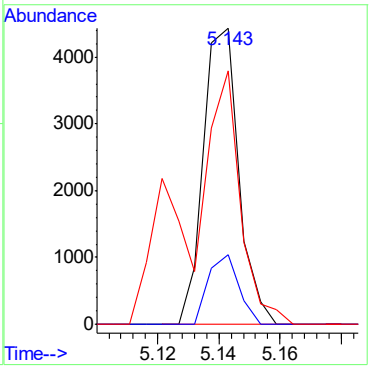


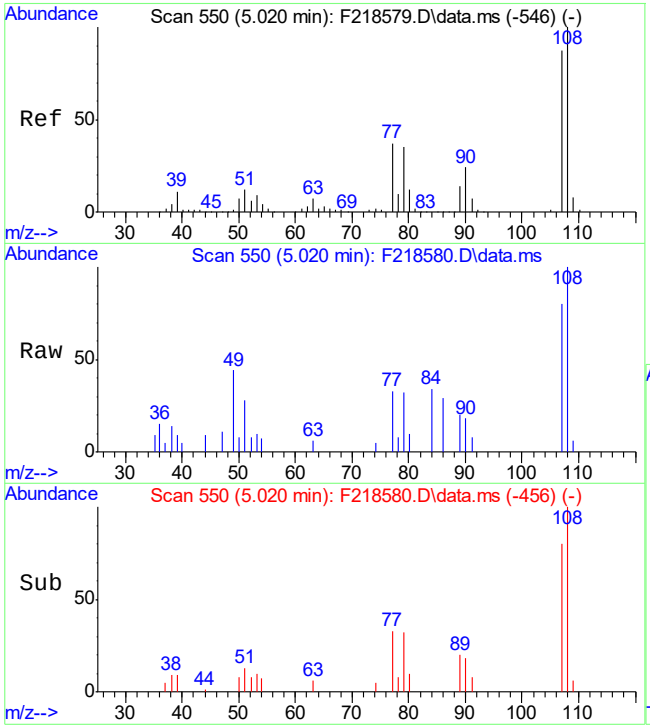


#18
Acetophenone
Concen: 1.02 ppm
RT: 5.143 min Scan# 573
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:105 Resp: 3558

Ion	Ratio	Lower	Upper
105	100		
120	23.7	0.0	50.5
77	60.8	45.3	105.3

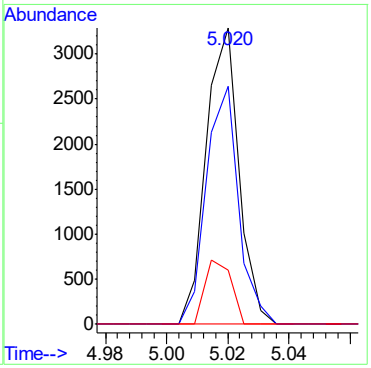


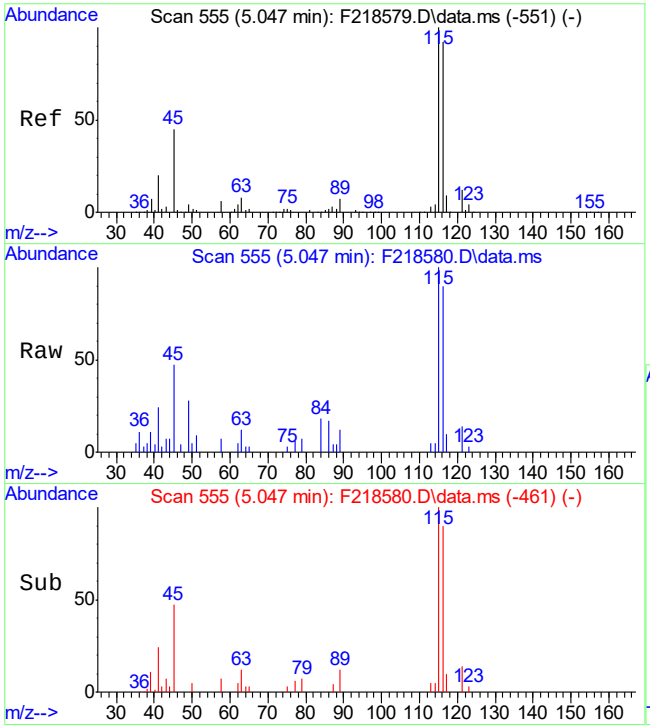


#19
2-Methylphenol
Concen: 1.11 ppm
RT: 5.020 min Scan# 550
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:108 Resp: 2435

Ion	Ratio	Lower	Upper
108	100		
107	80.2	57.0	117.0
90	18.1	0.0	53.5

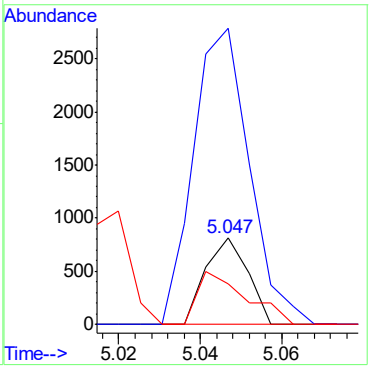


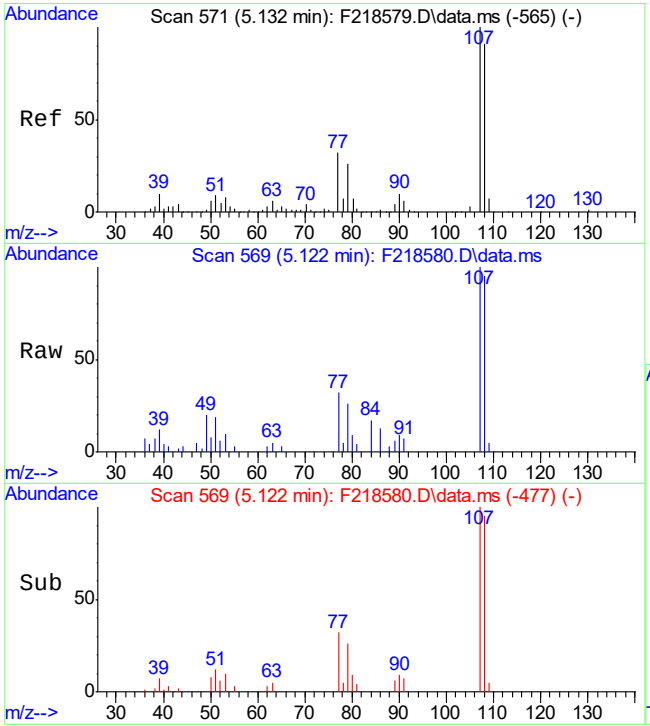


#20
2,2'-oxybis(1-Chloropropane
Concen: 0.86 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:121 Resp: 587

Ion	Ratio	Lower	Upper
121	100		
45	332.7	351.9	411.9#
77	46.9	36.1	96.1

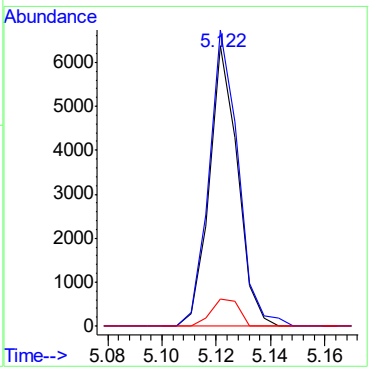


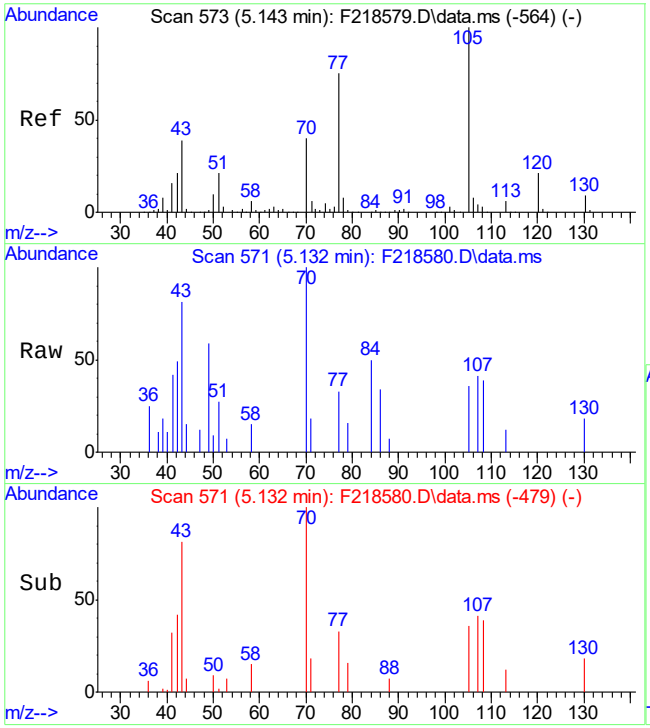


#21
3&4-Methylphenol
Concen: 1.99 ppm
RT: 5.122 min Scan# 569
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:108 Resp: 4592

Ion	Ratio	Lower	Upper
108	100		
107	105.4	79.6	139.6
90	9.5	0.0	40.5

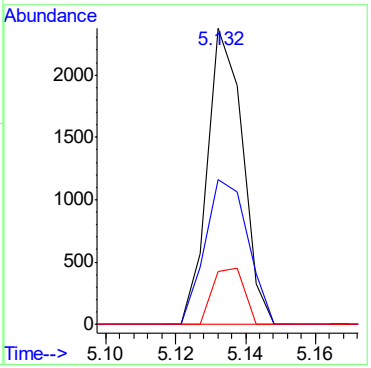


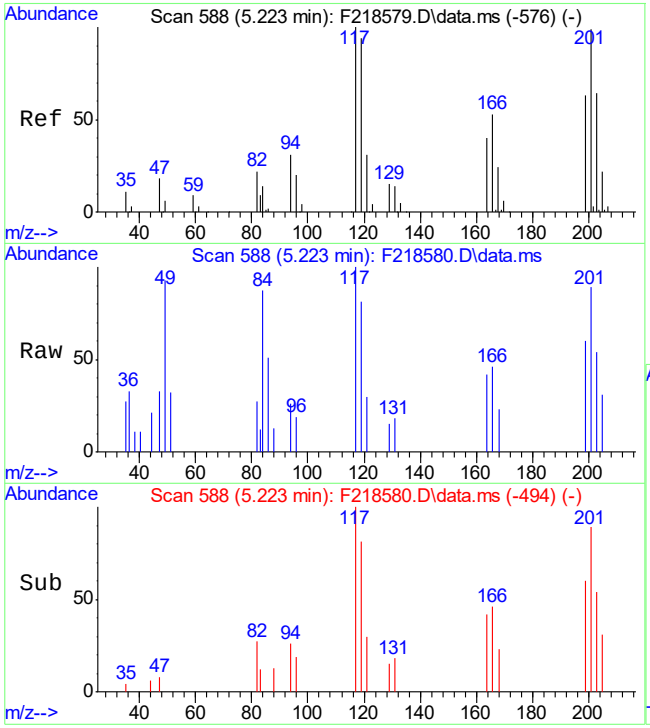


#22
n-Nitroso-di-n-propylamine
Concen: 1.00 ppm
RT: 5.132 min Scan# 571
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 70 Resp: 1661

Ion	Ratio	Lower	Upper
70	100		
42	48.8	36.3	67.3
130	17.7	15.6	29.0

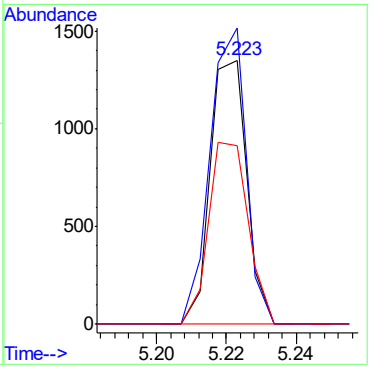


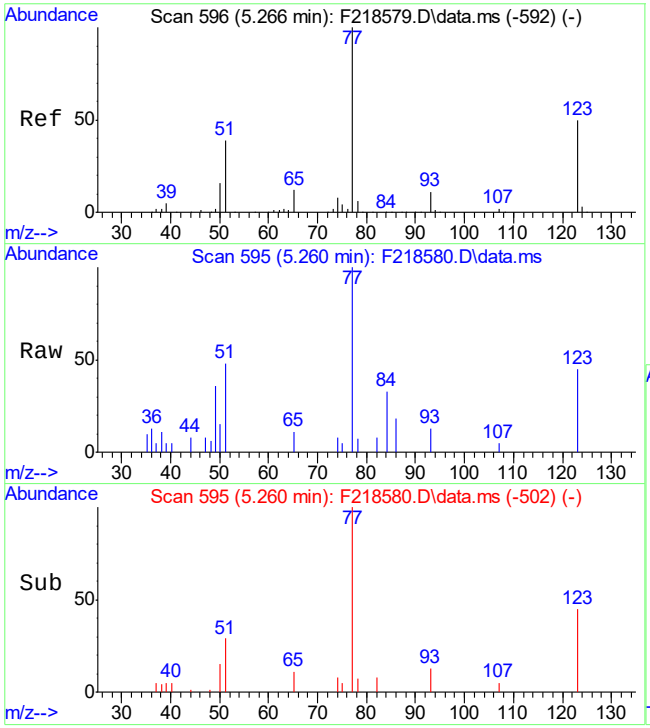


#23
Hexachloroethane
Concen: 1.01 ppm
RT: 5.223 min Scan# 588
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:201 Resp: 991

Ion	Ratio	Lower	Upper
201	100		
117	112.2	70.8	130.8
199	67.6	33.7	93.7

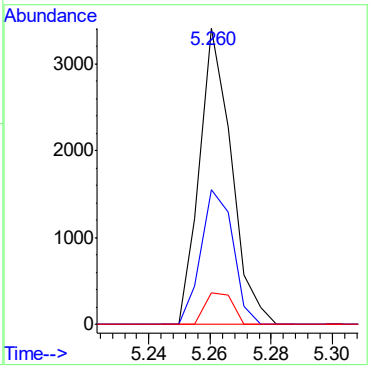


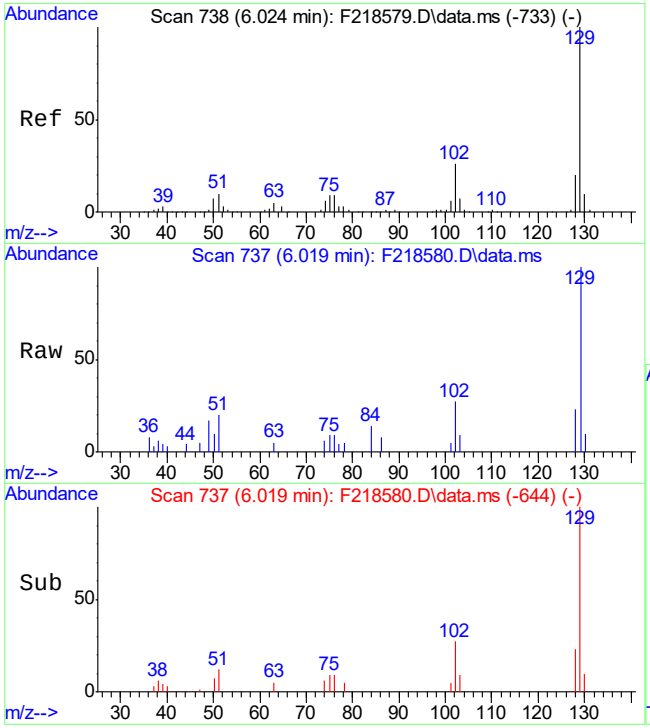


#26
Nitrobenzene
Concen: 1.01 ppm
RT: 5.260 min Scan# 595
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 77 Resp: 2454

Ion	Ratio	Lower	Upper
77	100		
123	45.3	20.4	80.4
65	10.8	0.0	41.9

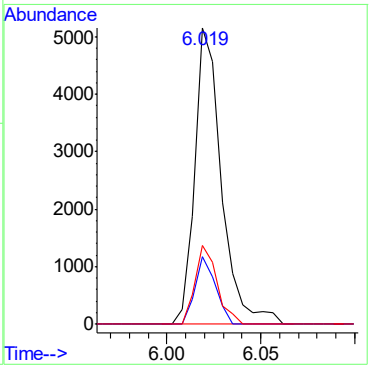


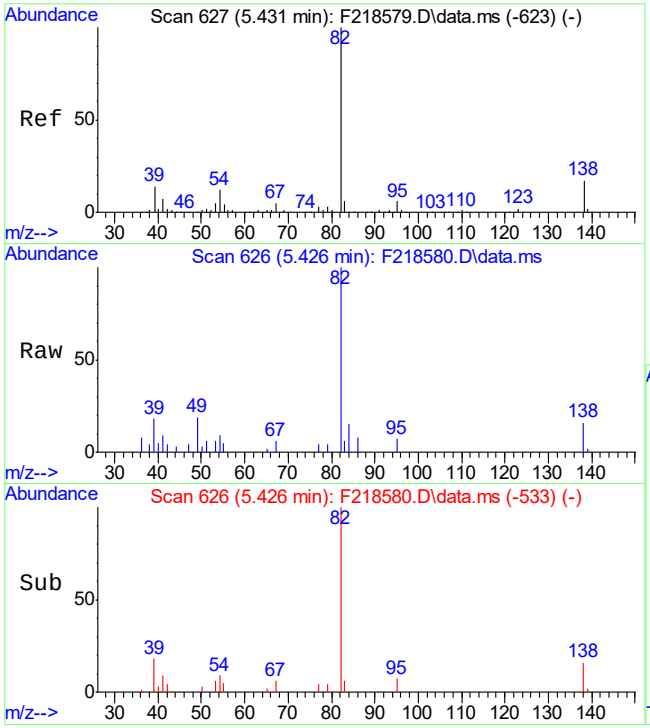


#27
Quinoline
Concen: 1.04 ppm
RT: 6.019 min Scan# 737
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:129 Resp: 5061

Ion	Ratio	Lower	Upper
129	100		
128	22.7	0.0	50.3
102	26.6	0.0	55.9

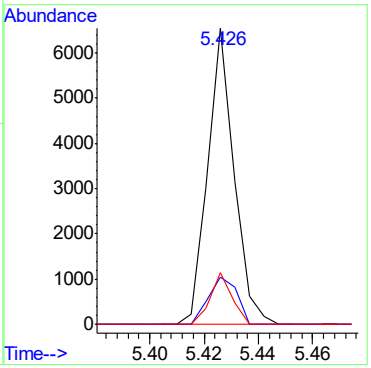


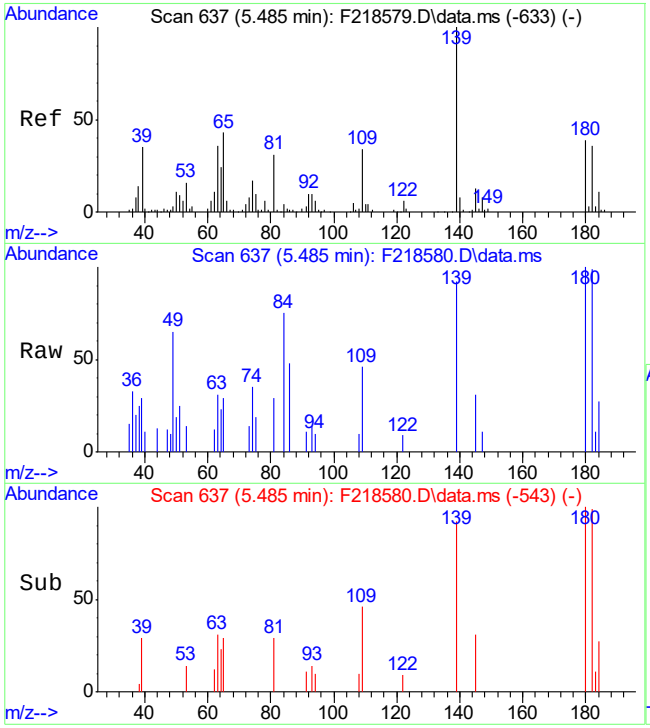


#28
Isophorone
Concen: 1.00 ppm
RT: 5.426 min Scan# 626
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 82 Resp: 4388

Ion	Ratio	Lower	Upper
82	100		
138	15.8	0.0	47.1
39	17.5	0.0	44.0

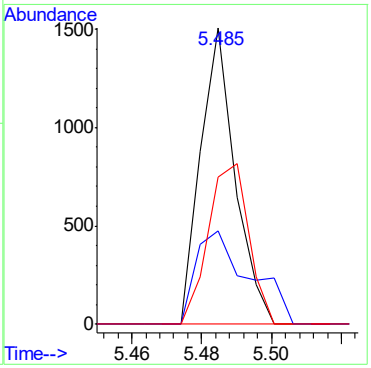


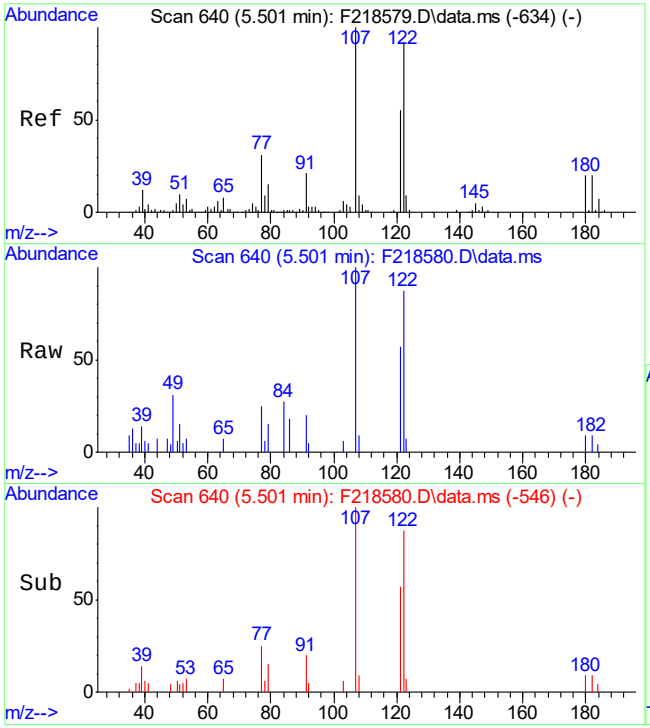


#29
2-Nitrophenol
Concen: 0.88 ppm
RT: 5.485 min Scan# 637
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:139 Resp: 1036

Ion	Ratio	Lower	Upper
139	100		
65	31.5	13.1	73.1
109	49.8	3.7	63.7

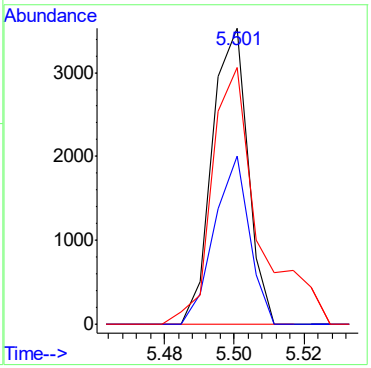


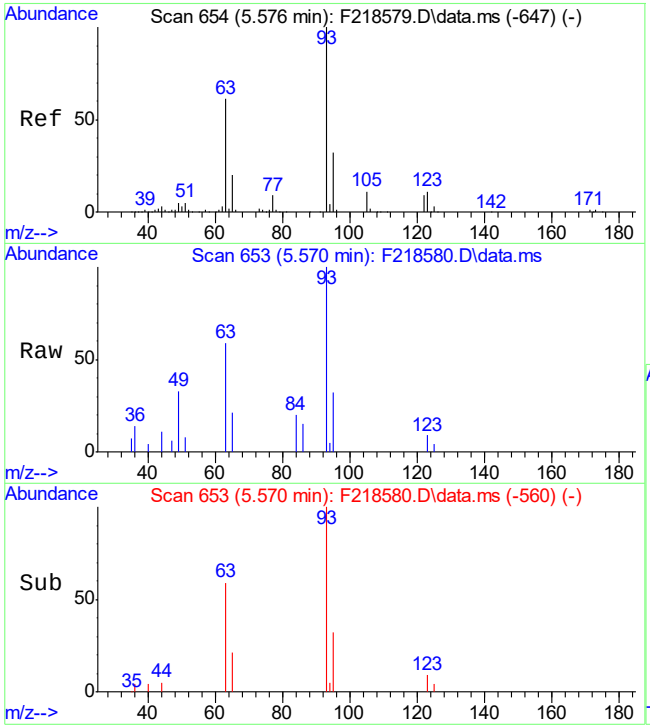


#30
2,4-Dimethylphenol
Concen: 1.03 ppm
RT: 5.501 min Scan# 640
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:107 Resp: 2494

Ion	Ratio	Lower	Upper
107	100		
121	56.7	25.4	85.4
122	77.8	57.3	117.3

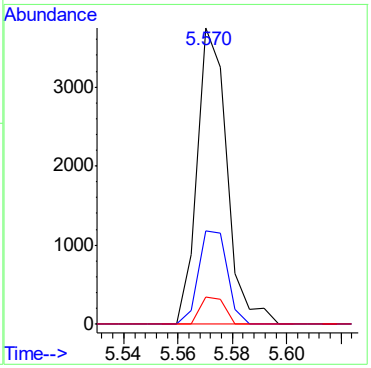


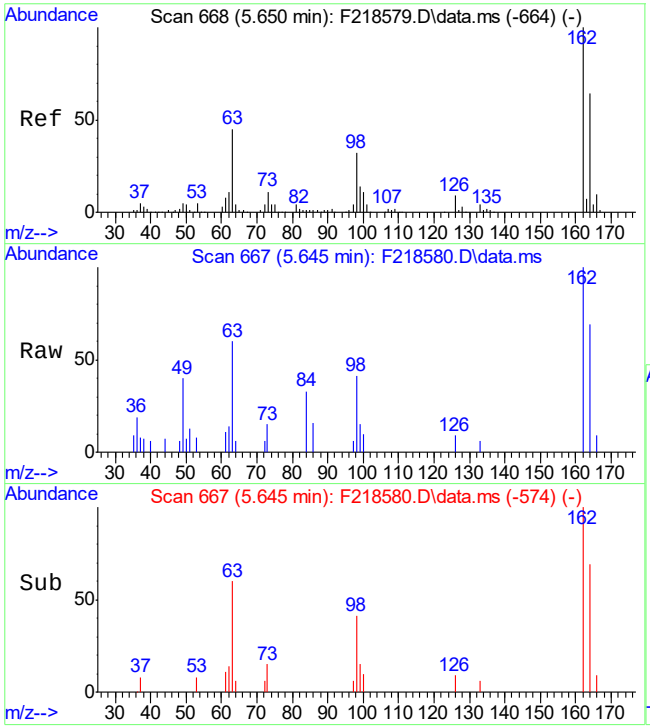


#32
bis(2-Chloroethoxy)methane
Concen: 1.01 ppm
RT: 5.570 min Scan# 653
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 93 Resp: 2859

Ion	Ratio	Lower	Upper
93	100		
95	31.5	2.5	62.5
123	9.3	0.0	41.2

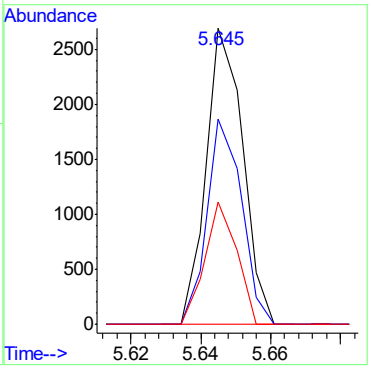


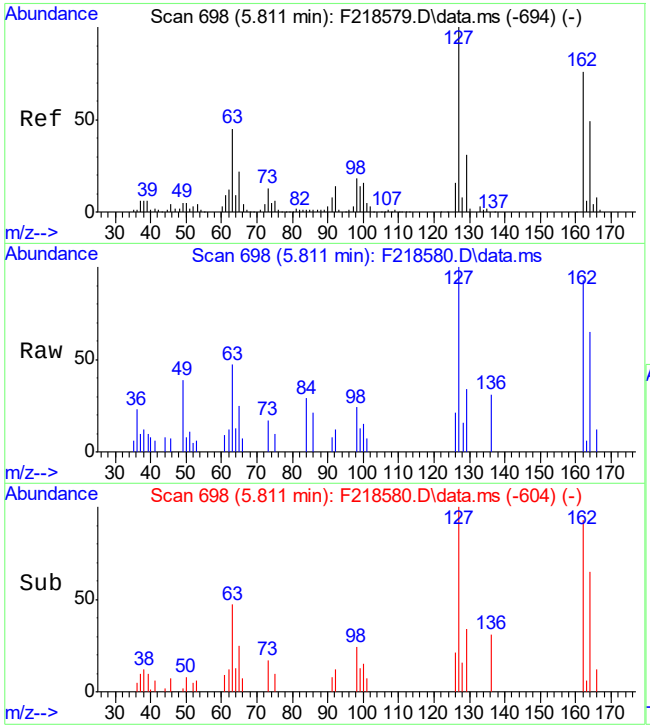


#33
2,4-Dichlorophenol
Concen: 0.94 ppm
RT: 5.645 min Scan# 667
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:162 Resp: 1959

Ion	Ratio	Lower	Upper
162	100		
164	69.2	33.6	93.6
98	41.5	1.5	61.5

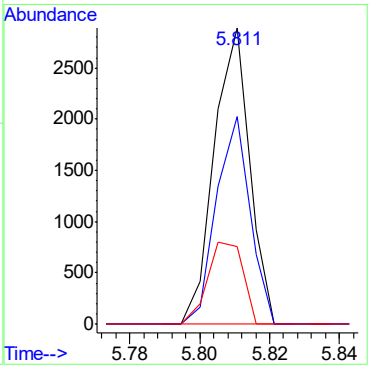


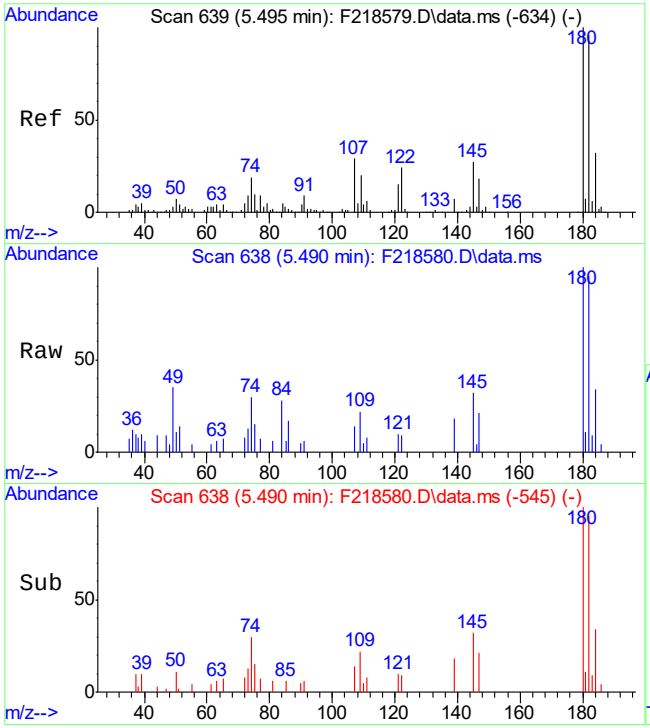


#34
2,6-Dichlorophenol
Concen: 0.96 ppm
RT: 5.811 min Scan# 698
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:162 Resp: 2029

Ion	Ratio	Lower	Upper
162	100		
164	70.1	34.9	94.9
98	26.0	0.0	53.2

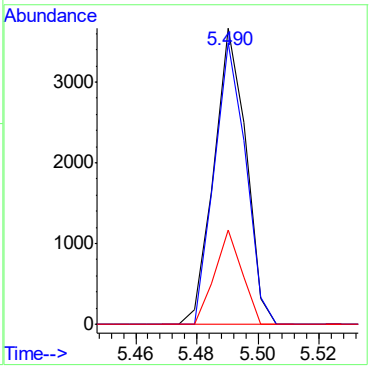


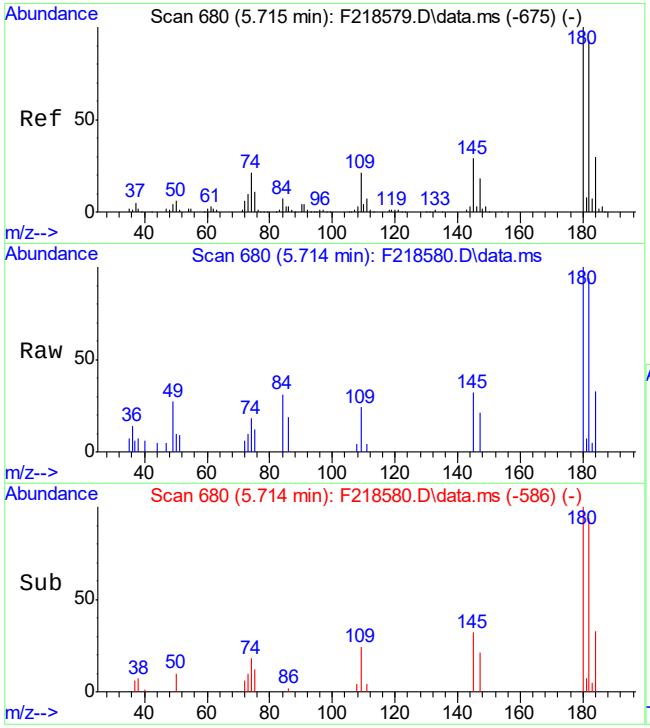


#35
1,3,5-Trichlorobenzene
Concen: 1.08 ppm
RT: 5.490 min Scan# 638
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:180 Resp: 2659

Ion	Ratio	Lower	Upper
180	100		
182	95.2	66.2	126.2
145	31.8	0.0	57.2

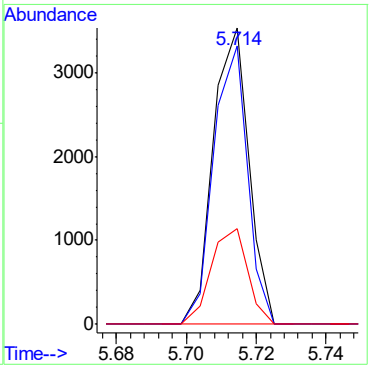


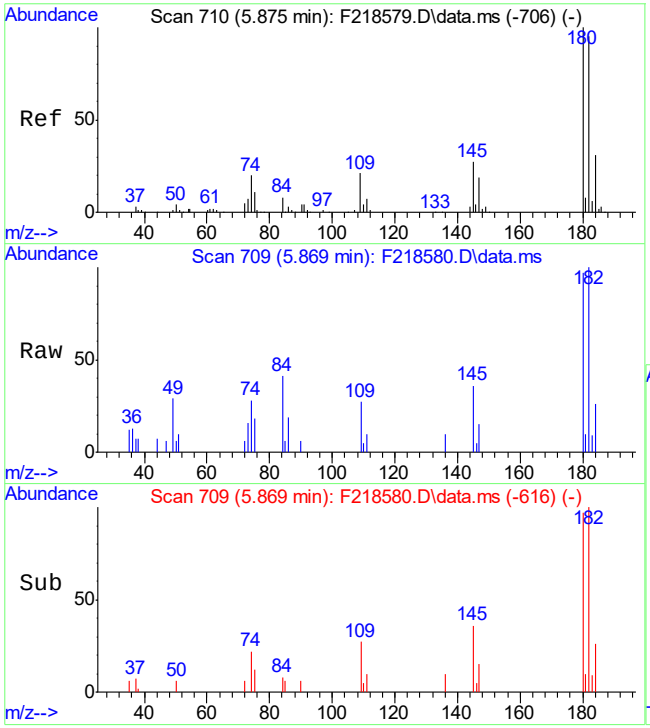


#36
1,2,4-Trichlorobenzene
Concen: 1.06 ppm
RT: 5.714 min Scan# 680
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:180 Resp: 2505

Ion	Ratio	Lower	Upper
180	100		
182	94.0	62.8	122.8
145	32.2	0.0	58.7

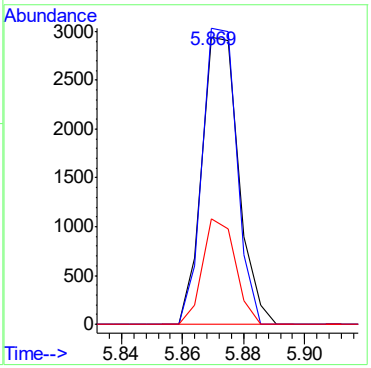


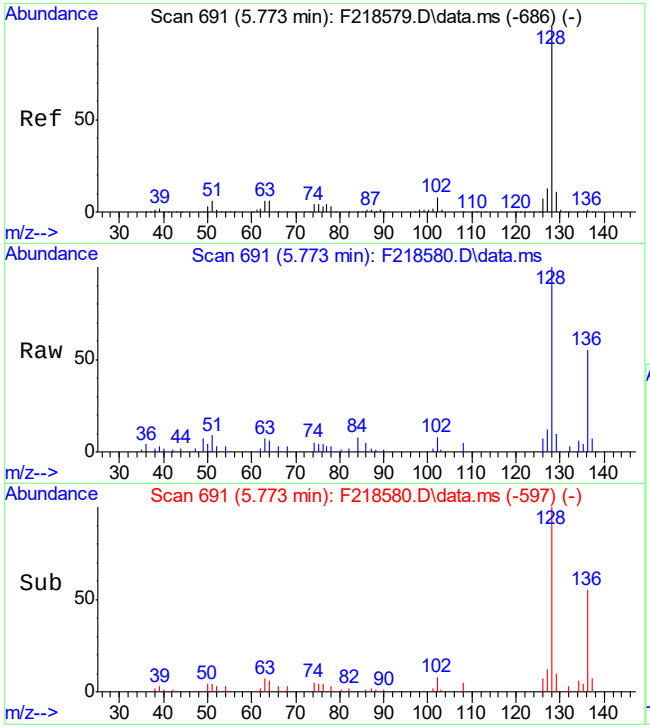


#37
1,2,3-Trichlorobenzene
Concen: 1.05 ppm
RT: 5.869 min Scan# 709
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:180 Resp: 2443

Ion	Ratio	Lower	Upper
180	100		
182	103.1	65.1	125.1
145	36.7	0.0	59.2

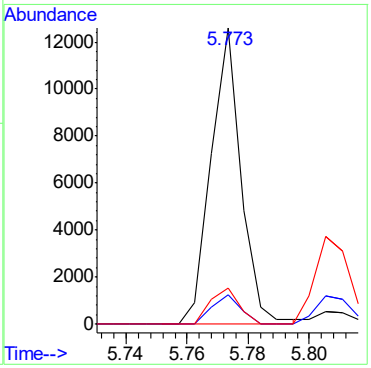


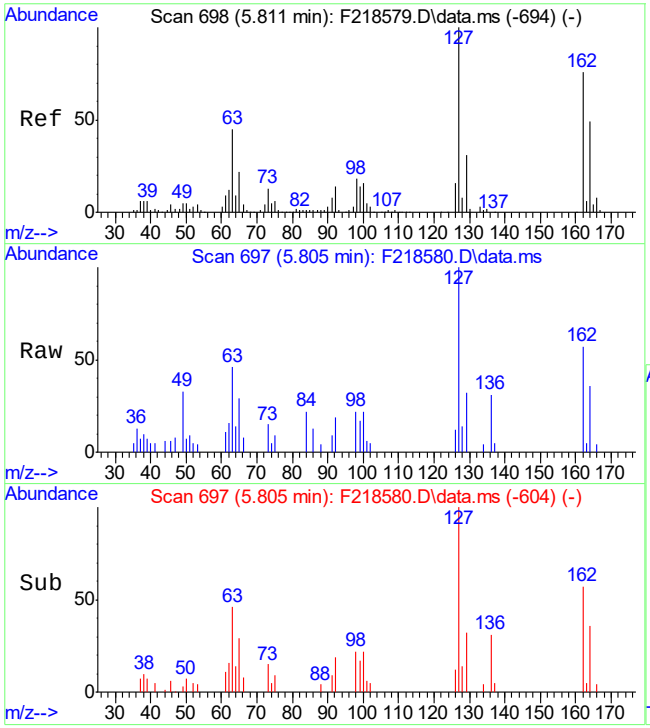


#38
Naphthalene
Concen: 1.12 ppm
RT: 5.773 min Scan# 691
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:128 Resp: 8556

Ion	Ratio	Lower	Upper
128	100		
129	10.1	0.0	41.2
127	12.3	0.0	42.9

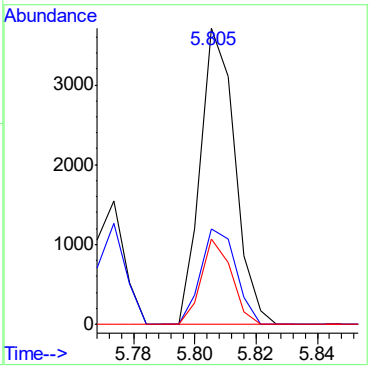


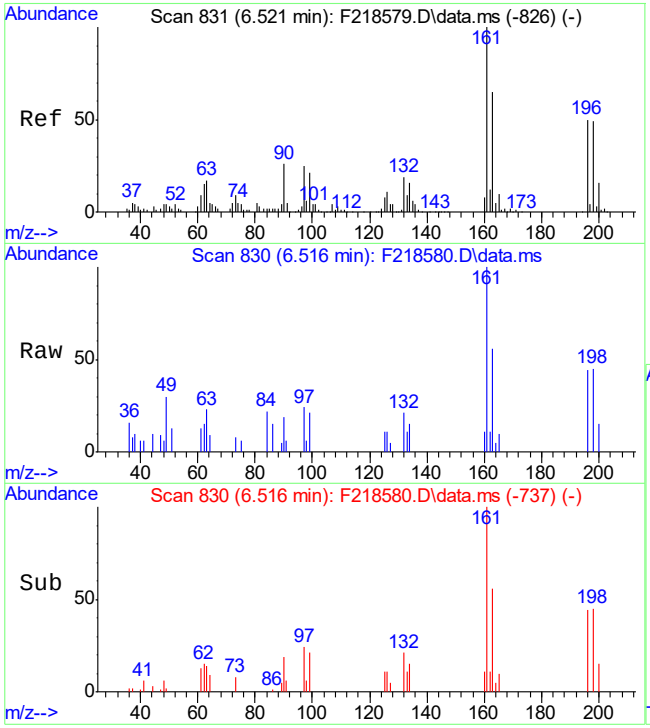


#39
4-Chloroaniline
Concen: 0.89 ppm
RT: 5.805 min Scan# 697
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:127 Resp: 2892

Ion	Ratio	Lower	Upper
127	100		
129	32.3	1.5	61.5
65	28.8	0.0	51.5

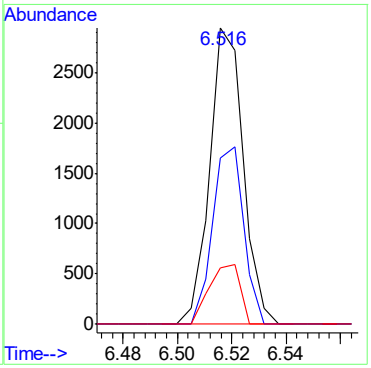


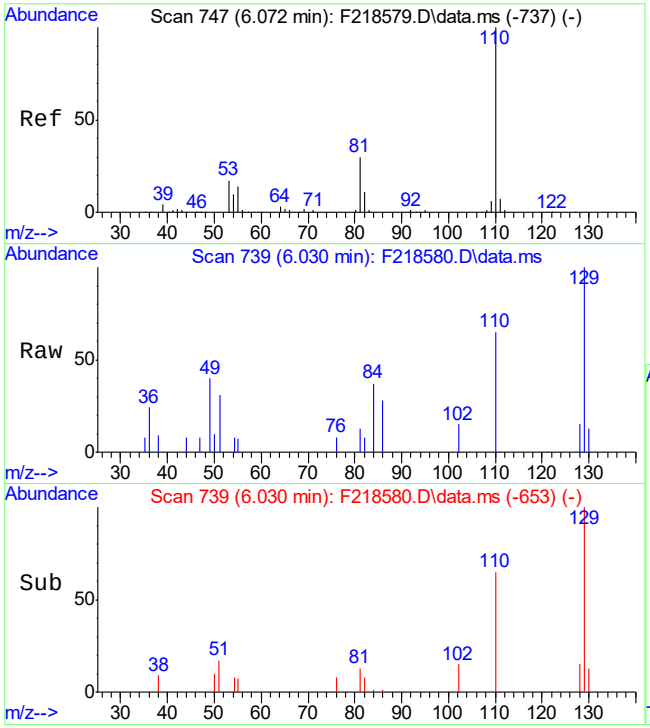


#40
2,3-Dichloroaniline
Concen: 1.02 ppm
RT: 6.516 min Scan# 830
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:161 Resp: 2521

Ion	Ratio	Lower	Upper
161	100		
163	56.1	35.0	95.0
90	18.8	0.0	56.3

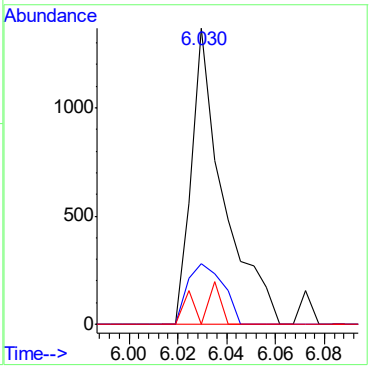


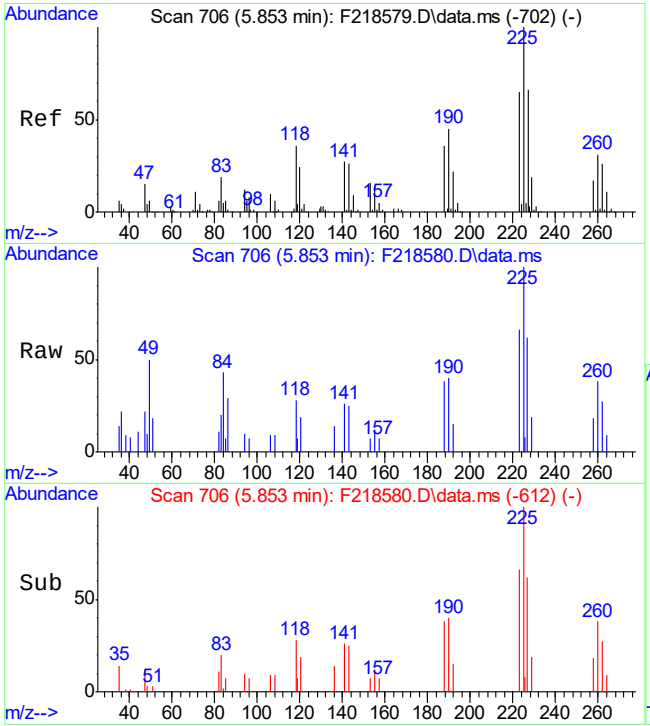


#41
Hydroquinone
Concen: 0.58 ppm
RT: 6.030 min Scan# 739
Delta R.T. -0.043 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:110 Resp: 1251

Ion	Ratio	Lower	Upper
110	100		
81	20.5	0.0	59.9
53	0.0	0.0	47.7

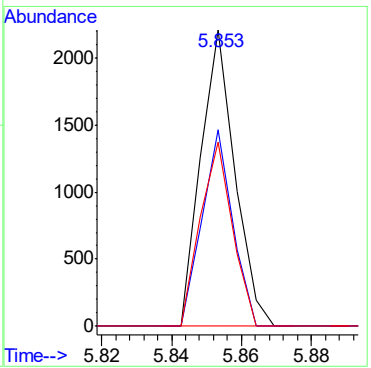


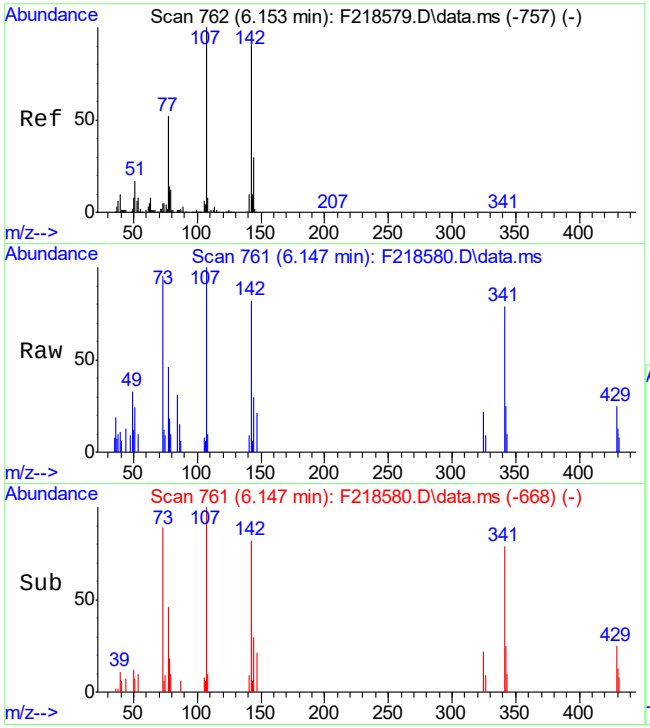


#42
Hexachlorobutadiene
Concen: 1.13 ppm
RT: 5.853 min Scan# 706
Delta R.T. -0.000 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:225 Resp: 1495

Ion	Ratio	Lower	Upper
225	100		
223	66.3	34.5	94.5
227	62.0	35.8	95.8

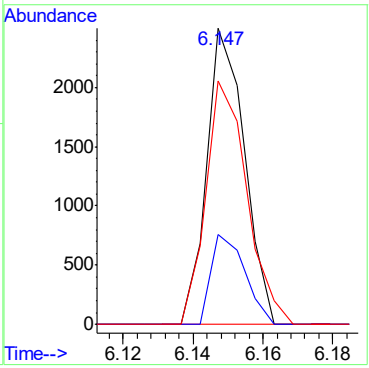


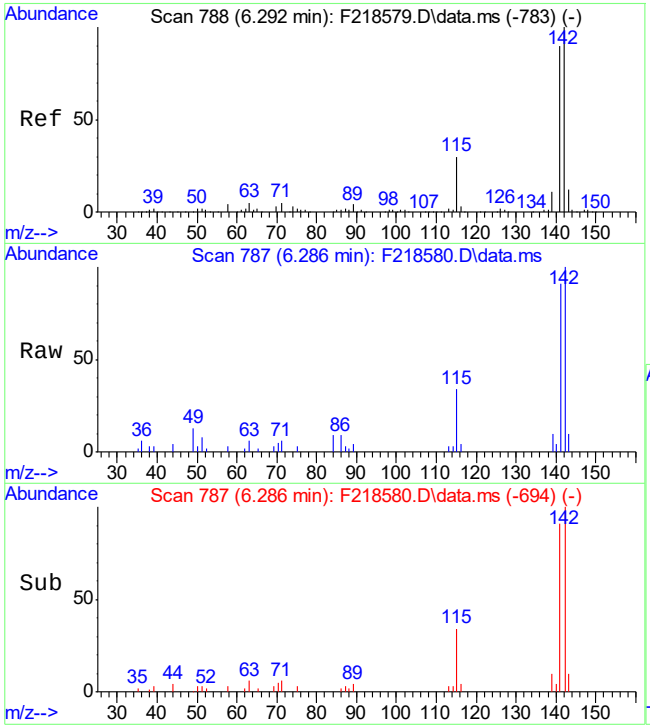


#43
4-Chloro-3-methylphenol
Concen: 0.99 ppm
RT: 6.147 min Scan# 761
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:107 Resp: 1893

Ion	Ratio	Lower	Upper
107	100		
144	30.4	0.0	59.9
142	82.1	61.5	121.5

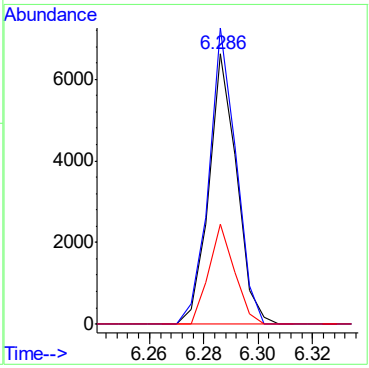


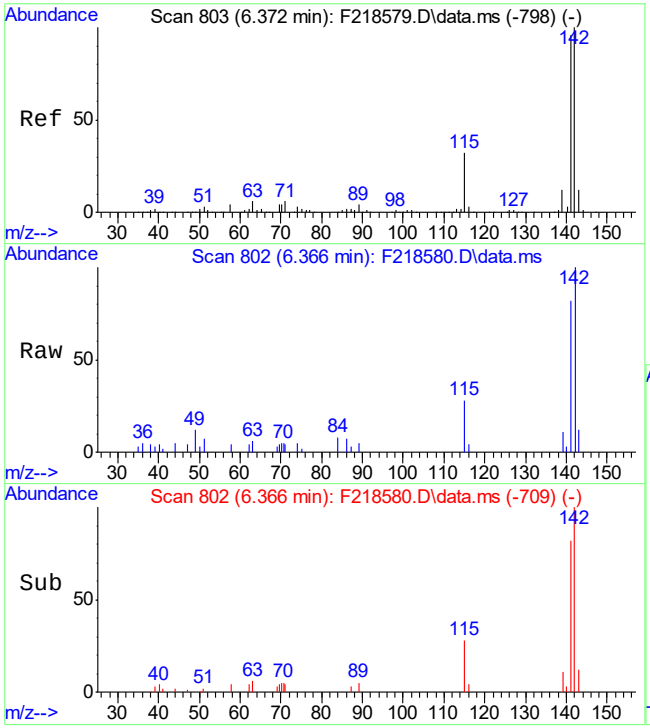


#44
2-Methylnaphthalene
Concen: 1.07 ppm
RT: 6.286 min Scan# 787
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:141 Resp: 4667

Ion	Ratio	Lower	Upper
141	100		
142	109.7	80.5	140.5
115	37.2	2.8	62.8

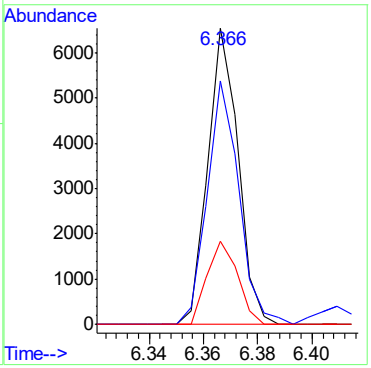


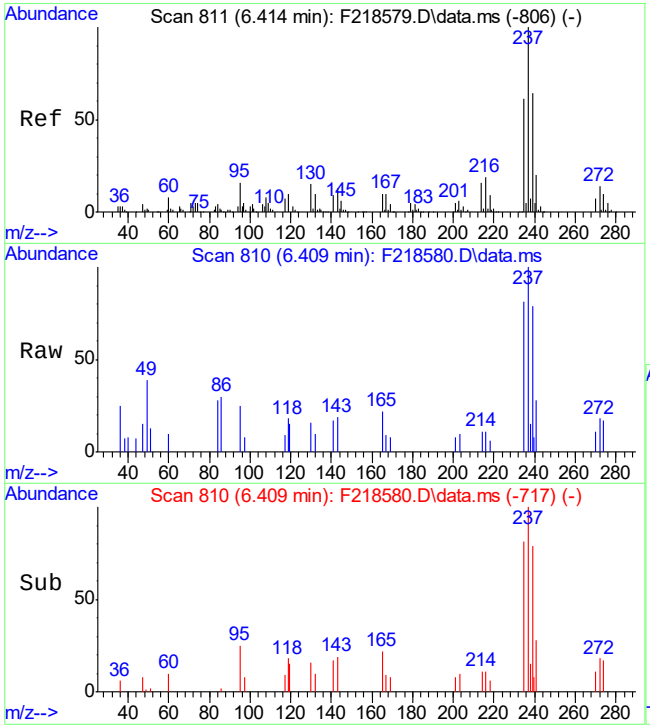


#45
1-Methylnaphthalene
Concen: 1.10 ppm
RT: 6.366 min Scan# 802
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:142 Resp: 5056

Ion	Ratio	Lower	Upper
142	100		
141	82.1	62.9	122.9
115	28.1	2.4	62.4

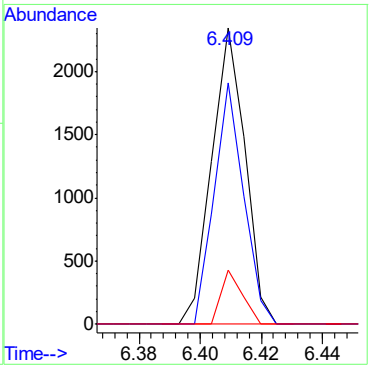


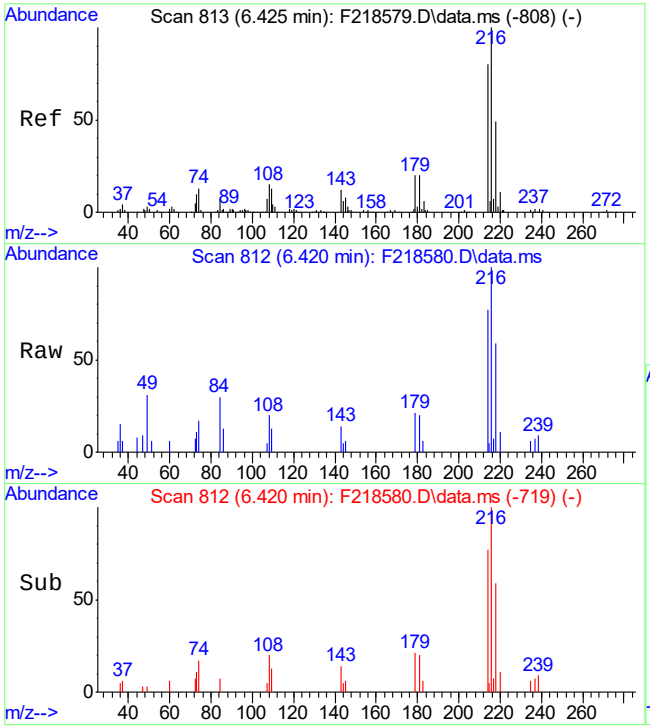


#47
Hexachlorocyclopentadiene
Concen: 1.62 ppm
RT: 6.409 min Scan# 810
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:237 Resp: 1776

Ion	Ratio	Lower	Upper
237	100		
235	81.3	30.8	90.8
272	18.1	0.0	44.0

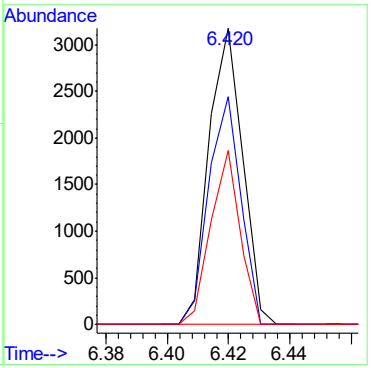


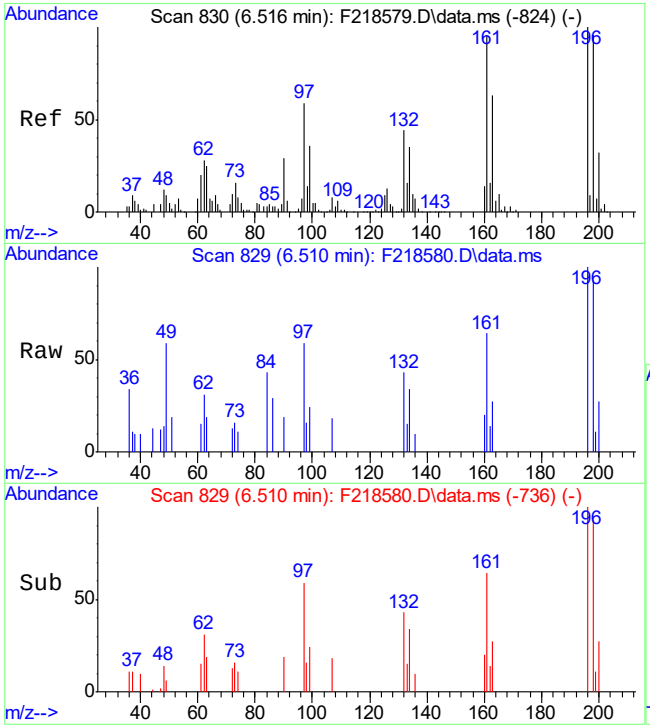


#48
1,2,4,5-tetrachlorobenzene
Concen: 1.06 ppm
RT: 6.420 min Scan# 812
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:216 Resp: 2425

Ion	Ratio	Lower	Upper
216	100		
214	73.3	55.6	103.2
218	51.2	33.6	62.4

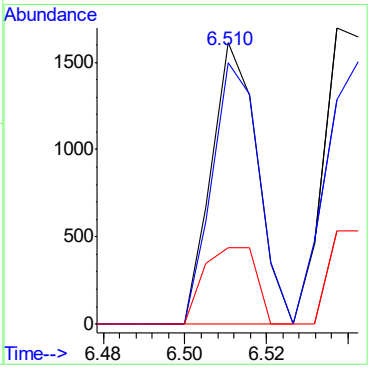


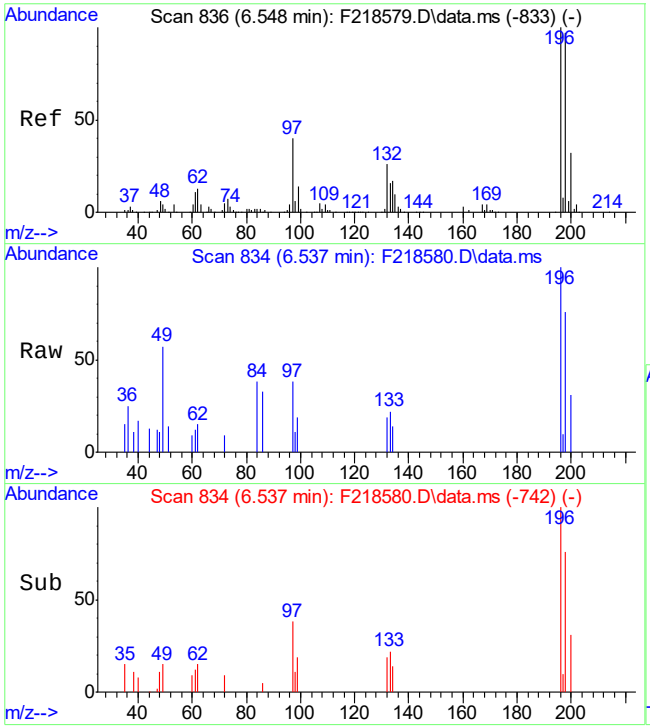


#49
2,4,6-Trichlorophenol
Concen: 0.88 ppm
RT: 6.510 min Scan# 829
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:196 Resp: 1262

Ion	Ratio	Lower	Upper
196	100		
198	93.0	66.2	126.2
200	27.2	1.7	61.7

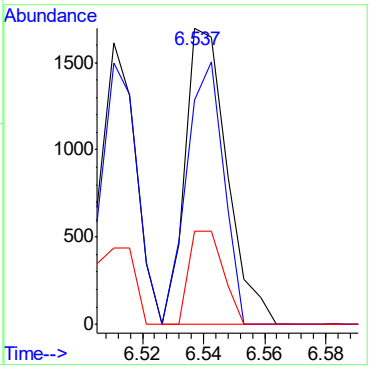


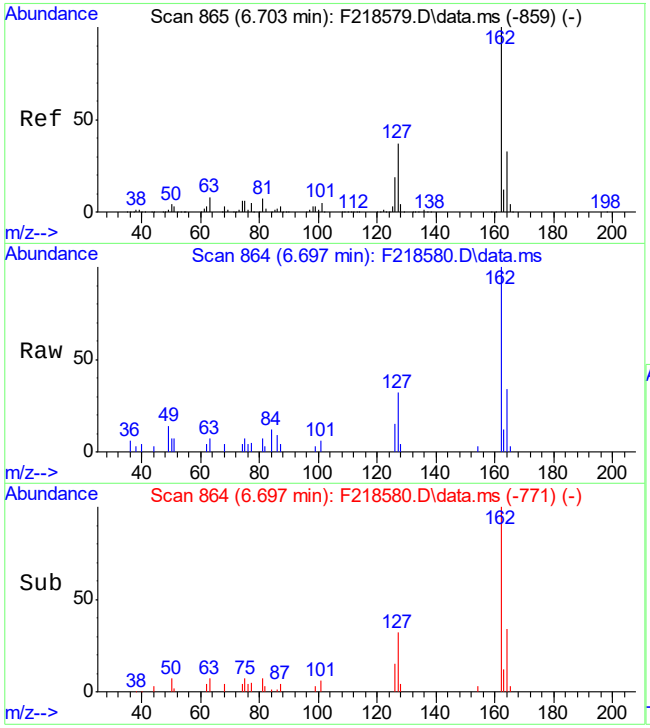


#50
2,4,5-Trichlorophenol
Concen: 1.02 ppm
RT: 6.537 min Scan# 834
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:196 Resp: 1621

Ion	Ratio	Lower	Upper
196	100		
198	75.7	66.8	126.8
200	31.4	1.7	61.7

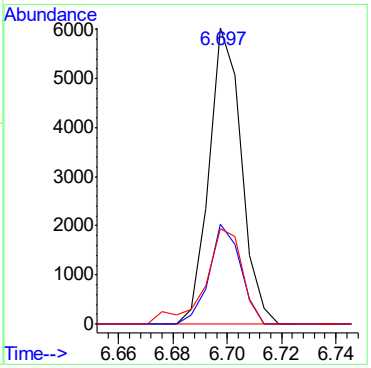


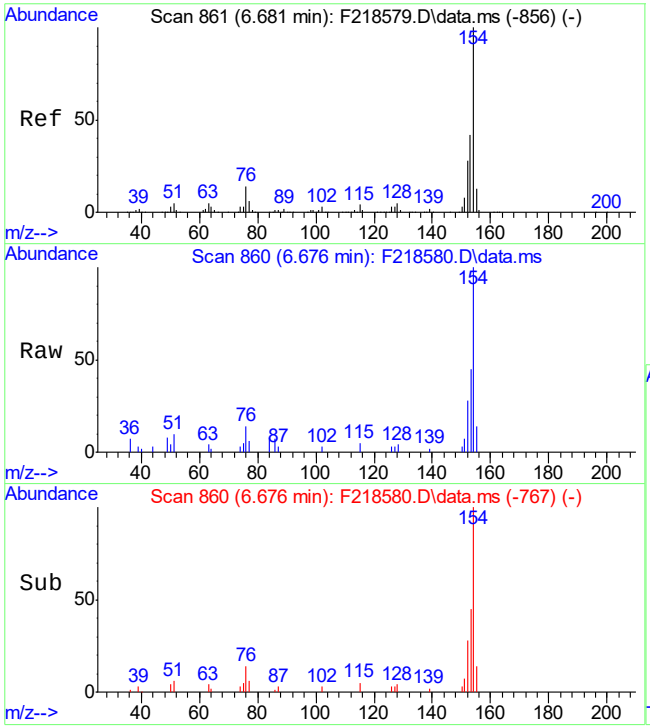


#52
2-Chloronaphthalene
Concen: 1.06 ppm
RT: 6.697 min Scan# 864
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:162 Resp: 4958

Ion	Ratio	Lower	Upper
162	100		
164	33.8	3.0	63.0
127	30.3	6.9	66.9

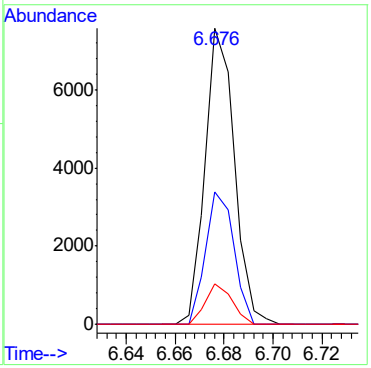


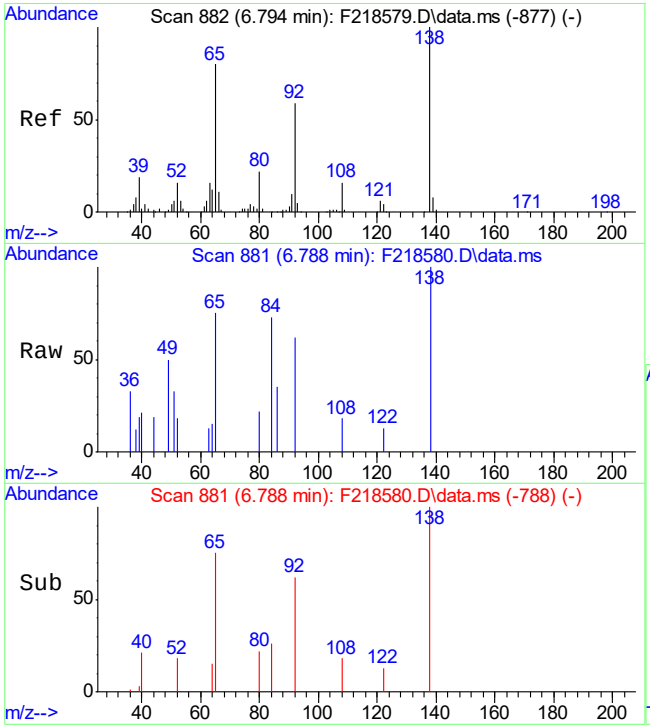


#53
Biphenyl
Concen: 1.06 ppm
RT: 6.676 min Scan# 860
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:154 Resp: 6312

Ion	Ratio	Lower	Upper
154	100		
153	44.7	12.0	72.0
155	13.7	0.0	42.7

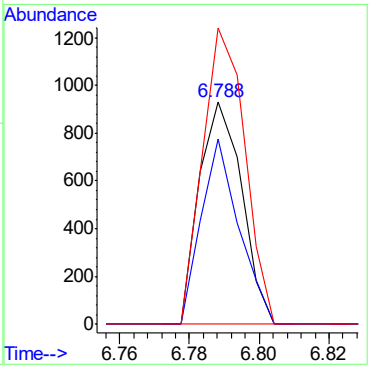


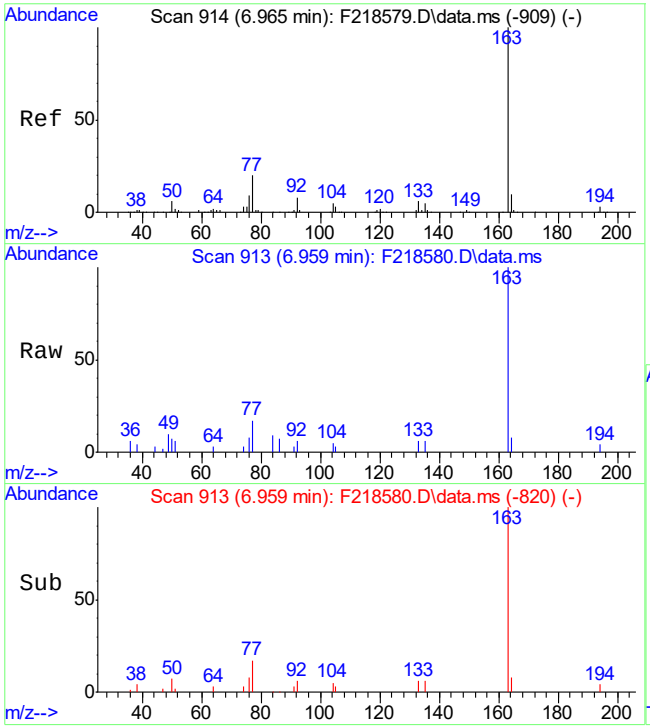


#54
2-Nitroaniline
Concen: 0.73 ppm
RT: 6.788 min Scan# 881
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 65 Resp: 785

Ion	Ratio	Lower	Upper
65	100		
92	83.3	43.2	103.2
138	133.4	94.6	154.6

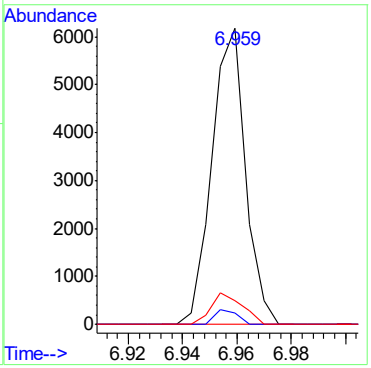


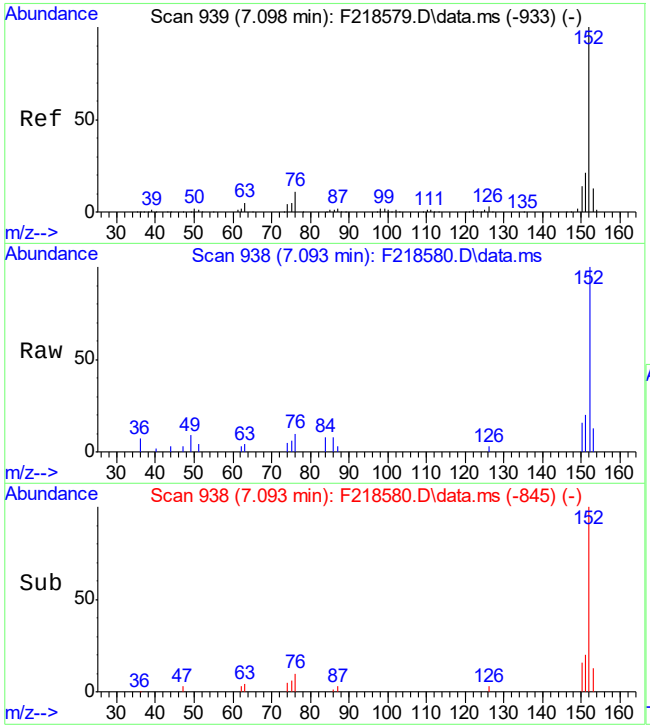


#55
Dimethylphthalate
Concen: 1.04 ppm
RT: 6.959 min Scan# 913
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:163 Resp: 5270

Ion	Ratio	Lower	Upper
163	100		
194	3.8	0.0	33.2
164	7.9	0.0	40.3

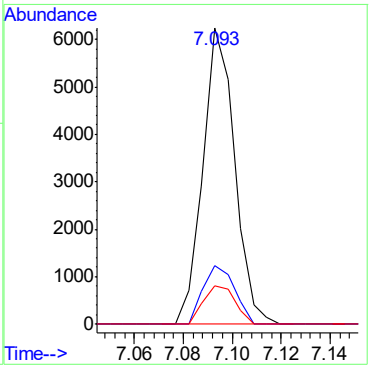


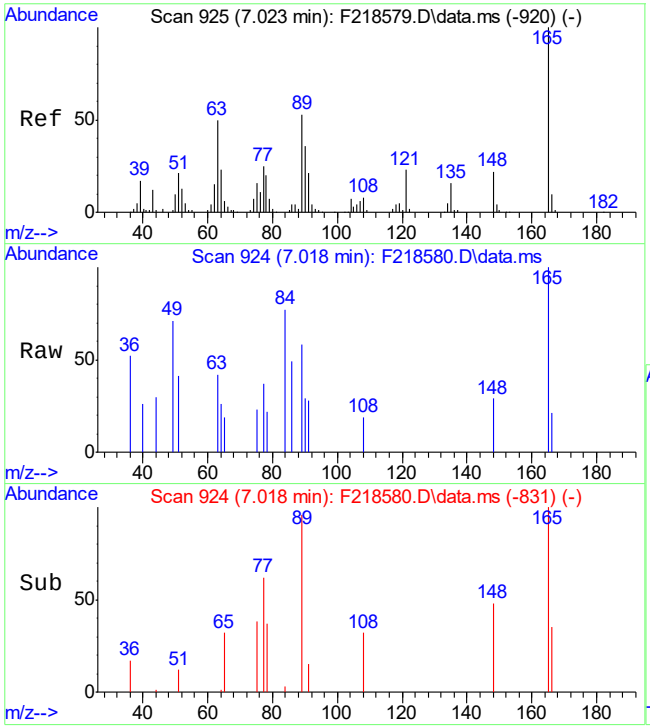


#56
Acenaphthylene
Concen: 1.01 ppm
RT: 7.093 min Scan# 938
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:152 Resp: 5634

Ion	Ratio	Lower	Upper
152	100		
151	19.8	0.0	50.5
153	12.9	0.0	43.0

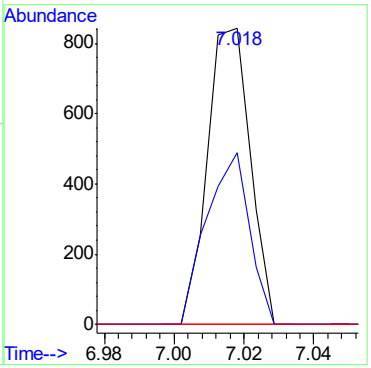


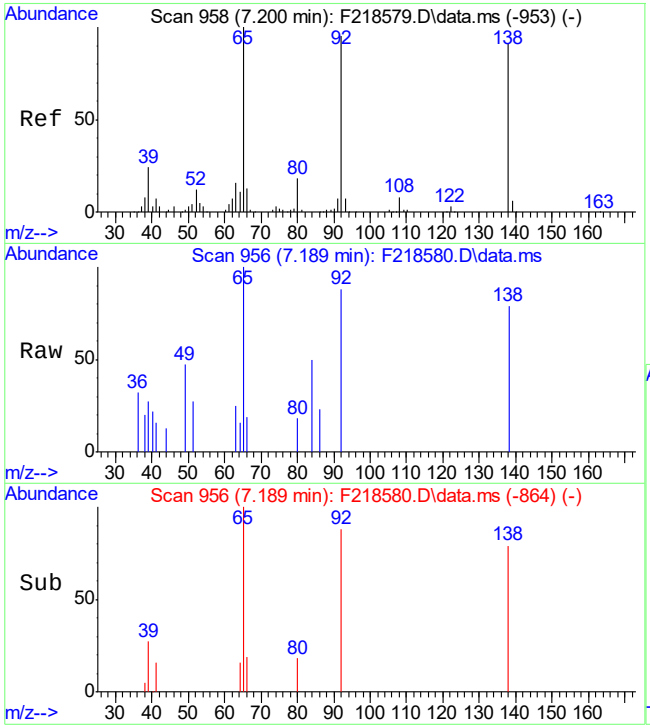


#57
2,6-Dinitrotoluene
Concen: 0.71 ppm
RT: 7.018 min Scan# 924
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:165 Resp: 719

Ion	Ratio	Lower	Upper
165	100		
89	57.9	23.2	83.2
121	0.0	0.0	52.8

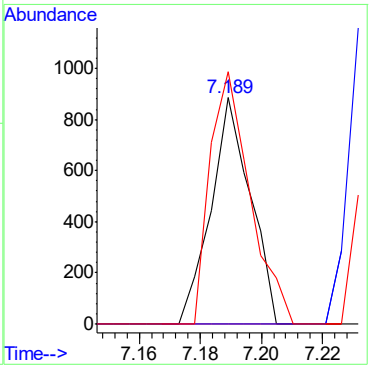


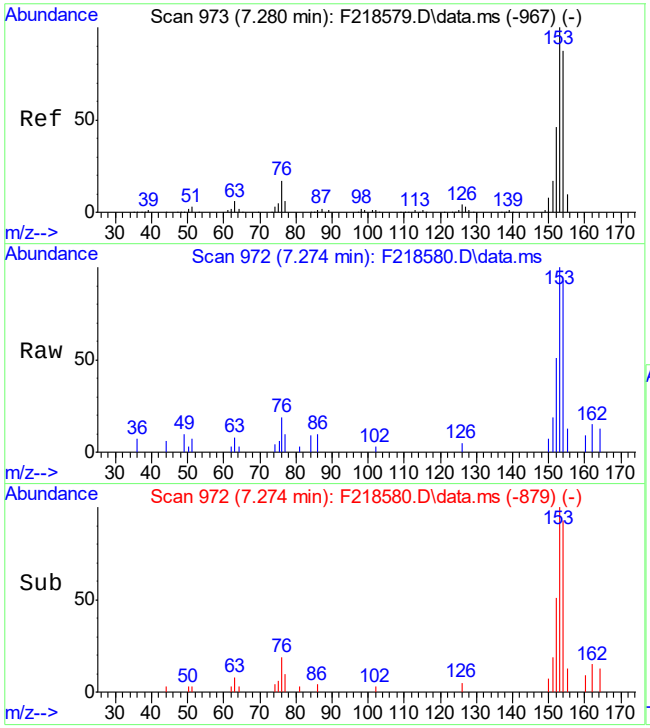


#58
3-Nitroaniline
Concen: 0.64 ppm
RT: 7.189 min Scan# 956
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:138 Resp: 793

Ion	Ratio	Lower	Upper
138	100		
108	0.0	0.0	38.0
92	111.4	74.4	134.4

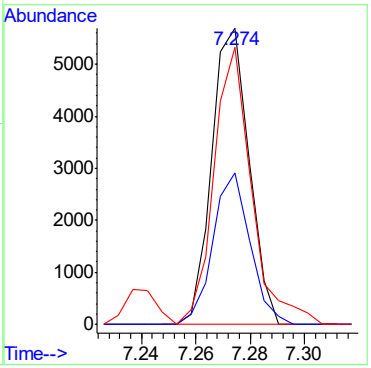


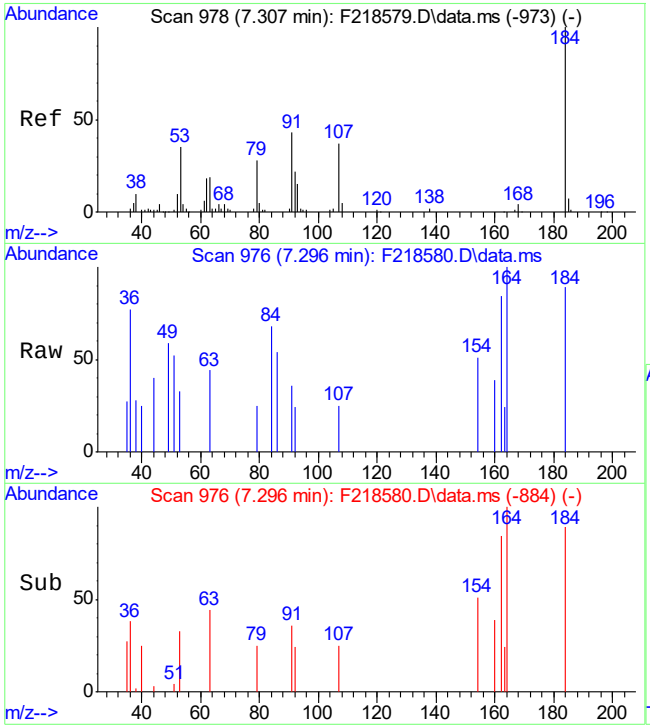


#59
Acenaphthene
Concen: 1.06 ppm
RT: 7.274 min Scan# 972
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:153 Resp: 5416

Ion	Ratio	Lower	Upper
153	100		
152	51.2	16.3	76.3
154	88.3	57.4	117.4

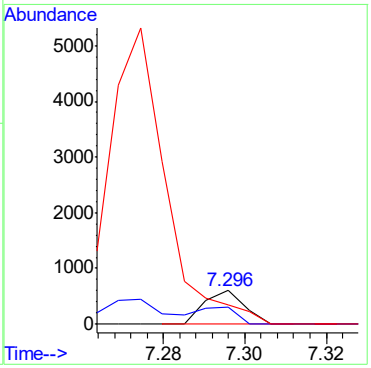


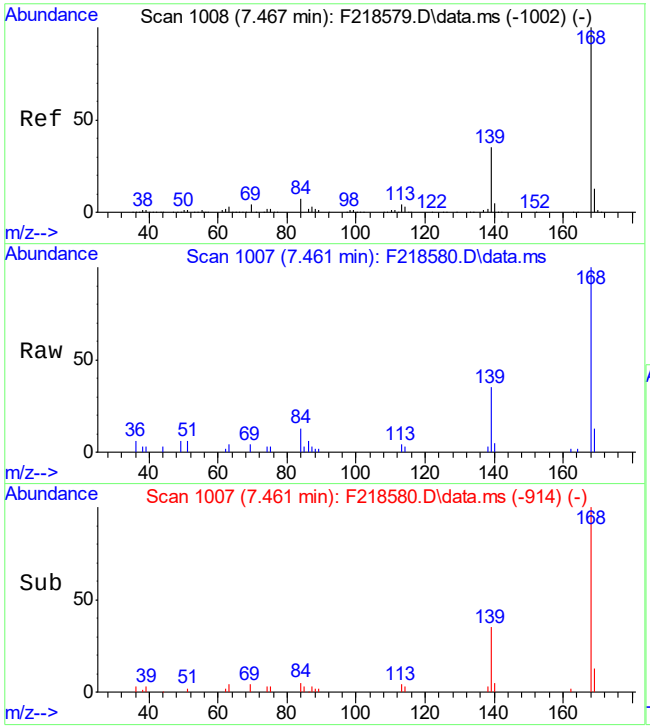


#60
2,4-Dinitrophenol
Concen: 0.86 ppm
RT: 7.296 min Scan# 976
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:184 Resp: 403

Ion	Ratio	Lower	Upper
184	100		
63	34.1	0.0	60.0
154	0.0	0.0	30.0

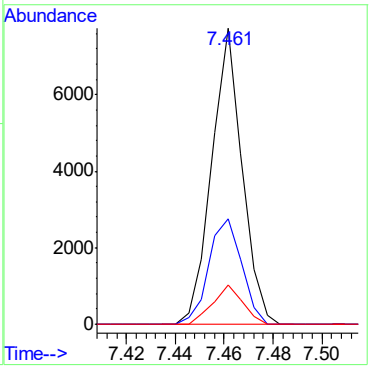


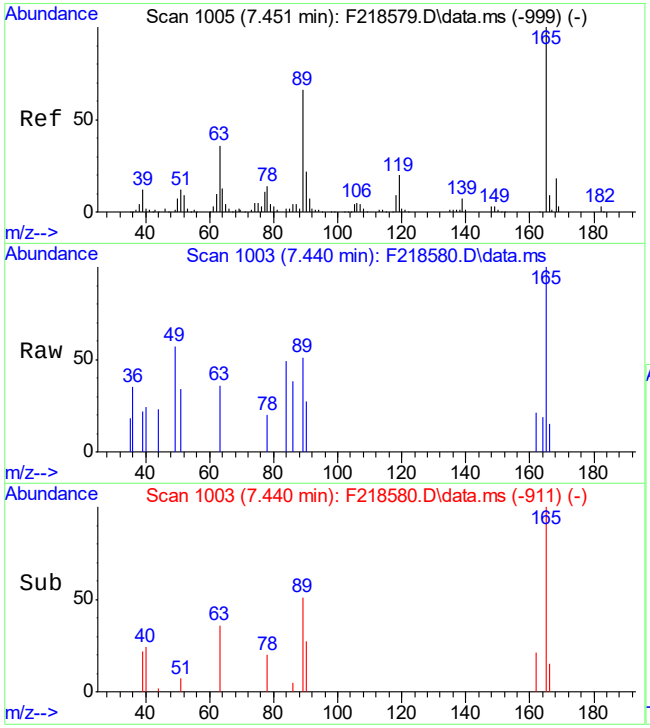


#62
Dibenzofuran
Concen: 1.02 ppm
RT: 7.461 min Scan# 1007
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:168 Resp: 6686

Ion	Ratio	Lower	Upper
168	100		
139	35.5	5.2	65.2
169	13.3	0.0	43.3

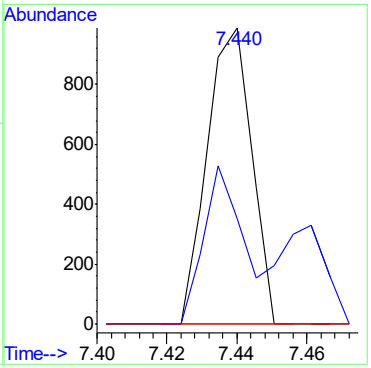


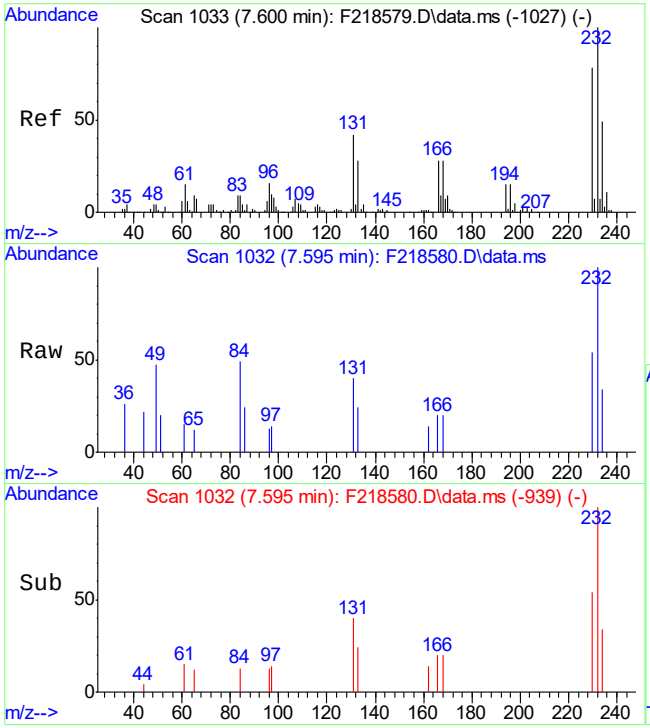


#63
2,4-Dinitrotoluene
Concen: 0.65 ppm
RT: 7.440 min Scan# 1003
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:165 Resp: 873

Ion	Ratio	Lower	Upper
165	100		
63	20.6	6.1	66.1
182	0.0	0.0	32.6

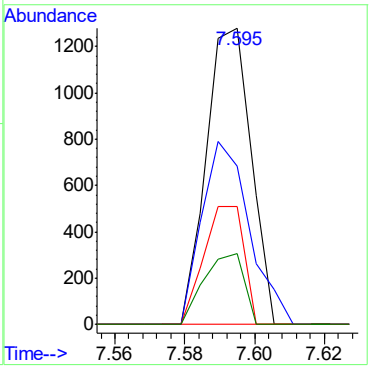


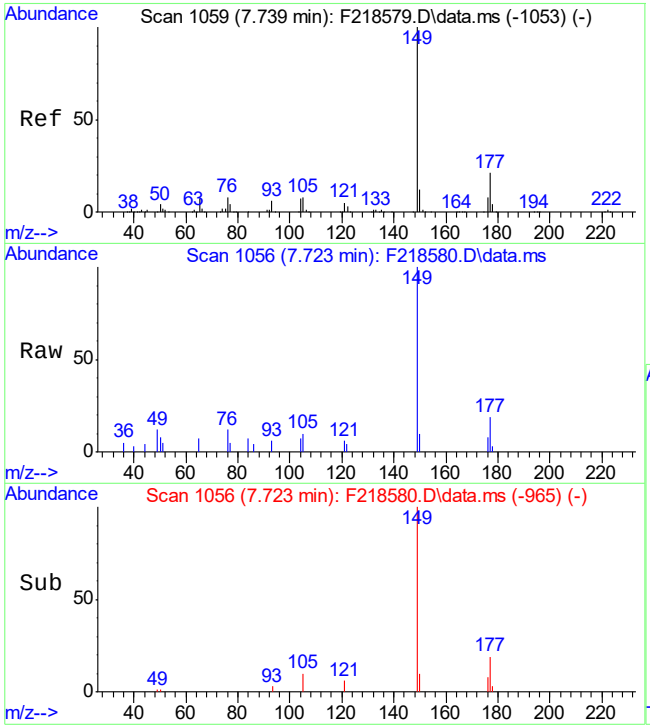


#64
2,3,4,6-Tetrachlorophenol
Concen: 0.91 ppm
RT: 7.595 min Scan# 1032
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:232 Resp: 1138

Ion	Ratio	Lower	Upper
232	100		
230	53.6	48.4	108.4
131	39.6	11.7	71.7
133	23.8	0.0	57.9

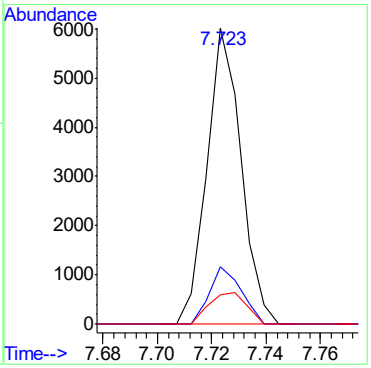


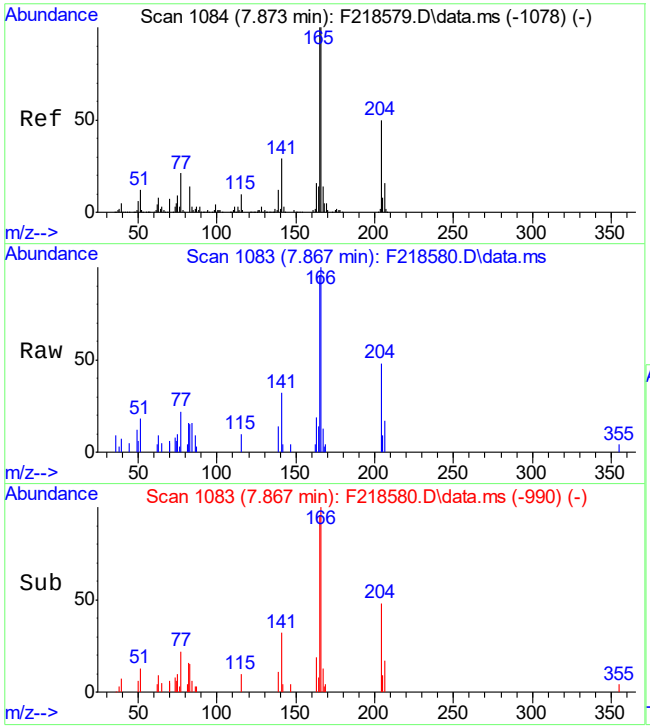


#65
Diethylphthalate
Concen: 1.01 ppm
RT: 7.723 min Scan# 1056
Delta R.T. -0.016 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:149 Resp: 5215

Ion	Ratio	Lower	Upper
149	100		
177	19.4	0.0	50.6
150	9.7	0.0	42.0

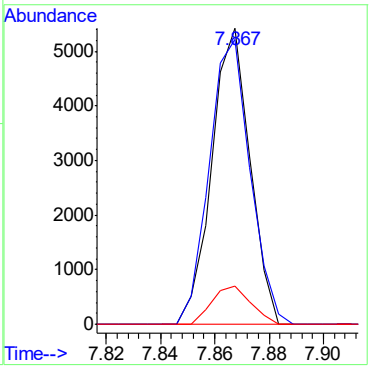


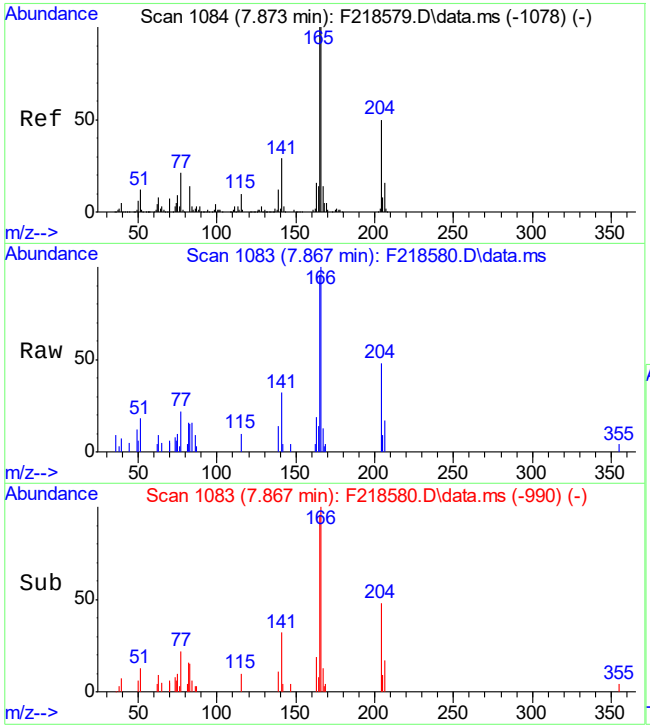


#66
Fluorene
Concen: 1.02 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:166 Resp: 5272

Ion	Ratio	Lower	Upper
166	100		
165	96.3	69.8	129.8
167	12.7	0.0	43.7

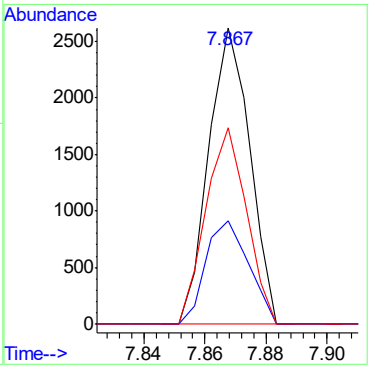


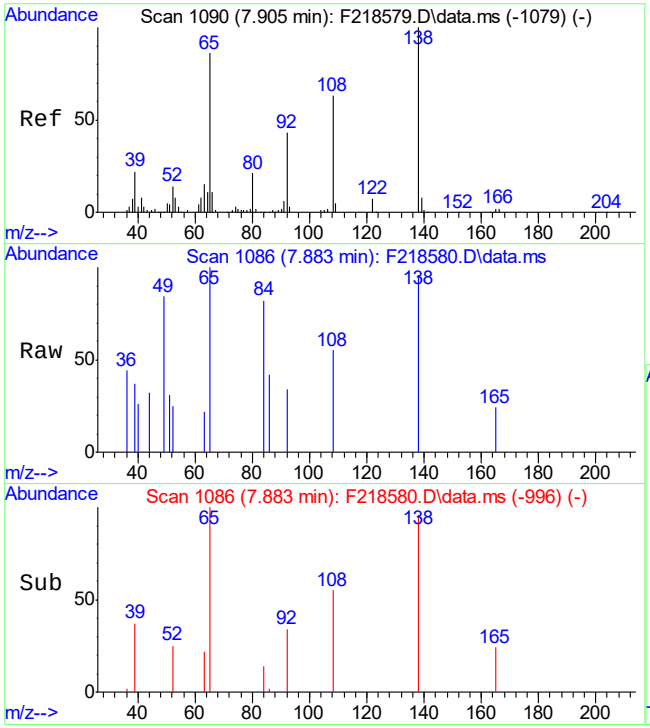


#67
4-Chlorophenyl-phenylether
Concen: 1.02 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:204 Resp: 2443

Ion	Ratio	Lower	Upper
204	100		
206	34.7	2.1	62.1
141	66.4	26.8	86.8

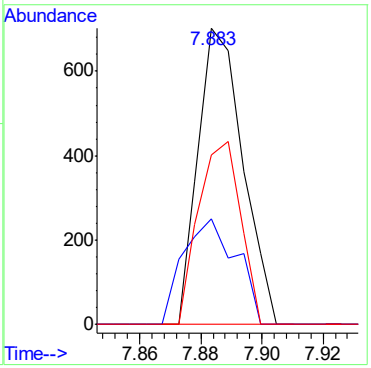


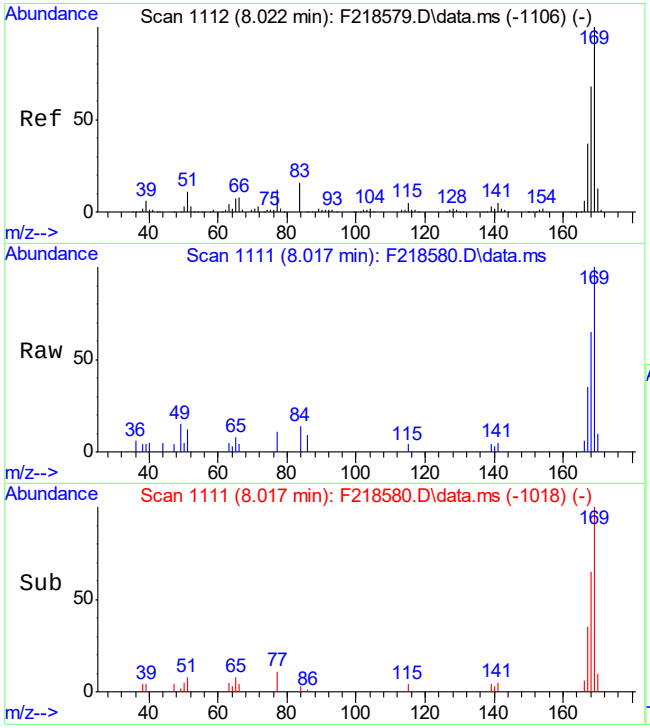


#68
4-Nitroaniline
Concen: 0.54 ppm
RT: 7.883 min Scan# 1086
Delta R.T. -0.021 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:138 Resp: 711

Ion	Ratio	Lower	Upper
138	100		
92	35.8	13.3	73.3
108	57.3	32.8	92.8

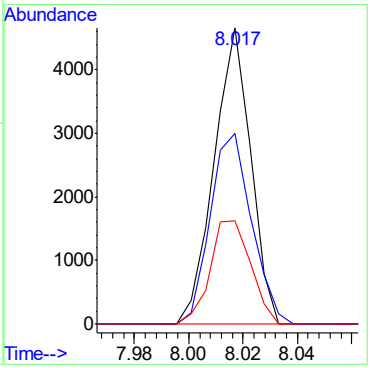


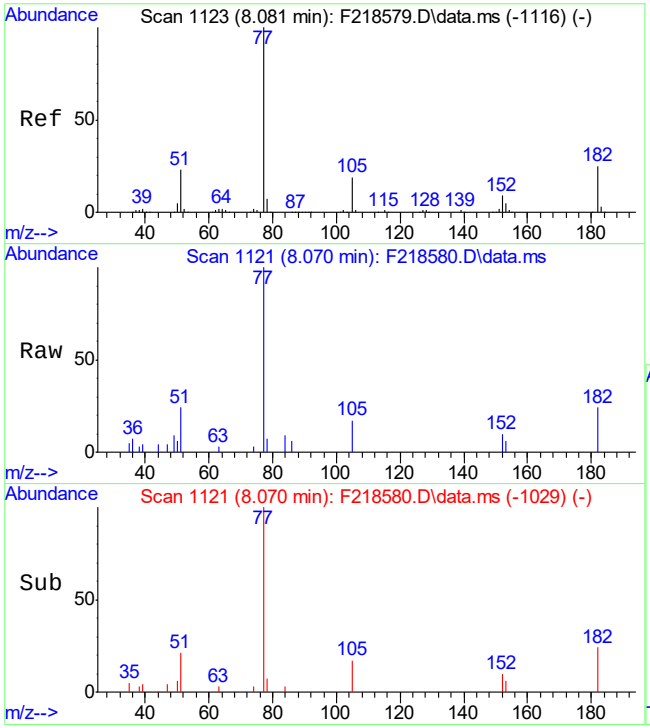


#71
n-Nitrosodiphenylamine
Concen: 1.01 ppm
RT: 8.017 min Scan# 1111
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:169 Resp: 4353

Ion	Ratio	Lower	Upper
169	100		
168	64.5	37.7	97.7
167	34.7	7.1	67.1

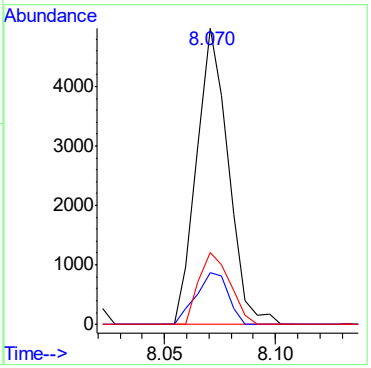


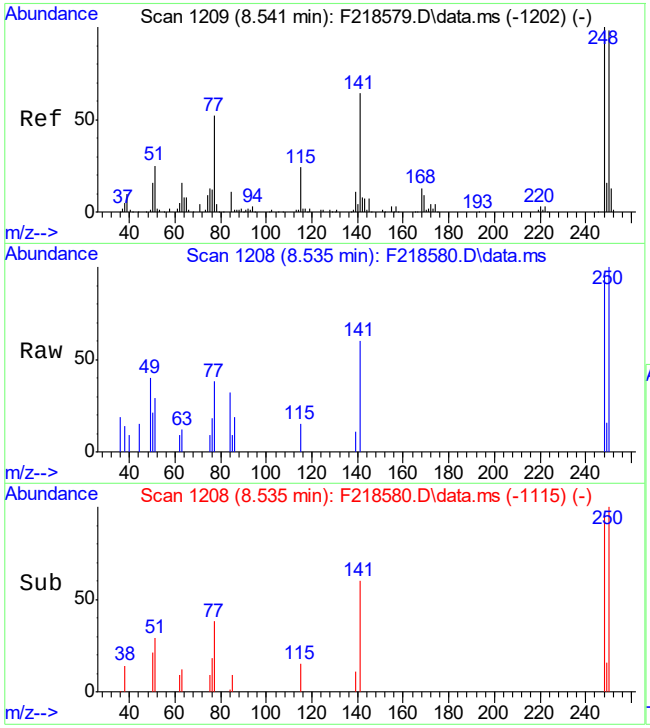


#72
1,2-Diphenylhydrazine
Concen: 1.02 ppm
RT: 8.070 min Scan# 1121
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 77 Resp: 4935

Ion	Ratio	Lower	Upper
77	100		
105	17.4	0.0	48.6
182	24.1	0.0	54.6

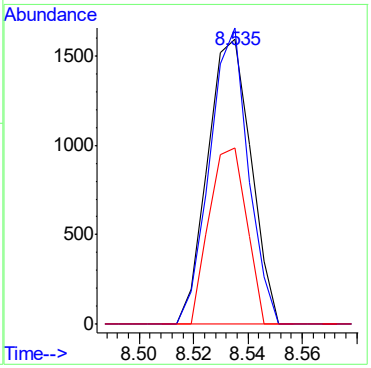


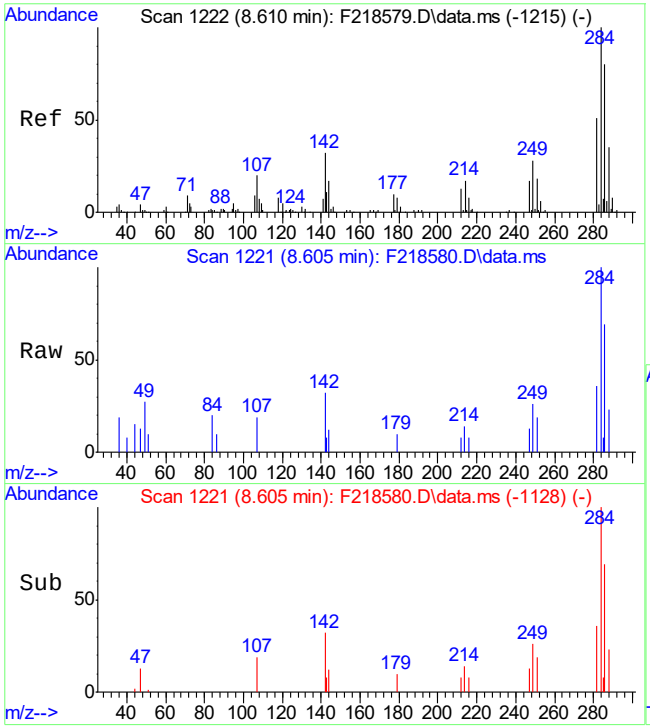


#74
4-Bromophenyl-phenylether
Concen: 1.18 ppm
RT: 8.535 min Scan# 1208
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:248 Resp: 1760

Ion	Ratio	Lower	Upper
248	100		
250	104.0	68.3	128.3
141	62.0	34.4	94.4

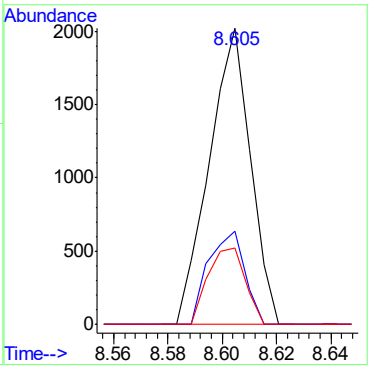


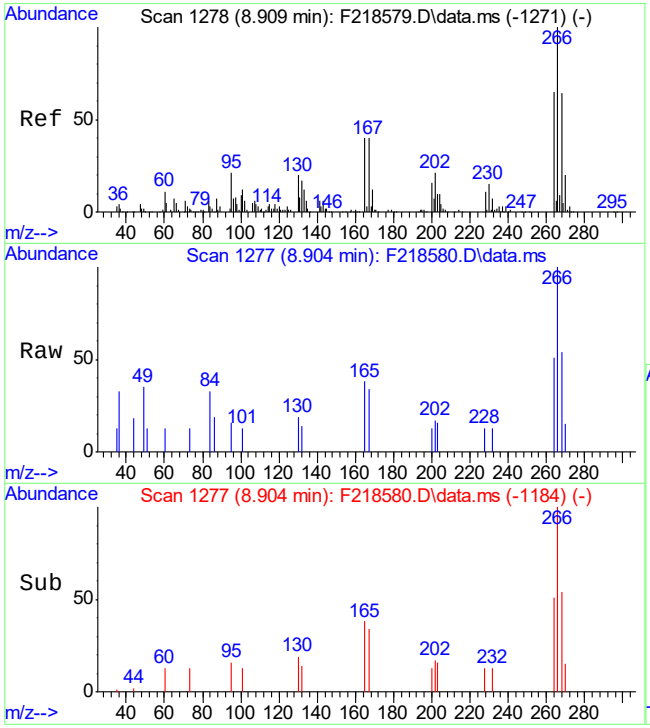


#75
Hexachlorobenzene
Concen: 1.15 ppm
RT: 8.605 min Scan# 1221
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:284 Resp: 2121

Ion	Ratio	Lower	Upper
284	100		
142	31.6	2.4	62.4
249	25.7	0.0	57.7

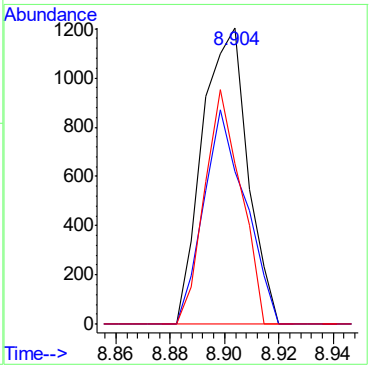


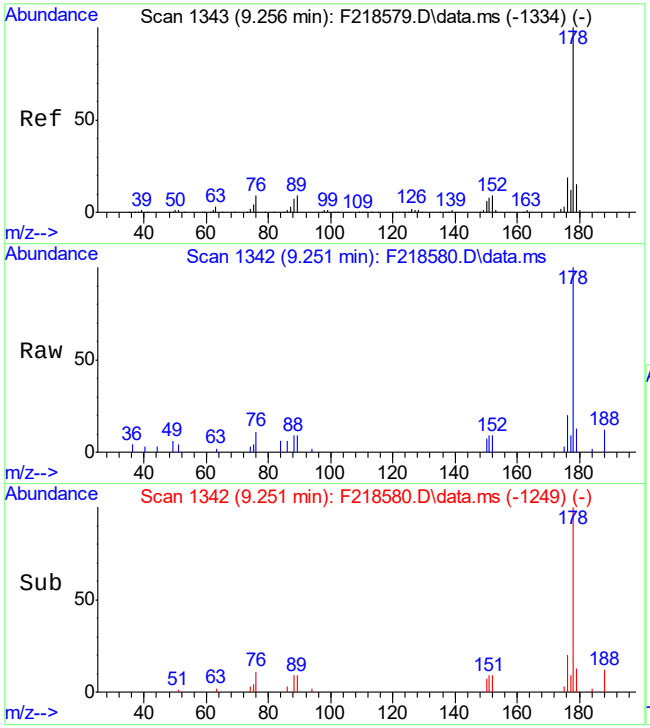


#76
Pentachlorophenol
Concen: 1.27 ppm
RT: 8.904 min Scan# 1277
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:266 Resp: 1391

Ion	Ratio	Lower	Upper
266	100		
264	51.5	34.7	94.7
268	54.3	33.8	93.8

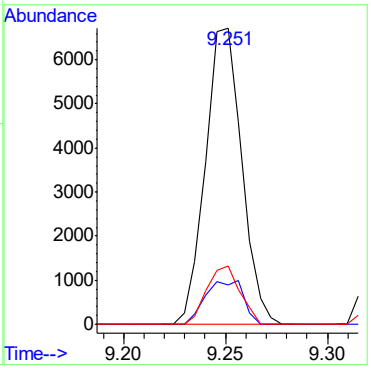


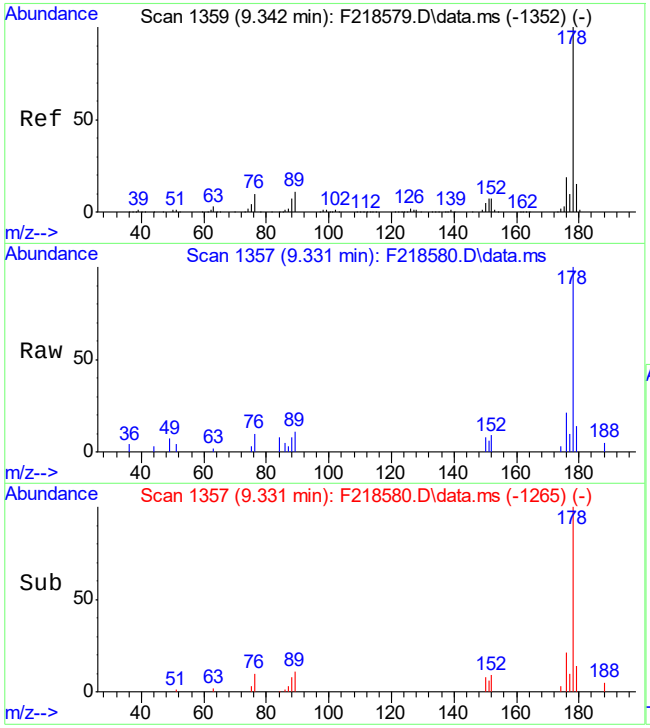


#77
Phenanthrene
Concen: 1.10 ppm
RT: 9.251 min Scan# 1342
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:178 Resp: 8322

Ion	Ratio	Lower	Upper
178	100		
179	13.4	0.0	45.2
176	19.6	0.0	48.7

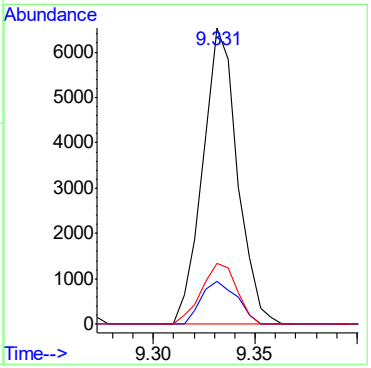


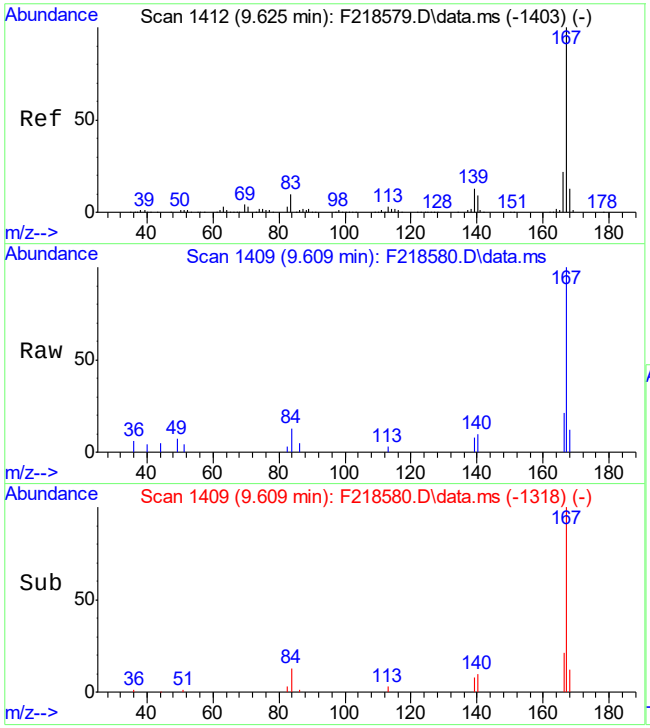


#78
Anthracene
Concen: 1.01 ppm
RT: 9.331 min Scan# 1357
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:178 Resp: 7701

Ion	Ratio	Lower	Upper
178	100		
179	14.3	0.0	45.2
176	20.6	0.0	48.6

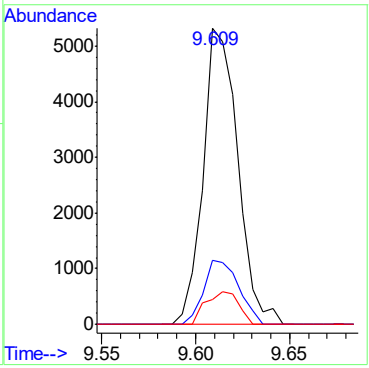


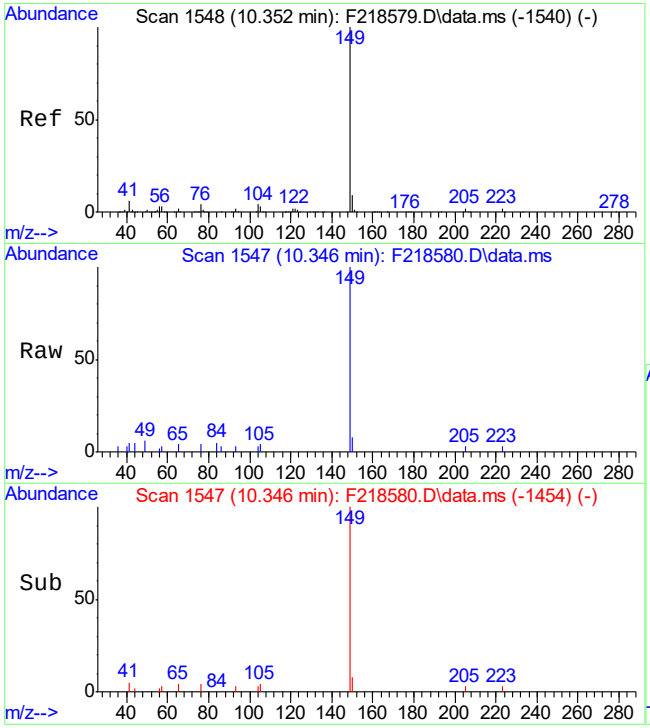


#79
Carbazole
Concen: 0.97 ppm
RT: 9.609 min Scan# 1409
Delta R.T. -0.016 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:167 Resp: 6785

Ion	Ratio	Lower	Upper
167	100		
166	21.5	0.0	52.1
139	8.3	0.0	42.7

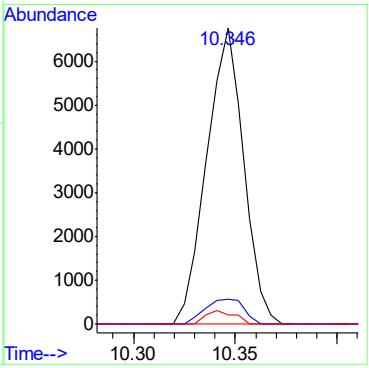


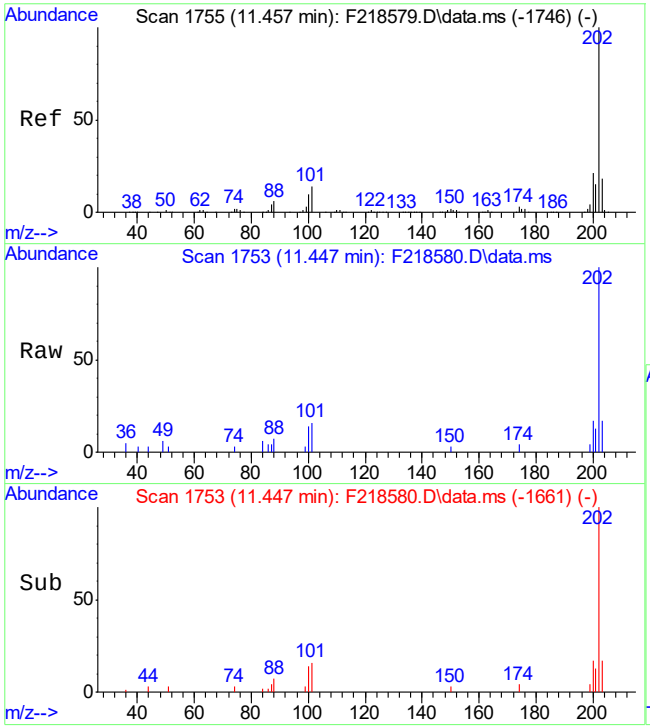


#80
Di-n-butylphthalate
Concen: 0.94 ppm
RT: 10.346 min Scan# 1547
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:149 Resp: 8505

Ion	Ratio	Lower	Upper
149	100		
150	8.5	0.0	39.1
104	3.3	0.0	34.5

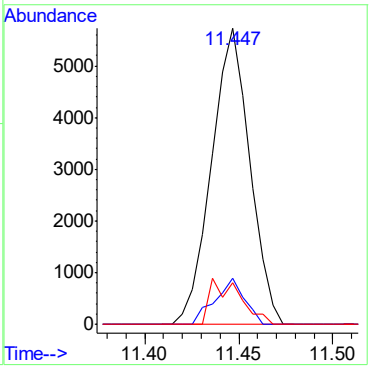


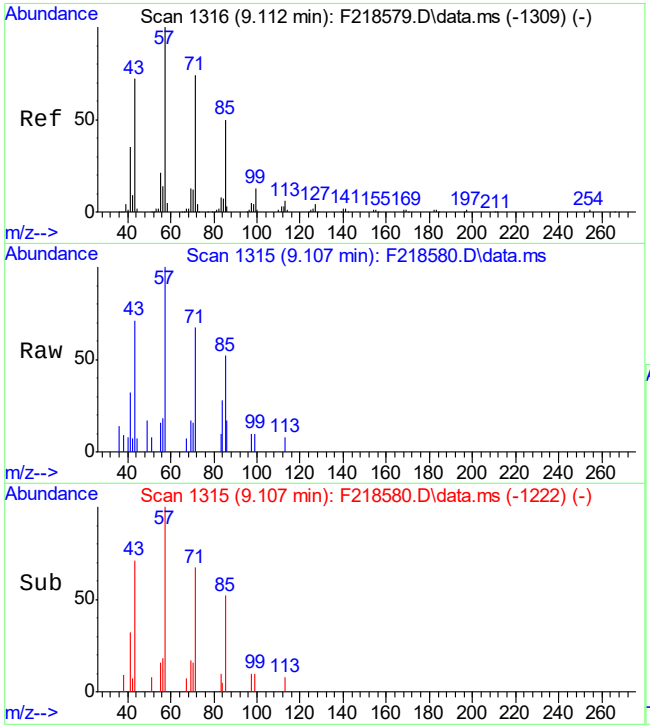


#81
Fluoranthene
Concen: 0.99 ppm
RT: 11.447 min Scan# 1753
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:202 Resp: 8081

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	43.8
100	14.0	0.0	40.4

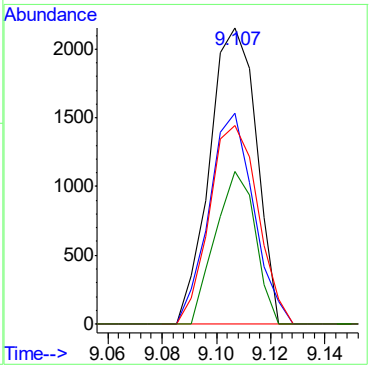


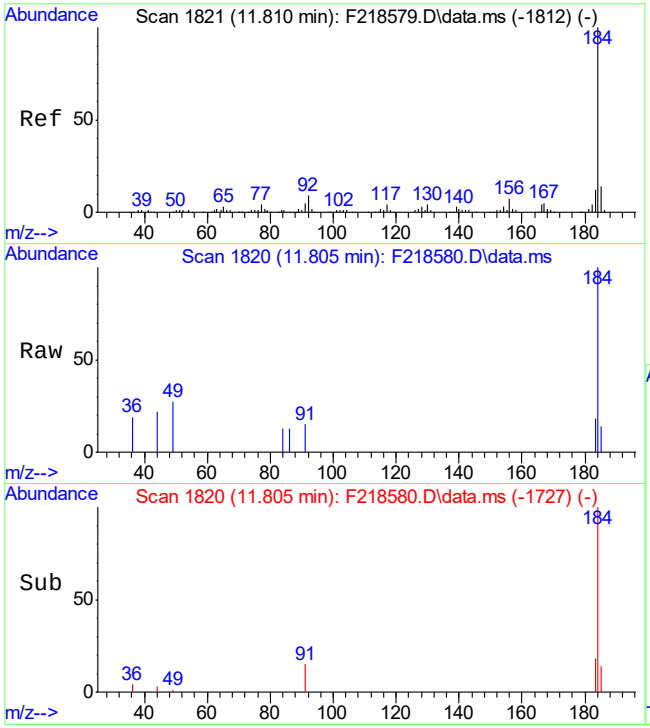


#82
Octadecane
Concen: 0.94 ppm
RT: 9.107 min Scan# 1315
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion: 57 Resp: 2565

Ion	Ratio	Lower	Upper
57	100		
43	71.3	42.0	102.0
71	67.2	43.7	103.7
85	51.6	20.3	80.3

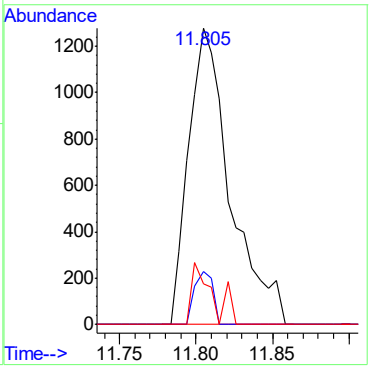


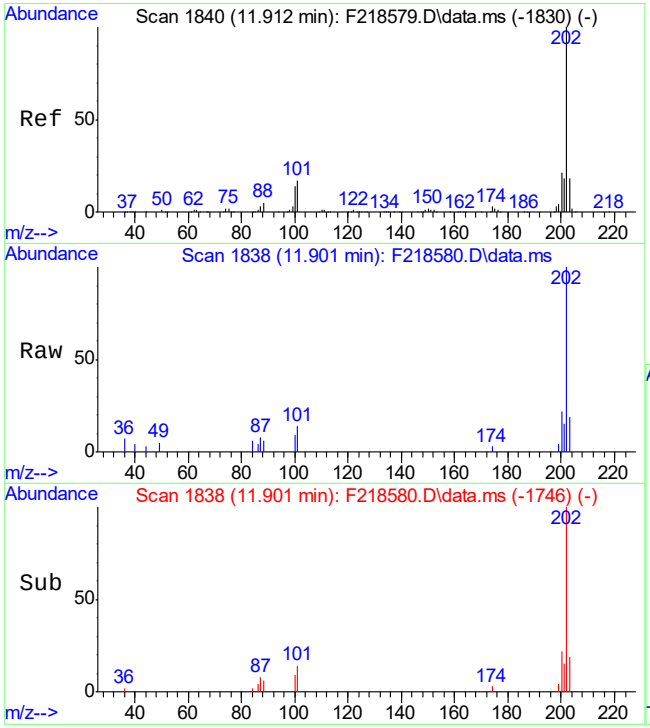


#84
Benzidine
Concen: 0.54 ppm
RT: 11.805 min Scan# 1820
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:184 Resp: 2423

Ion	Ratio	Lower	Upper
184	100		
183	17.9	0.0	61.9
185	13.7	0.0	63.7

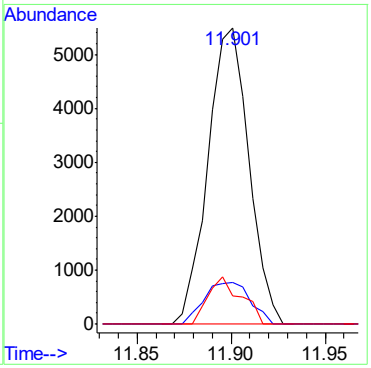


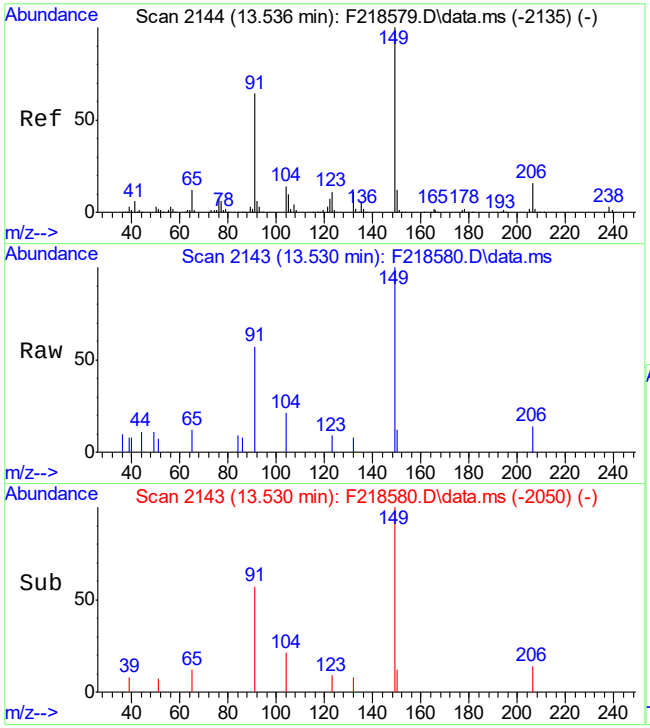


#85
Pyrene
Concen: 1.03 ppm
RT: 11.901 min Scan# 1838
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:202 Resp: 8280

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	46.8
100	9.3	0.0	44.1

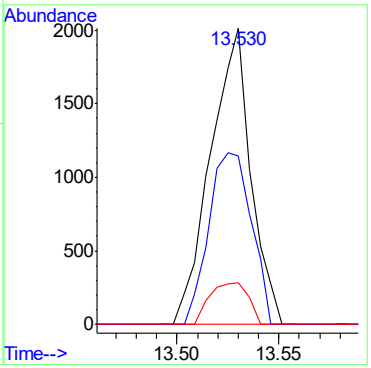


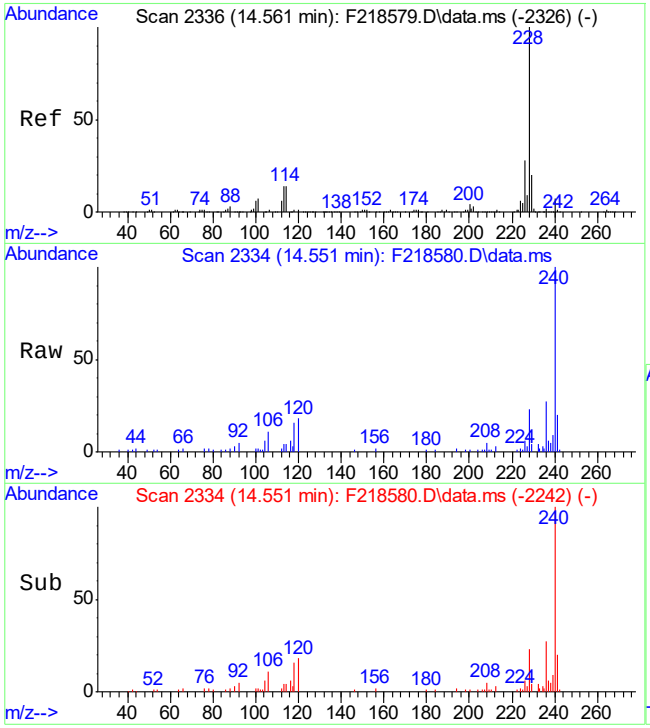


#87
Butylbenzylphthalate
Concen: 0.76 ppm
RT: 13.530 min Scan# 2143
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:149 Resp: 2770

Ion	Ratio	Lower	Upper
149	100		
91	56.7	34.1	94.1
206	13.9	0.0	46.0

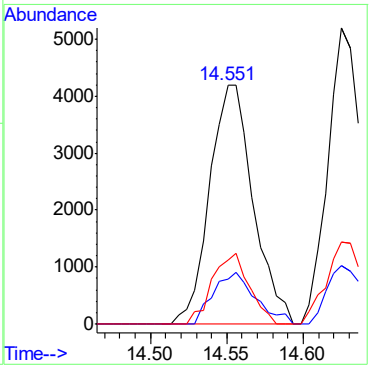


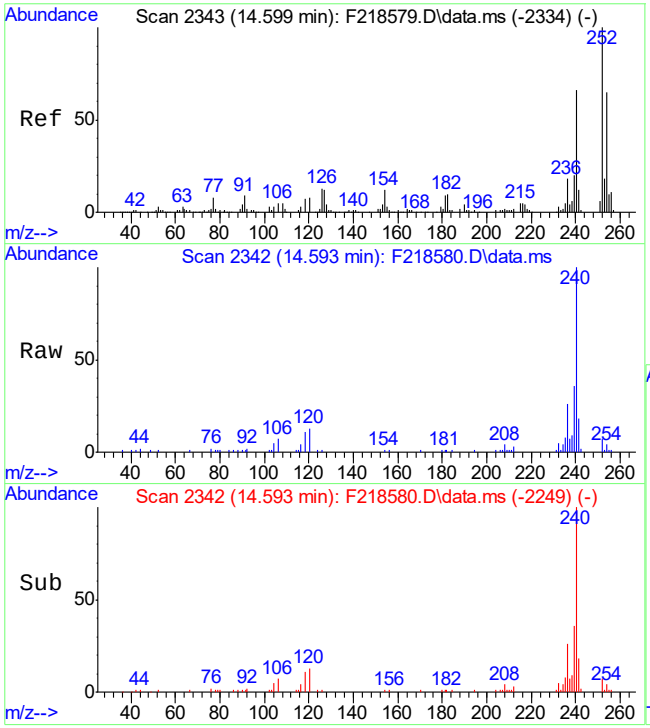


#88
Benzo[a]anthracene
Concen: 1.08 ppm
RT: 14.551 min Scan# 2334
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:228 Resp: 8326

Ion	Ratio	Lower	Upper
228	100		
229	19.0	0.0	50.4
226	26.7	0.0	57.6

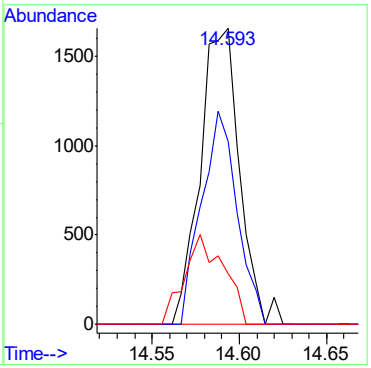


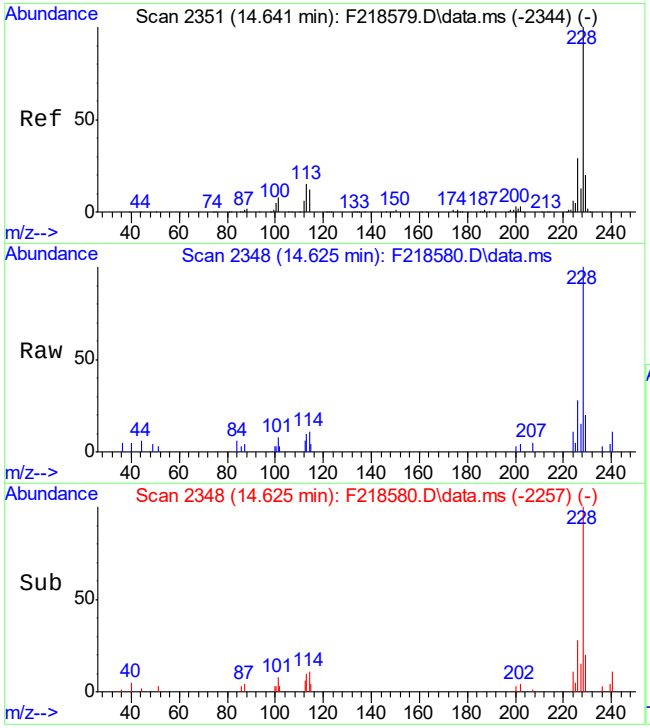


#89
3,3'-Dichlorobenzidine
Concen: 0.85 ppm
RT: 14.593 min Scan# 2342
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:252 Resp: 2613

Ion	Ratio	Lower	Upper
252	100		
254	61.6	34.6	94.6
126	17.1	0.0	43.3

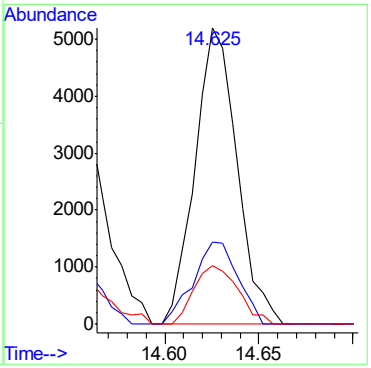


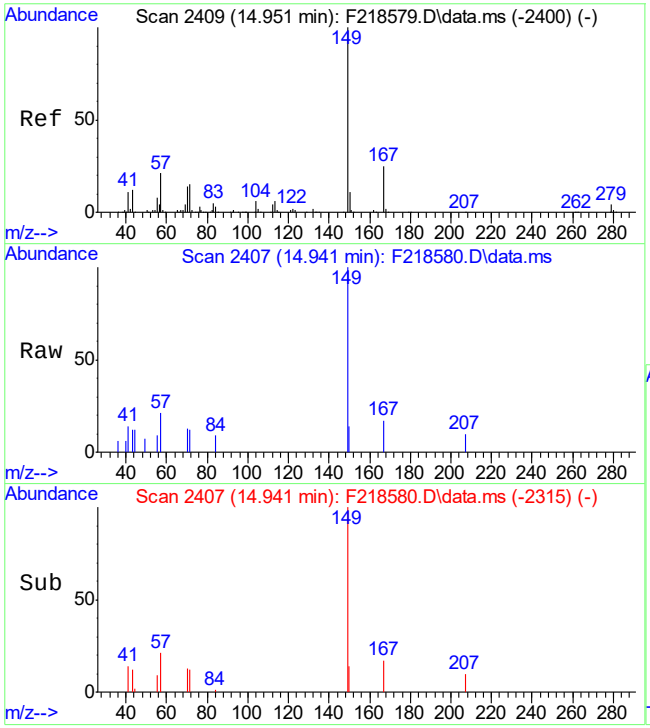


#90
Chrysene
Concen: 1.07 ppm
RT: 14.625 min Scan# 2348
Delta R.T. -0.016 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:228 Resp: 8036

Ion	Ratio	Lower	Upper
228	100		
226	27.9	0.0	58.8
229	19.6	0.0	49.7

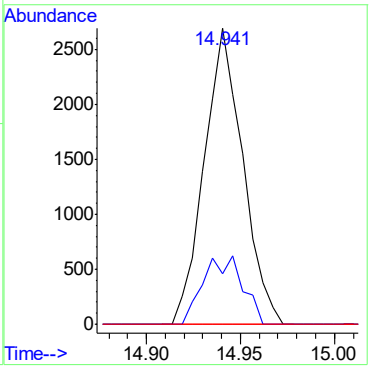


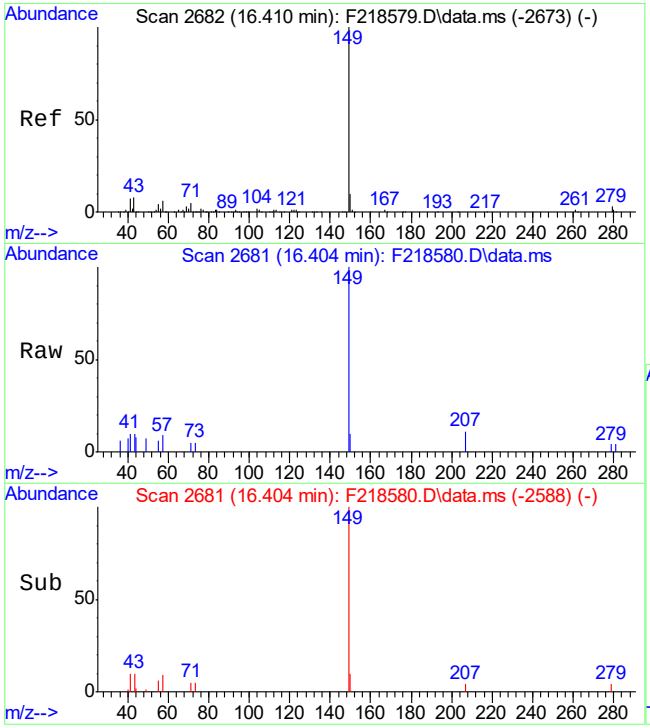


#91
bis(2-Ethylhexyl)phthalate
Concen: 0.69 ppm
RT: 14.941 min Scan# 2407
Delta R.T. -0.011 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:149 Resp: 3826

Ion	Ratio	Lower	Upper
149	100		
167	17.2	0.0	55.1
279	0.0	0.0	33.8

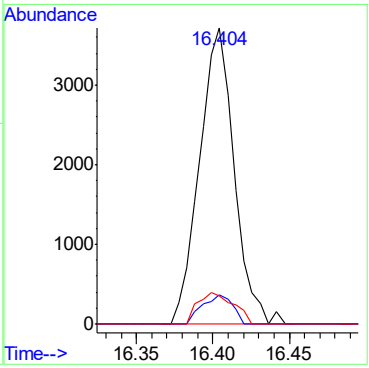


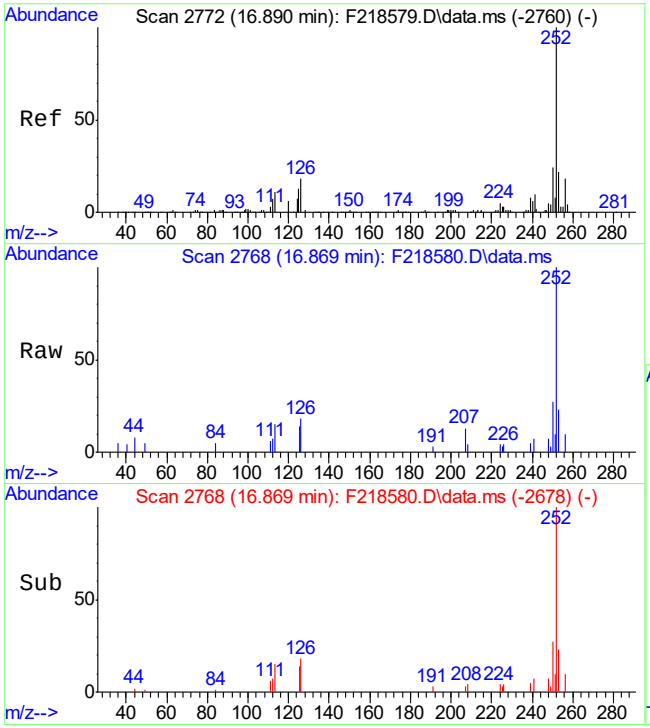


#93
Di-n-octylphthalate
Concen: 0.58 ppm
RT: 16.404 min Scan# 2681
Delta R.T. -0.005 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:149 Resp: 5841

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	39.5
43	9.5	0.0	37.6

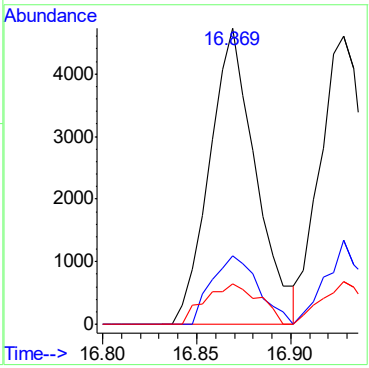


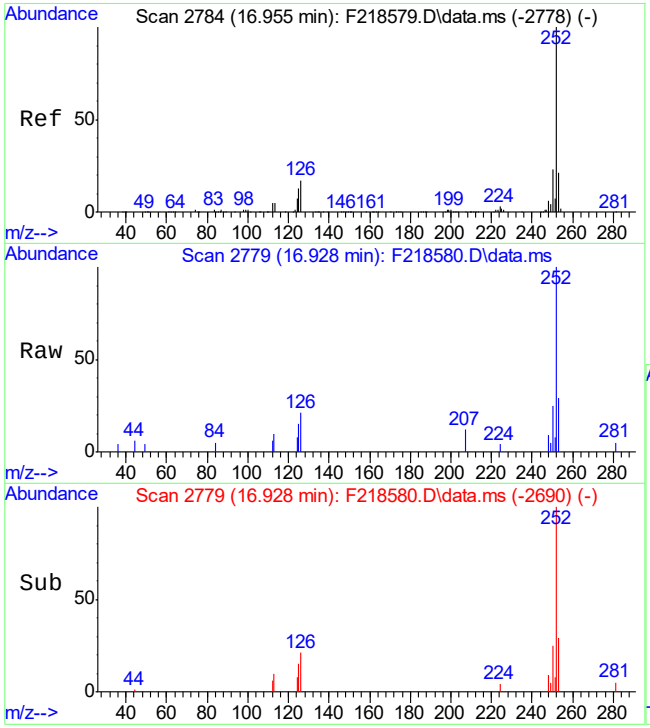


#94
Benzo[b]fluoranthene
Concen: 0.89 ppm
RT: 16.869 min Scan# 2768
Delta R.T. -0.021 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:252 Resp: 8064

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	51.6
125	14.6	0.0	43.1

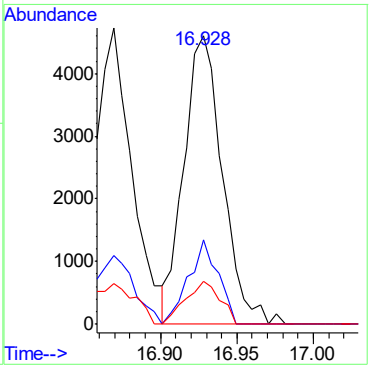


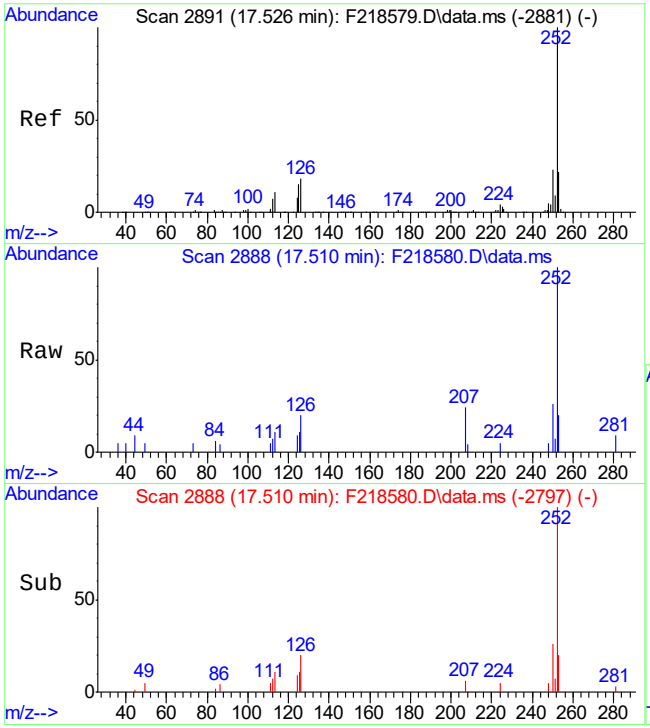


#95
Benzo[k]fluoranthene
Concen: 0.97 ppm
RT: 16.928 min Scan# 2779
Delta R.T. -0.027 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:252 Resp: 8073

Ion	Ratio	Lower	Upper
252	100		
253	31.4	0.0	51.4
125	15.9	0.0	43.5

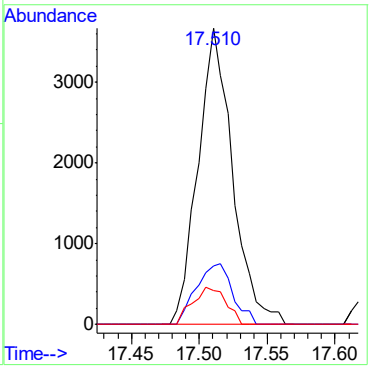


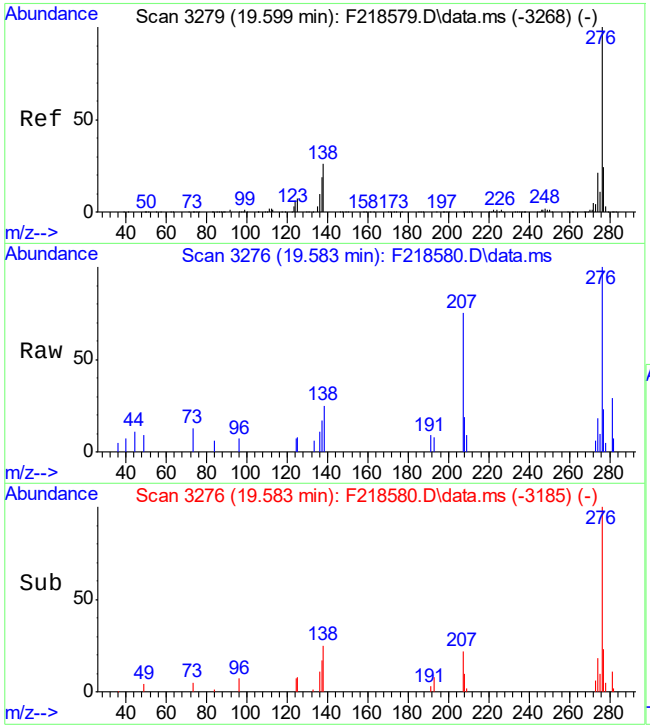


#96
Benzo[a]pyrene
Concen: 0.88 ppm
RT: 17.510 min Scan# 2888
Delta R.T. -0.016 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:252 Resp: 6508

Ion	Ratio	Lower	Upper
252	100		
253	19.6	0.0	51.8
125	11.5	0.0	45.1

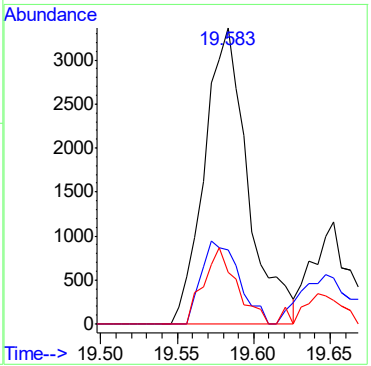


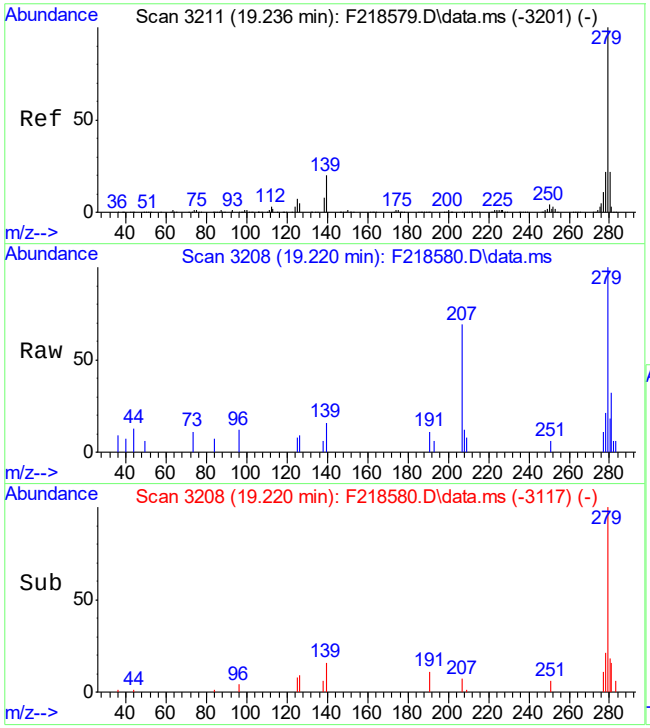


#97
Indeno[1,2,3-cd]pyrene
Concen: 0.86 ppm
RT: 19.583 min Scan# 3276
Delta R.T. -0.016 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:276 Resp: 6649

Ion	Ratio	Lower	Upper
276	100		
138	22.4	0.0	55.9
137	18.1	0.0	49.3

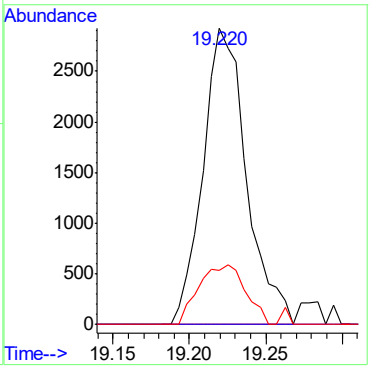


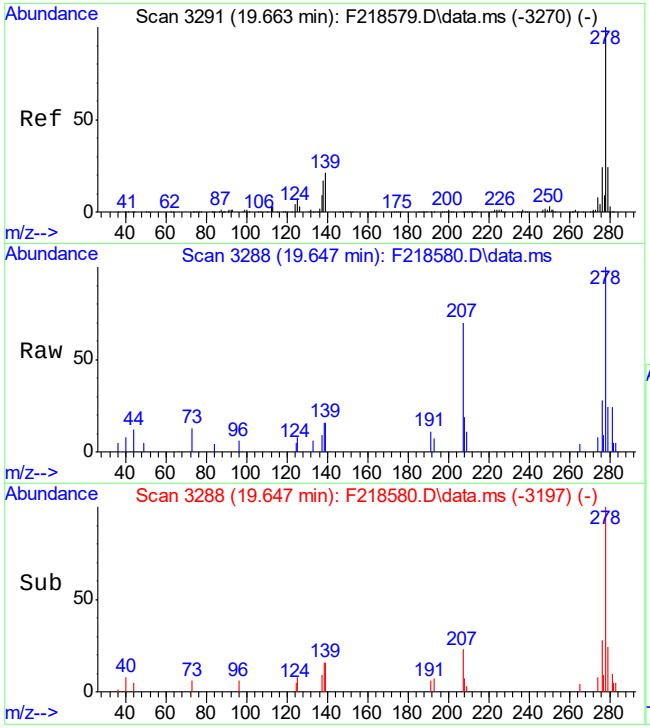


#98
Dibenz(a,h)acridine
Concen: 0.80 ppm
RT: 19.220 min Scan# 3208
Delta R.T. -0.016 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:279 Resp: 5786

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	18.2	0.0	52.5

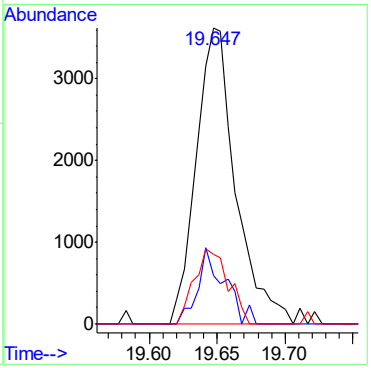


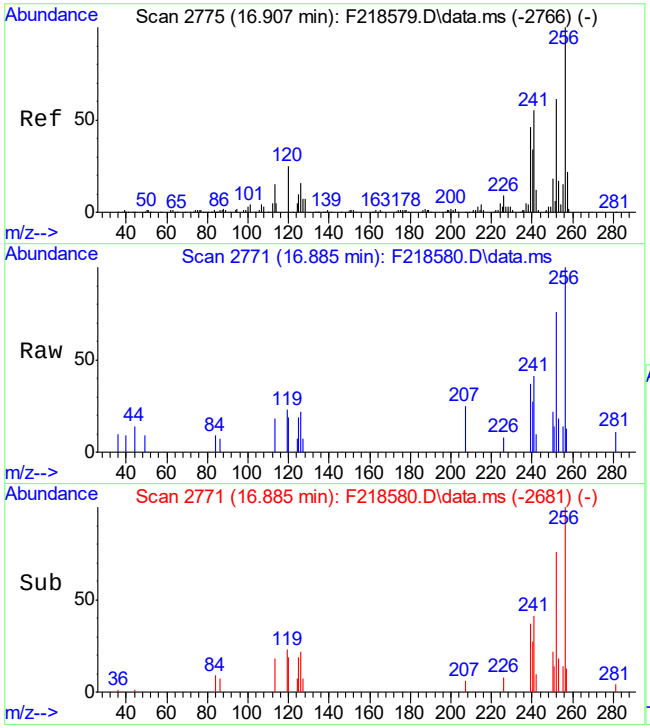


#99
Dibenz[a,h]anthracene
Concen: 0.82 ppm
RT: 19.647 min Scan# 3288
Delta R.T. -0.016 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:278 Resp: 7308

Ion	Ratio	Lower	Upper
278	100		
139	16.2	0.0	50.6
279	23.6	0.0	53.9

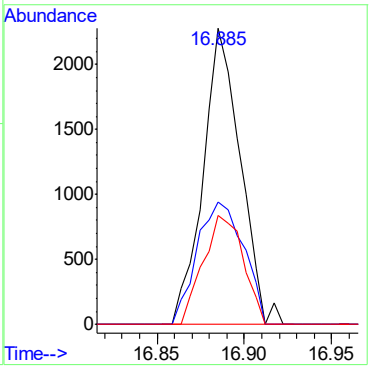


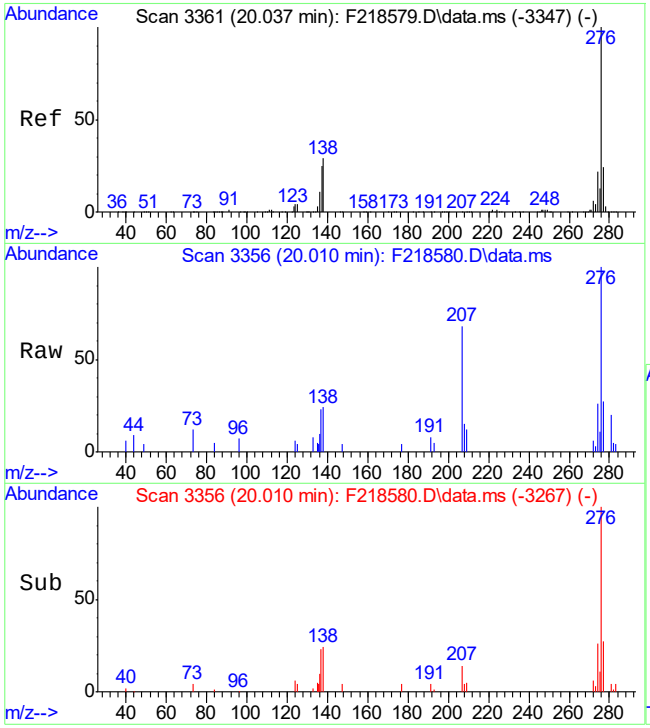


#100
7,12-Dimethylbenz(a)anthracene
Concen: 0.86 ppm
RT: 16.885 min Scan# 2771
Delta R.T. -0.021 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:256 Resp: 3379

Ion	Ratio	Lower	Upper
256	100		
241	41.3	24.8	84.8
239	36.8	16.4	76.4

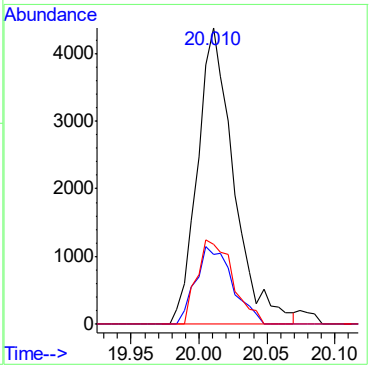




#101
Benzo[g,h,i]perylene
Concen: 0.92 ppm
RT: 20.010 min Scan# 3356
Delta R.T. -0.027 min
Lab File: F218580.D
Acq: 24 Jan 2024 12:11 pm

Tgt Ion:276 Resp: 8130

Ion	Ratio	Lower	Upper
276	100		
138	24.1	0.0	58.6
277	27.6	0.0	53.9



Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya
01/29/24 19:23

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218581.D
Acq On : 24 Jan 2024 12:37 pm
Operator : ninap
Sample : ic9690-2
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 10:02:56 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	76343	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	297376	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	161730	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	303721	40.00	ppm	0.00
83) Chrysene-d12	14.572	240	268506	40.00	ppm	-0.02
92) Perylene-d12	17.638	264	328676	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	76343	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	297376	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	161730	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	303721	40.00	ppm	0.00
147) Chrysene-d12A	14.572	240	268506	40.00	ppm	-0.02
154) Perylene-d12A	17.638	264	328676	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	76343	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	303721	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	297376	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	297376	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	76343	40.00	ppm	0.00
169) Chrysene-d12c	14.572	240	268506	40.00	ppm	-0.02
171) Chrysene-d12d	14.572	240	268506	40.00	ppm	-0.02
173) Naphthalene-d8d	5.757	136	297376	40.00	ppm	0.00
175) Chrysene-d12e	14.572	240	268506	40.00	ppm	-0.02
177) Perylene-d12b	17.638	264	328676	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	297376	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.957	112	4266	2.07	ppm	0.00
Spiked Amount 50.000			Recovery = 4.14%			
8) Phenol-d5	4.587	99	4672	1.92	ppm	0.00
Spiked Amount 50.000			Recovery = 3.84%			
25) Nitrobenzene-d5	5.250	82	4189	1.95	ppm	0.00
Spiked Amount 50.000			Recovery = 3.90%			
51) 2-Fluorobiphenyl	6.591	172	10287	2.01	ppm	0.00
Spiked Amount 50.000			Recovery = 4.02%			
73) 2,4,6-Tribromophenol	8.172	330	1608	1.77	ppm	-0.01
Spiked Amount 50.000			Recovery = 3.54%			
86) Terphenyl-d14	12.339	244	12359	1.96	ppm	-0.01
Spiked Amount 50.000			Recovery = 3.92%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.830	88	2101	2.45	ppm	91
3) Pyridine	3.081	79	4706	1.96	ppm	94
4) N-Nitrosodimethylamine	3.043	42	1278m	1.74	ppm	
6) Indene	5.047	116	7873	2.10	ppm	92
7) Cumene	4.320	105	9843	2.10	ppm	98
9) Phenol	4.598	94	5378	2.04	ppm	93
10) Aniline	4.635	93	6829	2.05	ppm	98
11) bis(2-Chloroethyl)ether	4.673	93	4152	2.09	ppm	95
12) 2-Chlorophenol	4.715	128	4615	2.02	ppm	97
13) Decane	4.742	43	4042	2.12	ppm	95

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218581.D
Acq On : 24 Jan 2024 12:37 pm
Operator : ninap
Sample : ic9690-2
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 10:02:56 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
14) 1,3-Dichlorobenzene	4.828	146	5643	2.14	ppm	100
15) 1,4-Dichlorobenzene	4.876	146	5743	2.12	ppm	97
16) Benzyl alcohol	4.951	108	2742	1.88	ppm	96
17) 1,2-Dichlorobenzene	4.983	146	5244	2.05	ppm	98
18) Acetophenone	5.143	105	6498	2.04	ppm	78
19) 2-Methylphenol	5.020	108	4129	2.05	ppm	98
20) 2,2'-oxybis(1-Chloropr...	5.047	121	1196	1.91	ppm	87
21) 3&4-Methylphenol	5.121	108	8398	3.97	ppm	90
22) n-Nitroso-di-n-propyla...	5.132	70	2988	1.96	ppm	98
23) Hexachloroethane	5.223	201	1912	2.12	ppm	91
26) Nitrobenzene	5.260	77	4147	1.86	ppm	98
27) Quinoline	6.019	129	8710	1.96	ppm	98
28) Isophorone	5.426	82	8183	2.04	ppm	95
29) 2-Nitrophenol	5.485	139	1700	1.57	ppm	81
30) 2,4-Dimethylphenol	5.501	107	4232	1.91	ppm	88
32) bis(2-Chloroethoxy)met...	5.570	93	5227	2.02	ppm	94
33) 2,4-Dichlorophenol	5.645	162	3805	1.99	ppm	95
34) 2,6-Dichlorophenol	5.811	162	3744	1.94	ppm	95
35) 1,3,5-Trichlorobenzene	5.490	180	4877	2.16	ppm	96
36) 1,2,4-Trichlorobenzene	5.714	180	4627	2.13	ppm	96
37) 1,2,3-Trichlorobenzene	5.869	180	4445	2.09	ppm	98
38) Naphthalene	5.773	128	15498	2.22	ppm	95
39) 4-Chloroaniline	5.805	127	5710	1.92	ppm	97
40) 2,3-Dichloroaniline	6.516	161	4707	2.08	ppm	95
41) Hydroquinone	6.024	110	2557	1.29	ppm	93
42) Hexachlorobutadiene	5.853	225	2500	2.07	ppm	84
43) 4-Chloro-3-methylphenol	6.147	107	3350	1.91	ppm	98
44) 2-Methylnaphthalene	6.286	141	8596	2.16	ppm	93
45) 1-Methylnaphthalene	6.366	142	8683	2.07	ppm	98
47) Hexachlorocyclopentadiene	6.409	237	3821	3.73	ppm	93
48) 1,2,4,5-tetrachloroben...	6.420	216	4726	2.20	ppm	93
49) 2,4,6-Trichlorophenol	6.510	196	2452	1.83	ppm	96
50) 2,4,5-Trichlorophenol	6.537	196	2573	1.73	ppm	97
52) 2-Chloronaphthalene	6.697	162	9068	2.08	ppm	93
53) Biphenyl	6.676	154	11537	2.06	ppm	99
54) 2-Nitroaniline	6.788	65	1551	1.53	ppm	94
55) Dimethylphthalate	6.954	163	9617	2.03	ppm	97
56) Acenaphthylene	7.093	152	11433	2.18	ppm	98
57) 2,6-Dinitrotoluene	7.013	165	1293	1.37	ppm	79
58) 3-Nitroaniline	7.189	138	1668	1.44	ppm	85
59) Acenaphthene	7.274	153	9913	2.08	ppm	95
60) 2,4-Dinitrophenol	7.296	184	783	1.78	ppm	68
61) 4-Nitrophenol	7.344	109	621	1.13	ppm	88
62) Dibenzofuran	7.461	168	13351	2.18	ppm	96
63) 2,4-Dinitrotoluene	7.440	165	1698	1.35	ppm	71
64) 2,3,4,6-Tetrachlorophenol	7.590	232	1748	1.48	ppm	76
65) Diethylphthalate	7.723	149	9837	2.04	ppm	96
66) Fluorene	7.867	166	9465	1.95	ppm	97
67) 4-Chlorophenyl-phenyle...	7.867	204	4708	2.09	ppm	95
68) 4-Nitroaniline	7.883	138	1453	1.18	ppm	93

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218581.D
Acq On : 24 Jan 2024 12:37 pm
Operator : ninap
Sample : ic9690-2
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 10:02:56 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

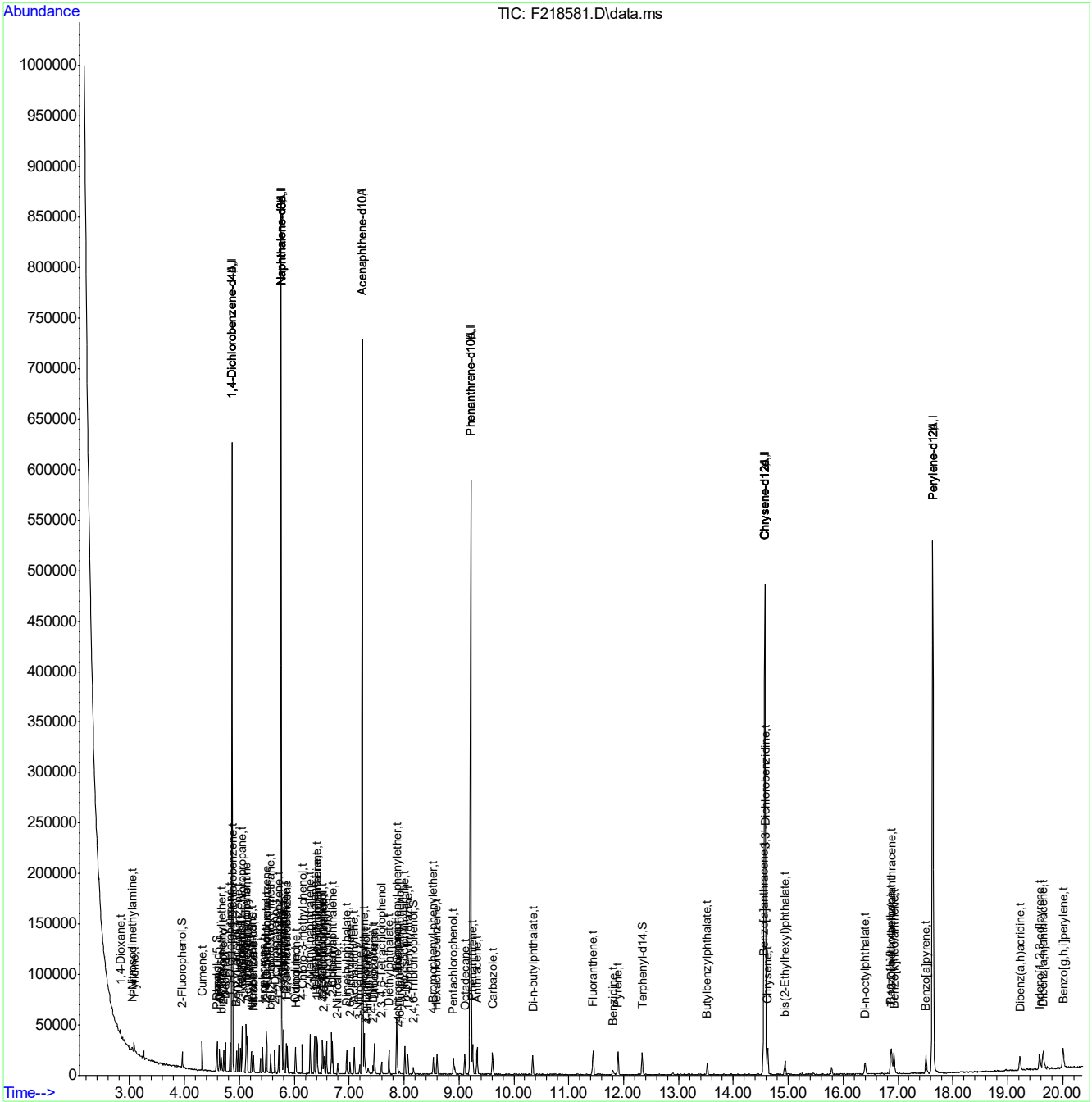
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4,6-Dinitro-2-methylph...	7.915	198	598	1.06	ppm	89
71) n-Nitrosodiphenylamine	8.012	169	8192	1.97	ppm	92
72) 1,2-Diphenylhydrazine	8.070	77	8753	1.86	ppm	96
74) 4-Bromophenyl-phenylether	8.530	248	2962	2.05	ppm	98
75) Hexachlorobenzene	8.599	284	3955	2.21	ppm	96
76) Pentachlorophenol	8.898	266	2979	2.81	ppm	92
77) Phenanthrene	9.246	178	15347	2.09	ppm	98
78) Anthracene	9.331	178	14529	1.97	ppm	98
79) Carbazole	9.609	167	13463	1.98	ppm	99
80) Di-n-butylphthalate	10.346	149	15617	1.78	ppm	99
81) Fluoranthene	11.447	202	15361	1.94	ppm	98
82) Octadecane	9.107	57	4501	1.71	ppm	97
84) Benzidine	11.805	184	5119	1.16	ppm	96
85) Pyrene	11.895	202	15473	1.96	ppm	98
87) Butylbenzylphthalate	13.525	149	4952	1.38	ppm	90
88) Benzo[a]anthracene	14.551	228	15378	2.03	ppm	96
89) 3,3'-Dichlorobenzidine	14.588	252	5277	1.73	ppm	89
90) Chrysene	14.625	228	15445	2.09	ppm	98
91) bis(2-Ethylhexyl)phtha...	14.941	149	7351	1.35	ppm	93
93) Di-n-octylphthalate	16.399	149	11306	1.11	ppm	96
94) Benzo[b]fluoranthene	16.869	252	14955	1.61	ppm	95
95) Benzo[k]fluoranthene	16.928	252	15545	1.83	ppm	96
96) Benzo[a]pyrene	17.510	252	12019	1.60	ppm	94
97) Indeno[1,2,3-cd]pyrene	19.578	276	11877	1.50	ppm	96
98) Dibenz(a,h)acridine	19.220	279	11195	1.51	ppm	100
99) Dibenz[a,h]anthracene	19.647	278	14485	1.59	ppm	92
100) 7,12-Dimethylbenz(a)an...	16.885	256	5495	1.37	ppm	97
101) Benzo[g,h,i]perylene	20.010	276	15557	1.73	ppm	95

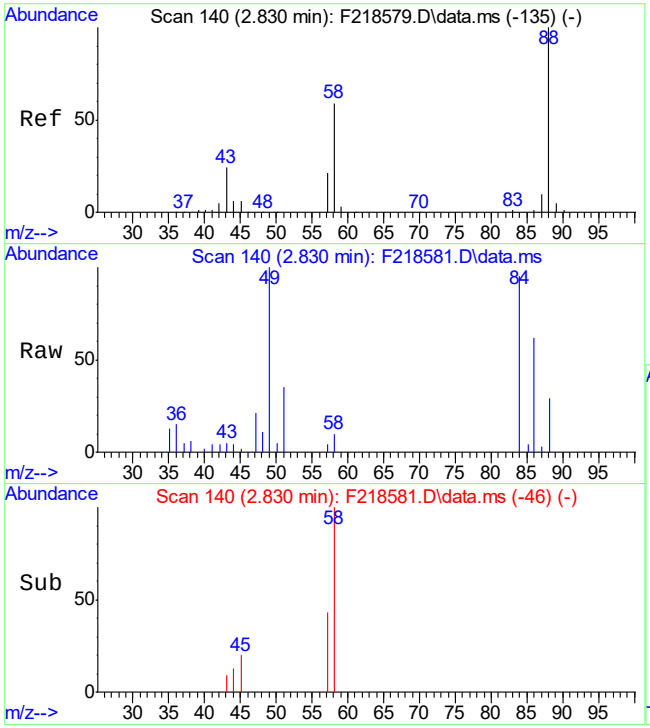
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218581.D
Acq On : 24 Jan 2024 12:37 pm
Operator : ninap
Sample : ic9690-2
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 10:02:56 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration

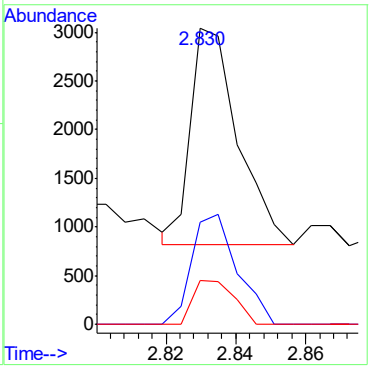


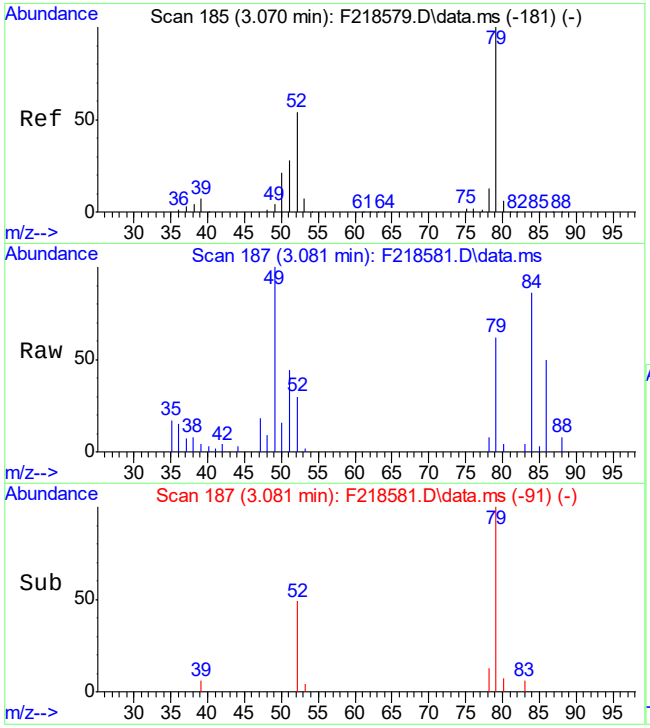


#2
1,4-Dioxane
Concen: 2.45 ppm
RT: 2.830 min Scan# 140
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 88 Resp: 2101

Ion	Ratio	Lower	Upper
88	100		
58	48.6	27.0	87.0
57	20.9	0.0	50.2

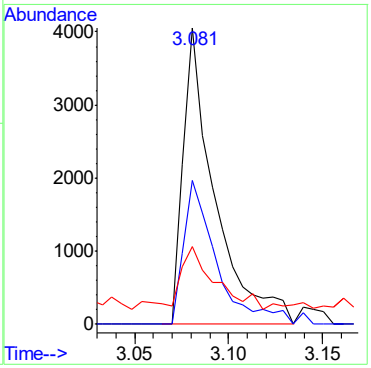


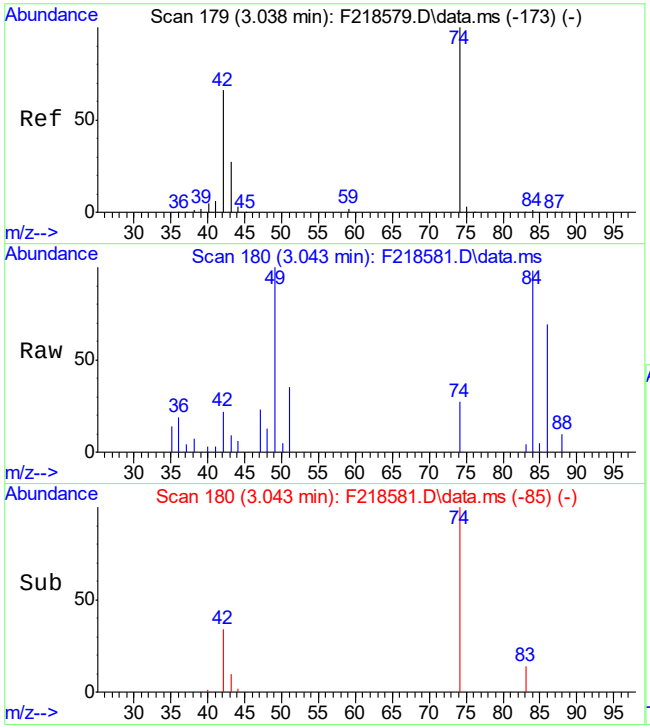


#3
Pyridine
Concen: 1.96 ppm
RT: 3.081 min Scan# 187
Delta R.T. 0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 79 Resp: 4706

Ion	Ratio	Lower	Upper
79	100		
52	48.7	23.7	83.7
50	19.5	0.0	51.1

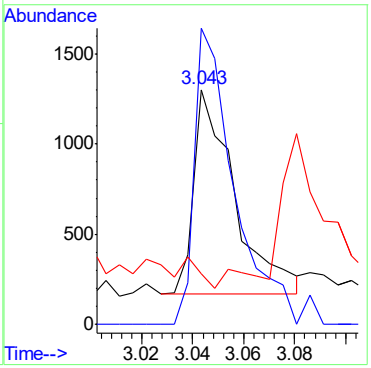


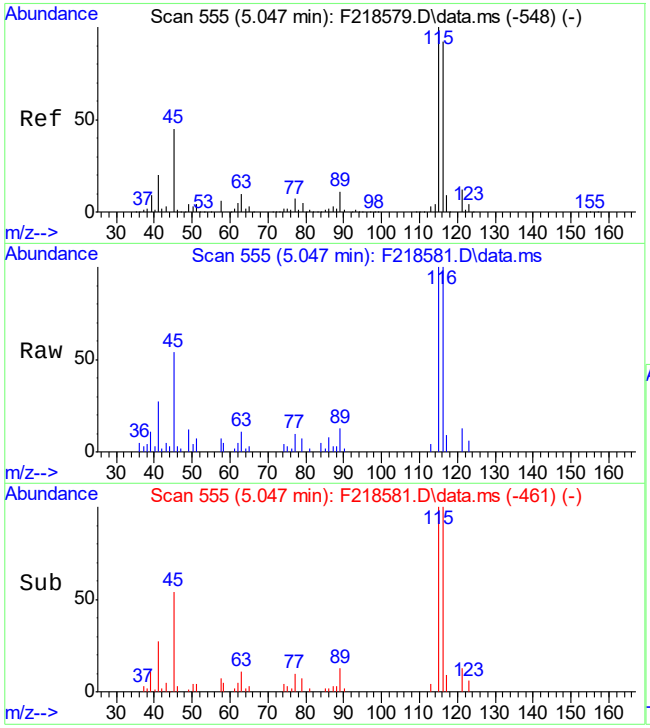


#4
N-Nitrosodimethylamine
Concen: 1.74 ppm m
RT: 3.043 min Scan# 180
Delta R.T. 0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 42 Resp: 1278

Ion	Ratio	Lower	Upper
42	100		
74	126.0	120.8	180.8
50	21.4	0.0	30.0

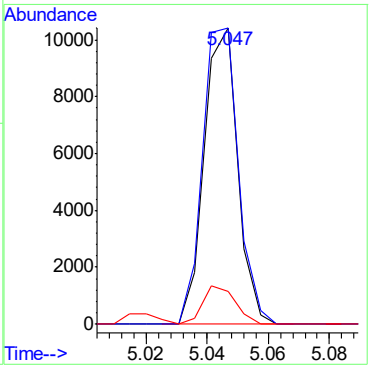


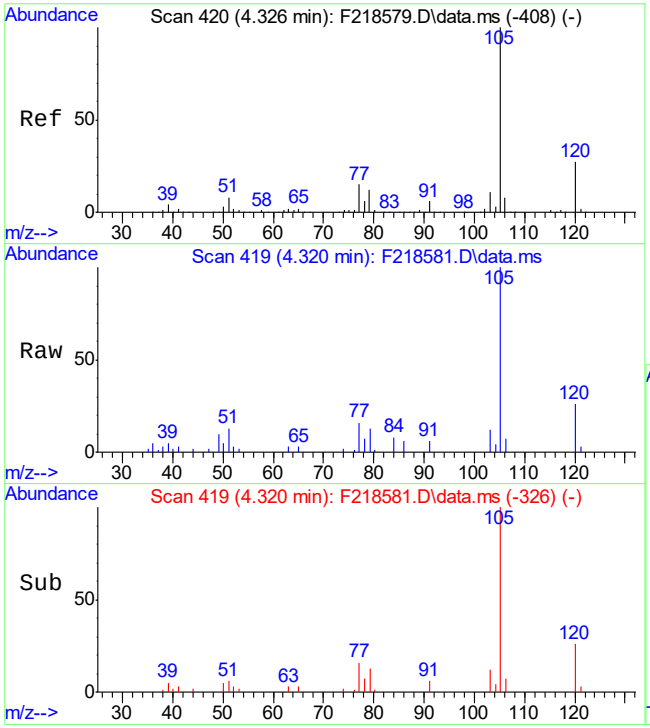


#6
Indene
Concen: 2.10 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:116 Resp: 7873

Ion	Ratio	Lower	Upper
116	100		
115	100.2	79.0	139.0
63	10.2	0.0	41.0

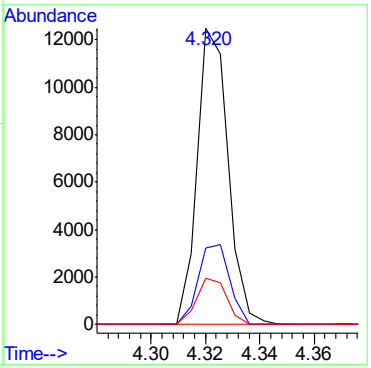


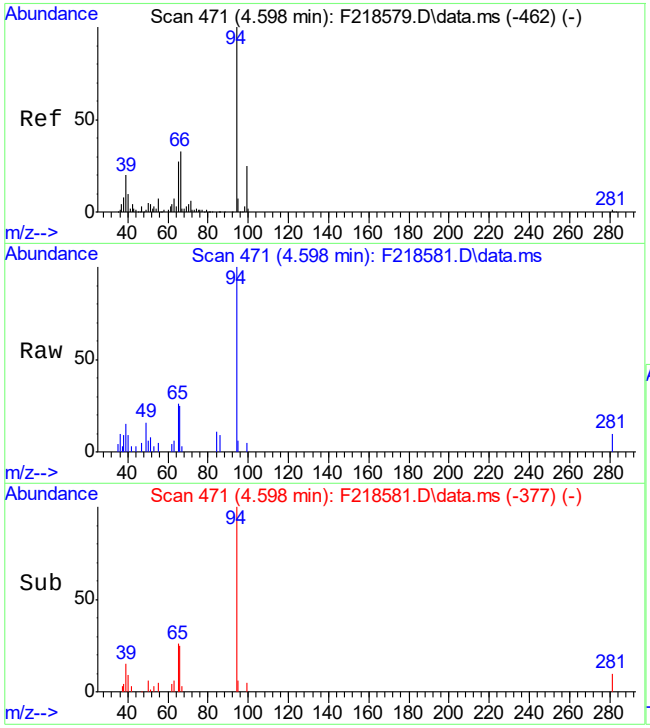


#7
Cumene
Concen: 2.10 ppm
RT: 4.320 min Scan# 419
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:105 Resp: 9843

Ion	Ratio	Lower	Upper
105	100		
120	25.8	0.0	56.8
77	15.7	0.0	44.8

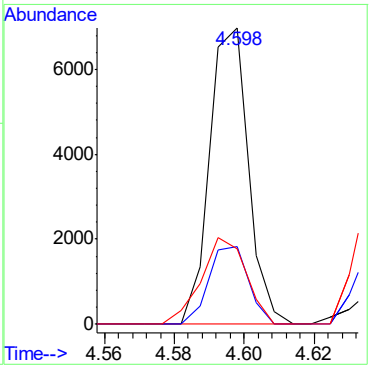


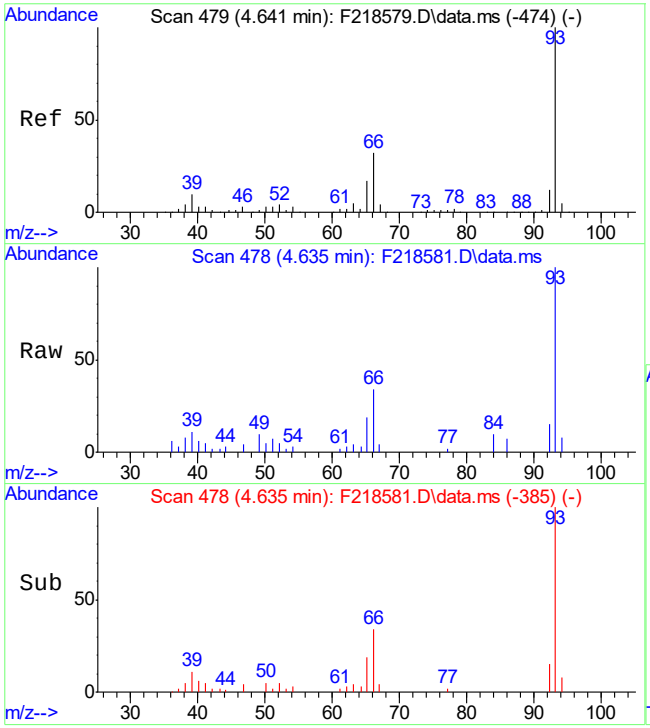


#9
Phenol
Concen: 2.04 ppm
RT: 4.598 min Scan# 471
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 94 Resp: 5378

Ion	Ratio	Lower	Upper
94	100		
65	26.3	0.0	56.8
66	25.5	2.6	62.6

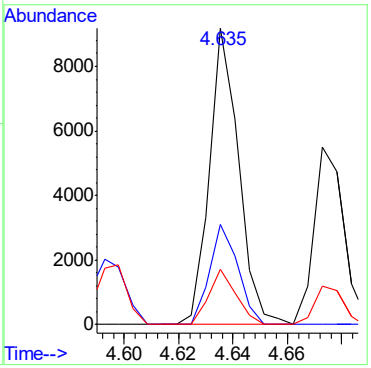


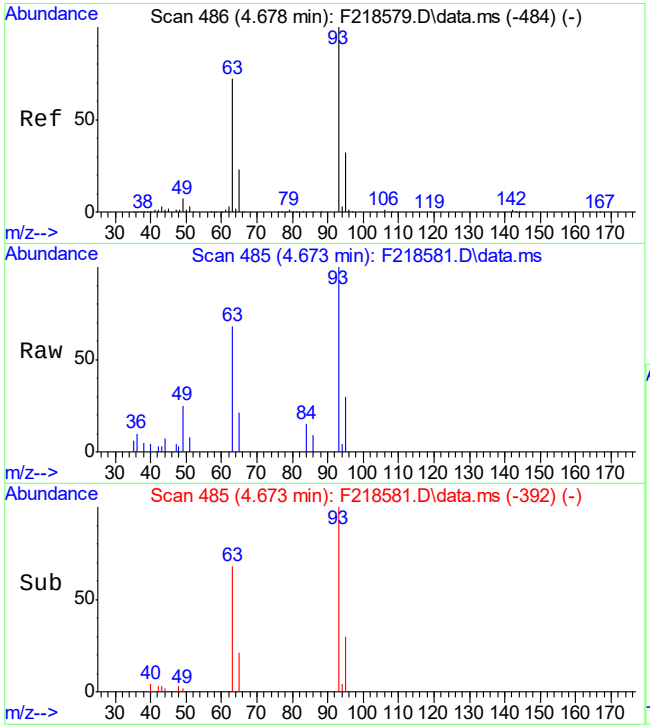


#10
Aniline
Concen: 2.05 ppm
RT: 4.635 min Scan# 478
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 93 Resp: 6829

Ion	Ratio	Lower	Upper
93	100		
66	33.9	2.7	62.7
65	18.7	0.0	47.4

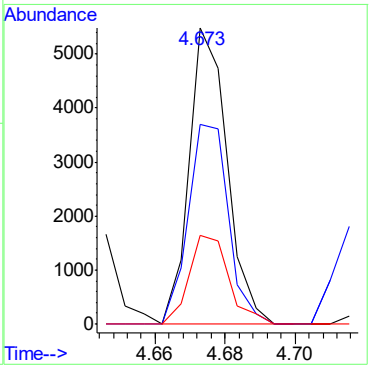


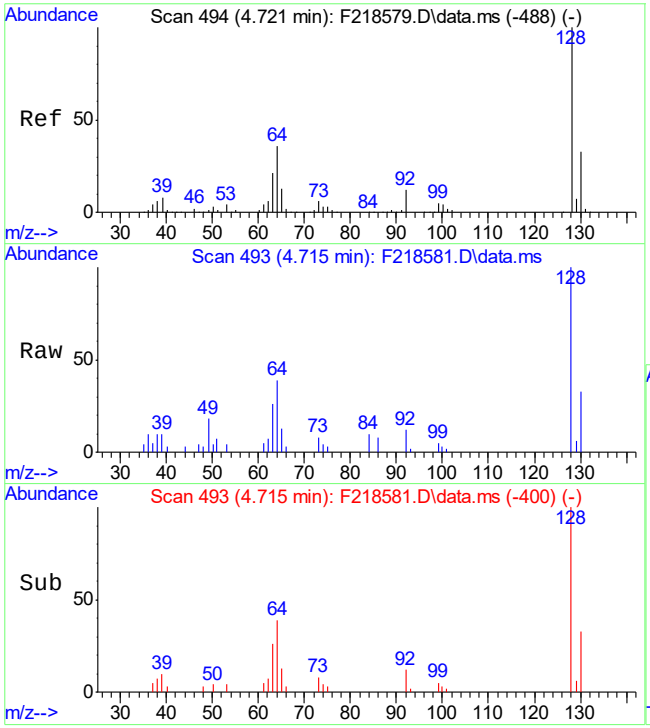


#11
bis(2-Chloroethyl)ether
Concen: 2.09 ppm
RT: 4.673 min Scan# 485
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 93 Resp: 4152

Ion	Ratio	Lower	Upper
93	100		
63	67.6	42.2	102.2
95	29.8	2.1	62.1

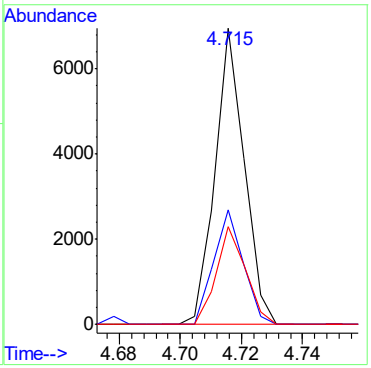


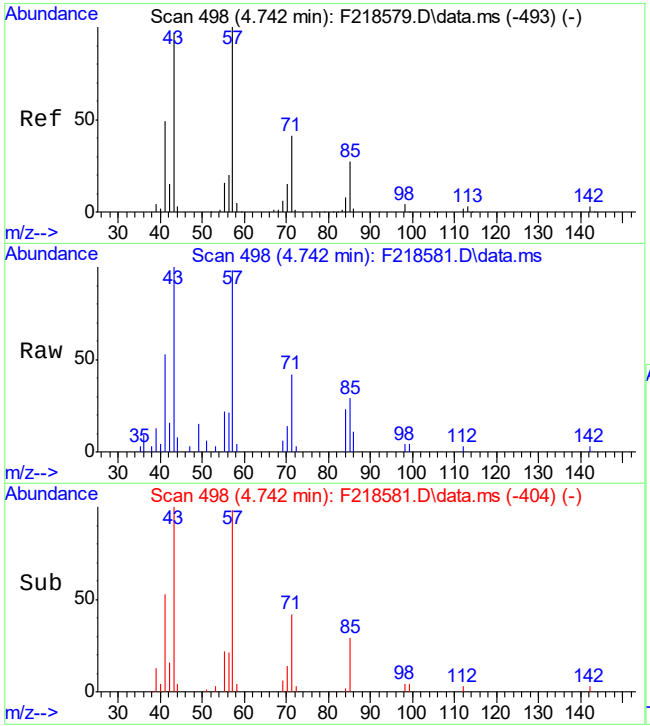


#12
2-Chlorophenol
Concen: 2.02 ppm
RT: 4.715 min Scan# 493
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:128 Resp: 4615

Ion	Ratio	Lower	Upper
128	100		
64	38.7	5.8	65.8
130	32.9	3.0	63.0

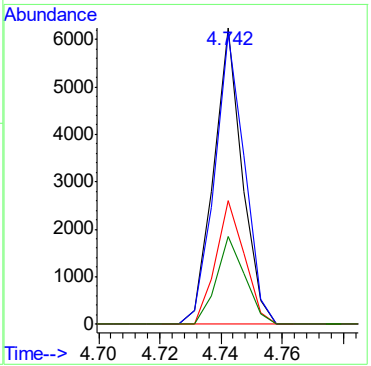


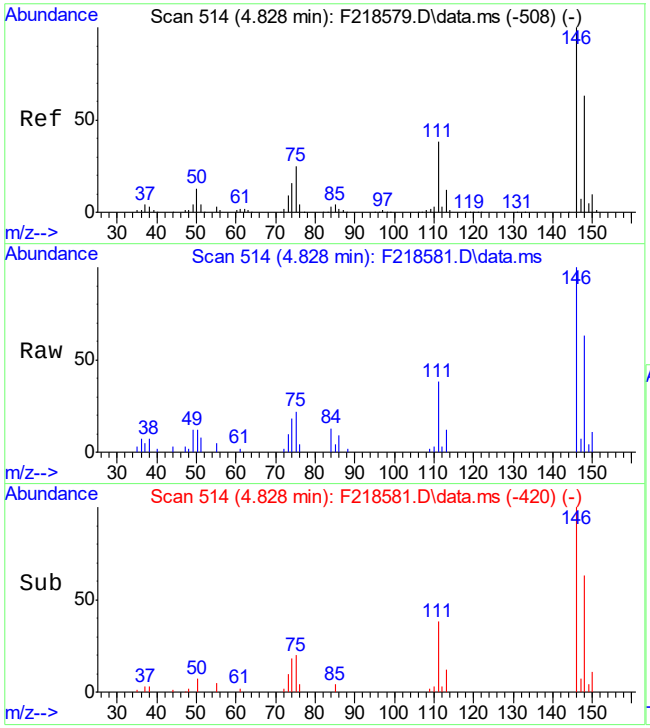


#13
Decane
Concen: 2.12 ppm
RT: 4.742 min Scan# 498
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 43 Resp: 4042

Ion	Ratio	Lower	Upper
43	100		
57	98.0	73.2	133.2
71	41.6	13.0	73.0
85	24.9	0.0	58.3

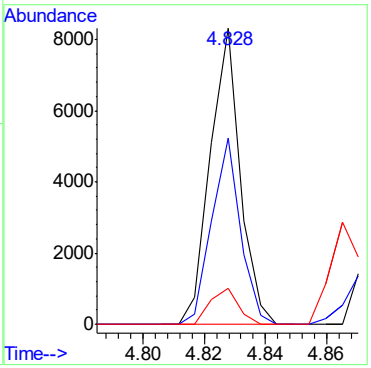


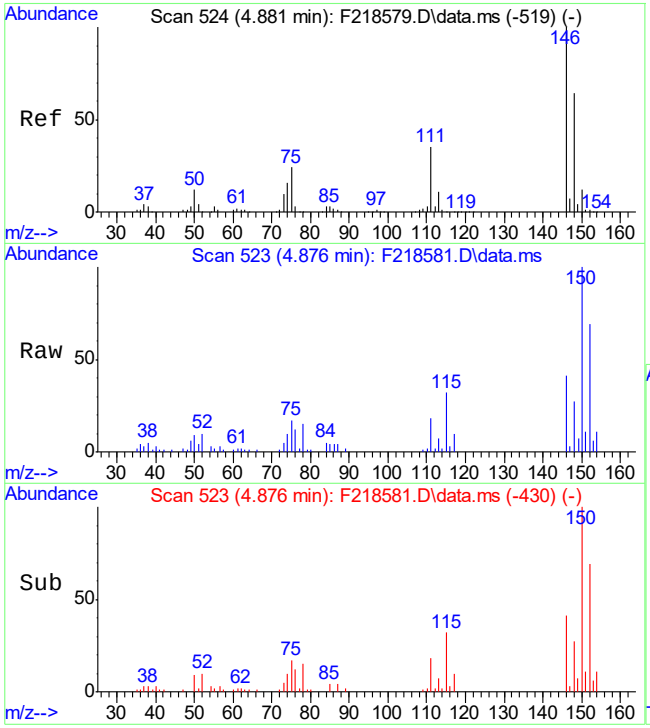


#14
1,3-Dichlorobenzene
Concen: 2.14 ppm
RT: 4.828 min Scan# 514
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:146 Resp: 5643

Ion	Ratio	Lower	Upper
146	100		
148	63.0	32.8	92.8
113	12.3	0.0	41.9

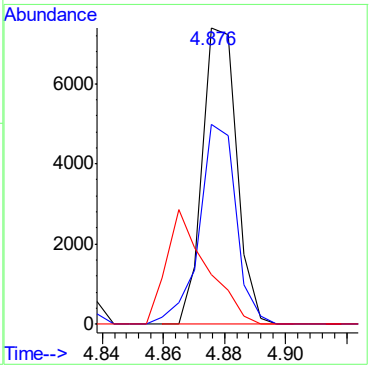


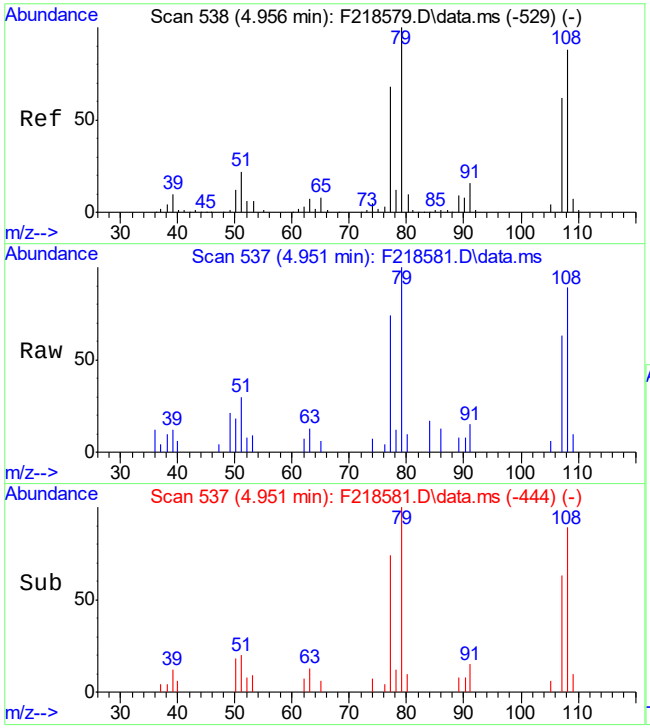


#15
1,4-Dichlorobenzene
Concen: 2.12 ppm
RT: 4.876 min Scan# 523
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:146 Resp: 5743

Ion	Ratio	Lower	Upper
146	100		
148	66.2	33.9	93.9
113	9.0	0.0	41.3

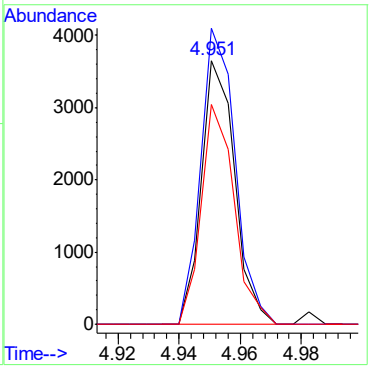


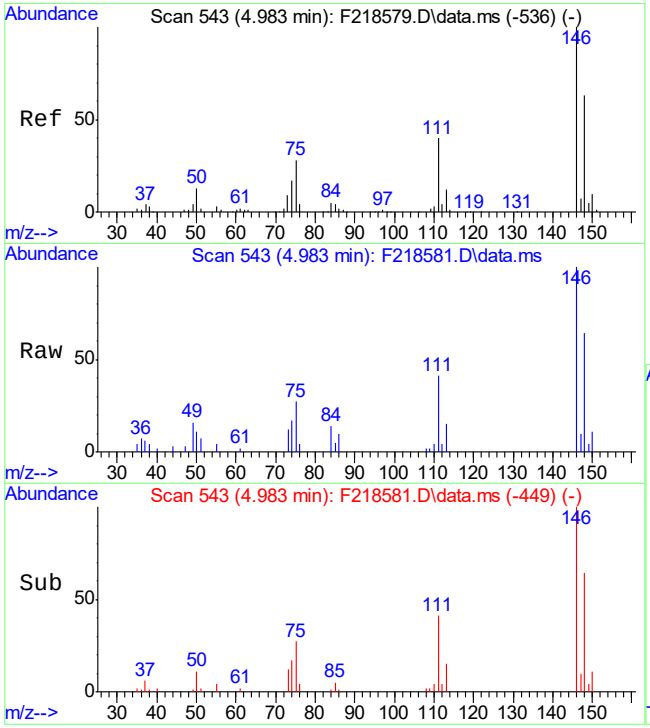


#16
Benzyl alcohol
Concen: 1.88 ppm
RT: 4.951 min Scan# 537
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:108 Resp: 2742

Ion	Ratio	Lower	Upper
108	100		
79	112.1	83.1	143.1
77	83.3	46.9	106.9

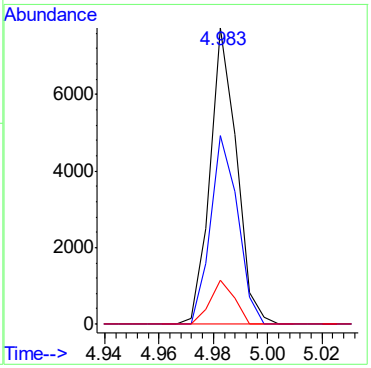


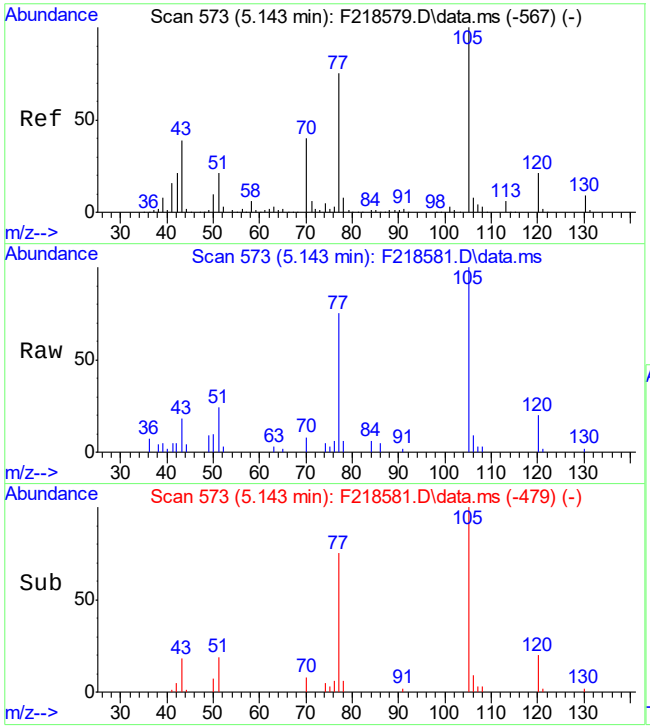


#17
1,2-Dichlorobenzene
Concen: 2.05 ppm
RT: 4.983 min Scan# 543
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:146 Resp: 5244

Ion	Ratio	Lower	Upper
146	100		
148	63.6	32.7	92.7
113	14.8	0.0	42.4

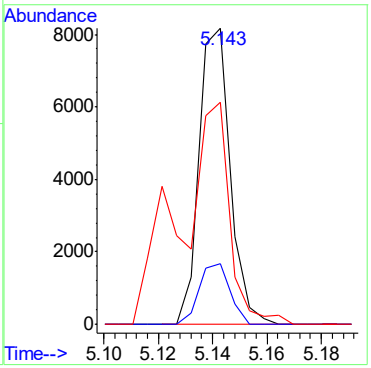


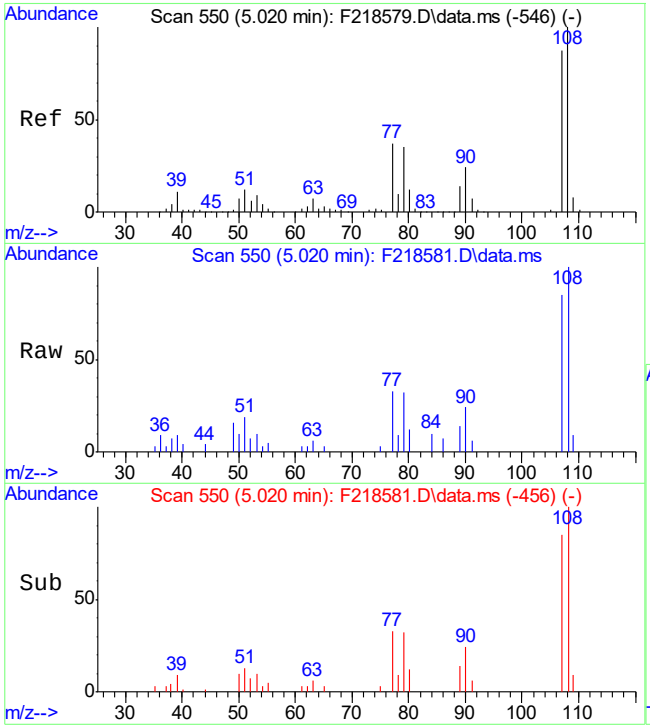


#18
Acetophenone
Concen: 2.04 ppm
RT: 5.143 min Scan# 573
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:105 Resp: 6498

Ion	Ratio	Lower	Upper
105	100		
120	20.5	0.0	50.5
77	51.8	45.3	105.3

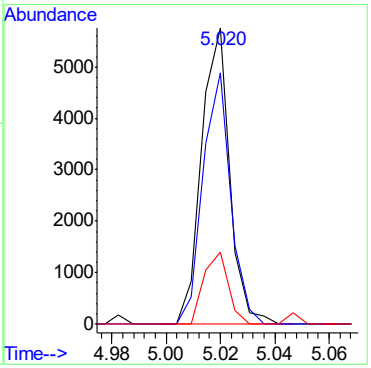


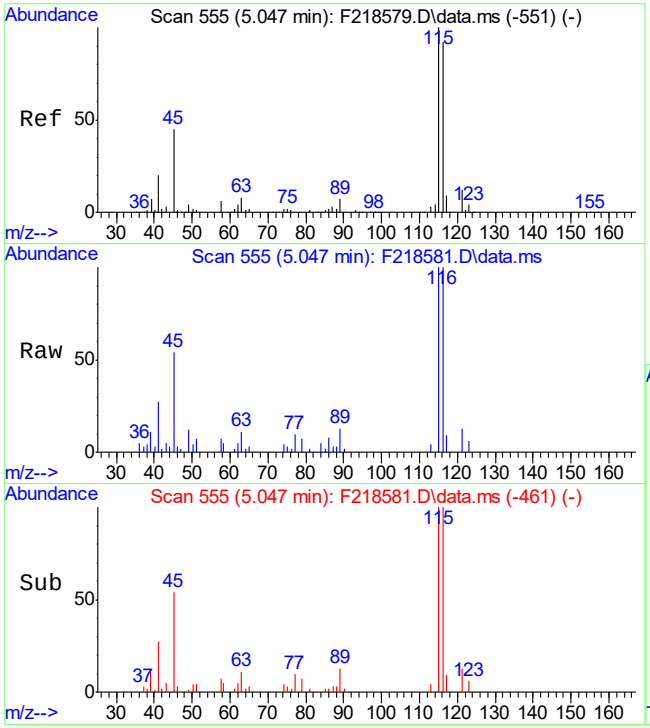


#19
2-Methylphenol
Concen: 2.05 ppm
RT: 5.020 min Scan# 550
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:108 Resp: 4129

Ion	Ratio	Lower	Upper
108	100		
107	84.7	57.0	117.0
90	22.5	0.0	53.5

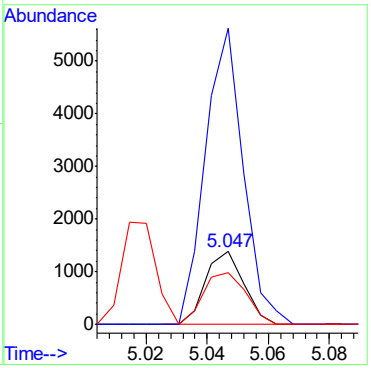


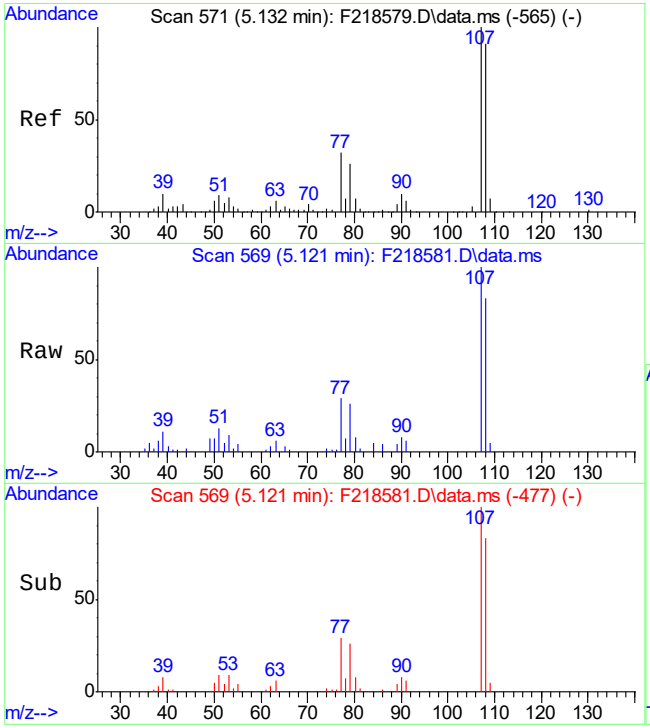


#20
2,2'-oxybis(1-Chloropropane
Concen: 1.91 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:121 Resp: 1196

Ion	Ratio	Lower	Upper
121	100		
45	408.6	351.9	411.9
77	50.6	36.1	96.1

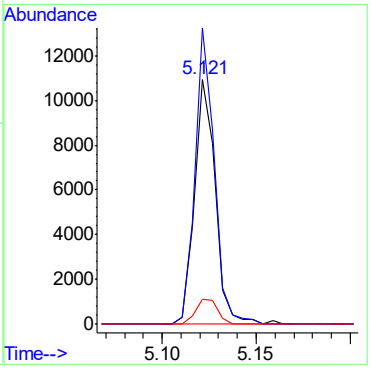


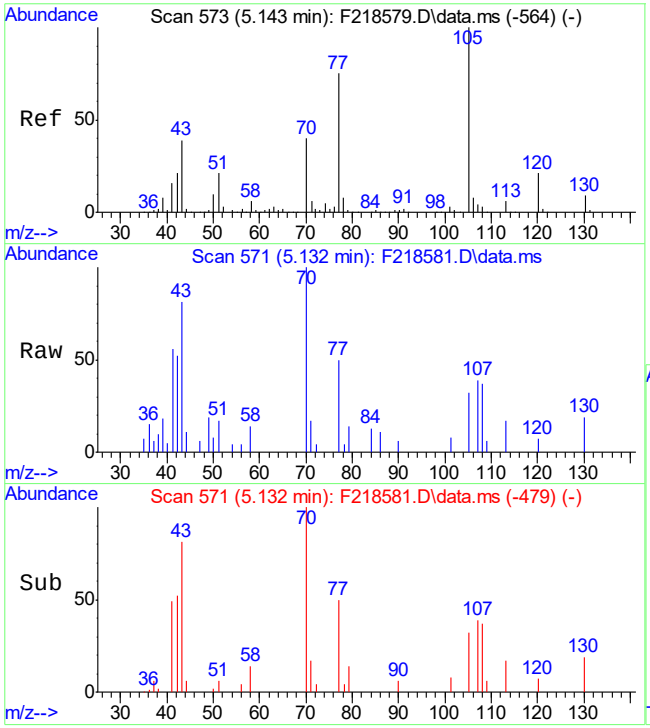


#21
3&4-Methylphenol
Concen: 3.97 ppm
RT: 5.121 min Scan# 569
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:108 Resp: 8398

Ion	Ratio	Lower	Upper
108	100		
107	120.9	79.6	139.6
90	10.2	0.0	40.5

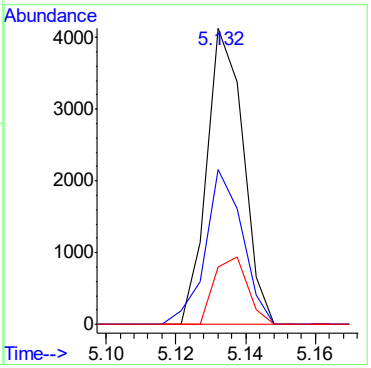


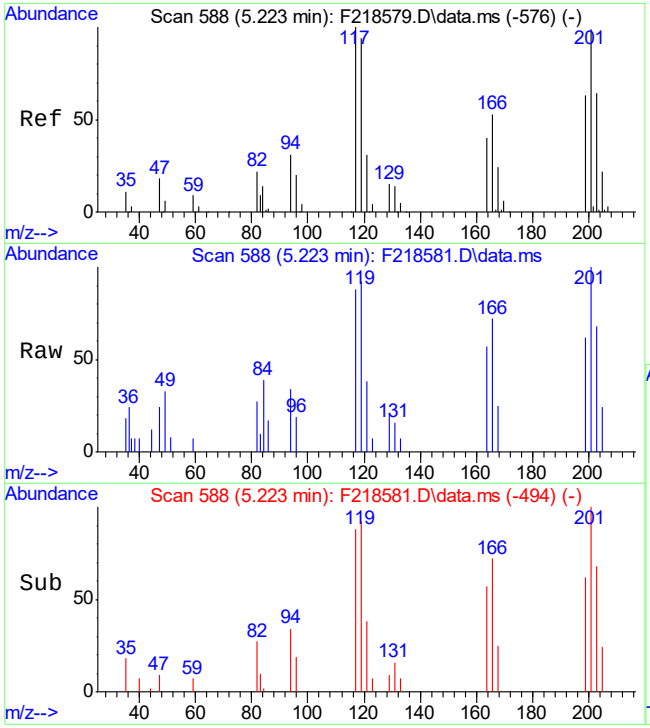


#22
n-Nitroso-di-n-propylamine
Concen: 1.96 ppm
RT: 5.132 min Scan# 571
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 70 Resp: 2988

Ion	Ratio	Lower	Upper
70	100		
42	52.2	36.3	67.3
130	19.3	15.6	29.0

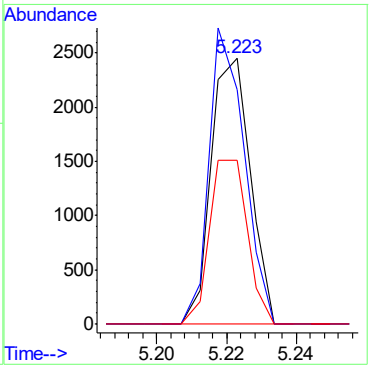


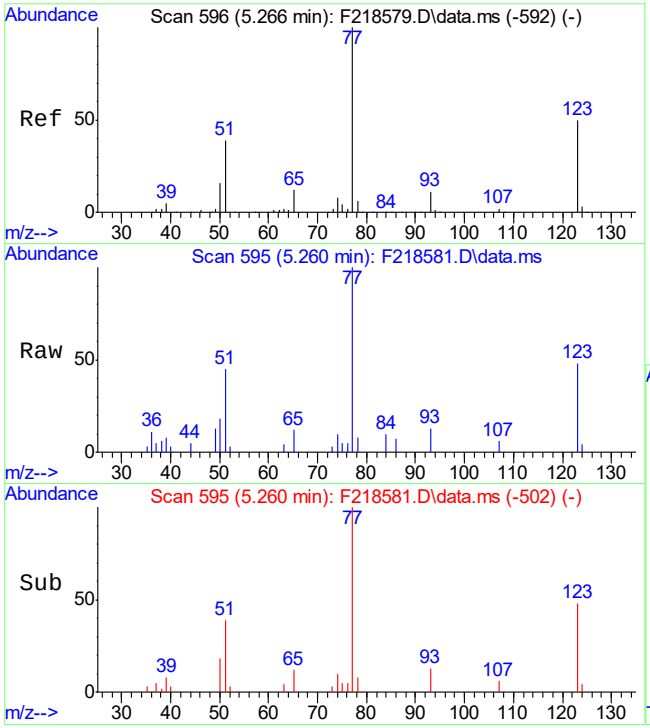


#23
Hexachloroethane
Concen: 2.12 ppm
RT: 5.223 min Scan# 588
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:201 Resp: 1912

Ion	Ratio	Lower	Upper
201	100		
117	88.1	70.8	130.8
199	61.5	33.7	93.7

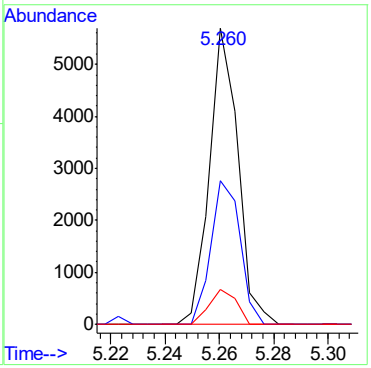


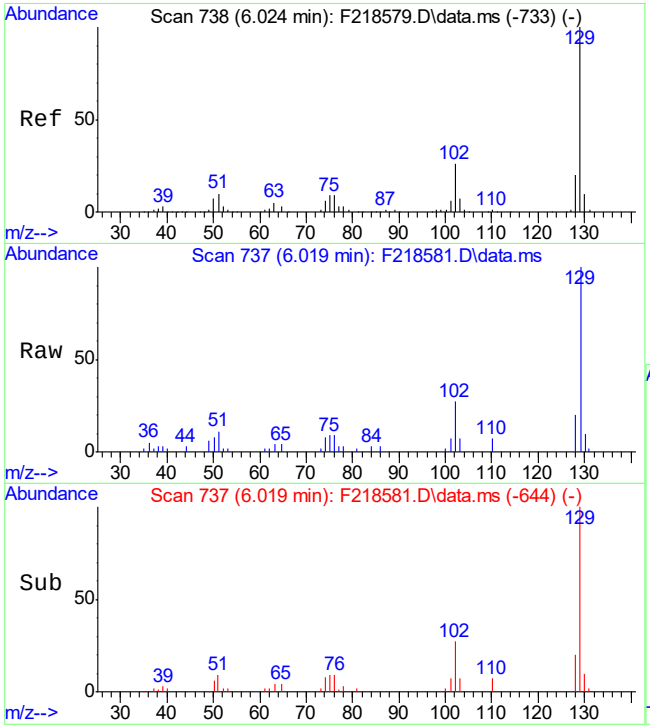


#26
Nitrobenzene
Concen: 1.86 ppm
RT: 5.260 min Scan# 595
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 77 Resp: 4147

Ion	Ratio	Lower	Upper
77	100		
123	48.5	20.4	80.4
65	11.8	0.0	41.9

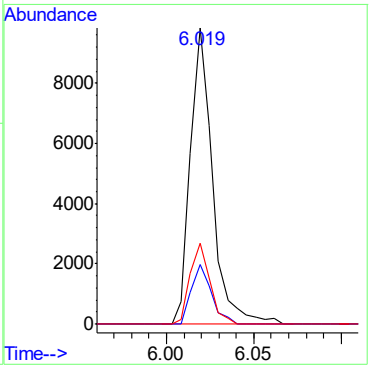


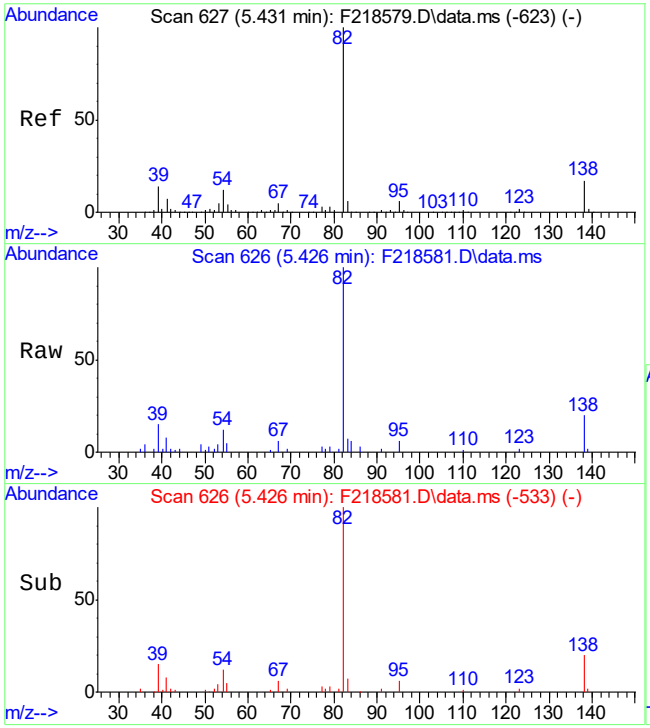


#27
Quinoline
Concen: 1.96 ppm
RT: 6.019 min Scan# 737
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:129 Resp: 8710

Ion	Ratio	Lower	Upper
129	100		
128	20.1	0.0	50.3
102	27.3	0.0	55.9

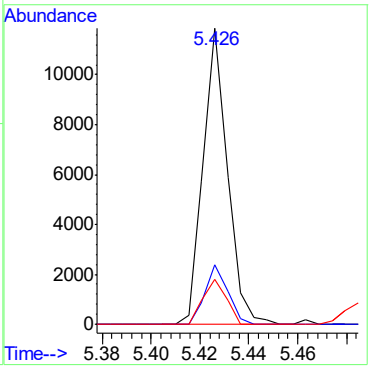


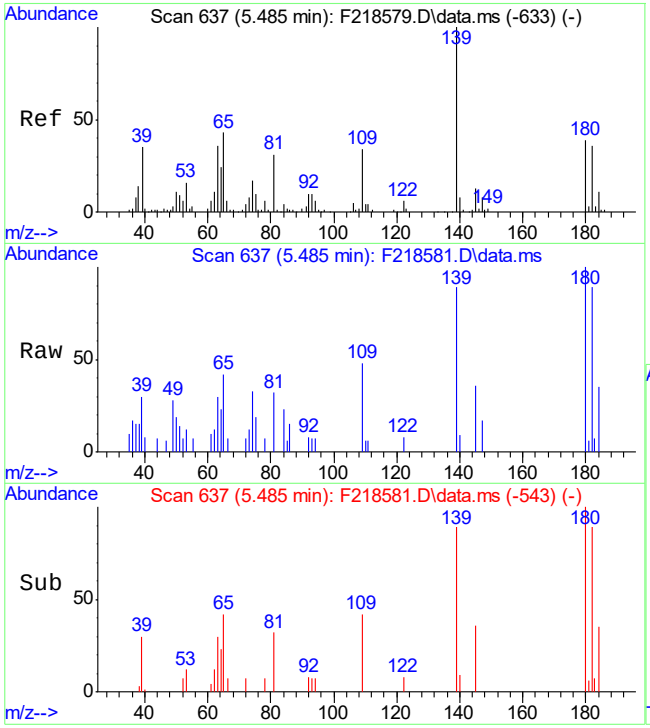


#28
Isophorone
Concen: 2.04 ppm
RT: 5.426 min Scan# 626
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 82 Resp: 8183

Ion	Ratio	Lower	Upper
82	100		
138	19.9	0.0	47.1
39	15.1	0.0	44.0

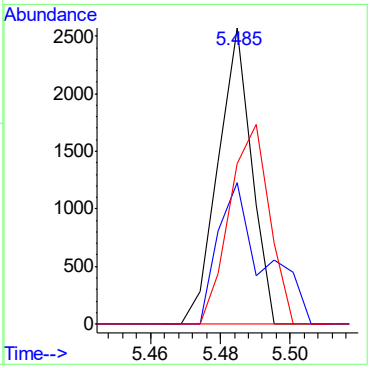


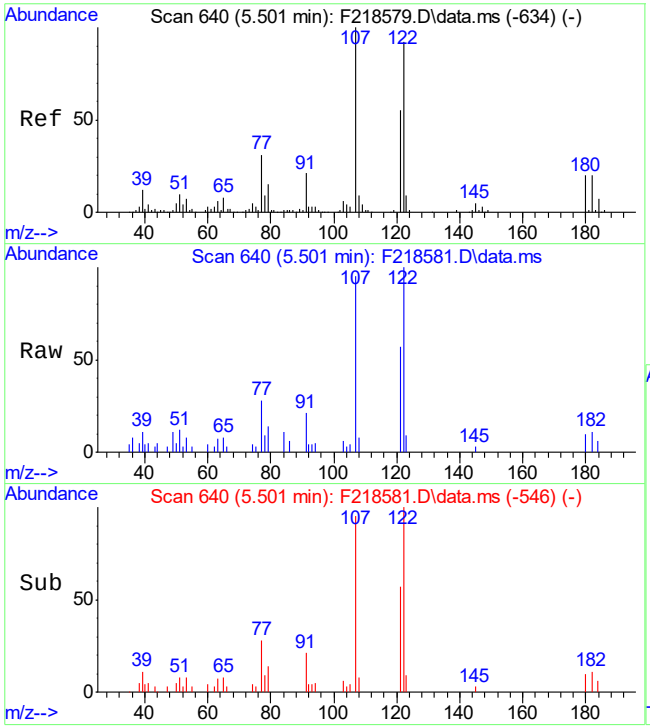


#29
2-Nitrophenol
Concen: 1.57 ppm
RT: 5.485 min Scan# 637
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:139 Resp: 1700

Ion	Ratio	Lower	Upper
139	100		
65	39.1	13.1	73.1
109	54.2	3.7	63.7

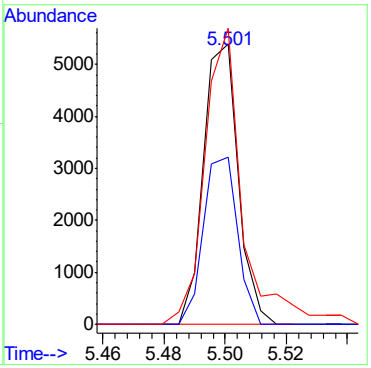


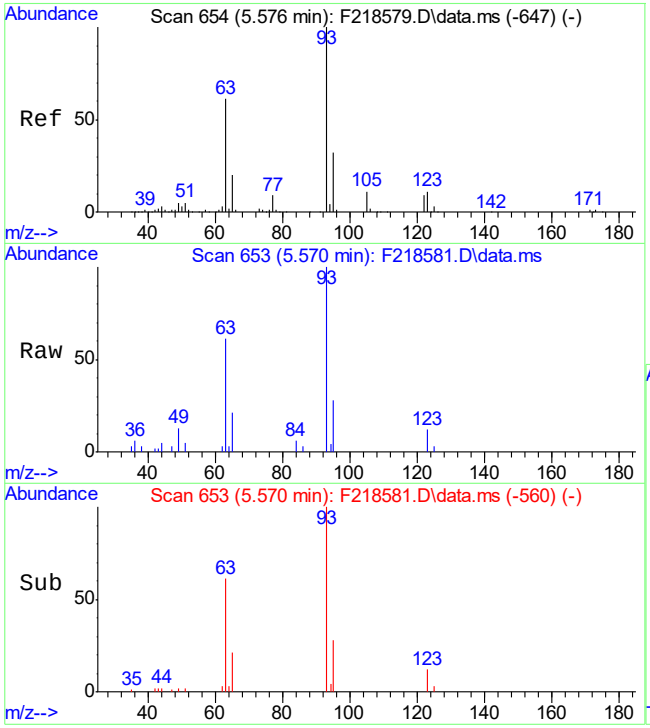


#30
2,4-Dimethylphenol
Concen: 1.91 ppm
RT: 5.501 min Scan# 640
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:107 Resp: 4232

Ion	Ratio	Lower	Upper
107	100		
121	59.7	25.4	85.4
122	102.0	57.3	117.3

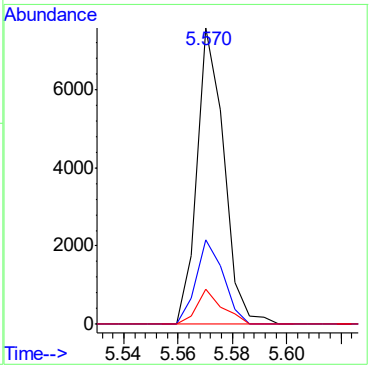


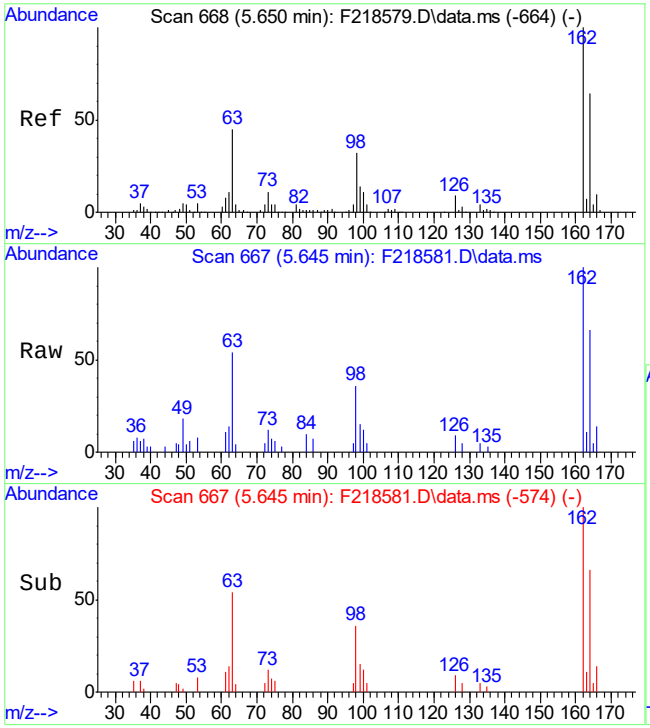


#32
bis(2-Chloroethoxy)methane
Concen: 2.02 ppm
RT: 5.570 min Scan# 653
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 93 Resp: 5227

Ion	Ratio	Lower	Upper
93	100		
95	28.4	2.5	62.5
123	11.7	0.0	41.2

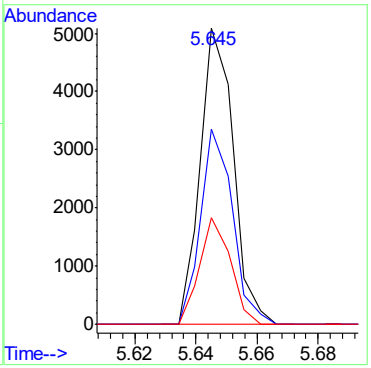


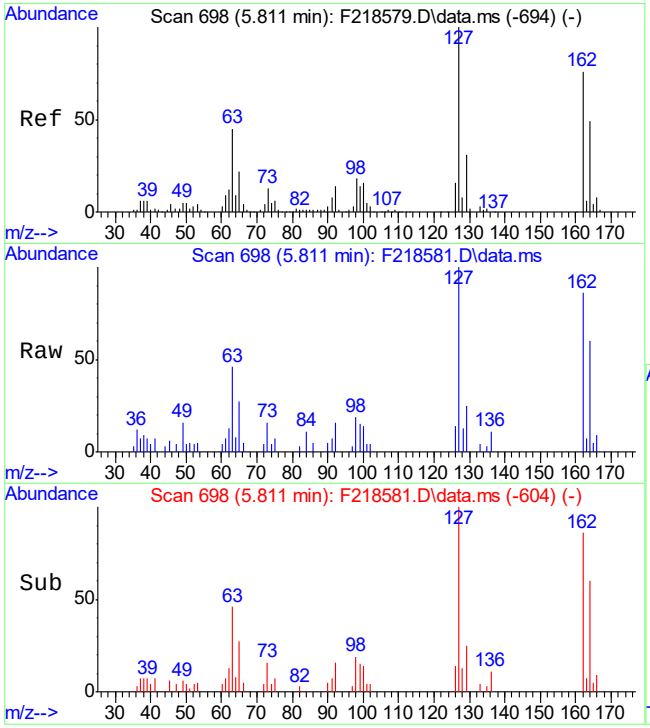


#33
2,4-Dichlorophenol
Concen: 1.99 ppm
RT: 5.645 min Scan# 667
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:162 Resp: 3805

Ion	Ratio	Lower	Upper
162	100		
164	65.9	33.6	93.6
98	36.0	1.5	61.5

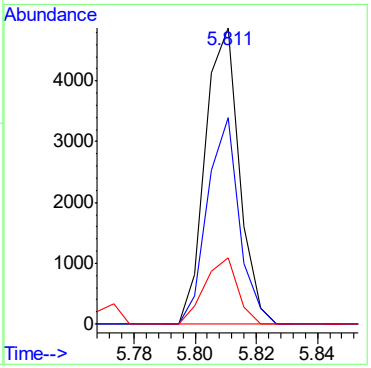


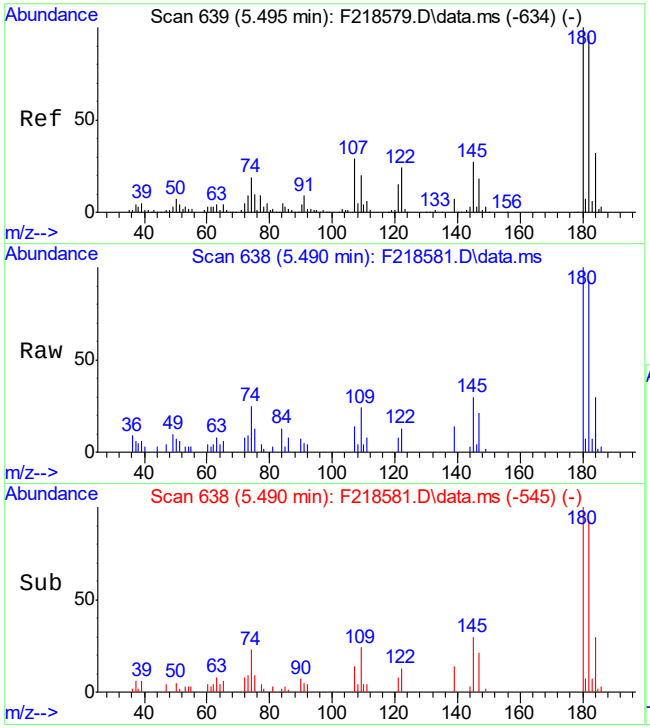


#34
2,6-Dichlorophenol
Concen: 1.94 ppm
RT: 5.811 min Scan# 698
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:162 Resp: 3744

Ion	Ratio	Lower	Upper
162	100		
164	69.7	34.9	94.9
98	22.4	0.0	53.2

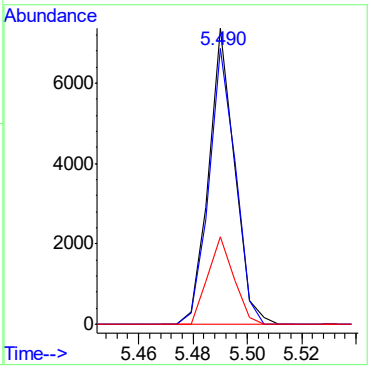


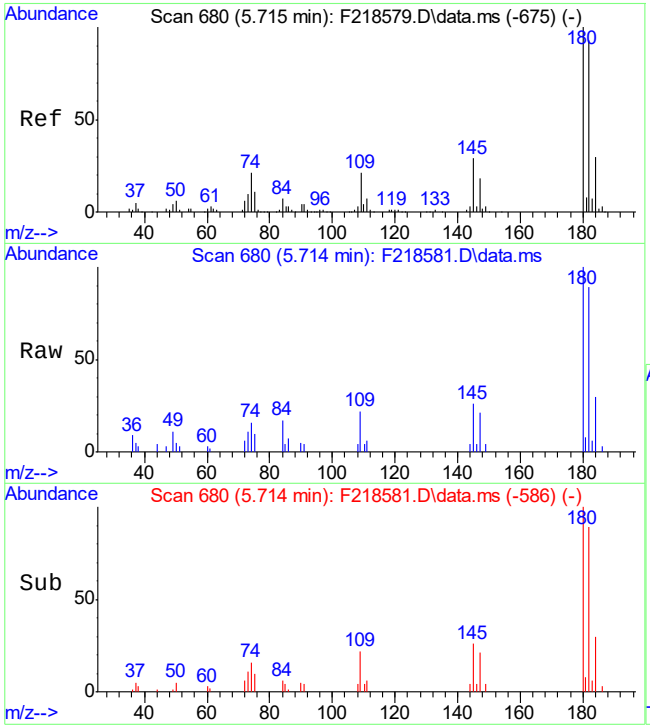


#35
1,3,5-Trichlorobenzene
Concen: 2.16 ppm
RT: 5.490 min Scan# 638
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:180 Resp: 4877

Ion	Ratio	Lower	Upper
180	100		
182	93.1	66.2	126.2
145	29.7	0.0	57.2

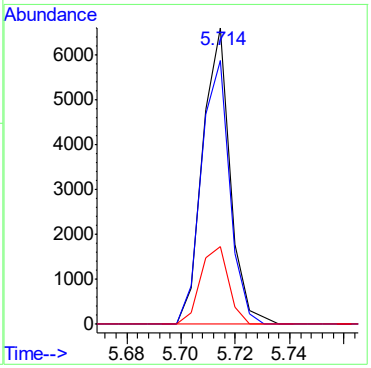


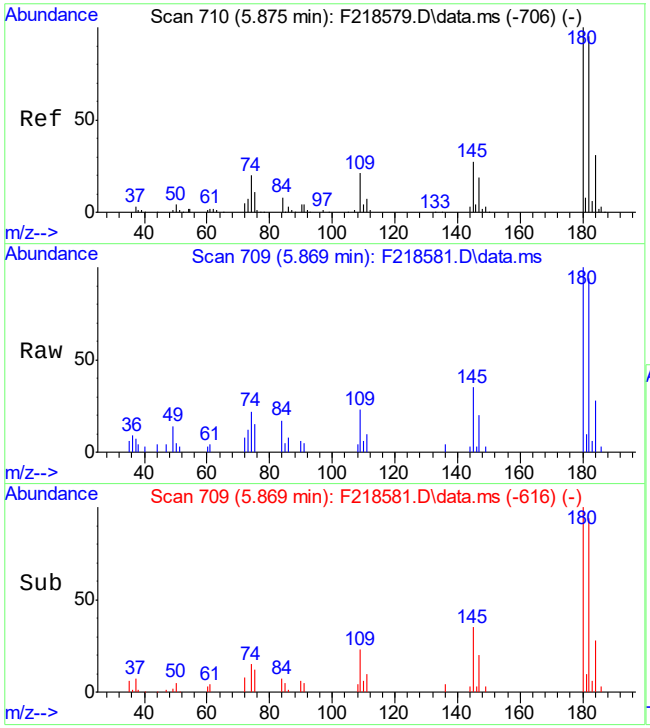


#36
1,2,4-Trichlorobenzene
Concen: 2.13 ppm
RT: 5.714 min Scan# 680
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:180 Resp: 4627

Ion	Ratio	Lower	Upper
180	100		
182	89.1	62.8	122.8
145	26.0	0.0	58.7

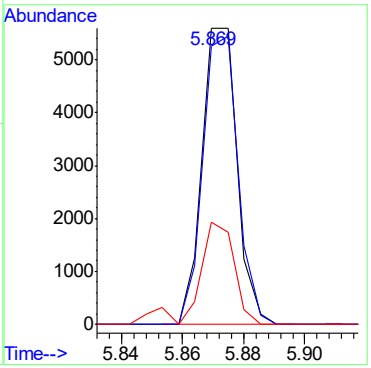


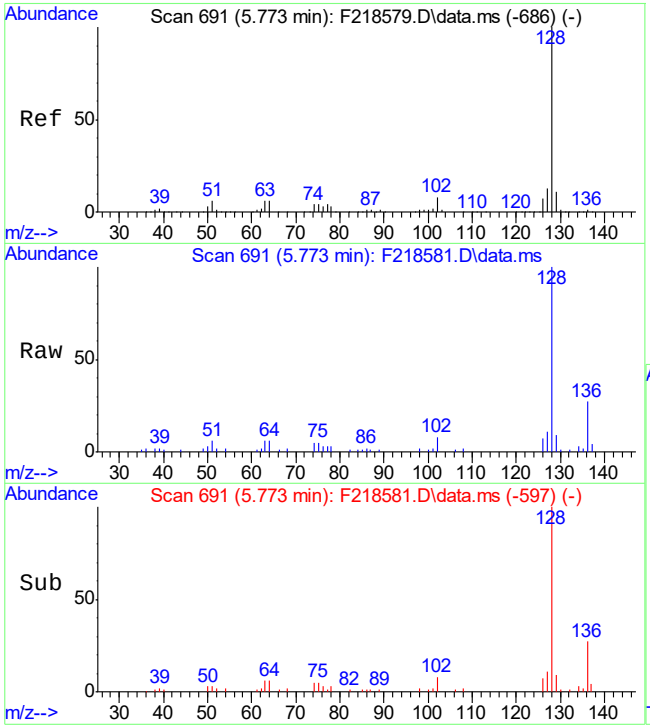


#37
1,2,3-Trichlorobenzene
Concen: 2.09 ppm
RT: 5.869 min Scan# 709
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:180 Resp: 4445

Ion	Ratio	Lower	Upper
180	100		
182	93.9	65.1	125.1
145	31.7	0.0	59.2

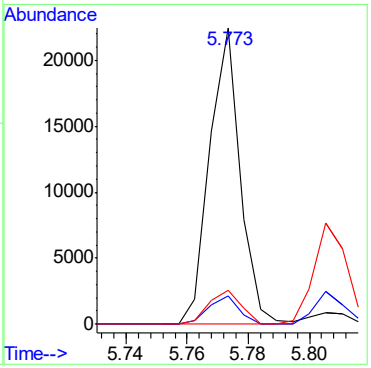


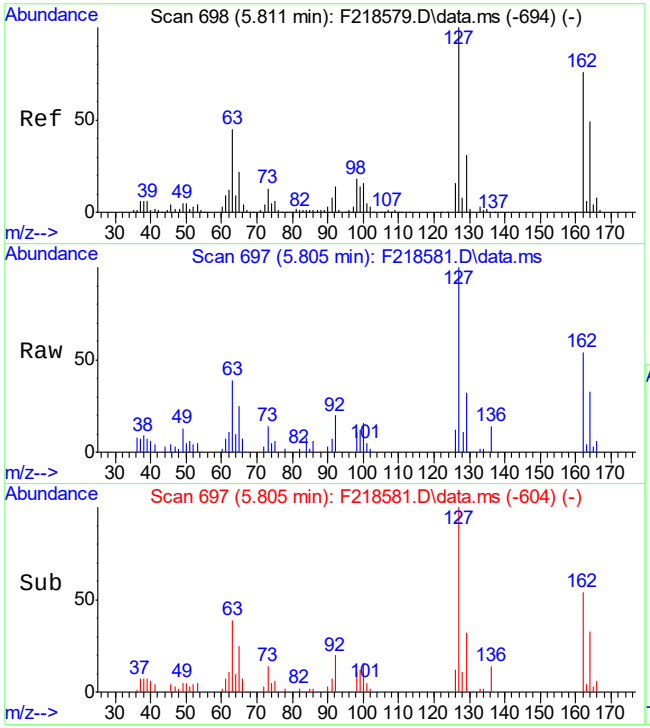


#38
Naphthalene
Concen: 2.22 ppm
RT: 5.773 min Scan# 691
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:128 Resp: 15498

Ion	Ratio	Lower	Upper
128	100		
129	9.4	0.0	41.2
127	10.7	0.0	42.9

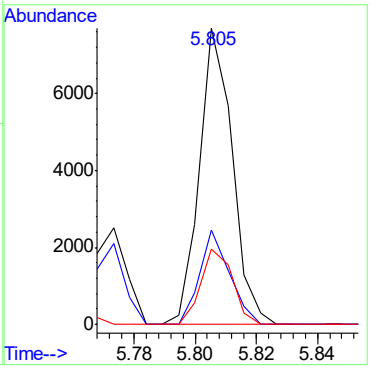


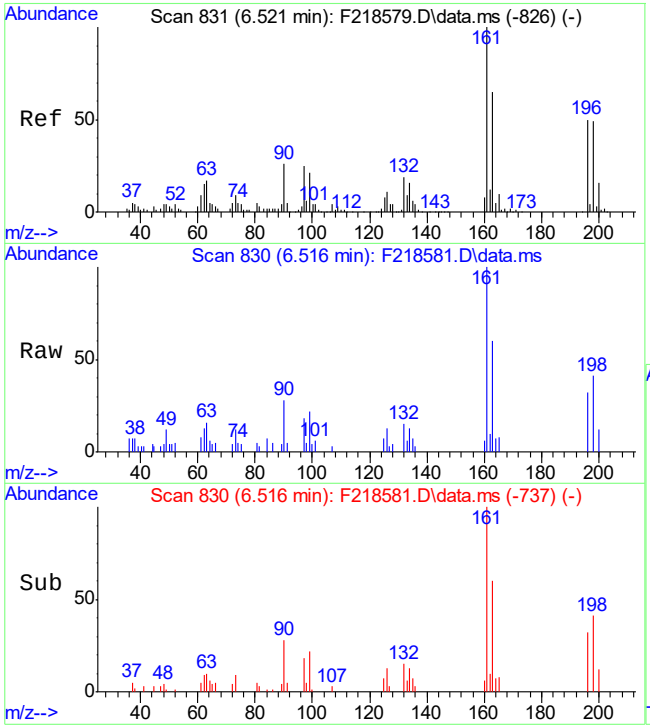


#39
4-Chloroaniline
Concen: 1.92 ppm
RT: 5.805 min Scan# 697
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:127 Resp: 5710

Ion	Ratio	Lower	Upper
127	100		
129	31.7	1.5	61.5
65	25.3	0.0	51.5

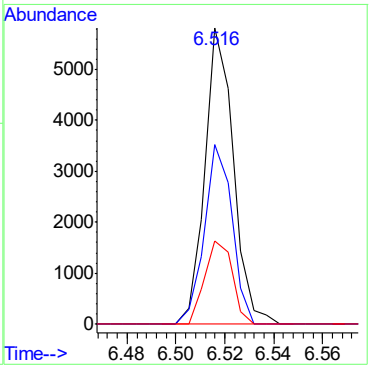


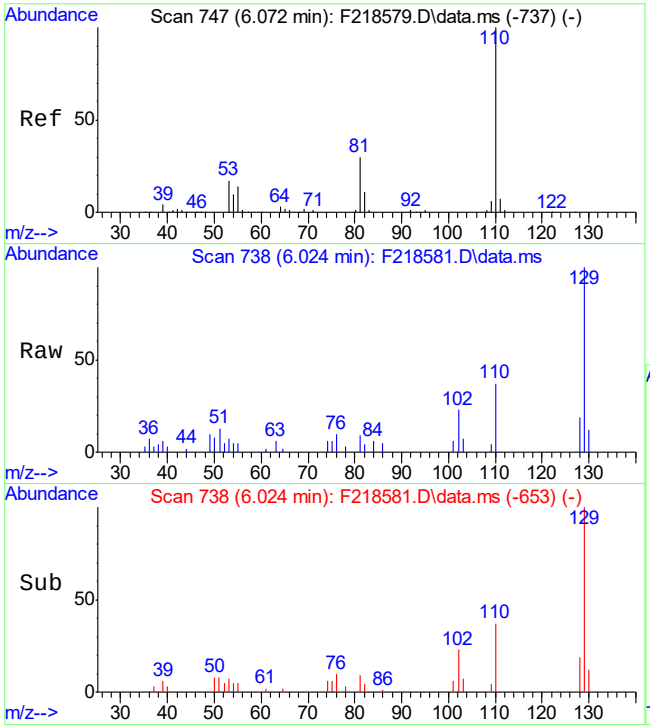


#40
2,3-Dichloroaniline
Concen: 2.08 ppm
RT: 6.516 min Scan# 830
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:161 Resp: 4707

Ion	Ratio	Lower	Upper
161	100		
163	60.5	35.0	95.0
90	28.0	0.0	56.3

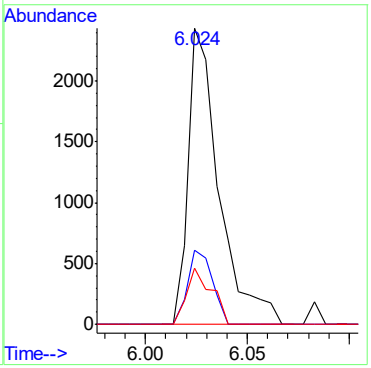


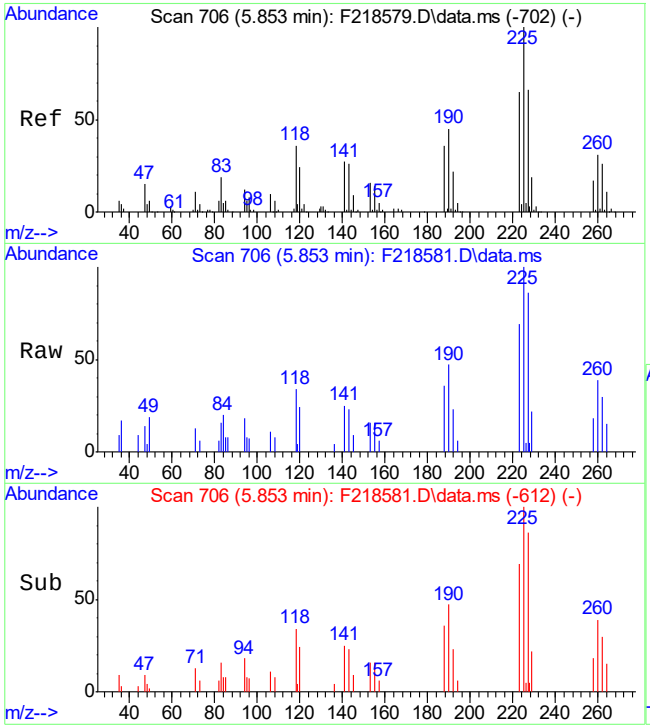


#41
Hydroquinone
Concen: 1.29 ppm
RT: 6.024 min Scan# 738
Delta R.T. -0.048 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:110 Resp: 2557

Ion	Ratio	Lower	Upper
110	100		
81	25.1	0.0	59.9
53	19.2	0.0	47.7

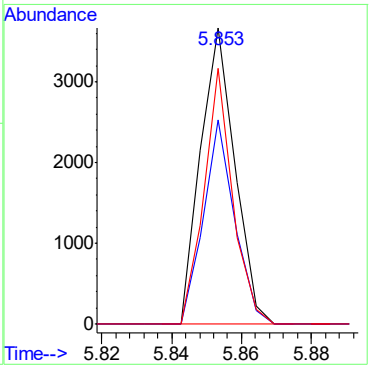


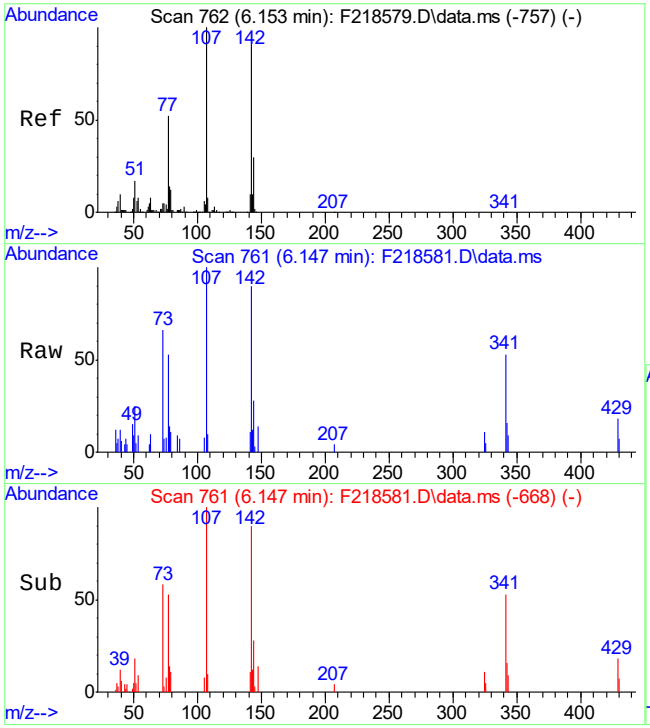


#42
Hexachlorobutadiene
Concen: 2.07 ppm
RT: 5.853 min Scan# 706
Delta R.T. -0.000 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:225 Resp: 2500

Ion	Ratio	Lower	Upper
225	100		
223	69.1	34.5	94.5
227	86.2	35.8	95.8

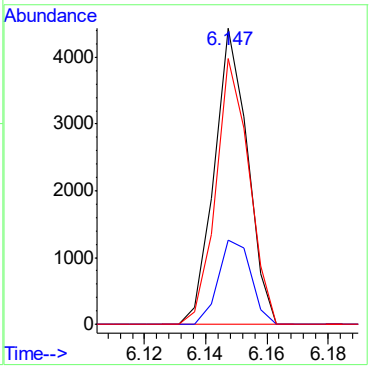


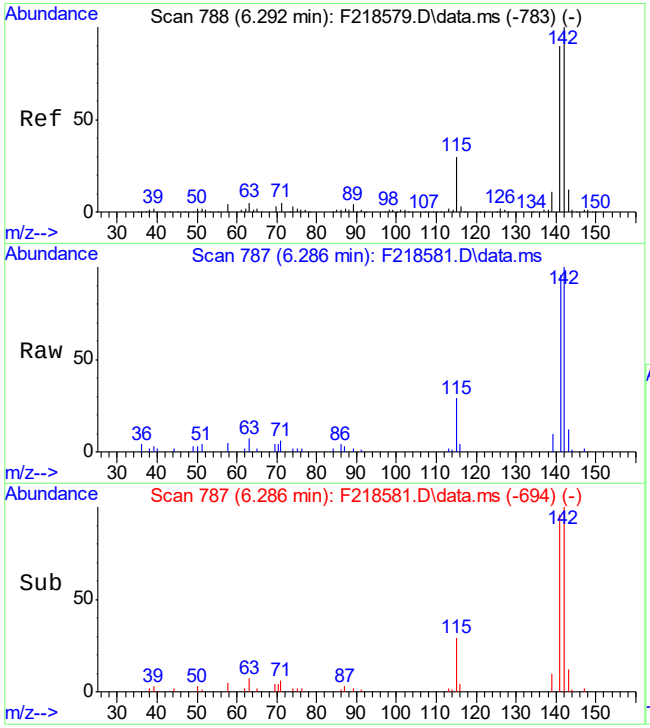


#43
4-Chloro-3-methylphenol
Concen: 1.91 ppm
RT: 6.147 min Scan# 761
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:107 Resp: 3350

Ion	Ratio	Lower	Upper
107	100		
144	28.4	0.0	59.9
142	89.7	61.5	121.5

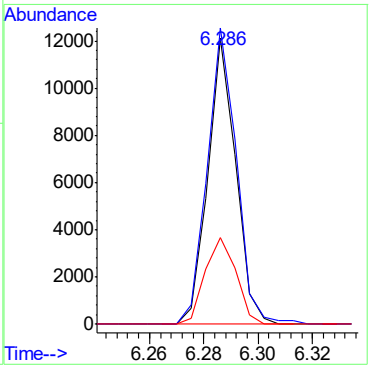


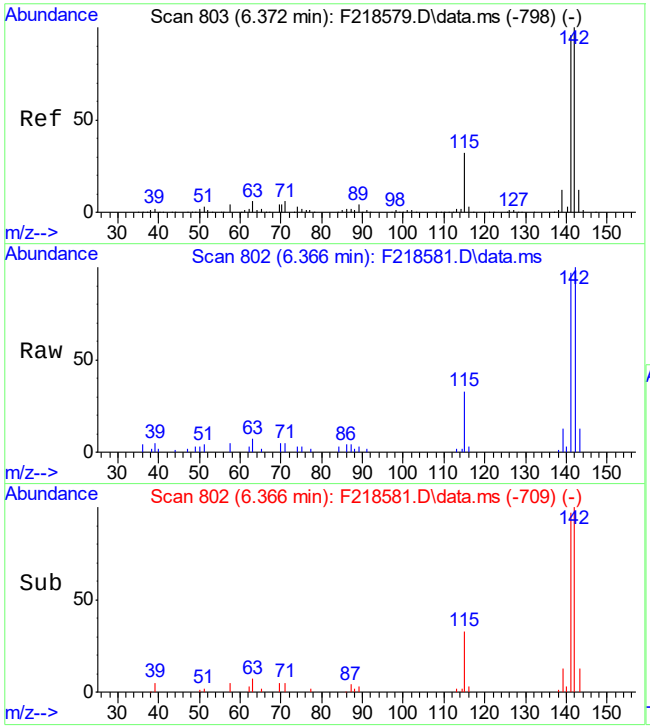


#44
2-Methylnaphthalene
Concen: 2.16 ppm
RT: 6.286 min Scan# 787
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:141 Resp: 8596

Ion	Ratio	Lower	Upper
141	100		
142	103.0	80.5	140.5
115	30.3	2.8	62.8

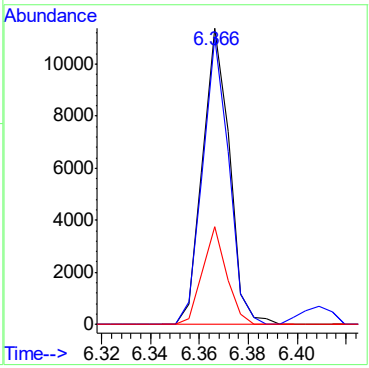


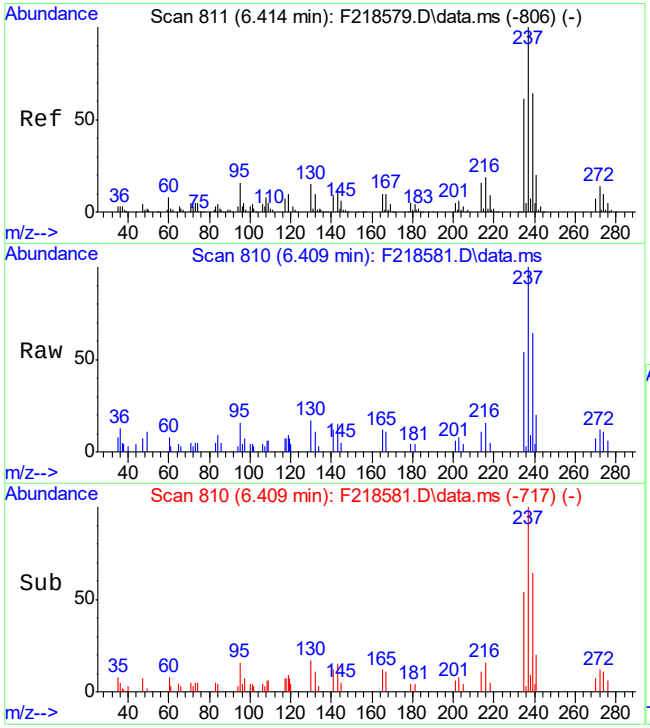


#45
1-Methylnaphthalene
Concen: 2.07 ppm
RT: 6.366 min Scan# 802
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:142 Resp: 8683

Ion	Ratio	Lower	Upper
142	100		
141	95.7	62.9	122.9
115	32.9	2.4	62.4

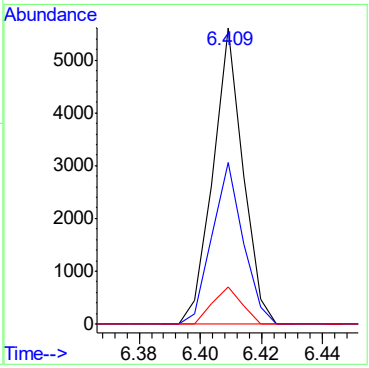


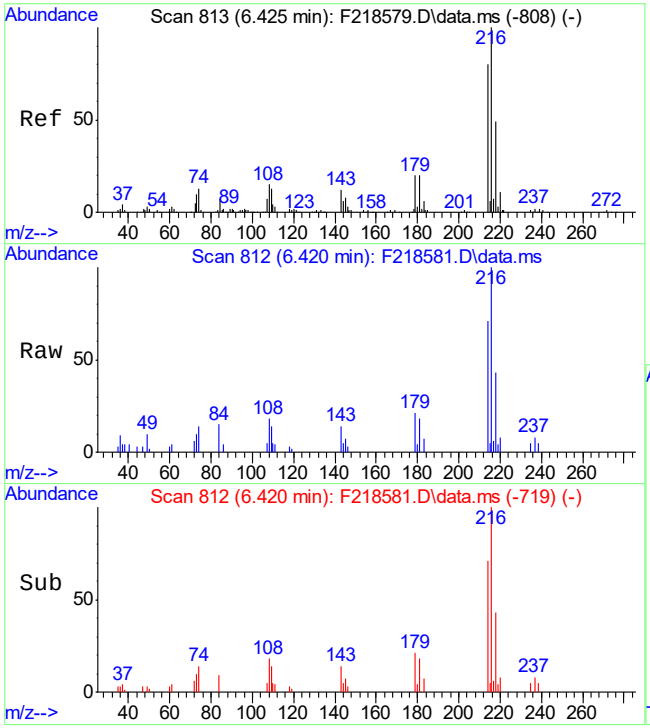


#47
Hexachlorocyclopentadiene
Concen: 3.73 ppm
RT: 6.409 min Scan# 810
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:237 Resp: 3821

Ion	Ratio	Lower	Upper
237	100		
235	54.5	30.8	90.8
272	12.5	0.0	44.0

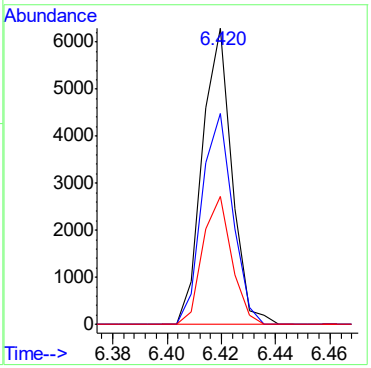


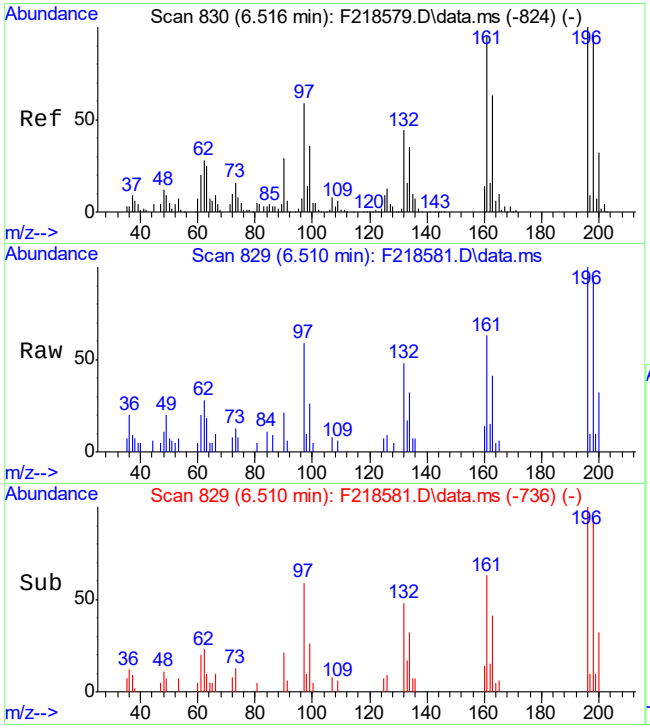


#48
1,2,4,5-tetrachlorobenzene
Concen: 2.20 ppm
RT: 6.420 min Scan# 812
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:216 Resp: 4726

Ion	Ratio	Lower	Upper
216	100		
214	74.2	55.6	103.2
218	42.7	33.6	62.4

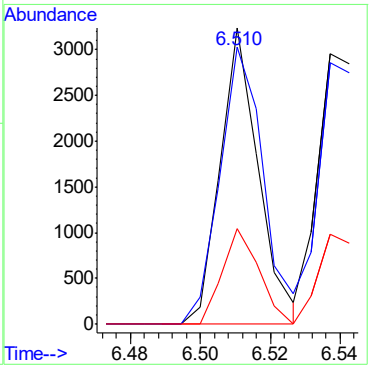


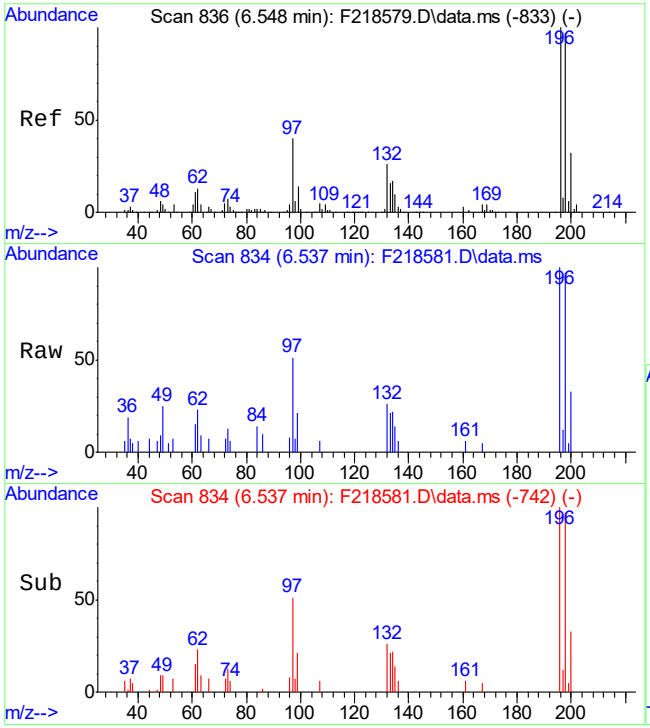


#49
2,4,6-Trichlorophenol
Concen: 1.83 ppm
RT: 6.510 min Scan# 829
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:196 Resp: 2452

Ion	Ratio	Lower	Upper
196	100		
198	91.8	66.2	126.2
200	33.3	1.7	61.7

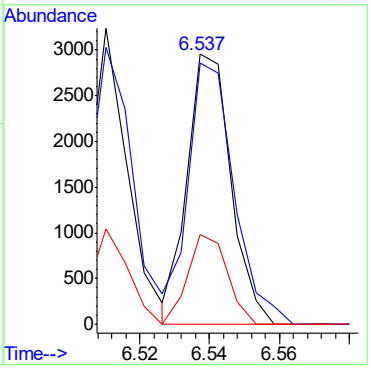


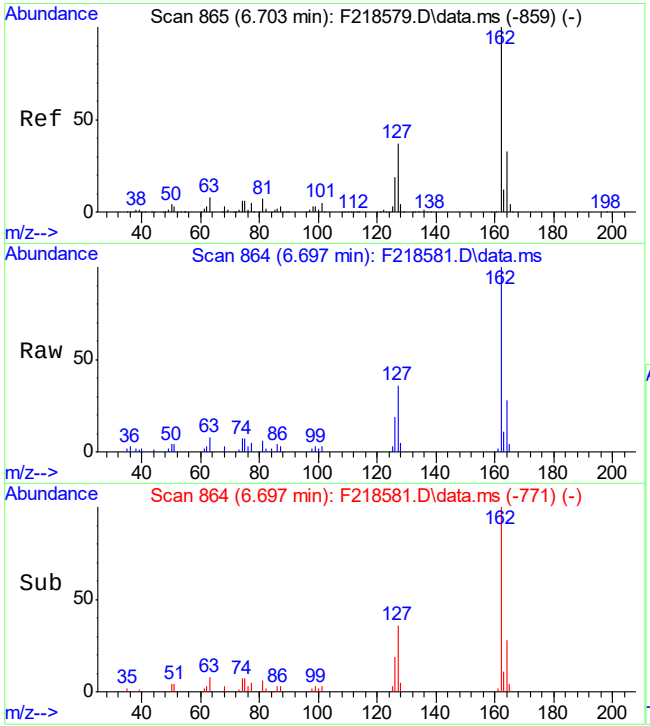


#50
2,4,5-Trichlorophenol
Concen: 1.73 ppm
RT: 6.537 min Scan# 834
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:196 Resp: 2573

Ion	Ratio	Lower	Upper
196	100		
198	95.0	66.8	126.8
200	34.5	1.7	61.7

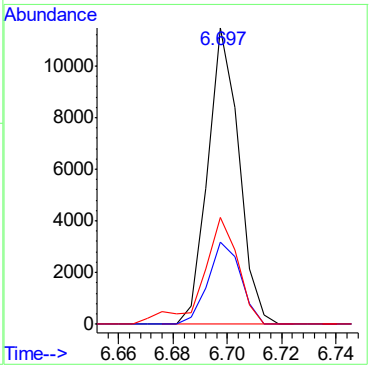


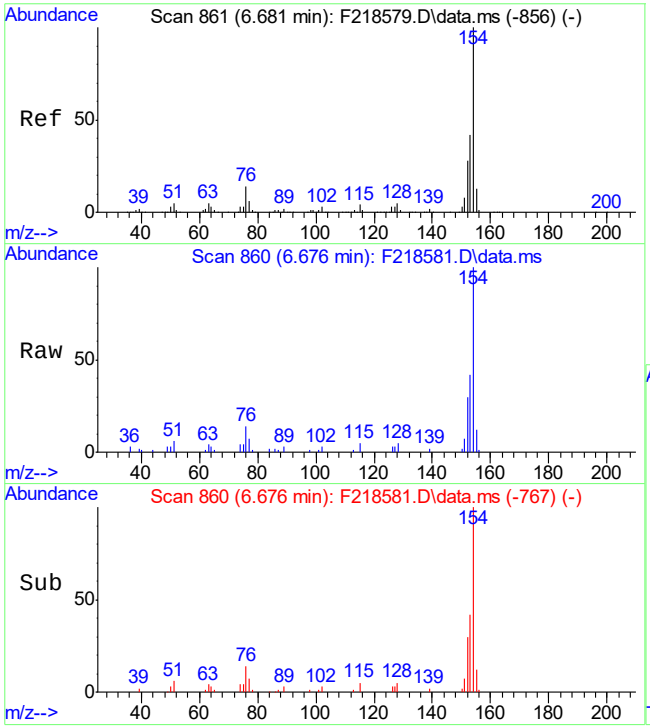


#52
2-Chloronaphthalene
Concen: 2.08 ppm
RT: 6.697 min Scan# 864
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:162 Resp: 9068

Ion	Ratio	Lower	Upper
162	100		
164	27.6	3.0	63.0
127	34.1	6.9	66.9

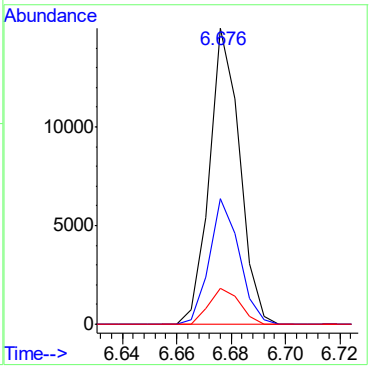


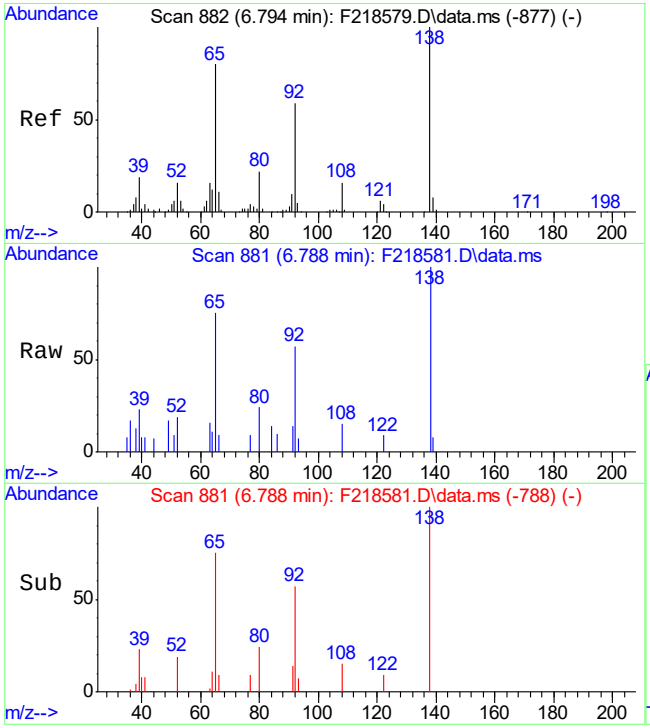


#53
Biphenyl
Concen: 2.06 ppm
RT: 6.676 min Scan# 860
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:154 Resp: 11537

Ion	Ratio	Lower	Upper
154	100		
153	42.3	12.0	72.0
155	12.1	0.0	42.7

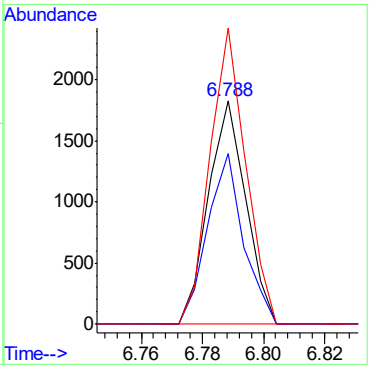


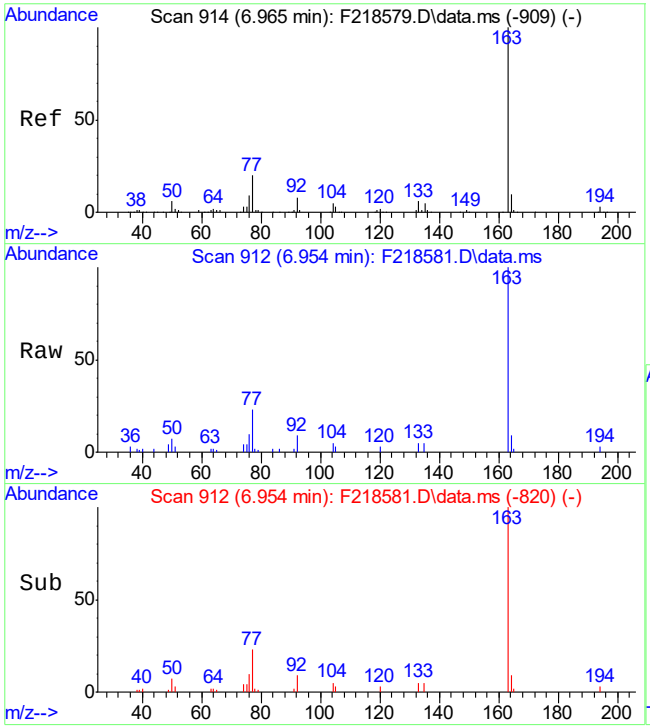


#54
2-Nitroaniline
Concen: 1.53 ppm
RT: 6.788 min Scan# 881
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 65 Resp: 1551

Ion	Ratio	Lower	Upper
65	100		
92	76.2	43.2	103.2
138	132.7	94.6	154.6

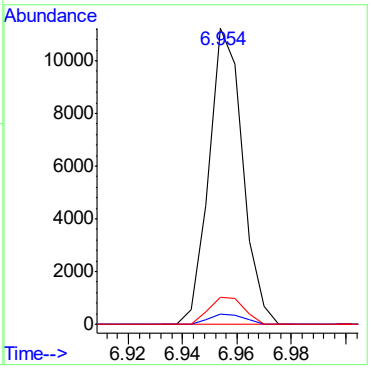


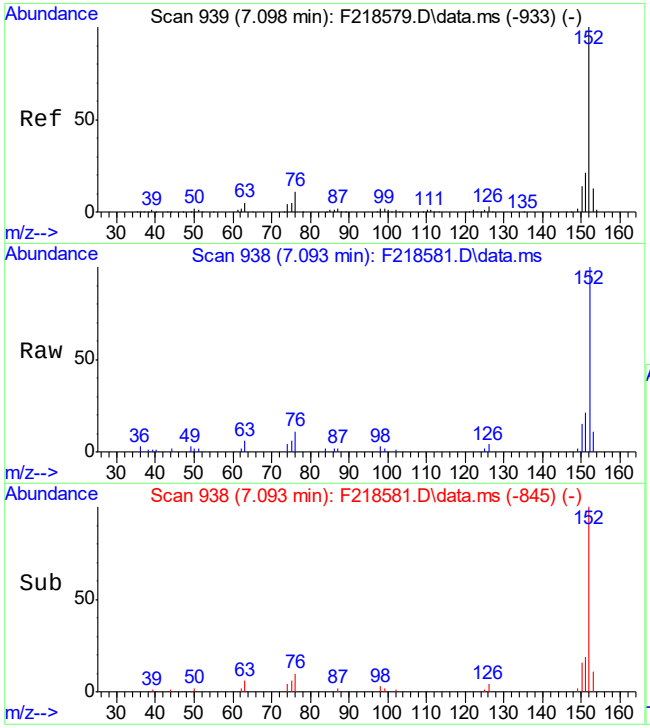


#55
Dimethylphthalate
Concen: 2.03 ppm
RT: 6.954 min Scan# 912
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:163 Resp: 9617

Ion	Ratio	Lower	Upper
163	100		
194	3.5	0.0	33.2
164	9.0	0.0	40.3

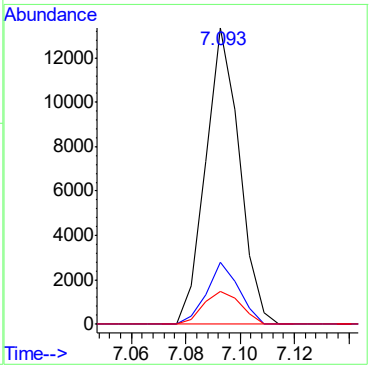


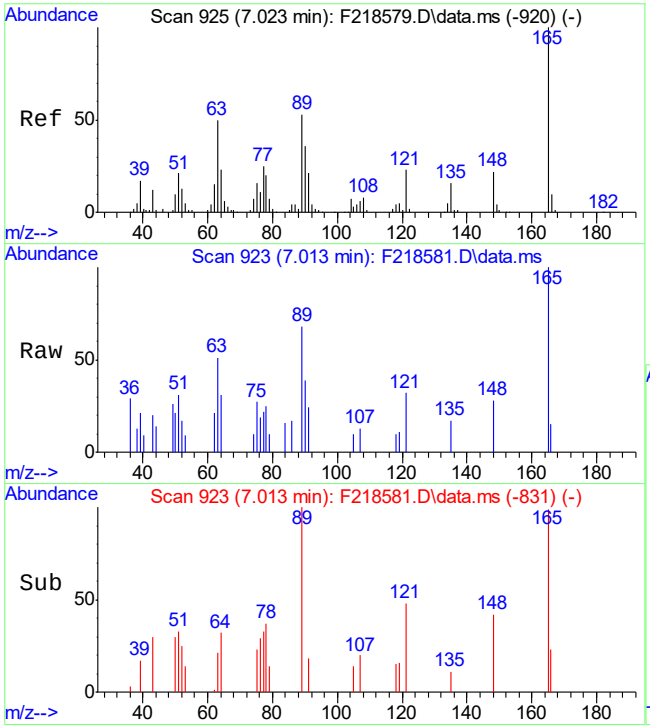


#56
Acenaphthylene
Concen: 2.18 ppm
RT: 7.093 min Scan# 938
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:152 Resp: 11433

Ion	Ratio	Lower	Upper
152	100		
151	21.0	0.0	50.5
153	11.2	0.0	43.0

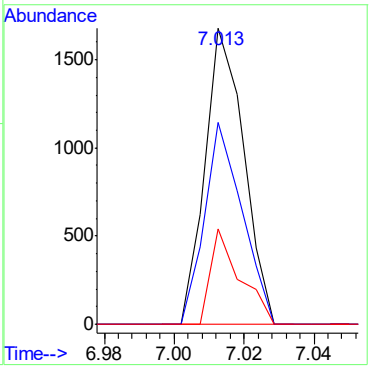


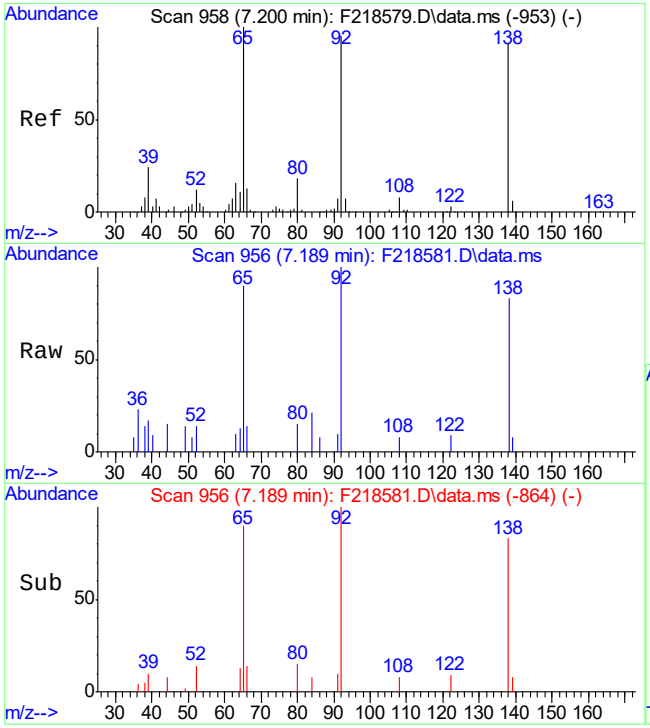


#57
2,6-Dinitrotoluene
Concen: 1.37 ppm
RT: 7.013 min Scan# 923
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:165 Resp: 1293

Ion	Ratio	Lower	Upper
165	100		
89	68.2	23.2	83.2
121	32.4	0.0	52.8

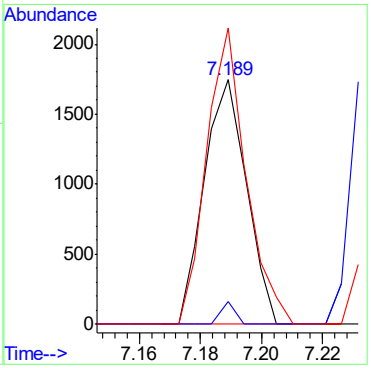


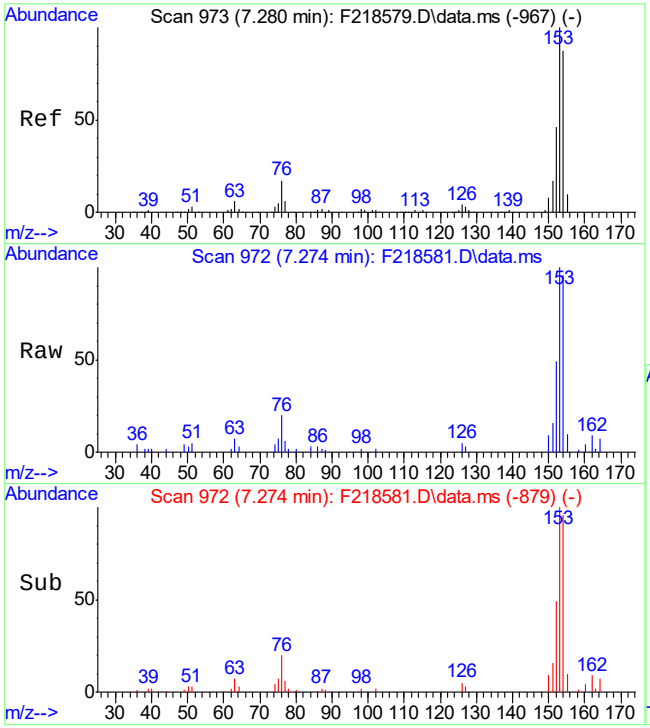


#58
3-Nitroaniline
Concen: 1.44 ppm
RT: 7.189 min Scan# 956
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:138 Resp: 1668

Ion	Ratio	Lower	Upper
138	100		
108	9.3	0.0	38.0
92	121.1	74.4	134.4

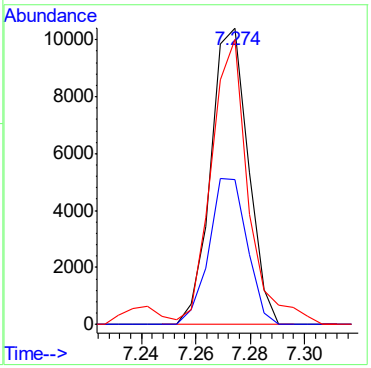


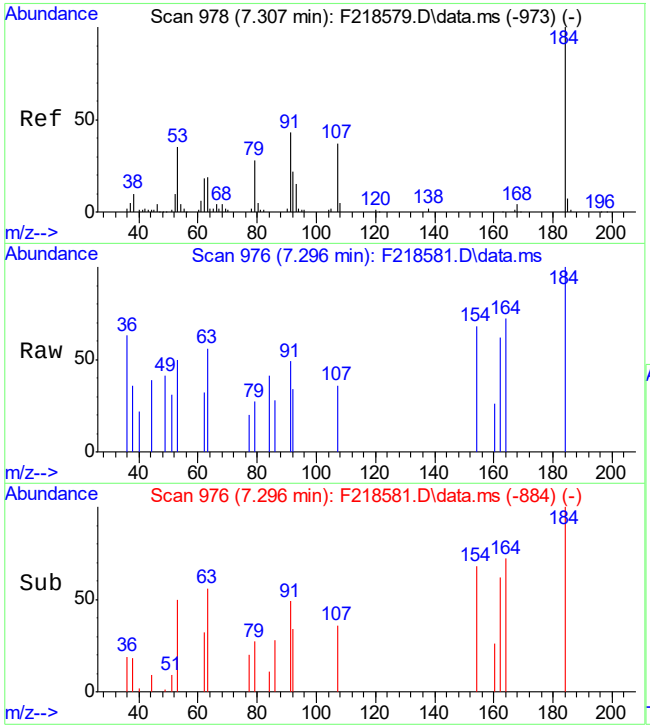


#59
Acenaphthene
Concen: 2.08 ppm
RT: 7.274 min Scan# 972
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:153 Resp: 9913

Ion	Ratio	Lower	Upper
153	100		
152	49.1	16.3	76.3
154	92.1	57.4	117.4

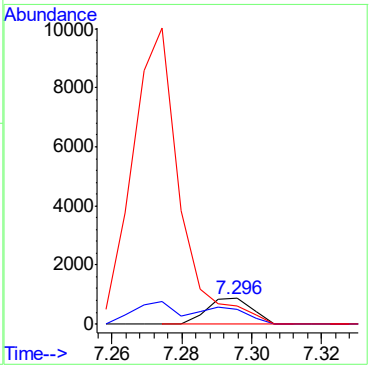


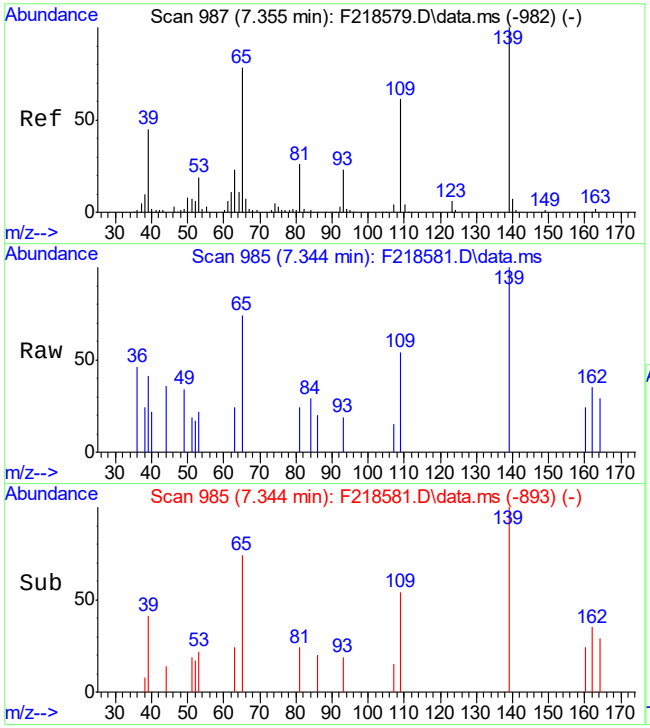


#60
2,4-Dinitrophenol
Concen: 1.78 ppm
RT: 7.296 min Scan# 976
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:184 Resp: 783

Ion	Ratio	Lower	Upper
184	100		
63	12.4	0.0	60.0
154	0.0	0.0	30.0

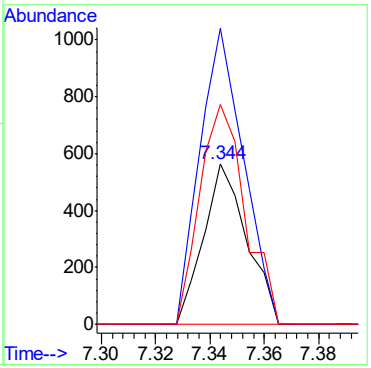


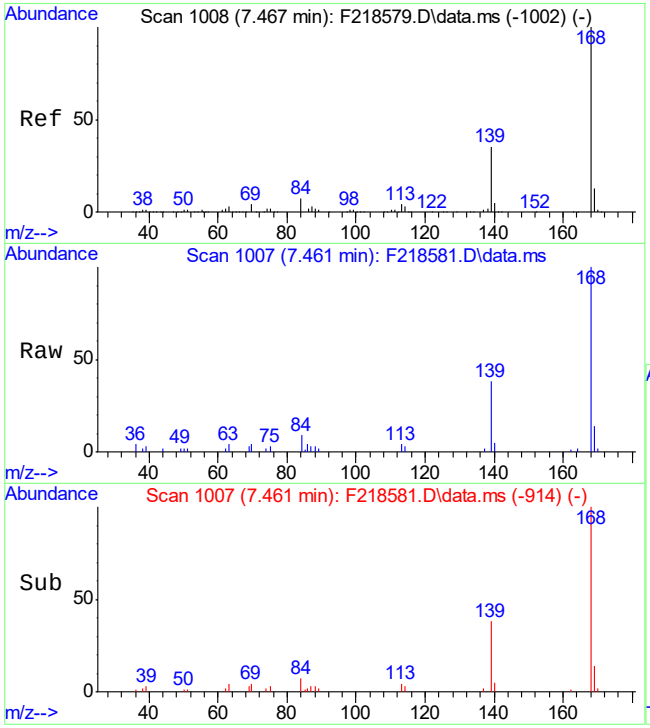


#61
4-Nitrophenol
Concen: 1.13 ppm
RT: 7.344 min Scan# 985
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:109 Resp: 621

Ion	Ratio	Lower	Upper
109	100		
139	184.6	134.4	194.4
65	137.4	98.6	158.6

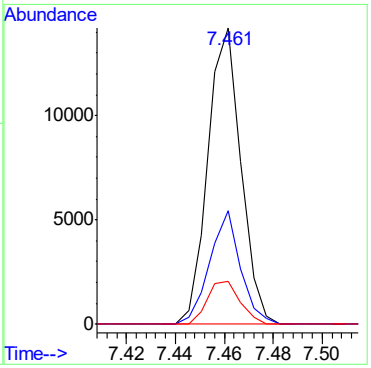


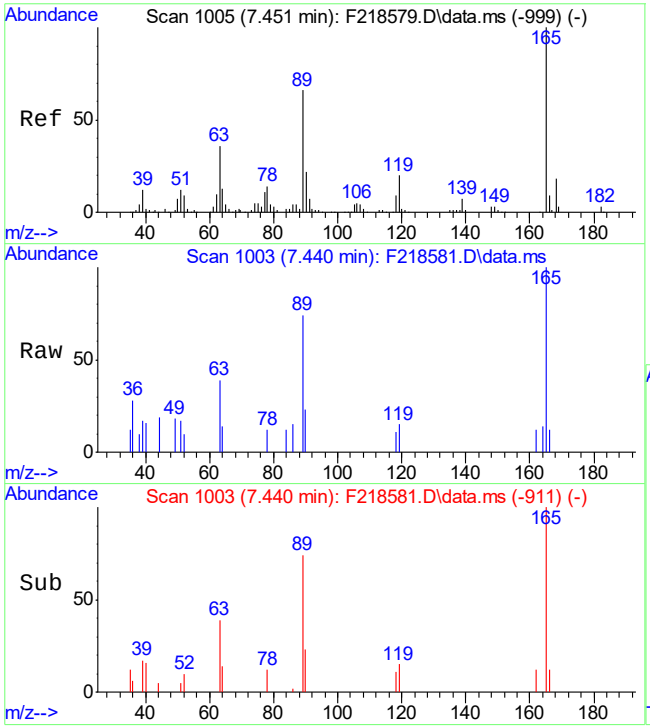


#62
Dibenzofuran
Concen: 2.18 ppm
RT: 7.461 min Scan# 1007
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:168 Resp: 13351

Ion	Ratio	Lower	Upper
168	100		
139	38.2	5.2	65.2
169	14.4	0.0	43.3

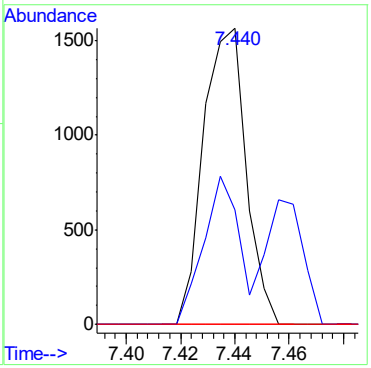


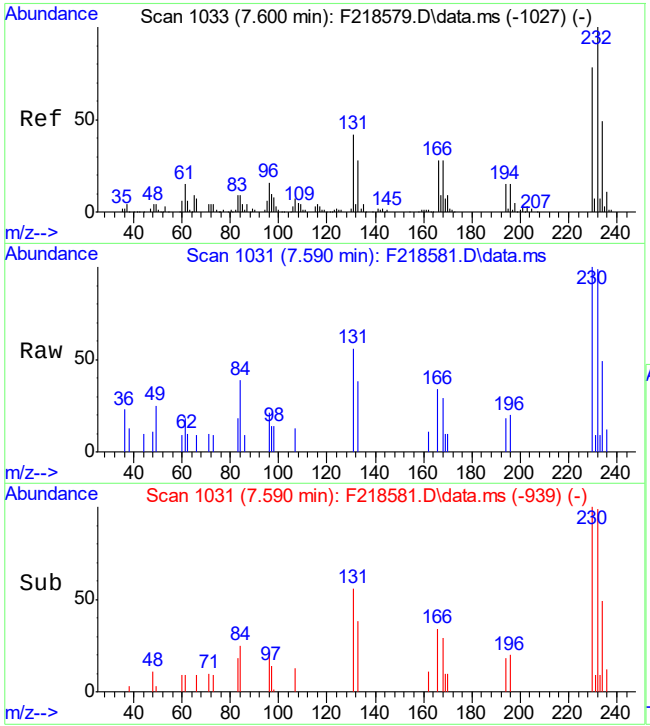


#63
2,4-Dinitrotoluene
Concen: 1.35 ppm
RT: 7.440 min Scan# 1003
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:165 Resp: 1698

Ion	Ratio	Lower	Upper
165	100		
63	18.3	6.1	66.1
182	0.0	0.0	32.6

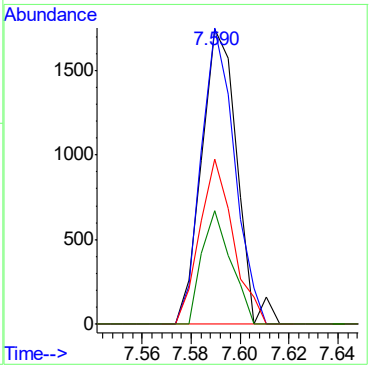


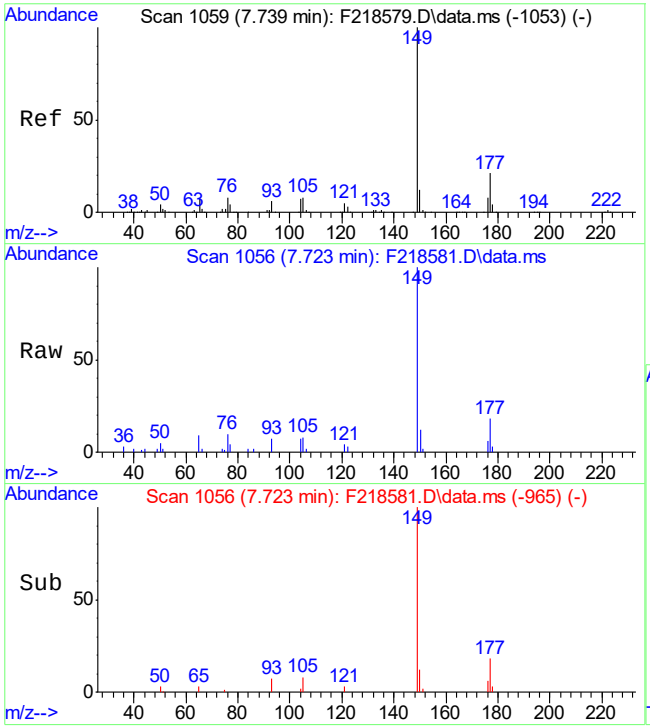


#64
2,3,4,6-Tetrachlorophenol
Concen: 1.48 ppm
RT: 7.590 min Scan# 1031
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:232 Resp: 1748

Ion	Ratio	Lower	Upper
232	100		
230	100.5	48.4	108.4
131	56.0	11.7	71.7
133	38.5	0.0	57.9

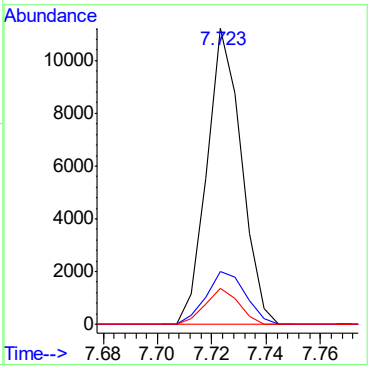


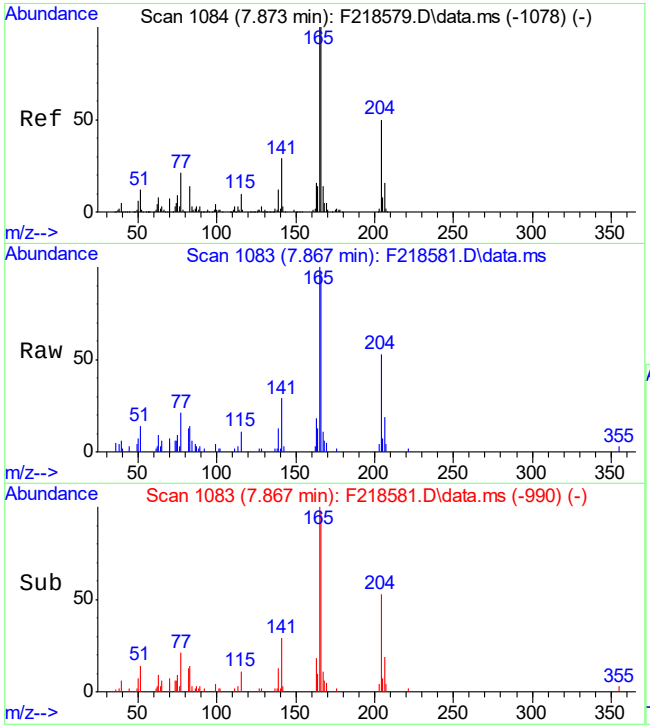


#65
Diethylphthalate
Concen: 2.04 ppm
RT: 7.723 min Scan# 1056
Delta R.T. -0.016 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:149 Resp: 9837

Ion	Ratio	Lower	Upper
149	100		
177	17.7	0.0	50.6
150	12.3	0.0	42.0

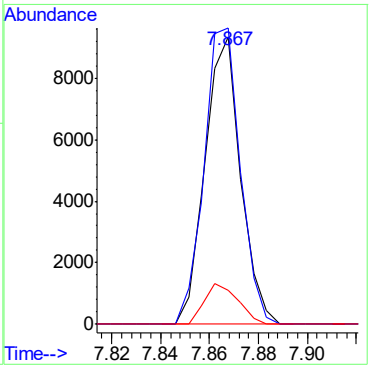


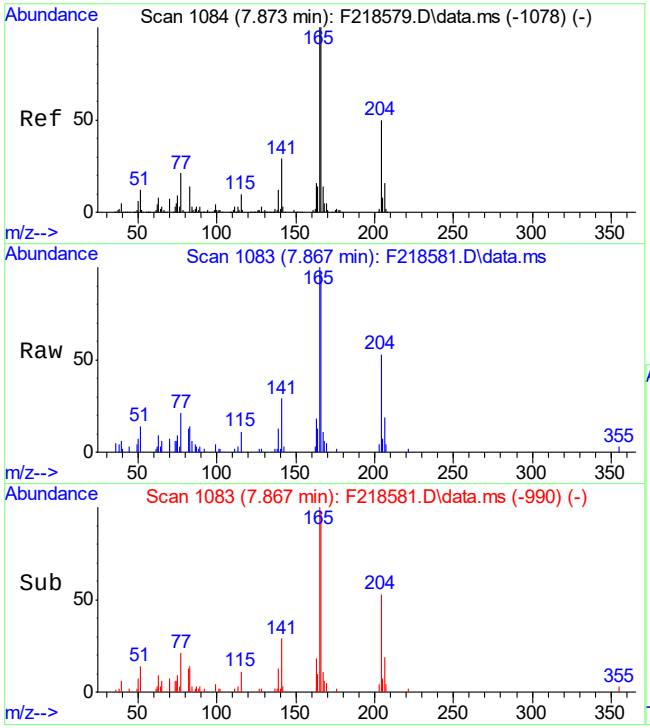


#66
Fluorene
Concen: 1.95 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:166 Resp: 9465

Ion	Ratio	Lower	Upper
166	100		
165	103.1	69.8	129.8
167	11.8	0.0	43.7

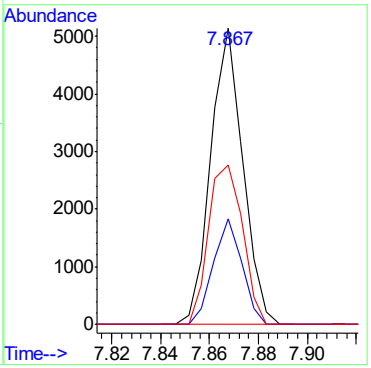


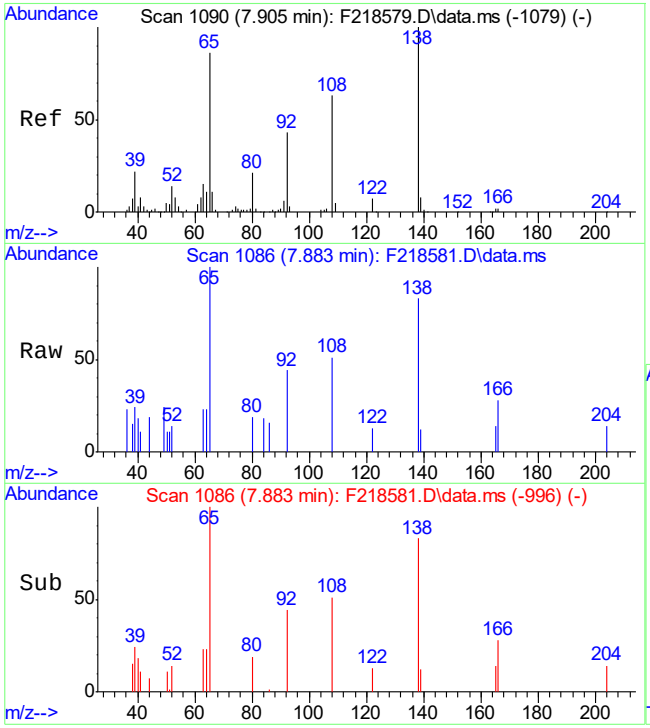


#67
4-Chlorophenyl-phenylether
Concen: 2.09 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:204 Resp: 4708

Ion	Ratio	Lower	Upper
204	100		
206	35.7	2.1	62.1
141	53.6	26.8	86.8

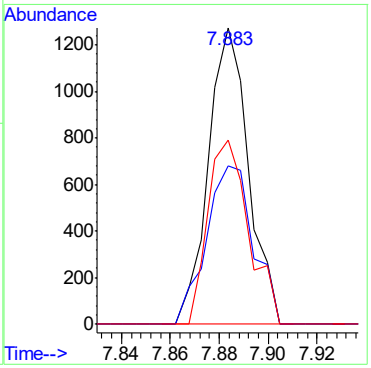


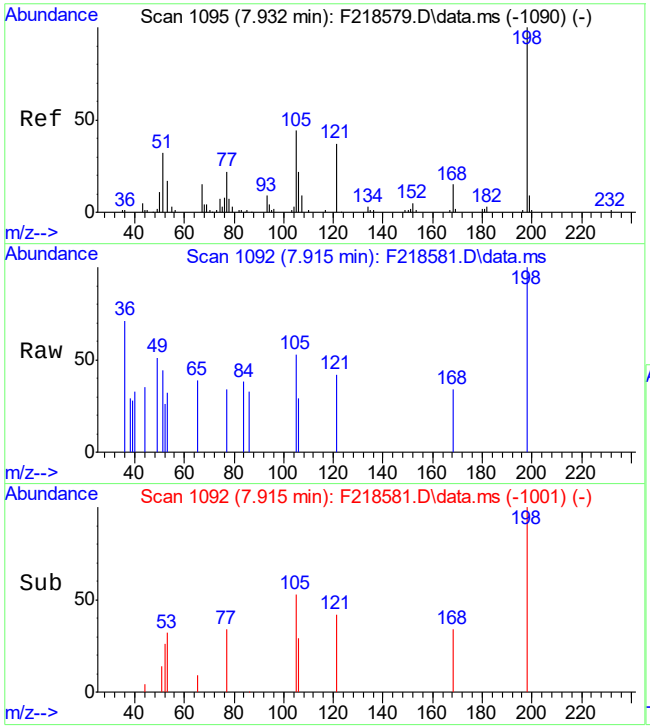


#68
4-Nitroaniline
Concen: 1.18 ppm
RT: 7.883 min Scan# 1086
Delta R.T. -0.021 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:138 Resp: 1453

Ion	Ratio	Lower	Upper
138	100		
92	53.5	13.3	73.3
108	62.0	32.8	92.8

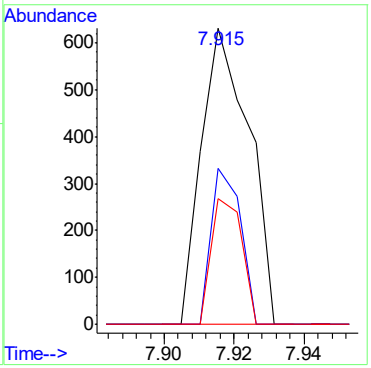


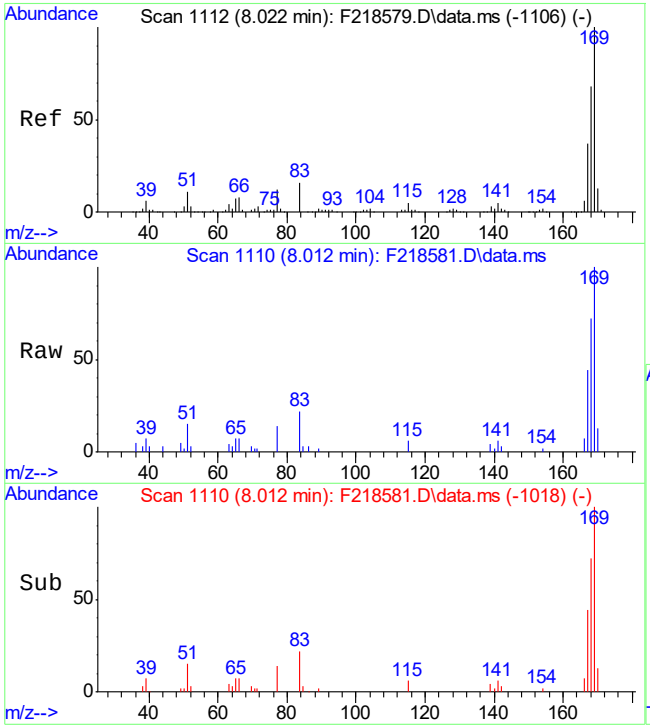


#70
4,6-Dinitro-2-methylphenol
Concen: 1.06 ppm
RT: 7.915 min Scan# 1092
Delta R.T. -0.016 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:198 Resp: 598

Ion	Ratio	Lower	Upper
198	100		
105	52.8	14.8	74.8
121	42.5	7.1	67.1

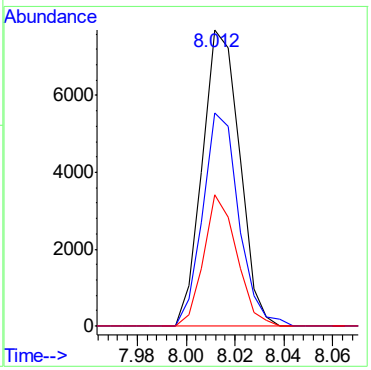


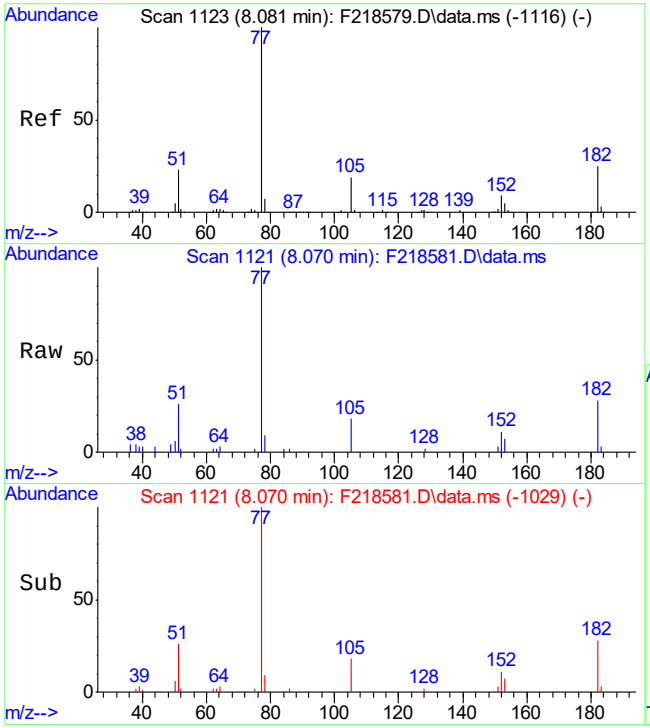


#71
n-Nitrosodiphenylamine
Concen: 1.97 ppm
RT: 8.012 min Scan# 1110
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:169 Resp: 8192

Ion	Ratio	Lower	Upper
169	100		
168	72.0	37.7	97.7
167	44.4	7.1	67.1

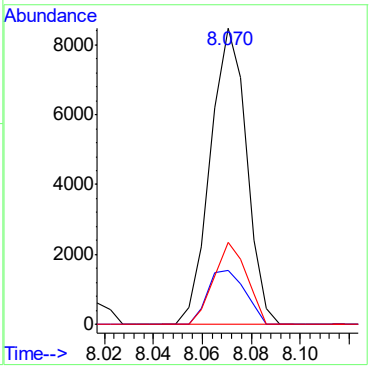


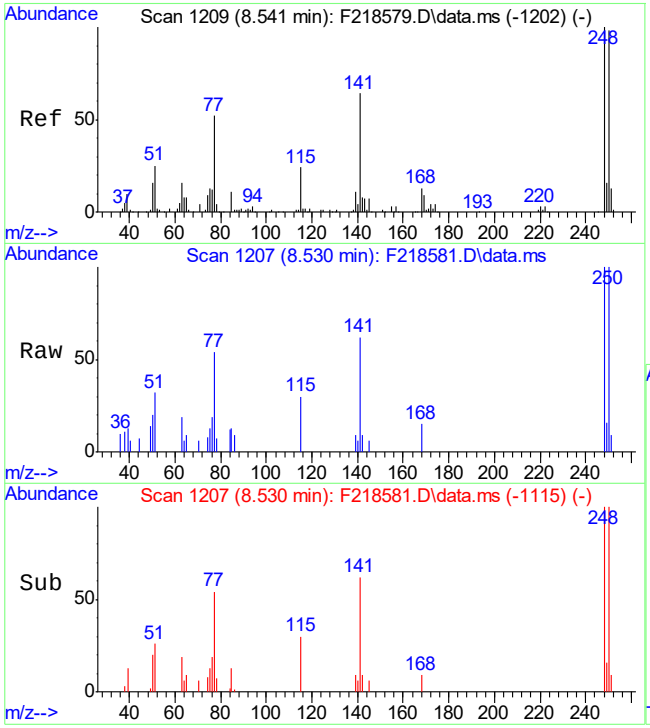


#72
1,2-Diphenylhydrazine
Concen: 1.86 ppm
RT: 8.070 min Scan# 1121
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 77 Resp: 8753

Ion	Ratio	Lower	Upper
77	100		
105	18.1	0.0	48.6
182	27.7	0.0	54.6

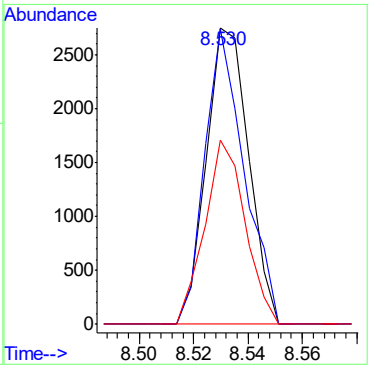


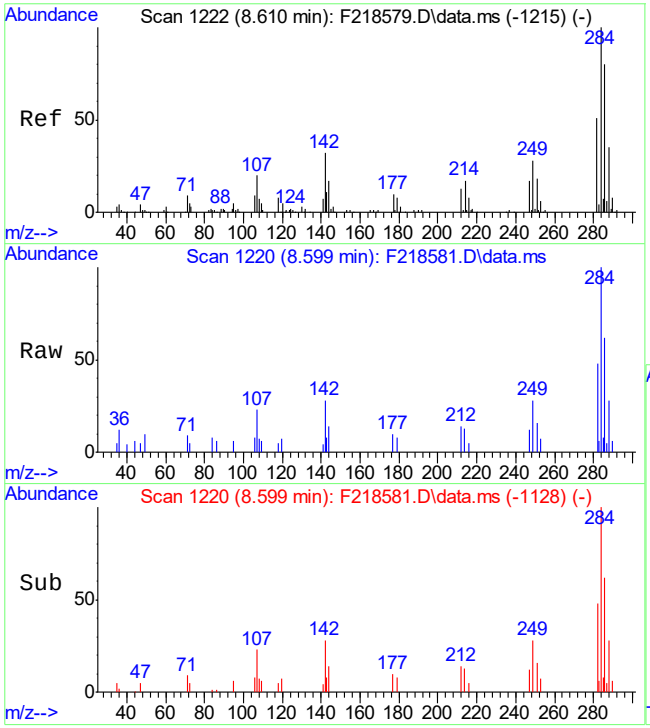


#74
4-Bromophenyl-phenylether
Concen: 2.05 ppm
RT: 8.530 min Scan# 1207
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:248 Resp: 2962

Ion	Ratio	Lower	Upper
248	100		
250	99.7	68.3	128.3
141	62.1	34.4	94.4

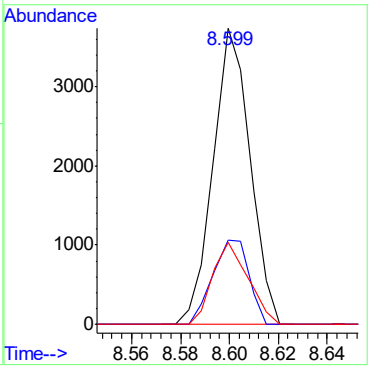


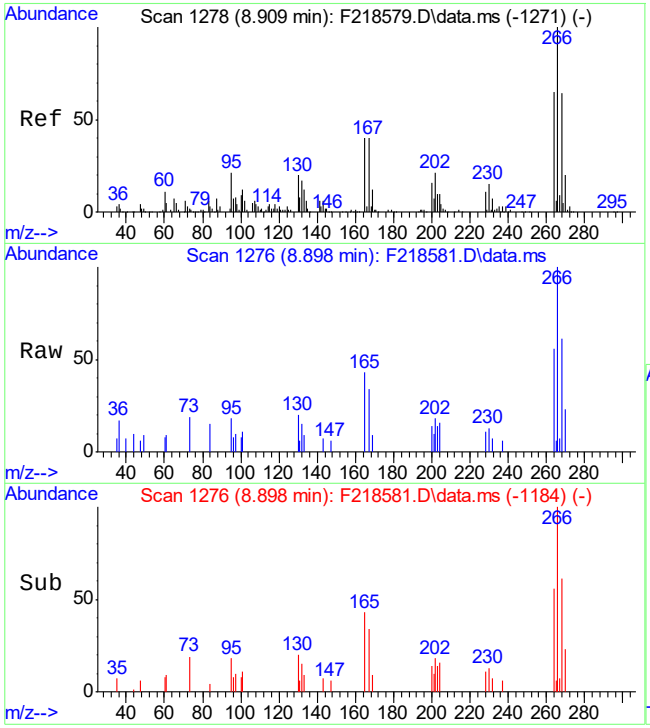


#75
Hexachlorobenzene
Concen: 2.21 ppm
RT: 8.599 min Scan# 1220
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:284 Resp: 3955

Ion	Ratio	Lower	Upper
284	100		
142	28.5	2.4	62.4
249	27.6	0.0	57.7

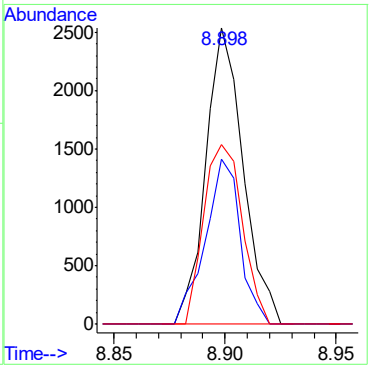


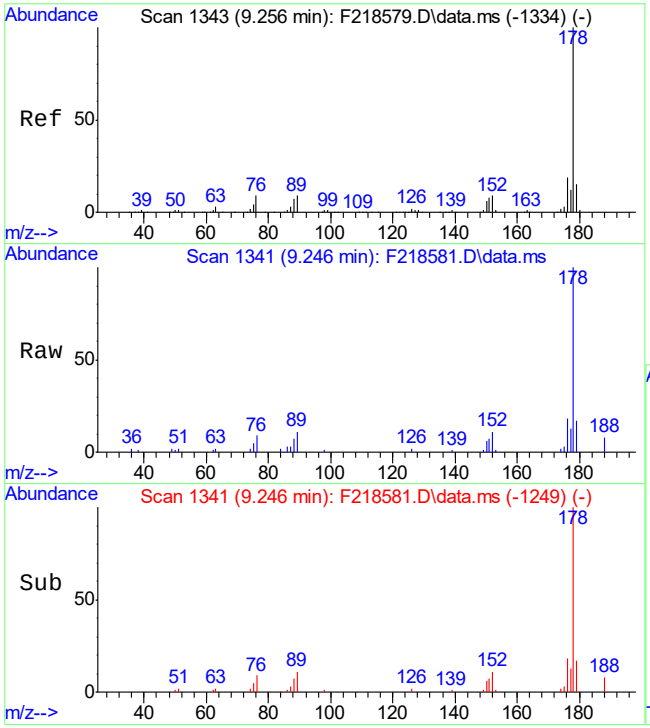


#76
Pentachlorophenol
Concen: 2.81 ppm
RT: 8.898 min Scan# 1276
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:266 Resp: 2979

Ion	Ratio	Lower	Upper
266	100		
264	55.6	34.7	94.7
268	60.6	33.8	93.8

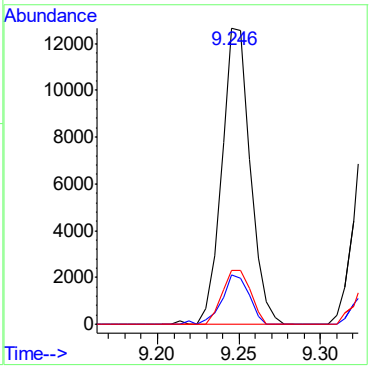


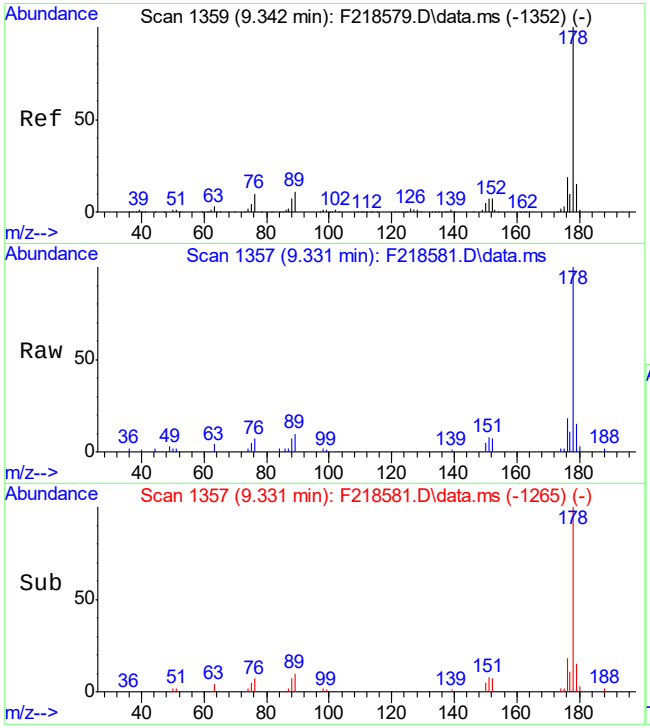


#77
Phenanthrene
Concen: 2.09 ppm
RT: 9.246 min Scan# 1341
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:178 Resp: 15347

Ion	Ratio	Lower	Upper
178	100		
179	16.7	0.0	45.2
176	18.3	0.0	48.7

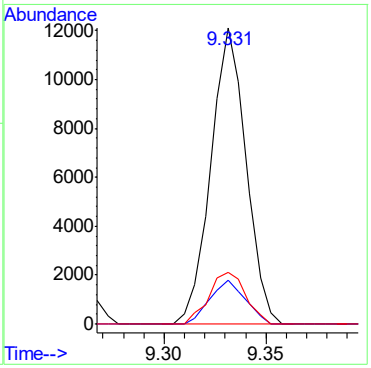


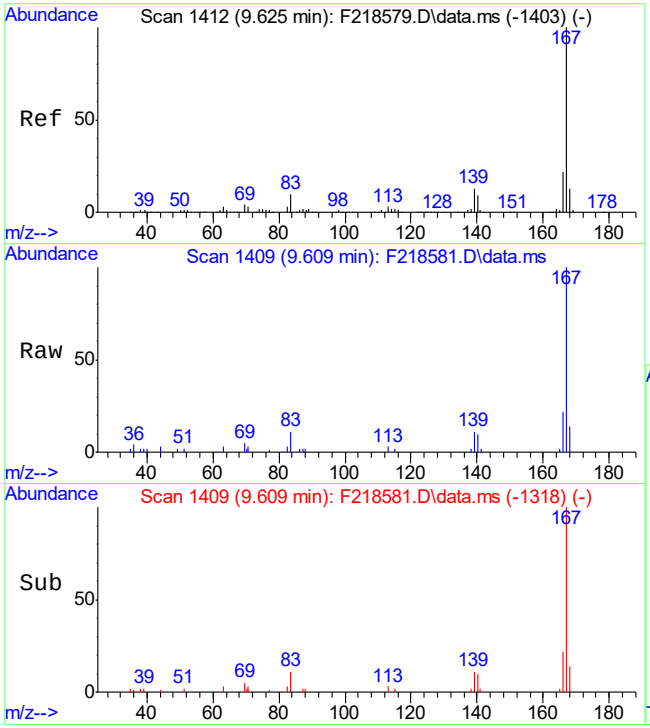


#78
Anthracene
Concen: 1.97 ppm
RT: 9.331 min Scan# 1357
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:178 Resp: 14529

Ion	Ratio	Lower	Upper
178	100		
179	14.8	0.0	45.2
176	17.5	0.0	48.6

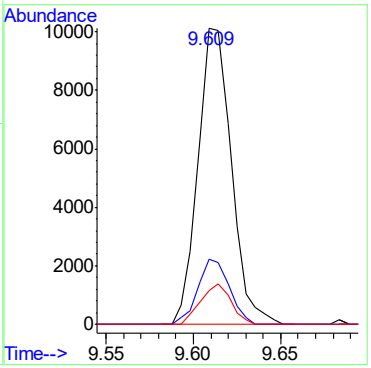


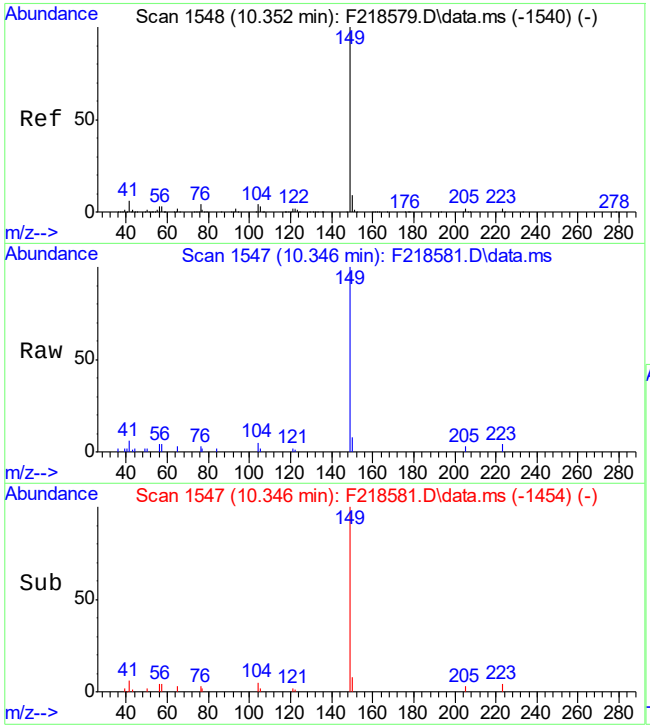


#79
Carbazole
Concen: 1.98 ppm
RT: 9.609 min Scan# 1409
Delta R.T. -0.016 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:167 Resp: 13463

Ion	Ratio	Lower	Upper
167	100		
166	21.9	0.0	52.1
139	11.4	0.0	42.7

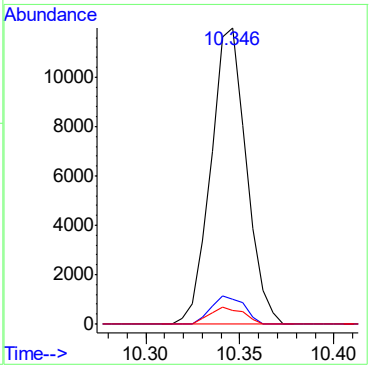


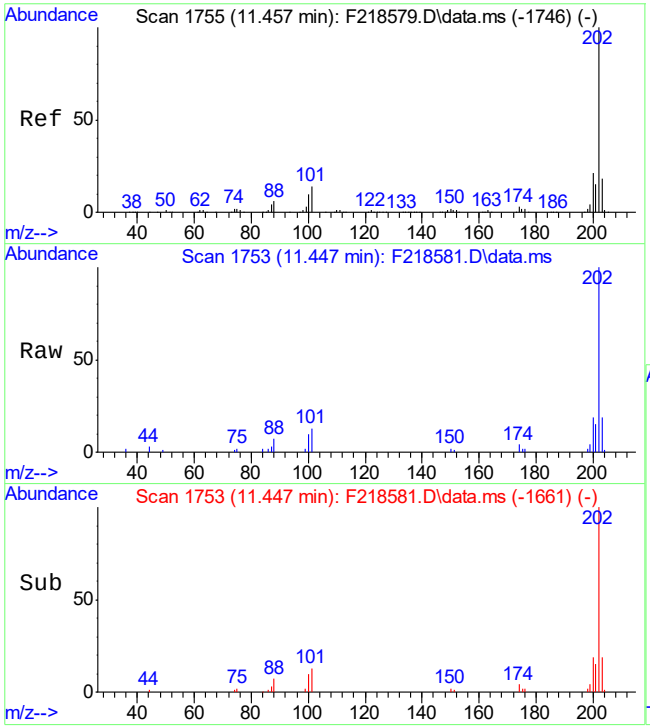


#80
Di-n-butylphthalate
Concen: 1.78 ppm
RT: 10.346 min Scan# 1547
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:149 Resp: 15617

Ion	Ratio	Lower	Upper
149	100		
150	8.4	0.0	39.1
104	4.6	0.0	34.5

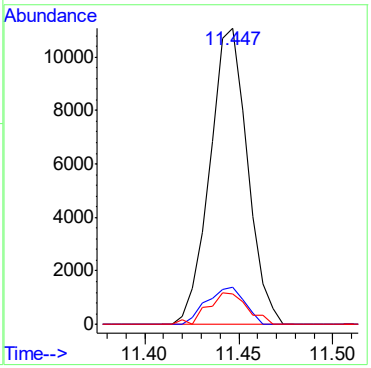


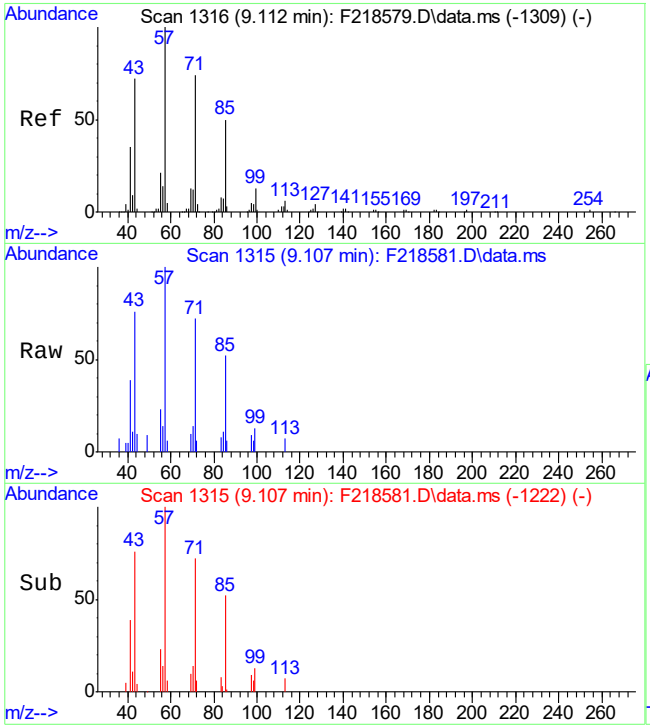


#81
Fluoranthene
Concen: 1.94 ppm
RT: 11.447 min Scan# 1753
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:202 Resp: 15361

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	43.8
100	10.3	0.0	40.4

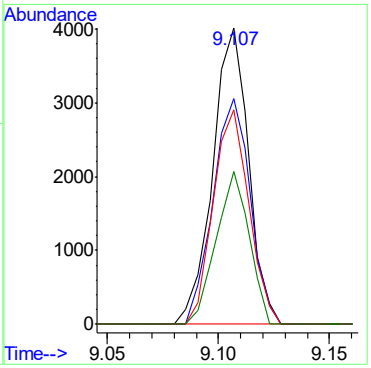


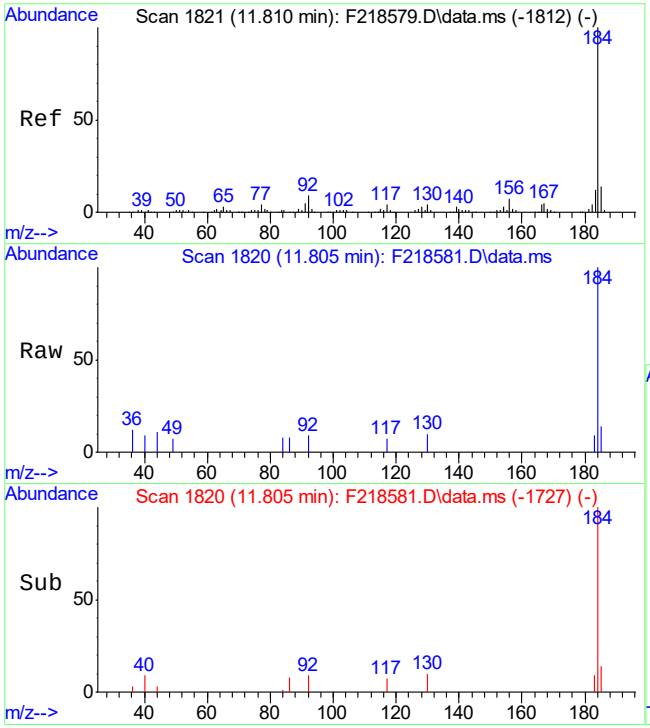


#82
Octadecane
Concen: 1.71 ppm
RT: 9.107 min Scan# 1315
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion: 57 Resp: 4501

Ion	Ratio	Lower	Upper
57	100		
43	76.3	42.0	102.0
71	72.3	43.7	103.7
85	51.6	20.3	80.3

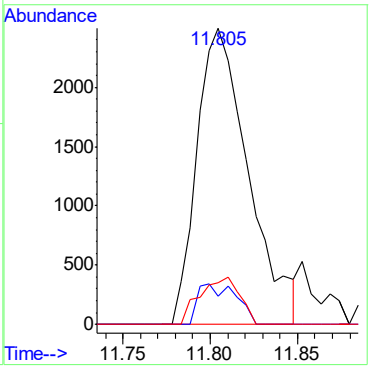


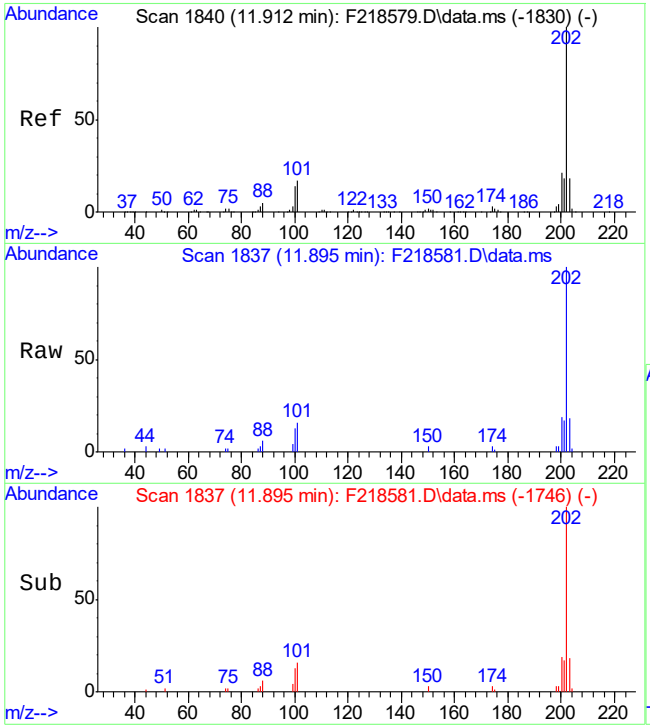


#84
Benzidine
Concen: 1.16 ppm
RT: 11.805 min Scan# 1820
Delta R.T. -0.005 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:184 Resp: 5119

Ion	Ratio	Lower	Upper
184	100		
183	10.2	0.0	61.9
185	15.1	0.0	63.7

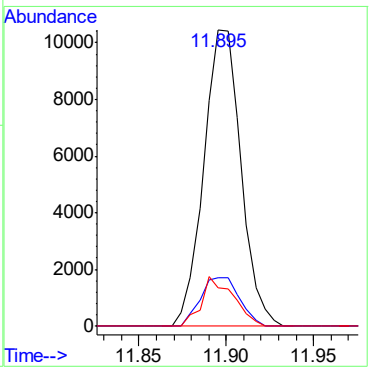


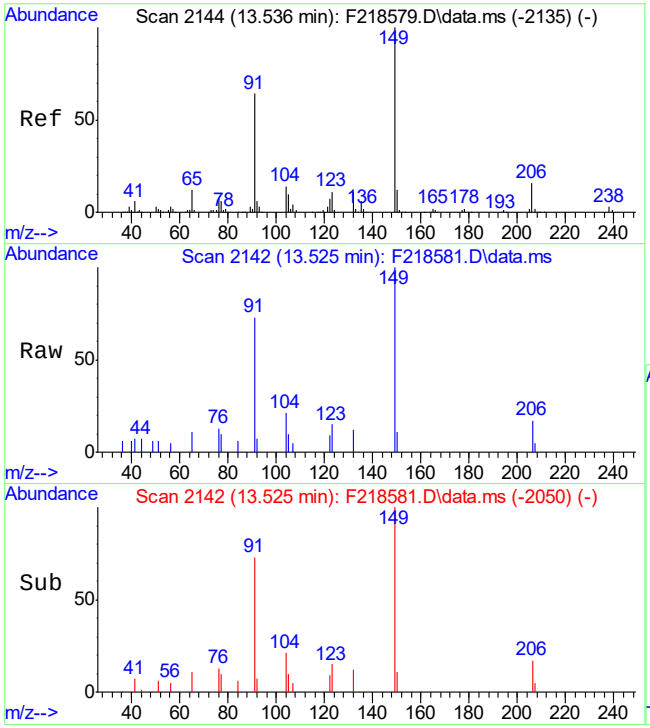


#85
Pyrene
Concen: 1.96 ppm
RT: 11.895 min Scan# 1837
Delta R.T. -0.016 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:202 Resp: 15473

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	46.8
100	12.8	0.0	44.1

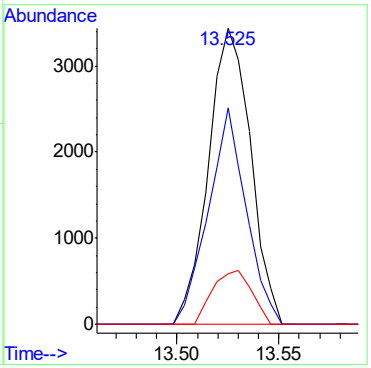


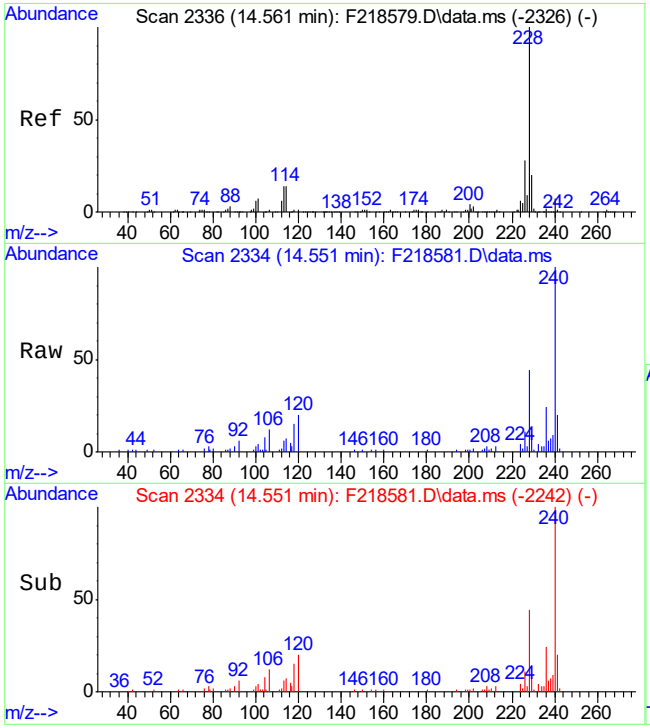


#87
Butylbenzylphthalate
Concen: 1.38 ppm
RT: 13.525 min Scan# 2142
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:149 Resp: 4952

Ion	Ratio	Lower	Upper
149	100		
91	73.1	34.1	94.1
206	17.1	0.0	46.0

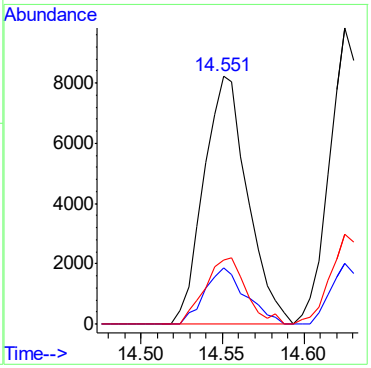


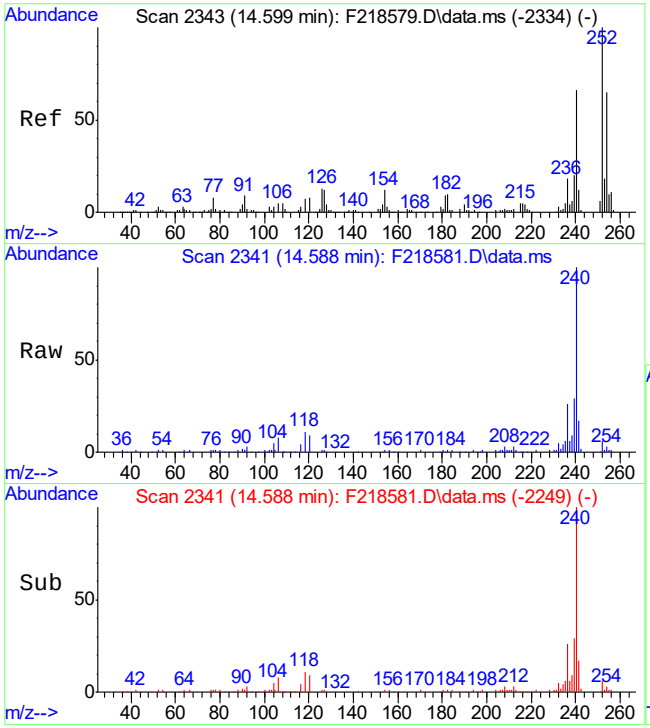


#88
Benzo[a]anthracene
Concen: 2.03 ppm
RT: 14.551 min Scan# 2334
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:228 Resp: 15378

Ion	Ratio	Lower	Upper
228	100		
229	22.8	0.0	50.4
226	25.9	0.0	57.6

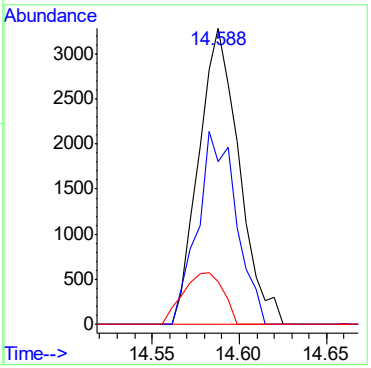


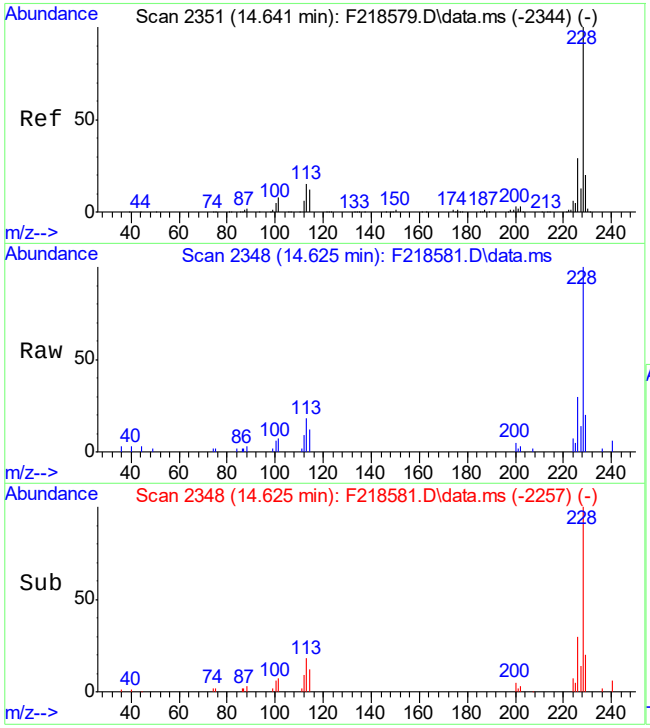


#89
3,3'-Dichlorobenzidine
Concen: 1.73 ppm
RT: 14.588 min Scan# 2341
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:252 Resp: 5277

Ion	Ratio	Lower	Upper
252	100		
254	54.8	34.6	94.6
126	14.5	0.0	43.3

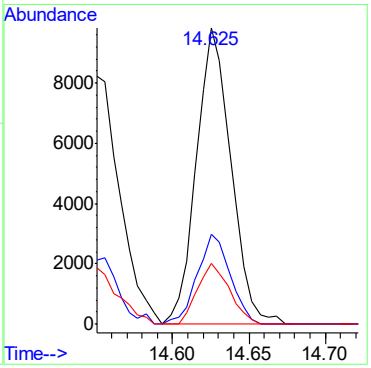


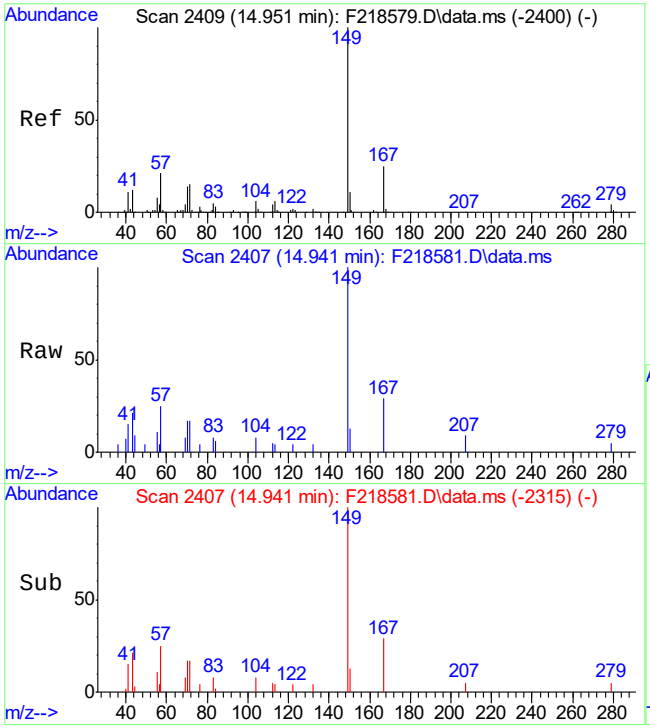


#90
Chrysene
Concen: 2.09 ppm
RT: 14.625 min Scan# 2348
Delta R.T. -0.016 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:228 Resp: 15445

Ion	Ratio	Lower	Upper
228	100		
226	30.4	0.0	58.8
229	20.3	0.0	49.7

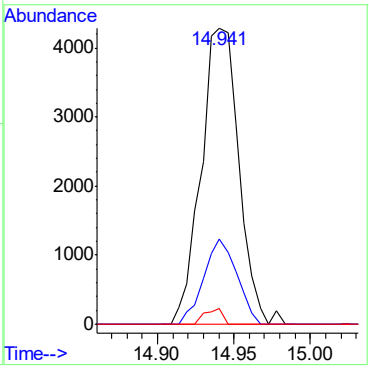


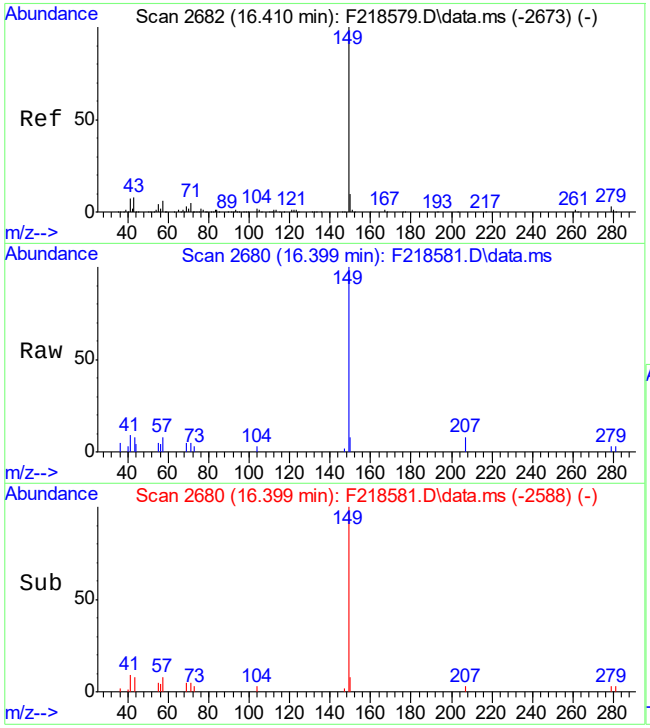


#91
bis(2-Ethylhexyl)phthalate
Concen: 1.35 ppm
RT: 14.941 min Scan# 2407
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:149 Resp: 7351

Ion	Ratio	Lower	Upper
149	100		
167	28.7	0.0	55.1
279	5.4	0.0	33.8

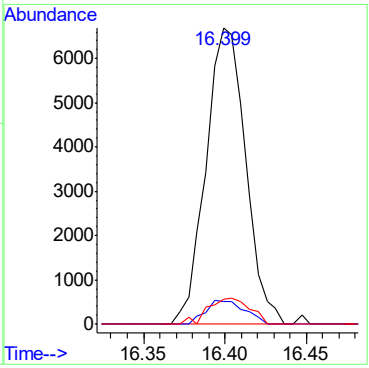


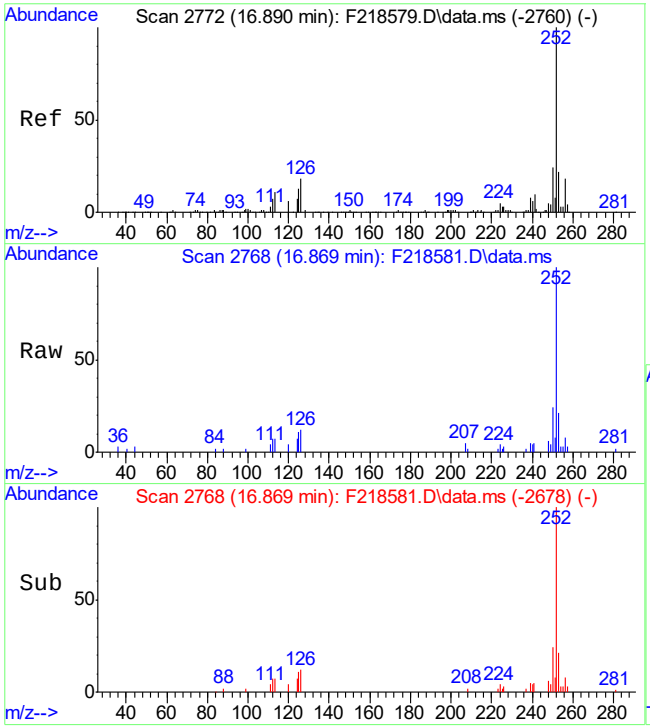


#93
Di-n-octylphthalate
Concen: 1.11 ppm
RT: 16.399 min Scan# 2680
Delta R.T. -0.011 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:149 Resp: 11306

Ion	Ratio	Lower	Upper
149	100		
150	7.5	0.0	39.5
43	8.2	0.0	37.6

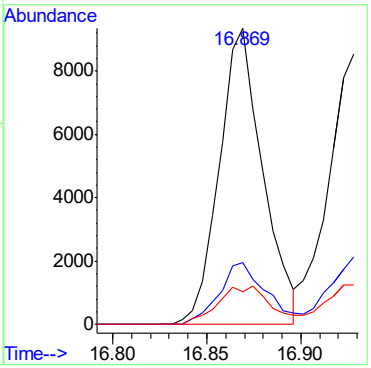


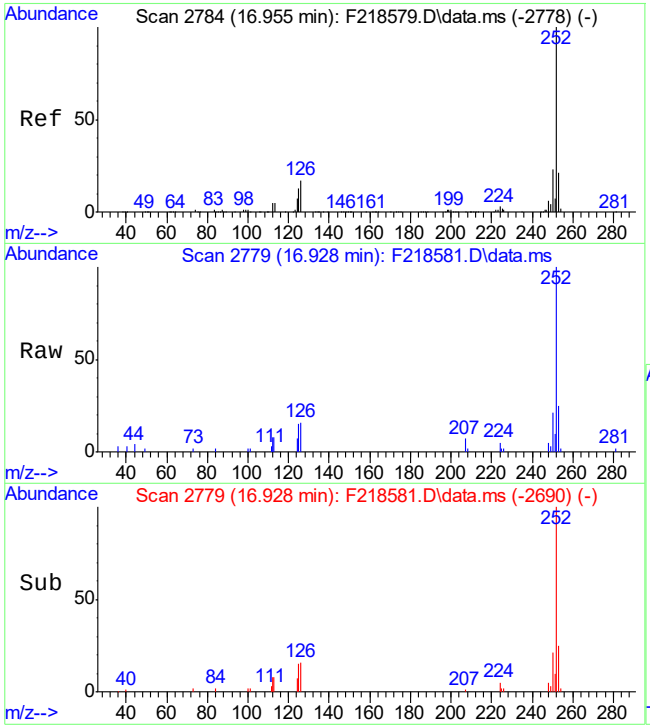


#94
Benzo[b]fluoranthene
Concen: 1.61 ppm
RT: 16.869 min Scan# 2768
Delta R.T. -0.021 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:252 Resp: 14955

Ion	Ratio	Lower	Upper
252	100		
253	20.3	0.0	51.6
125	9.9	0.0	43.1

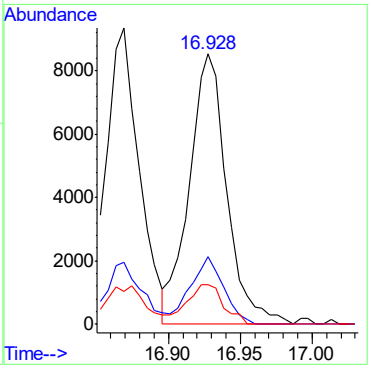


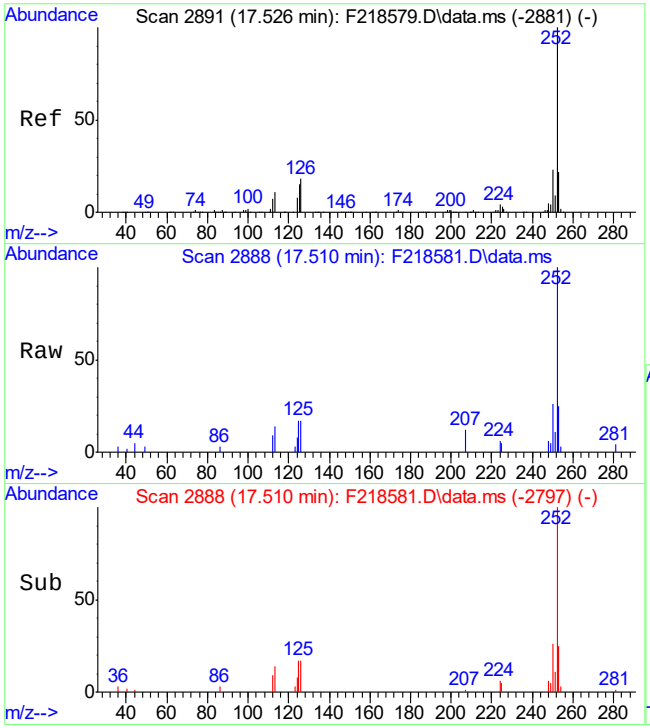


#95
Benzo[k]fluoranthene
Concen: 1.83 ppm
RT: 16.928 min Scan# 2779
Delta R.T. -0.027 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:252 Resp: 15545

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	51.4
125	13.6	0.0	43.5

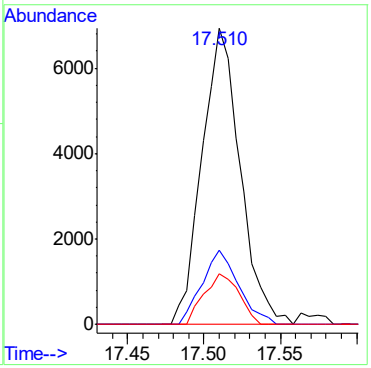


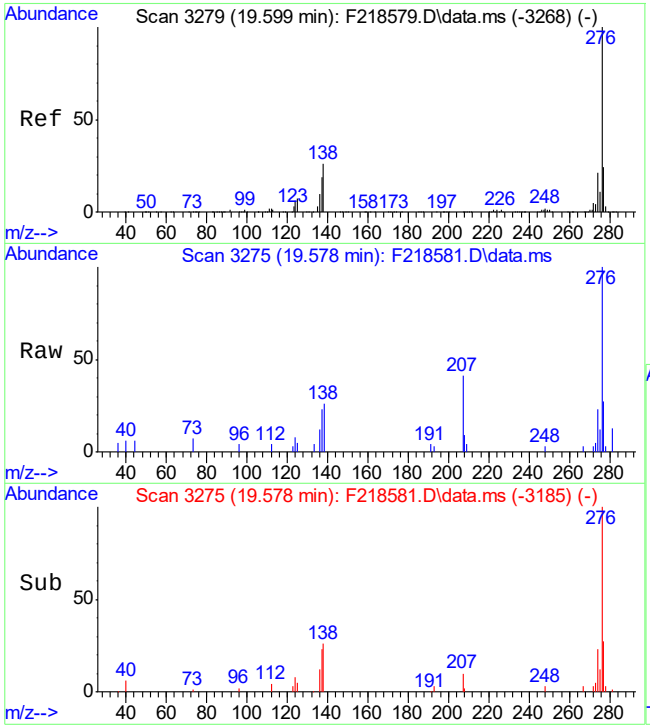


#96
Benzo[a]pyrene
Concen: 1.60 ppm
RT: 17.510 min Scan# 2888
Delta R.T. -0.016 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:252 Resp: 12019

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	51.8
125	17.1	0.0	45.1

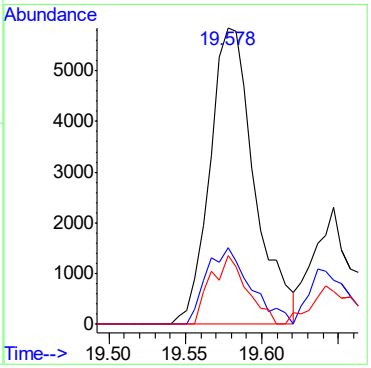


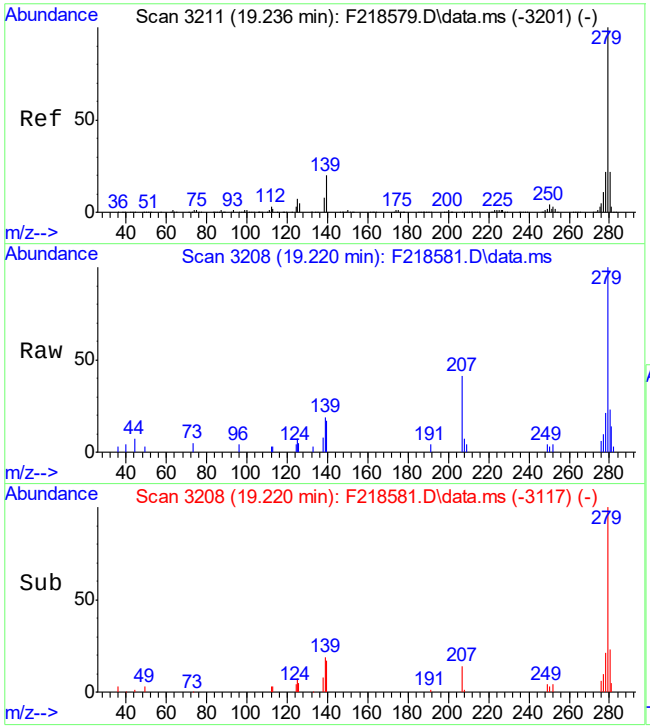


#97
Indeno[1,2,3-cd]pyrene
Concen: 1.50 ppm
RT: 19.578 min Scan# 3275
Delta R.T. -0.021 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:276 Resp: 11877

Ion	Ratio	Lower	Upper
276	100		
138	27.3	0.0	55.9
137	22.4	0.0	49.3

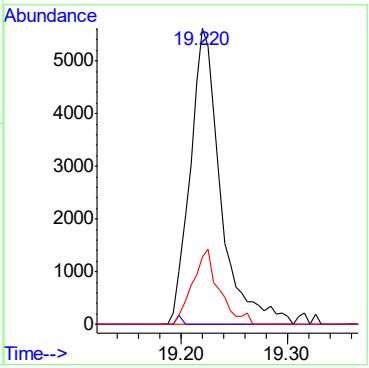


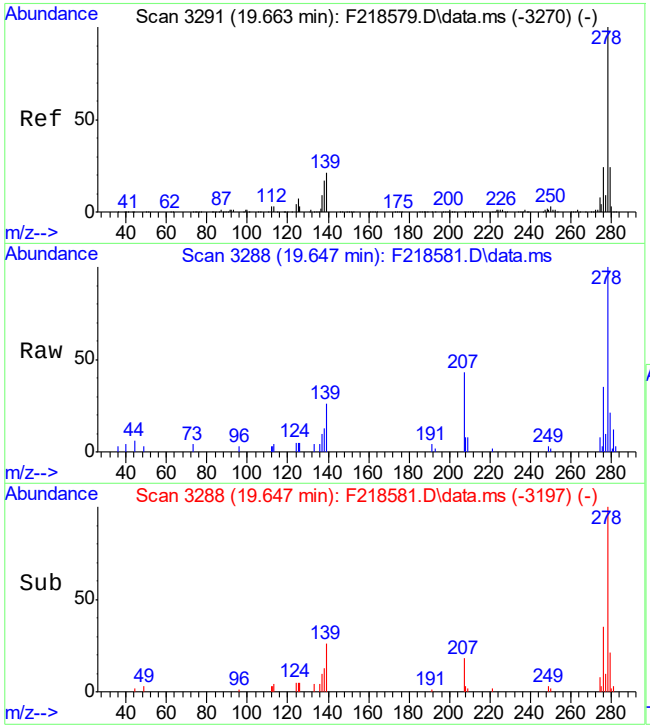


#98
Dibenz(a,h)acridine
Concen: 1.51 ppm
RT: 19.220 min Scan# 3208
Delta R.T. -0.016 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:279 Resp: 11195

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.7	0.0	52.5

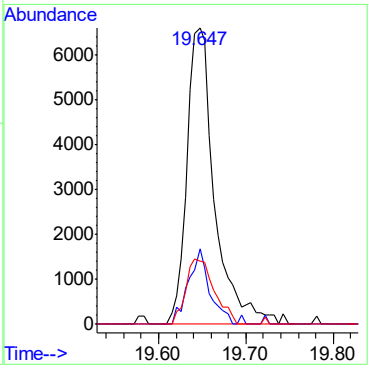


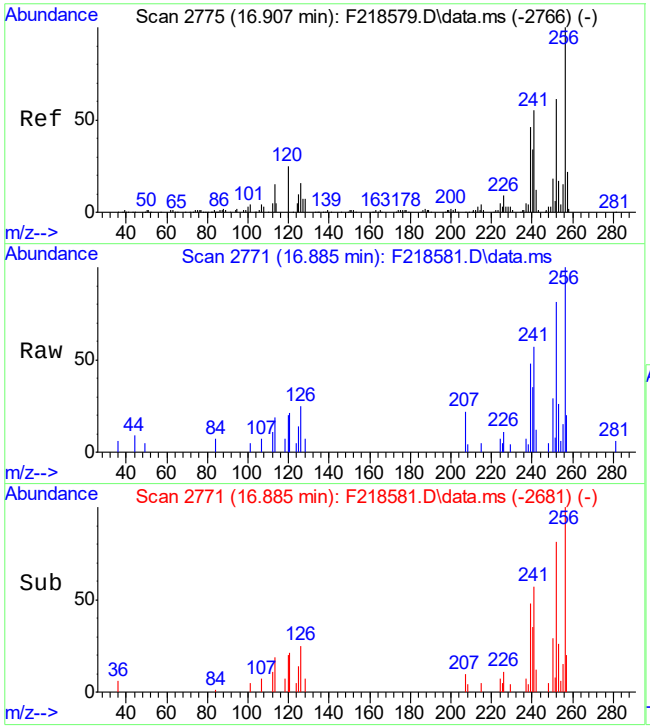


#99
Dibenz[a,h]anthracene
Concen: 1.59 ppm
RT: 19.647 min Scan# 3288
Delta R.T. -0.016 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:278 Resp: 14485

Ion	Ratio	Lower	Upper
278	100		
139	25.5	0.0	50.6
279	21.4	0.0	53.9

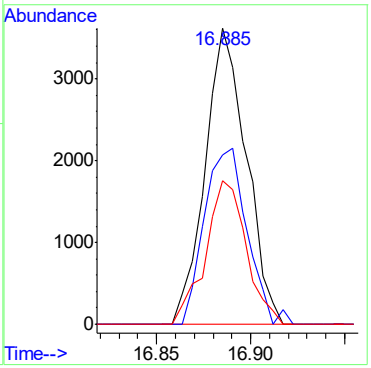


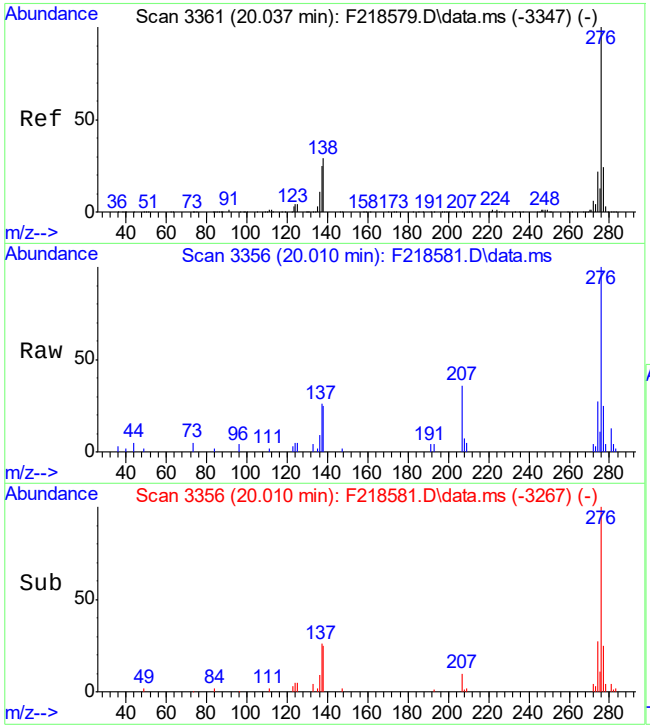


#100
7,12-Dimethylbenz(a)anthracene
Concen: 1.37 ppm
RT: 16.885 min Scan# 2771
Delta R.T. -0.021 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:256 Resp: 5495

Ion	Ratio	Lower	Upper
256	100		
241	57.3	24.8	84.8
239	48.4	16.4	76.4

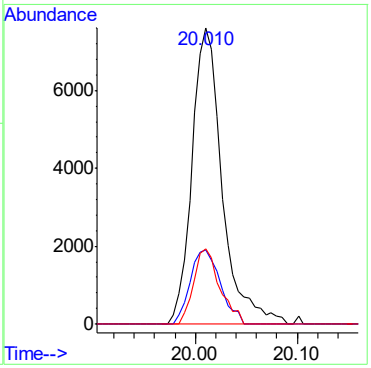




#101
Benzo[g,h,i]perylene
Concen: 1.73 ppm
RT: 20.010 min Scan# 3356
Delta R.T. -0.027 min
Lab File: F218581.D
Acq: 24 Jan 2024 12:37 pm

Tgt Ion:276 Resp: 15557

Ion	Ratio	Lower	Upper
276	100		
138	25.2	0.0	58.6
277	25.4	0.0	53.9



Manual Integration Approval Summary

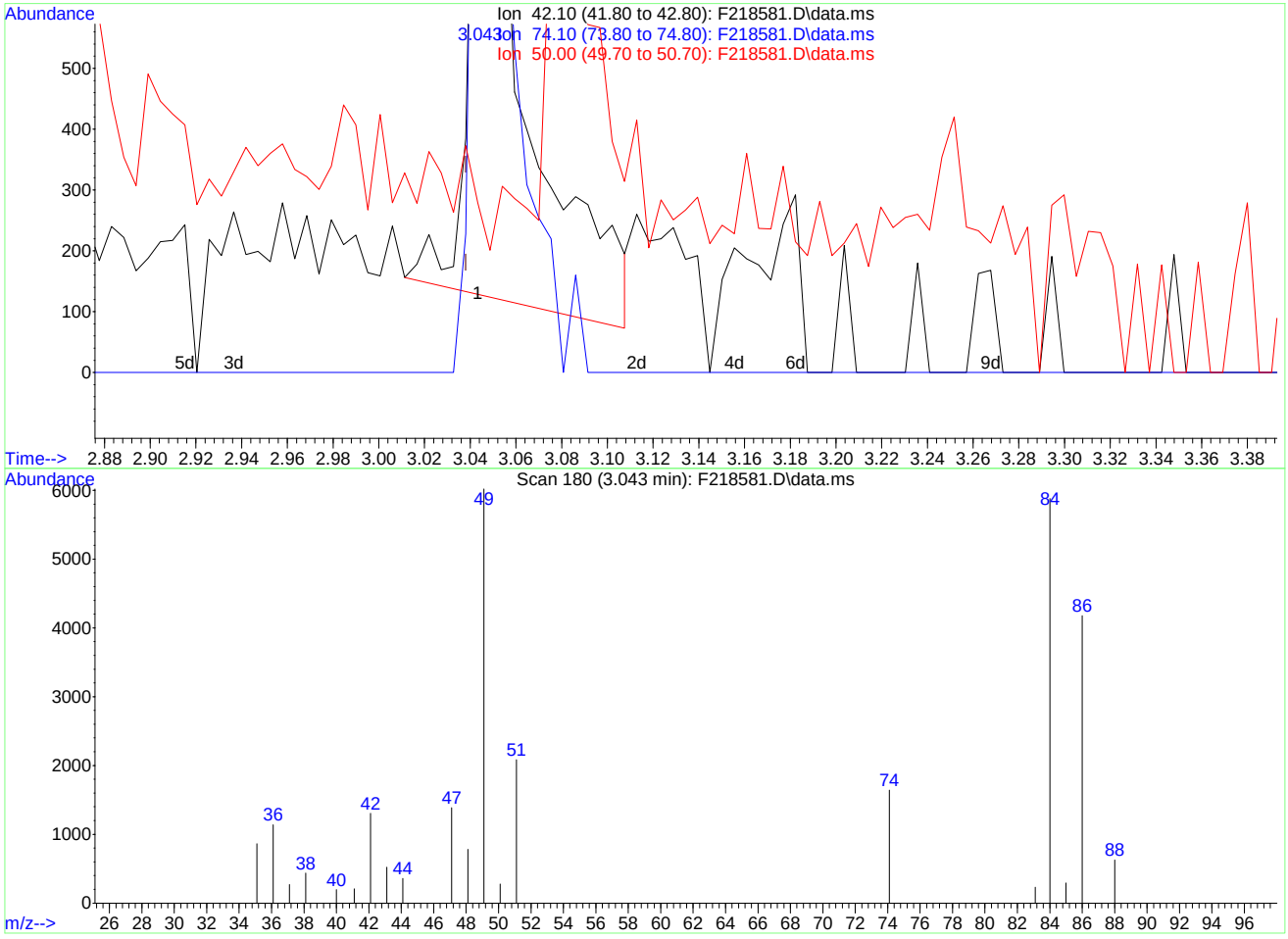
Sample Number: EF9690-IC9690
Lab FileID: F218581.D
Injection Time: 01/24/24 12:37
Method: SW846 8270E
Analyst approved: 01/25/24 11:22 Ying Li
Supervisor approved: 01/29/24 19:23 Nina Pandya

Parameter	CAS	Sig#	R.T. (min.)	Reason
n-Nitrosodimethylamine	62-75-9		3.04	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218581.D
Acq On : 24 Jan 2024 12:37 pm
Operator : ninap
Sample : ic9690-2
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 10:00:14 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration



TIC: F218581.D\data.ms

(4) N-Nitrosodimethylamine (t)

3.043min (+0.005) 2.35ppm

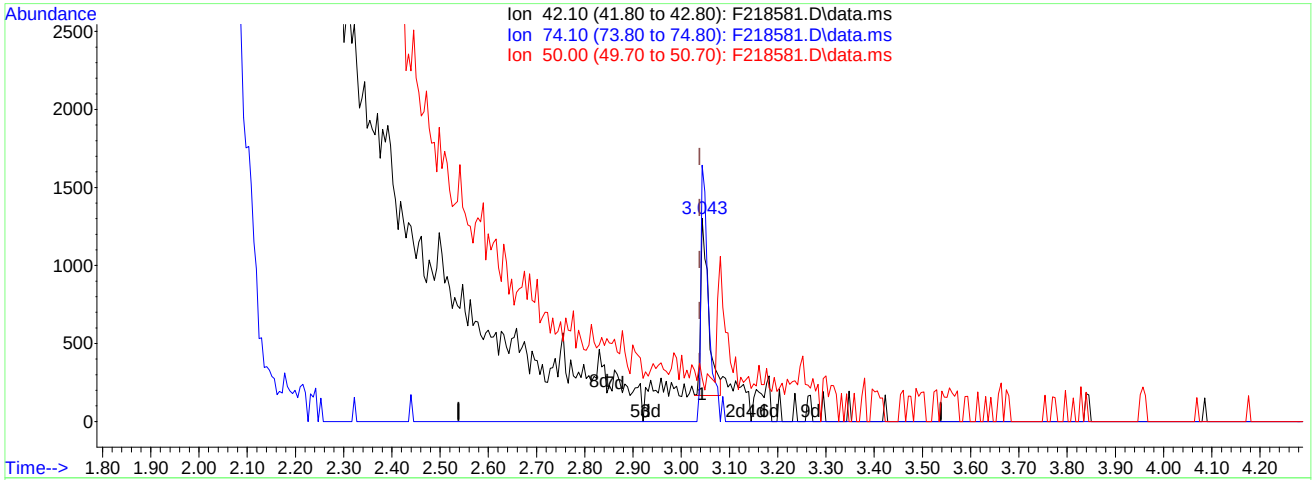
response 1725

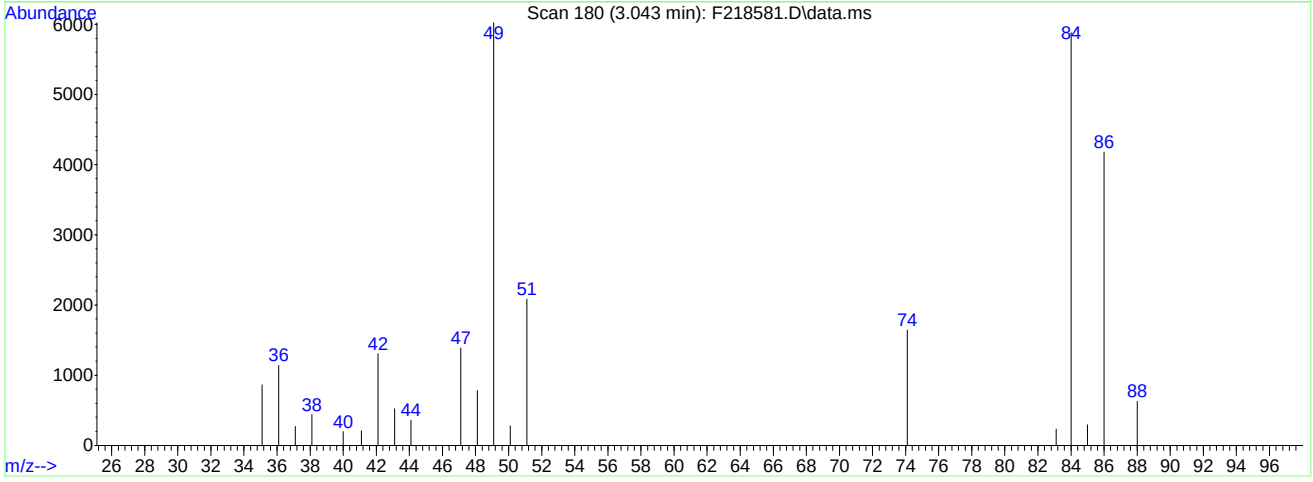
Ion	Exp%	Act%
42.10	100	100
74.10	150.80	145.63
50.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218581.D
Acq On : 24 Jan 2024 12:37 pm
Operator : ninap
Sample : ic9690-2
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 10:00:14 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 09:52:13 2024
Response via : Initial Calibration





TIC: F218581.D\data.ms

(4) N-Nitrosodimethylamine (t)

3.043min (+0.005) 1.74ppm m

response 1278

Ion	Exp%	Act%
42.10	100	100
74.10	150.80	126.02
50.00	0.00	21.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218582.D
Acq On : 24 Jan 2024 1:02 pm
Operator : ninap
Sample : ic9690-5
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 25 10:05:52 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	80540	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	306136	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	161695	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	292105	40.00	ppm	0.00
83) Chrysene-d12	14.577	240	249418	40.00	ppm	-0.01
92) Perylene-d12	17.633	264	292732	40.00	ppm	-0.01
102) 1,4-Dichlorobenzene-d4A	4.865	152	80540	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	306136	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	161695	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	292105	40.00	ppm	0.00
147) Chrysene-d12A	14.577	240	249418	40.00	ppm	-0.01
154) Perylene-d12A	17.633	264	292732	40.00	ppm	-0.01
157) 1,4-Dichlorobenzene-d4b	4.865	152	80540	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	292105	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	306136	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	306136	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	80540	40.00	ppm	0.00
169) Chrysene-d12c	14.577	240	249418	40.00	ppm	-0.01
171) Chrysene-d12d	14.577	240	249418	40.00	ppm	-0.01
173) Naphthalene-d8d	5.757	136	306136	40.00	ppm	0.00
175) Chrysene-d12e	14.577	240	249418	40.00	ppm	-0.01
177) Perylene-d12b	17.633	264	292732	40.00	ppm	-0.01
179) Naphthalene-d8e	5.757	136	306136	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.957	112	11586	5.33	ppm	0.00
Spiked Amount 50.000			Recovery = 10.66%			
8) Phenol-d5	4.587	99	13350	5.20	ppm	0.00
Spiked Amount 50.000			Recovery = 10.40%			
25) Nitrobenzene-d5	5.250	82	11514	5.20	ppm	0.00
Spiked Amount 50.000			Recovery = 10.40%			
51) 2-Fluorobiphenyl	6.590	172	28720	5.62	ppm	0.00
Spiked Amount 50.000			Recovery = 11.24%			
73) 2,4,6-Tribromophenol	8.172	330	4241	4.85	ppm	-0.01
Spiked Amount 50.000			Recovery = 9.70%			
86) Terphenyl-d14	12.339	244	32207	5.51	ppm	-0.01
Spiked Amount 50.000			Recovery = 11.02%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.835	88	5631	6.23	ppm	97
3) Pyridine	3.075	79	13007	5.13	ppm	99
4) N-Nitrosodimethylamine	3.043	42	4048	5.24	ppm	98
6) Indene	5.047	116	22321	5.65	ppm	99
7) Cumene	4.320	105	27701	5.60	ppm	95
9) Phenol	4.598	94	14867	5.34	ppm	97
10) Aniline	4.635	93	18763	5.34	ppm	99
11) bis(2-Chloroethyl)ether	4.673	93	11735	5.61	ppm	95
12) 2-Chlorophenol	4.715	128	12773	5.30	ppm	98
13) Decane	4.742	43	11172	5.55	ppm	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218582.D
Acq On : 24 Jan 2024 1:02 pm
Operator : ninap
Sample : ic9690-5
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 25 10:05:52 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
14) 1,3-Dichlorobenzene	4.828	146	15460	5.55	ppm	98
15) 1,4-Dichlorobenzene	4.876	146	16204	5.66	ppm	97
16) Benzyl alcohol	4.950	108	7557	4.91	ppm	85
17) 1,2-Dichlorobenzene	4.982	146	15169	5.61	ppm	98
18) Acetophenone	5.143	105	17823	5.30	ppm	93
19) 2-Methylphenol	5.020	108	11356	5.36	ppm	98
20) 2,2'-oxybis(1-Chloropr...	5.047	121	3584	5.41	ppm	93
21) 3&4-Methylphenol	5.121	108	23724	10.63	ppm	99
22) n-Nitroso-di-n-propyla...	5.132	70	8358	5.21	ppm	97
23) Hexachloroethane	5.223	201	5365	5.65	ppm	94
26) Nitrobenzene	5.260	77	11685	5.09	ppm	99
27) Quinoline	6.019	129	24130	5.26	ppm	98
28) Isophorone	5.426	82	21907	5.32	ppm	97
29) 2-Nitrophenol	5.485	139	5024	4.51	ppm	81
30) 2,4-Dimethylphenol	5.501	107	12435	5.44	ppm	97
31) Benzoic acid	5.527	105	4784	2.95	ppm	95
32) bis(2-Chloroethoxy)met...	5.570	93	14304	5.37	ppm	96
33) 2,4-Dichlorophenol	5.645	162	10344	5.26	ppm	94
34) 2,6-Dichlorophenol	5.811	162	10399	5.24	ppm	96
35) 1,3,5-Trichlorobenzene	5.490	180	13198	5.67	ppm	98
36) 1,2,4-Trichlorobenzene	5.714	180	12673	5.67	ppm	98
37) 1,2,3-Trichlorobenzene	5.869	180	12048	5.51	ppm	93
38) Naphthalene	5.773	128	40557	5.65	ppm	99
39) 4-Chloroaniline	5.805	127	15545	5.07	ppm	91
40) 2,3-Dichloroaniline	6.516	161	12651	5.42	ppm	99
41) Hydroquinone	6.024	110	8530	4.17	ppm	99
42) Hexachlorobutadiene	5.853	225	6894	5.54	ppm	97
43) 4-Chloro-3-methylphenol	6.147	107	9430	5.22	ppm	97
44) 2-Methylnaphthalene	6.286	141	23208	5.67	ppm	99
45) 1-Methylnaphthalene	6.366	142	24444	5.65	ppm	98
47) Hexachlorocyclopentadiene	6.409	237	10342	10.09	ppm	98
48) 1,2,4,5-tetrachloroben...	6.420	216	12012	5.59	ppm	98
49) 2,4,6-Trichlorophenol	6.510	196	7124	5.30	ppm	93
50) 2,4,5-Trichlorophenol	6.542	196	7567	5.08	ppm	97
52) 2-Chloronaphthalene	6.697	162	23886	5.47	ppm	98
53) Biphenyl	6.676	154	32142	5.75	ppm	97
54) 2-Nitroaniline	6.788	65	4256	4.21	ppm	92
55) Dimethylphthalate	6.959	163	26091	5.50	ppm	98
56) Acenaphthylene	7.093	152	28804	5.50	ppm	99
57) 2,6-Dinitrotoluene	7.018	165	4309	4.56	ppm	97
58) 3-Nitroaniline	7.189	138	4827	4.17	ppm	81
59) Acenaphthene	7.274	153	26824	5.62	ppm	95
60) 2,4-Dinitrophenol	7.290	184	2760	6.28	ppm	86
61) 4-Nitrophenol	7.344	109	1996	3.62	ppm	90
62) Dibenzofuran	7.461	168	34133	5.57	ppm	99
63) 2,4-Dinitrotoluene	7.435	165	5049	4.00	ppm	91
64) 2,3,4,6-Tetrachlorophenol	7.590	232	5495	4.67	ppm	89
65) Diethylphthalate	7.723	149	25570	5.30	ppm	95
66) Fluorene	7.867	166	26524	5.45	ppm	99
67) 4-Chlorophenyl-phenyle...	7.867	204	12019	5.35	ppm	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218582.D
Acq On : 24 Jan 2024 1:02 pm
Operator : ninap
Sample : ic9690-5
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 25 10:05:52 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

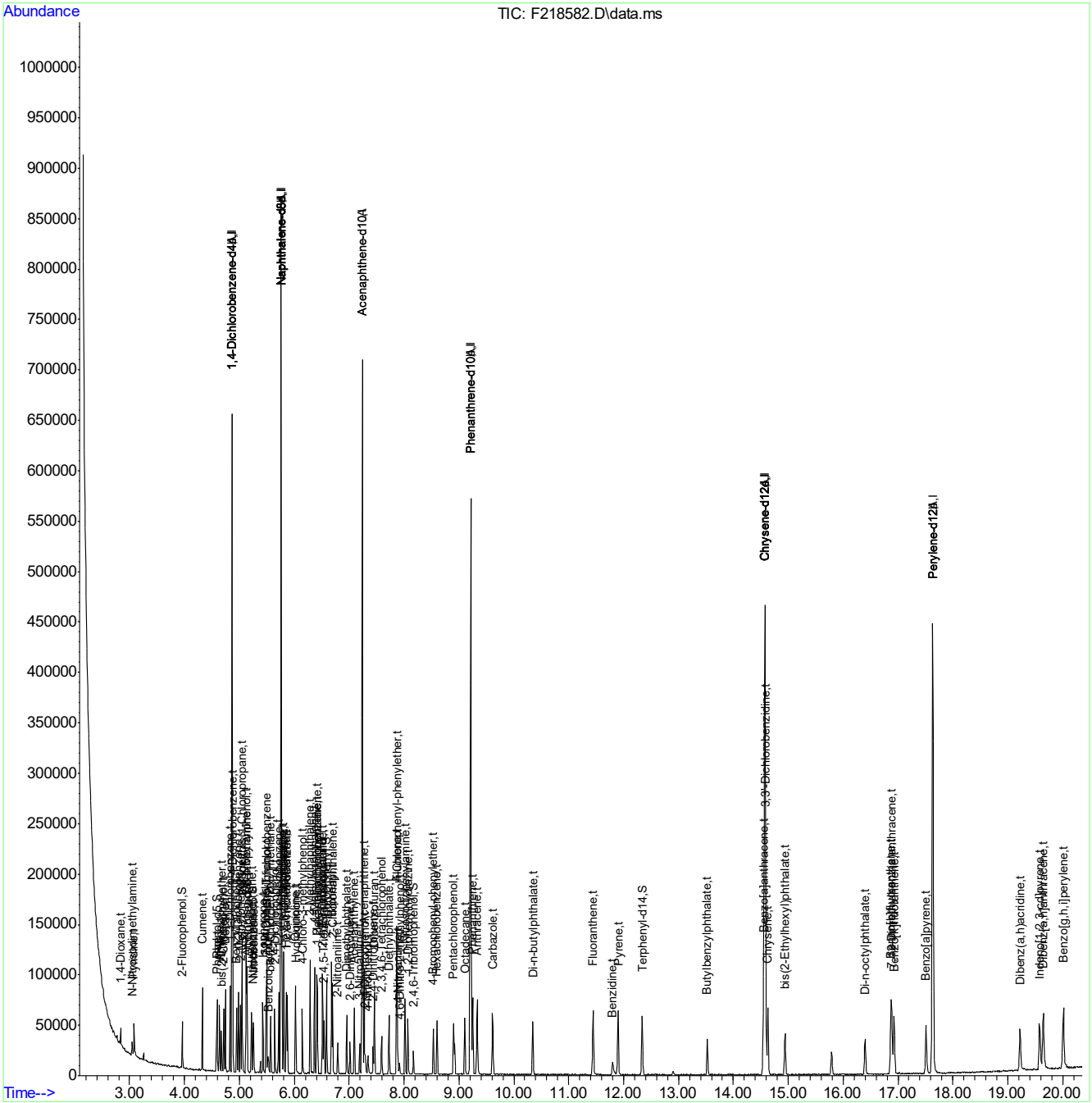
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	4-Nitroaniline	7.883	138	5200	4.24	ppm	92
70)	4,6-Dinitro-2-methylph...	7.921	198	1698	3.14	ppm	92
71)	n-Nitrosodiphenylamine	8.017	169	20994	5.24	ppm	97
72)	1,2-Diphenylhydrazine	8.070	77	24241	5.36	ppm	97
74)	4-Bromophenyl-phenylether	8.530	248	7302	5.25	ppm	98
75)	Hexachlorobenzene	8.599	284	9615	5.59	ppm	96
76)	Pentachlorophenol	8.898	266	8138	7.99	ppm	95
77)	Phenanthrene	9.251	178	39455	5.58	ppm	98
78)	Anthracene	9.331	178	38473	5.43	ppm	99
79)	Carbazole	9.614	167	35031	5.36	ppm	99
80)	Di-n-butylphthalate	10.346	149	40809	4.82	ppm	100
81)	Fluoranthene	11.447	202	39263	5.14	ppm	97
82)	Octadecane	9.107	57	12485	4.92	ppm	97
84)	Benzidine	11.799	184	15057	3.67	ppm	97
85)	Pyrene	11.901	202	41176	5.62	ppm	97
87)	Butylbenzylphthalate	13.525	149	14034	4.22	ppm	92
88)	Benzo[a]anthracene	14.550	228	37976	5.39	ppm	97
89)	3,3'-Dichlorobenzidine	14.588	252	13843	4.89	ppm	98
90)	Chrysene	14.625	228	40266	5.88	ppm	100
91)	bis(2-Ethylhexyl)phtha...	14.940	149	21333	4.20	ppm	96
93)	Di-n-octylphthalate	16.404	149	32745	3.60	ppm	97
94)	Benzo[b]fluoranthene	16.869	252	41076	4.98	ppm	99
95)	Benzo[k]fluoranthene	16.928	252	40754	5.38	ppm	98
96)	Benzo[a]pyrene	17.510	252	33000	4.93	ppm	99
97)	Indeno[1,2,3-cd]pyrene	19.583	276	34485	4.90	ppm	89
98)	Dibenz(a,h)acridine	19.220	279	31668	4.80	ppm	99
99)	Dibenz[a,h]anthracene	19.647	278	40370	4.97	ppm	99
100)	7,12-Dimethylbenz(a)an...	16.890	256	17097	4.80	ppm	95
101)	Benzo[g,h,i]perylene	20.016	276	41298	5.16	ppm	98

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

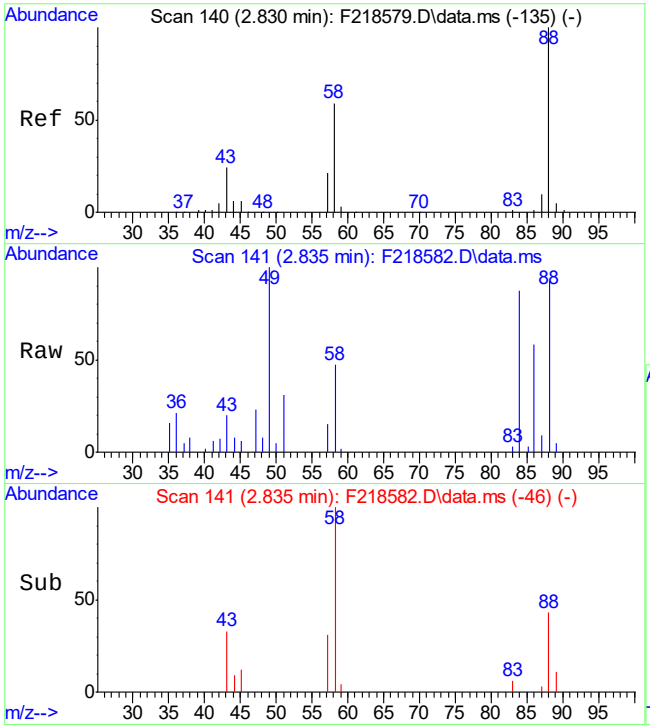
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218582.D
Acq On : 24 Jan 2024 1:02 pm
Operator : ninap
Sample : ic9690-5
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 25 10:05:52 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration



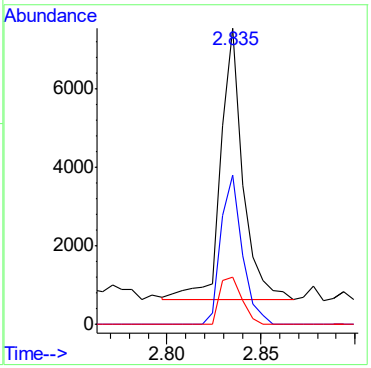
MF9690.M Thu Jan 25 14:53:55 2024 RT1 Page: 4

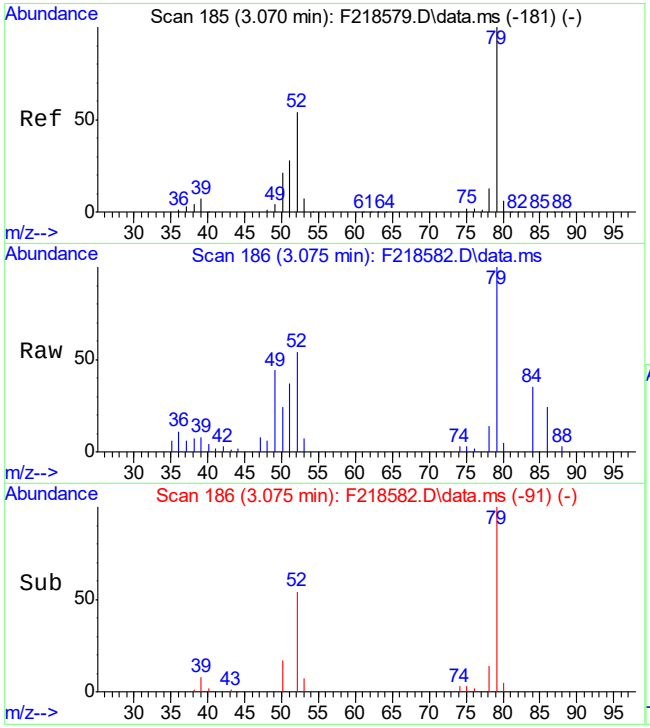


#2
1,4-Dioxane
Concen: 6.23 ppm
RT: 2.835 min Scan# 141
Delta R.T. 0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 88 Resp: 5631

Ion	Ratio	Lower	Upper
88	100		
58	55.3	27.0	87.0
57	17.3	0.0	50.2

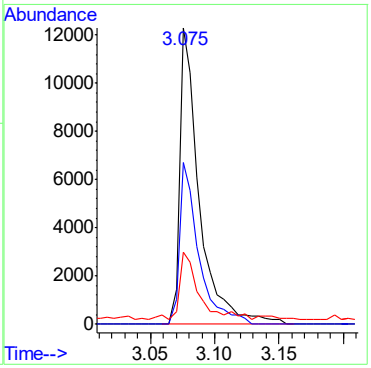


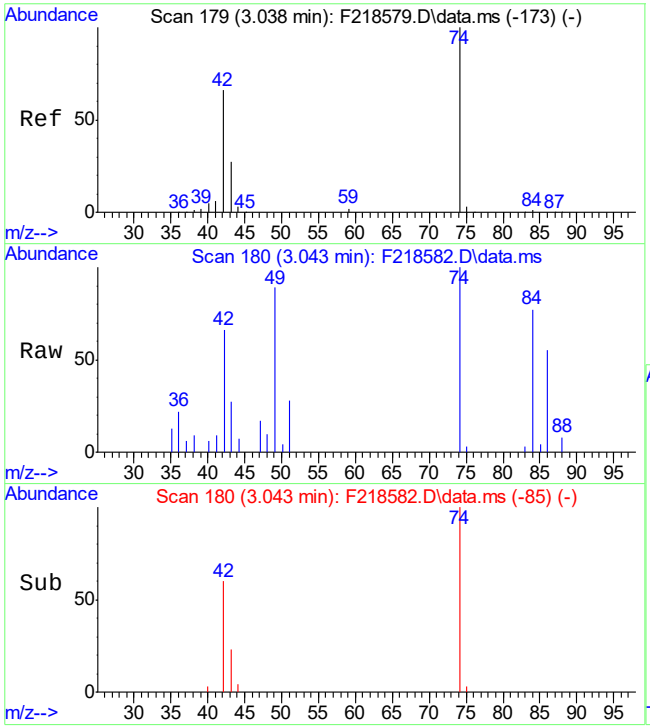


#3
Pyridine
Concen: 5.13 ppm
RT: 3.075 min Scan# 186
Delta R.T. 0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 79 Resp: 13007

Ion	Ratio	Lower	Upper
79	100		
52	54.4	23.7	83.7
50	21.6	0.0	51.1

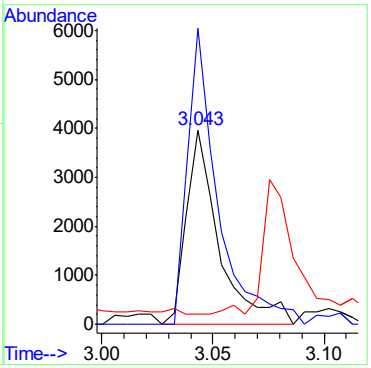


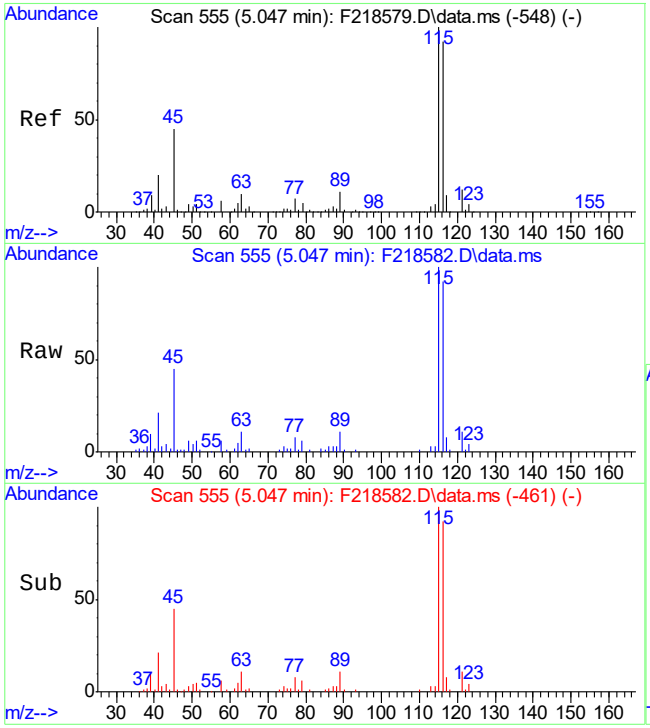


#4
N-Nitrosodimethylamine
Concen: 5.24 ppm
RT: 3.043 min Scan# 180
Delta R.T. 0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 42 Resp: 4048

Ion	Ratio	Lower	Upper
42	100		
74	148.4	120.8	180.8
50	0.0	0.0	30.0

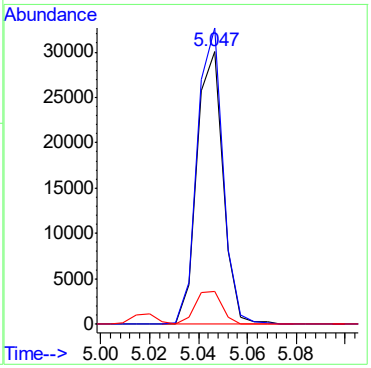


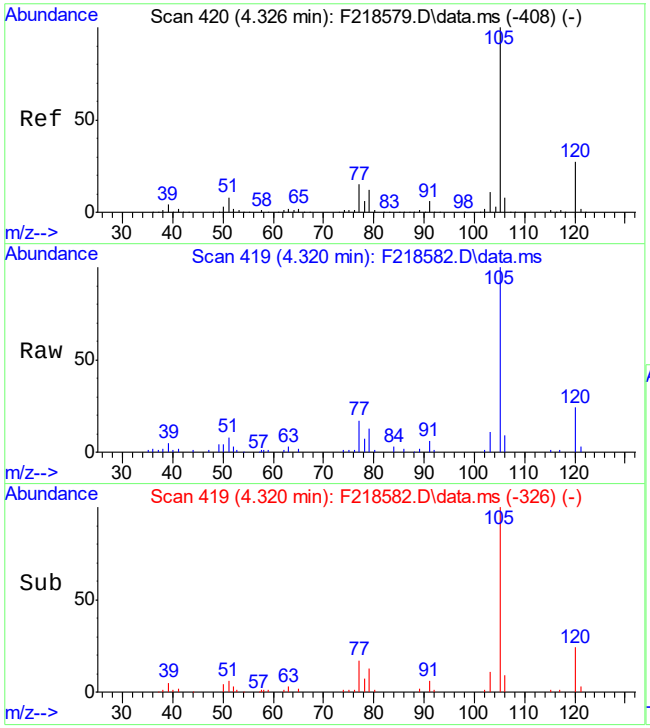


#6
Indene
Concen: 5.65 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:116 Resp: 22321

Ion	Ratio	Lower	Upper
116	100		
115	108.4	79.0	139.0
63	11.3	0.0	41.0

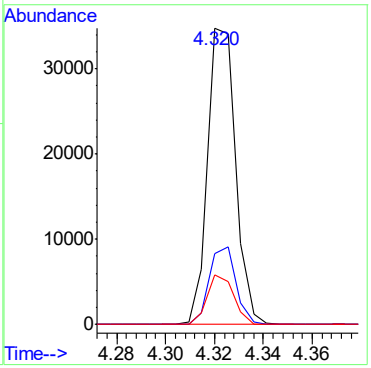


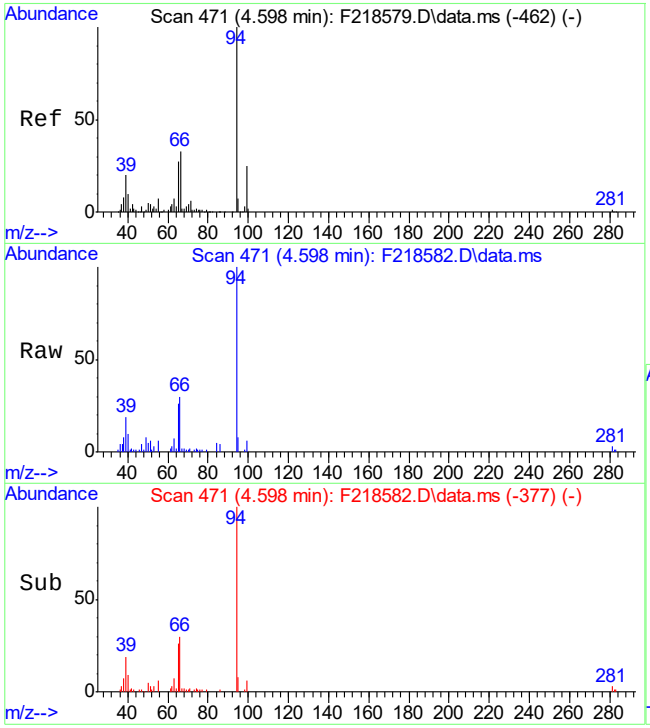


#7
Cumene
Concen: 5.60 ppm
RT: 4.320 min Scan# 419
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:105 Resp: 27701

Ion	Ratio	Lower	Upper
105	100		
120	23.9	0.0	56.8
77	16.6	0.0	44.8

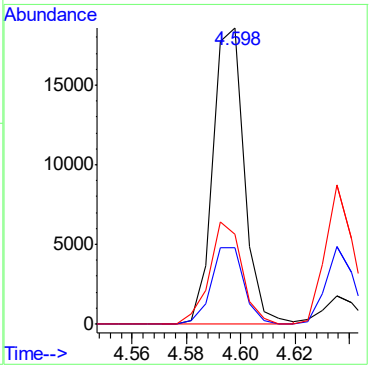


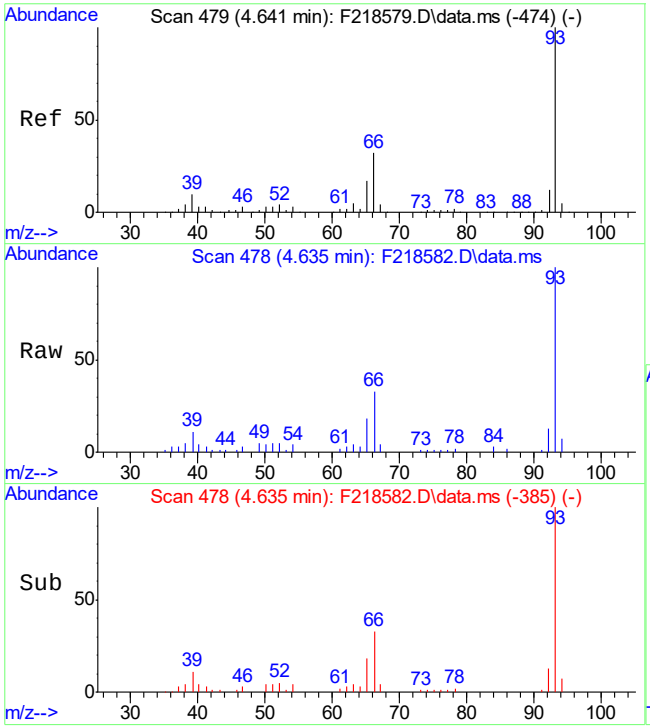


#9
Phenol
Concen: 5.34 ppm
RT: 4.598 min Scan# 471
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 94 Resp: 14867

Ion	Ratio	Lower	Upper
94	100		
65	25.8	0.0	56.8
66	30.5	2.6	62.6

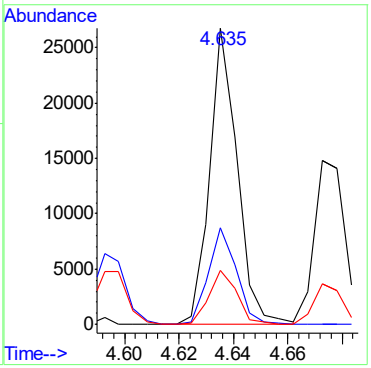


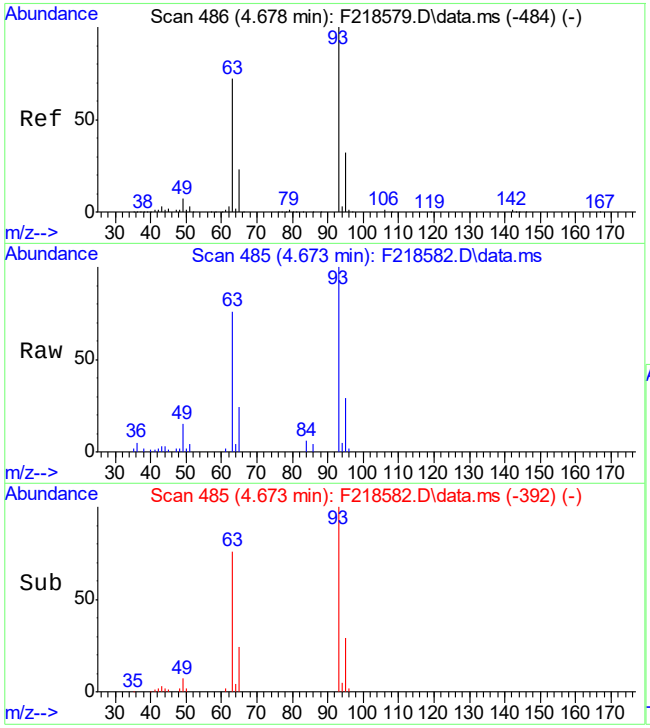


#10
Aniline
Concen: 5.34 ppm
RT: 4.635 min Scan# 478
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 93 Resp: 18763

Ion	Ratio	Lower	Upper
93	100		
66	32.6	2.7	62.7
65	18.2	0.0	47.4

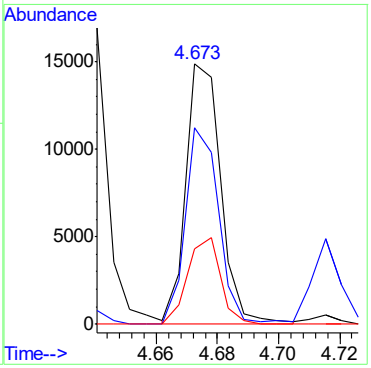


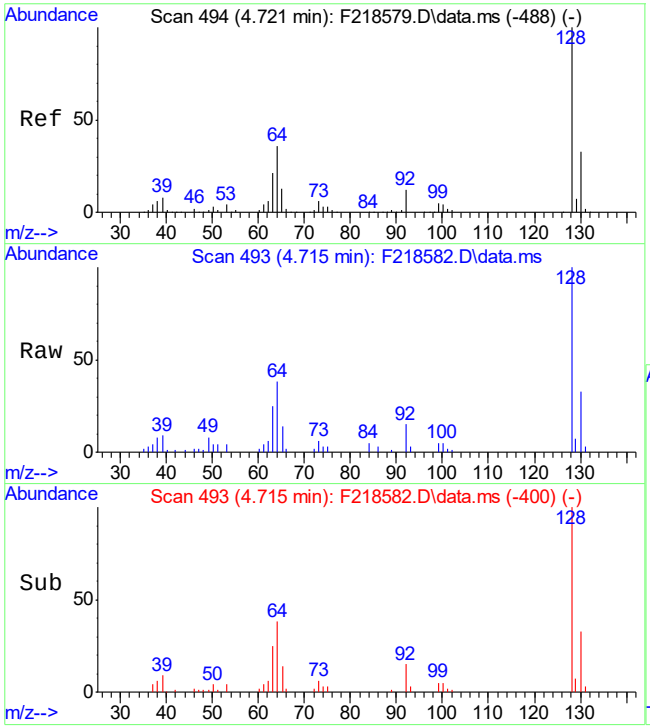


#11
bis(2-Chloroethyl)ether
Concen: 5.61 ppm
RT: 4.673 min Scan# 485
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 93 Resp: 11735

Ion	Ratio	Lower	Upper
93	100		
63	76.0	42.2	102.2
95	29.5	2.1	62.1

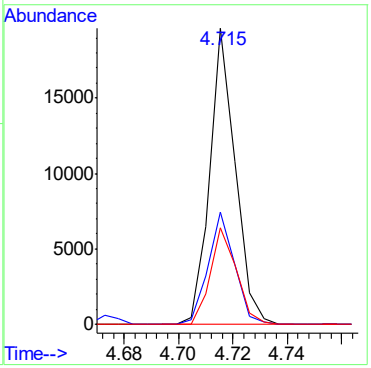


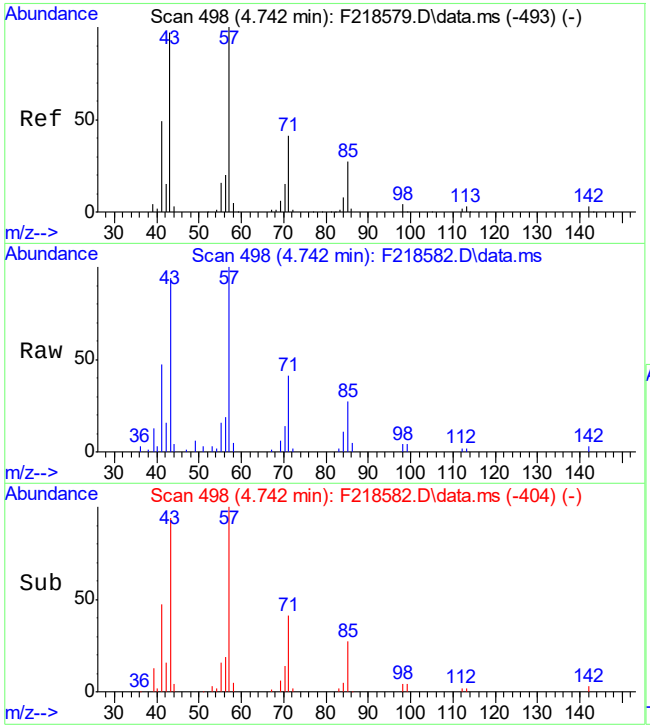


#12
2-Chlorophenol
Concen: 5.30 ppm
RT: 4.715 min Scan# 493
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:128 Resp: 12773

Ion	Ratio	Lower	Upper
128	100		
64	37.7	5.8	65.8
130	32.7	3.0	63.0

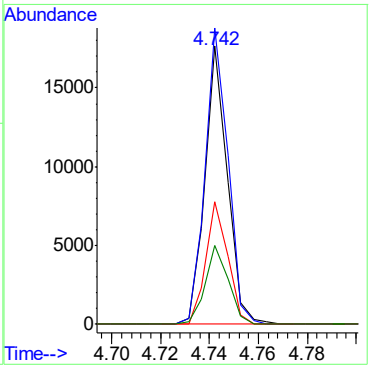




#13
Decane
Concen: 5.55 ppm
RT: 4.742 min Scan# 498
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

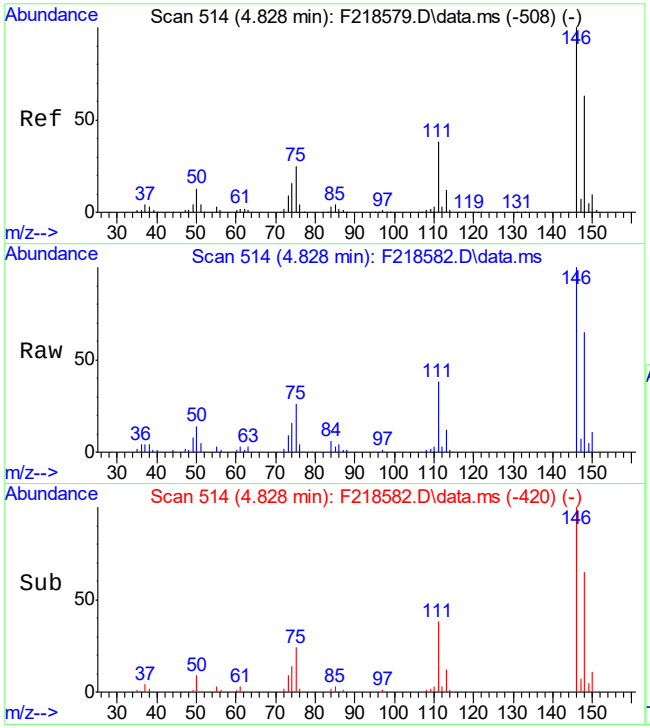
Tgt Ion: 43 Resp: 11172

Ion	Ratio	Lower	Upper
43	100		
57	106.6	73.2	133.2
71	44.0	13.0	73.0
85	28.3	0.0	58.3



7.6.30

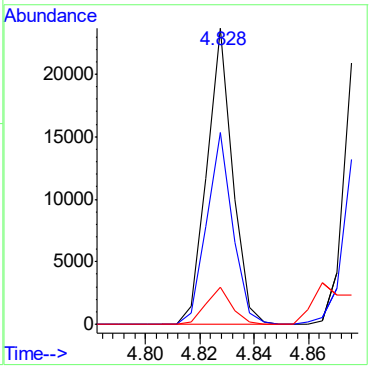
7

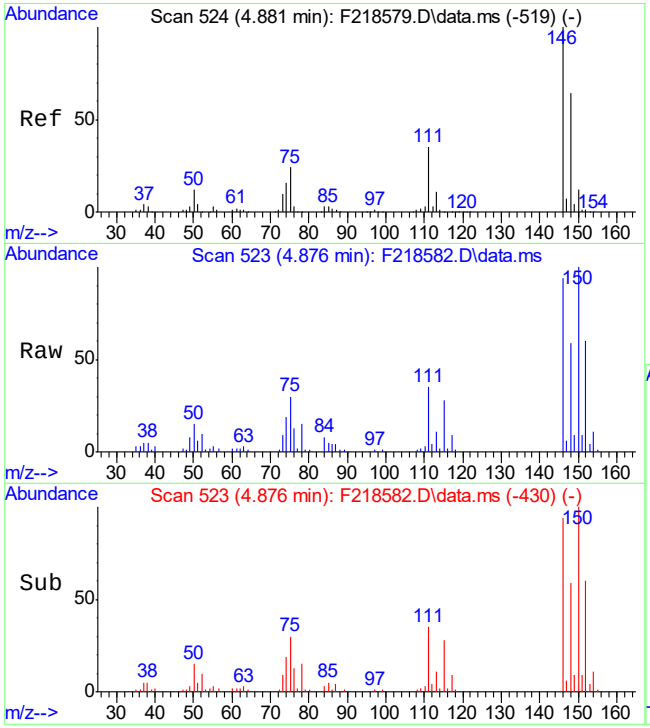


#14
1,3-Dichlorobenzene
Concen: 5.55 ppm
RT: 4.828 min Scan# 514
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:146 Resp: 15460

Ion	Ratio	Lower	Upper
146	100		
148	64.8	32.8	92.8
113	12.4	0.0	41.9

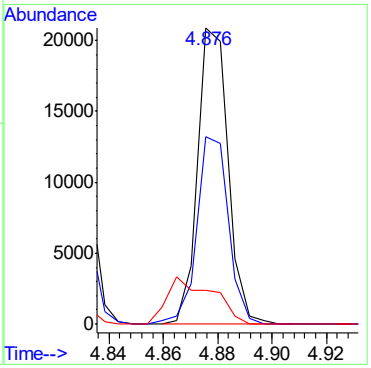


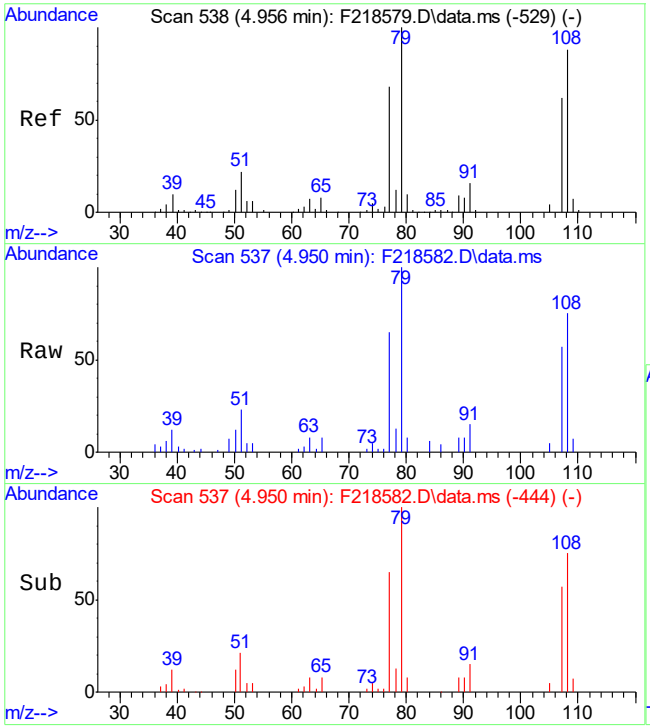


#15
1,4-Dichlorobenzene
Concen: 5.66 ppm
RT: 4.876 min Scan# 523
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:146 Resp: 16204

Ion	Ratio	Lower	Upper
146	100		
148	62.2	33.9	93.9
113	8.4	0.0	41.3

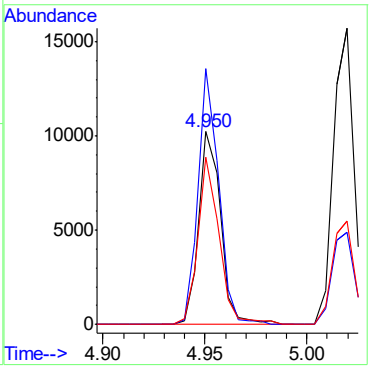


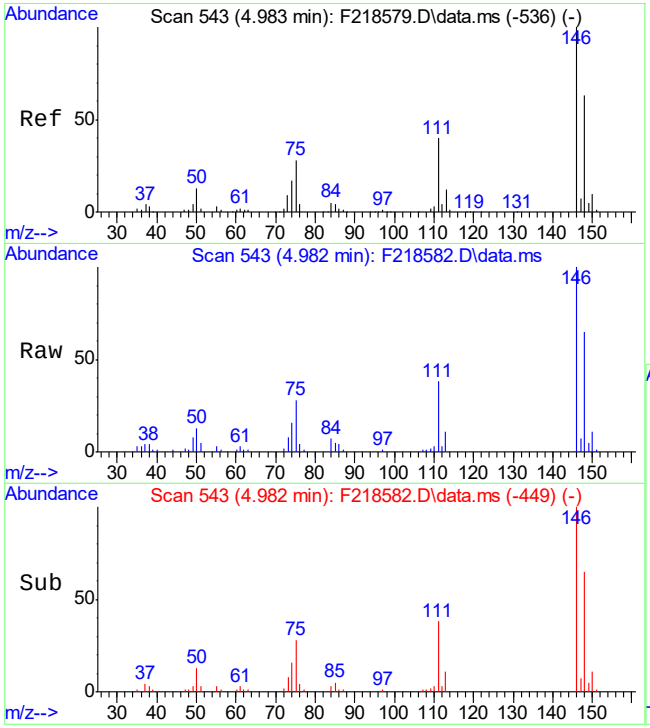


#16
Benzyl alcohol
Concen: 4.91 ppm
RT: 4.950 min Scan# 537
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:108 Resp: 7557

Ion	Ratio	Lower	Upper
108	100		
79	132.6	83.1	143.1
77	86.7	46.9	106.9

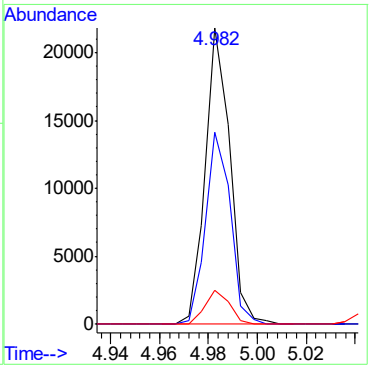


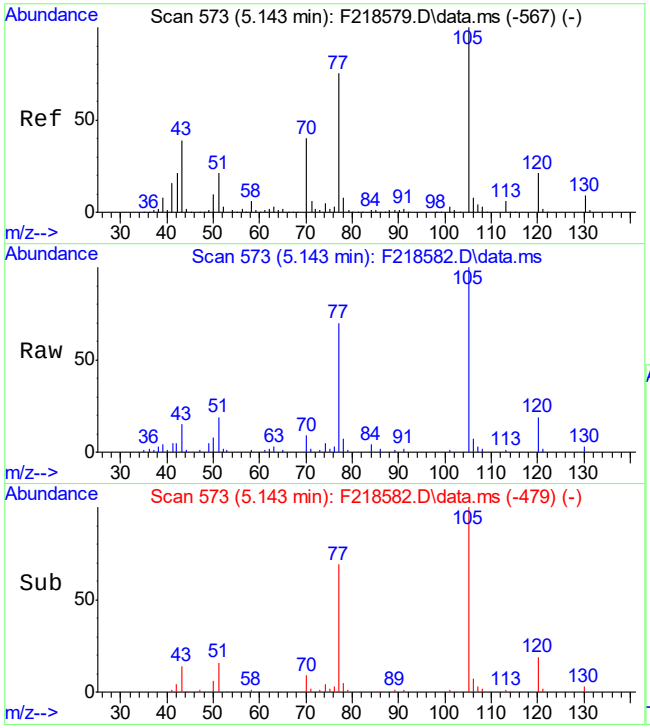


#17
1,2-Dichlorobenzene
Concen: 5.61 ppm
RT: 4.982 min Scan# 543
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:146 Resp: 15169

Ion	Ratio	Lower	Upper
146	100		
148	64.6	32.7	92.7
113	11.4	0.0	42.4

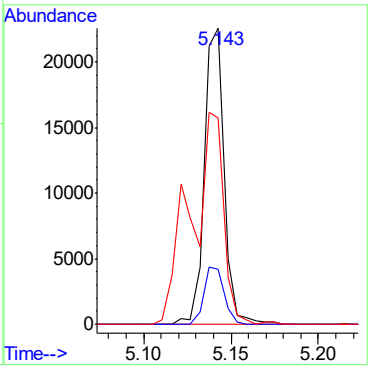


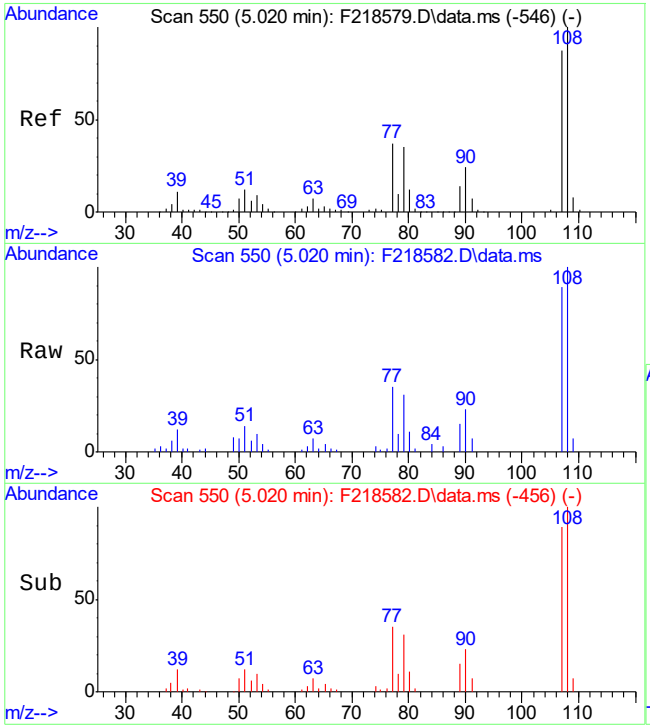


#18
Acetophenone
Concen: 5.30 ppm
RT: 5.143 min Scan# 573
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:105 Resp: 17823

Ion	Ratio	Lower	Upper
105	100		
120	18.6	0.0	50.5
77	69.1	45.3	105.3

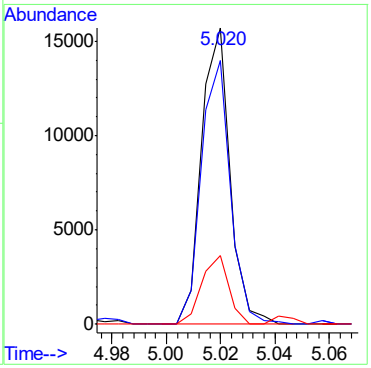


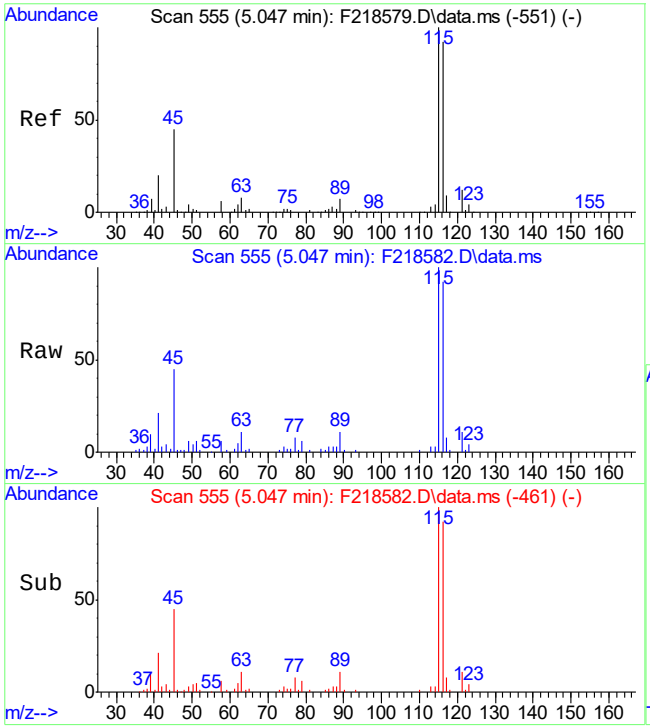


#19
2-Methylphenol
Concen: 5.36 ppm
RT: 5.020 min Scan# 550
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:108 Resp: 11356

Ion	Ratio	Lower	Upper
108	100		
107	89.0	57.0	117.0
90	22.1	0.0	53.5

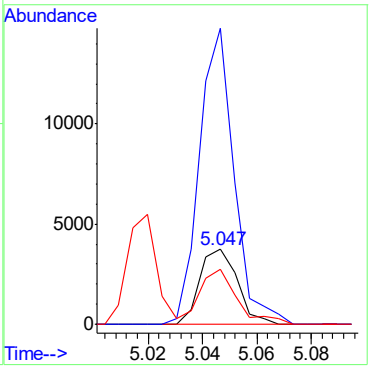


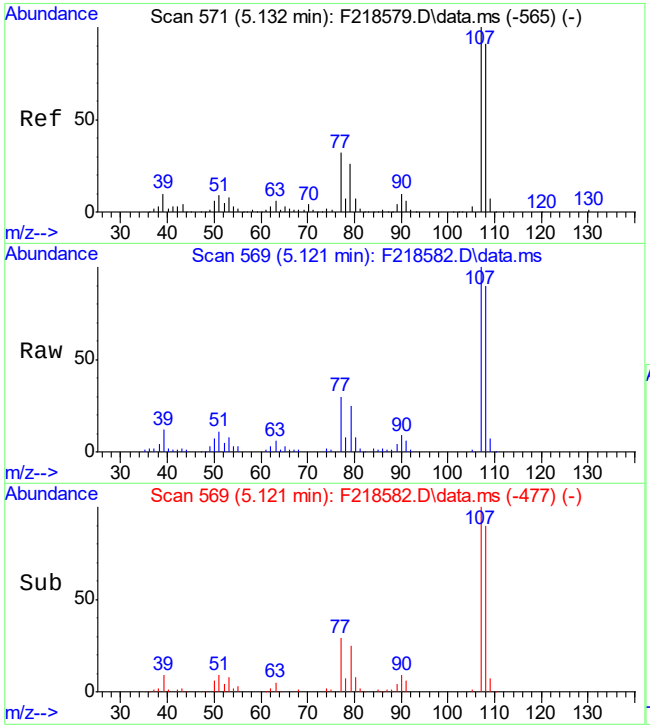


#20
2,2'-oxybis(1-Chloropropane
Concen: 5.41 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:121 Resp: 3584

Ion	Ratio	Lower	Upper
121	100		
45	394.3	351.9	411.9
77	53.7	36.1	96.1

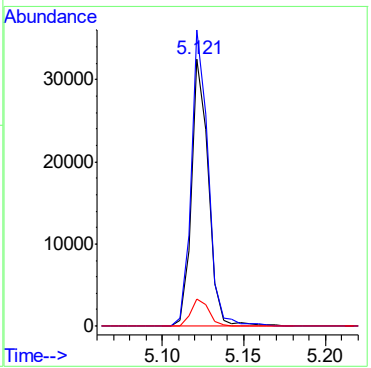


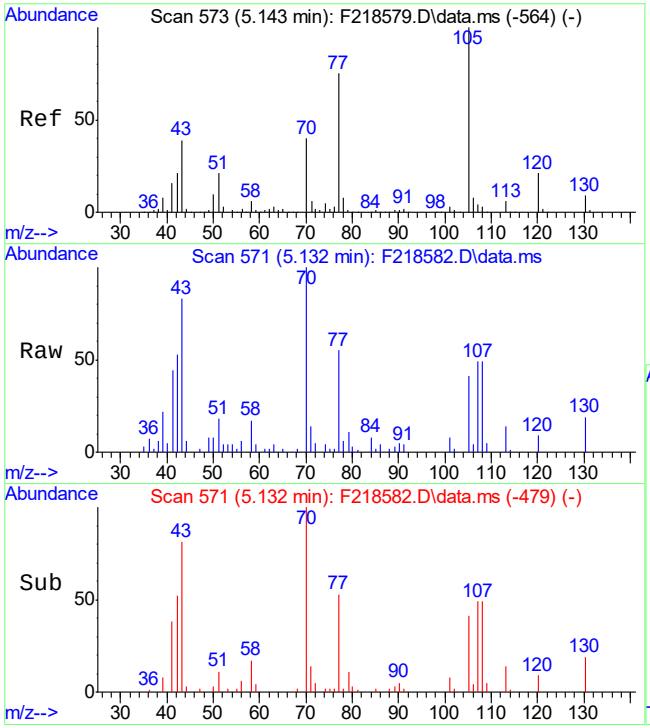


#21
3&4-Methylphenol
Concen: 10.63 ppm
RT: 5.121 min Scan# 569
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:108 Resp: 23724

Ion	Ratio	Lower	Upper
108	100		
107	110.8	79.6	139.6
90	10.1	0.0	40.5

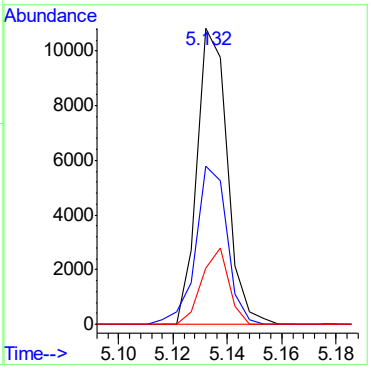


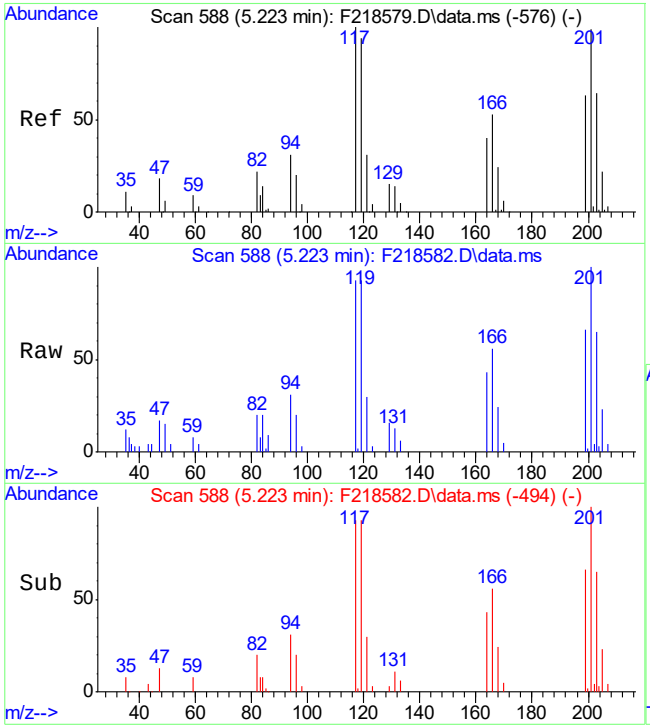


#22
n-Nitroso-di-n-propylamine
Concen: 5.21 ppm
RT: 5.132 min Scan# 571
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 70 Resp: 8358

Ion	Ratio	Lower	Upper
70	100		
42	52.7	36.3	67.3
130	18.8	15.6	29.0

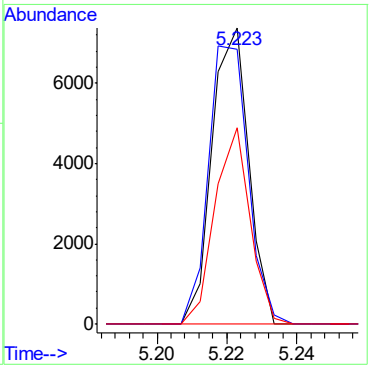


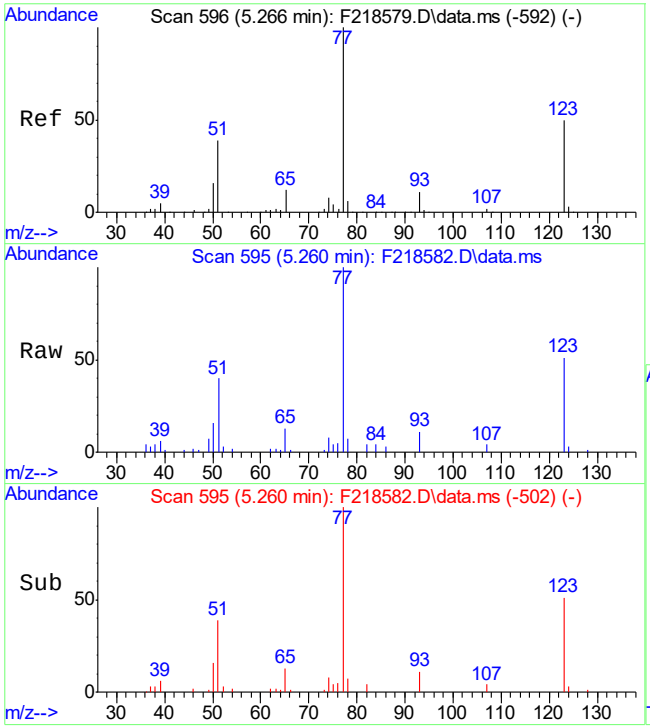


#23
Hexachloroethane
Concen: 5.65 ppm
RT: 5.223 min Scan# 588
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:201 Resp: 5365

Ion	Ratio	Lower	Upper
201	100		
117	92.6	70.8	130.8
199	66.3	33.7	93.7

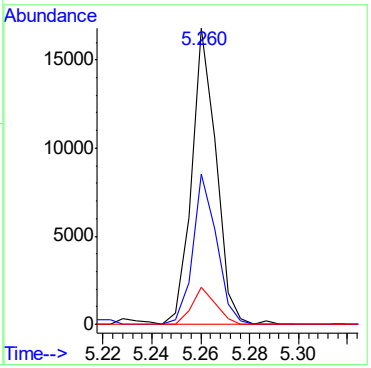


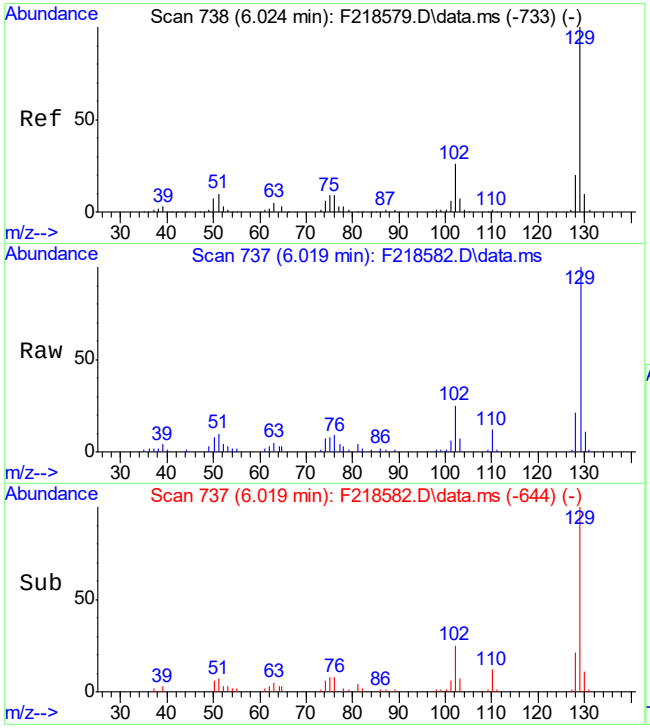


#26
Nitrobenzene
Concen: 5.09 ppm
RT: 5.260 min Scan# 595
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 77 Resp: 11685

Ion	Ratio	Lower	Upper
77	100		
123	50.7	20.4	80.4
65	12.7	0.0	41.9

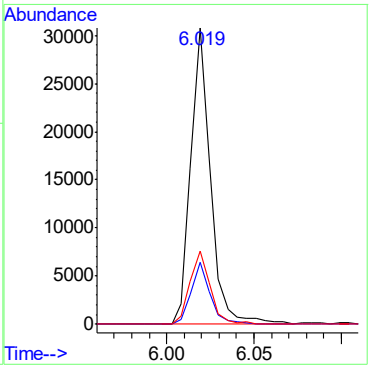


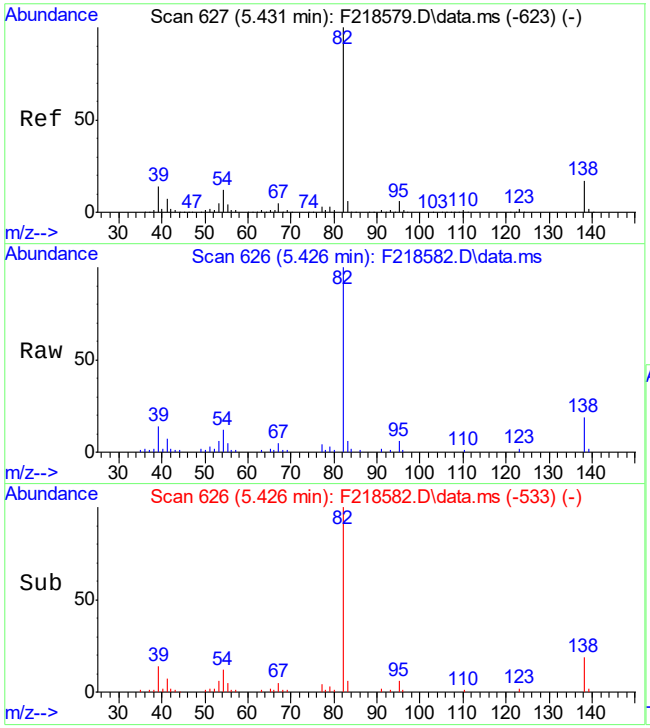


#27
Quinoline
Concen: 5.26 ppm
RT: 6.019 min Scan# 737
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:129 Resp: 24130

Ion	Ratio	Lower	Upper
129	100		
128	20.8	0.0	50.3
102	24.7	0.0	55.9

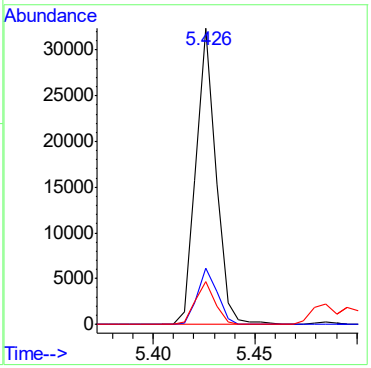


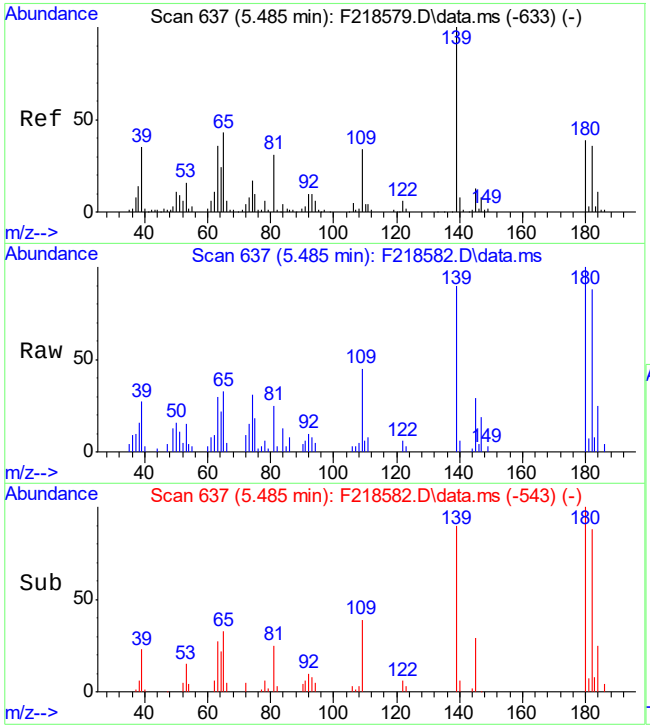


#28
Isophorone
Concen: 5.32 ppm
RT: 5.426 min Scan# 626
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 82 Resp: 21907

Ion	Ratio	Lower	Upper
82	100		
138	18.8	0.0	47.1
39	14.3	0.0	44.0

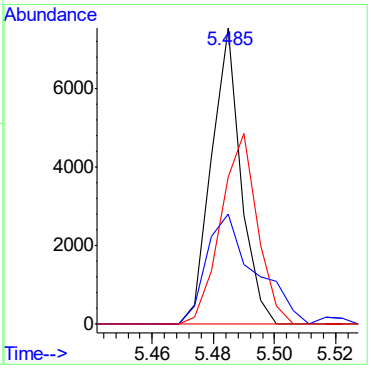


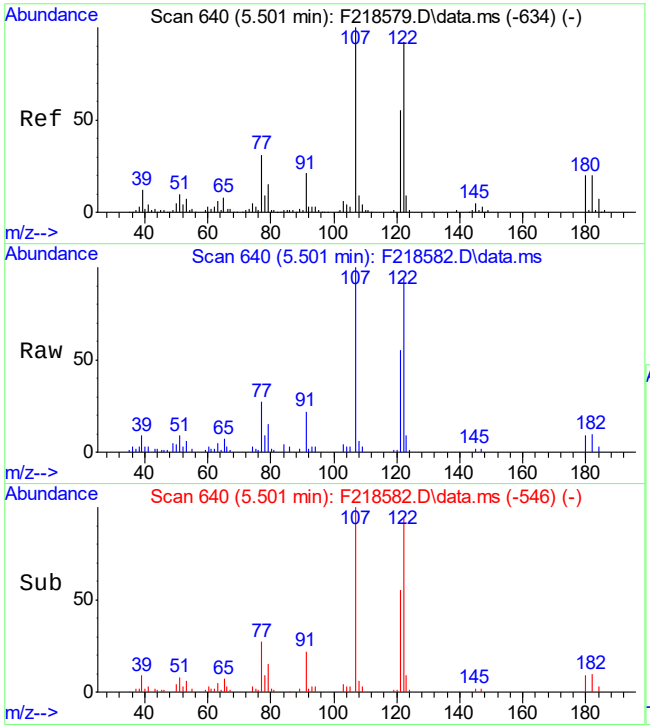


#29
2-Nitrophenol
Concen: 4.51 ppm
RT: 5.485 min Scan# 637
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:139 Resp: 5024

Ion	Ratio	Lower	Upper
139	100		
65	34.9	13.1	73.1
109	49.5	3.7	63.7

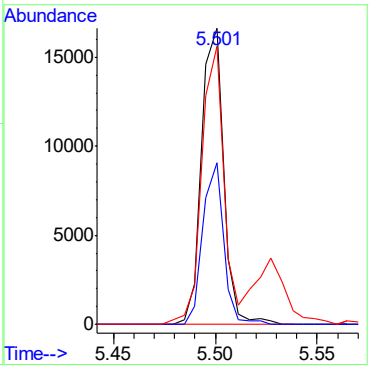


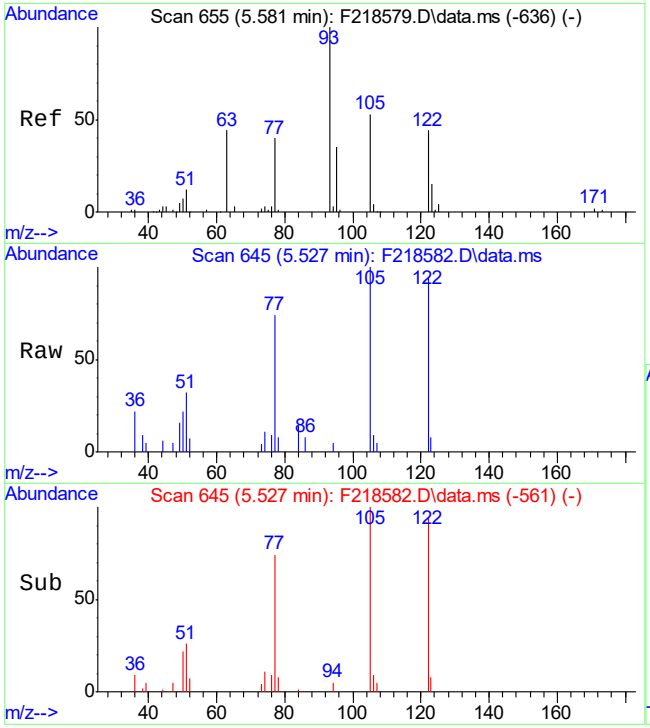


#30
2,4-Dimethylphenol
Concen: 5.44 ppm
RT: 5.501 min Scan# 640
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:107 Resp: 12435

Ion	Ratio	Lower	Upper
107	100		
121	54.7	25.4	85.4
122	91.5	57.3	117.3

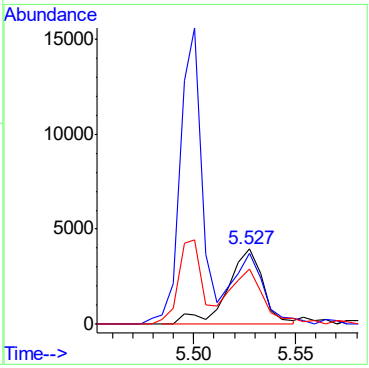


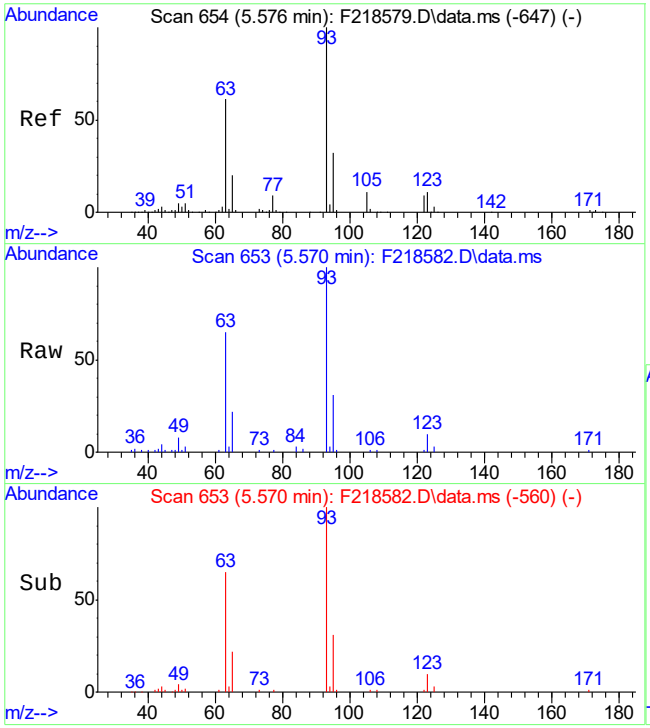


#31
Benzoic acid
Concen: 2.95 ppm
RT: 5.527 min Scan# 645
Delta R.T. -0.053 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:105 Resp: 4784

Ion	Ratio	Lower	Upper
105	100		
122	86.0	56.7	116.7
77	68.4	46.1	106.1

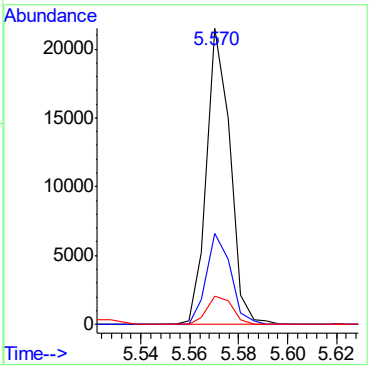


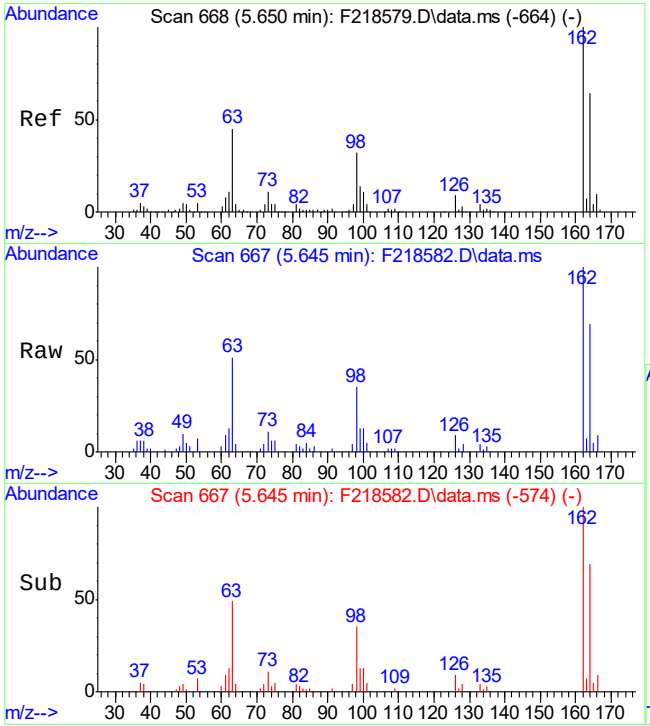


#32
bis(2-Chloroethoxy)methane
Concen: 5.37 ppm
RT: 5.570 min Scan# 653
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 93 Resp: 14304

Ion	Ratio	Lower	Upper
93	100		
95	30.6	2.5	62.5
123	9.5	0.0	41.2

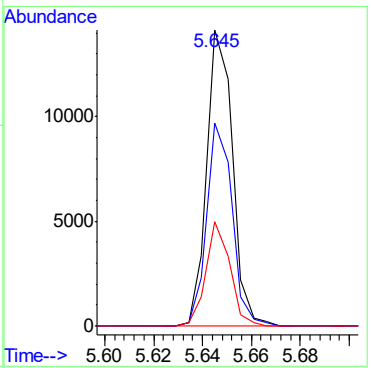


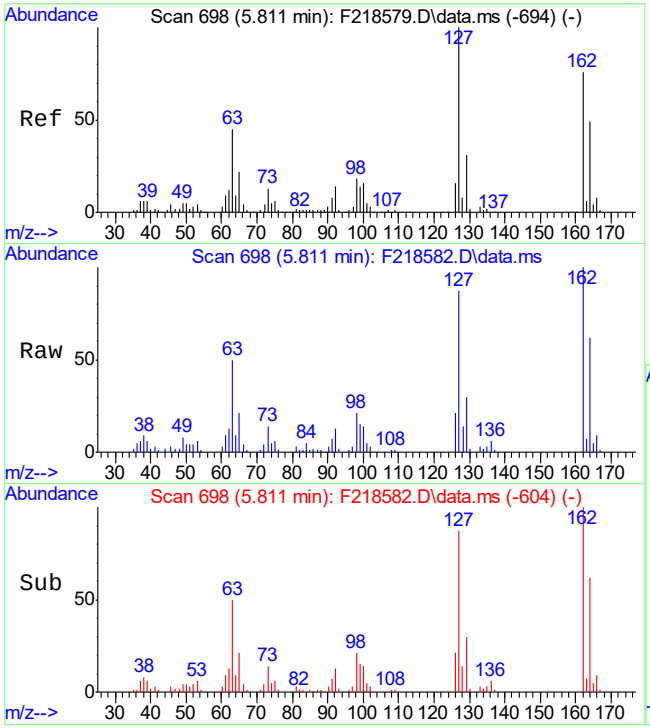


#33
2,4-Dichlorophenol
Concen: 5.26 ppm
RT: 5.645 min Scan# 667
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:162 Resp: 10344

Ion	Ratio	Lower	Upper
162	100		
164	68.6	33.6	93.6
98	35.2	1.5	61.5

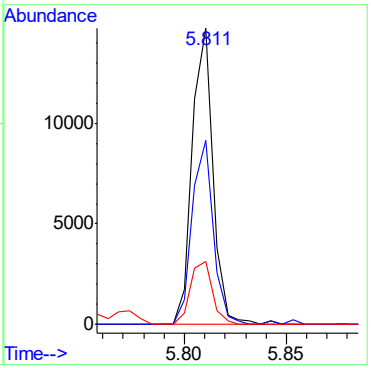


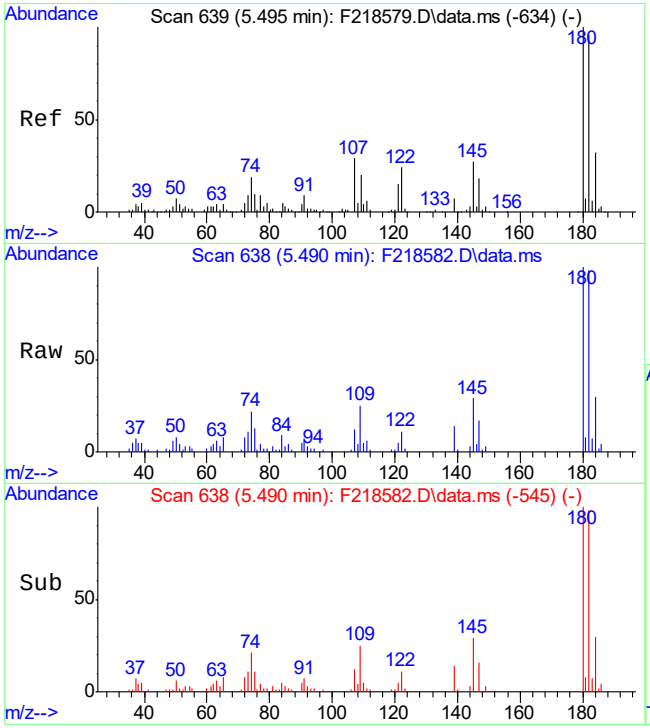


#34
2,6-Dichlorophenol
Concen: 5.24 ppm
RT: 5.811 min Scan# 698
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:162 Resp: 10399

Ion	Ratio	Lower	Upper
162	100		
164	61.4	34.9	94.9
98	21.3	0.0	53.2

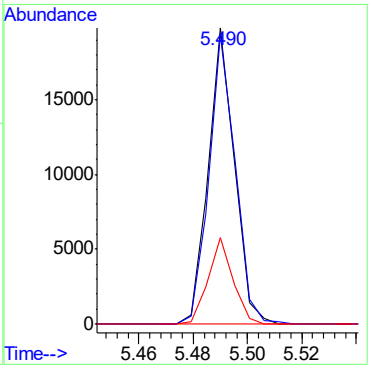


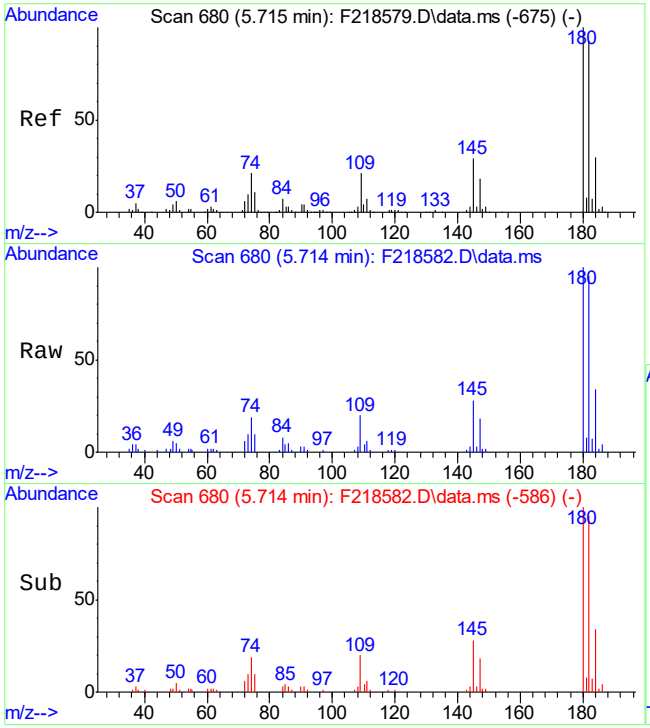


#35
1,3,5-Trichlorobenzene
Concen: 5.67 ppm
RT: 5.490 min Scan# 638
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:180 Resp: 13198

Ion	Ratio	Lower	Upper
180	100		
182	97.7	66.2	126.2
145	29.0	0.0	57.2

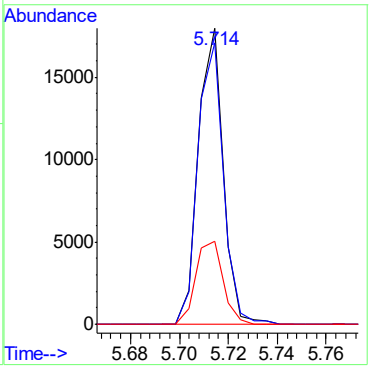


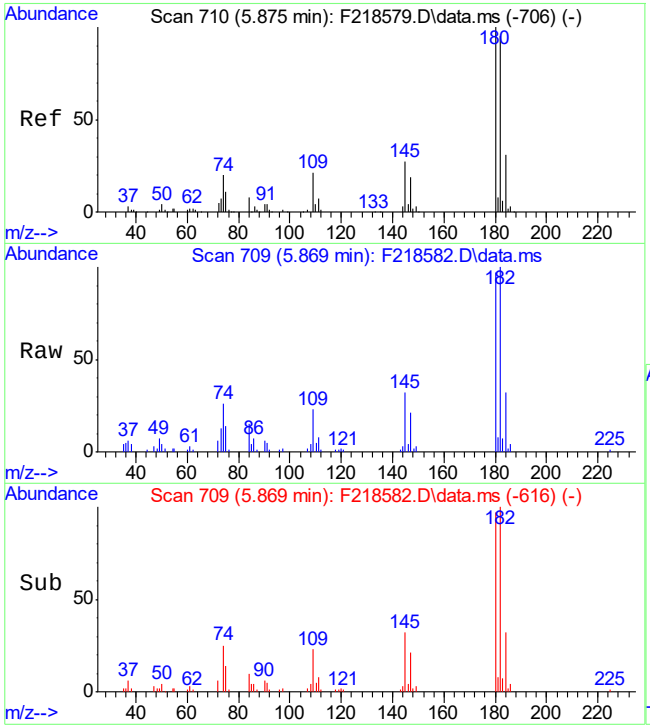


#36
1,2,4-Trichlorobenzene
Concen: 5.67 ppm
RT: 5.714 min Scan# 680
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:180 Resp: 12673

Ion	Ratio	Lower	Upper
180	100		
182	95.1	62.8	122.8
145	28.0	0.0	58.7

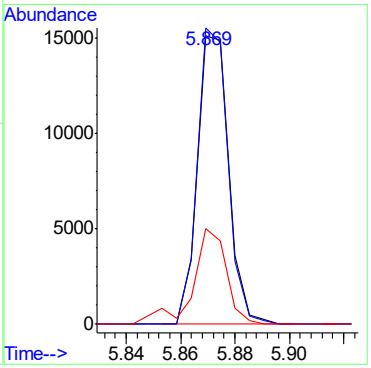


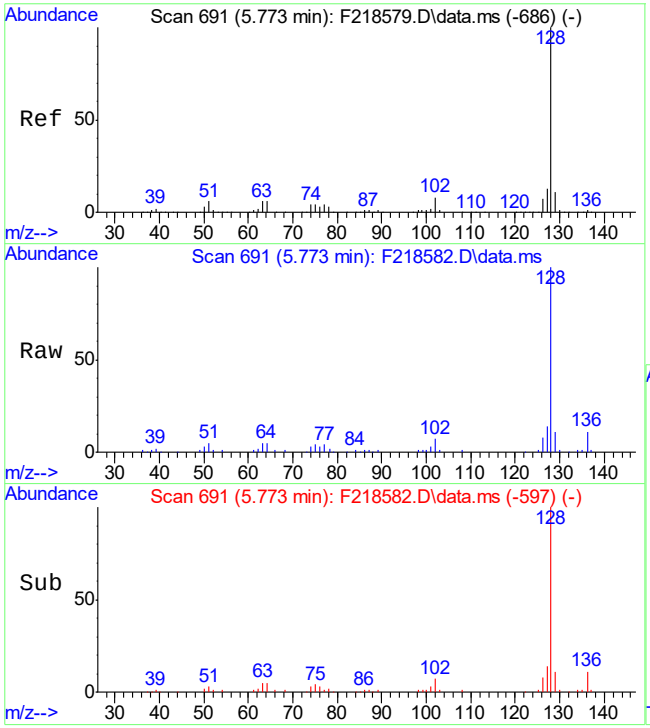


#37
1,2,3-Trichlorobenzene
Concen: 5.51 ppm
RT: 5.869 min Scan# 709
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:180 Resp: 12048

Ion	Ratio	Lower	Upper
180	100		
182	102.8	65.1	125.1
145	30.3	0.0	59.2

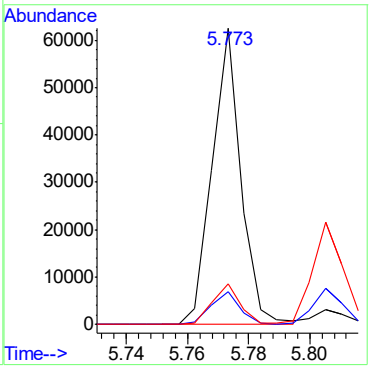


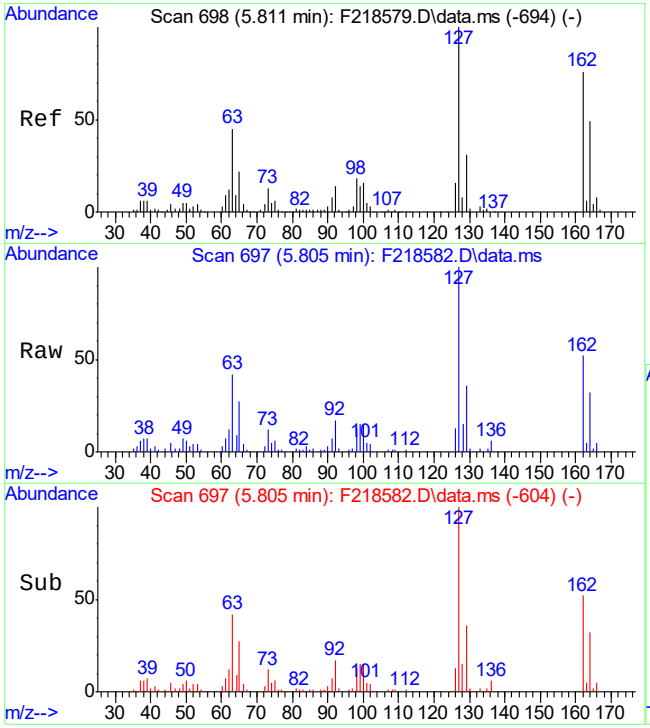


#38
Naphthalene
Concen: 5.65 ppm
RT: 5.773 min Scan# 691
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:128 Resp: 40557

Ion	Ratio	Lower	Upper
128	100		
129	10.7	0.0	41.2
127	13.1	0.0	42.9

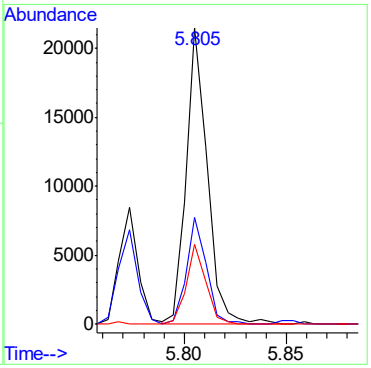


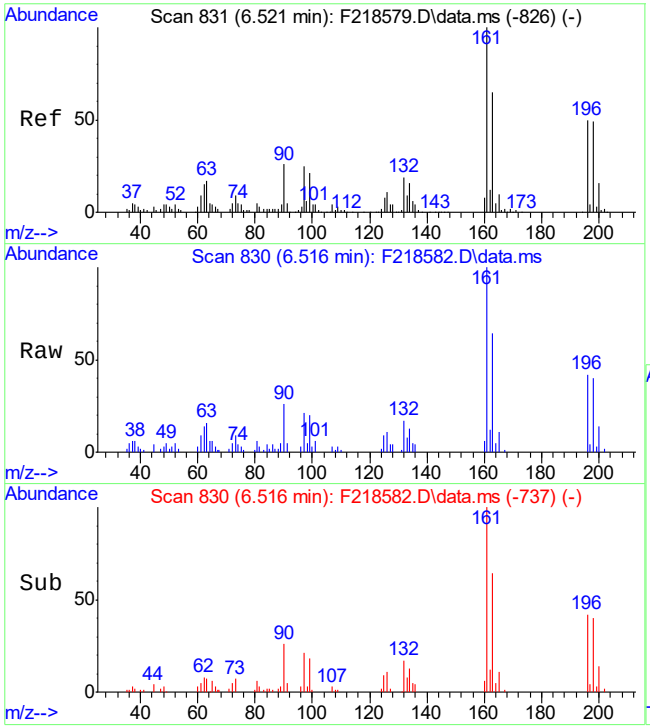


#39
4-Chloroaniline
Concen: 5.07 ppm
RT: 5.805 min Scan# 697
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:127 Resp: 15545

Ion	Ratio	Lower	Upper
127	100		
129	35.5	1.5	61.5
65	26.9	0.0	51.5

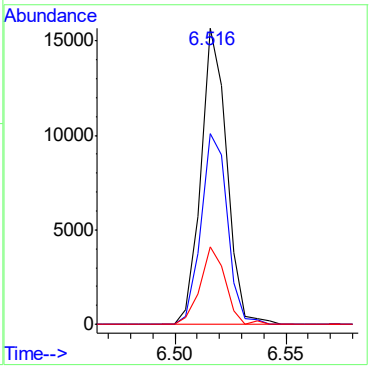


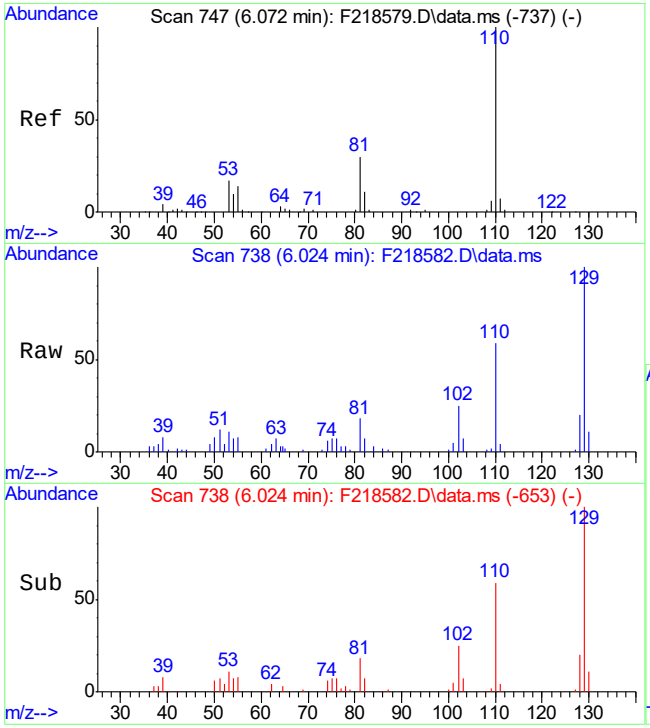


#40
2,3-Dichloroaniline
Concen: 5.42 ppm
RT: 6.516 min Scan# 830
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:161 Resp: 12651

Ion	Ratio	Lower	Upper
161	100		
163	64.3	35.0	95.0
90	26.3	0.0	56.3

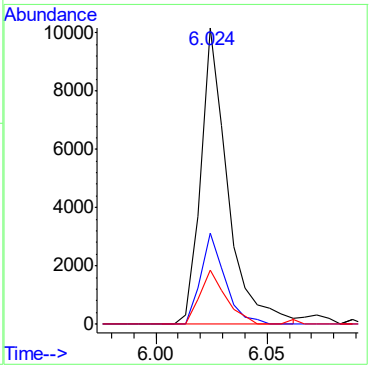


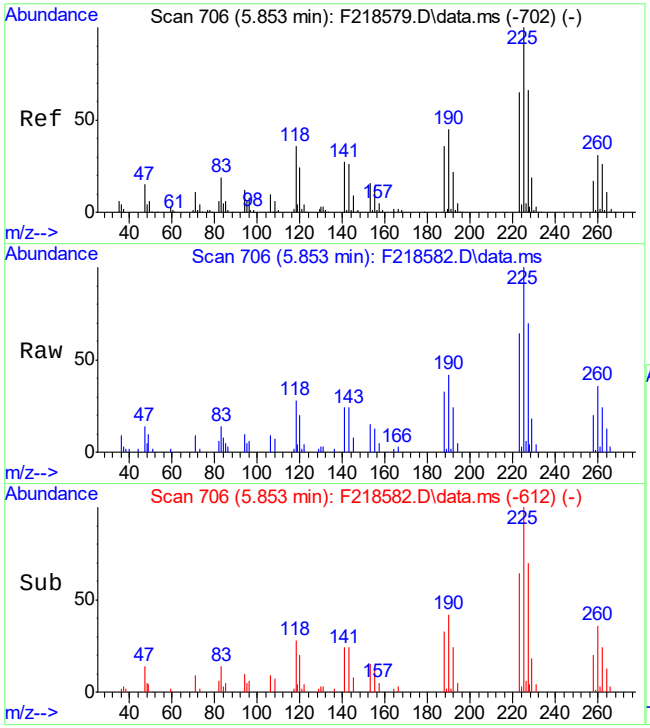


#41
Hydroquinone
Concen: 4.17 ppm
RT: 6.024 min Scan# 738
Delta R.T. -0.048 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:110 Resp: 8530

Ion	Ratio	Lower	Upper
110	100		
81	30.9	0.0	59.9
53	17.5	0.0	47.7

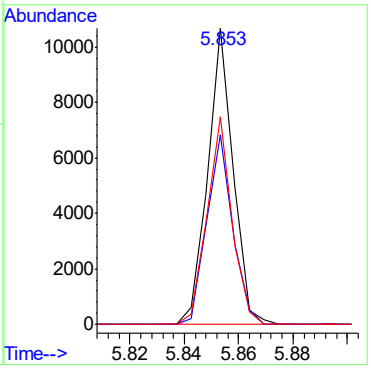


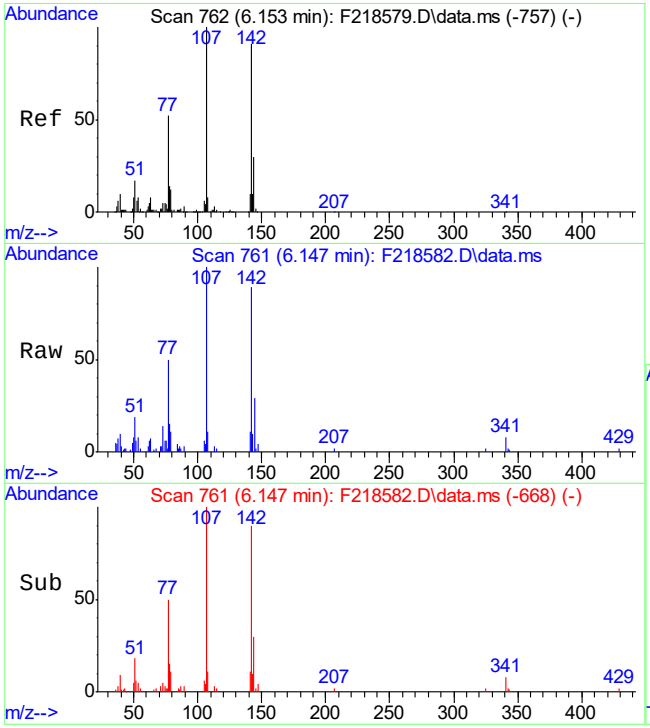


#42
Hexachlorobutadiene
Concen: 5.54 ppm
RT: 5.853 min Scan# 706
Delta R.T. -0.000 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:225 Resp: 6894

Ion	Ratio	Lower	Upper
225	100		
223	64.2	34.5	94.5
227	70.2	35.8	95.8

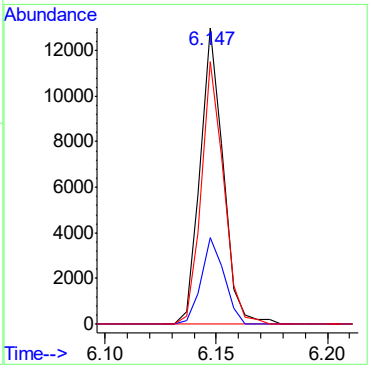


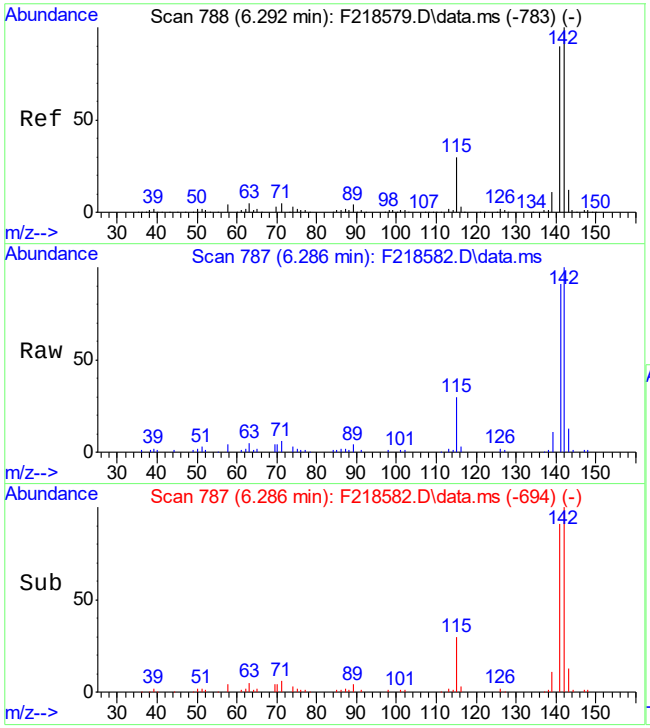


#43
4-Chloro-3-methylphenol
Concen: 5.22 ppm
RT: 6.147 min Scan# 761
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:107 Resp: 9430

Ion	Ratio	Lower	Upper
107	100		
144	29.3	0.0	59.9
142	88.6	61.5	121.5

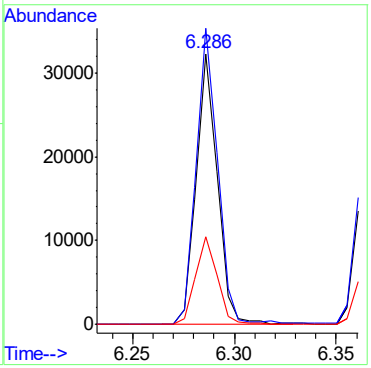


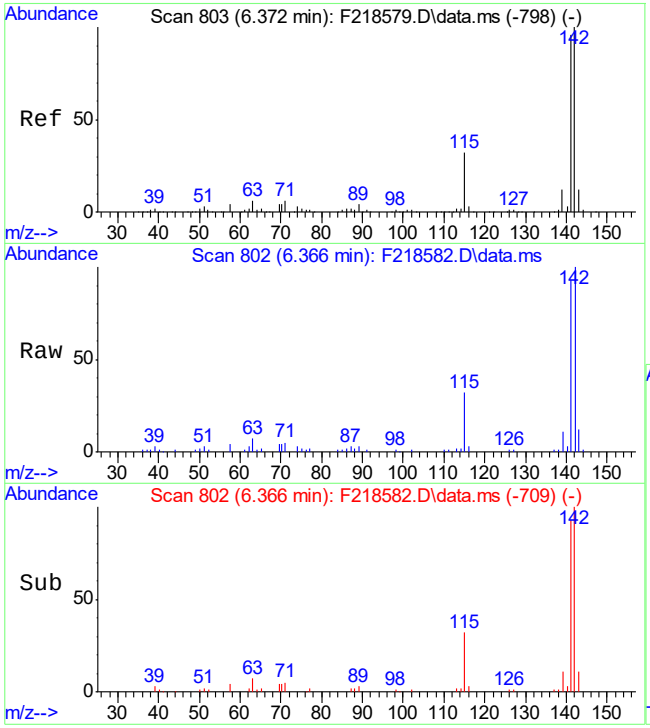


#44
2-Methylnaphthalene
Concen: 5.67 ppm
RT: 6.286 min Scan# 787
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:141 Resp: 23208

Ion	Ratio	Lower	Upper
141	100		
142	109.5	80.5	140.5
115	32.7	2.8	62.8

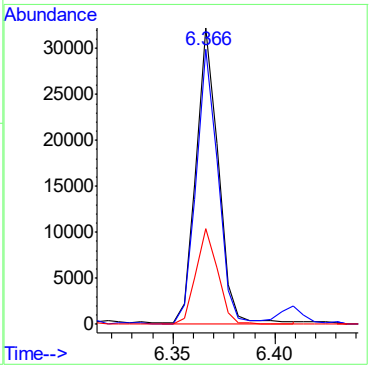


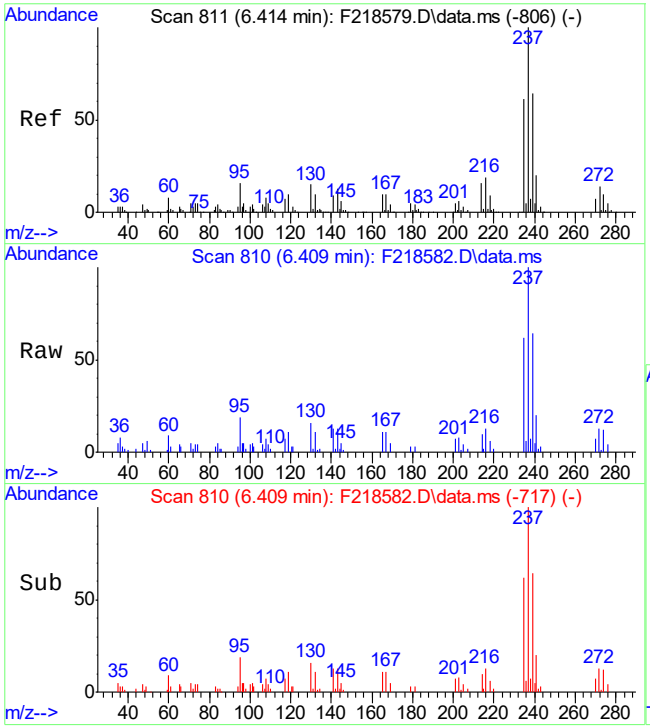


#45
1-Methylnaphthalene
Concen: 5.65 ppm
RT: 6.366 min Scan# 802
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:142 Resp: 24444

Ion	Ratio	Lower	Upper
142	100		
141	90.4	62.9	122.9
115	32.5	2.4	62.4

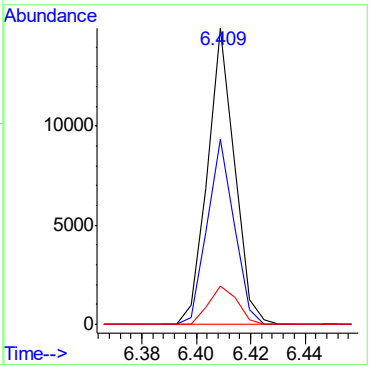


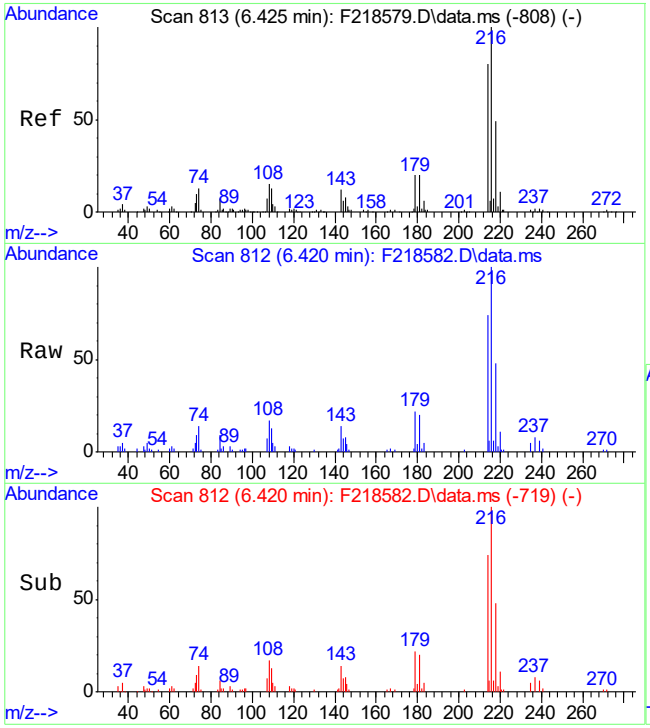


#47
Hexachlorocyclopentadiene
Concen: 10.09 ppm
RT: 6.409 min Scan# 810
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:237 Resp: 10342

Ion	Ratio	Lower	Upper
237	100		
235	62.4	30.8	90.8
272	13.0	0.0	44.0

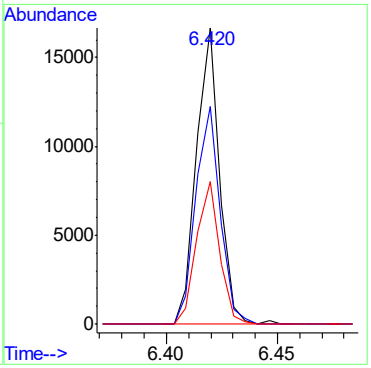


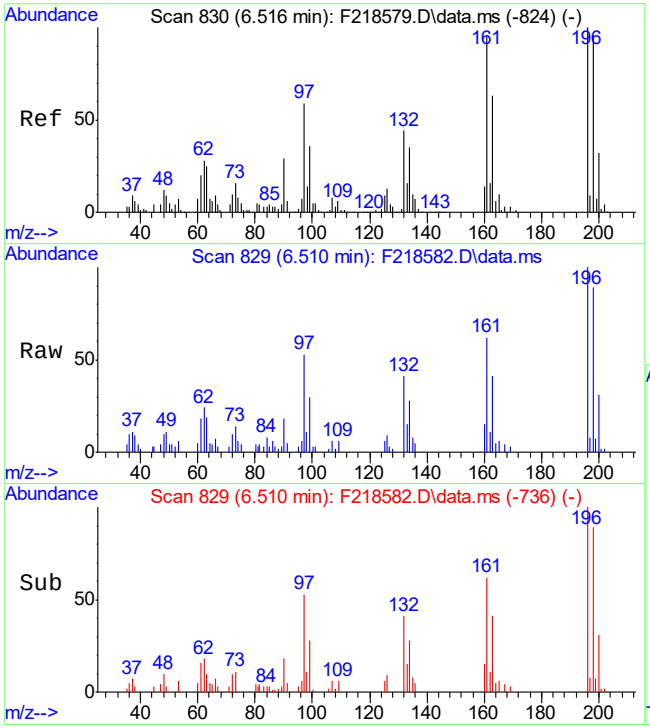


#48
1,2,4,5-tetrachlorobenzene
Concen: 5.59 ppm
RT: 6.420 min Scan# 812
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:216 Resp: 12012

Ion	Ratio	Lower	Upper
216	100		
214	77.4	55.6	103.2
218	48.2	33.6	62.4

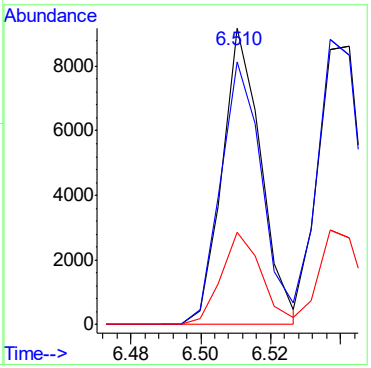


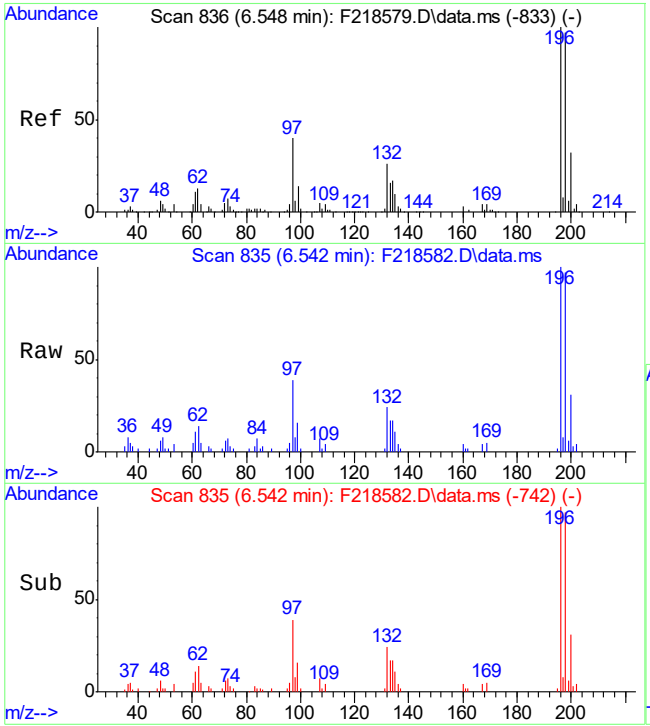


#49
2,4,6-Trichlorophenol
Concen: 5.30 ppm
RT: 6.510 min Scan# 829
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:196 Resp: 7124

Ion	Ratio	Lower	Upper
196	100		
198	87.1	66.2	126.2
200	30.8	1.7	61.7

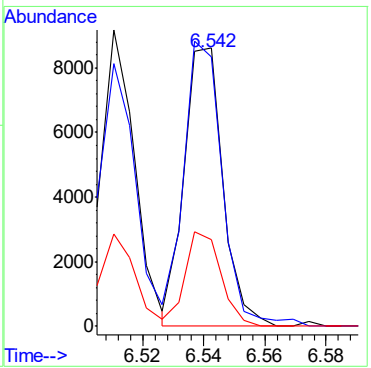


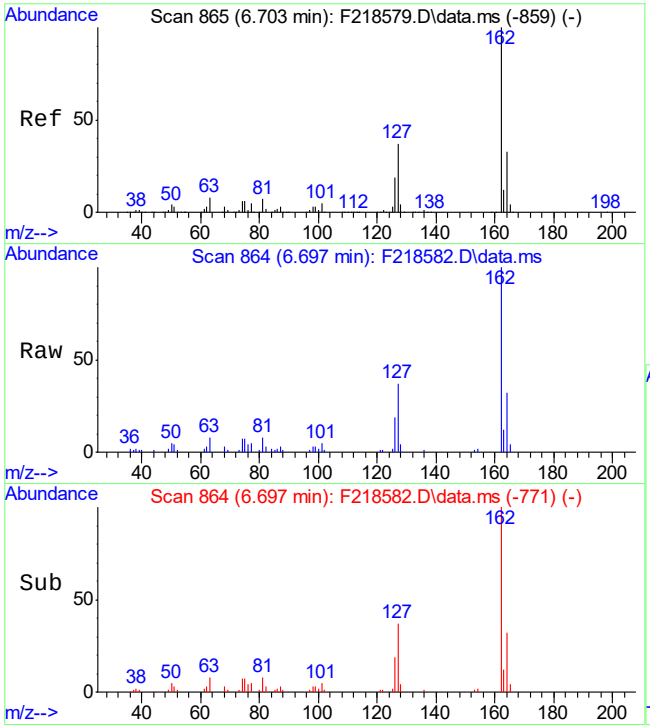


#50
2,4,5-Trichlorophenol
Concen: 5.08 ppm
RT: 6.542 min Scan# 835
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:196 Resp: 7567

Ion	Ratio	Lower	Upper
196	100		
198	94.1	66.8	126.8
200	30.6	1.7	61.7

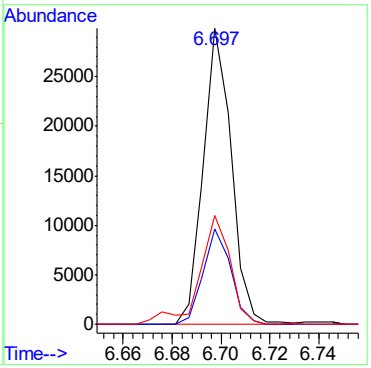


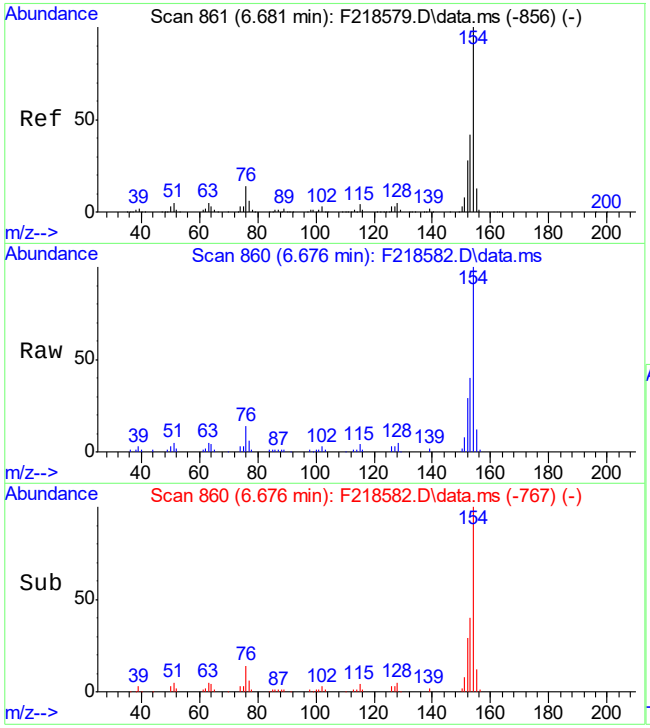


#52
2-Chloronaphthalene
Concen: 5.47 ppm
RT: 6.697 min Scan# 864
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:162 Resp: 23886

Ion	Ratio	Lower	Upper
162	100		
164	32.5	3.0	63.0
127	34.7	6.9	66.9

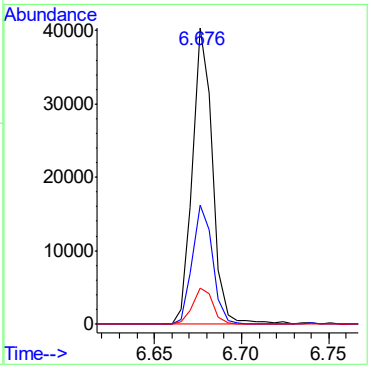


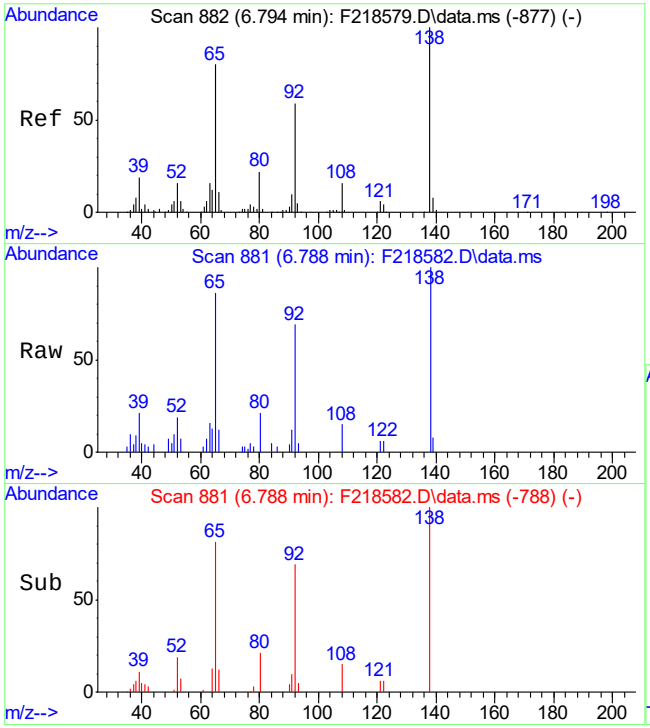


#53
Biphenyl
Concen: 5.75 ppm
RT: 6.676 min Scan# 860
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:154 Resp: 32142

Ion	Ratio	Lower	Upper
154	100		
153	40.0	12.0	72.0
155	12.2	0.0	42.7

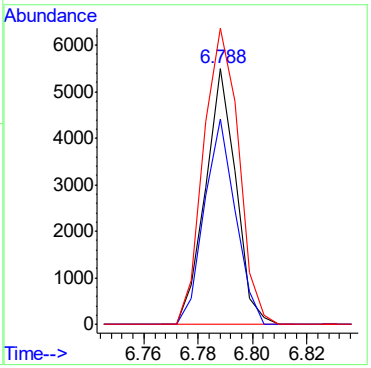


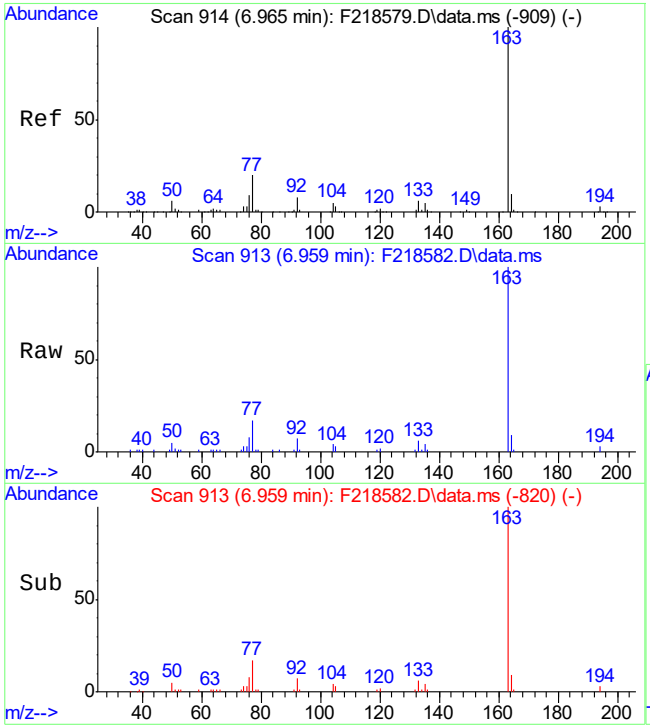


#54
2-Nitroaniline
Concen: 4.21 ppm
RT: 6.788 min Scan# 881
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 65 Resp: 4256

Ion	Ratio	Lower	Upper
65	100		
92	80.3	43.2	103.2
138	115.7	94.6	154.6

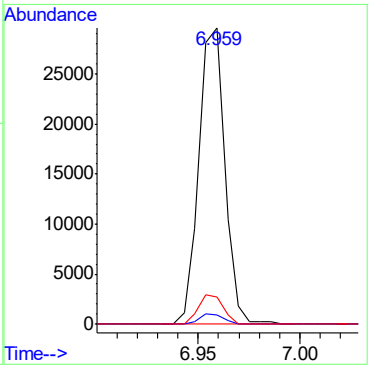


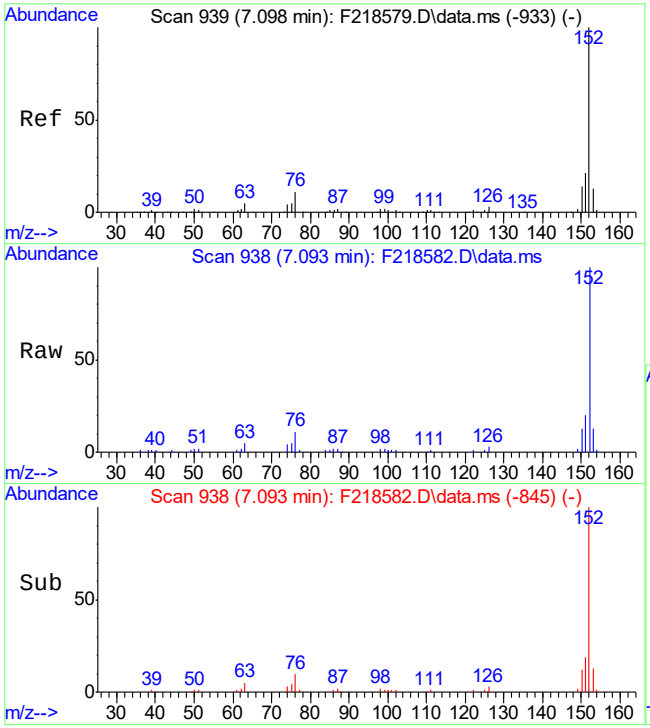


#55
Dimethylphthalate
Concen: 5.50 ppm
RT: 6.959 min Scan# 913
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:163 Resp: 26091

Ion	Ratio	Lower	Upper
163	100		
194	3.1	0.0	33.2
164	9.2	0.0	40.3

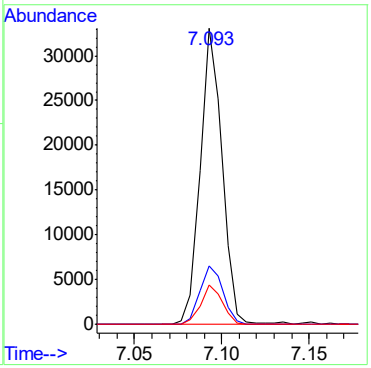


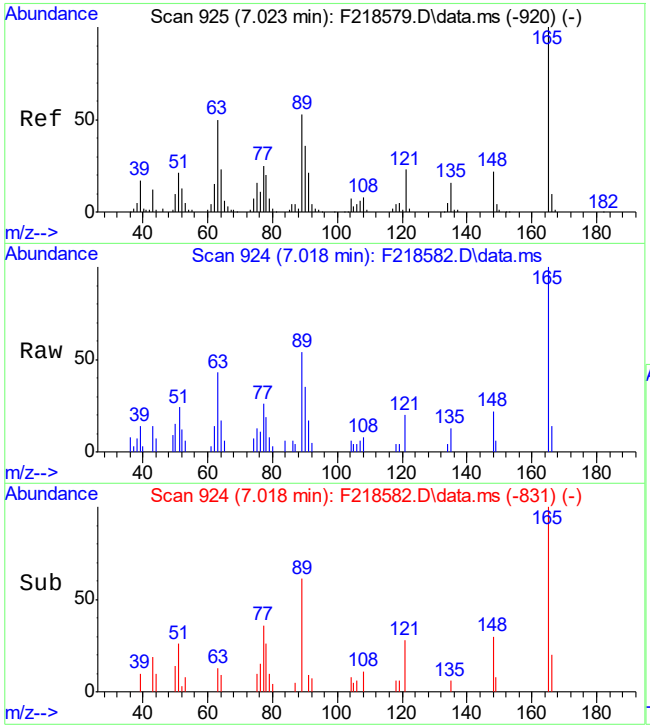


#56
Acenaphthylene
Concen: 5.50 ppm
RT: 7.093 min Scan# 938
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:152 Resp: 28804

Ion	Ratio	Lower	Upper
152	100		
151	19.6	0.0	50.5
153	13.3	0.0	43.0

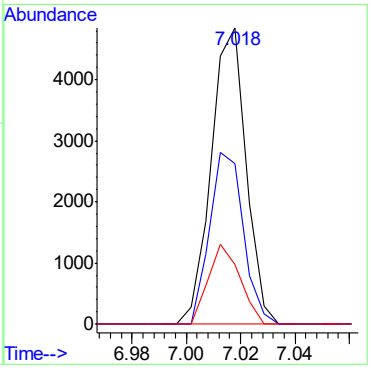


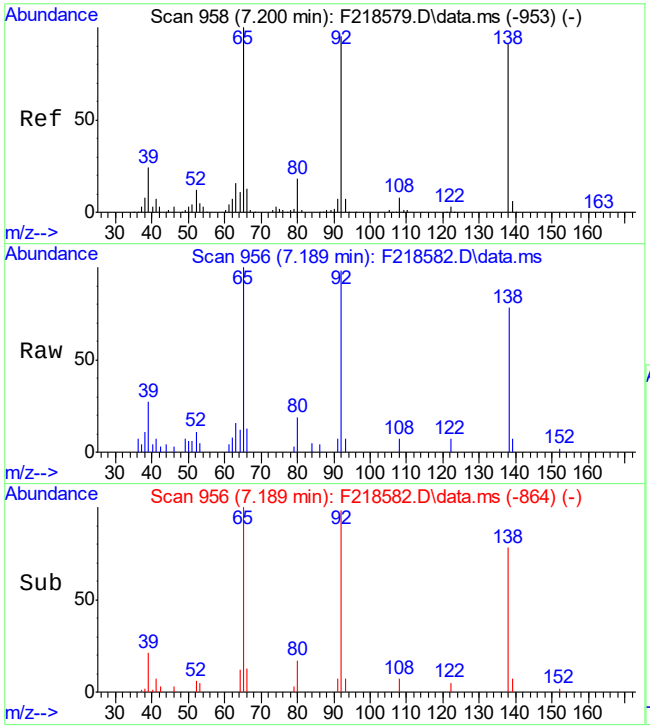


#57
2,6-Dinitrotoluene
Concen: 4.56 ppm
RT: 7.018 min Scan# 924
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:165 Resp: 4309

Ion	Ratio	Lower	Upper
165	100		
89	54.4	23.2	83.2
121	20.3	0.0	52.8

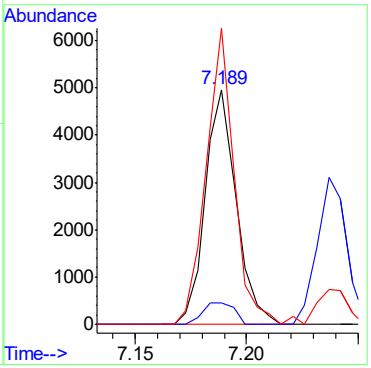


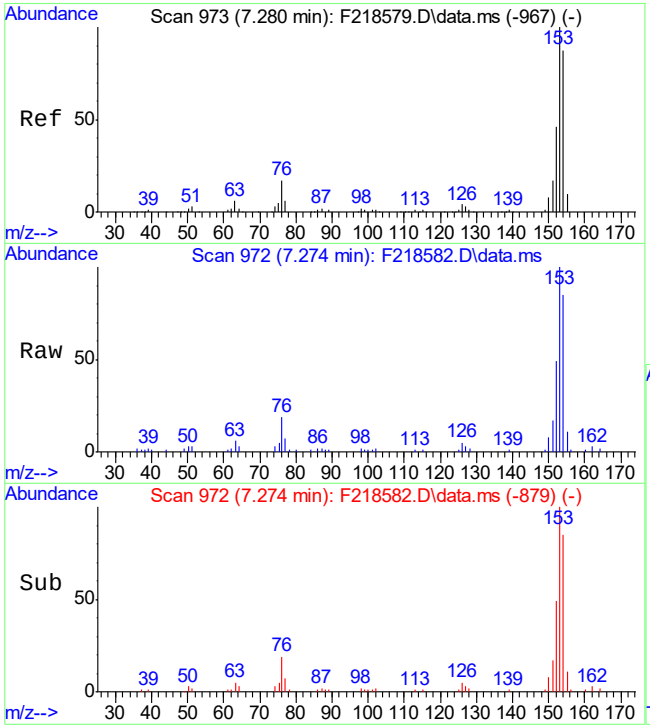


#58
3-Nitroaniline
Concen: 4.17 ppm
RT: 7.189 min Scan# 956
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:138 Resp: 4827

Ion	Ratio	Lower	Upper
138	100		
108	9.3	0.0	38.0
92	124.7	74.4	134.4

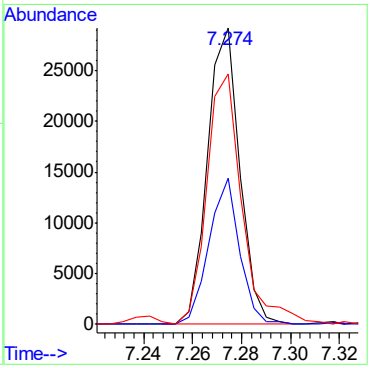


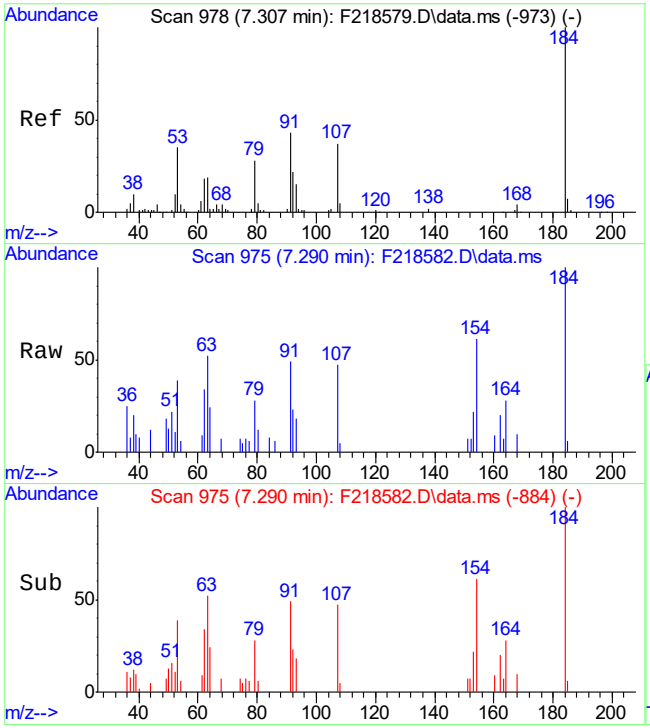


#59
Acenaphthene
Concen: 5.62 ppm
RT: 7.274 min Scan# 972
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:153 Resp: 26824

Ion	Ratio	Lower	Upper
153	100		
152	49.2	16.3	76.3
154	82.3	57.4	117.4

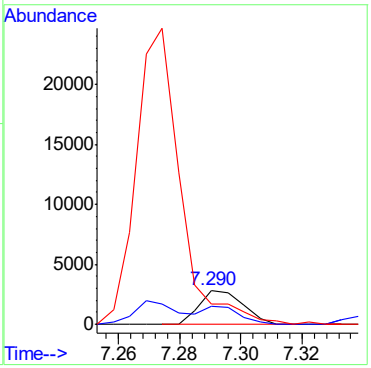


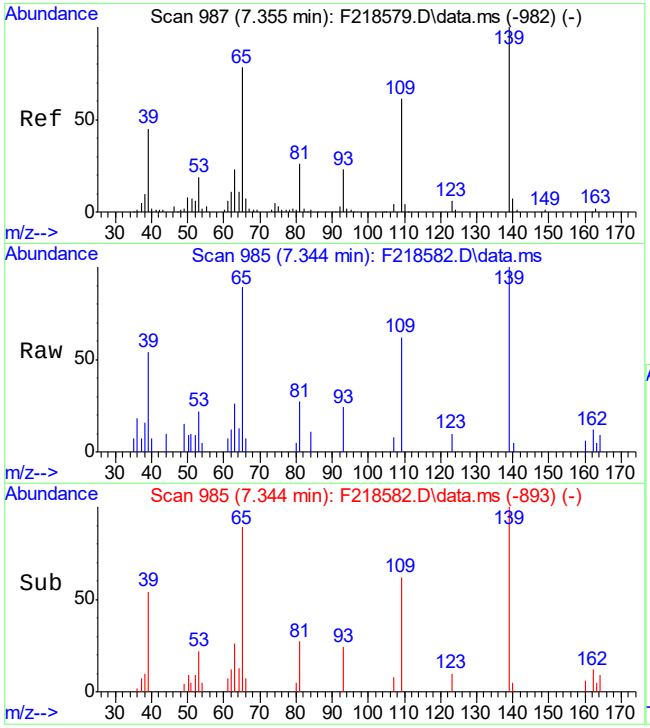


#60
2,4-Dinitrophenol
Concen: 6.28 ppm
RT: 7.290 min Scan# 975
Delta R.T. -0.016 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:184 Resp: 2760

Ion	Ratio	Lower	Upper
184	100		
63	22.6	0.0	60.0
154	0.0	0.0	30.0

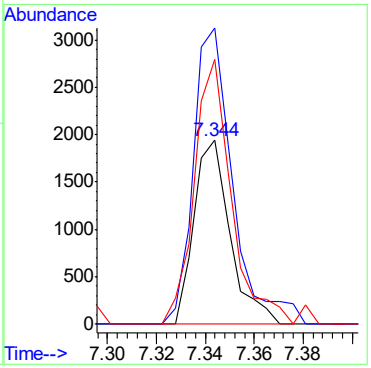


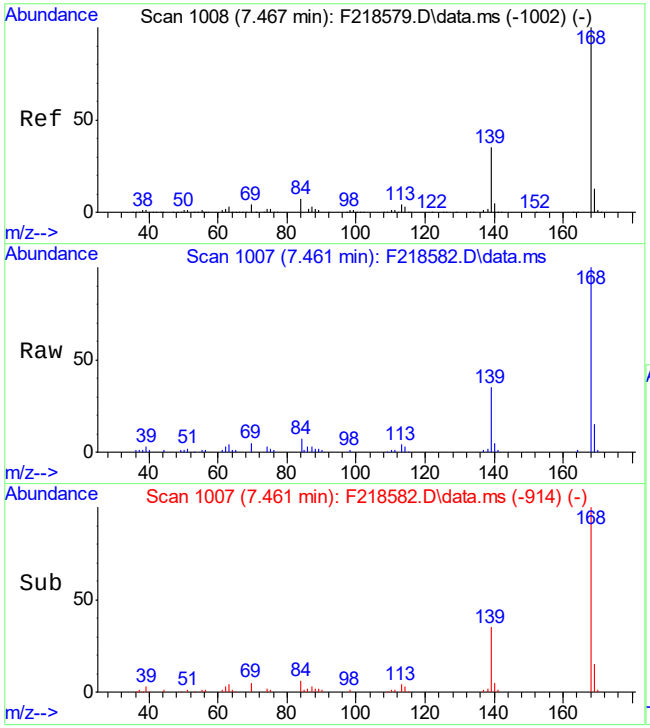


#61
4-Nitrophenol
Concen: 3.62 ppm
RT: 7.344 min Scan# 985
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:109 Resp: 1996

Ion	Ratio	Lower	Upper
109	100		
139	155.5	134.4	194.4
65	144.0	98.6	158.6

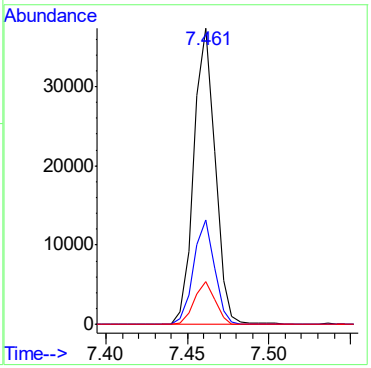


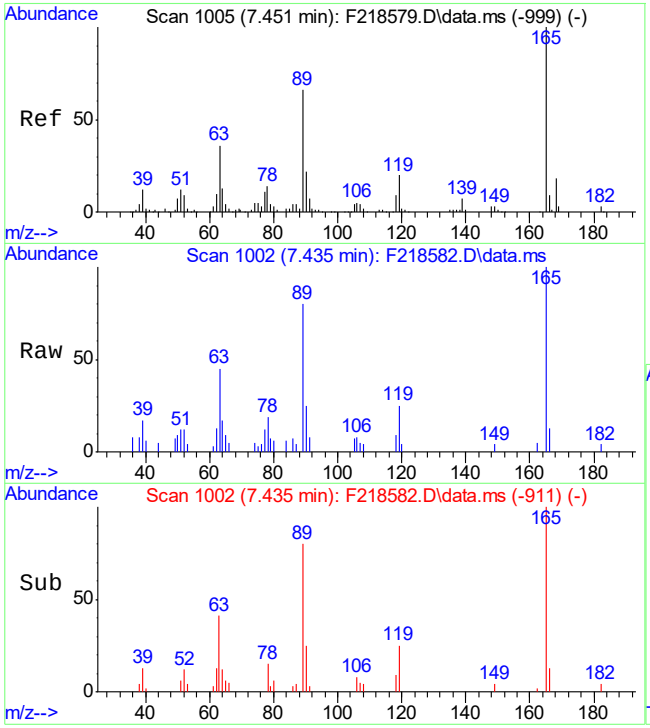


#62
Dibenzofuran
Concen: 5.57 ppm
RT: 7.461 min Scan# 1007
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:168 Resp: 34133

Ion	Ratio	Lower	Upper
168	100		
139	35.4	5.2	65.2
169	14.5	0.0	43.3

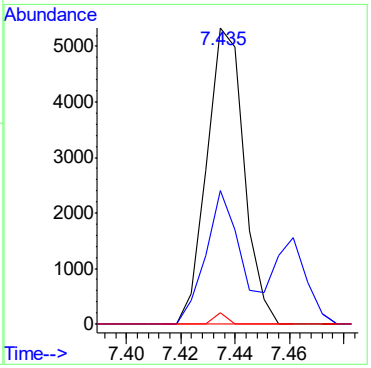


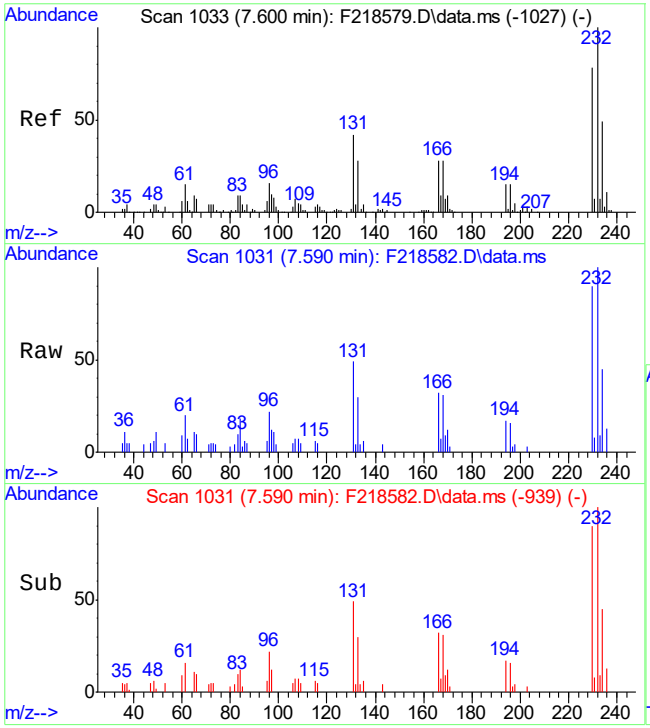


#63
2,4-Dinitrotoluene
Concen: 4.00 ppm
RT: 7.435 min Scan# 1002
Delta R.T. -0.016 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:165 Resp: 5049

Ion	Ratio	Lower	Upper
165	100		
63	30.6	6.1	66.1
182	3.9	0.0	32.6

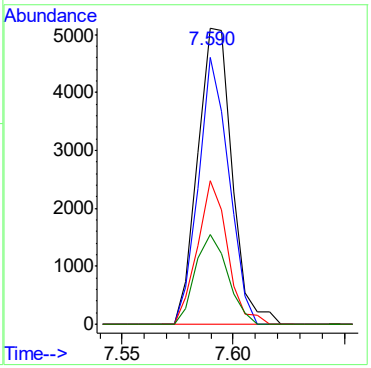


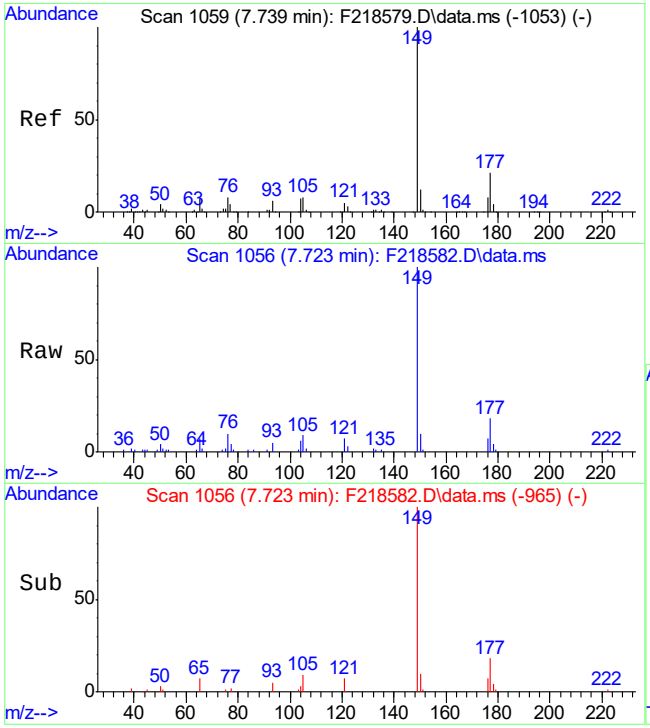


#64
2,3,4,6-Tetrachlorophenol
Concen: 4.67 ppm
RT: 7.590 min Scan# 1031
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:232 Resp: 5495

Ion	Ratio	Lower	Upper
232	100		
230	90.1	48.4	108.4
131	48.6	11.7	71.7
133	30.3	0.0	57.9

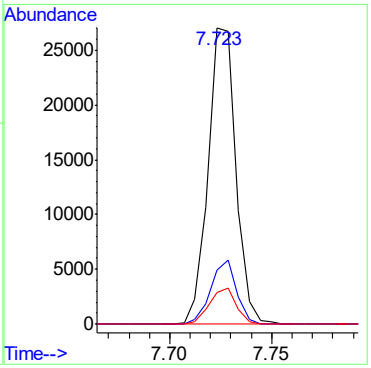


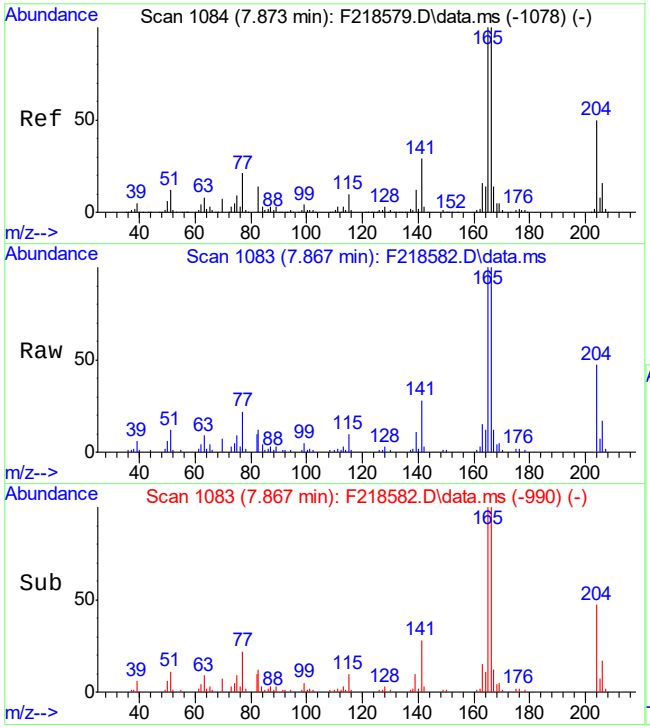


#65
Diethylphthalate
Concen: 5.30 ppm
RT: 7.723 min Scan# 1056
Delta R.T. -0.016 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:149 Resp: 25570

Ion	Ratio	Lower	Upper
149	100		
177	18.3	0.0	50.6
150	10.5	0.0	42.0

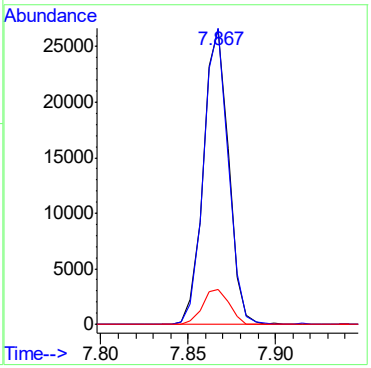


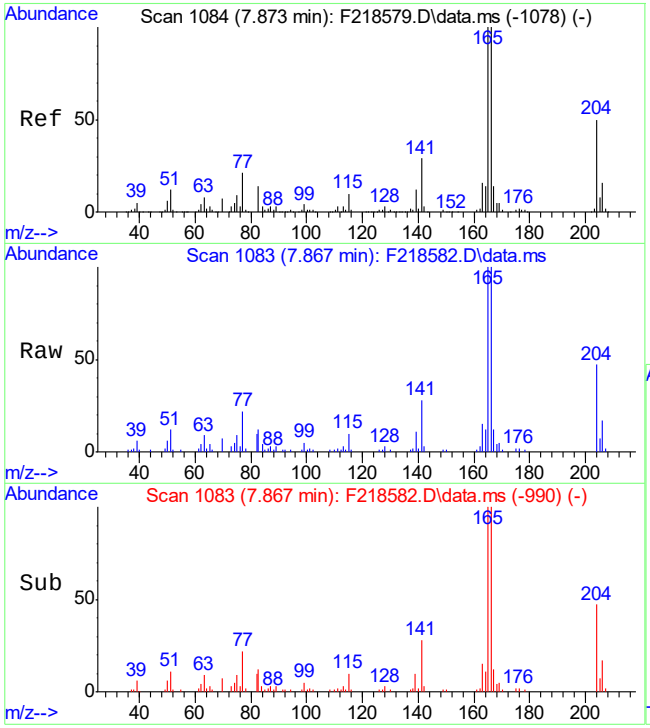


#66
Fluorene
Concen: 5.45 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:166 Resp: 26524

Ion	Ratio	Lower	Upper
166	100		
165	100.4	69.8	129.8
167	11.7	0.0	43.7

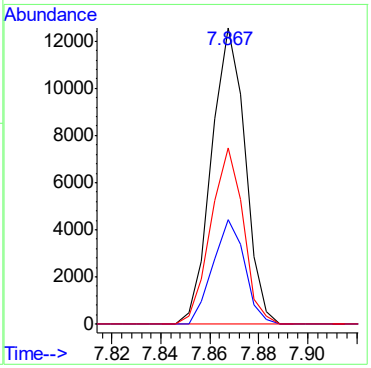


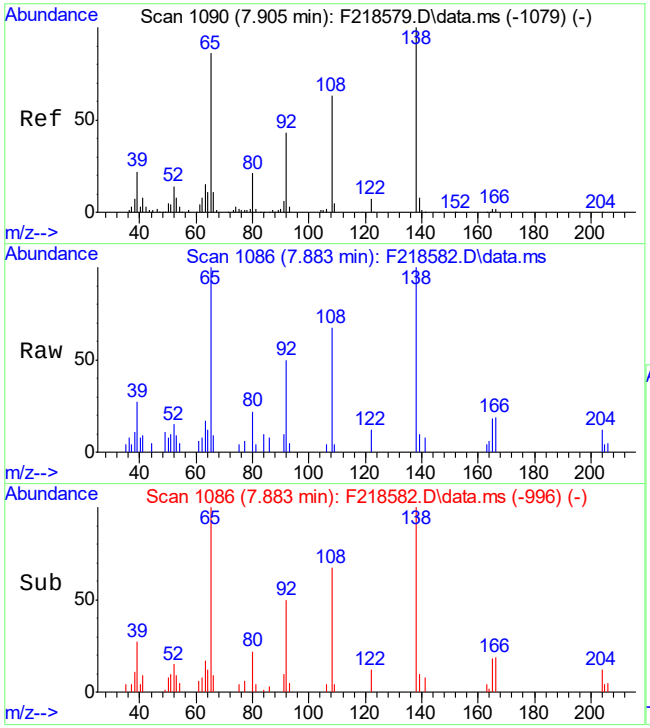


#67
4-Chlorophenyl-phenylether
Concen: 5.35 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:204 Resp: 12019

Ion	Ratio	Lower	Upper
204	100		
206	35.2	2.1	62.1
141	59.6	26.8	86.8

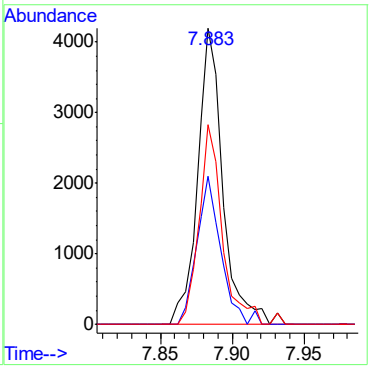


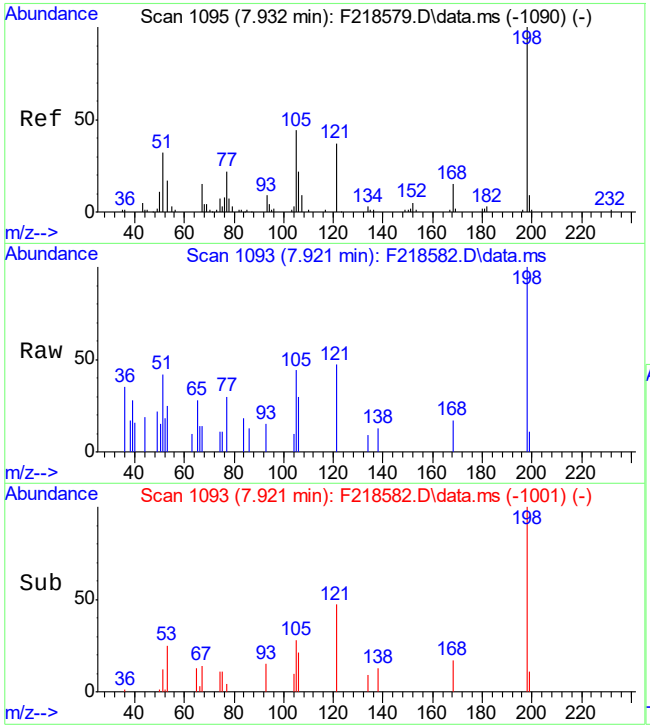


#68
4-Nitroaniline
Concen: 4.24 ppm
RT: 7.883 min Scan# 1086
Delta R.T. -0.022 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:138 Resp: 5200

Ion	Ratio	Lower	Upper
138	100		
92	49.9	13.3	73.3
108	67.4	32.8	92.8

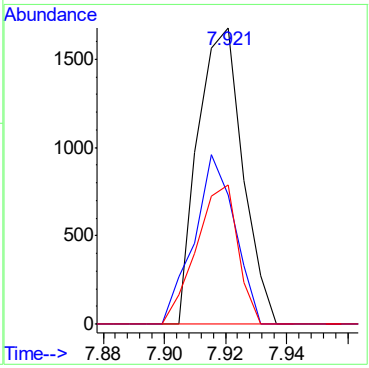


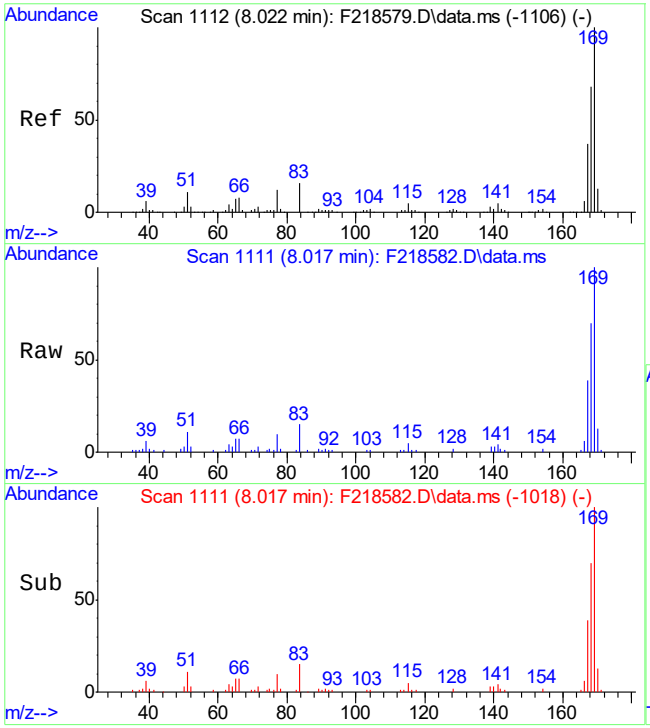


#70
4,6-Dinitro-2-methylphenol
Concen: 3.14 ppm
RT: 7.921 min Scan# 1093
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:198 Resp: 1698

Ion	Ratio	Lower	Upper
198	100		
105	43.7	14.8	74.8
121	47.0	7.1	67.1

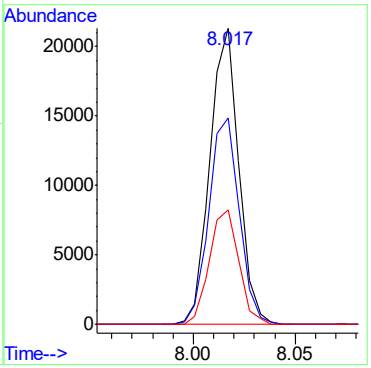


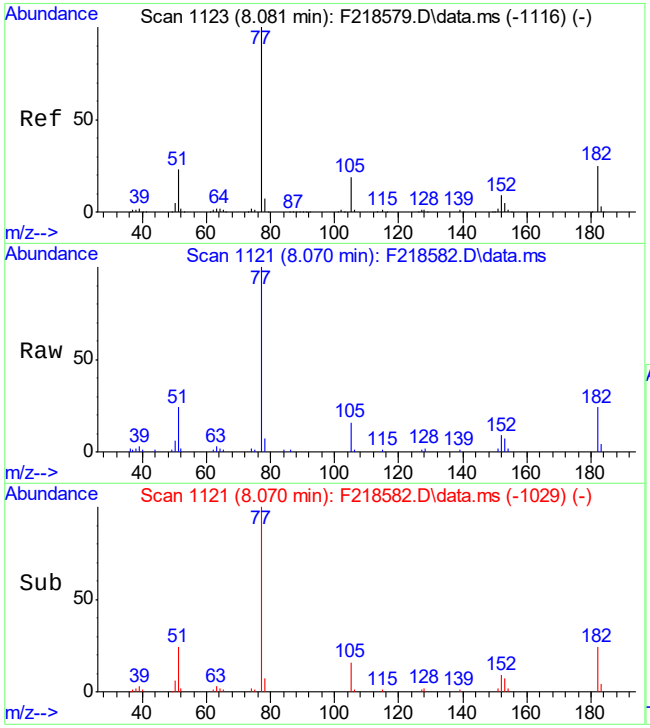


#71
n-Nitrosodiphenylamine
Concen: 5.24 ppm
RT: 8.017 min Scan# 1111
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:169 Resp: 20994

Ion	Ratio	Lower	Upper
169	100		
168	69.9	37.7	97.7
167	38.7	7.1	67.1

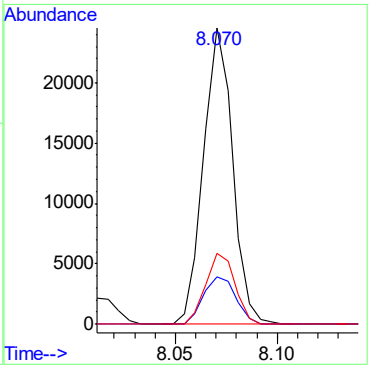


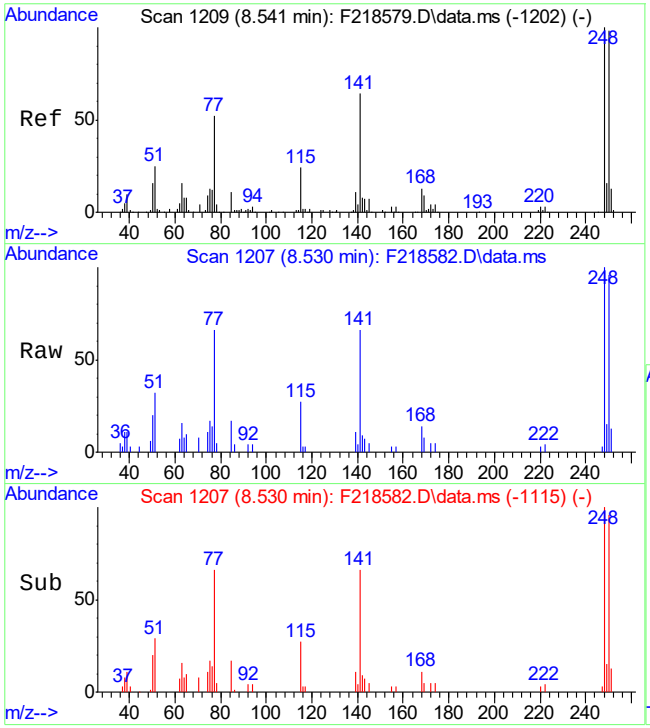


#72
1,2-Diphenylhydrazine
Concen: 5.36 ppm
RT: 8.070 min Scan# 1121
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 77 Resp: 24241

Ion	Ratio	Lower	Upper
77	100		
105	16.0	0.0	48.6
182	24.0	0.0	54.6

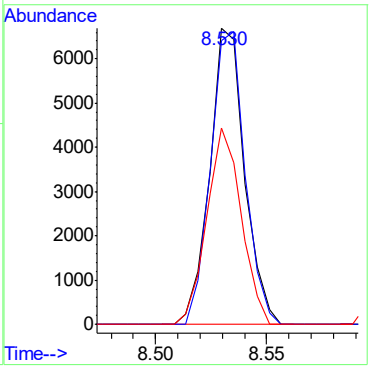


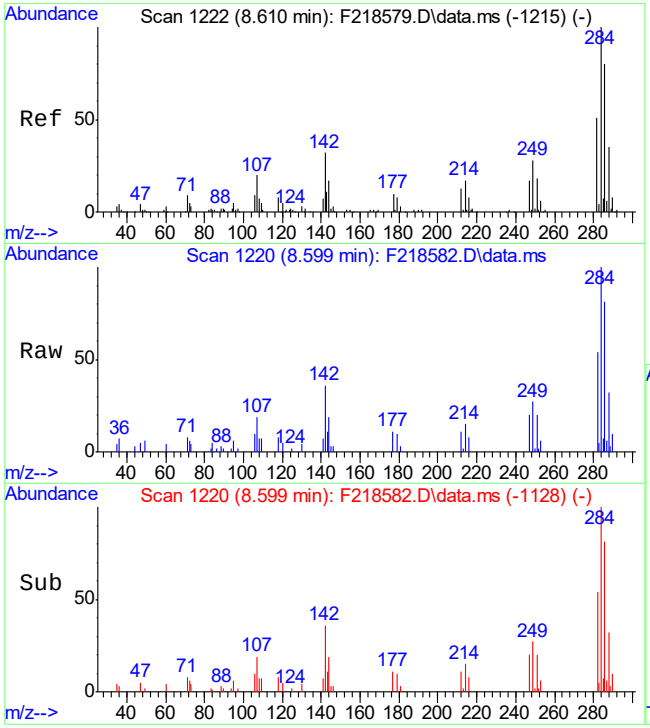


#74
4-Bromophenyl-phenylether
Concen: 5.25 ppm
RT: 8.530 min Scan# 1207
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:248 Resp: 7302

Ion	Ratio	Lower	Upper
248	100		
250	95.7	68.3	128.3
141	66.1	34.4	94.4

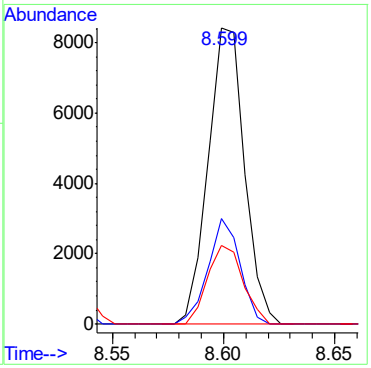


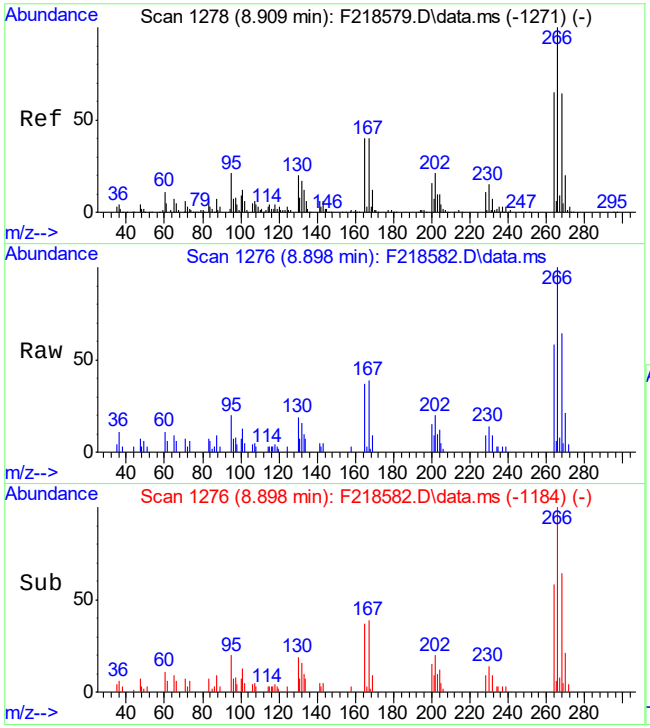


#75
Hexachlorobenzene
Concen: 5.59 ppm
RT: 8.599 min Scan# 1220
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:284 Resp: 9615

Ion	Ratio	Lower	Upper
284	100		
142	35.8	2.4	62.4
249	26.6	0.0	57.7

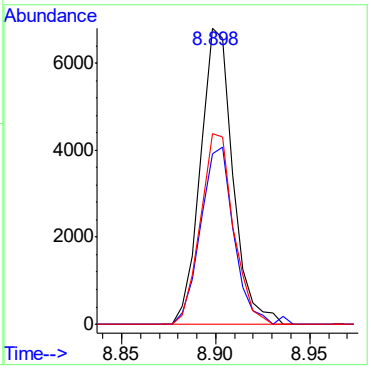


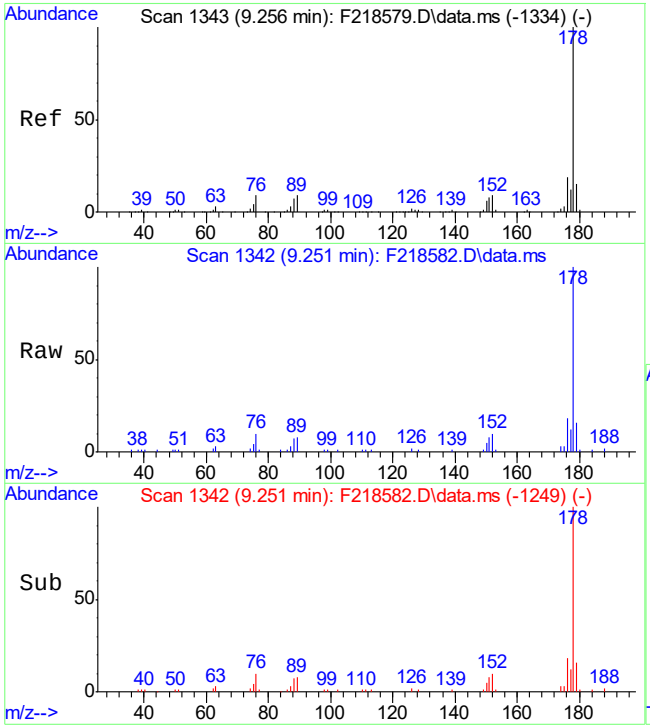


#76
Pentachlorophenol
Concen: 7.99 ppm
RT: 8.898 min Scan# 1276
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:266 Resp: 8138

Ion	Ratio	Lower	Upper
266	100		
264	57.7	34.7	94.7
268	64.4	33.8	93.8

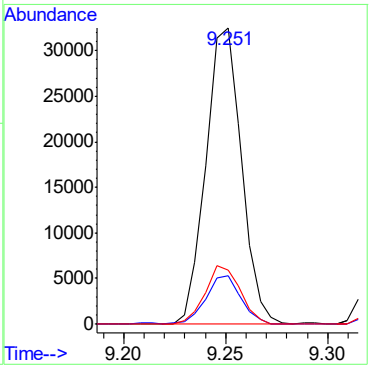


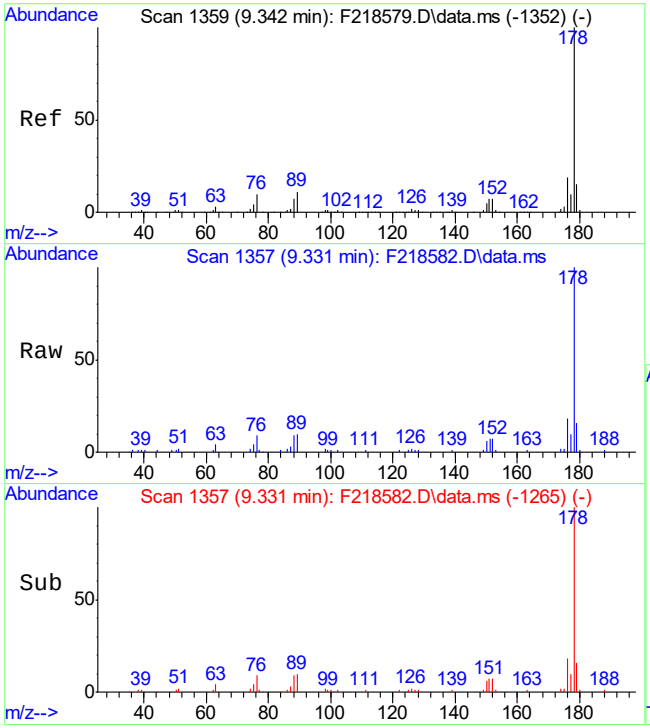


#77
Phenanthrene
Concen: 5.58 ppm
RT: 9.251 min Scan# 1342
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:178 Resp: 39455

Ion	Ratio	Lower	Upper
178	100		
179	16.4	0.0	45.2
176	18.2	0.0	48.7

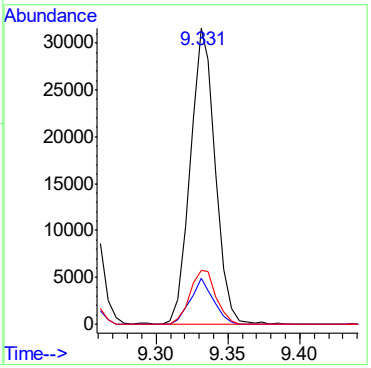


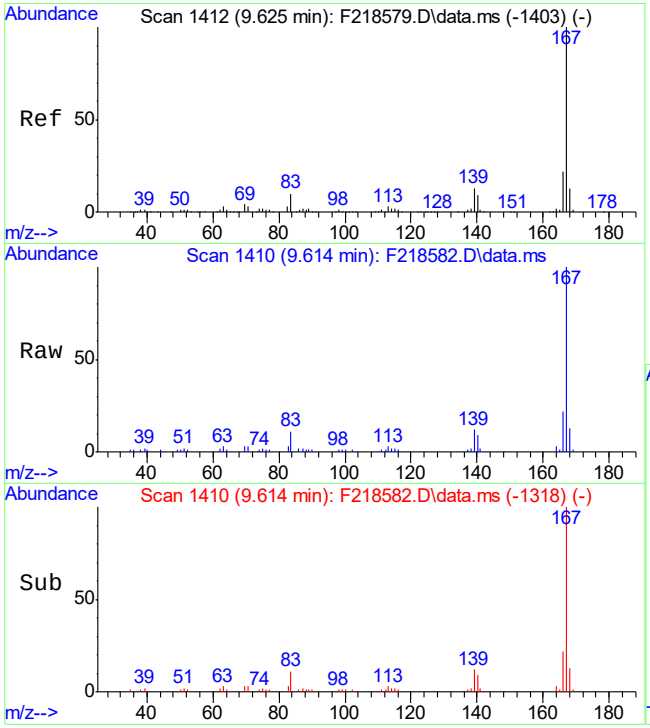


#78
Anthracene
Concen: 5.43 ppm
RT: 9.331 min Scan# 1357
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:178 Resp: 38473

Ion	Ratio	Lower	Upper
178	100		
179	15.8	0.0	45.2
176	18.1	0.0	48.6

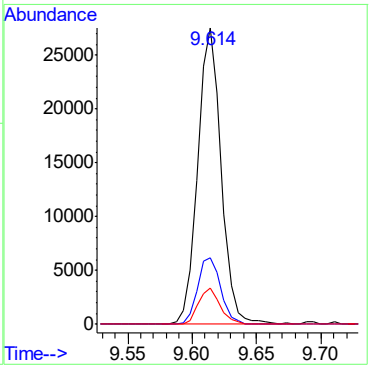


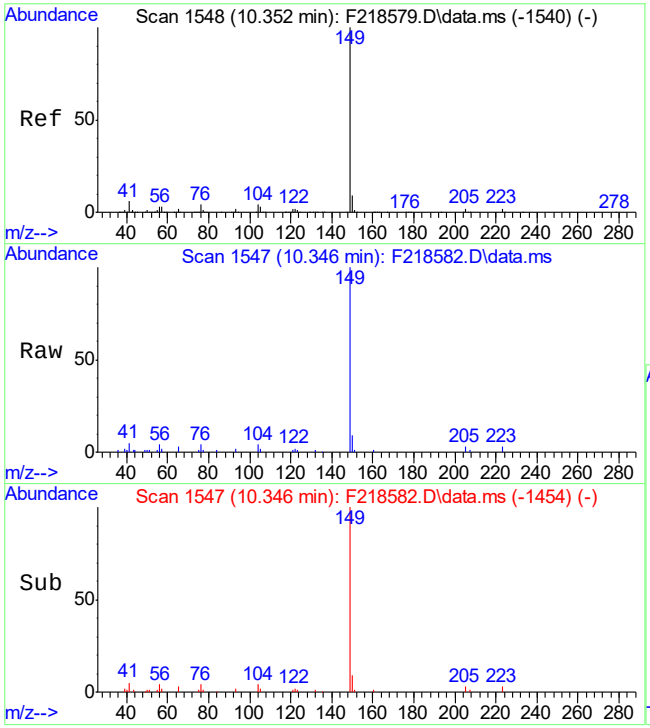


#79
Carbazole
Concen: 5.36 ppm
RT: 9.614 min Scan# 1410
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:167 Resp: 35031

Ion	Ratio	Lower	Upper
167	100		
166	22.5	0.0	52.1
139	12.0	0.0	42.7

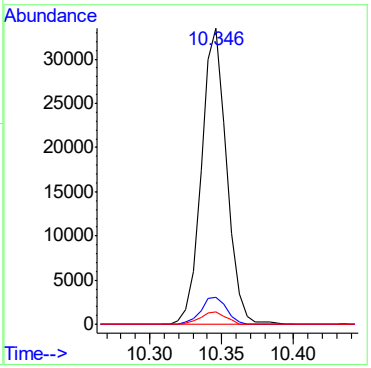


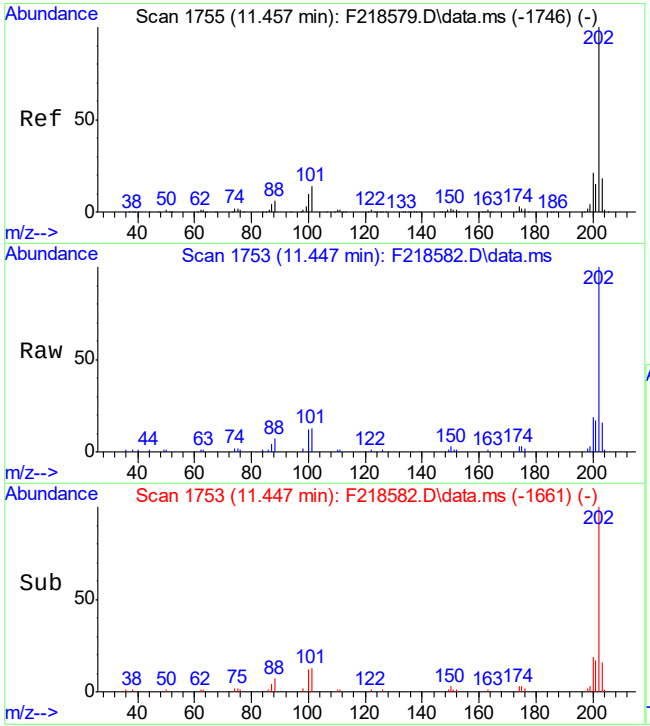


#80
Di-n-butylphthalate
Concen: 4.82 ppm
RT: 10.346 min Scan# 1547
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:149 Resp: 40809

Ion	Ratio	Lower	Upper
149	100		
150	9.2	0.0	39.1
104	4.3	0.0	34.5

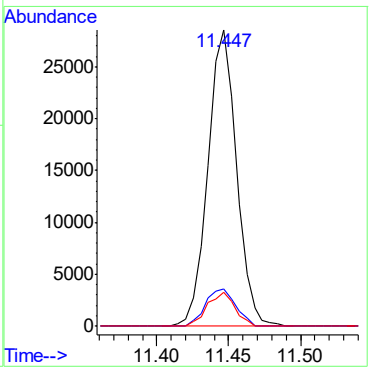


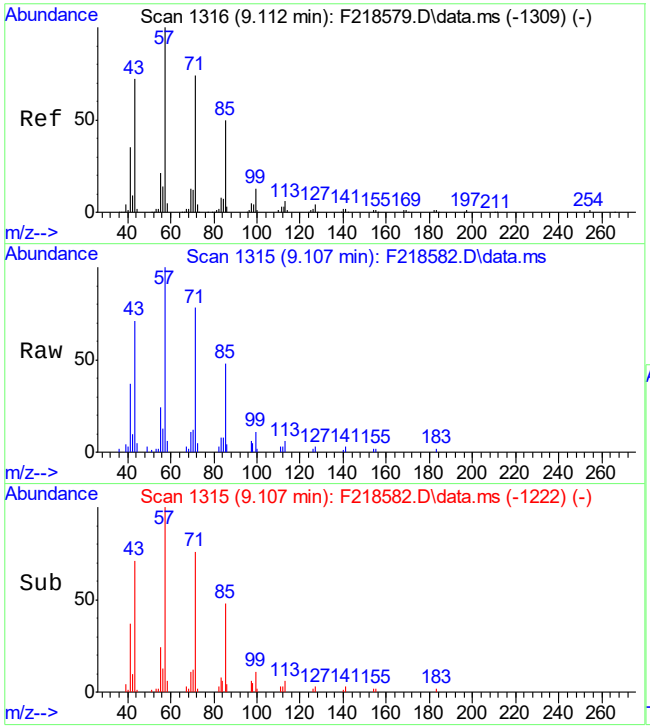


#81
Fluoranthene
Concen: 5.14 ppm
RT: 11.447 min Scan# 1753
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:202 Resp: 39263

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	43.8
100	11.6	0.0	40.4

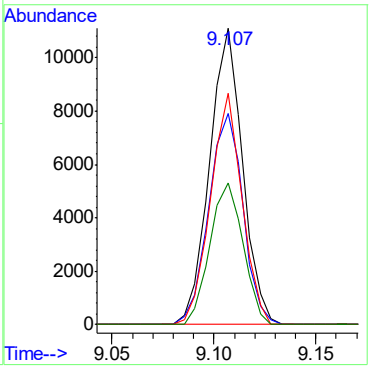


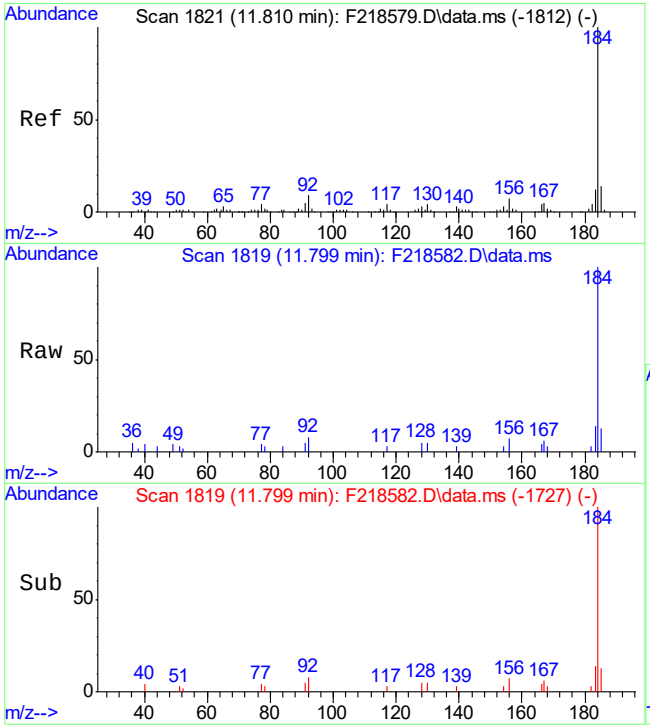


#82
Octadecane
Concen: 4.92 ppm
RT: 9.107 min Scan# 1315
Delta R.T. -0.005 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion: 57 Resp: 12485

Ion	Ratio	Lower	Upper
57	100		
43	71.1	42.0	102.0
71	78.0	43.7	103.7
85	47.7	20.3	80.3

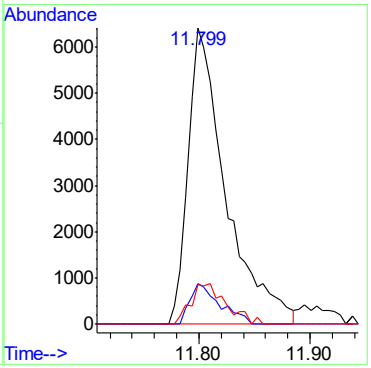


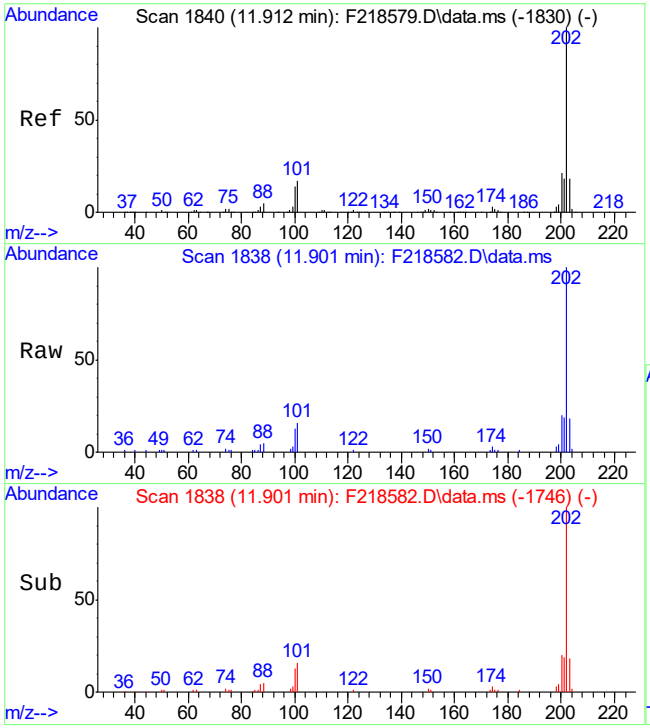


#84
Benzidine
Concen: 3.67 ppm
RT: 11.799 min Scan# 1819
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:184 Resp: 15057

Ion	Ratio	Lower	Upper
184	100		
183	14.1	0.0	61.9
185	13.5	0.0	63.7

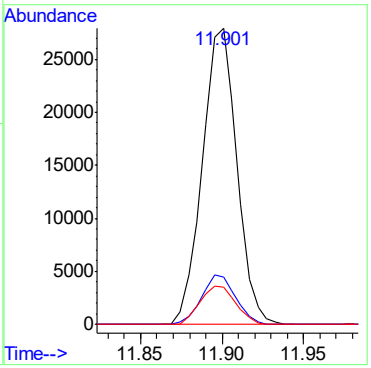


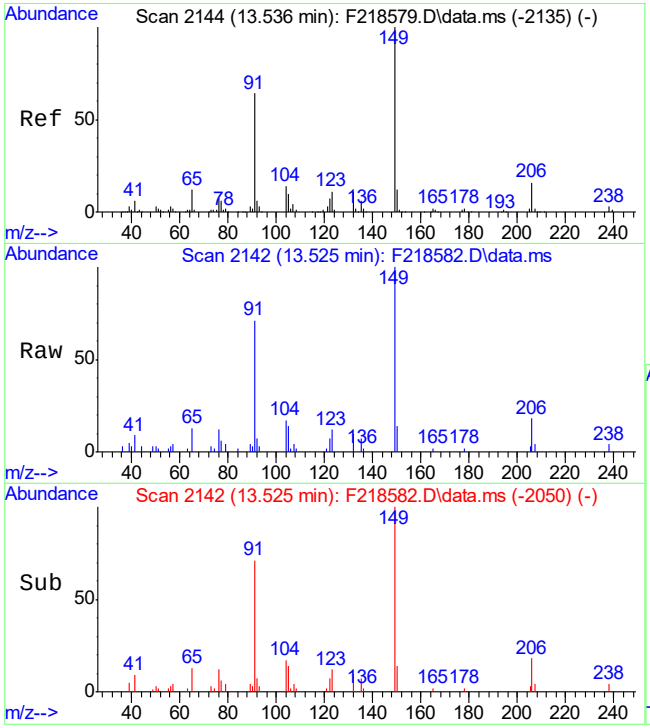


#85
Pyrene
Concen: 5.62 ppm
RT: 11.901 min Scan# 1838
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:202 Resp: 41176

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	46.8
100	12.5	0.0	44.1

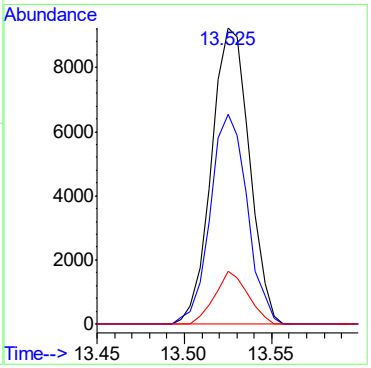


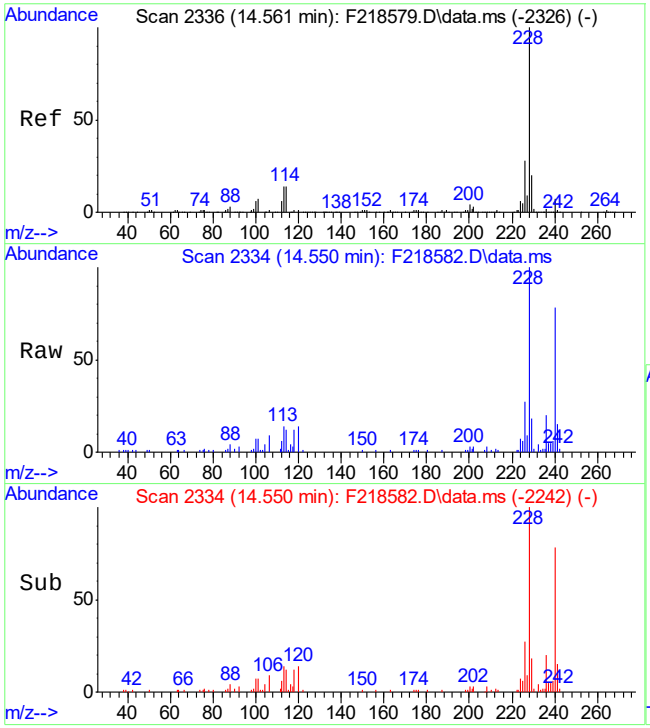


#87
Butylbenzylphthalate
Concen: 4.22 ppm
RT: 13.525 min Scan# 2142
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:149 Resp: 14034

Ion	Ratio	Lower	Upper
149	100		
91	70.7	34.1	94.1
206	18.0	0.0	46.0

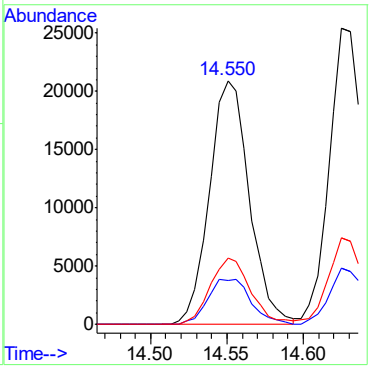


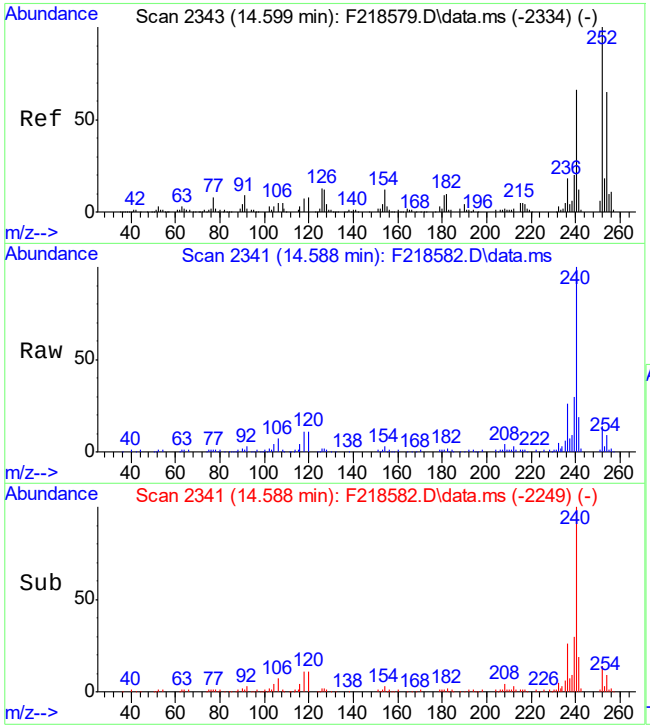


#88
Benzo[a]anthracene
Concen: 5.39 ppm
RT: 14.550 min Scan# 2334
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:228 Resp: 37976

Ion	Ratio	Lower	Upper
228	100		
229	18.2	0.0	50.4
226	26.8	0.0	57.6

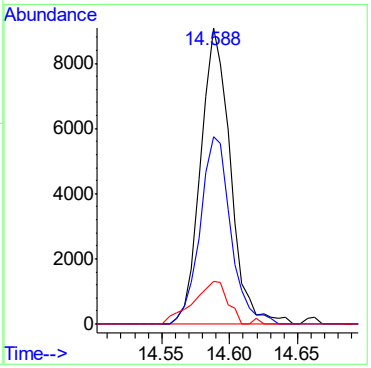


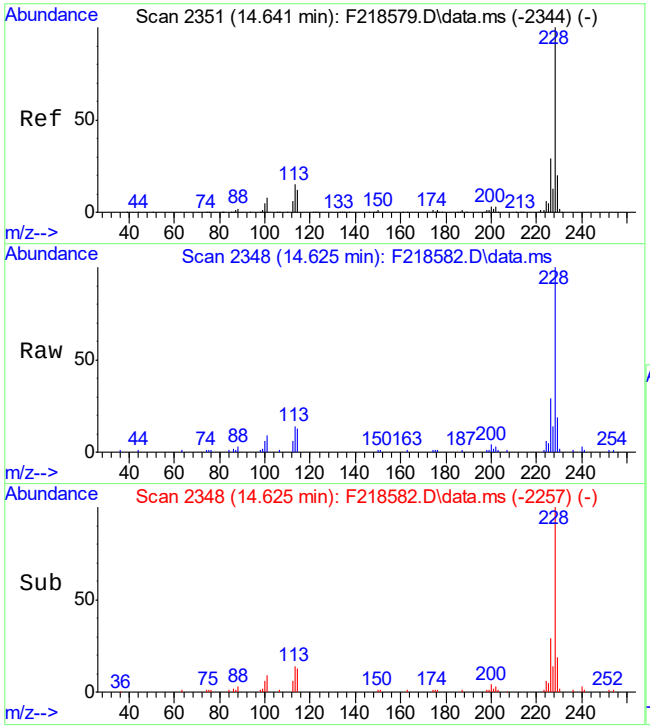


#89
3,3'-Dichlorobenzidine
Concen: 4.89 ppm
RT: 14.588 min Scan# 2341
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:252 Resp: 13843

Ion	Ratio	Lower	Upper
252	100		
254	63.4	34.6	94.6
126	14.6	0.0	43.3

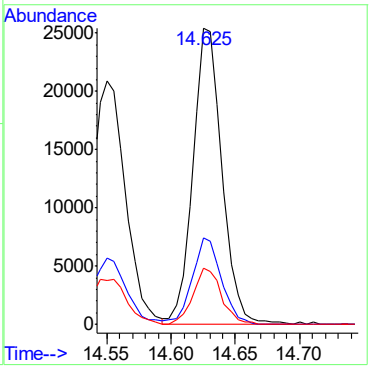


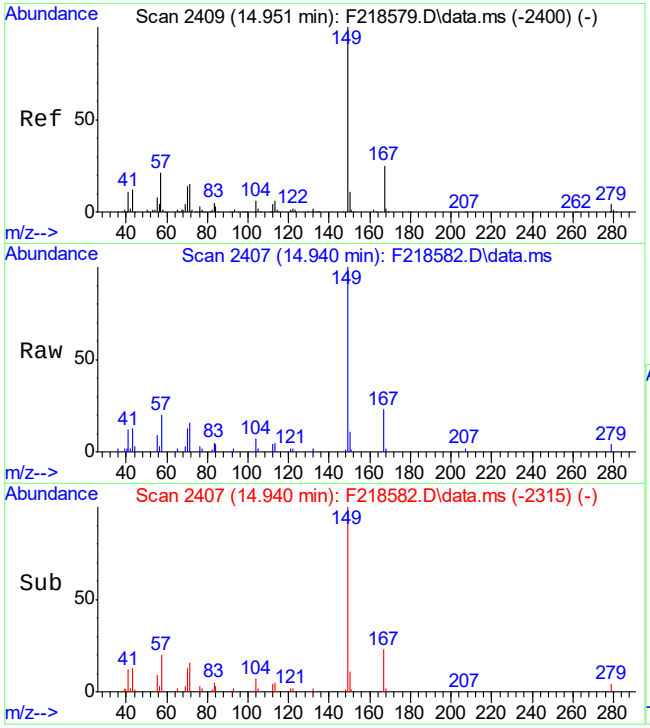


#90
Chrysene
Concen: 5.88 ppm
RT: 14.625 min Scan# 2348
Delta R.T. -0.016 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:228 Resp: 40266

Ion	Ratio	Lower	Upper
228	100		
226	28.9	0.0	58.8
229	19.3	0.0	49.7

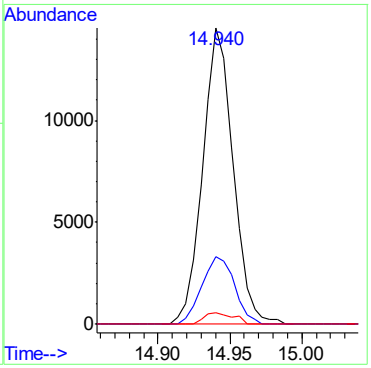


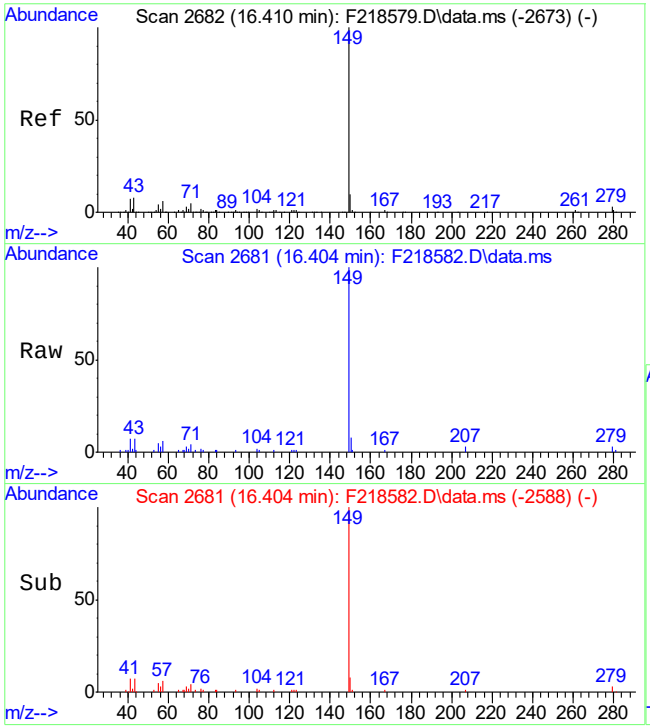


#91
bis(2-Ethylhexyl)phthalate
Concen: 4.20 ppm
RT: 14.940 min Scan# 2407
Delta R.T. -0.011 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:149 Resp: 21333

Ion	Ratio	Lower	Upper
149	100		
167	22.9	0.0	55.1
279	3.8	0.0	33.8

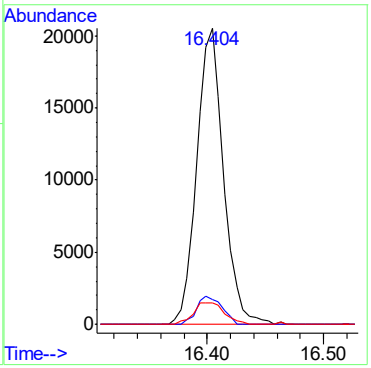


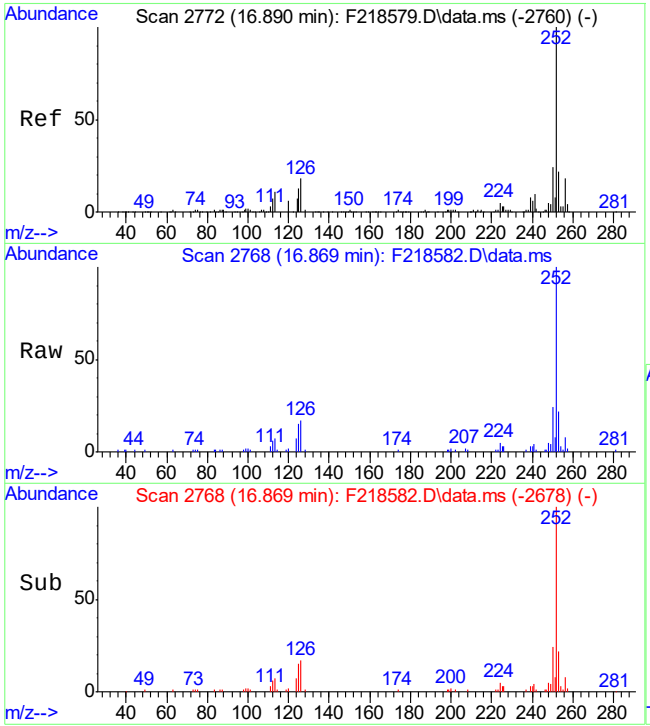


#93
Di-n-octylphthalate
Concen: 3.60 ppm
RT: 16.404 min Scan# 2681
Delta R.T. -0.006 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:149 Resp: 32745

Ion	Ratio	Lower	Upper
149	100		
150	8.2	0.0	39.5
43	7.2	0.0	37.6

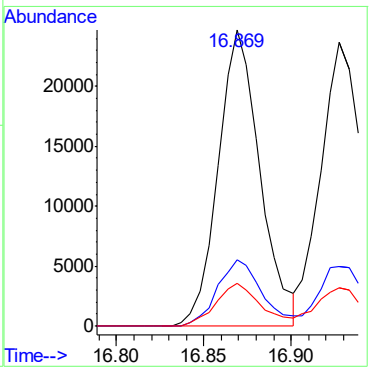


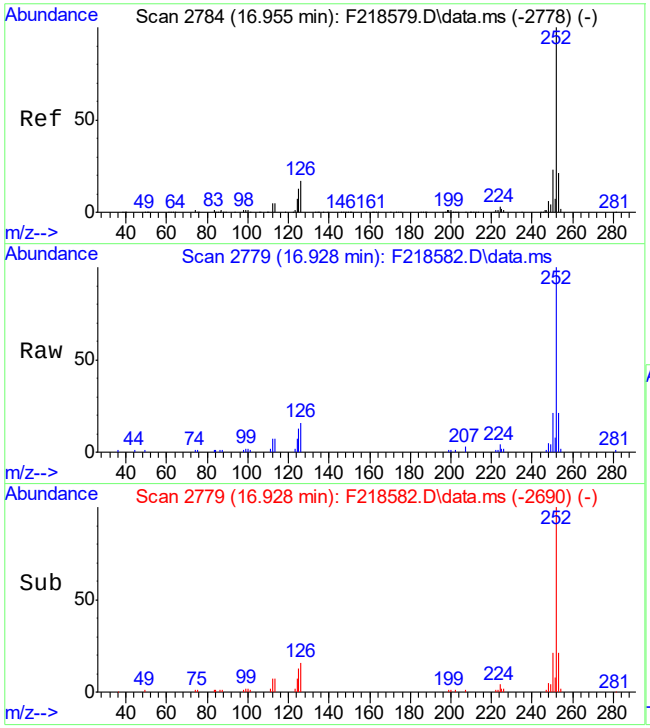


#94
Benzo[b]fluoranthene
Concen: 4.98 ppm
RT: 16.869 min Scan# 2768
Delta R.T. -0.022 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:252 Resp: 41076

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	51.6
125	14.0	0.0	43.1

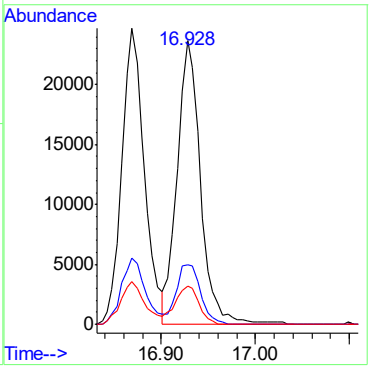


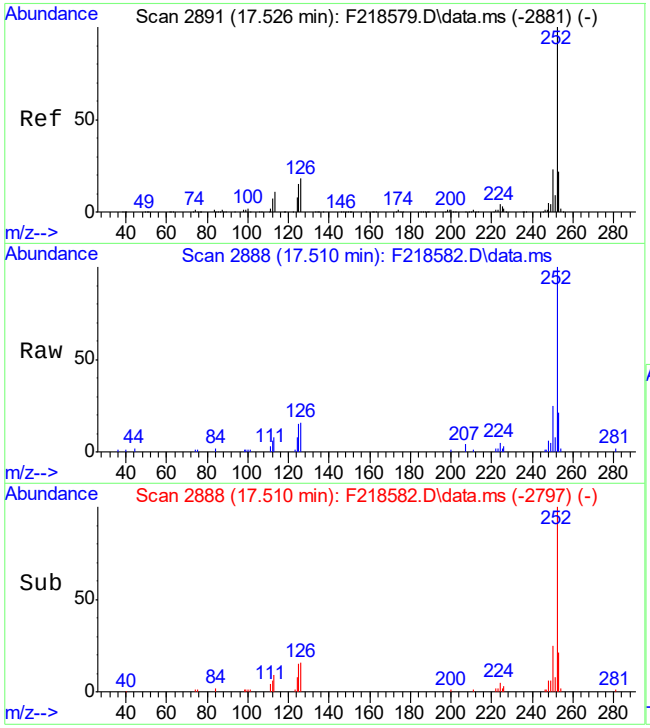


#95
Benzo[k]fluoranthene
Concen: 5.38 ppm
RT: 16.928 min Scan# 2779
Delta R.T. -0.027 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:252 Resp: 40754

Ion	Ratio	Lower	Upper
252	100		
253	20.5	0.0	51.4
125	12.8	0.0	43.5

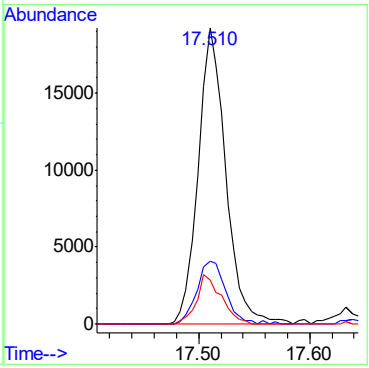


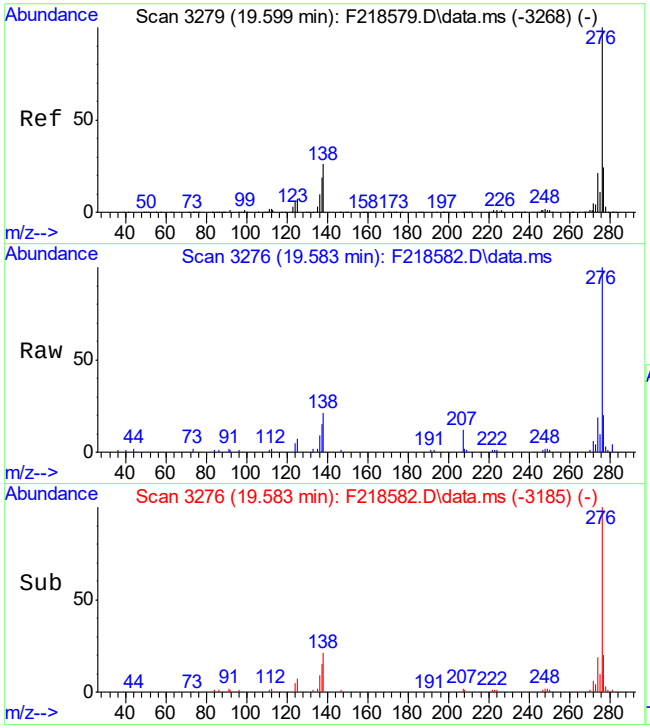


#96
Benzo[a]pyrene
Concen: 4.93 ppm
RT: 17.510 min Scan# 2888
Delta R.T. -0.016 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:252 Resp: 33000

Ion	Ratio	Lower	Upper
252	100		
253	21.3	0.0	51.8
125	14.9	0.0	45.1

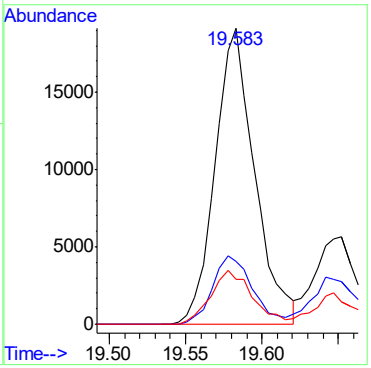


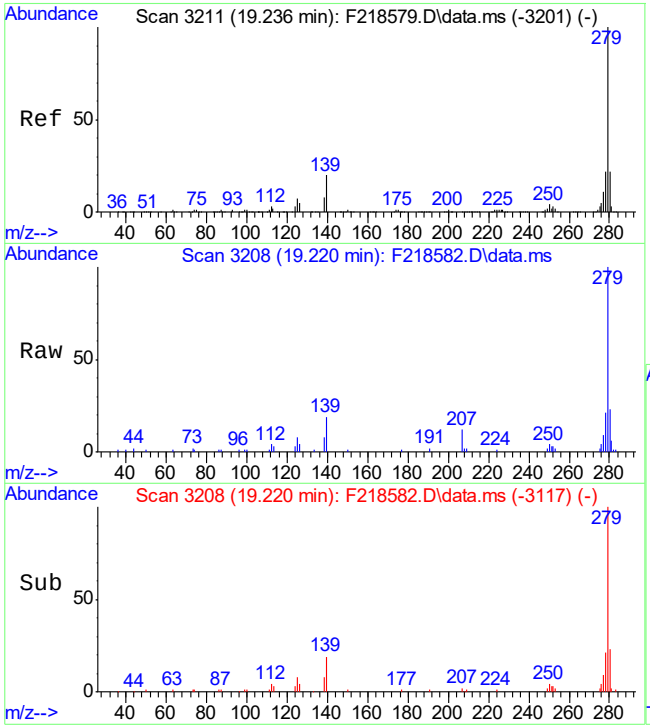


#97
Indeno[1,2,3-cd]pyrene
Concen: 4.90 ppm
RT: 19.583 min Scan# 3276
Delta R.T. -0.016 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:276 Resp: 34485

Ion	Ratio	Lower	Upper
276	100		
138	20.3	0.0	55.9
137	14.7	0.0	49.3

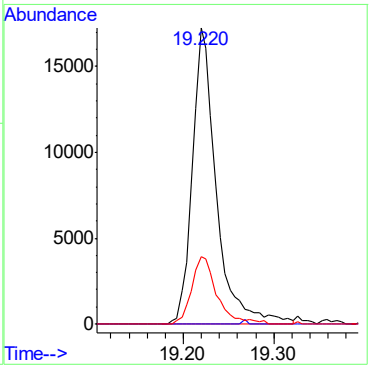


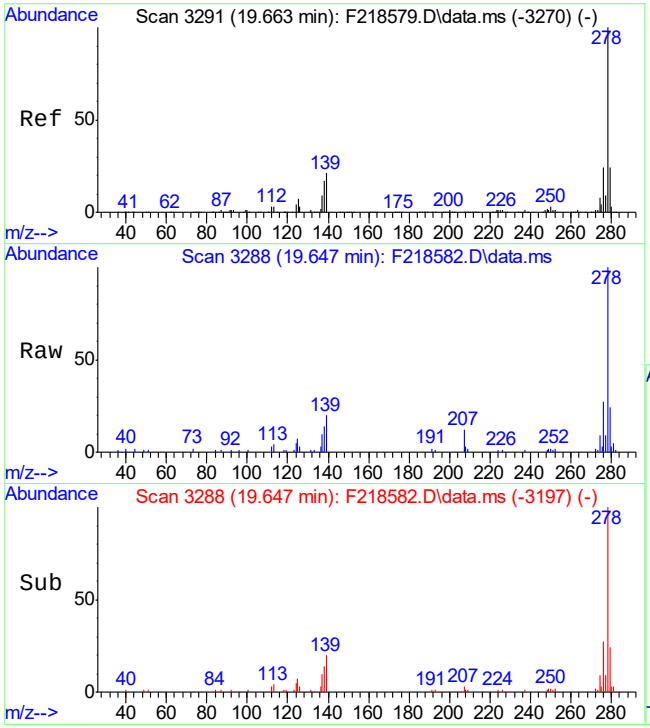


#98
Dibenz(a,h)acridine
Concen: 4.80 ppm
RT: 19.220 min Scan# 3208
Delta R.T. -0.016 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:279 Resp: 31668

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.9	0.0	52.5

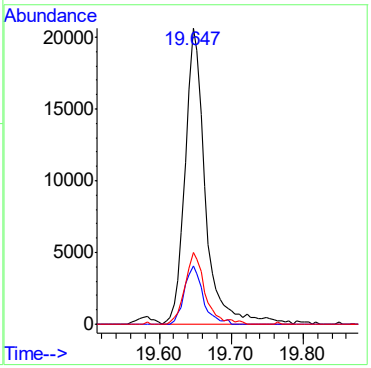


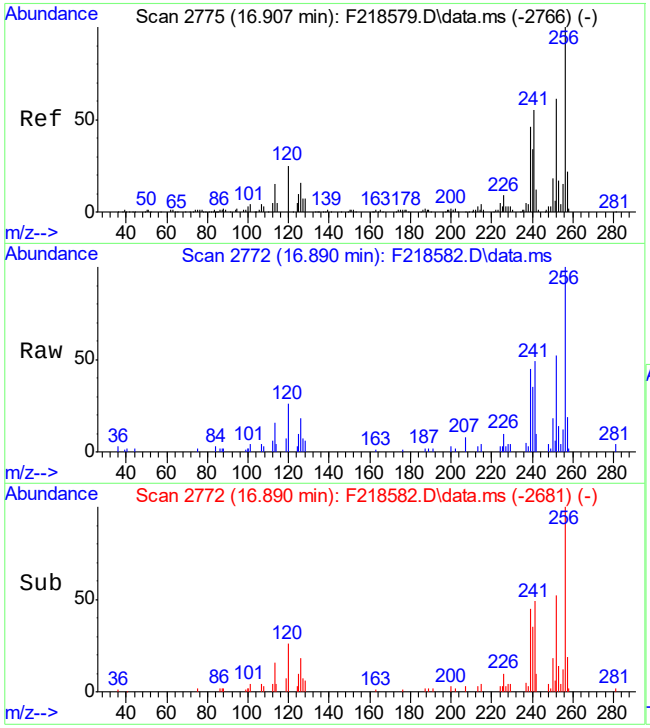


#99
Dibenz[a,h]anthracene
Concen: 4.97 ppm
RT: 19.647 min Scan# 3288
Delta R.T. -0.016 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:278 Resp: 40370

Ion	Ratio	Lower	Upper
278	100		
139	19.7	0.0	50.6
279	24.4	0.0	53.9

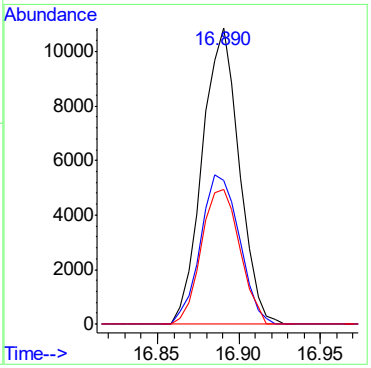


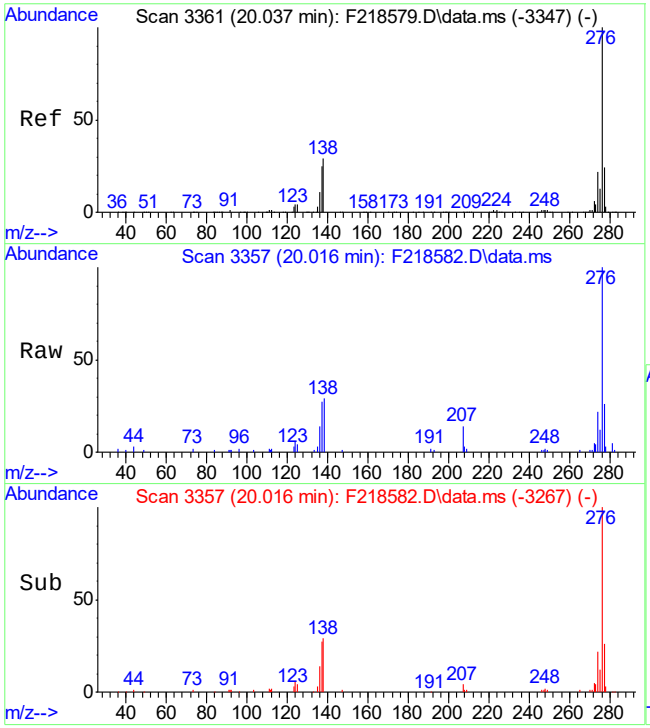


#100
7,12-Dimethylbenz(a)anthracene
Concen: 4.80 ppm
RT: 16.890 min Scan# 2772
Delta R.T. -0.016 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:256 Resp: 17097

Ion	Ratio	Lower	Upper
256	100		
241	48.6	24.8	84.8
239	45.5	16.4	76.4

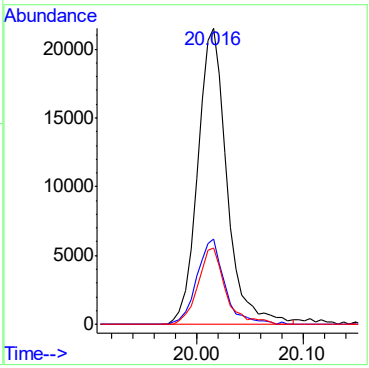




#101
Benzo[g,h,i]perylene
Concen: 5.16 ppm
RT: 20.016 min Scan# 3357
Delta R.T. -0.022 min
Lab File: F218582.D
Acq: 24 Jan 2024 1:02 pm

Tgt Ion:276 Resp: 41298

Ion	Ratio	Lower	Upper
276	100		
138	29.0	0.0	58.6
277	25.8	0.0	53.9



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218583.D
Acq On : 24 Jan 2024 1:28 pm
Operator : ninap
Sample : ic9690-10
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 10:09:16 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	68059	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	258904	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	139755	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	258264	40.00	ppm	0.00
83) Chrysene-d12	14.572	240	231075	40.00	ppm	-0.02
92) Perylene-d12	17.633	264	267364	40.00	ppm	-0.01
102) 1,4-Dichlorobenzene-d4A	4.865	152	68059	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	258904	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	139755	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	258264	40.00	ppm	0.00
147) Chrysene-d12A	14.572	240	231075	40.00	ppm	-0.02
154) Perylene-d12A	17.633	264	267364	40.00	ppm	-0.01
157) 1,4-Dichlorobenzene-d4b	4.865	152	68059	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	258264	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	258904	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	258904	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	68059	40.00	ppm	0.00
169) Chrysene-d12c	14.572	240	231075	40.00	ppm	-0.02
171) Chrysene-d12d	14.572	240	231075	40.00	ppm	-0.02
173) Naphthalene-d8d	5.757	136	258904	40.00	ppm	0.00
175) Chrysene-d12e	14.572	240	231075	40.00	ppm	-0.02
177) Perylene-d12b	17.633	264	267364	40.00	ppm	-0.01
179) Naphthalene-d8e	5.757	136	258904	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.957	112	19107	10.41	ppm	0.00
Spiked Amount 50.000			Recovery = 20.82%			
8) Phenol-d5	4.587	99	22096	10.18	ppm	0.00
Spiked Amount 50.000			Recovery = 20.36%			
25) Nitrobenzene-d5	5.250	82	19329	10.32	ppm	0.00
Spiked Amount 50.000			Recovery = 20.64%			
51) 2-Fluorobiphenyl	6.590	172	48814	11.06	ppm	0.00
Spiked Amount 50.000			Recovery = 22.12%			
73) 2,4,6-Tribromophenol	8.172	330	7638	9.88	ppm	-0.01
Spiked Amount 50.000			Recovery = 19.76%			
86) Terphenyl-d14	12.339	244	57714	10.65	ppm	-0.01
Spiked Amount 50.000			Recovery = 21.30%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.830	88	8552	11.20	ppm	96
3) Pyridine	3.075	79	20611	9.61	ppm	96
4) N-Nitrosodimethylamine	3.043	42	6994	10.70	ppm	92
6) Indene	5.047	116	35551	10.65	ppm	99
7) Cumene	4.320	105	44562	10.66	ppm	96
9) Phenol	4.598	94	25055	10.65	ppm	96
10) Aniline	4.635	93	29915	10.07	ppm	96
11) bis(2-Chloroethyl)ether	4.673	93	18719	10.58	ppm	90
12) 2-Chlorophenol	4.715	128	21873	10.73	ppm	95
13) Decane	4.742	43	18486	10.87	ppm	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218583.D
Acq On : 24 Jan 2024 1:28 pm
Operator : ninap
Sample : ic9690-10
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 10:09:16 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
14) 1,3-Dichlorobenzene	4.828	146	25688	10.92	ppm	98
15) 1,4-Dichlorobenzene	4.876	146	26160	10.82	ppm	95
16) Benzyl alcohol	4.950	108	13994	10.75	ppm	96
17) 1,2-Dichlorobenzene	4.982	146	25174	11.02	ppm	97
18) Acetophenone	5.143	105	29695	10.46	ppm	95
19) 2-Methylphenol	5.020	108	19043	10.63	ppm	99
20) 2,2'-oxybis(1-Chloropr...	5.047	121	5886	10.52	ppm	90
21) 3&4-Methylphenol	5.121	108	40267	21.36	ppm	96
22) n-Nitroso-di-n-propyla...	5.132	70	14122	10.41	ppm	97
23) Hexachloroethane	5.223	201	9044	11.27	ppm	92
26) Nitrobenzene	5.260	77	20616	10.61	ppm	94
27) Quinoline	6.019	129	41322	10.66	ppm	98
28) Isophorone	5.426	82	36803	10.56	ppm	97
29) 2-Nitrophenol	5.485	139	8469	9.00	ppm	80
30) 2,4-Dimethylphenol	5.501	107	20981	10.86	ppm	96
31) Benzoic acid	5.538	105	9638	7.03	ppm	90
32) bis(2-Chloroethoxy)met...	5.570	93	24095	10.70	ppm	99
33) 2,4-Dichlorophenol	5.645	162	17613	10.59	ppm	98
34) 2,6-Dichlorophenol	5.811	162	18248	10.88	ppm	96
35) 1,3,5-Trichlorobenzene	5.490	180	21865	11.10	ppm	97
36) 1,2,4-Trichlorobenzene	5.714	180	20695	10.95	ppm	98
37) 1,2,3-Trichlorobenzene	5.869	180	20691	11.19	ppm	99
38) Naphthalene	5.773	128	67164	11.07	ppm	98
39) 4-Chloroaniline	5.805	127	26805	10.33	ppm	96
40) 2,3-Dichloroaniline	6.516	161	21799	11.04	ppm	95
42) Hexachlorobutadiene	5.853	225	11834	11.25	ppm	97
43) 4-Chloro-3-methylphenol	6.147	107	16380	10.72	ppm	92
44) 2-Methylnaphthalene	6.286	141	39679	11.46	ppm	97
45) 1-Methylnaphthalene	6.366	142	39738	10.87	ppm	98
47) Hexachlorocyclopentadiene	6.409	237	14900	16.83	ppm	94
48) 1,2,4,5-tetrachloroben...	6.420	216	20547	11.06	ppm	100
49) 2,4,6-Trichlorophenol	6.510	196	11950	10.29	ppm	97
50) 2,4,5-Trichlorophenol	6.537	196	13363	10.38	ppm	97
52) 2-Chloronaphthalene	6.697	162	41621	11.03	ppm	100
53) Biphenyl	6.676	154	54204	11.22	ppm	98
54) 2-Nitroaniline	6.788	65	8164	9.35	ppm	86
55) Dimethylphthalate	6.959	163	45943	11.21	ppm	97
56) Acenaphthylene	7.093	152	51525	11.38	ppm	99
57) 2,6-Dinitrotoluene	7.018	165	7304	8.94	ppm	98
58) 3-Nitroaniline	7.189	138	9409	9.41	ppm	98
59) Acenaphthene	7.274	153	44679	10.83	ppm	98
60) 2,4-Dinitrophenol	7.296	184	5507	14.50	ppm	83
61) 4-Nitrophenol	7.344	109	3886	8.16	ppm	96
62) Dibenzofuran	7.461	168	57502	10.86	ppm	99
63) 2,4-Dinitrotoluene	7.440	165	9919	9.10	ppm	86
64) 2,3,4,6-Tetrachlorophenol	7.590	232	10287	10.11	ppm	95
65) Diethylphthalate	7.728	149	45105	10.82	ppm	99
66) Fluorene	7.867	166	45656	10.86	ppm	96
67) 4-Chlorophenyl-phenyle...	7.867	204	21804	11.22	ppm	99
68) 4-Nitroaniline	7.883	138	10124	9.54	ppm	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218583.D
Acq On : 24 Jan 2024 1:28 pm
Operator : ninap
Sample : ic9690-10
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 10:09:16 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

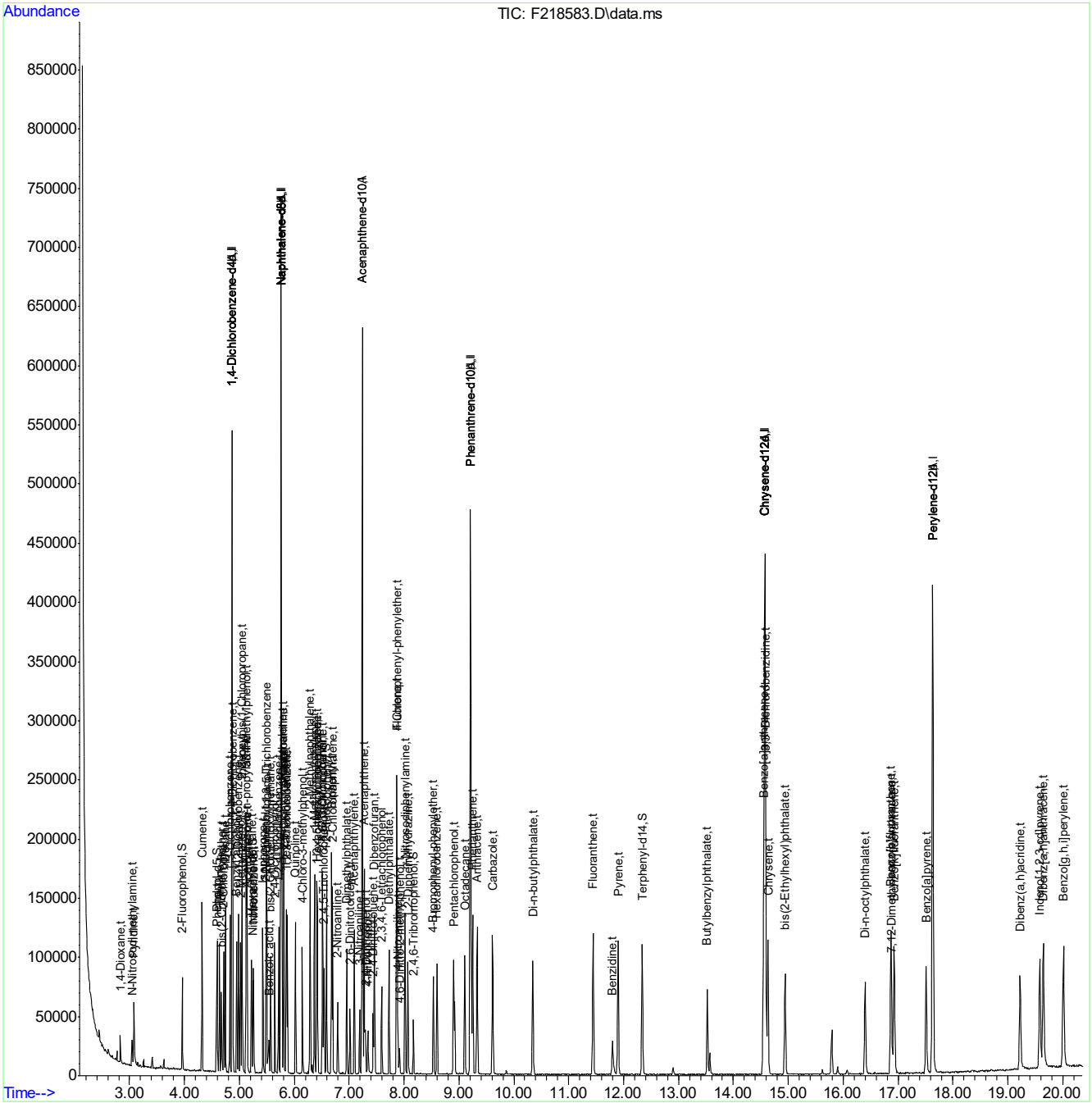
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70)	4,6-Dinitro-2-methylph...	7.921	198	3585	7.50	ppm	94
71)	n-Nitrosodiphenylamine	8.017	169	38200	10.78	ppm	99
72)	1,2-Diphenylhydrazine	8.070	77	42008	10.50	ppm	98
74)	4-Bromophenyl-phenylether	8.530	248	13097	10.66	ppm	95
75)	Hexachlorobenzene	8.599	284	16615	10.92	ppm	99
76)	Pentachlorophenol	8.904	266	15375	17.08	ppm	97
77)	Phenanthrene	9.251	178	68521	10.96	ppm	98
78)	Anthracene	9.331	178	65274	10.43	ppm	100
79)	Carbazole	9.614	167	62547	10.82	ppm	99
80)	Di-n-butylphthalate	10.346	149	75146	10.05	ppm	100
81)	Fluoranthene	11.447	202	71910	10.65	ppm	99
82)	Octadecane	9.107	57	22164	9.88	ppm	98
84)	Benzidine	11.799	184	23592	6.21	ppm	96
85)	Pyrene	11.901	202	75771	11.16	ppm	98
87)	Butylbenzylphthalate	13.525	149	28368	9.20	ppm	97
88)	Benzo[a]anthracene	14.556	228	69957	10.72	ppm	98
89)	3,3'-Dichlorobenzidine	14.588	252	26606	10.15	ppm	95
90)	Chrysene	14.631	228	69025	10.87	ppm	98
91)	bis(2-Ethylhexyl)phtha...	14.940	149	43948	9.35	ppm	98
93)	Di-n-octylphthalate	16.404	149	70066	8.42	ppm	100
94)	Benzo[b]fluoranthene	16.869	252	74299	9.85	ppm	98
95)	Benzo[k]fluoranthene	16.928	252	74414	10.76	ppm	97
96)	Benzo[a]pyrene	17.515	252	60727	9.93	ppm	99
97)	Indeno[1,2,3-cd]pyrene	19.583	276	63183	9.84	ppm	96
98)	Dibenz(a,h)acridine	19.225	279	57694	9.58	ppm	96
99)	Dibenz[a,h]anthracene	19.652	278	70741	9.53	ppm	100
100)	7,12-Dimethylbenz(a)an...	16.885	256	8602	2.64	ppm	97
101)	Benzo[g,h,i]perylene	20.016	276	73977	10.12	ppm	97

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

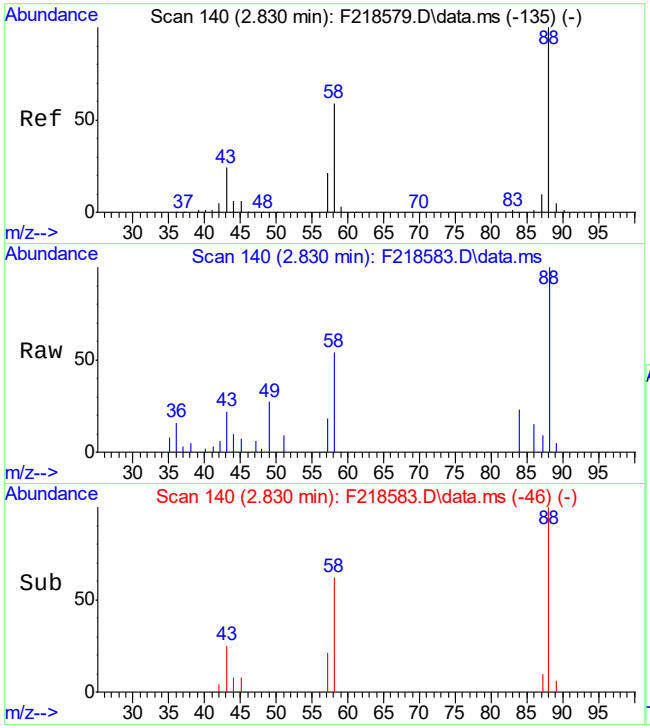
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218583.D
Acq On : 24 Jan 2024 1:28 pm
Operator : ninap
Sample : ic9690-10
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 10:09:16 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration



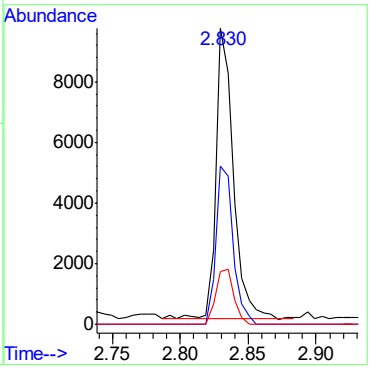
MF9690.M Thu Jan 25 14:54:04 2024 RT1 Page: 4

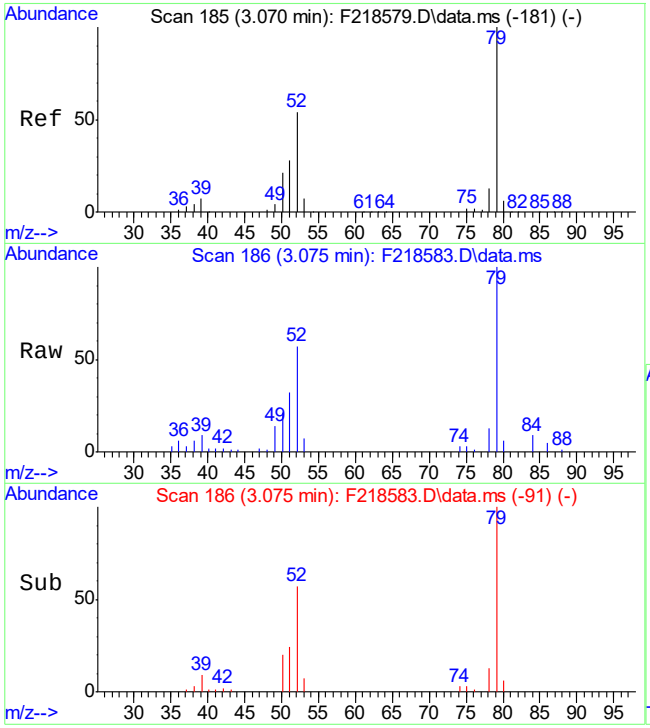


#2
1,4-Dioxane
Concen: 11.20 ppm
RT: 2.830 min Scan# 140
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 88 Resp: 8552

Ion	Ratio	Lower	Upper
88	100		
58	54.7	27.0	87.0
57	18.0	0.0	50.2

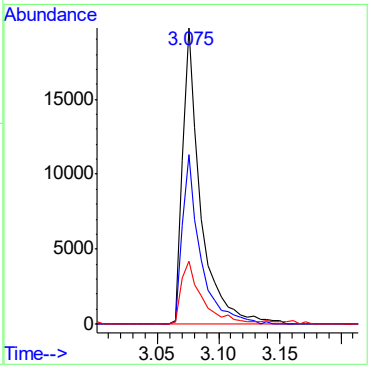


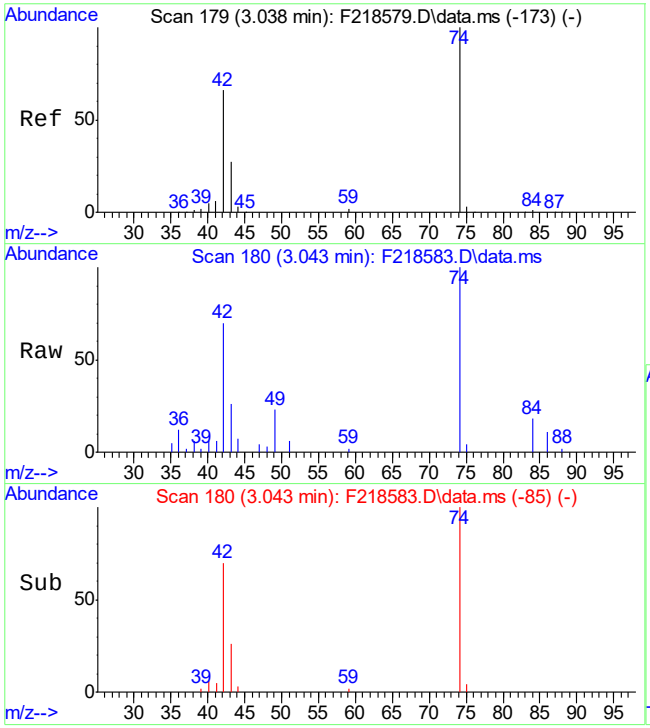


#3
Pyridine
Concen: 9.61 ppm
RT: 3.075 min Scan# 186
Delta R.T. 0.005 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 79 Resp: 20611

Ion	Ratio	Lower	Upper
79	100		
52	57.4	23.7	83.7
50	20.8	0.0	51.1

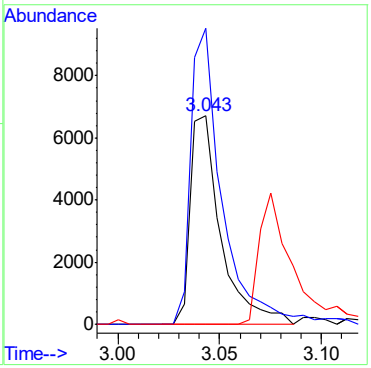


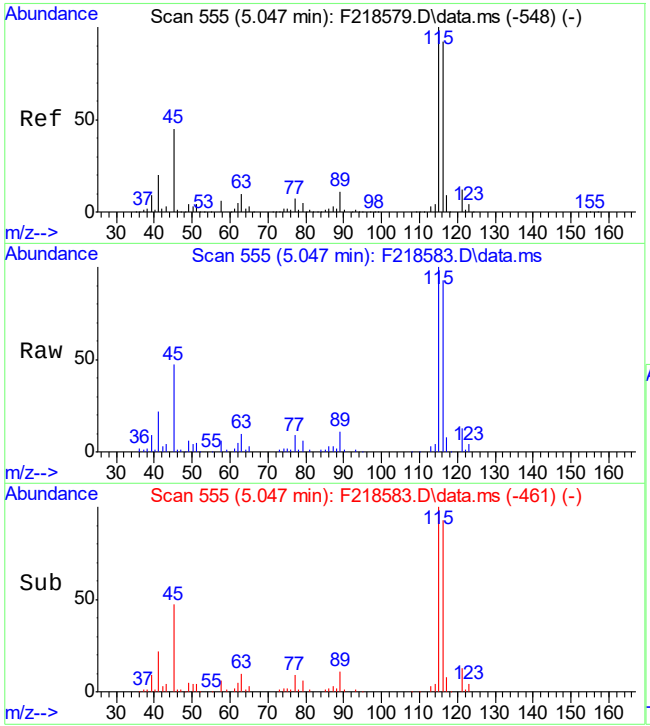


#4
N-Nitrosodimethylamine
Concen: 10.70 ppm
RT: 3.043 min Scan# 180
Delta R.T. 0.005 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 42 Resp: 6994

Ion	Ratio	Lower	Upper
42	100		
74	140.1	120.8	180.8
50	0.0	0.0	30.0

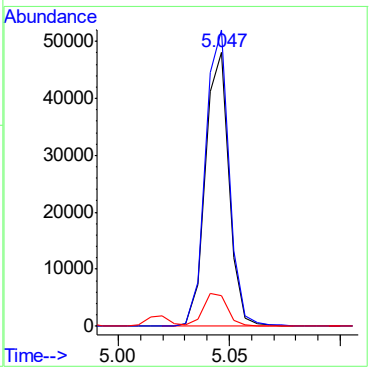


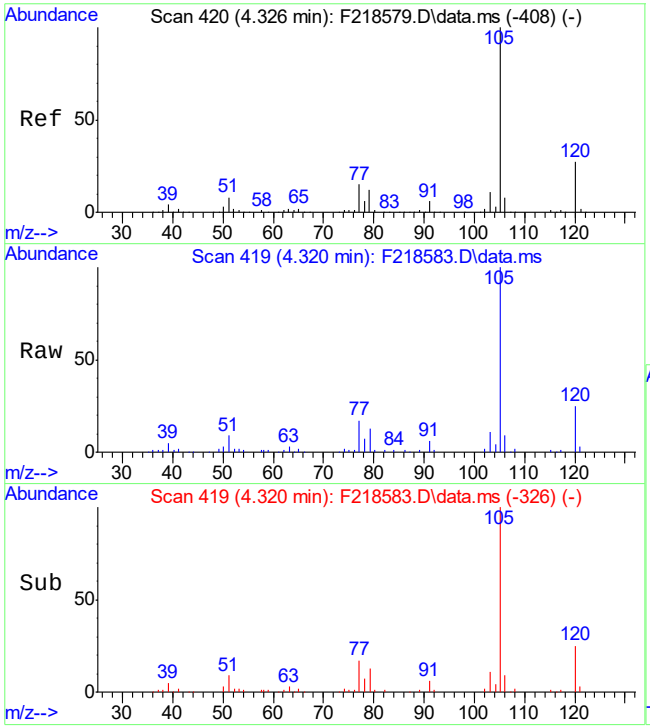


#6
Indene
Concen: 10.65 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:116 Resp: 35551

Ion	Ratio	Lower	Upper
116	100		
115	108.1	79.0	139.0
63	9.3	0.0	41.0

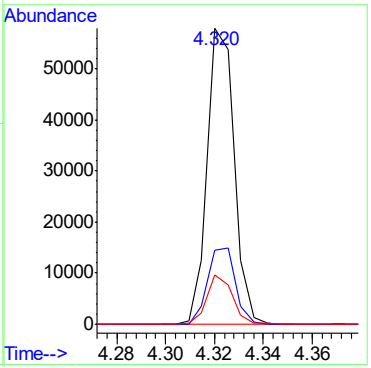


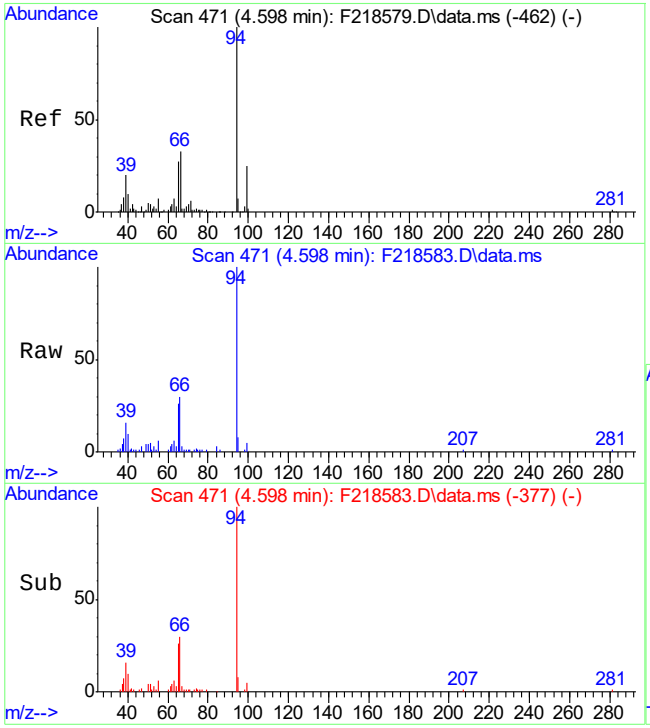


#7
Cumene
Concen: 10.66 ppm
RT: 4.320 min Scan# 419
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:105 Resp: 44562

Ion	Ratio	Lower	Upper
105	100		
120	25.0	0.0	56.8
77	16.9	0.0	44.8

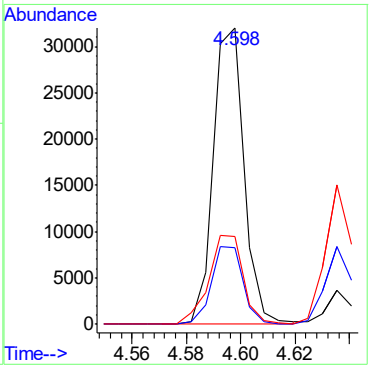


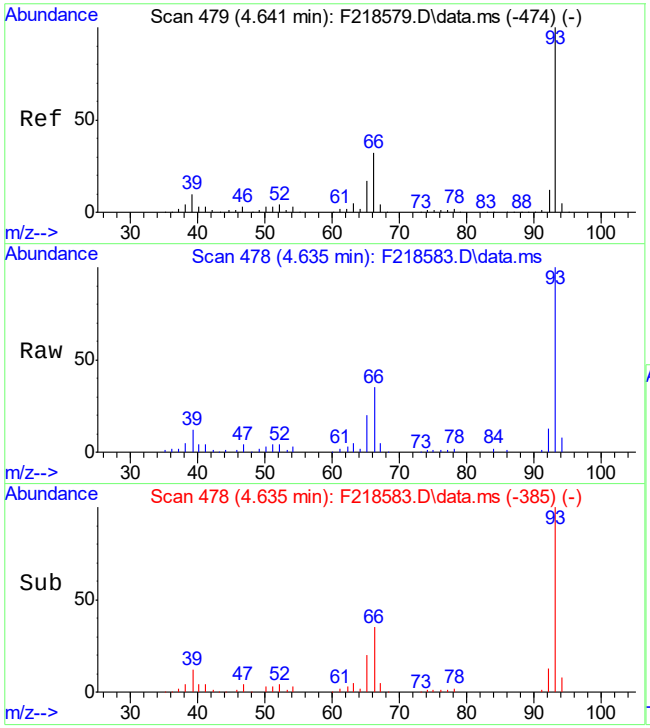


#9
Phenol
Concen: 10.65 ppm
RT: 4.598 min Scan# 471
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 94 Resp: 25055

Ion	Ratio	Lower	Upper
94	100		
65	25.8	0.0	56.8
66	29.7	2.6	62.6

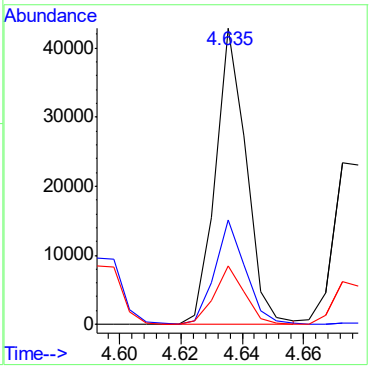


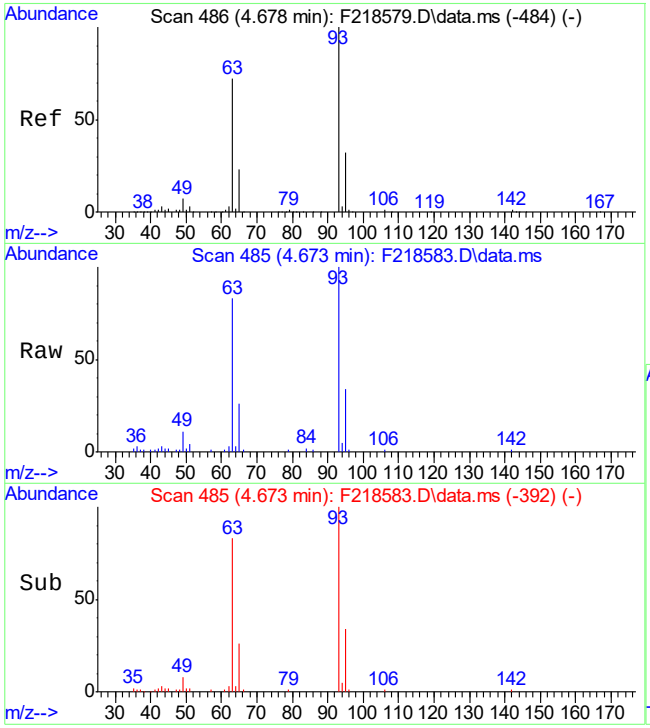


#10
Aniline
Concen: 10.07 ppm
RT: 4.635 min Scan# 478
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 93 Resp: 29915

Ion	Ratio	Lower	Upper
93	100		
66	34.9	2.7	62.7
65	19.7	0.0	47.4

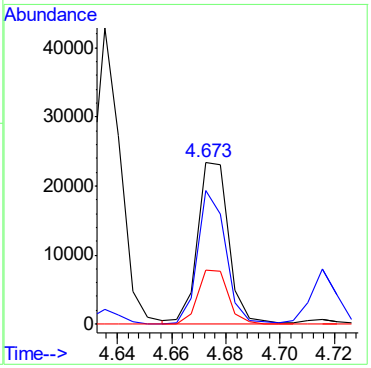


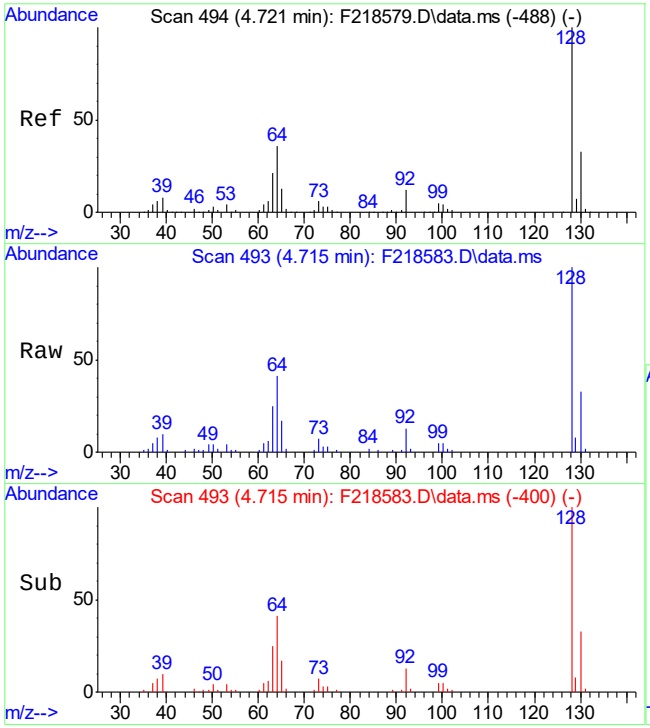


#11
bis(2-Chloroethyl)ether
Concen: 10.58 ppm
RT: 4.673 min Scan# 485
Delta R.T. -0.005 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 93 Resp: 18719

Ion	Ratio	Lower	Upper
93	100		
63	82.9	42.2	102.2
95	34.2	2.1	62.1

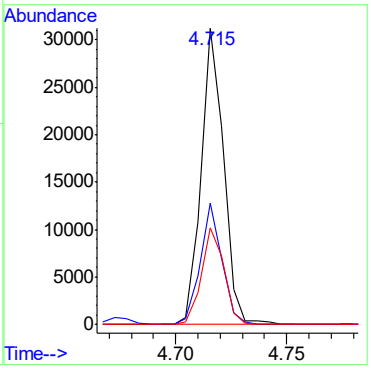


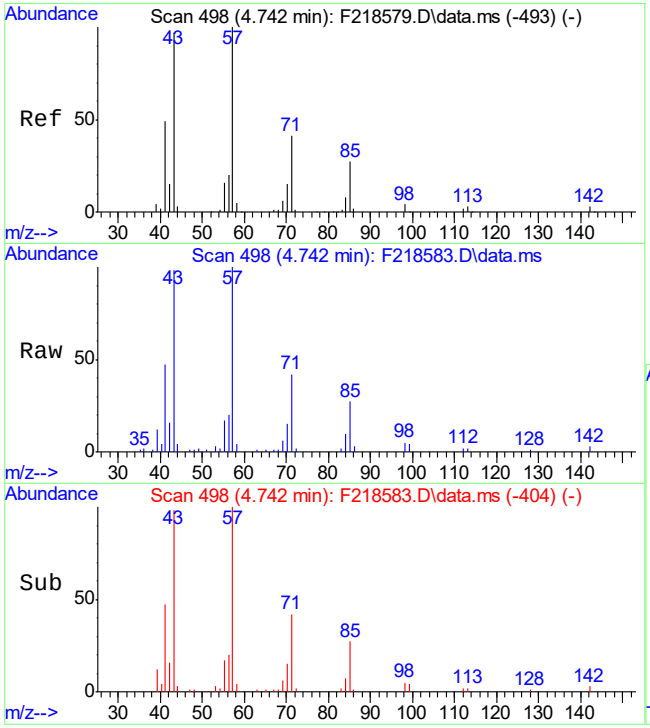


#12
2-Chlorophenol
Concen: 10.73 ppm
RT: 4.715 min Scan# 493
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:128 Resp: 21873

Ion	Ratio	Lower	Upper
128	100		
64	41.0	5.8	65.8
130	32.6	3.0	63.0

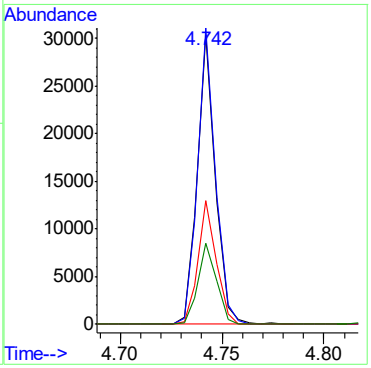


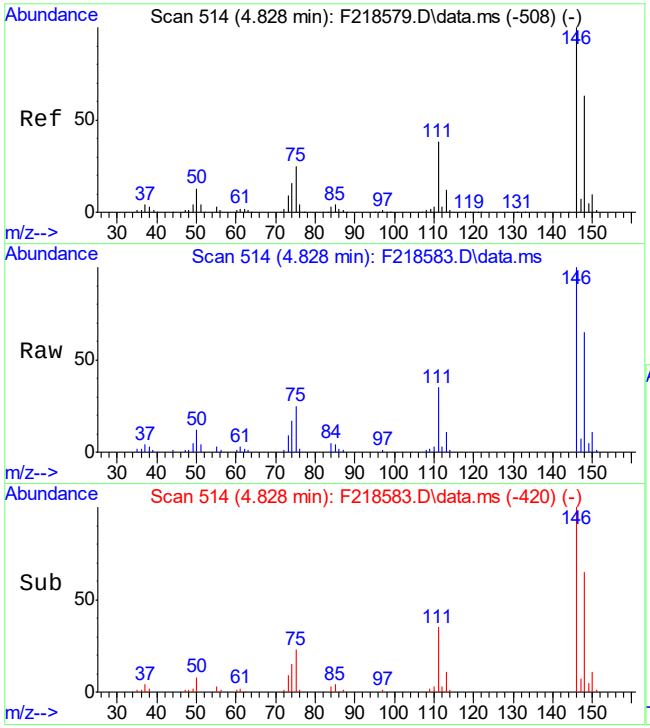


#13
Decane
Concen: 10.87 ppm
RT: 4.742 min Scan# 498
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 43 Resp: 18486

Ion	Ratio	Lower	Upper
43	100		
57	102.3	73.2	133.2
71	42.8	13.0	73.0
85	27.9	0.0	58.3

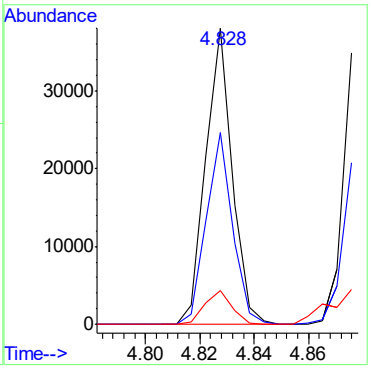


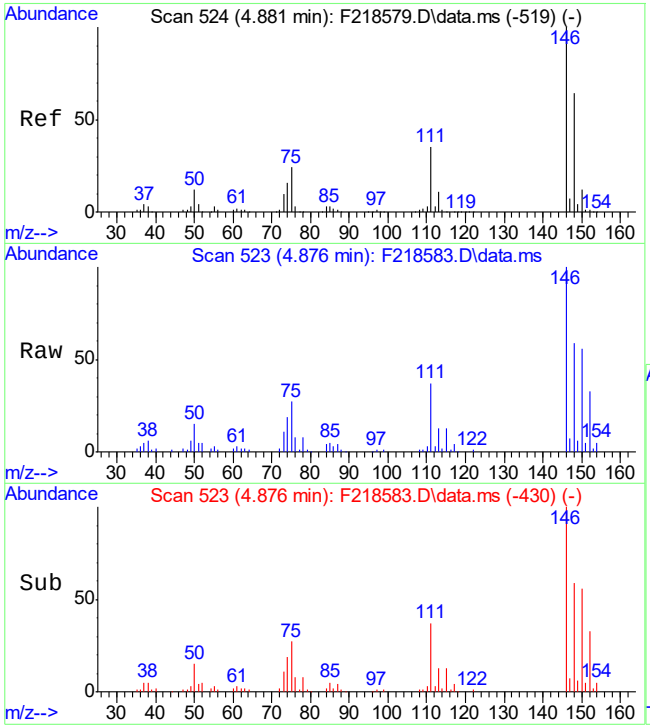


#14
1,3-Dichlorobenzene
Concen: 10.92 ppm
RT: 4.828 min Scan# 514
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:146 Resp: 25688

Ion	Ratio	Lower	Upper
146	100		
148	64.7	32.8	92.8
113	11.4	0.0	41.9

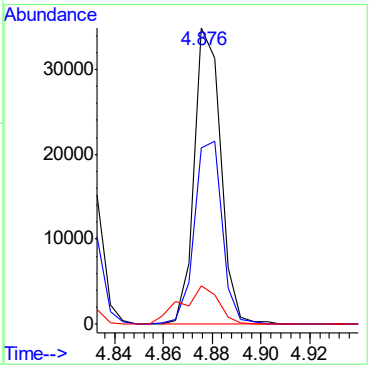


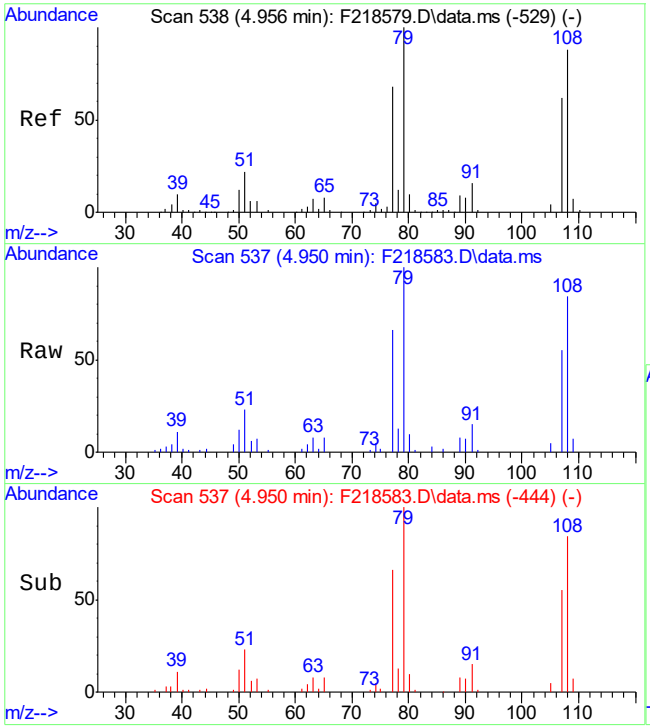


#15
1,4-Dichlorobenzene
Concen: 10.82 ppm
RT: 4.876 min Scan# 523
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:146 Resp: 26160

Ion	Ratio	Lower	Upper
146	100		
148	59.0	33.9	93.9
113	11.6	0.0	41.3

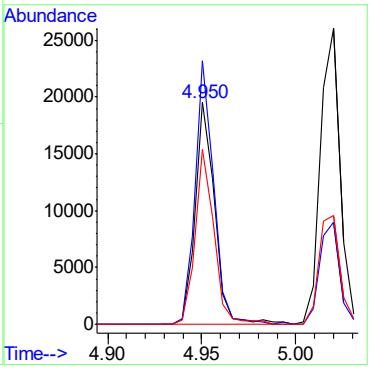


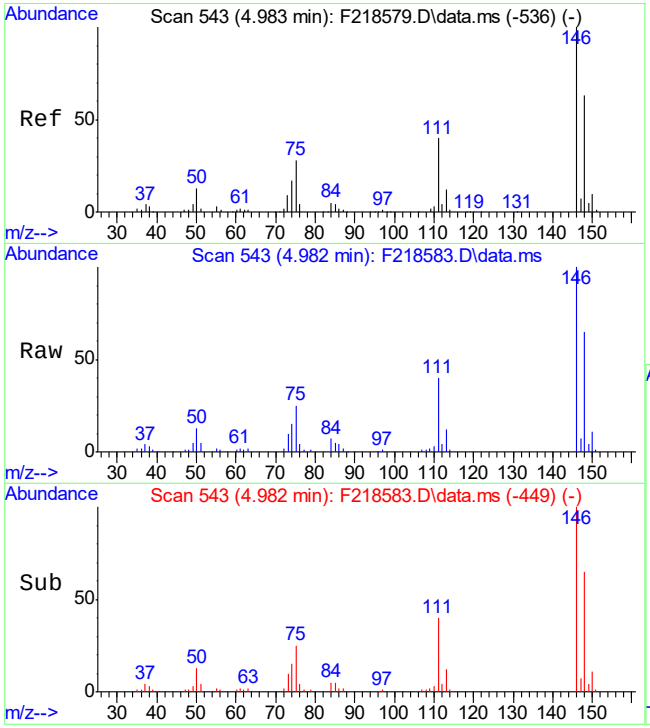


#16
Benzyl alcohol
Concen: 10.75 ppm
RT: 4.950 min Scan# 537
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:108 Resp: 13994

Ion	Ratio	Lower	Upper
108	100		
79	119.0	83.1	143.1
77	78.9	46.9	106.9

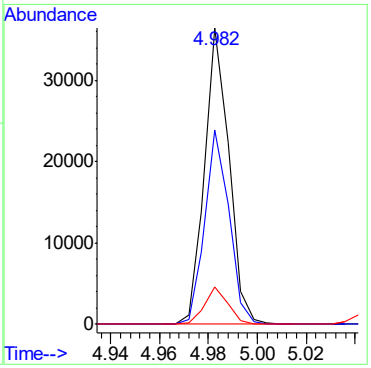


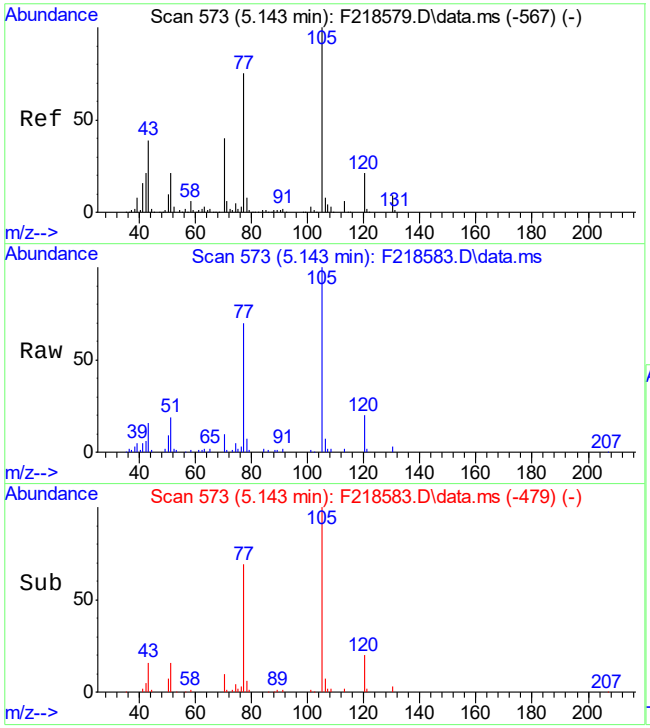


#17
1,2-Dichlorobenzene
Concen: 11.02 ppm
RT: 4.982 min Scan# 543
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:146 Resp: 25174

Ion	Ratio	Lower	Upper
146	100		
148	65.5	32.7	92.7
113	12.5	0.0	42.4

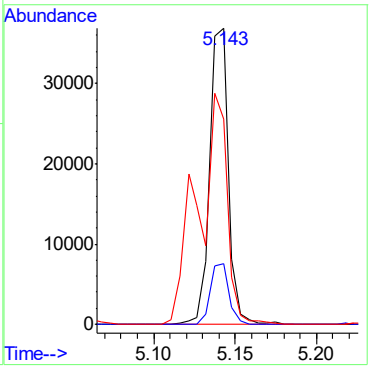


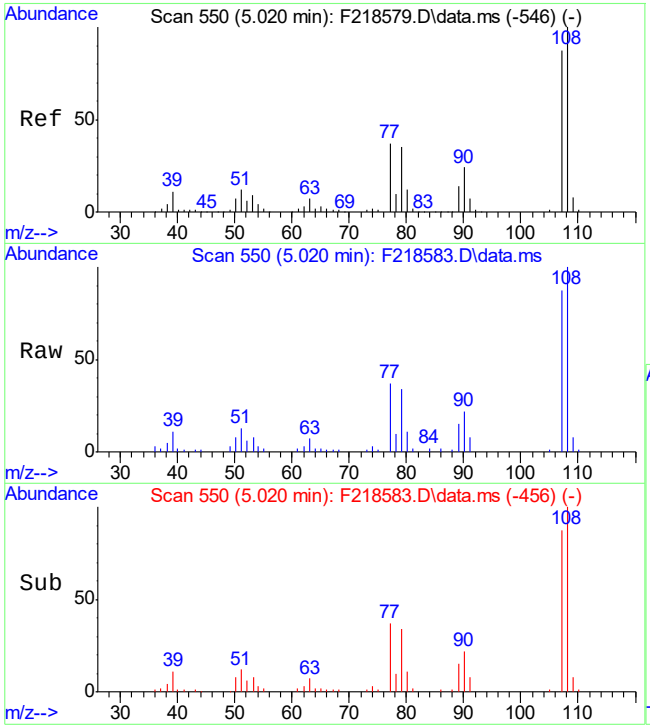


#18
Acetophenone
Concen: 10.46 ppm
RT: 5.143 min Scan# 573
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:105 Resp: 29695

Ion	Ratio	Lower	Upper
105	100		
120	20.4	0.0	50.5
77	69.5	45.3	105.3

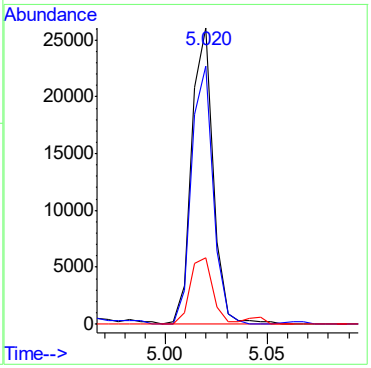


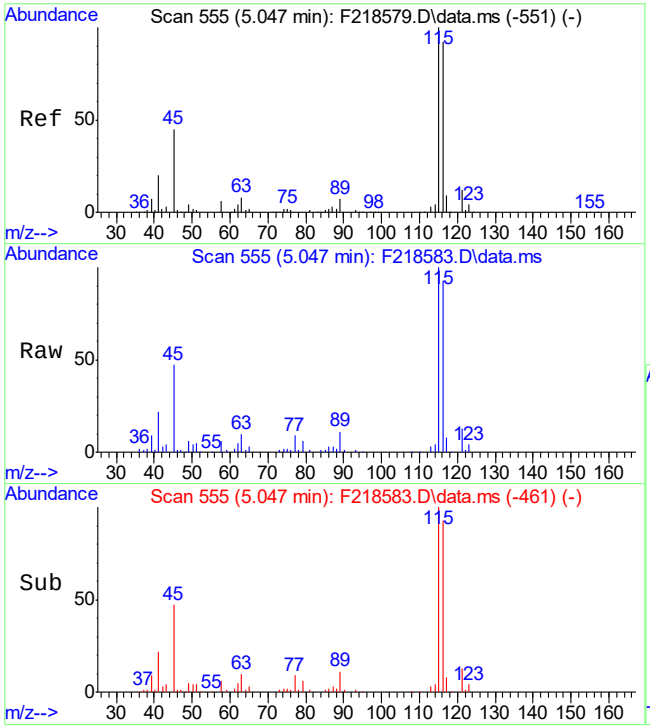


#19
2-Methylphenol
Concen: 10.63 ppm
RT: 5.020 min Scan# 550
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:108 Resp: 19043

Ion	Ratio	Lower	Upper
108	100		
107	86.5	57.0	117.0
90	22.2	0.0	53.5

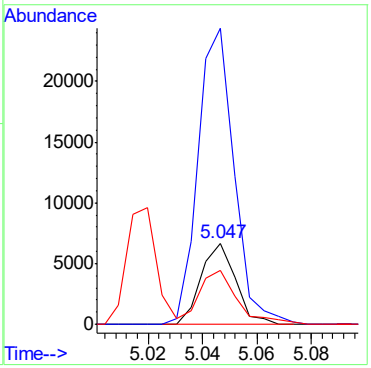


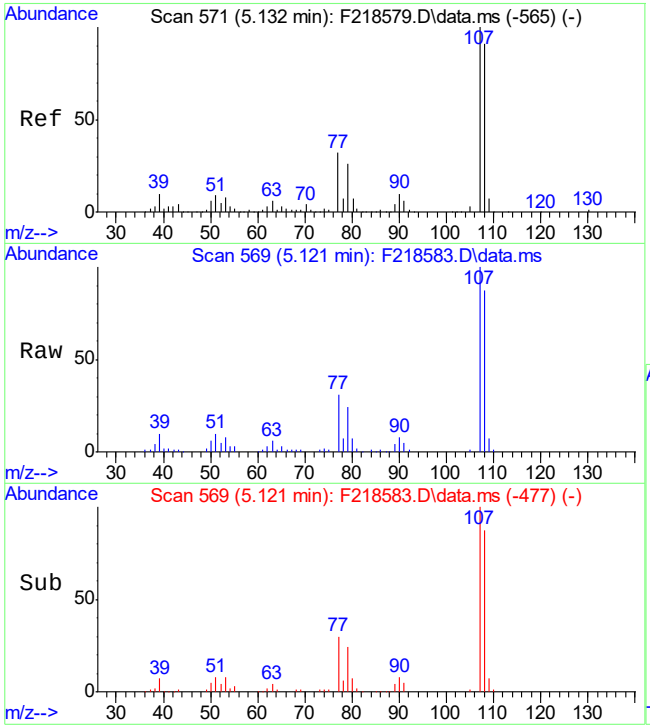


#20
2,2'-oxybis(1-Chloropropane
Concen: 10.52 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:121 Resp: 5886

Ion	Ratio	Lower	Upper
121	100		
45	364.0	351.9	411.9
77	47.8	36.1	96.1

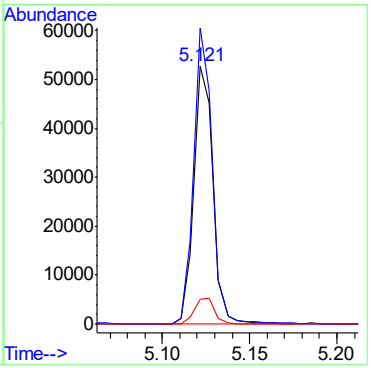


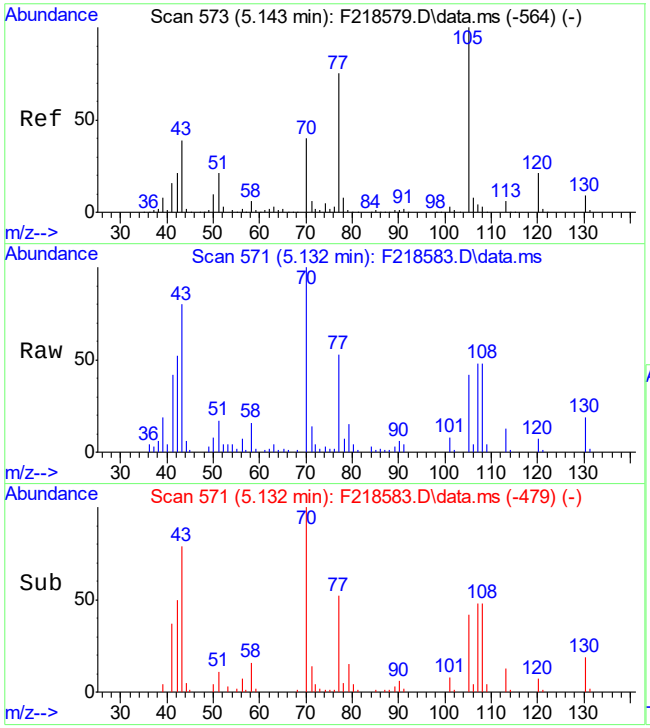


#21
3&4-Methylphenol
Concen: 21.36 ppm
RT: 5.121 min Scan# 569
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:108 Resp: 40267

Ion	Ratio	Lower	Upper
108	100		
107	114.4	79.6	139.6
90	9.6	0.0	40.5

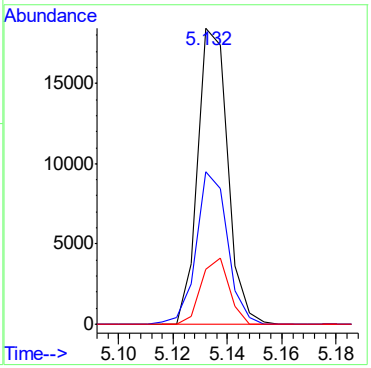


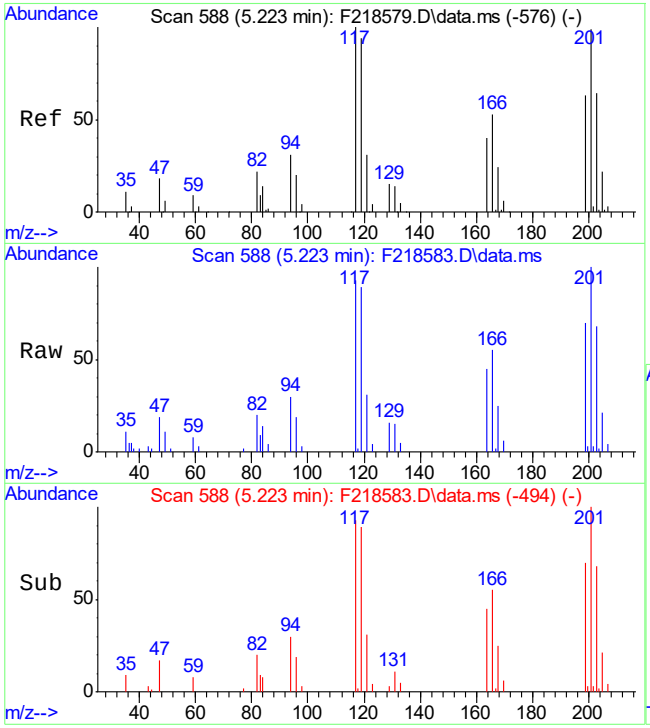


#22
n-Nitroso-di-n-propylamine
Concen: 10.41 ppm
RT: 5.132 min Scan# 571
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 70 Resp: 14122

Ion	Ratio	Lower	Upper
70	100		
42	51.1	36.3	67.3
130	18.5	15.6	29.0

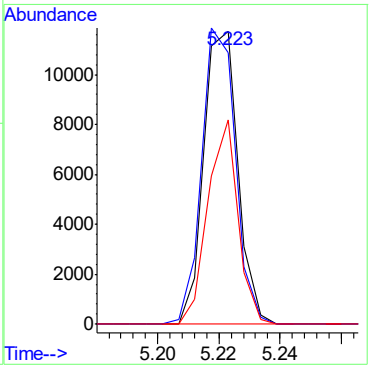


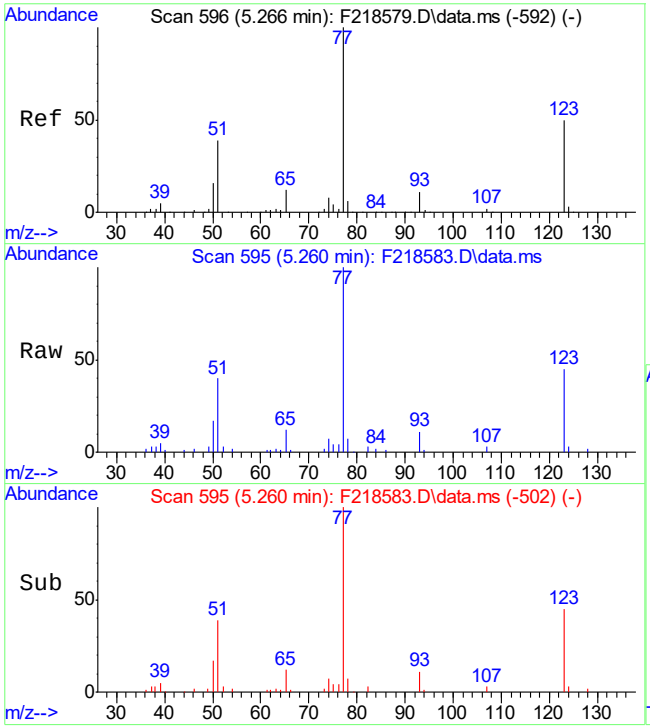


#23
Hexachloroethane
Concen: 11.27 ppm
RT: 5.223 min Scan# 588
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:201 Resp: 9044

Ion	Ratio	Lower	Upper
201	100		
117	92.7	70.8	130.8
199	69.6	33.7	93.7

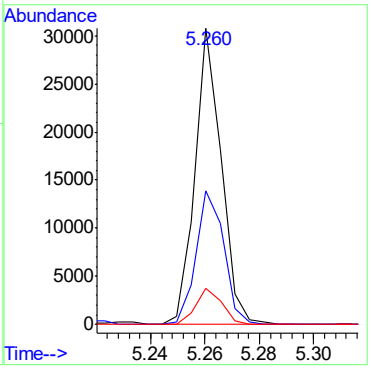


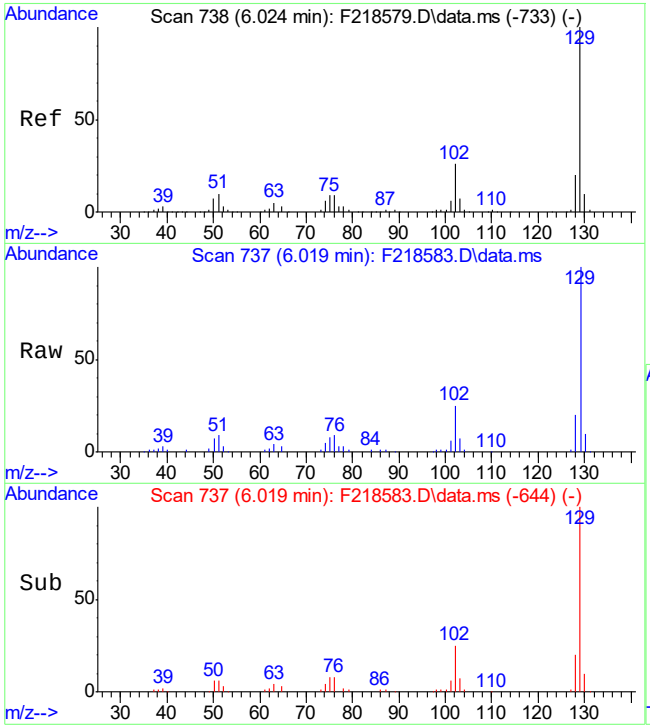


#26
Nitrobenzene
Concen: 10.61 ppm
RT: 5.260 min Scan# 595
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 77 Resp: 20616

Ion	Ratio	Lower	Upper
77	100		
123	45.1	20.4	80.4
65	12.3	0.0	41.9

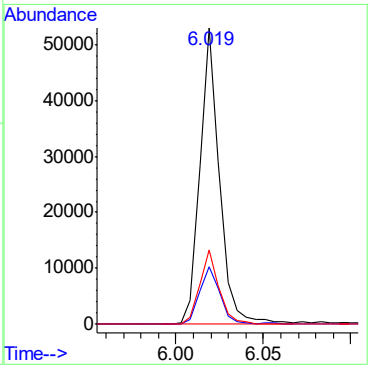


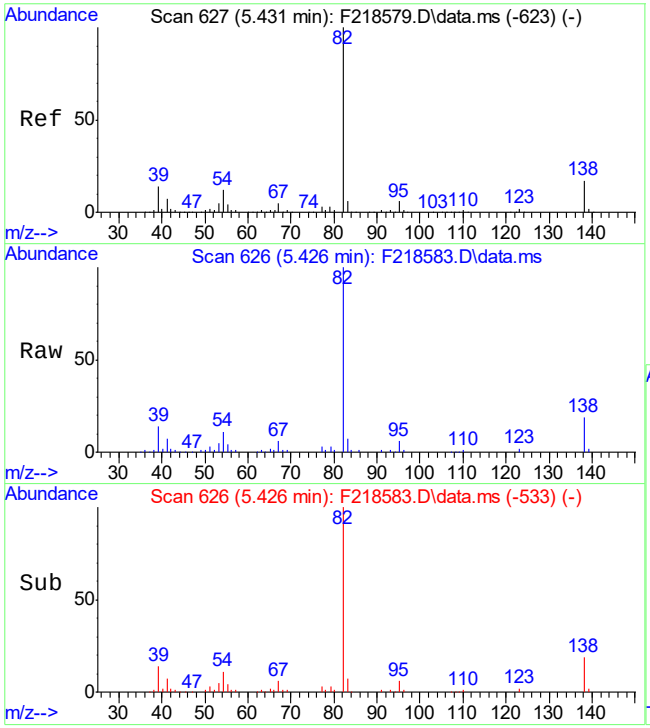


#27
Quinoline
Concen: 10.66 ppm
RT: 6.019 min Scan# 737
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:129 Resp: 41322

Ion	Ratio	Lower	Upper
129	100		
128	19.6	0.0	50.3
102	25.1	0.0	55.9

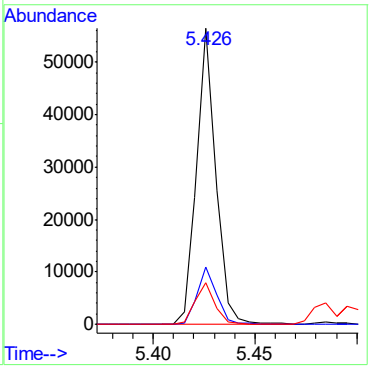


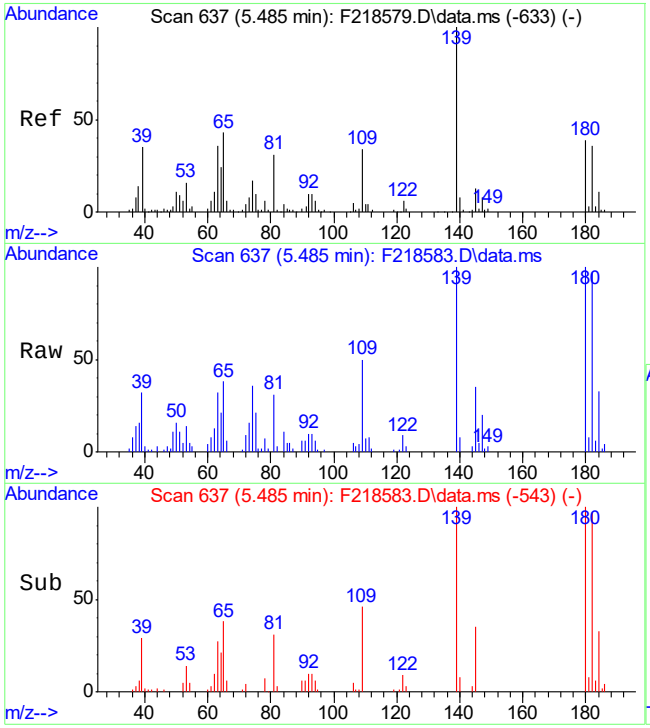


#28
Isophorone
Concen: 10.56 ppm
RT: 5.426 min Scan# 626
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 82 Resp: 36803

Ion	Ratio	Lower	Upper
82	100		
138	19.4	0.0	47.1
39	14.1	0.0	44.0

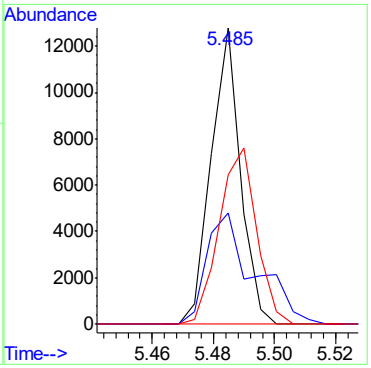


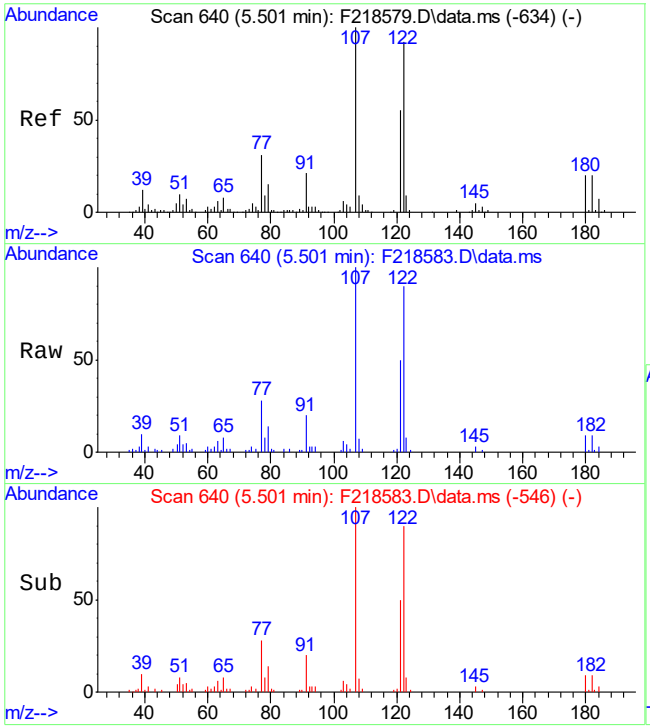


#29
2-Nitrophenol
Concen: 9.00 ppm
RT: 5.485 min Scan# 637
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:139 Resp: 8469

Ion	Ratio	Lower	Upper
139	100		
65	35.4	13.1	73.1
109	50.5	3.7	63.7

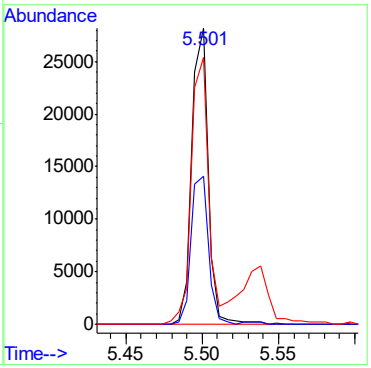


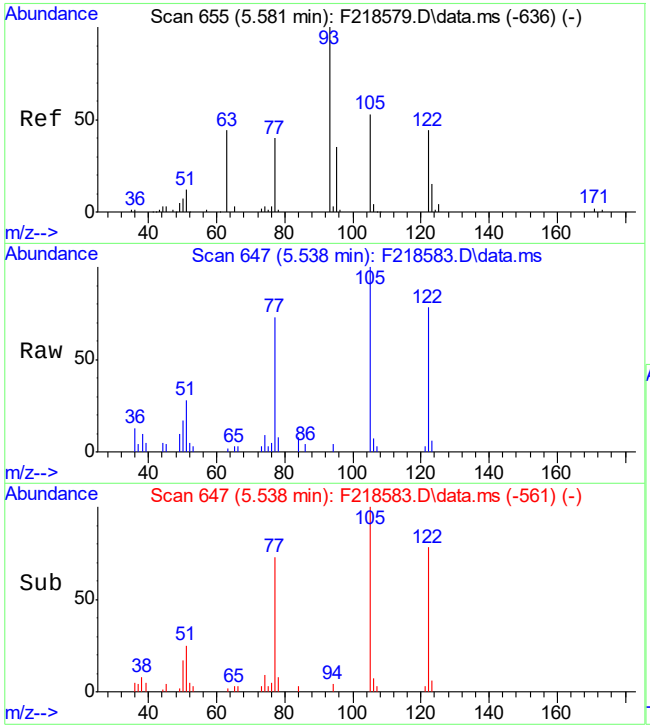


#30
2,4-Dimethylphenol
Concen: 10.86 ppm
RT: 5.501 min Scan# 640
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:107 Resp: 20981

Ion	Ratio	Lower	Upper
107	100		
121	49.9	25.4	85.4
122	89.3	57.3	117.3

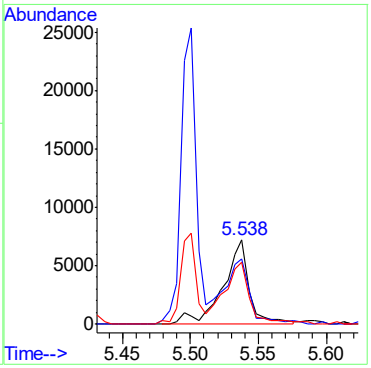


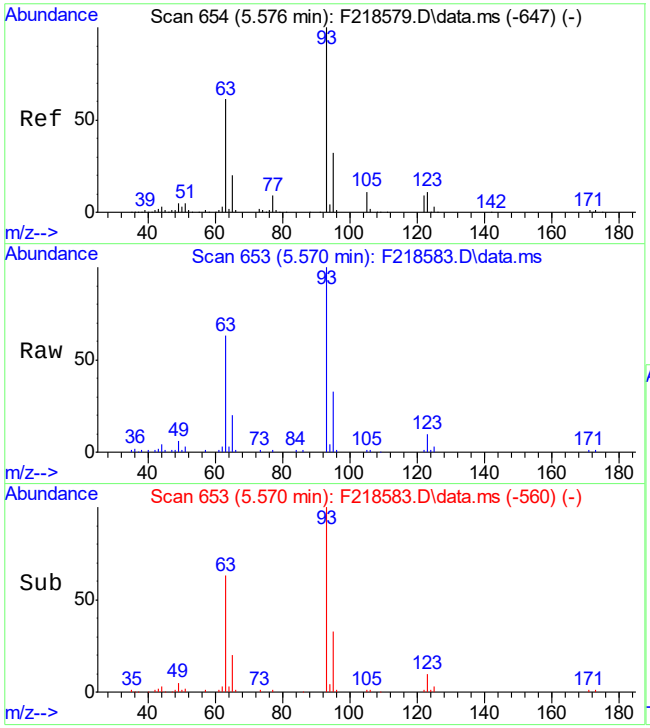


#31
Benzoic acid
Concen: 7.03 ppm
RT: 5.538 min Scan# 647
Delta R.T. -0.042 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:105 Resp: 9638

Ion	Ratio	Lower	Upper
105	100		
122	74.6	56.7	116.7
77	71.0	46.1	106.1

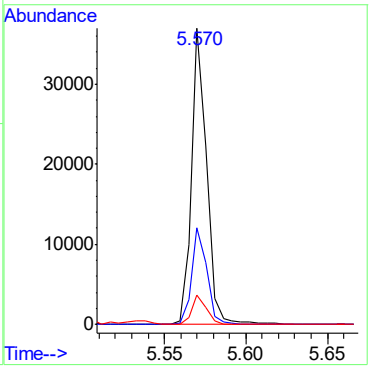


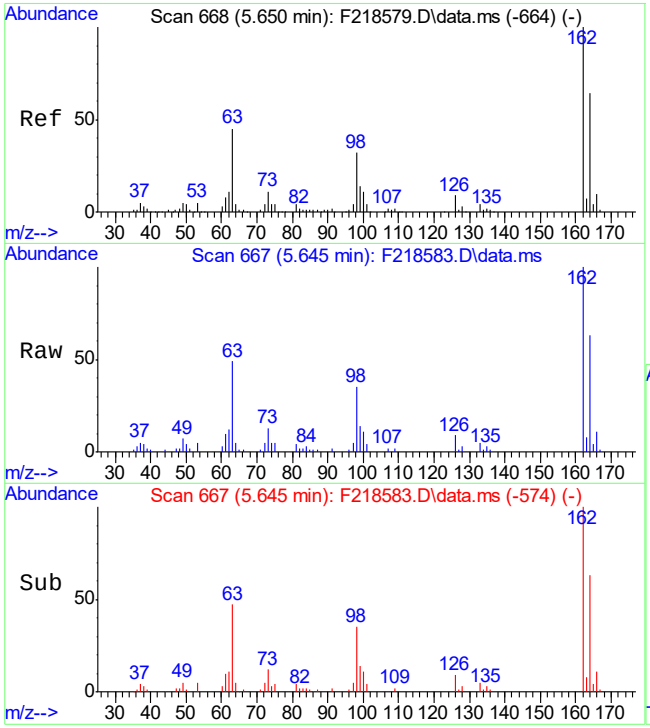


#32
bis(2-Chloroethoxy)methane
Concen: 10.70 ppm
RT: 5.570 min Scan# 653
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 93 Resp: 24095

Ion	Ratio	Lower	Upper
93	100		
95	32.5	2.5	62.5
123	10.0	0.0	41.2

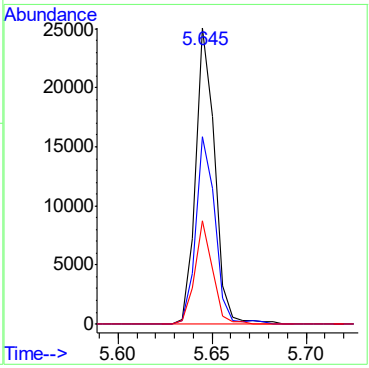


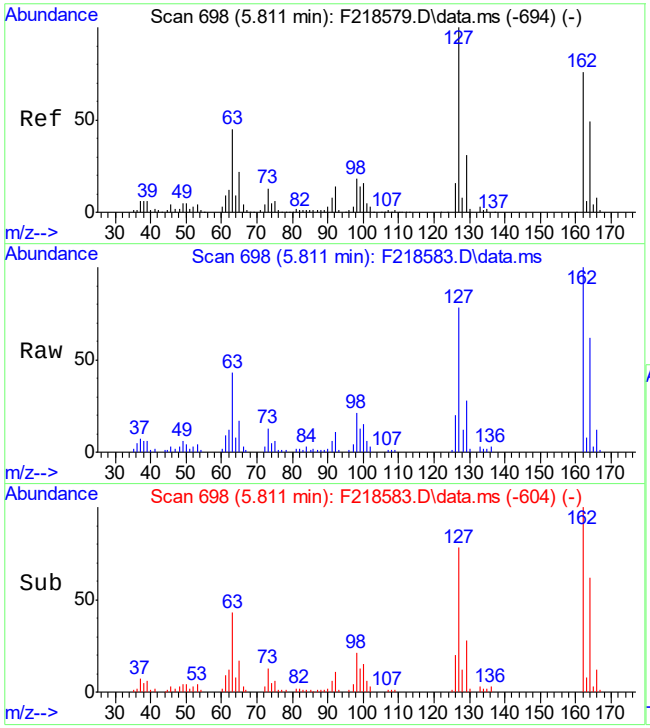


#33
2,4-Dichlorophenol
Concen: 10.59 ppm
RT: 5.645 min Scan# 667
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:162 Resp: 17613

Ion	Ratio	Lower	Upper
162	100		
164	63.2	33.6	93.6
98	35.1	1.5	61.5

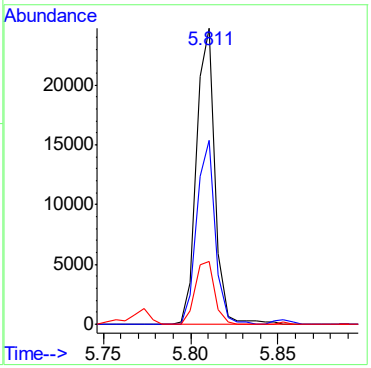


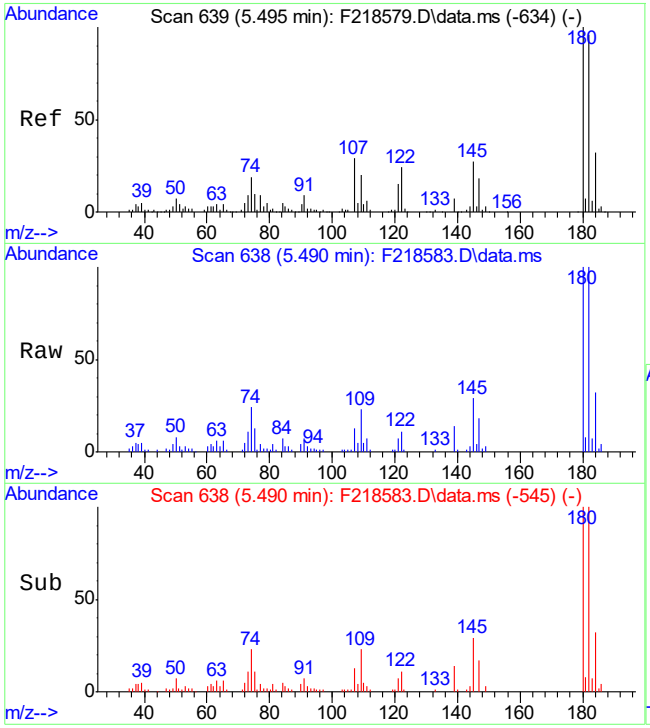


#34
2,6-Dichlorophenol
Concen: 10.88 ppm
RT: 5.811 min Scan# 698
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:162 Resp: 18248

Ion	Ratio	Lower	Upper
162	100		
164	61.8	34.9	94.9
98	21.1	0.0	53.2

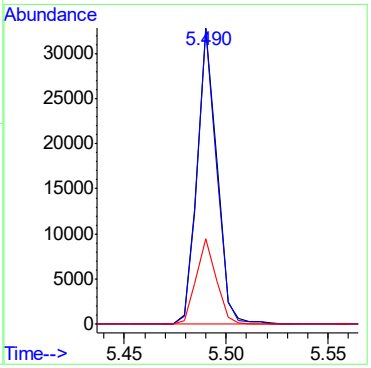


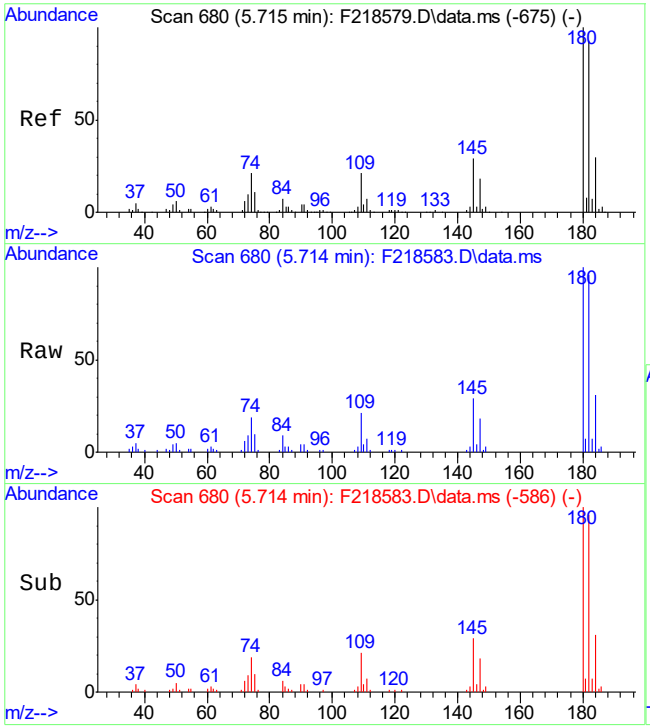


#35
1,3,5-Trichlorobenzene
Concen: 11.10 ppm
RT: 5.490 min Scan# 638
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:180 Resp: 21865

Ion	Ratio	Lower	Upper
180	100		
182	99.5	66.2	126.2
145	29.0	0.0	57.2

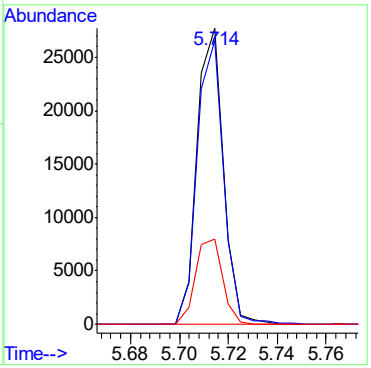


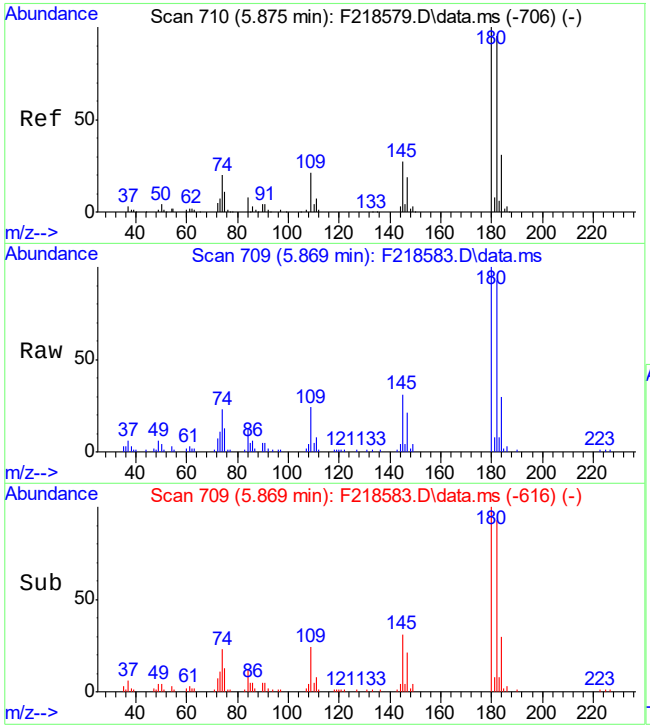


#36
1,2,4-Trichlorobenzene
Concen: 10.95 ppm
RT: 5.714 min Scan# 680
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:180 Resp: 20695

Ion	Ratio	Lower	Upper
180	100		
182	95.5	62.8	122.8
145	28.7	0.0	58.7

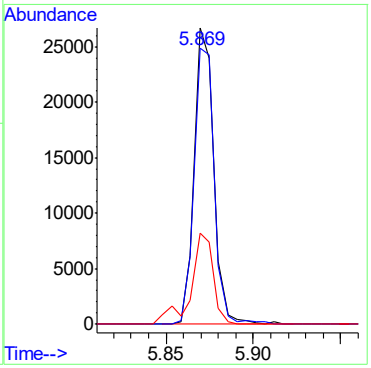


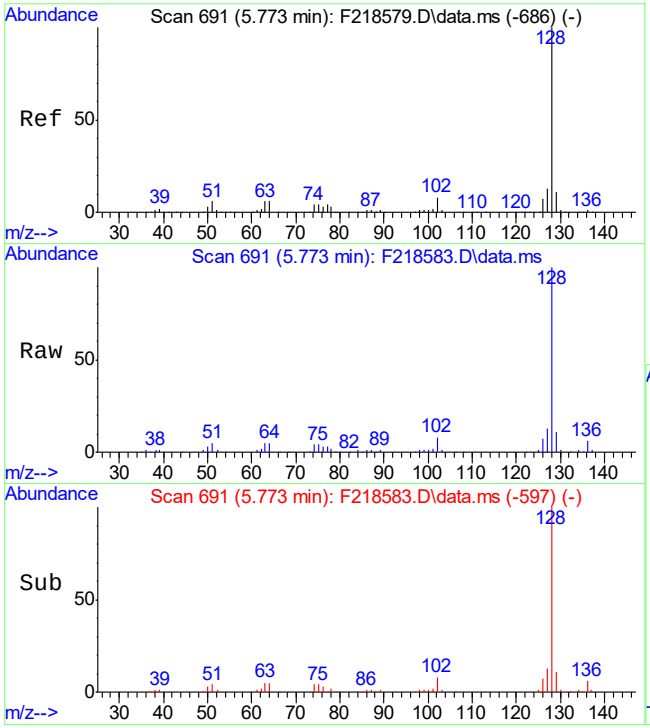


#37
1,2,3-Trichlorobenzene
Concen: 11.19 ppm
RT: 5.869 min Scan# 709
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:180 Resp: 20691

Ion	Ratio	Lower	Upper
180	100		
182	93.4	65.1	125.1
145	29.3	0.0	59.2

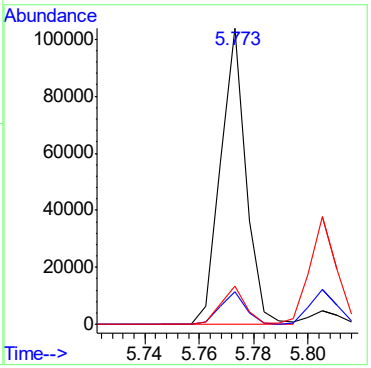


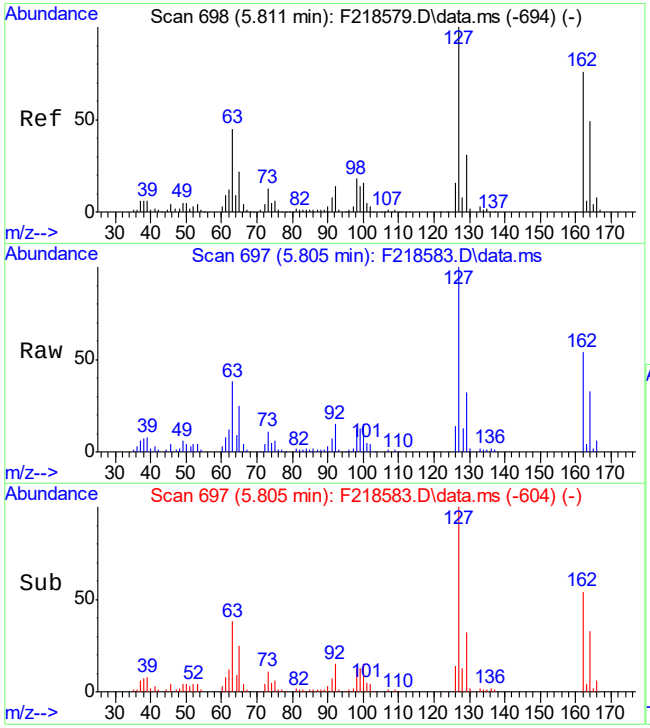


#38
Naphthalene
Concen: 11.07 ppm
RT: 5.773 min Scan# 691
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:128 Resp: 67164

Ion	Ratio	Lower	Upper
128	100		
129	10.7	0.0	41.2
127	11.8	0.0	42.9

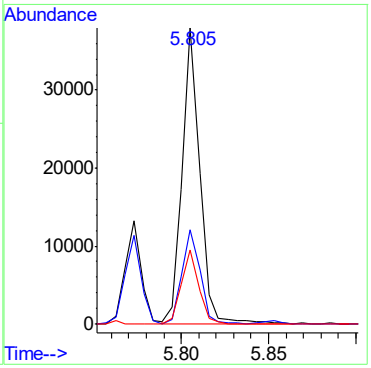


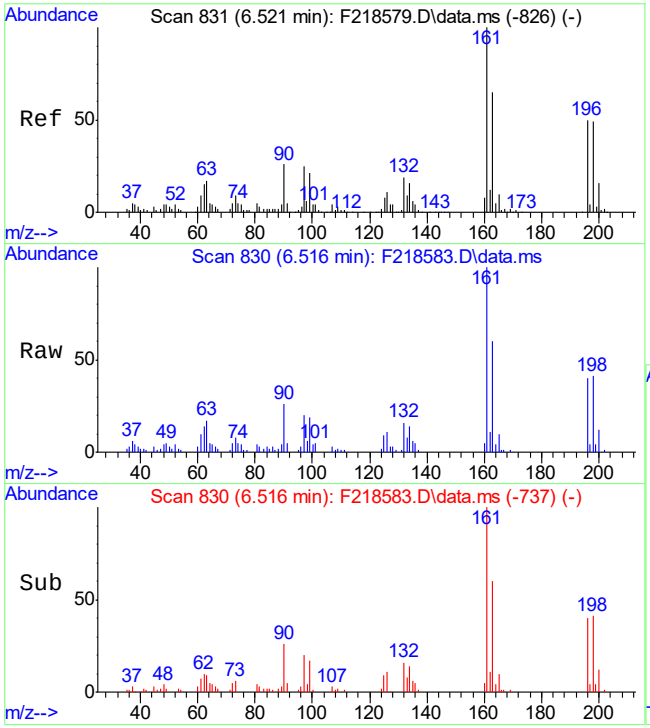


#39
4-Chloroaniline
Concen: 10.33 ppm
RT: 5.805 min Scan# 697
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:127 Resp: 26805

Ion	Ratio	Lower	Upper
127	100		
129	31.9	1.5	61.5
65	25.2	0.0	51.5

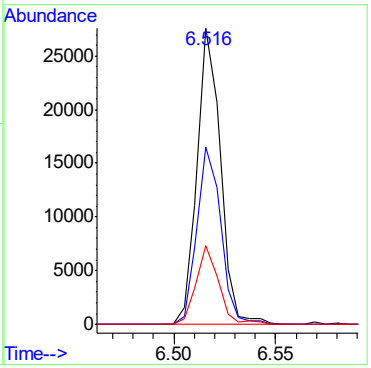


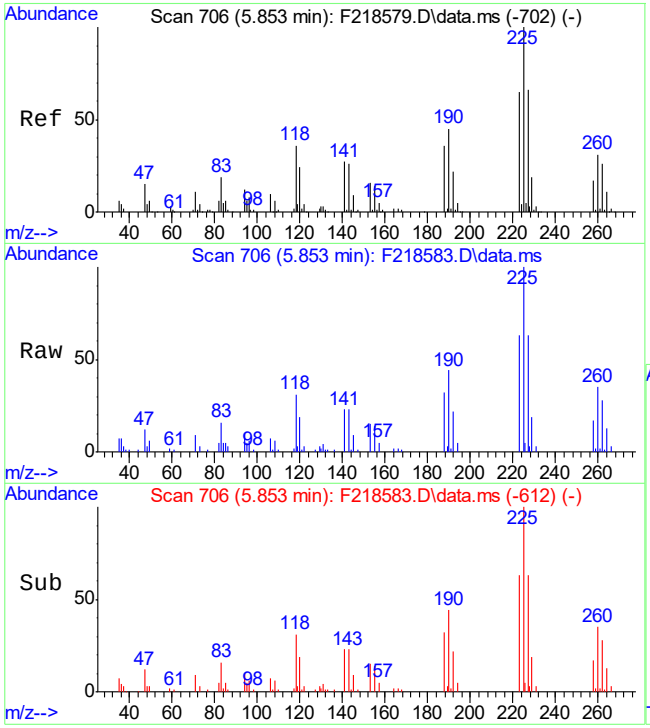


#40
2,3-Dichloroaniline
Concen: 11.04 ppm
RT: 6.516 min Scan# 830
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:161 Resp: 21799

Ion	Ratio	Lower	Upper
161	100		
163	60.0	35.0	95.0
90	26.5	0.0	56.3

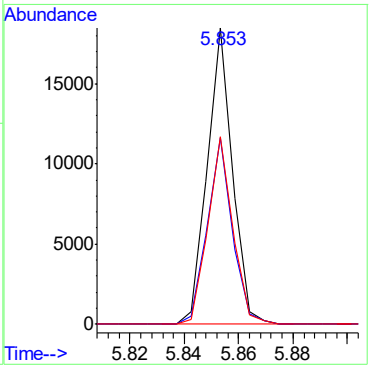


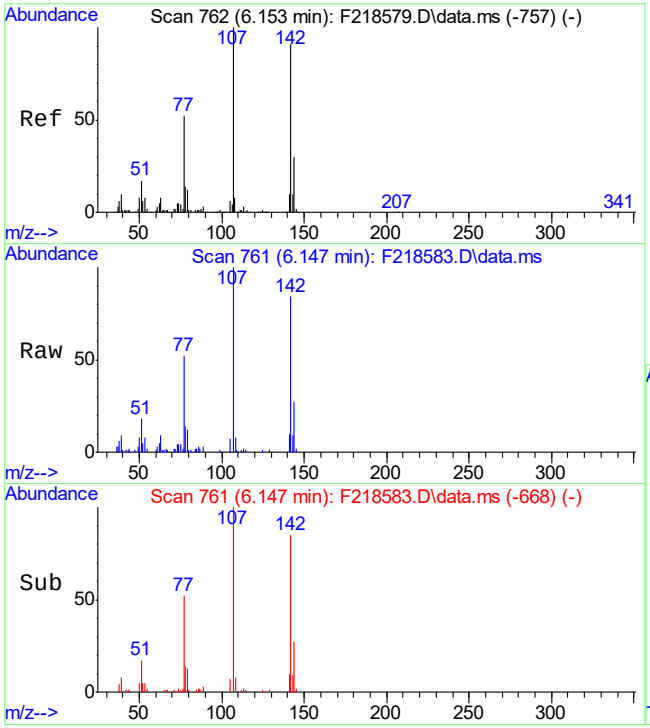


#42
Hexachlorobutadiene
Concen: 11.25 ppm
RT: 5.853 min Scan# 706
Delta R.T. -0.000 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:225 Resp: 11834

Ion	Ratio	Lower	Upper
225	100		
223	62.7	34.5	94.5
227	63.2	35.8	95.8

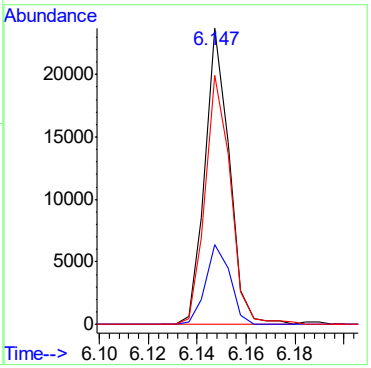


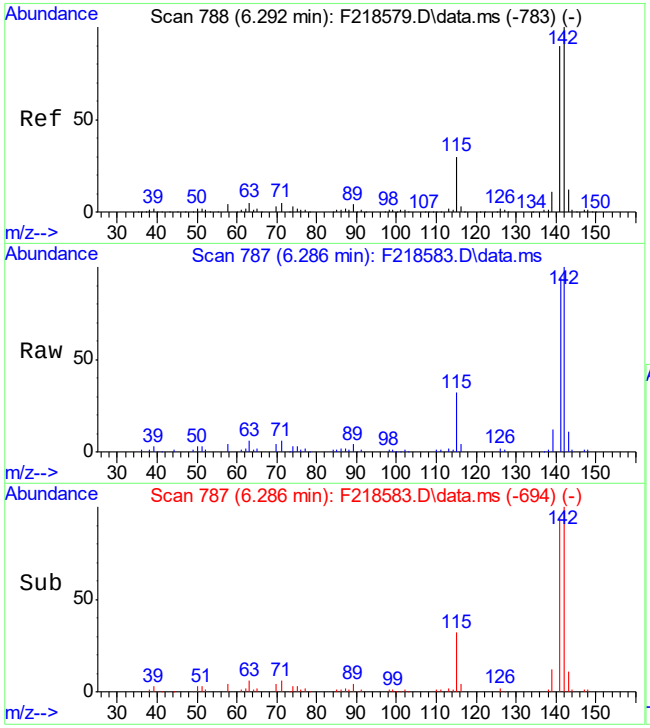


#43
4-Chloro-3-methylphenol
Concen: 10.72 ppm
RT: 6.147 min Scan# 761
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:107 Resp: 16380

Ion	Ratio	Lower	Upper
107	100		
144	26.8	0.0	59.9
142	83.7	61.5	121.5

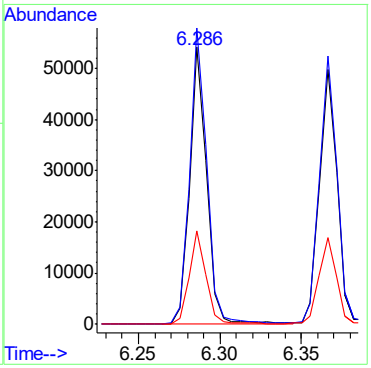


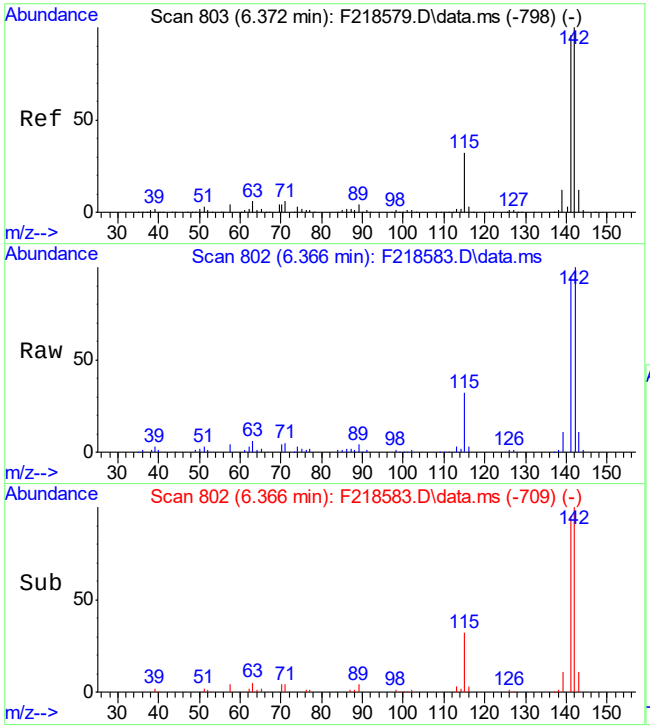


#44
2-Methylnaphthalene
Concen: 11.46 ppm
RT: 6.286 min Scan# 787
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:141 Resp: 39679

Ion	Ratio	Lower	Upper
141	100		
142	106.7	80.5	140.5
115	33.5	2.8	62.8

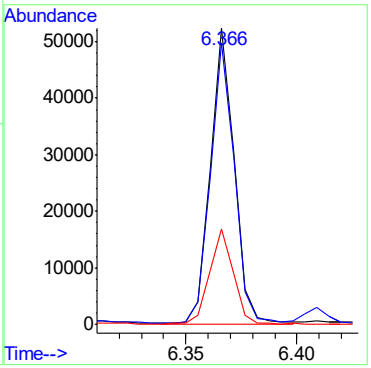


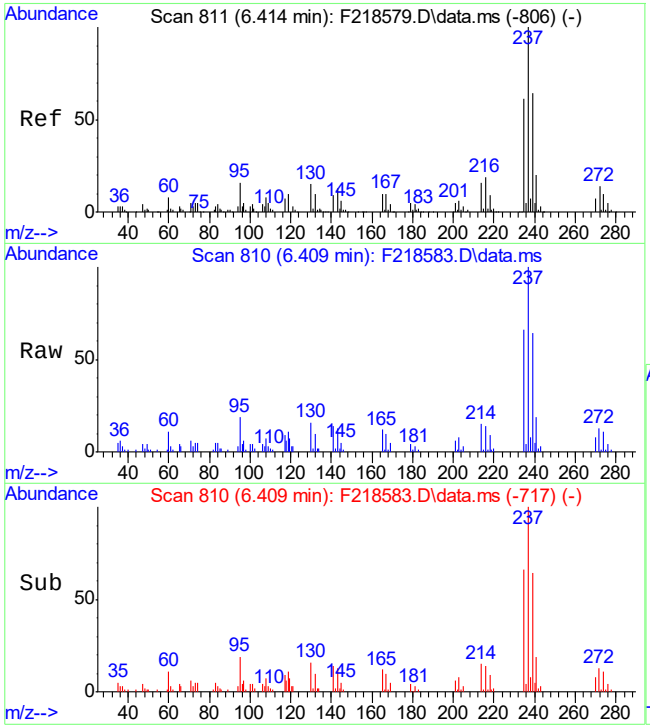


#45
1-Methylnaphthalene
Concen: 10.87 ppm
RT: 6.366 min Scan# 802
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:142 Resp: 39738

Ion	Ratio	Lower	Upper
142	100		
141	94.9	62.9	122.9
115	32.2	2.4	62.4

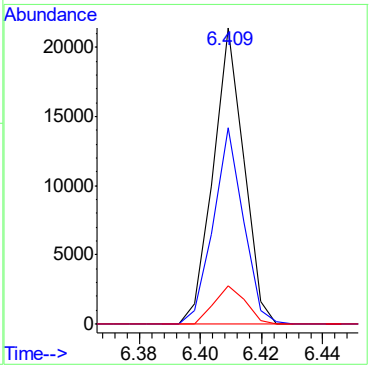


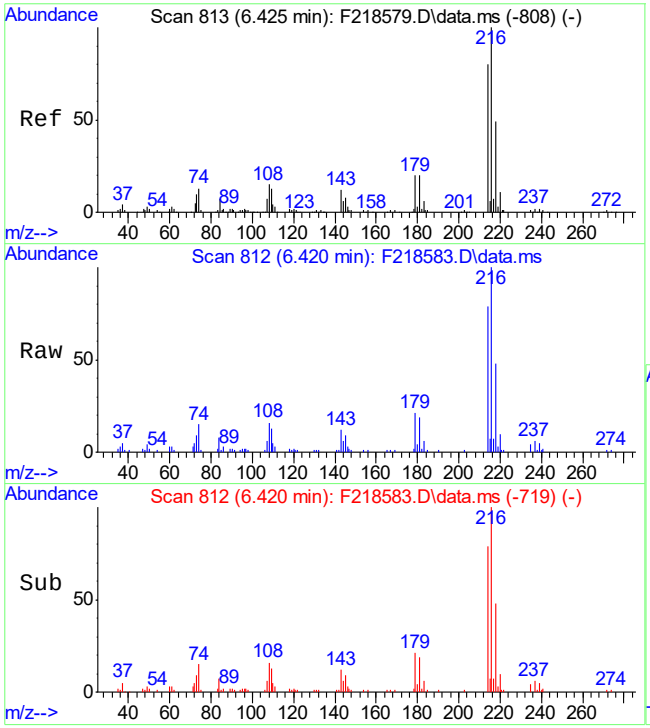


#47
Hexachlorocyclopentadiene
Concen: 16.83 ppm
RT: 6.409 min Scan# 810
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:237 Resp: 14900

Ion	Ratio	Lower	Upper
237	100		
235	66.3	30.8	90.8
272	13.0	0.0	44.0

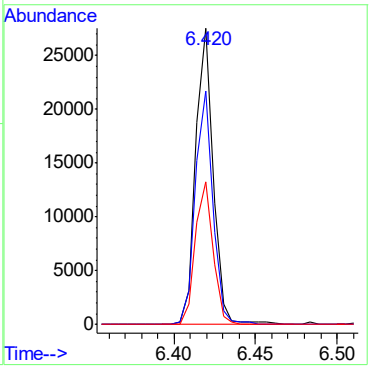


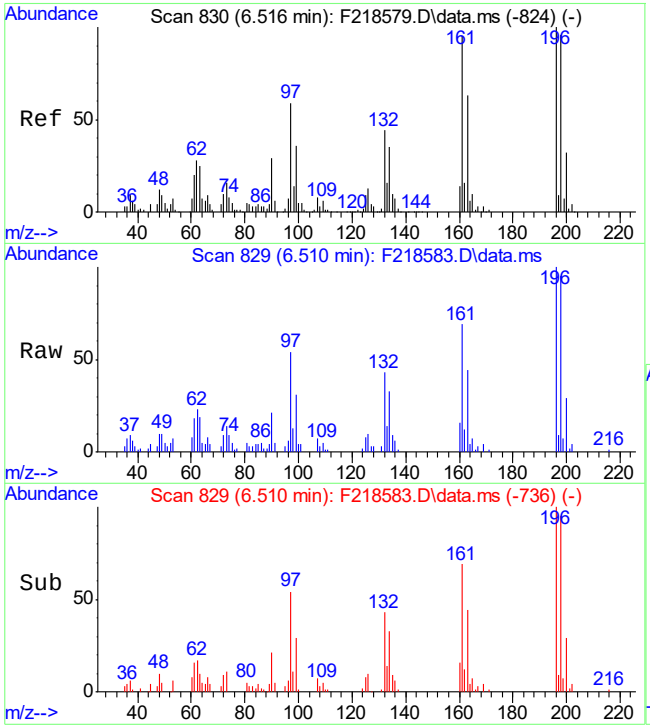


#48
1,2,4,5-tetrachlorobenzene
Concen: 11.06 ppm
RT: 6.420 min Scan# 812
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:216 Resp: 20547

Ion	Ratio	Lower	Upper
216	100		
214	79.3	55.6	103.2
218	48.3	33.6	62.4

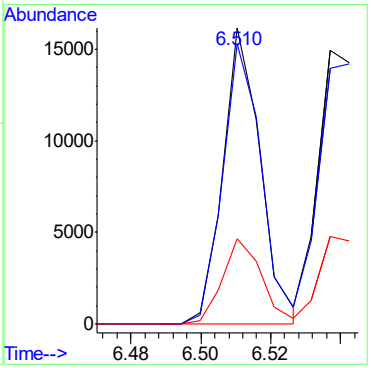


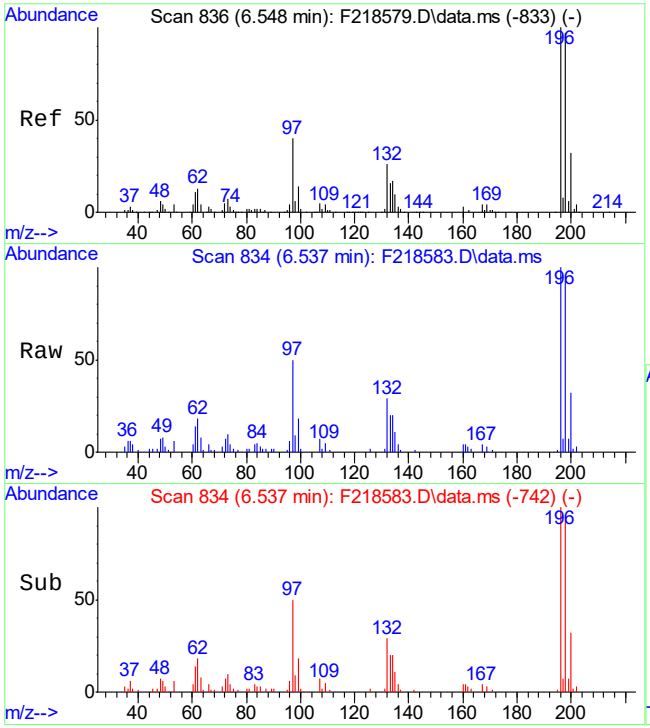


#49
2,4,6-Trichlorophenol
Concen: 10.29 ppm
RT: 6.510 min Scan# 829
Delta R.T. -0.005 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:196 Resp: 11950

Ion	Ratio	Lower	Upper
196	100		
198	94.4	66.2	126.2
200	28.8	1.7	61.7

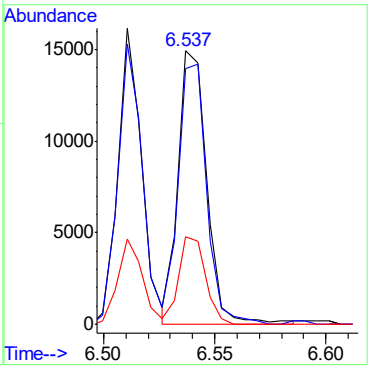


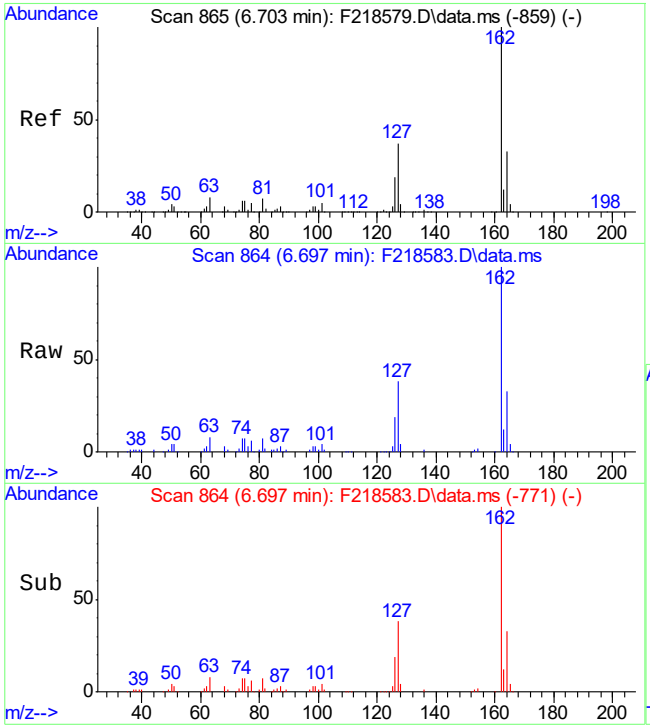


#50
2,4,5-Trichlorophenol
Concen: 10.38 ppm
RT: 6.537 min Scan# 834
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:196 Resp: 13363

Ion	Ratio	Lower	Upper
196	100		
198	92.8	66.8	126.8
200	32.1	1.7	61.7

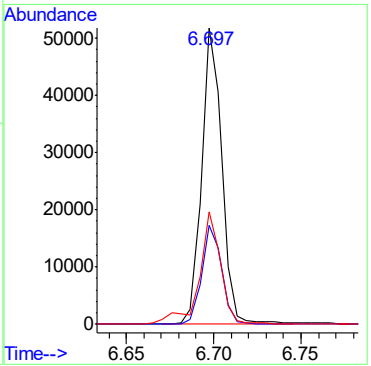


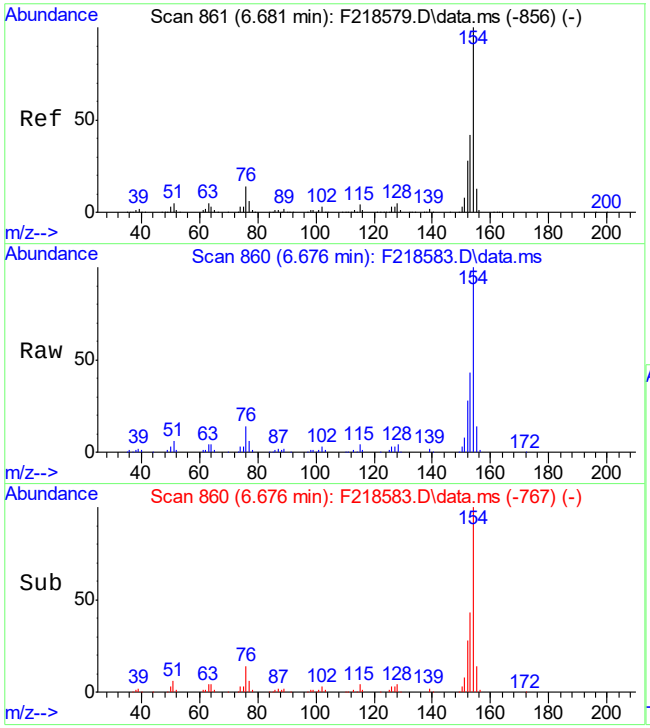


#52
2-Chloronaphthalene
Concen: 11.03 ppm
RT: 6.697 min Scan# 864
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:162 Resp: 41621

Ion	Ratio	Lower	Upper
162	100		
164	33.3	3.0	63.0
127	37.1	6.9	66.9

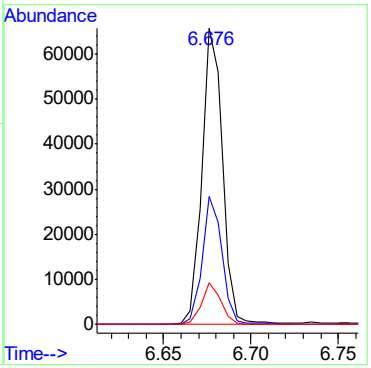


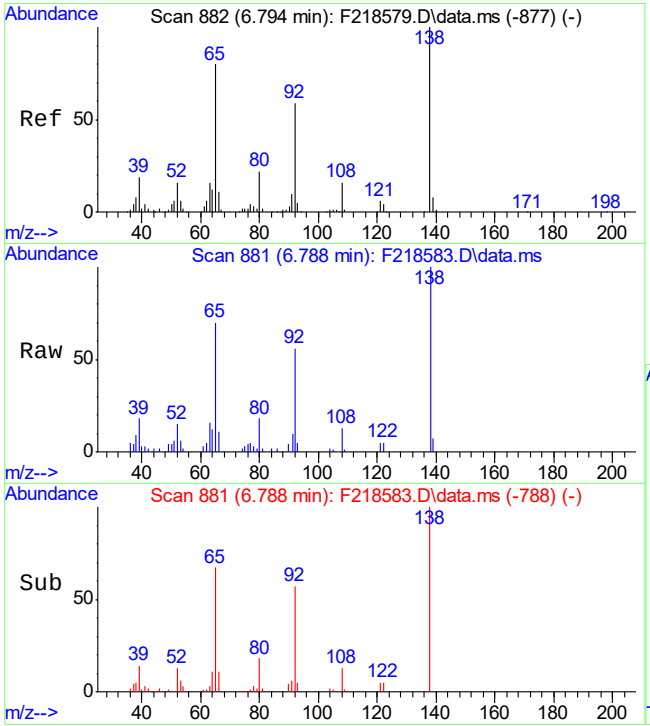


#53
Biphenyl
Concen: 11.22 ppm
RT: 6.676 min Scan# 860
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:154 Resp: 54204

Ion	Ratio	Lower	Upper
154	100		
153	43.2	12.0	72.0
155	14.0	0.0	42.7

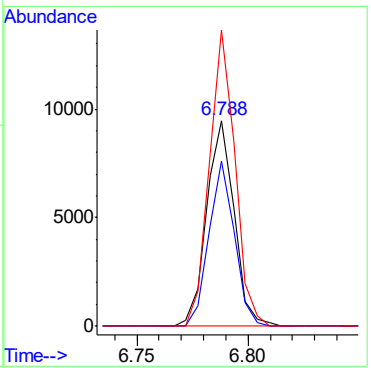


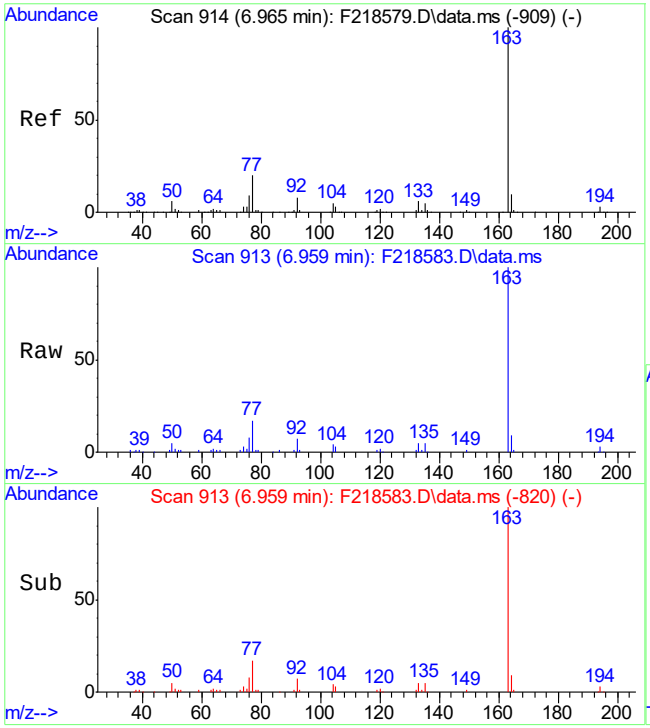


#54
2-Nitroaniline
Concen: 9.35 ppm
RT: 6.788 min Scan# 881
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 65 Resp: 8164

Ion	Ratio	Lower	Upper
65	100		
92	80.1	43.2	103.2
138	143.9	94.6	154.6

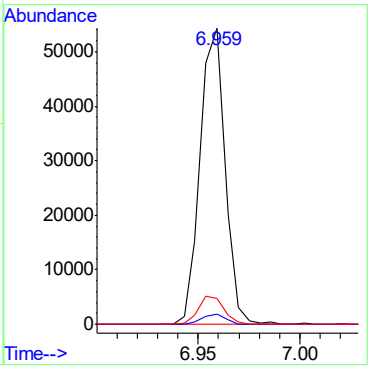


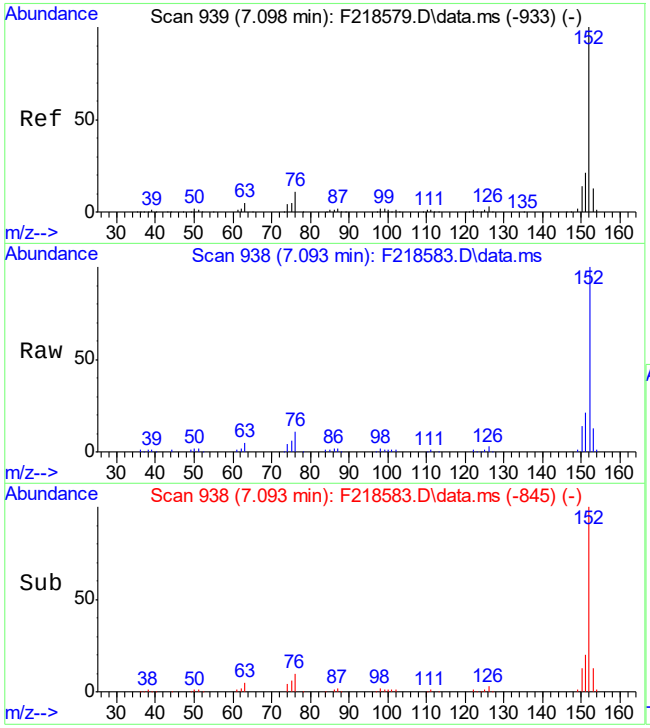


#55
Dimethylphthalate
Concen: 11.21 ppm
RT: 6.959 min Scan# 913
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:163 Resp: 45943

Ion	Ratio	Lower	Upper
163	100		
194	3.5	0.0	33.2
164	8.7	0.0	40.3

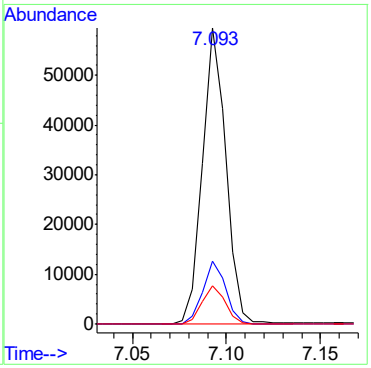


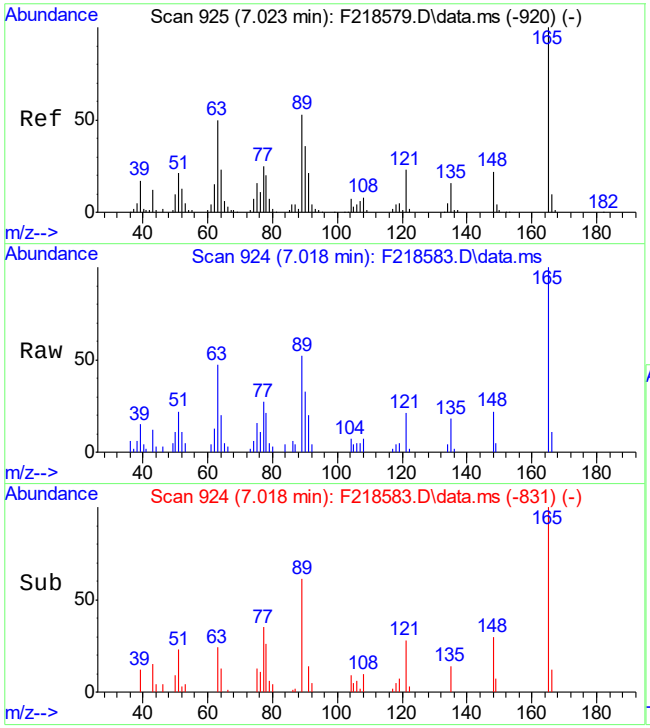


#56
Acenaphthylene
Concen: 11.38 ppm
RT: 7.093 min Scan# 938
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:152 Resp: 51525

Ion	Ratio	Lower	Upper
152	100		
151	21.1	0.0	50.5
153	12.9	0.0	43.0

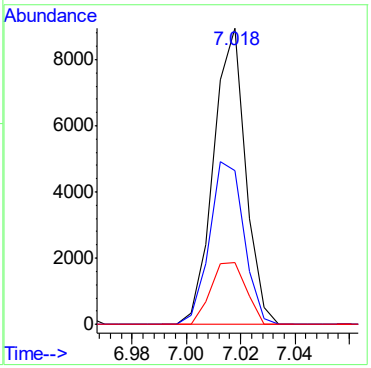


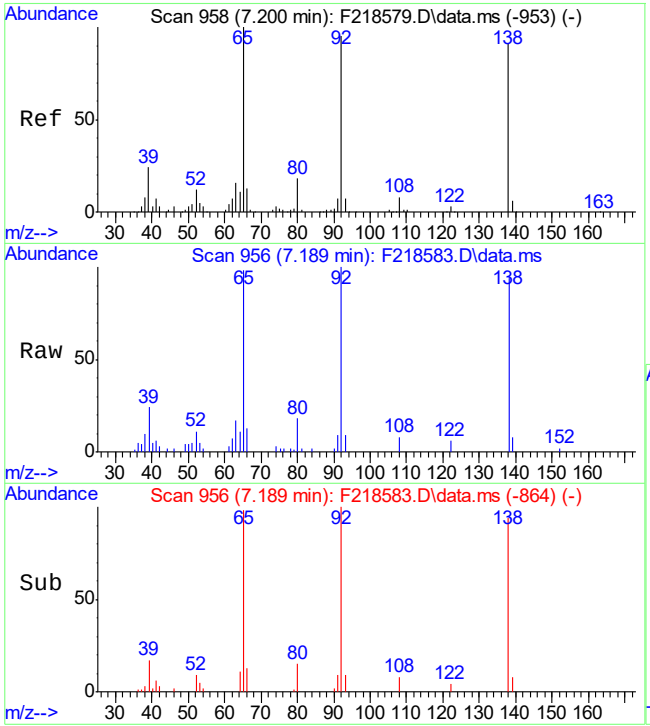


#57
2,6-Dinitrotoluene
Concen: 8.94 ppm
RT: 7.018 min Scan# 924
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:165 Resp: 7304

Ion	Ratio	Lower	Upper
165	100		
89	52.0	23.2	83.2
121	21.0	0.0	52.8

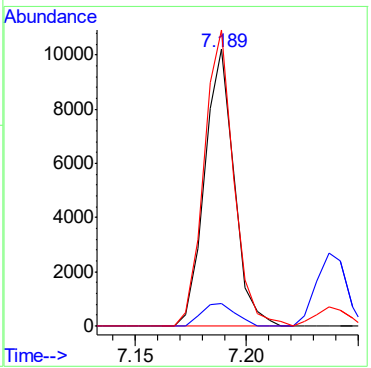


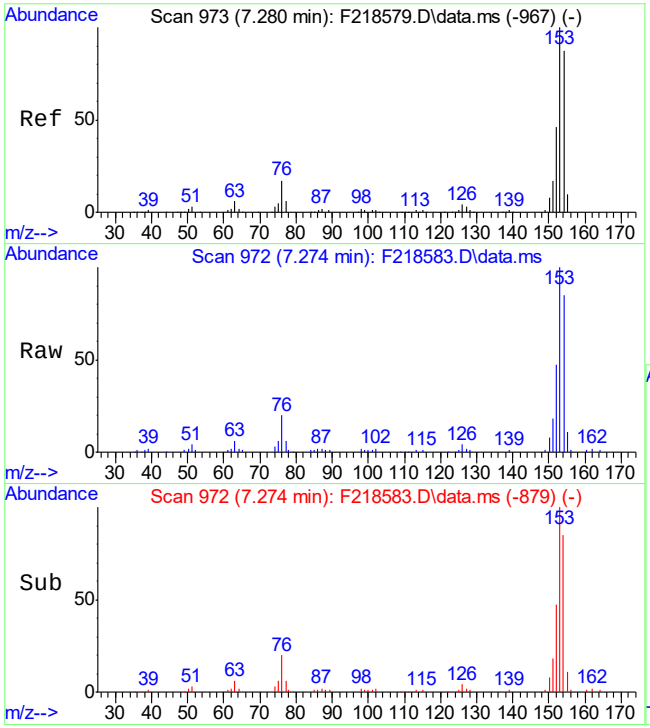


#58
3-Nitroaniline
Concen: 9.41 ppm
RT: 7.189 min Scan# 956
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:138 Resp: 9409

Ion	Ratio	Lower	Upper
138	100		
108	8.1	0.0	38.0
92	106.7	74.4	134.4

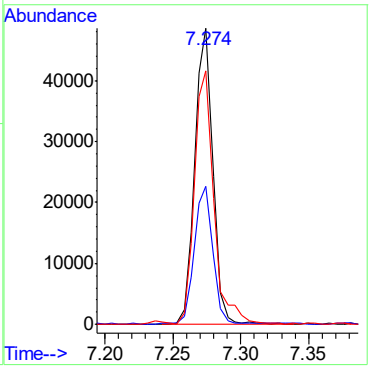


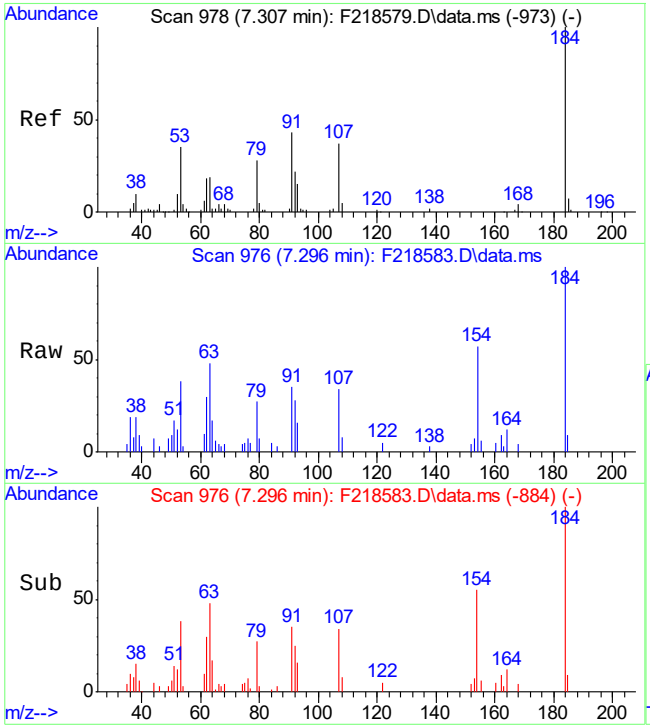


#59
Acenaphthene
Concen: 10.83 ppm
RT: 7.274 min Scan# 972
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:153 Resp: 44679

Ion	Ratio	Lower	Upper
153	100		
152	46.3	16.3	76.3
154	84.8	57.4	117.4

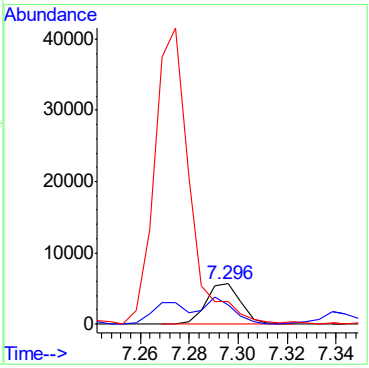


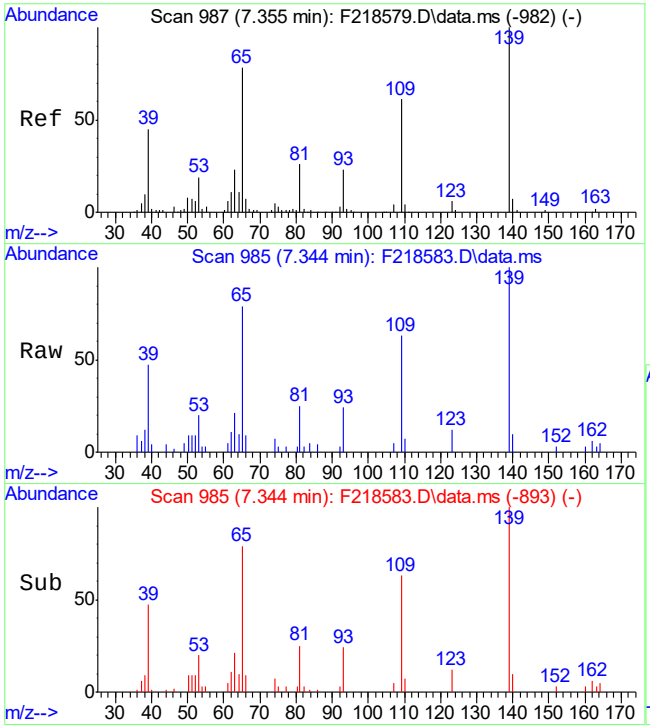


#60
2,4-Dinitrophenol
Concen: 14.50 ppm
RT: 7.296 min Scan# 976
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:184 Resp: 5507

Ion	Ratio	Lower	Upper
184	100		
63	20.7	0.0	60.0
154	0.0	0.0	30.0

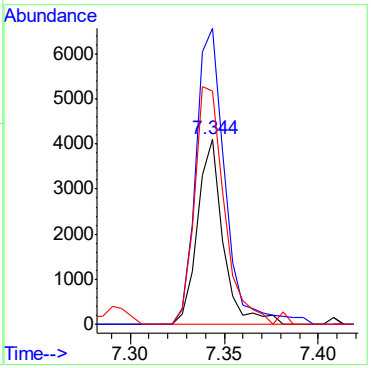


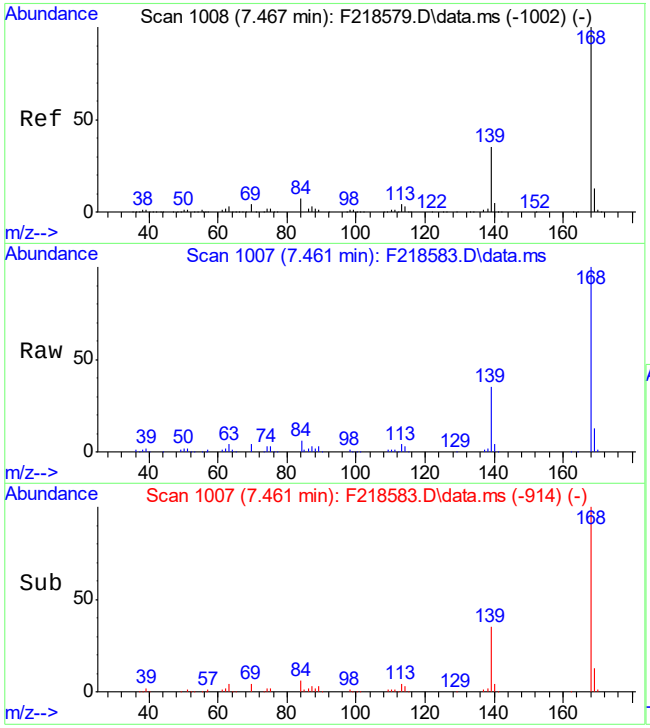


#61
4-Nitrophenol
Concen: 8.16 ppm
RT: 7.344 min Scan# 985
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:109 Resp: 3886

Ion	Ratio	Lower	Upper
109	100		
139	157.6	134.4	194.4
65	125.4	98.6	158.6

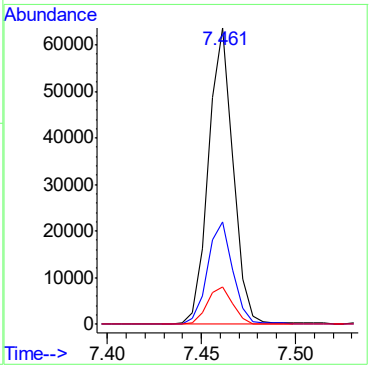


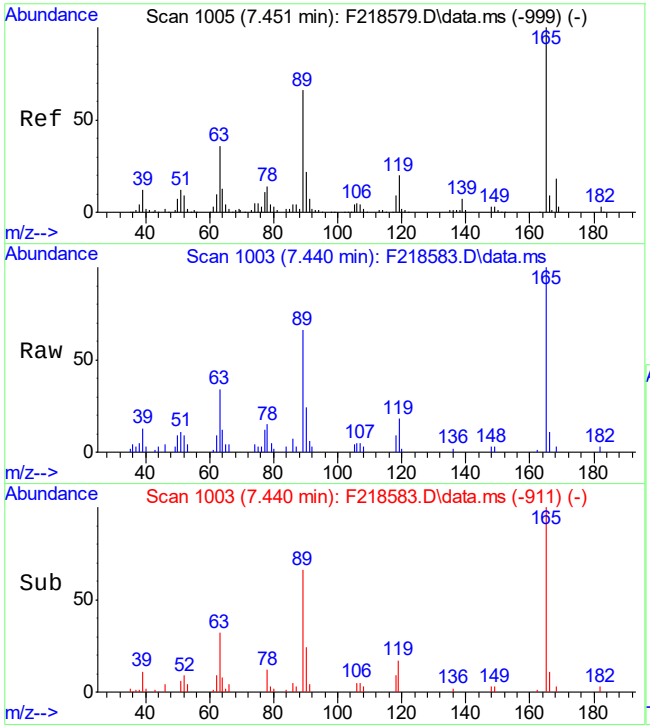


#62
Dibenzofuran
Concen: 10.86 ppm
RT: 7.461 min Scan# 1007
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:168 Resp: 57502

Ion	Ratio	Lower	Upper
168	100		
139	34.7	5.2	65.2
169	12.6	0.0	43.3

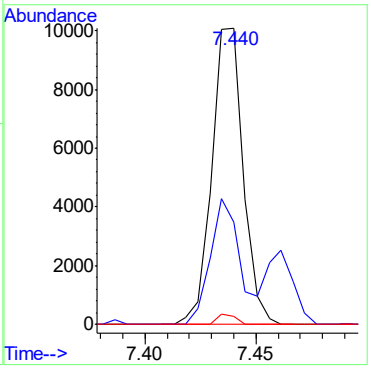


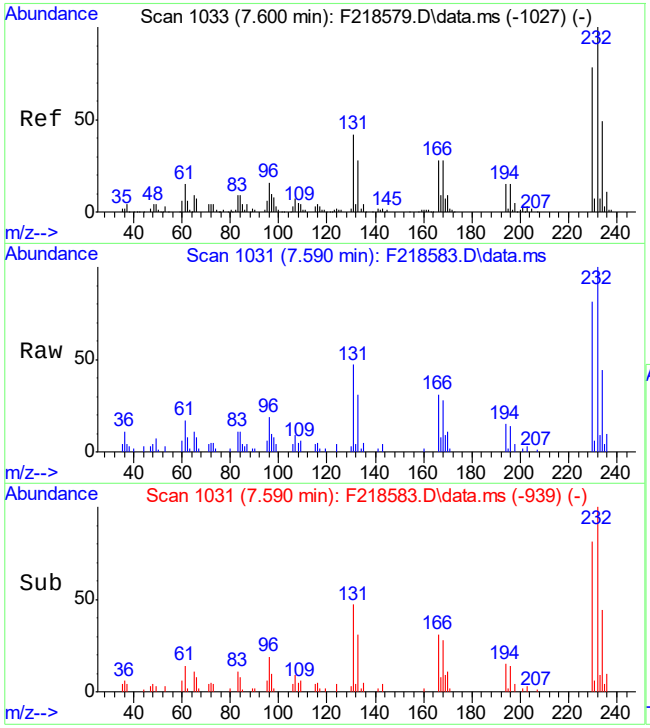


#63
2,4-Dinitrotoluene
Concen: 9.10 ppm
RT: 7.440 min Scan# 1003
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:165 Resp: 9919

Ion	Ratio	Lower	Upper
165	100		
63	27.2	6.1	66.1
182	2.5	0.0	32.6

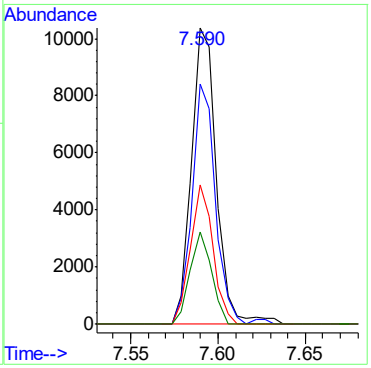


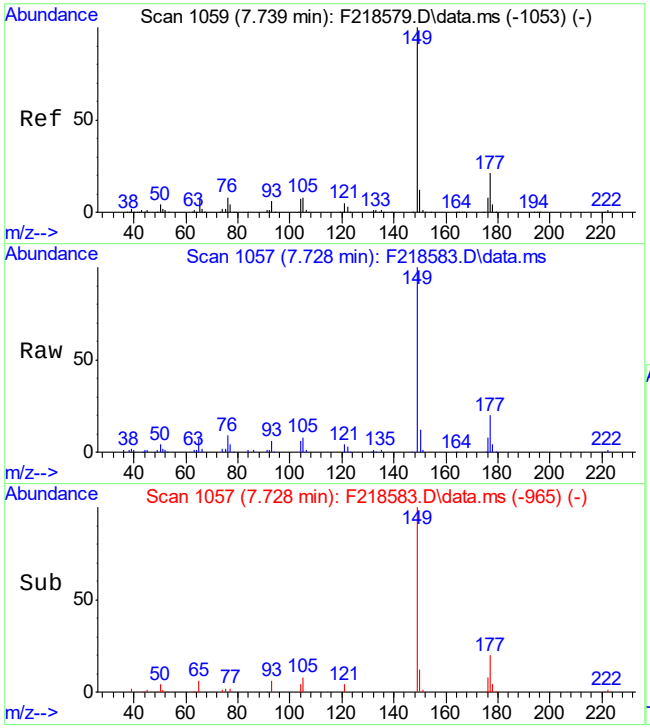


#64
2,3,4,6-Tetrachlorophenol
Concen: 10.11 ppm
RT: 7.590 min Scan# 1031
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:232 Resp: 10287

Ion	Ratio	Lower	Upper
232	100		
230	81.1	48.4	108.4
131	46.9	11.7	71.7
133	31.2	0.0	57.9

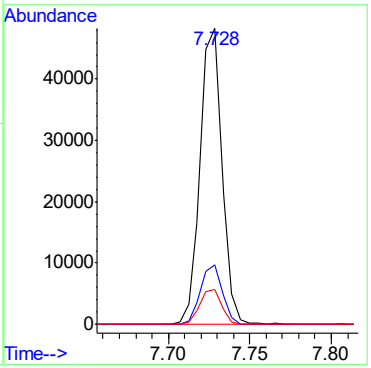


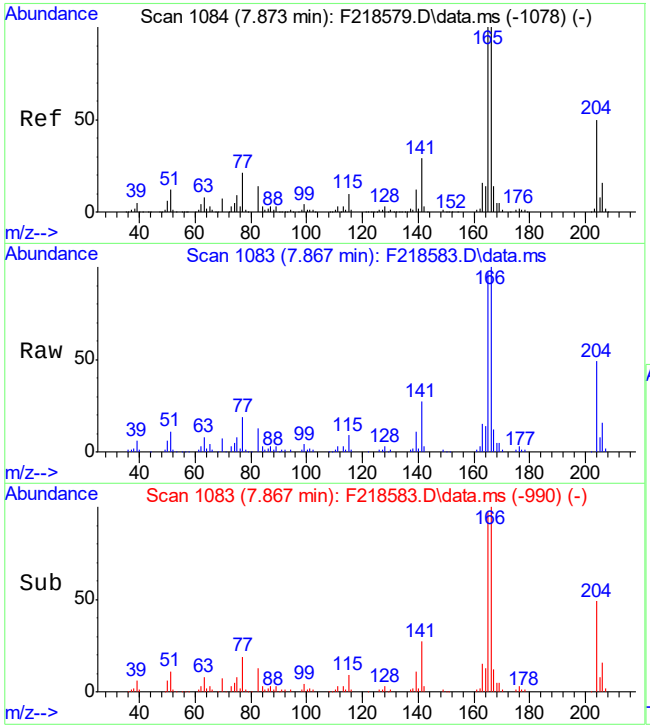


#65
Diethylphthalate
Concen: 10.82 ppm
RT: 7.728 min Scan# 1057
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:149 Resp: 45105

Ion	Ratio	Lower	Upper
149	100		
177	20.2	0.0	50.6
150	11.6	0.0	42.0

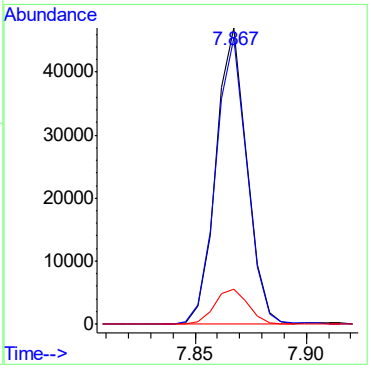


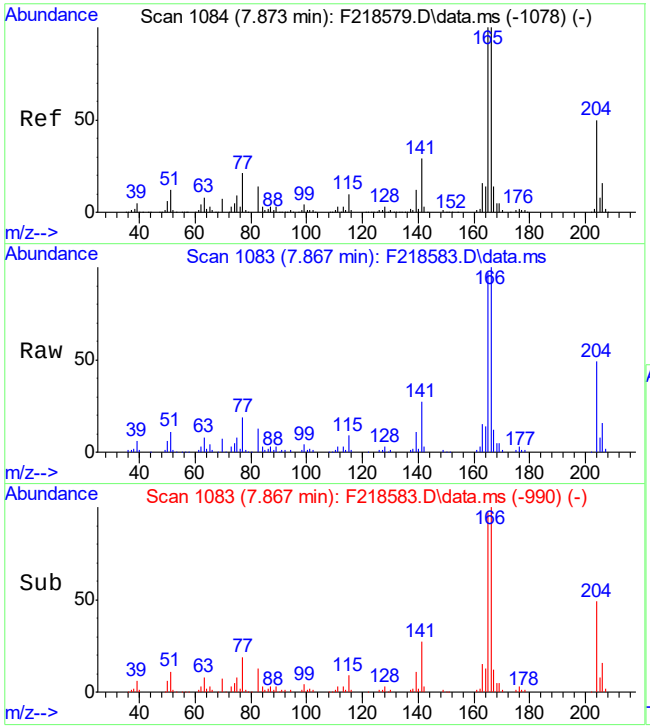


#66
Fluorene
Concen: 10.86 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:166 Resp: 45656

Ion	Ratio	Lower	Upper
166	100		
165	96.5	69.8	129.8
167	11.7	0.0	43.7

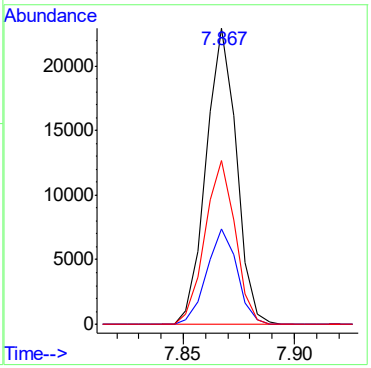


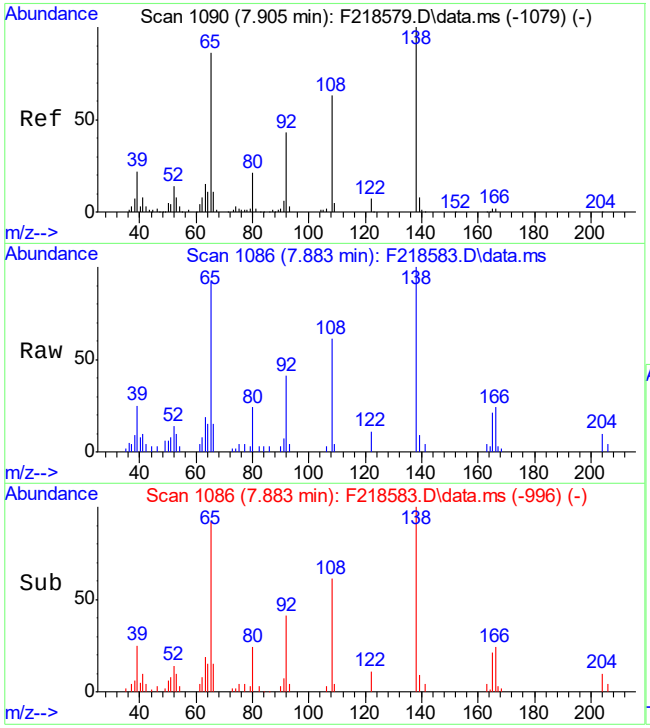


#67
4-Chlorophenyl-phenylether
Concen: 11.22 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:204 Resp: 21804

Ion	Ratio	Lower	Upper
204	100		
206	32.1	2.1	62.1
141	55.3	26.8	86.8

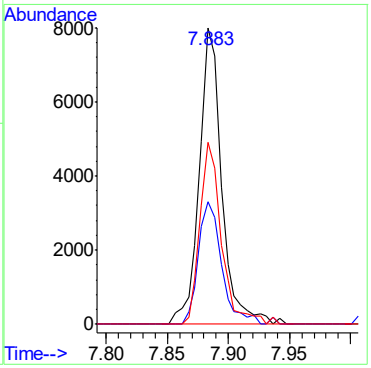


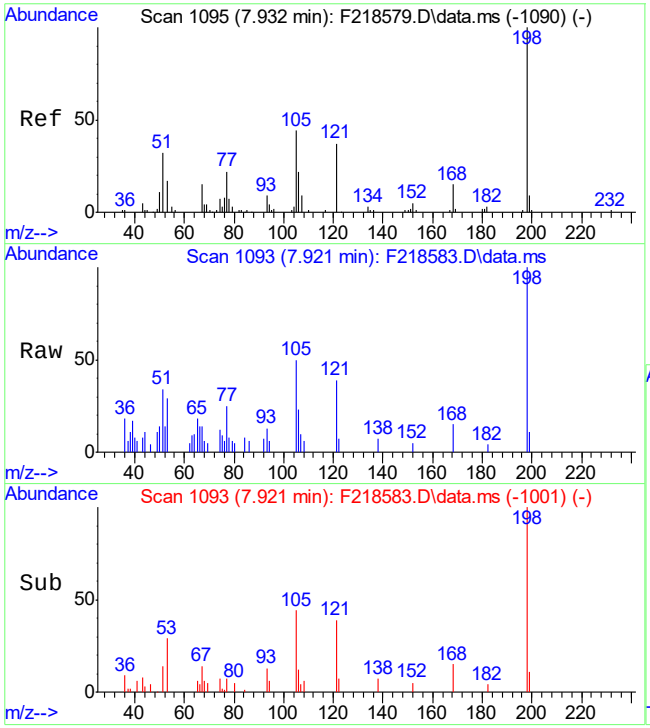


#68
4-Nitroaniline
Concen: 9.54 ppm
RT: 7.883 min Scan# 1086
Delta R.T. -0.022 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:138 Resp: 10124

Ion	Ratio	Lower	Upper
138	100		
92	41.2	13.3	73.3
108	61.4	32.8	92.8

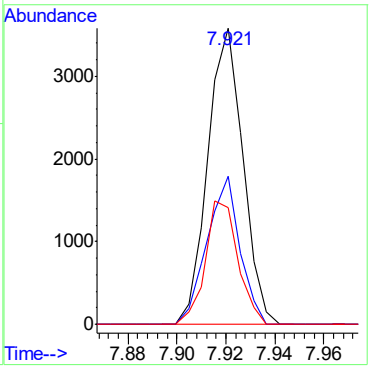


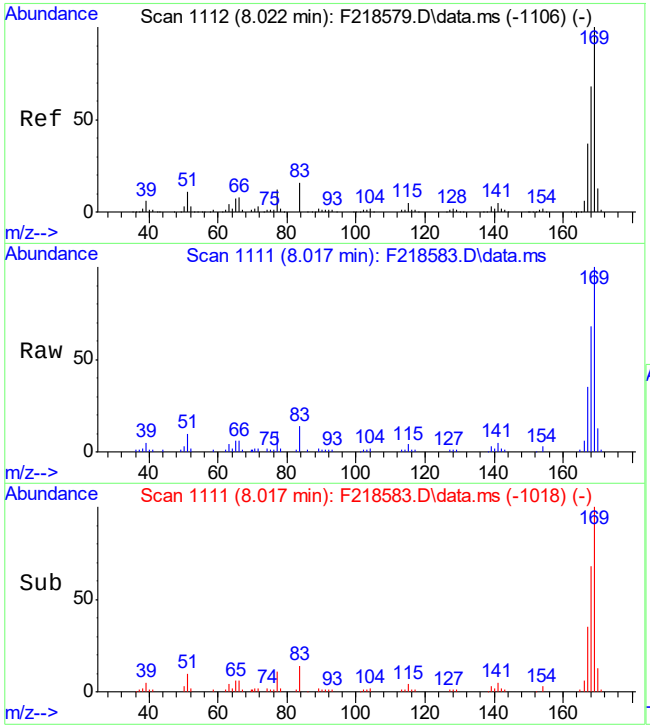


#70
4,6-Dinitro-2-methylphenol
Concen: 7.50 ppm
RT: 7.921 min Scan# 1093
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:198 Resp: 3585

Ion	Ratio	Lower	Upper
198	100		
105	50.2	14.8	74.8
121	39.4	7.1	67.1

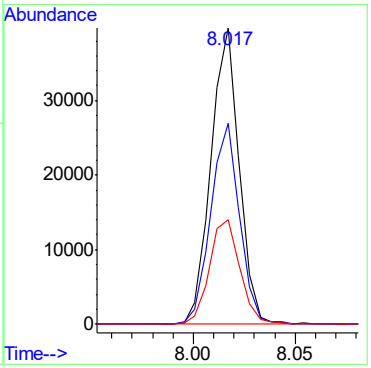


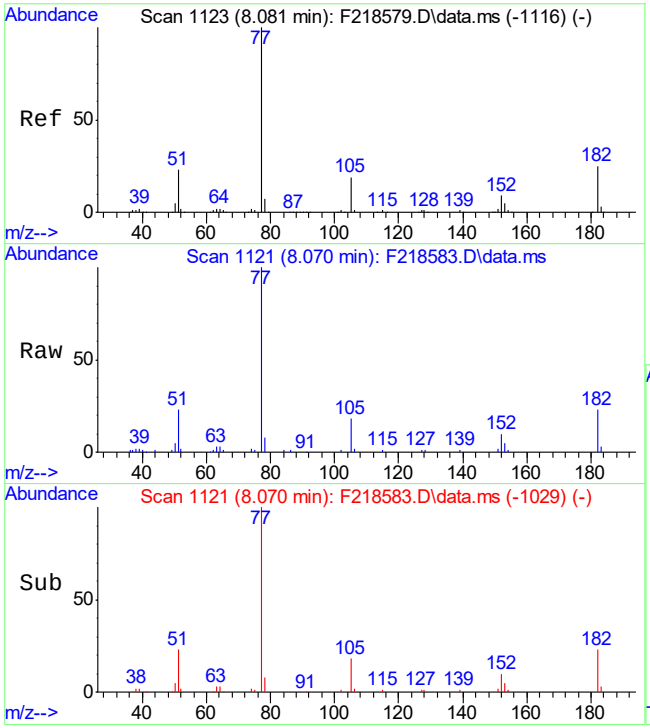


#71
n-Nitrosodiphenylamine
Concen: 10.78 ppm
RT: 8.017 min Scan# 1111
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:169 Resp: 38200

Ion	Ratio	Lower	Upper
169	100		
168	67.8	37.7	97.7
167	35.3	7.1	67.1

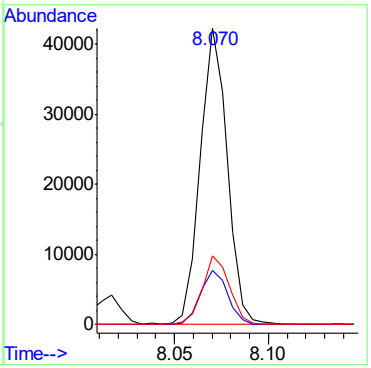


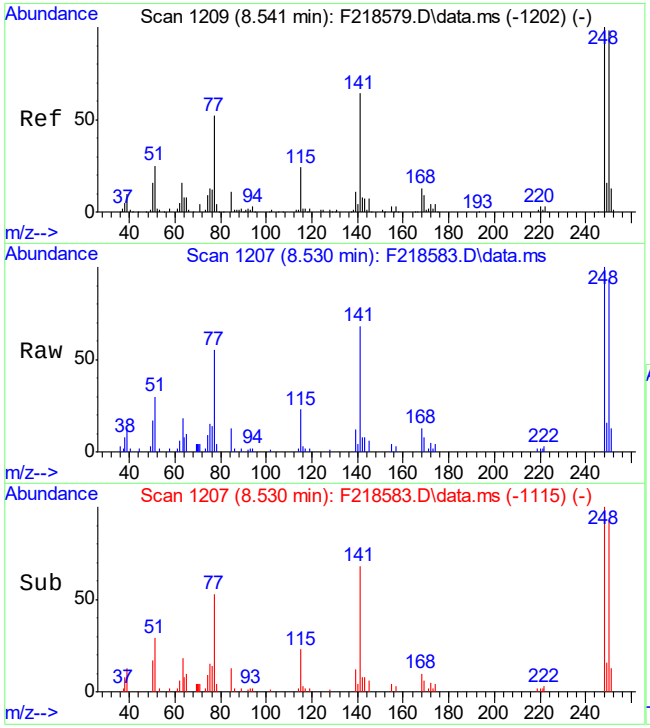


#72
1,2-Diphenylhydrazine
Concen: 10.50 ppm
RT: 8.070 min Scan# 1121
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 77 Resp: 42008

Ion	Ratio	Lower	Upper
77	100		
105	18.0	0.0	48.6
182	23.2	0.0	54.6

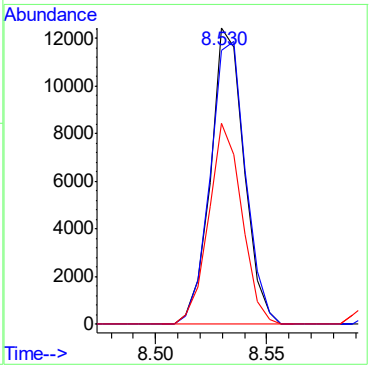


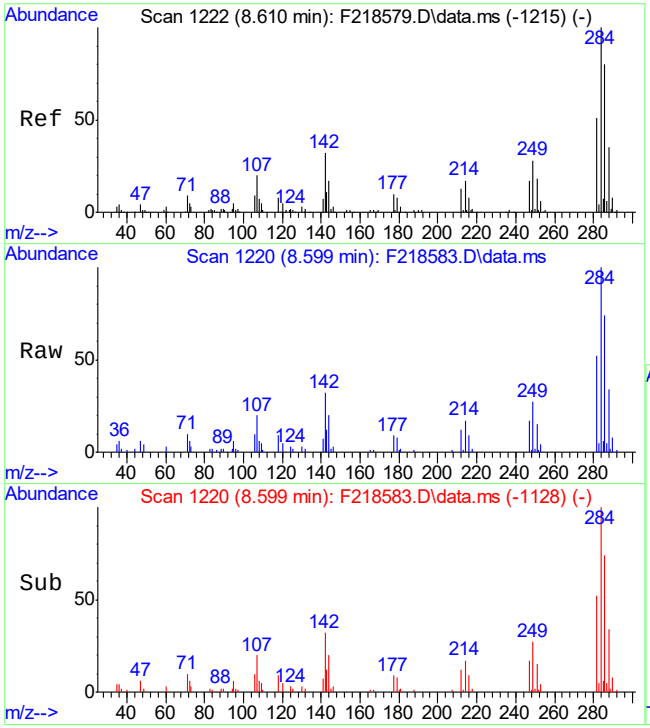


#74
4-Bromophenyl-phenylether
Concen: 10.66 ppm
RT: 8.530 min Scan# 1207
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:248 Resp: 13097

Ion	Ratio	Lower	Upper
248	100		
250	92.6	68.3	128.3
141	68.0	34.4	94.4

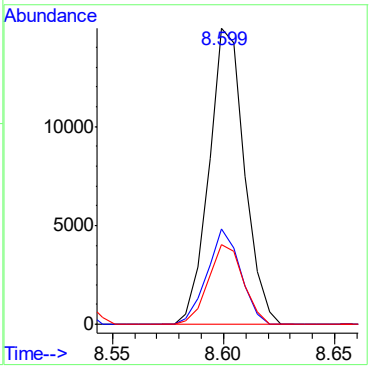


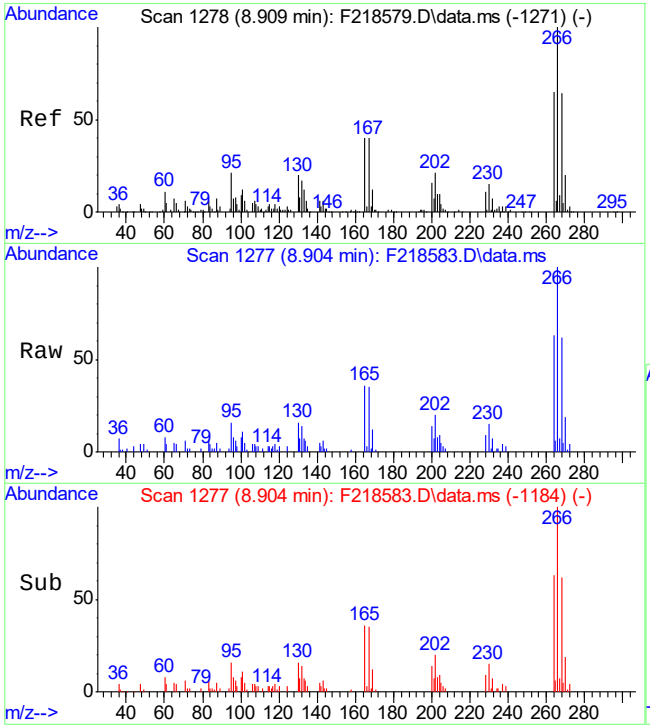


#75
Hexachlorobenzene
Concen: 10.92 ppm
RT: 8.599 min Scan# 1220
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:284 Resp: 16615

Ion	Ratio	Lower	Upper
284	100		
142	32.3	2.4	62.4
249	27.0	0.0	57.7

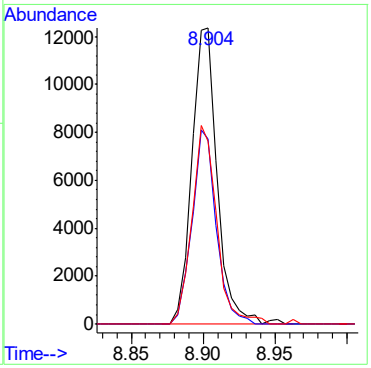


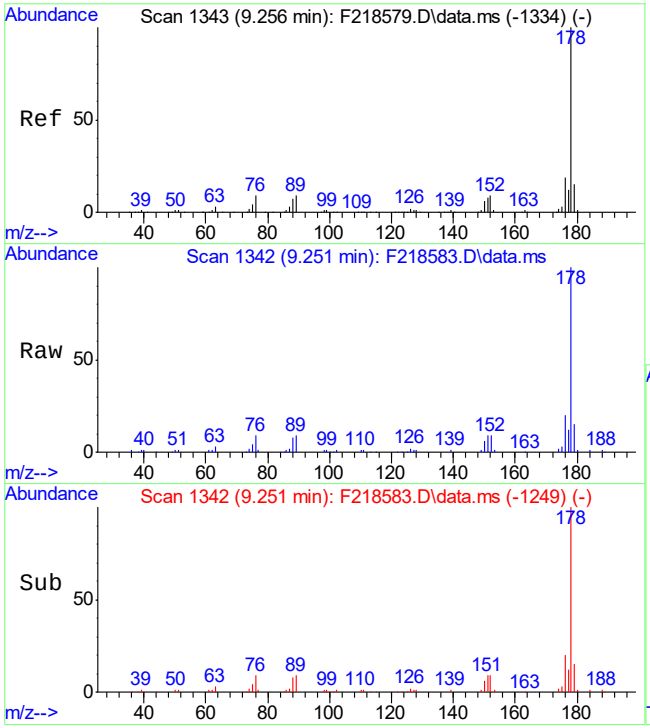


#76
Pentachlorophenol
Concen: 17.08 ppm
RT: 8.904 min Scan# 1277
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:266 Resp: 15375

Ion	Ratio	Lower	Upper
266	100		
264	62.6	34.7	94.7
268	61.1	33.8	93.8

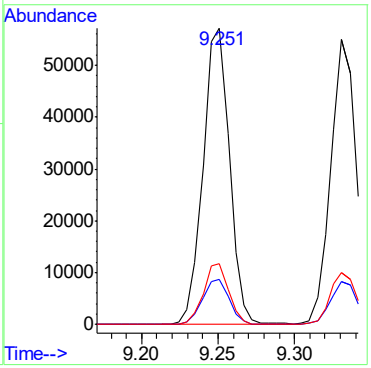


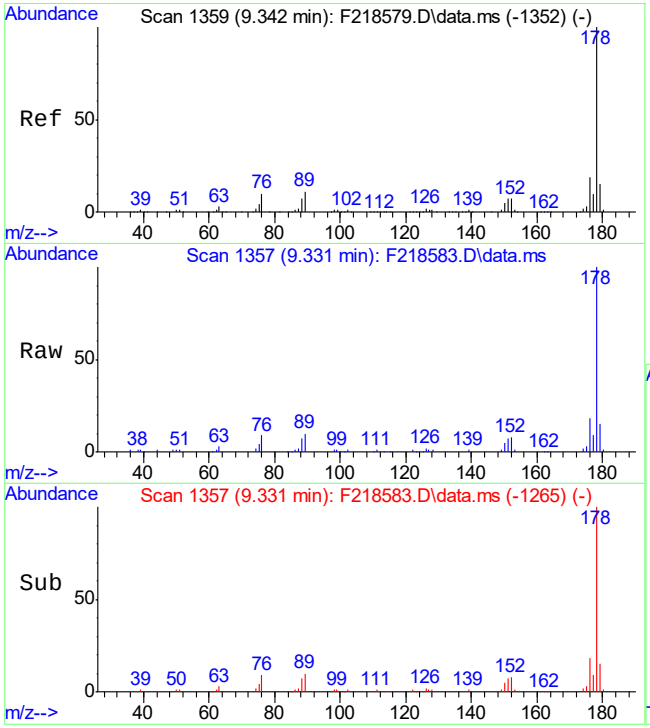


#77
Phenanthrene
Concen: 10.96 ppm
RT: 9.251 min Scan# 1342
Delta R.T. -0.005 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:178 Resp: 68521

Ion	Ratio	Lower	Upper
178	100		
179	15.0	0.0	45.2
176	20.5	0.0	48.7

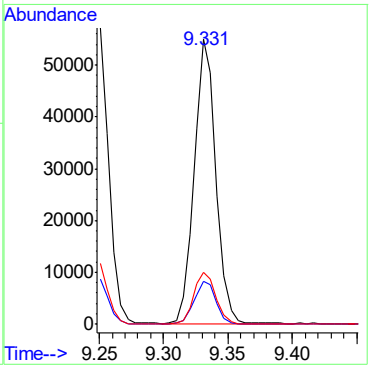


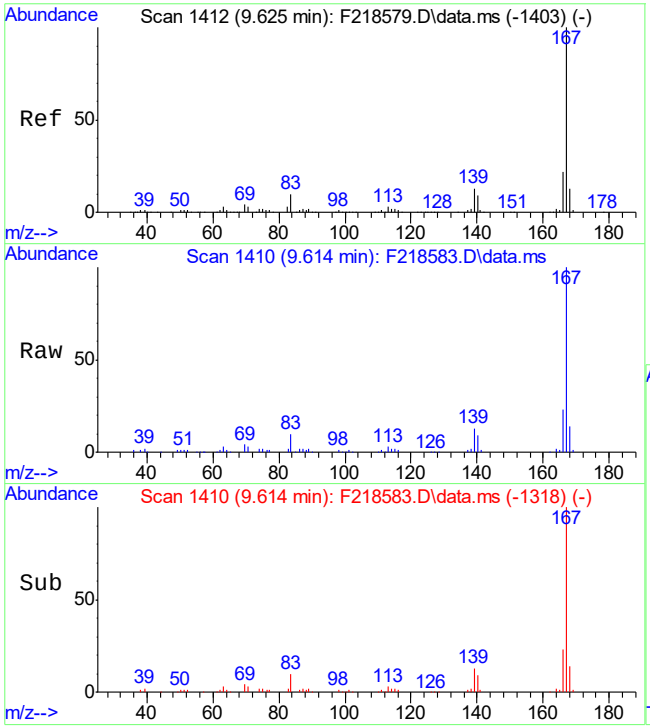


#78
Anthracene
Concen: 10.43 ppm
RT: 9.331 min Scan# 1357
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:178 Resp: 65274

Ion	Ratio	Lower	Upper
178	100		
179	15.2	0.0	45.2
176	18.3	0.0	48.6

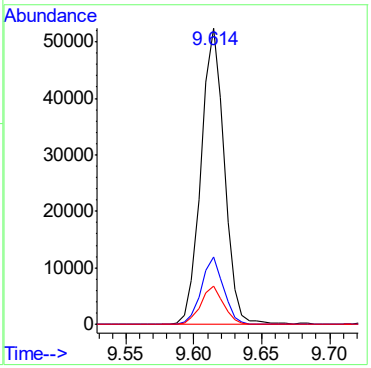


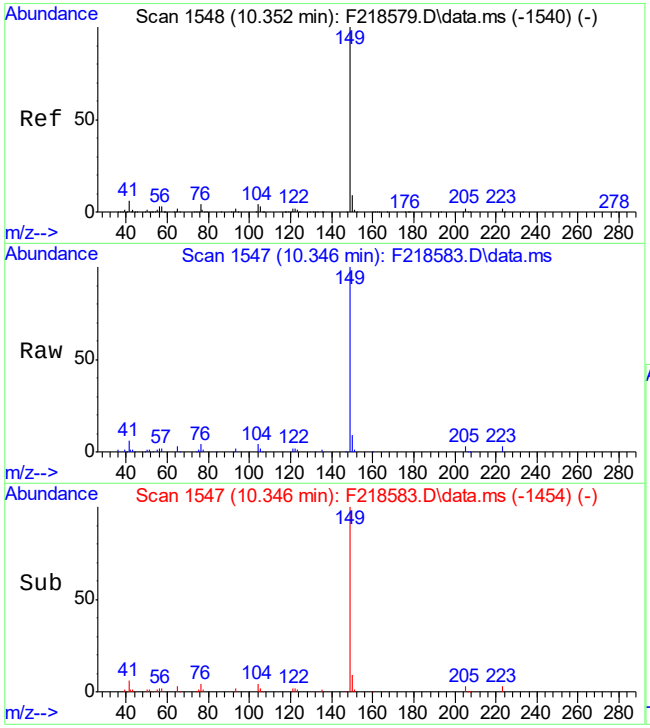


#79
Carbazole
Concen: 10.82 ppm
RT: 9.614 min Scan# 1410
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:167 Resp: 62547

Ion	Ratio	Lower	Upper
167	100		
166	22.9	0.0	52.1
139	13.1	0.0	42.7

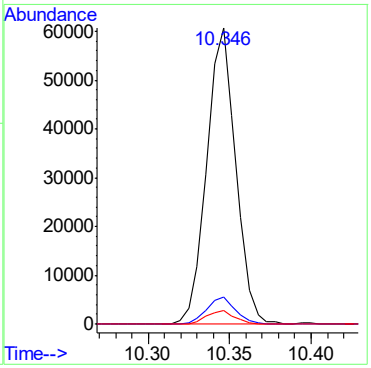


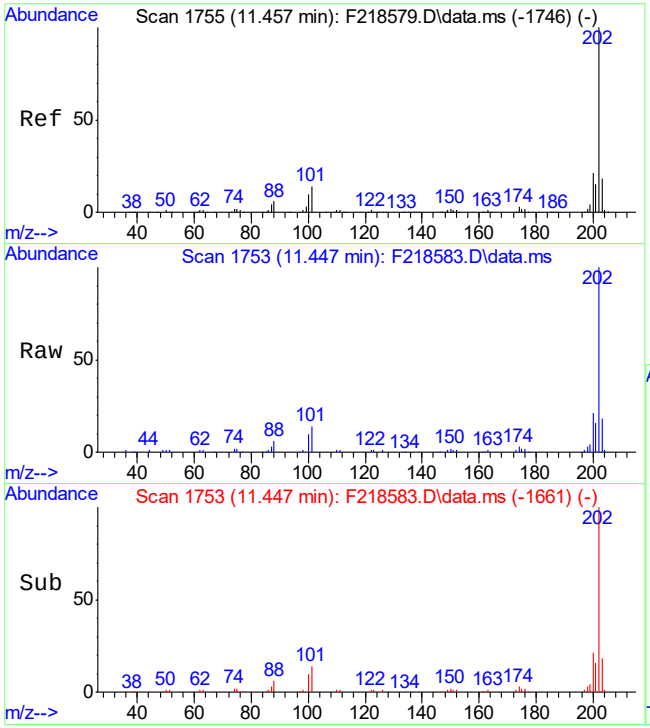


#80
Di-n-butylphthalate
Concen: 10.05 ppm
RT: 10.346 min Scan# 1547
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:149 Resp: 75146

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	39.1
104	4.5	0.0	34.5

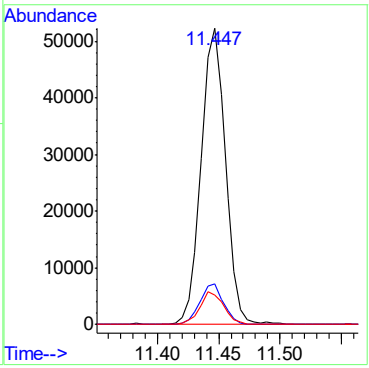


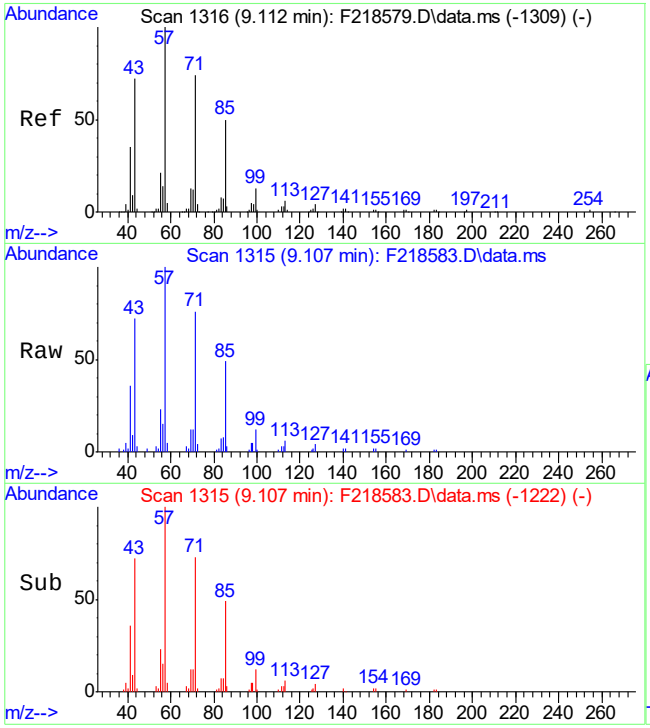


#81
Fluoranthene
Concen: 10.65 ppm
RT: 11.447 min Scan# 1753
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:202 Resp: 71910

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	43.8
100	9.8	0.0	40.4

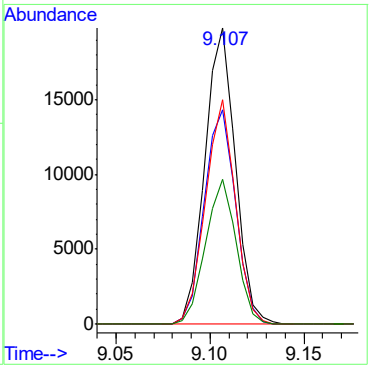


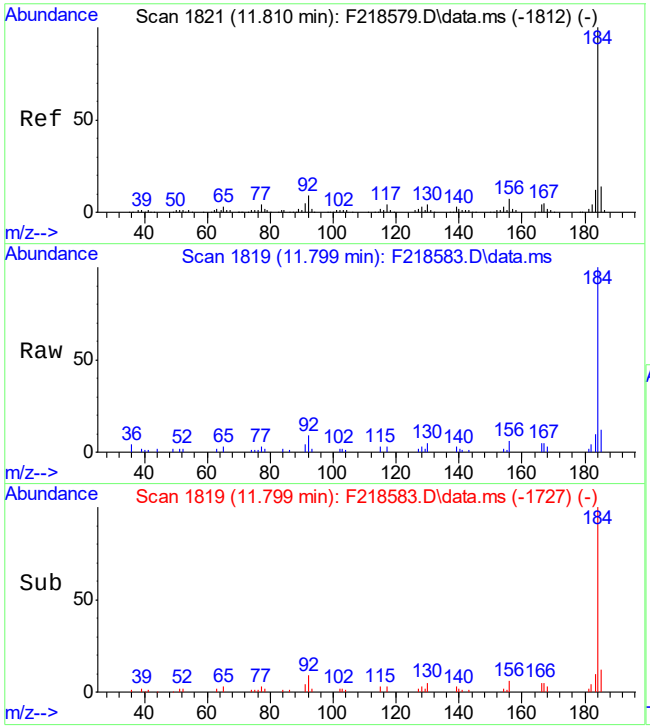


#82
Octadecane
Concen: 9.88 ppm
RT: 9.107 min Scan# 1315
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion: 57 Resp: 22164

Ion	Ratio	Lower	Upper
57	100		
43	72.3	42.0	102.0
71	75.9	43.7	103.7
85	48.9	20.3	80.3

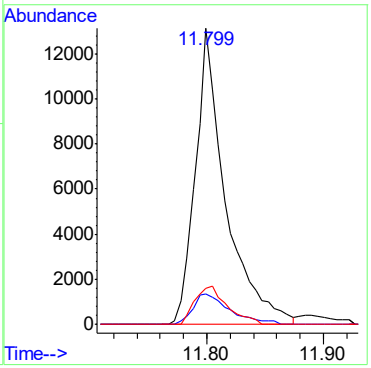


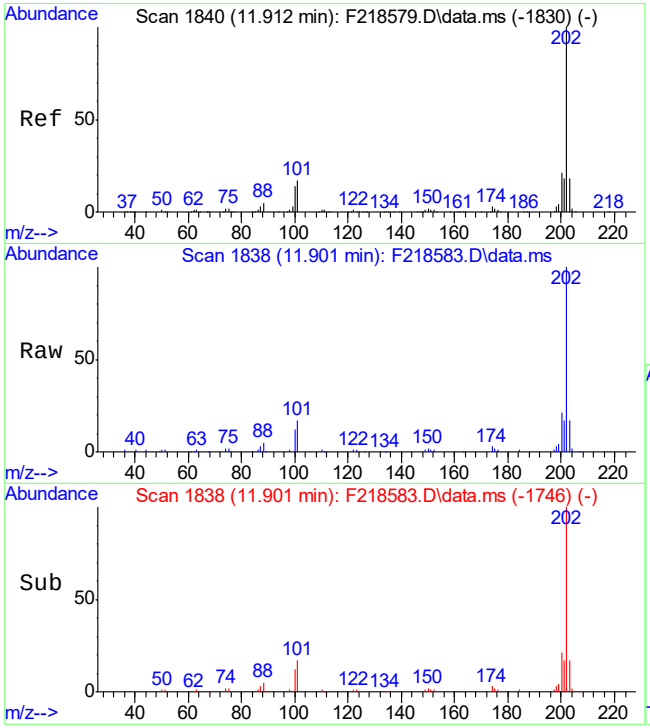


#84
Benzidine
Concen: 6.21 ppm
RT: 11.799 min Scan# 1819
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:184 Resp: 23592

Ion	Ratio	Lower	Upper
184	100		
183	10.4	0.0	61.9
185	12.4	0.0	63.7

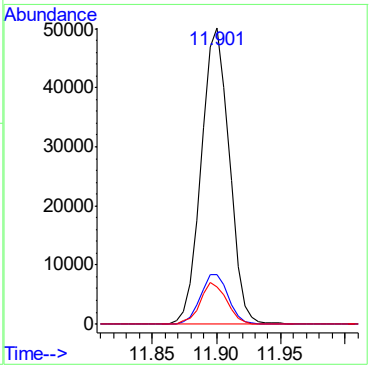


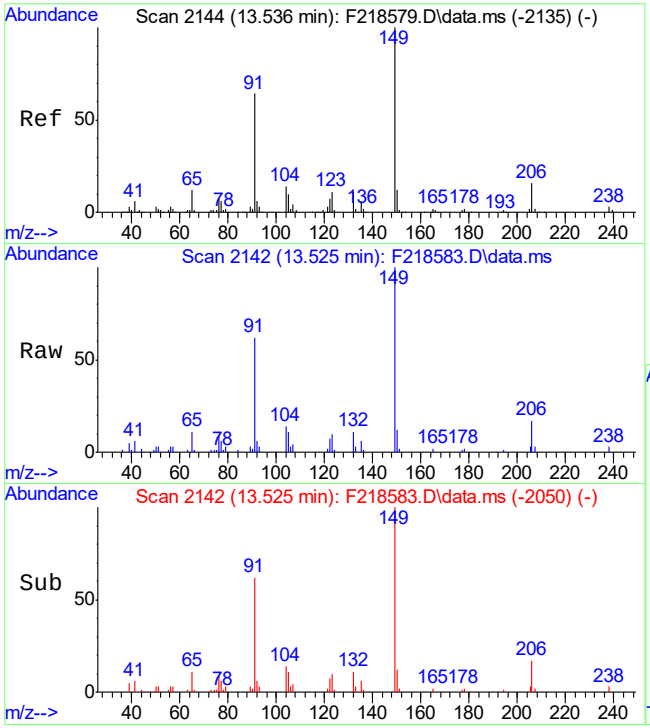


#85
Pyrene
Concen: 11.16 ppm
RT: 11.901 min Scan# 1838
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:202 Resp: 75771

Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	46.8
100	12.5	0.0	44.1

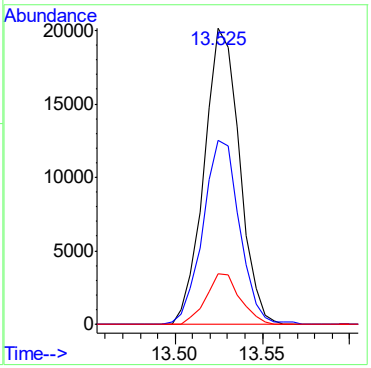


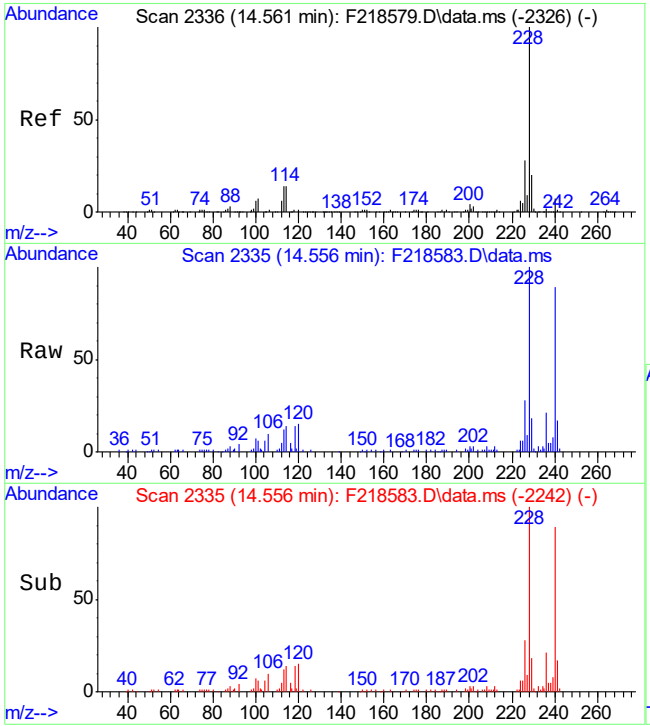


#87
Butylbenzylphthalate
Concen: 9.20 ppm
RT: 13.525 min Scan# 2142
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:149 Resp: 28368

Ion	Ratio	Lower	Upper
149	100		
91	61.7	34.1	94.1
206	17.0	0.0	46.0

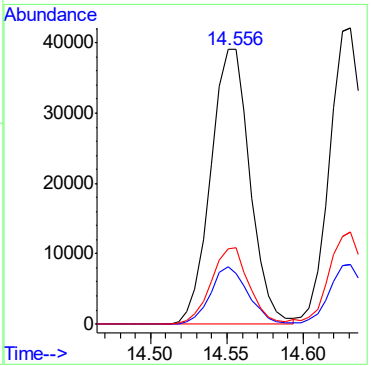


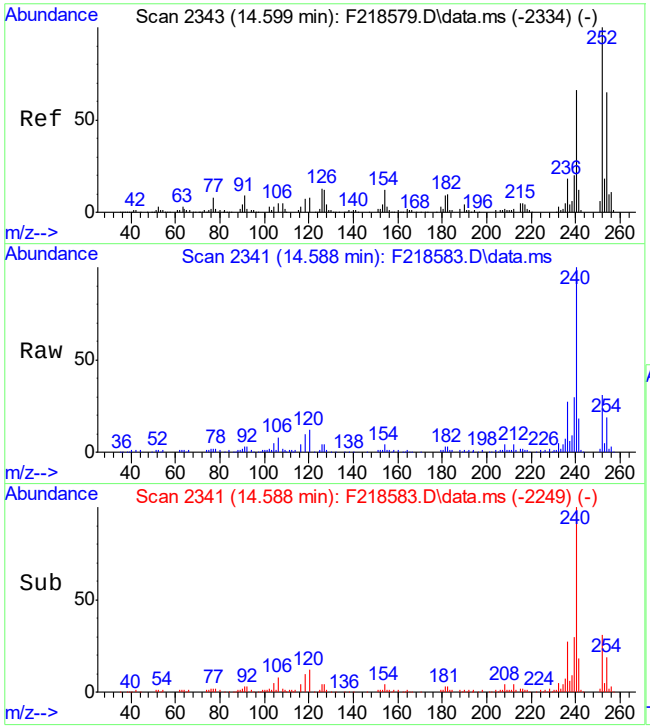


#88
Benzo[a]anthracene
Concen: 10.72 ppm
RT: 14.556 min Scan# 2335
Delta R.T. -0.005 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:228 Resp: 69957

Ion	Ratio	Lower	Upper
228	100		
229	18.4	0.0	50.4
226	27.2	0.0	57.6

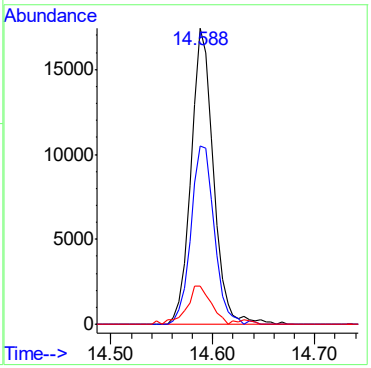


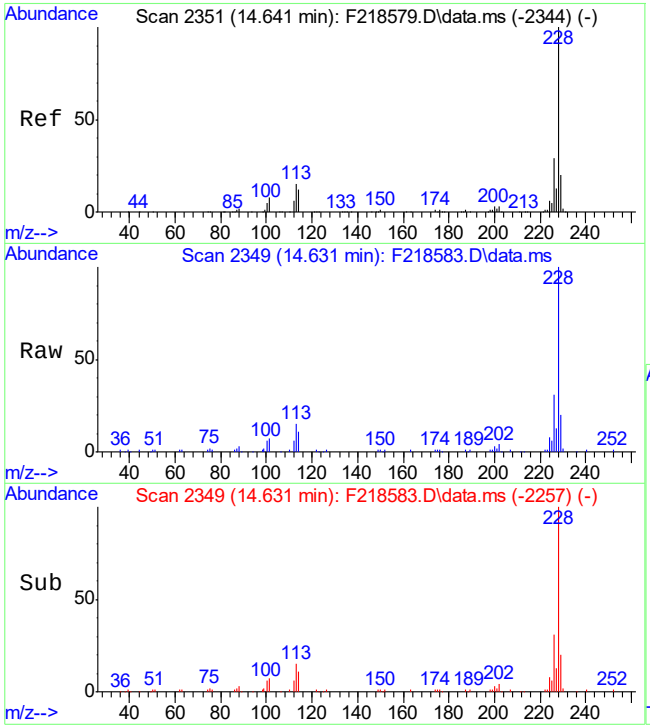


#89
3,3'-Dichlorobenzidine
Concen: 10.15 ppm
RT: 14.588 min Scan# 2341
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:252 Resp: 26606

Ion	Ratio	Lower	Upper
252	100		
254	60.3	34.6	94.6
126	13.1	0.0	43.3

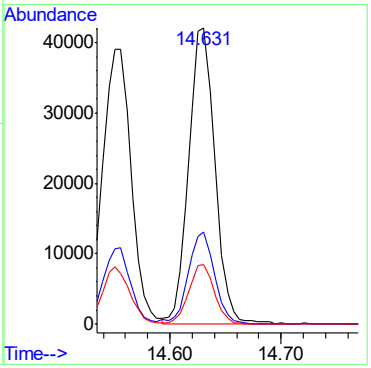


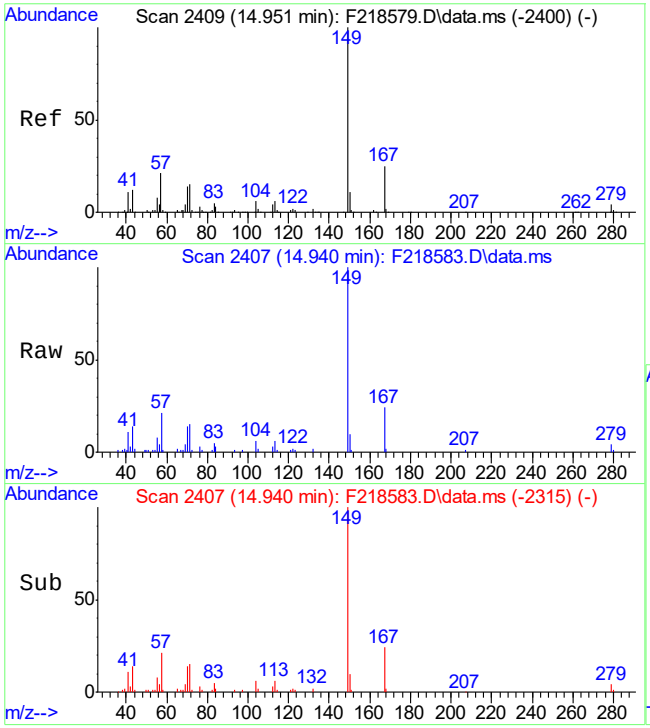


#90
Chrysene
Concen: 10.87 ppm
RT: 14.631 min Scan# 2349
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:228 Resp: 69025

Ion	Ratio	Lower	Upper
228	100		
226	30.6	0.0	58.8
229	20.0	0.0	49.7

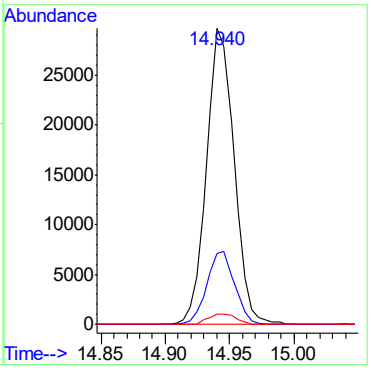


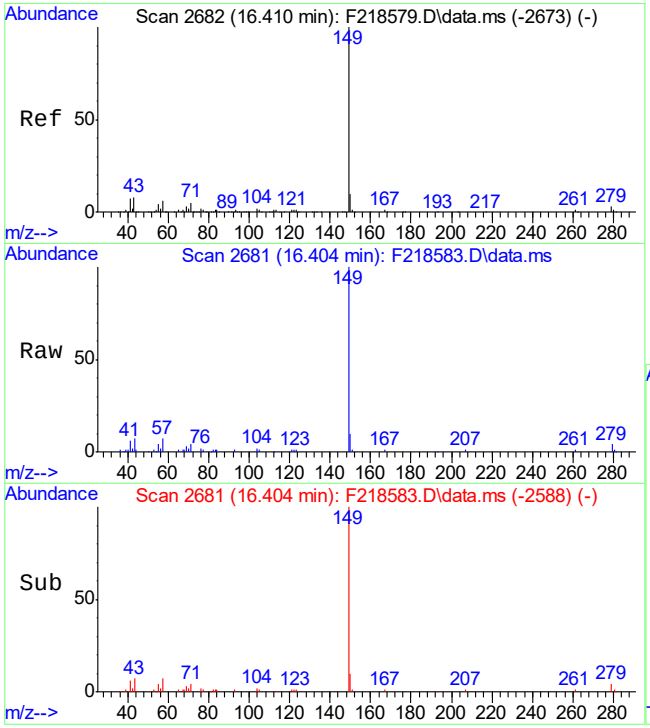


#91
bis(2-Ethylhexyl)phthalate
Concen: 9.35 ppm
RT: 14.940 min Scan# 2407
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:149 Resp: 43948

Ion	Ratio	Lower	Upper
149	100		
167	23.9	0.0	55.1
279	3.6	0.0	33.8

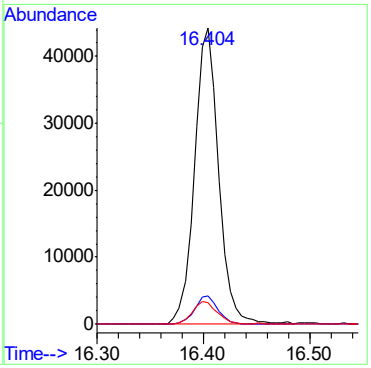


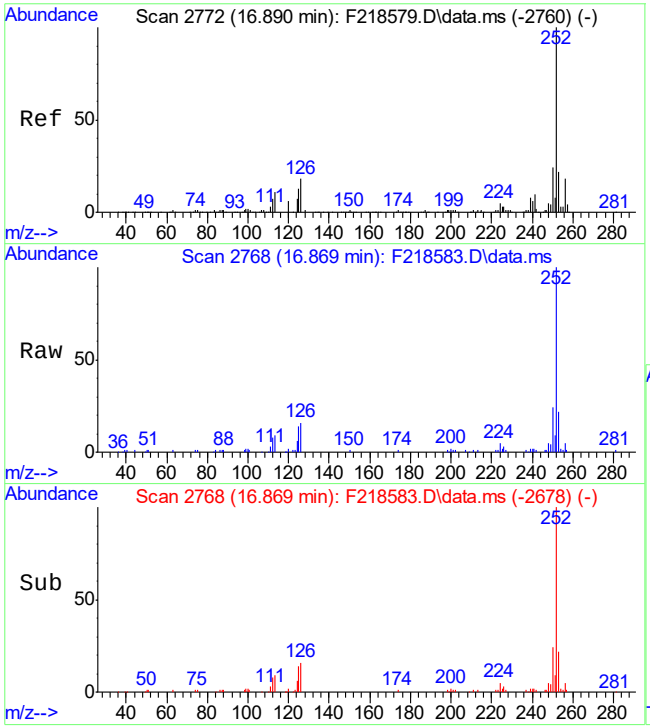


#93
Di-n-octylphthalate
Concen: 8.42 ppm
RT: 16.404 min Scan# 2681
Delta R.T. -0.006 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:149 Resp: 70066

Ion	Ratio	Lower	Upper
149	100		
150	9.5	0.0	39.5
43	7.4	0.0	37.6

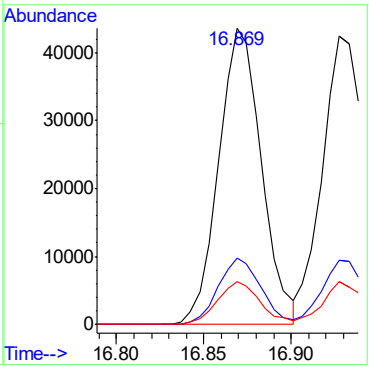


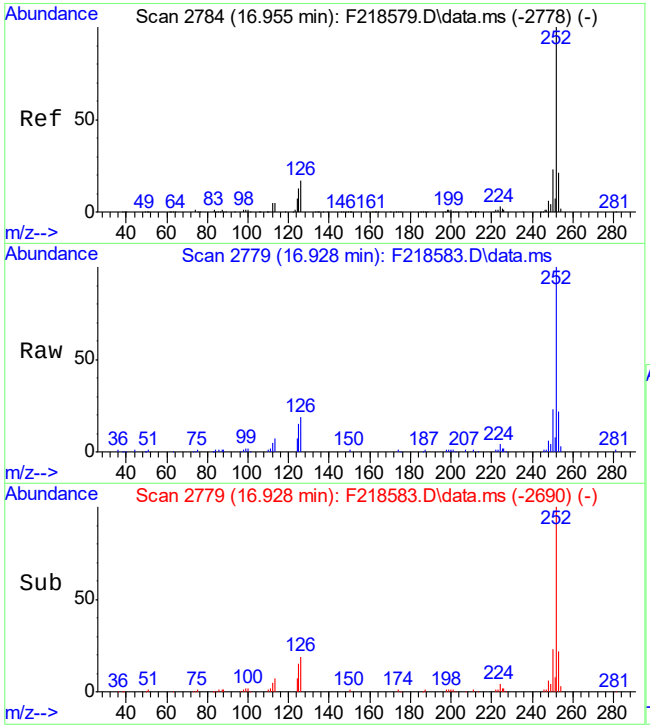


#94
Benzo[b]fluoranthene
Concen: 9.85 ppm
RT: 16.869 min Scan# 2768
Delta R.T. -0.022 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:252 Resp: 74299

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	51.6
125	14.3	0.0	43.1

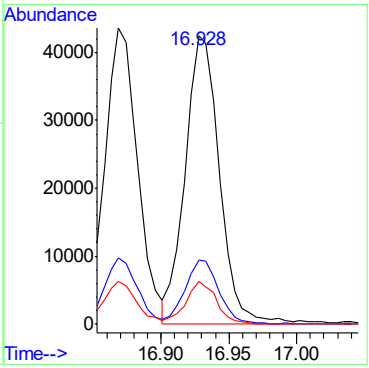


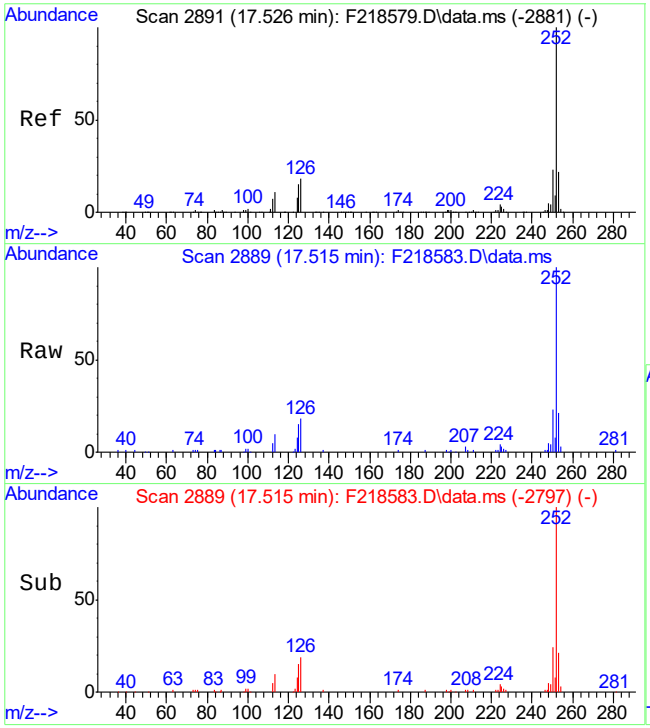


#95
Benzo[k]fluoranthene
Concen: 10.76 ppm
RT: 16.928 min Scan# 2779
Delta R.T. -0.027 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:252 Resp: 74414

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	51.4
125	14.7	0.0	43.5

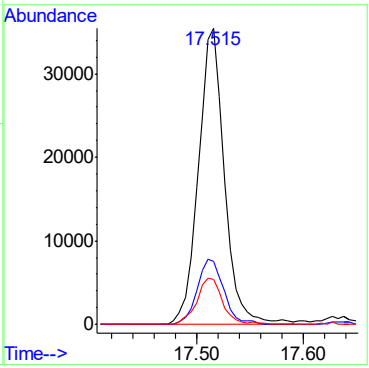


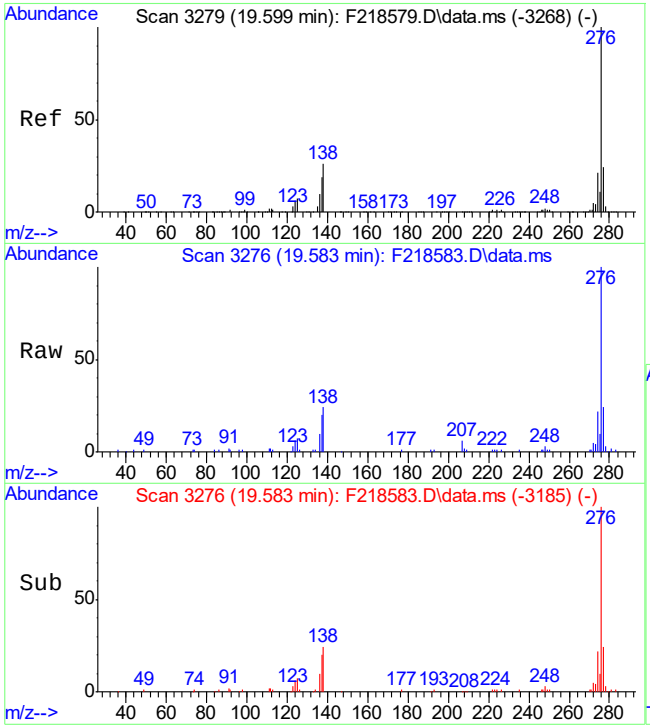


#96
Benzo[a]pyrene
Concen: 9.93 ppm
RT: 17.515 min Scan# 2889
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:252 Resp: 60727

Ion	Ratio	Lower	Upper
252	100		
253	21.4	0.0	51.8
125	15.0	0.0	45.1

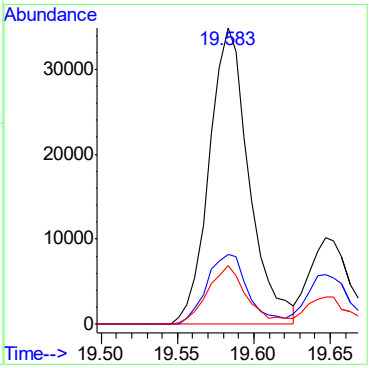


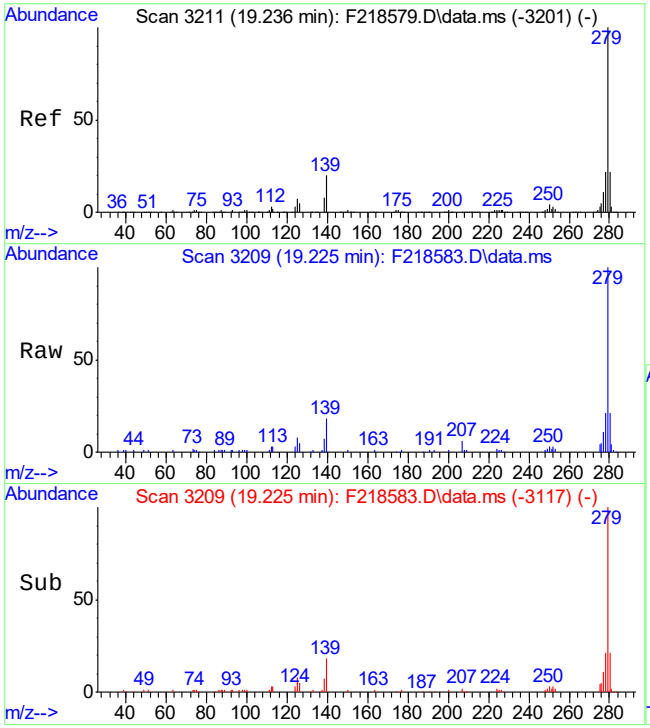


#97
Indeno[1,2,3-cd]pyrene
Concen: 9.84 ppm
RT: 19.583 min Scan# 3276
Delta R.T. -0.016 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:276 Resp: 63183

Ion	Ratio	Lower	Upper
276	100		
138	22.5	0.0	55.9
137	19.4	0.0	49.3

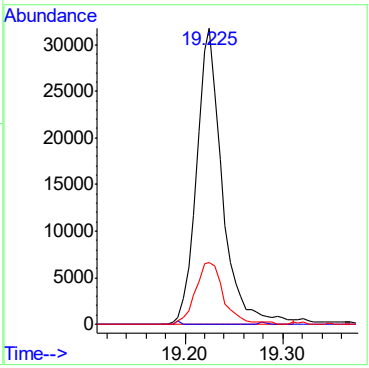


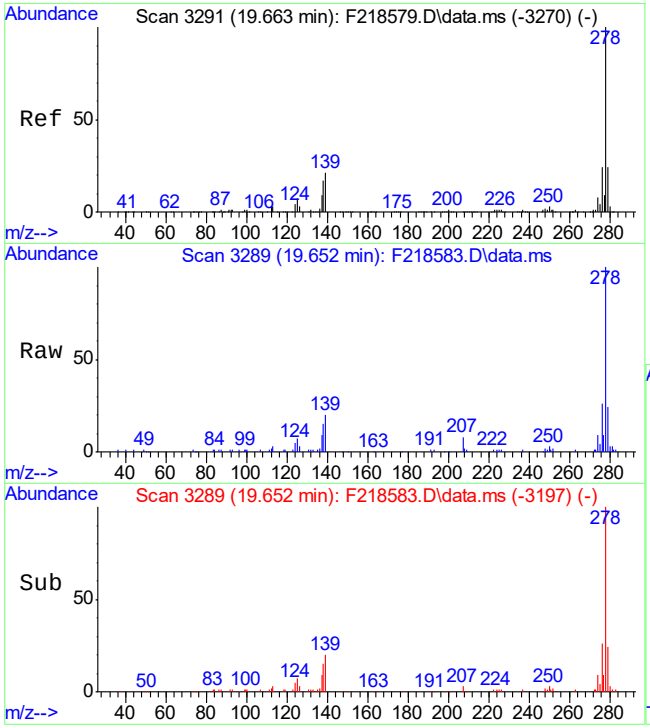


#98
Dibenz(a,h)acridine
Concen: 9.58 ppm
RT: 19.225 min Scan# 3209
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:279 Resp: 57694

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	20.8	0.0	52.5

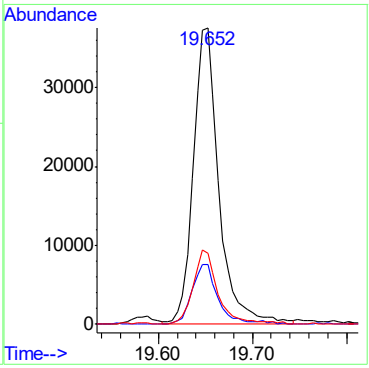


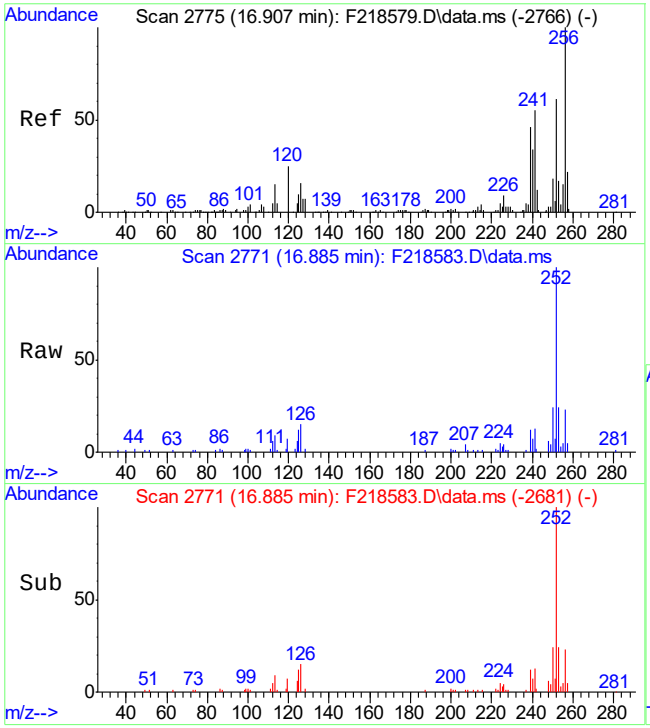


#99
Dibenz[a,h]anthracene
Concen: 9.53 ppm
RT: 19.652 min Scan# 3289
Delta R.T. -0.011 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:278 Resp: 70741

Ion	Ratio	Lower	Upper
278	100		
139	20.4	0.0	50.6
279	23.9	0.0	53.9

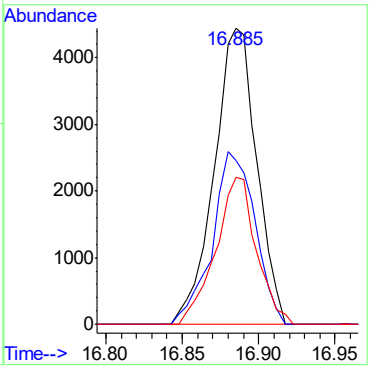


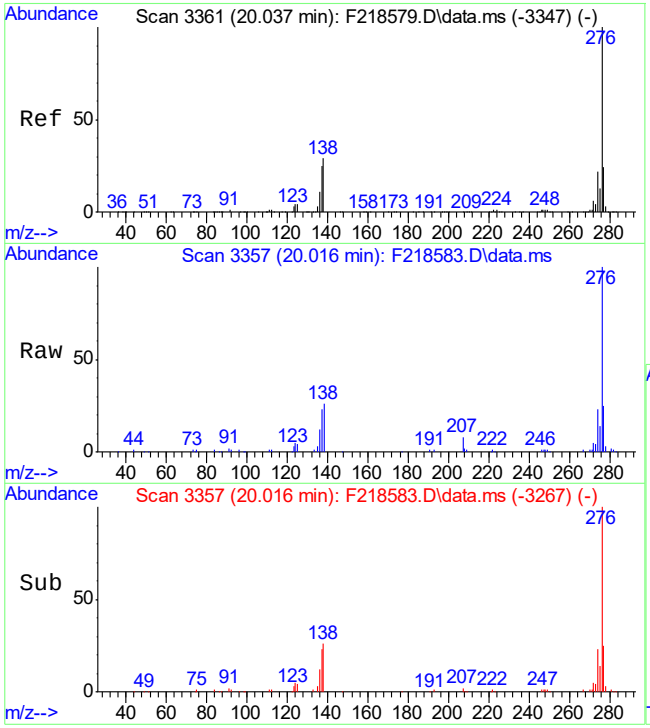


#100
7,12-Dimethylbenz(a)anthracene
Concen: 2.64 ppm
RT: 16.885 min Scan# 2771
Delta R.T. -0.022 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:256 Resp: 8602

Ion	Ratio	Lower	Upper
256	100		
241	55.2	24.8	84.8
239	49.6	16.4	76.4

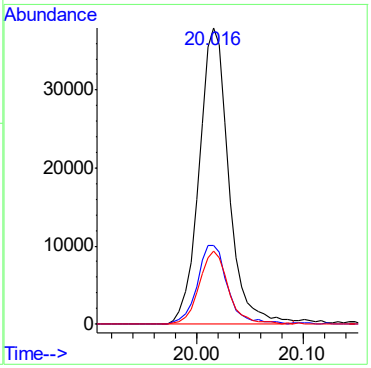




#101
Benzo[g,h,i]perylene
Concen: 10.12 ppm
RT: 20.016 min Scan# 3357
Delta R.T. -0.022 min
Lab File: F218583.D
Acq: 24 Jan 2024 1:28 pm

Tgt Ion:276 Resp: 73977

Ion	Ratio	Lower	Upper
276	100		
138	26.3	0.0	58.6
277	24.7	0.0	53.9



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218584.D
Acq On : 24 Jan 2024 1:53 pm
Operator : ninap
Sample : ic9690-25
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 25 10:13:36 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	78437	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	296427	40.00	ppm	0.00
46) Acenaphthene-d10	7.242	164	158092	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	290865	40.00	ppm	0.00
83) Chrysene-d12	14.577	240	266686	40.00	ppm	-0.01
92) Perylene-d12	17.638	264	319260	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	78437	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	296427	40.00	ppm	0.00
121) Acenaphthene-d10A	7.242	164	158092	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	290865	40.00	ppm	0.00
147) Chrysene-d12A	14.577	240	266686	40.00	ppm	-0.01
154) Perylene-d12A	17.638	264	319260	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	78437	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	290865	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	296427	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	296427	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	78437	40.00	ppm	0.00
169) Chrysene-d12c	14.577	240	266686	40.00	ppm	-0.01
171) Chrysene-d12d	14.577	240	266686	40.00	ppm	-0.01
173) Naphthalene-d8d	5.757	136	296427	40.00	ppm	0.00
175) Chrysene-d12e	14.577	240	266686	40.00	ppm	-0.01
177) Perylene-d12b	17.638	264	319260	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	296427	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.957	112	47600	22.50	ppm	0.00
Spiked Amount 50.000			Recovery = 45.00%			
8) Phenol-d5	4.587	99	55963	22.37	ppm	0.00
Spiked Amount 50.000			Recovery = 44.74%			
25) Nitrobenzene-d5	5.250	82	49343	23.01	ppm	0.00
Spiked Amount 50.000			Recovery = 46.02%			
51) 2-Fluorobiphenyl	6.591	172	118777	23.78	ppm	0.00
Spiked Amount 50.000			Recovery = 47.56%			
73) 2,4,6-Tribromophenol	8.172	330	19567	22.48	ppm	-0.01
Spiked Amount 50.000			Recovery = 44.96%			
86) Terphenyl-d14	12.344	244	142230	22.75	ppm	0.00
Spiked Amount 50.000			Recovery = 45.50%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.830	88	20146	22.90	ppm	95
3) Pyridine	3.075	79	53650	21.71	ppm	100
4) N-Nitrosodimethylamine	3.038	42	17595	23.37	ppm	99
6) Indene	5.047	116	88957	23.13	ppm	99
7) Cumene	4.325	105	110022	22.83	ppm	99
9) Phenol	4.598	94	61829	22.80	ppm	96
10) Aniline	4.635	93	76558	22.37	ppm	96
11) bis(2-Chloroethyl)ether	4.678	93	47729	23.42	ppm	98
12) 2-Chlorophenol	4.715	128	54495	23.20	ppm	96
13) Decane	4.742	43	45559	23.25	ppm	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218584.D
Acq On : 24 Jan 2024 1:53 pm
Operator : ninap
Sample : ic9690-25
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 25 10:13:36 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
14) 1,3-Dichlorobenzene	4.828	146	62979	23.23	ppm		98
15) 1,4-Dichlorobenzene	4.881	146	65301	23.43	ppm		99
16) Benzyl alcohol	4.951	108	32634	21.75	ppm		94
17) 1,2-Dichlorobenzene	4.983	146	60873	23.12	ppm		99
18) Acetophenone	5.143	105	74370	22.72	ppm		97
19) 2-Methylphenol	5.020	108	45909	22.24	ppm		96
20) 2,2'-oxybis(1-Chloropr...	5.047	121	14635	22.70	ppm		88
21) 3&4-Methylphenol	5.127	108	98234	45.21	ppm		100
22) n-Nitroso-di-n-propyla...	5.138	70	35224	22.53	ppm		97
23) Hexachloroethane	5.223	201	21685	23.44	ppm		93
26) Nitrobenzene	5.260	77	50425	22.67	ppm		96
27) Quinoline	6.019	129	100686	22.68	ppm		98
28) Isophorone	5.426	82	91997	23.06	ppm		99
29) 2-Nitrophenol	5.485	139	23396	21.71	ppm		90
30) 2,4-Dimethylphenol	5.501	107	51716	23.39	ppm		100
31) Benzoic acid	5.554	105	25139	16.01	ppm	#	50
32) bis(2-Chloroethoxy)met...	5.570	93	58349	22.63	ppm		98
33) 2,4-Dichlorophenol	5.650	162	44726	23.49	ppm		97
34) 2,6-Dichlorophenol	5.811	162	44773	23.31	ppm		98
35) 1,3,5-Trichlorobenzene	5.490	180	55185	24.46	ppm		99
36) 1,2,4-Trichlorobenzene	5.714	180	51345	23.73	ppm		95
37) 1,2,3-Trichlorobenzene	5.875	180	50233	23.73	ppm		96
38) Naphthalene	5.773	128	162371	23.37	ppm		99
39) 4-Chloroaniline	5.805	127	67348	22.68	ppm		96
40) 2,3-Dichloroaniline	6.516	161	51850	22.94	ppm		97
41) Hydroquinone	6.035	110	40555	20.45	ppm		97
42) Hexachlorobutadiene	5.853	225	29429	24.44	ppm		96
43) 4-Chloro-3-methylphenol	6.147	107	40258	23.02	ppm		96
44) 2-Methylnaphthalene	6.286	141	94355	23.80	ppm		99
45) 1-Methylnaphthalene	6.366	142	100954	24.11	ppm		97
47) Hexachlorocyclopentadiene	6.409	237	46390	46.31	ppm		99
48) 1,2,4,5-tetrachloroben...	6.420	216	49521	23.57	ppm		98
49) 2,4,6-Trichlorophenol	6.510	196	30238	23.02	ppm		99
50) 2,4,5-Trichlorophenol	6.543	196	34534	23.71	ppm		99
52) 2-Chloronaphthalene	6.697	162	100480	23.54	ppm		100
53) Biphenyl	6.681	154	130033	23.79	ppm		99
54) 2-Nitroaniline	6.788	65	21008	21.27	ppm		96
55) Dimethylphthalate	6.959	163	110312	23.79	ppm		100
56) Acenaphthylene	7.093	152	128592	25.10	ppm		99
57) 2,6-Dinitrotoluene	7.018	165	20114	21.76	ppm		98
58) 3-Nitroaniline	7.194	138	24635	21.78	ppm		92
59) Acenaphthene	7.274	153	112173	24.03	ppm		98
60) 2,4-Dinitrophenol	7.296	184	15835	36.86	ppm		77
61) 4-Nitrophenol	7.344	109	11714	21.75	ppm		96
62) Dibenzofuran	7.461	168	140914	23.52	ppm		99
63) 2,4-Dinitrotoluene	7.440	165	26379	21.39	ppm		99
64) 2,3,4,6-Tetrachlorophenol	7.595	232	25263	21.95	ppm		96
65) Diethylphthalate	7.728	149	110182	23.37	ppm		99
66) Fluorene	7.867	166	112698	23.70	ppm		99
67) 4-Chlorophenyl-phenyle...	7.867	204	51694	23.52	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218584.D
Acq On : 24 Jan 2024 1:53 pm
Operator : ninap
Sample : ic9690-25
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 25 10:13:36 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	4-Nitroaniline	7.889	138	26750	22.29	ppm	98
70)	4,6-Dinitro-2-methylph...	7.926	198	10378	19.29	ppm	96
71)	n-Nitrosodiphenylamine	8.017	169	92849	23.27	ppm	99
72)	1,2-Diphenylhydrazine	8.076	77	101913	22.62	ppm	98
74)	4-Bromophenyl-phenylether	8.535	248	31491	22.76	ppm	97
75)	Hexachlorobenzene	8.605	284	39815	23.24	ppm	97
76)	Pentachlorophenol	8.904	266	42158	41.57	ppm	99
77)	Phenanthrene	9.251	178	164356	23.35	ppm	100
78)	Anthracene	9.336	178	163887	23.25	ppm	100
79)	Carbazole	9.614	167	151324	23.24	ppm	100
80)	Di-n-butylphthalate	10.346	149	184944	21.96	ppm	100
81)	Fluoranthene	11.447	202	173429	22.81	ppm	100
82)	Octadecane	9.107	57	56257	22.27	ppm	98
84)	Benzidine	11.805	184	88178	20.12	ppm	98
85)	Pyrene	11.901	202	183190	23.37	ppm	99
87)	Butylbenzylphthalate	13.530	149	74457	20.92	ppm	99
88)	Benzo[a]anthracene	14.556	228	171068	22.72	ppm	98
89)	3,3'-Dichlorobenzidine	14.593	252	63251	20.92	ppm	98
90)	Chrysene	14.631	228	171832	23.46	ppm	99
91)	bis(2-Ethylhexyl)phtha...	14.946	149	114718	21.14	ppm	99
93)	Di-n-octylphthalate	16.404	149	190772	19.21	ppm	100
94)	Benzo[b]fluoranthene	16.874	252	190439	21.15	ppm	98
95)	Benzo[k]fluoranthene	16.939	252	184846	22.39	ppm	98
96)	Benzo[a]pyrene	17.515	252	155694	21.32	ppm	99
97)	Indeno[1,2,3-cd]pyrene	19.588	276	160211	20.89	ppm	99
98)	Dibenz(a,h)acridine	19.225	279	151006	20.99	ppm	98
99)	Dibenz[a,h]anthracene	19.652	278	180528	20.37	ppm	99
100)	7,12-Dimethylbenz(a)an...	16.896	256	74926	19.28	ppm	97
101)	Benzo[g,h,i]perylene	20.021	276	190509	21.83	ppm	98

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

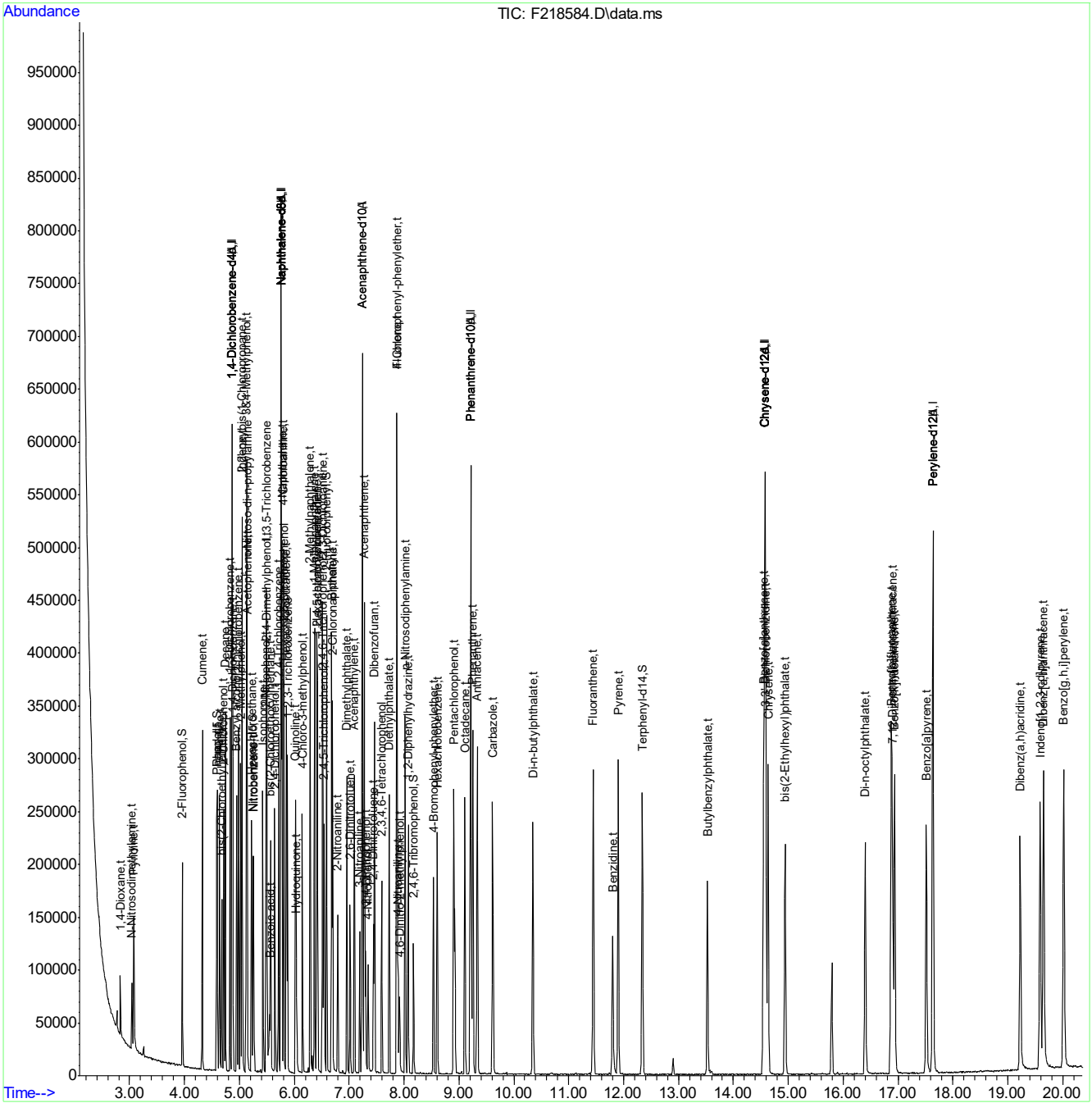
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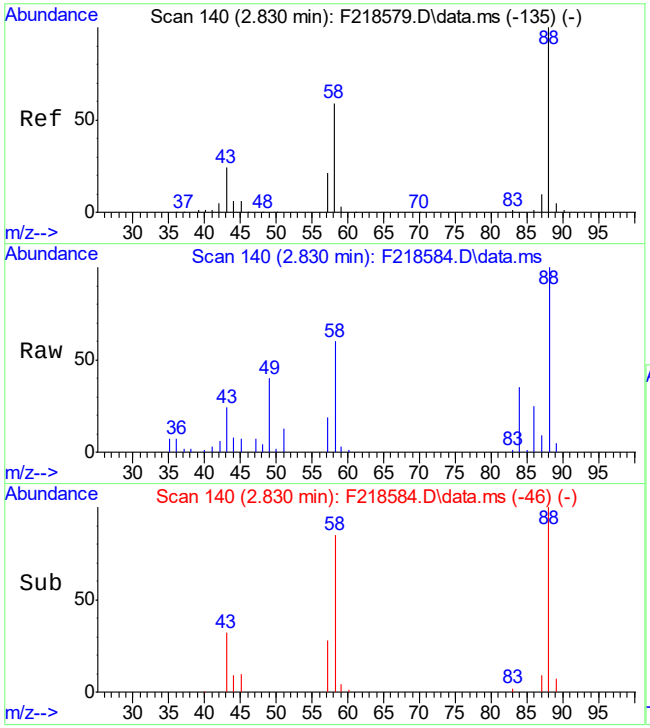
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Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218584.D
Acq On : 24 Jan 2024 1:53 pm
Operator : ninap
Sample : ic9690-25
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 25 10:13:36 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

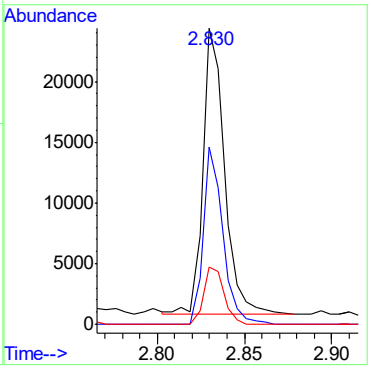


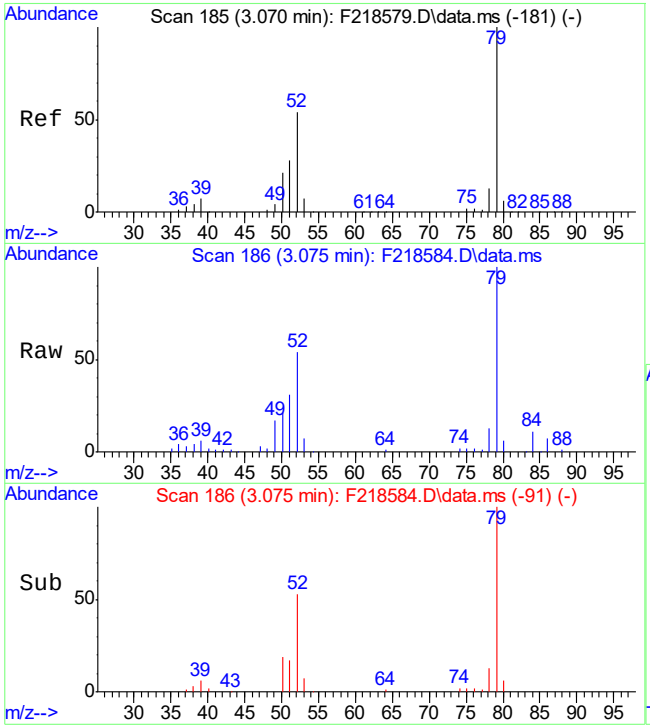


#2
1,4-Dioxane
Concen: 22.90 ppm
RT: 2.830 min Scan# 140
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 88 Resp: 20146

Ion	Ratio	Lower	Upper
88	100		
58	62.1	27.0	87.0
57	20.2	0.0	50.2

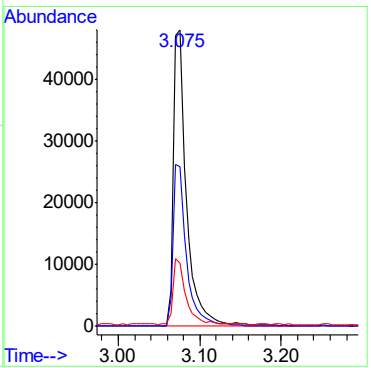


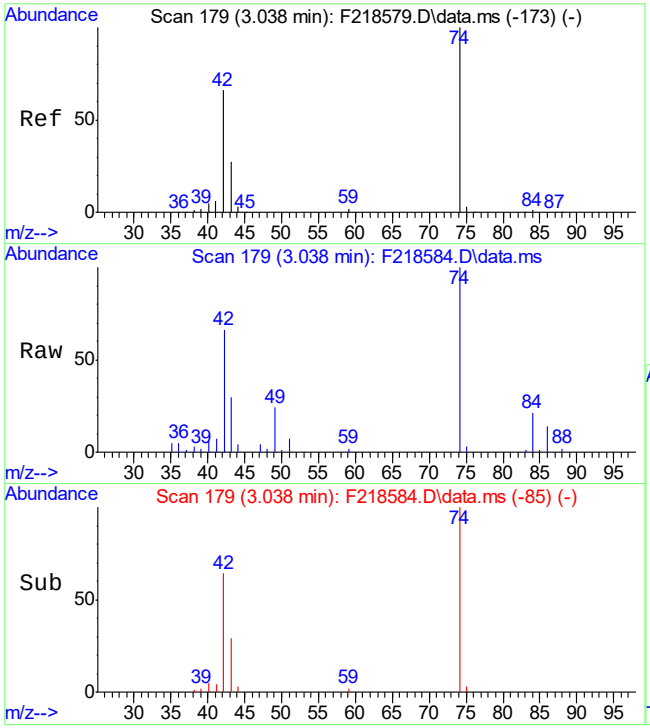


#3
Pyridine
Concen: 21.71 ppm
RT: 3.075 min Scan# 186
Delta R.T. 0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 79 Resp: 53650

Ion	Ratio	Lower	Upper
79	100		
52	53.8	23.7	83.7
50	20.7	0.0	51.1

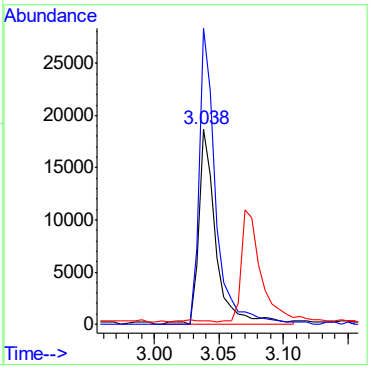


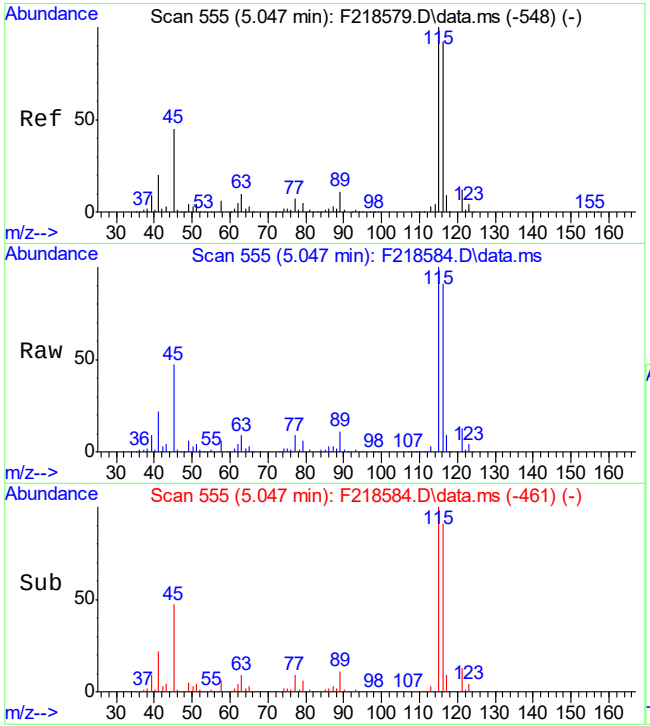


#4
N-Nitrosodimethylamine
Concen: 23.37 ppm
RT: 3.038 min Scan# 179
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 42 Resp: 17595

Ion	Ratio	Lower	Upper
42	100		
74	151.8	120.8	180.8
50	0.0	0.0	30.0

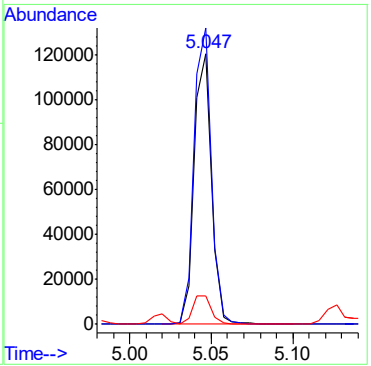


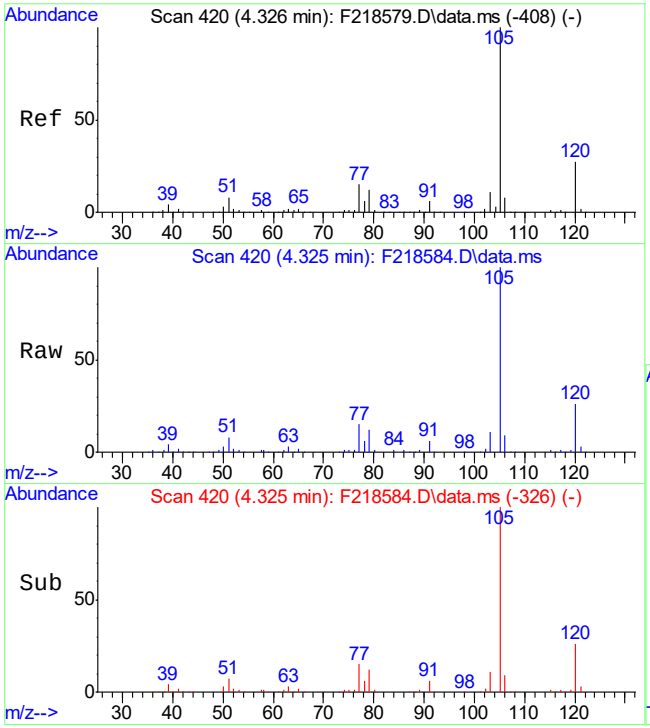


#6
Indene
Concen: 23.13 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:116 Resp: 88957

Ion	Ratio	Lower	Upper
116	100		
115	109.5	79.0	139.0
63	8.3	0.0	41.0

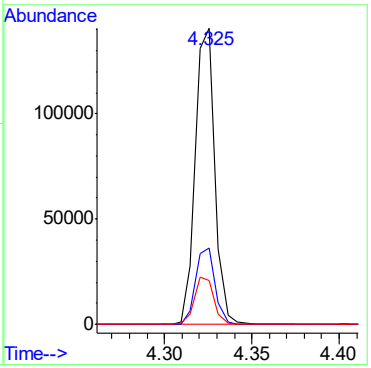


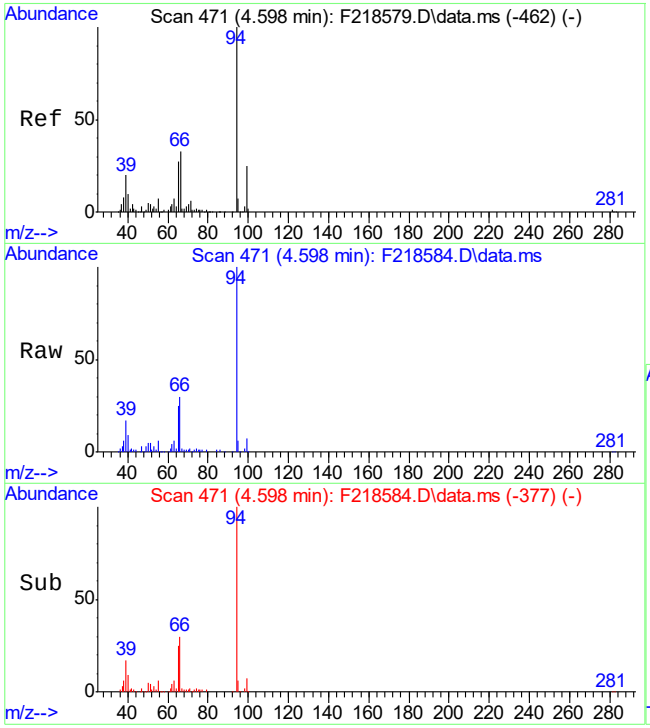


#7
Cumene
Concen: 22.83 ppm
RT: 4.325 min Scan# 420
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:105 Resp: 110022

Ion	Ratio	Lower	Upper
105	100		
120	25.8	0.0	56.8
77	14.7	0.0	44.8

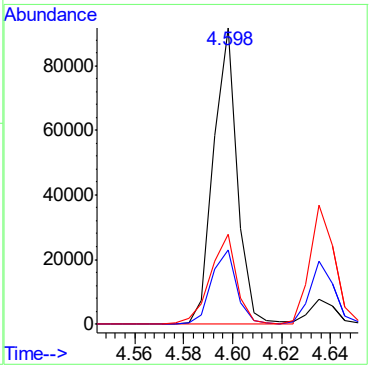


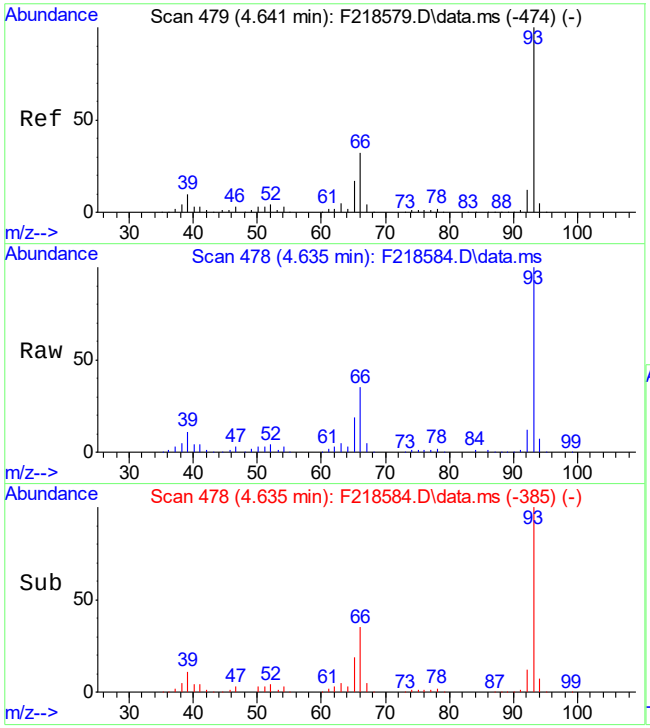


#9
Phenol
Concen: 22.80 ppm
RT: 4.598 min Scan# 471
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 94 Resp: 61829

Ion	Ratio	Lower	Upper
94	100		
65	24.8	0.0	56.8
66	29.8	2.6	62.6

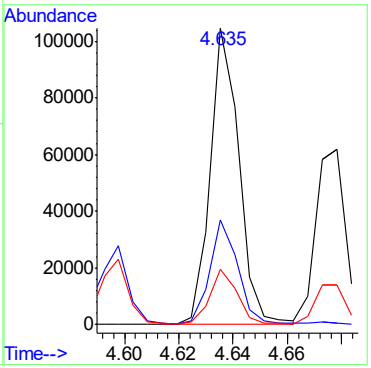


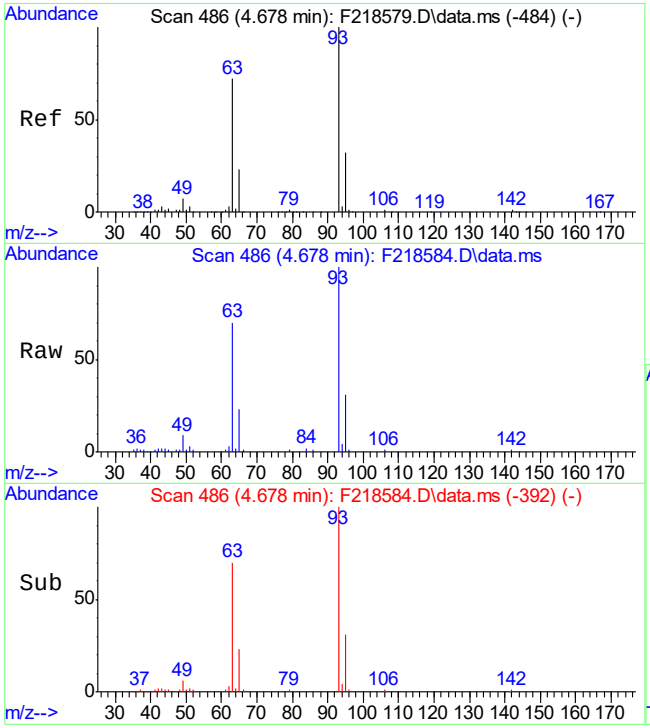


#10
Aniline
Concen: 22.37 ppm
RT: 4.635 min Scan# 478
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 93 Resp: 76558

Ion	Ratio	Lower	Upper
93	100		
66	35.2	2.7	62.7
65	18.5	0.0	47.4

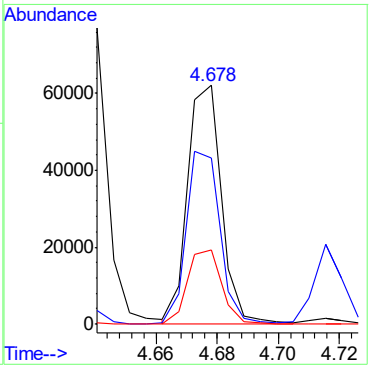


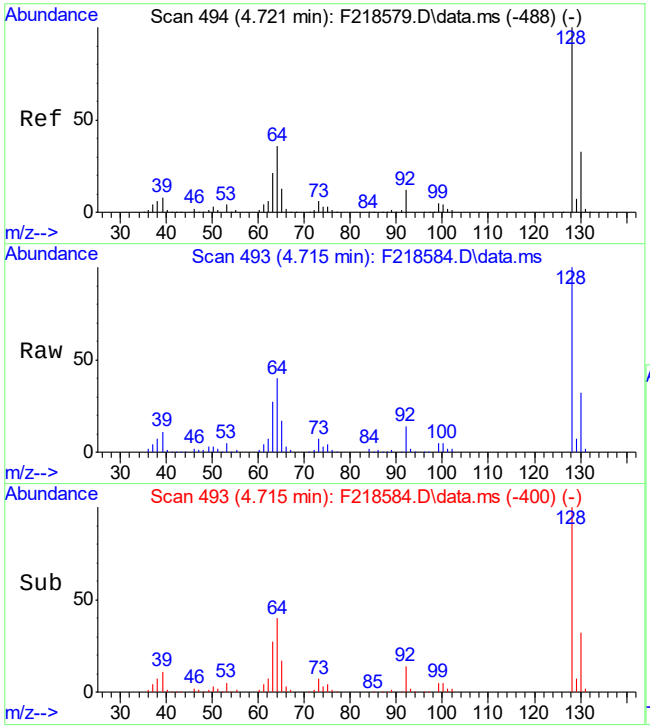


#11
bis(2-Chloroethyl)ether
Concen: 23.42 ppm
RT: 4.678 min Scan# 486
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 93 Resp: 47729

Ion	Ratio	Lower	Upper
93	100		
63	70.0	42.2	102.2
95	31.6	2.1	62.1

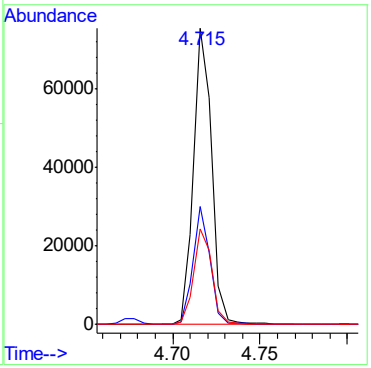


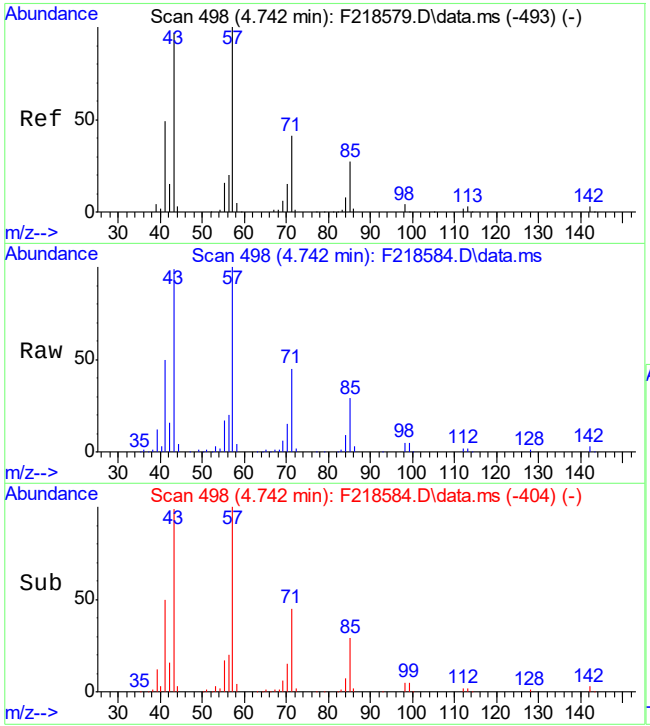


#12
2-Chlorophenol
Concen: 23.20 ppm
RT: 4.715 min Scan# 493
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:128 Resp: 54495

Ion	Ratio	Lower	Upper
128	100		
64	39.7	5.8	65.8
130	32.1	3.0	63.0

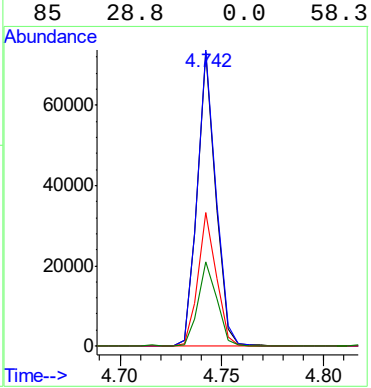


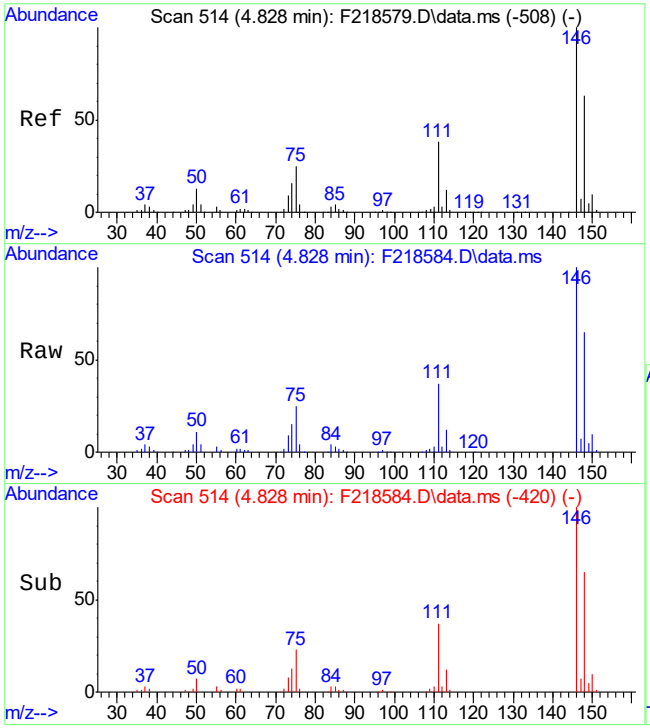


#13
Decane
Concen: 23.25 ppm
RT: 4.742 min Scan# 498
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 43 Resp: 45559

Ion	Ratio	Lower	Upper
43	100		
57	100.8	73.2	133.2
71	45.4	13.0	73.0
85	28.8	0.0	58.3

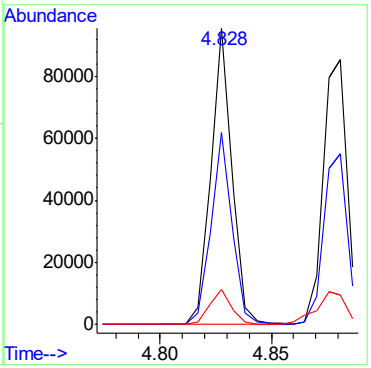


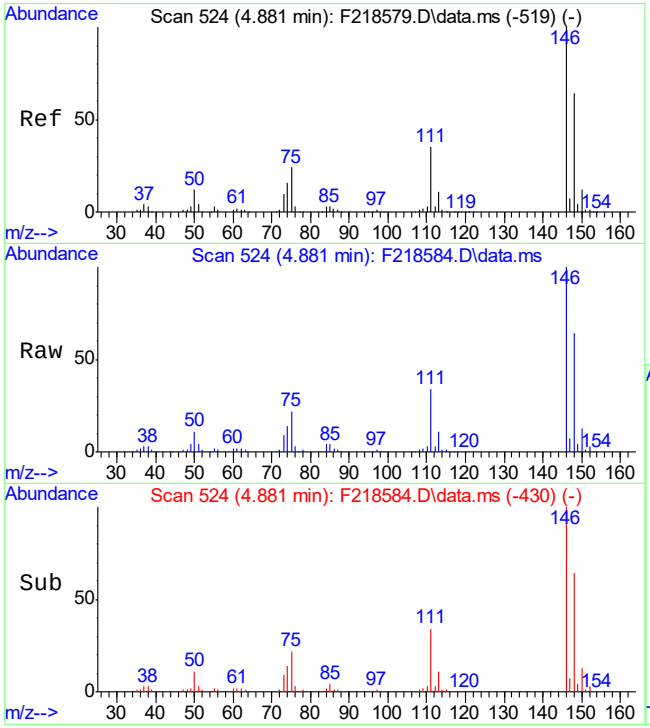


#14
1,3-Dichlorobenzene
Concen: 23.23 ppm
RT: 4.828 min Scan# 514
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:146 Resp: 62979

Ion	Ratio	Lower	Upper
146	100		
148	64.6	32.8	92.8
113	11.3	0.0	41.9

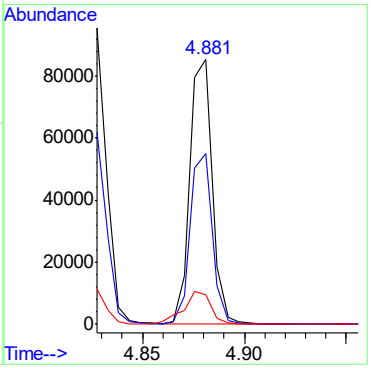


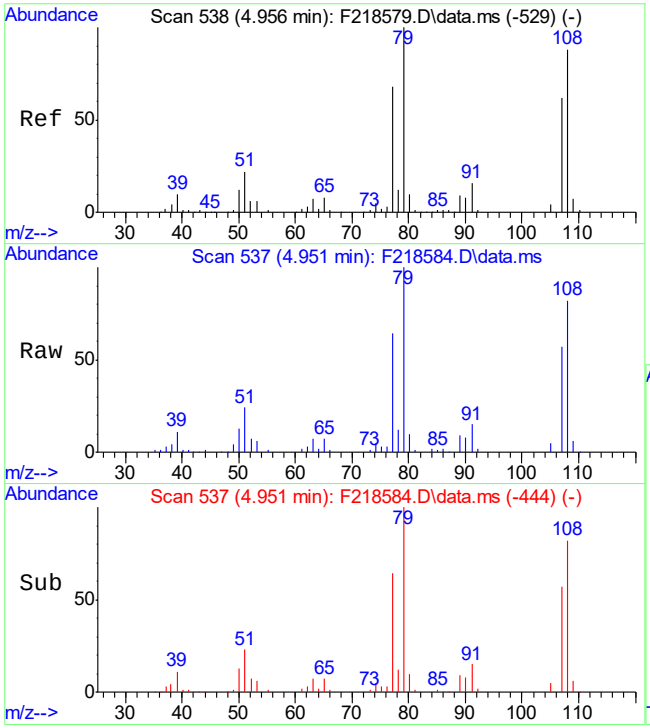


#15
1,4-Dichlorobenzene
Concen: 23.43 ppm
RT: 4.881 min Scan# 524
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:146 Resp: 65301

Ion	Ratio	Lower	Upper
146	100		
148	64.2	33.9	93.9
113	10.5	0.0	41.3

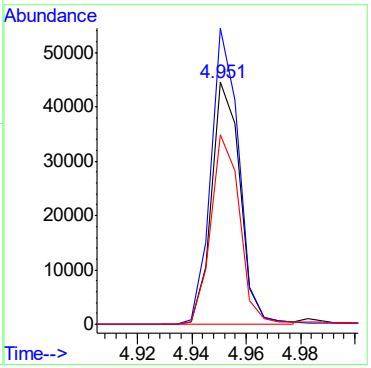


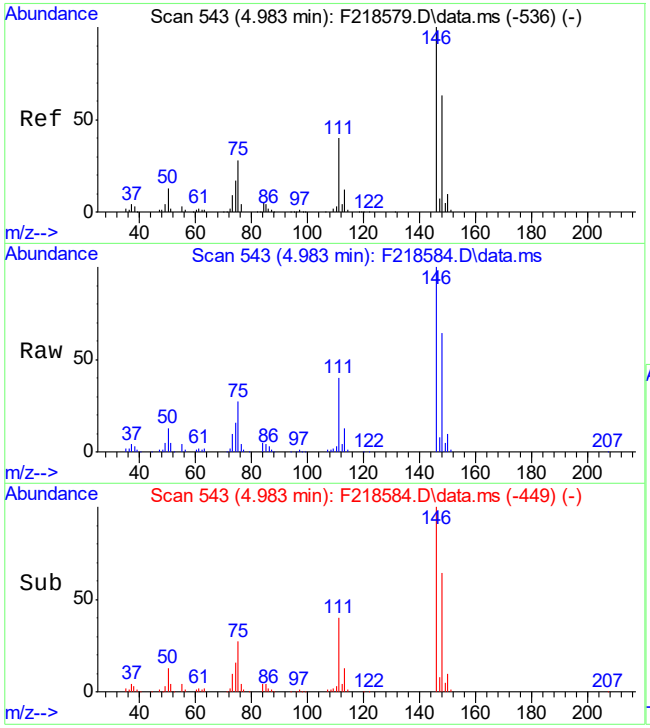


#16
Benzyl alcohol
Concen: 21.75 ppm
RT: 4.951 min Scan# 537
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:108 Resp: 32634

Ion	Ratio	Lower	Upper
108	100		
79	122.5	83.1	143.1
77	78.1	46.9	106.9

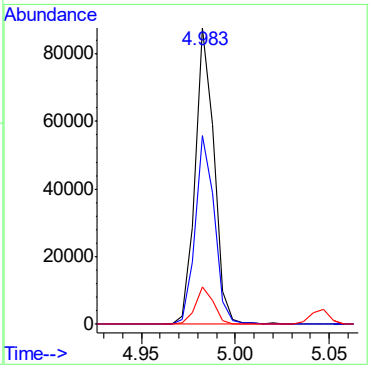


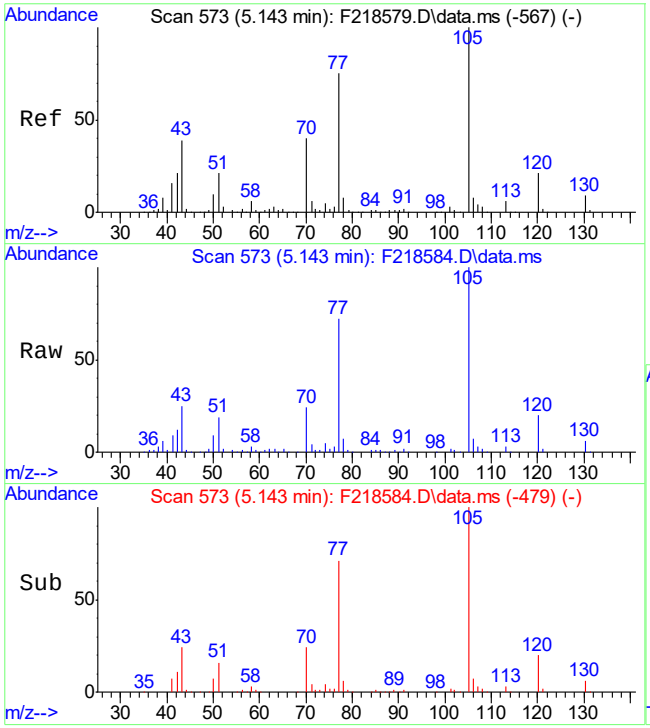


#17
1,2-Dichlorobenzene
Concen: 23.12 ppm
RT: 4.983 min Scan# 543
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:146 Resp: 60873

Ion	Ratio	Lower	Upper
146	100		
148	63.6	32.7	92.7
113	12.5	0.0	42.4

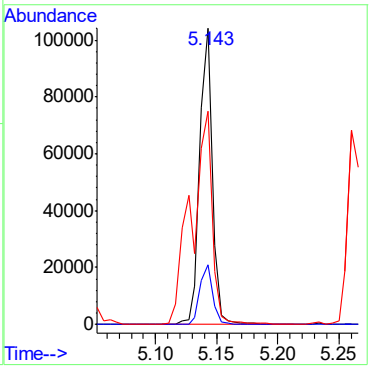


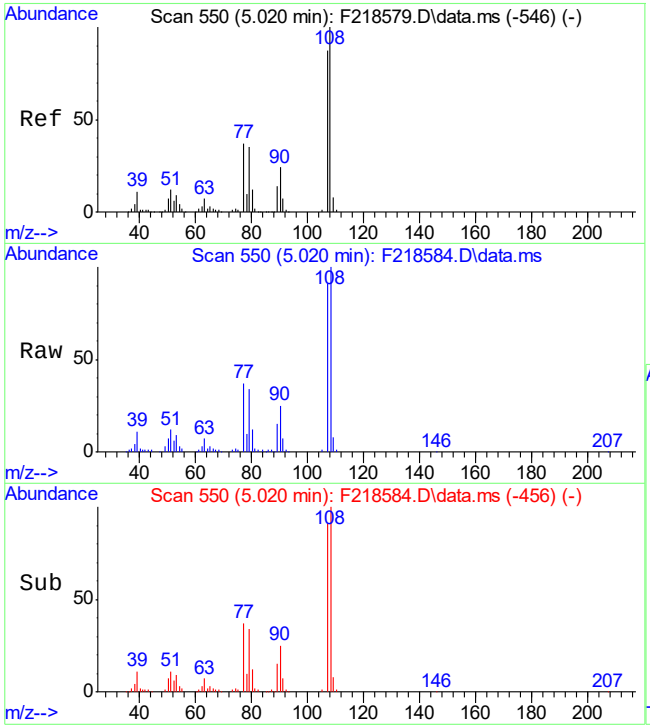


#18
Acetophenone
Concen: 22.72 ppm
RT: 5.143 min Scan# 573
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:105 Resp: 74370

Ion	Ratio	Lower	Upper
105	100		
120	20.1	0.0	50.5
77	71.8	45.3	105.3

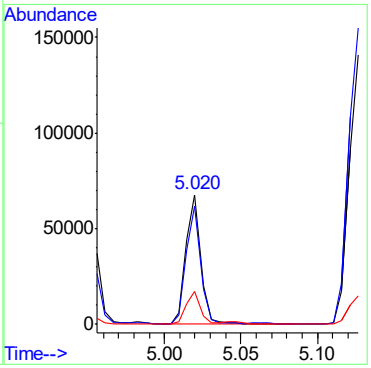


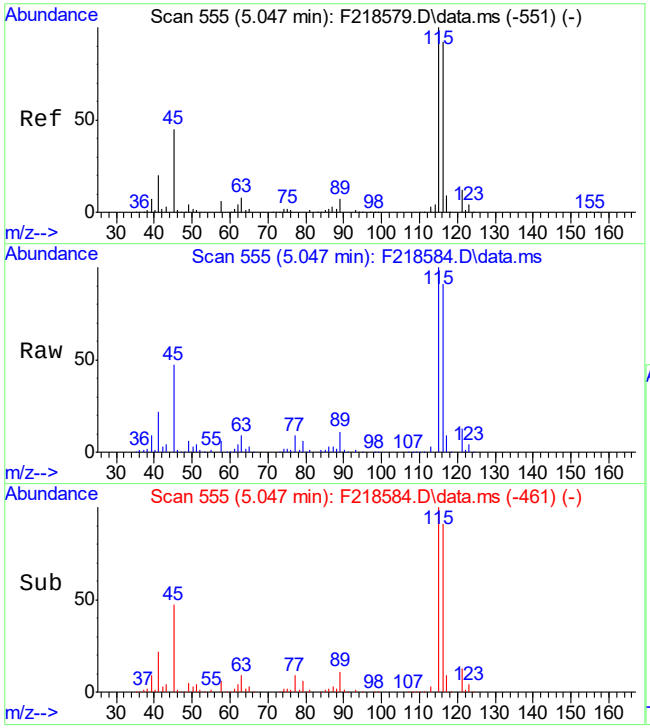


#19
2-Methylphenol
Concen: 22.24 ppm
RT: 5.020 min Scan# 550
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:108 Resp: 45909

Ion	Ratio	Lower	Upper
108	100		
107	91.1	57.0	117.0
90	24.9	0.0	53.5

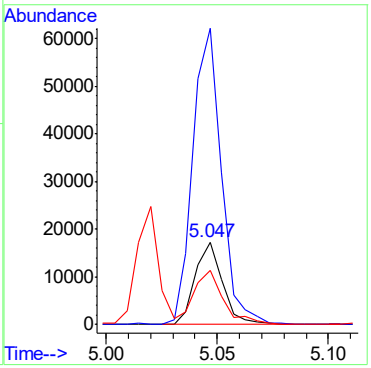


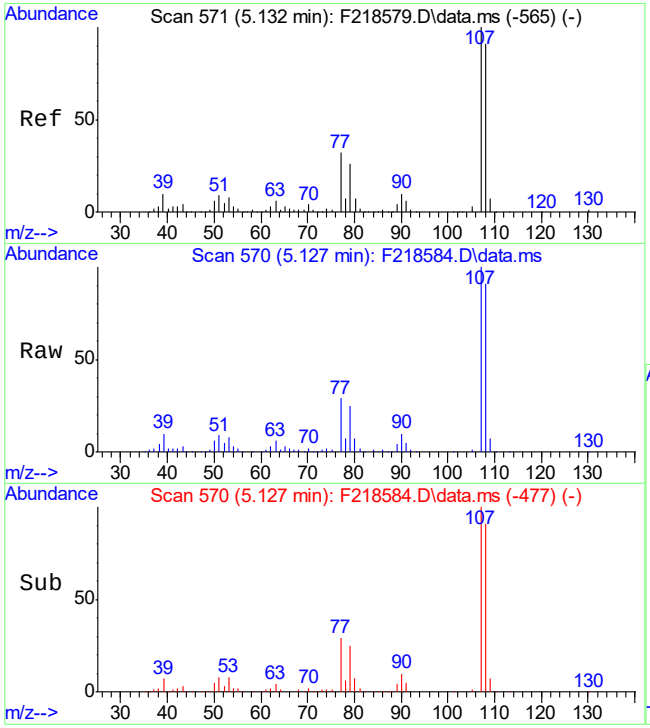


#20
2,2'-oxybis(1-Chloropropane
Concen: 22.70 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:121 Resp: 14635

Ion	Ratio	Lower	Upper
121	100		
45	361.1	351.9	411.9
77	45.1	36.1	96.1

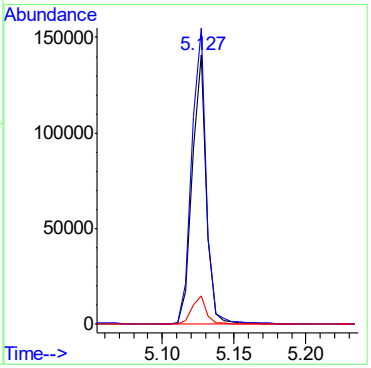


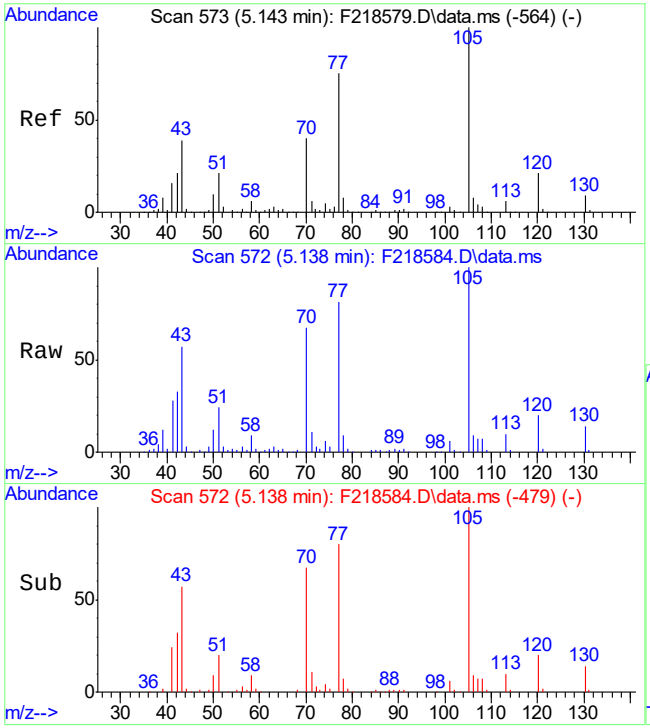


#21
3&4-Methylphenol
Concen: 45.21 ppm
RT: 5.127 min Scan# 570
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:108 Resp: 98234

Ion	Ratio	Lower	Upper
108	100		
107	110.0	79.6	139.6
90	10.5	0.0	40.5

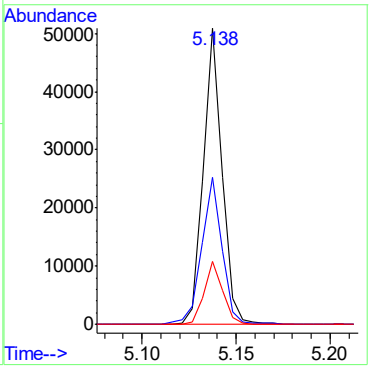


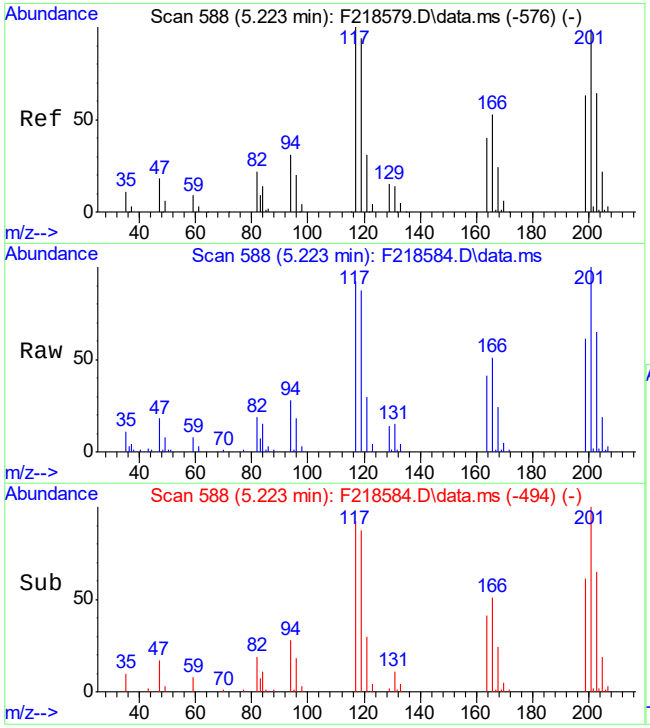


#22
n-Nitroso-di-n-propylamine
Concen: 22.53 ppm
RT: 5.138 min Scan# 572
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 70 Resp: 35224

Ion	Ratio	Lower	Upper
70	100		
42	49.8	36.3	67.3
130	21.1	15.6	29.0

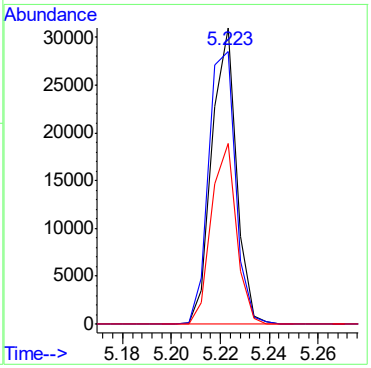


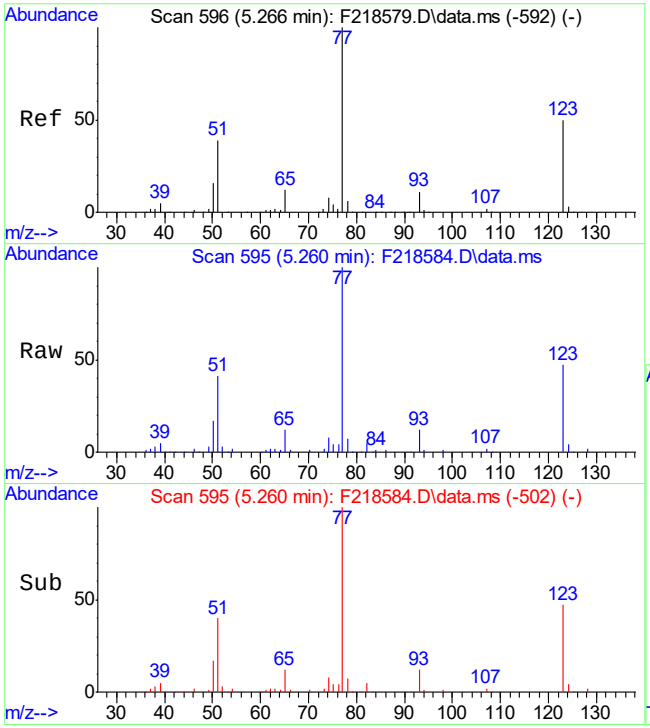


#23
Hexachloroethane
Concen: 23.44 ppm
RT: 5.223 min Scan# 588
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:201 Resp: 21685

Ion	Ratio	Lower	Upper
201	100		
117	91.9	70.8	130.8
199	61.1	33.7	93.7

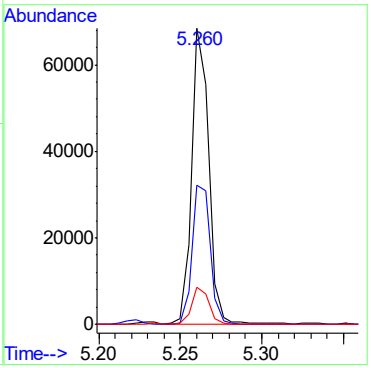


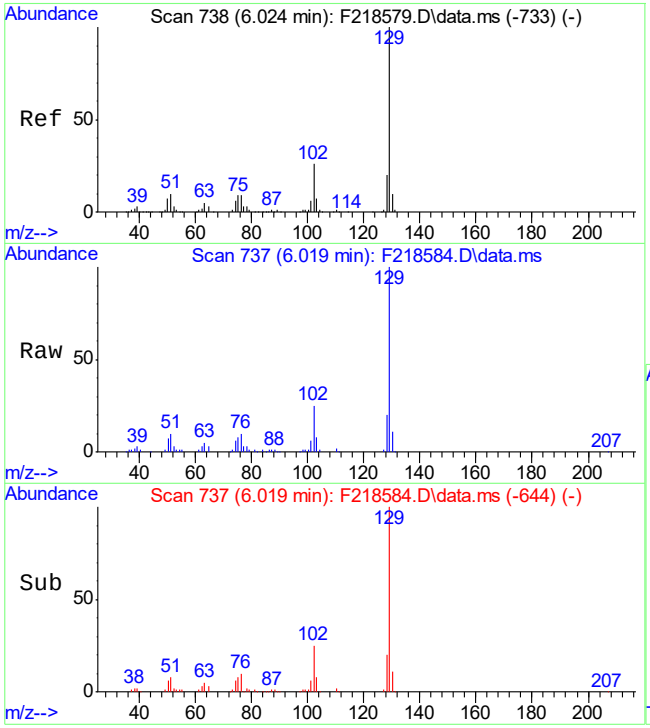


#26
Nitrobenzene
Concen: 22.67 ppm
RT: 5.260 min Scan# 595
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 77 Resp: 50425

Ion	Ratio	Lower	Upper
77	100		
123	47.2	20.4	80.4
65	12.5	0.0	41.9

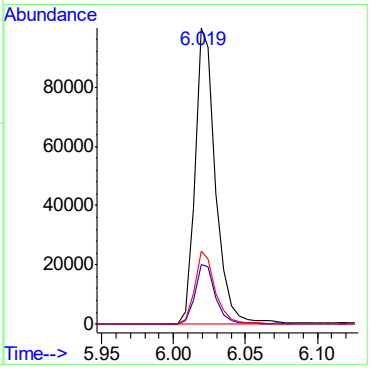


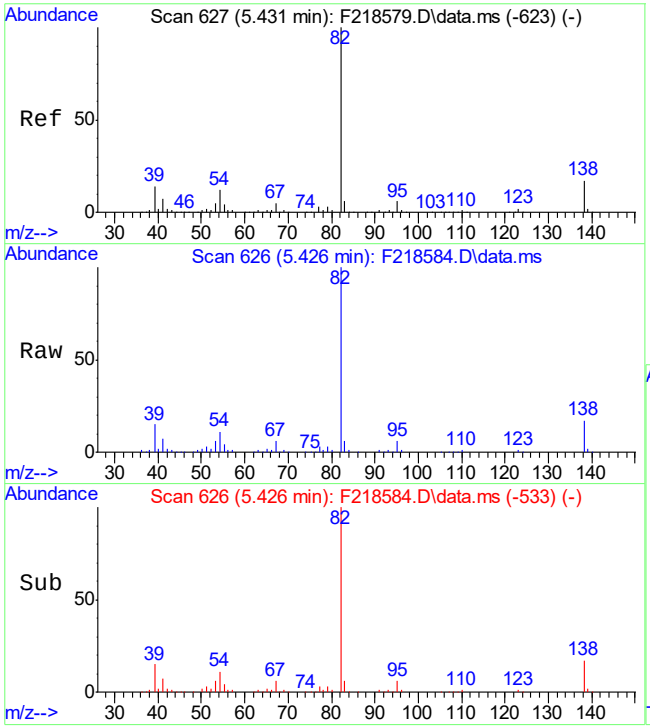


#27
Quinoline
Concen: 22.68 ppm
RT: 6.019 min Scan# 737
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:129 Resp: 100686

Ion	Ratio	Lower	Upper
129	100		
128	20.1	0.0	50.3
102	24.7	0.0	55.9

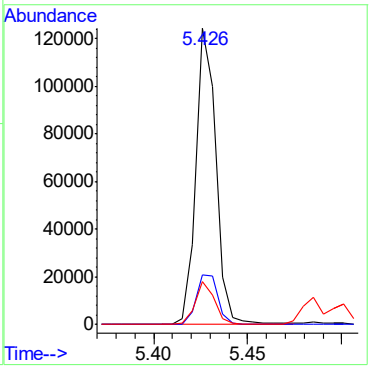


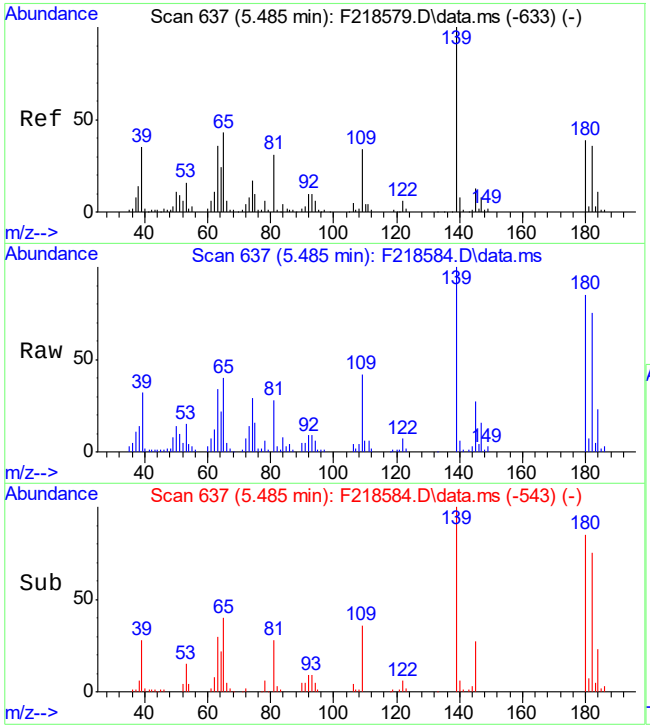


#28
Isophorone
Concen: 23.06 ppm
RT: 5.426 min Scan# 626
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 82 Resp: 91997

Ion	Ratio	Lower	Upper
82	100		
138	16.6	0.0	47.1
39	14.1	0.0	44.0

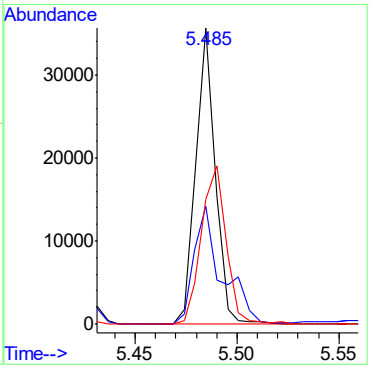


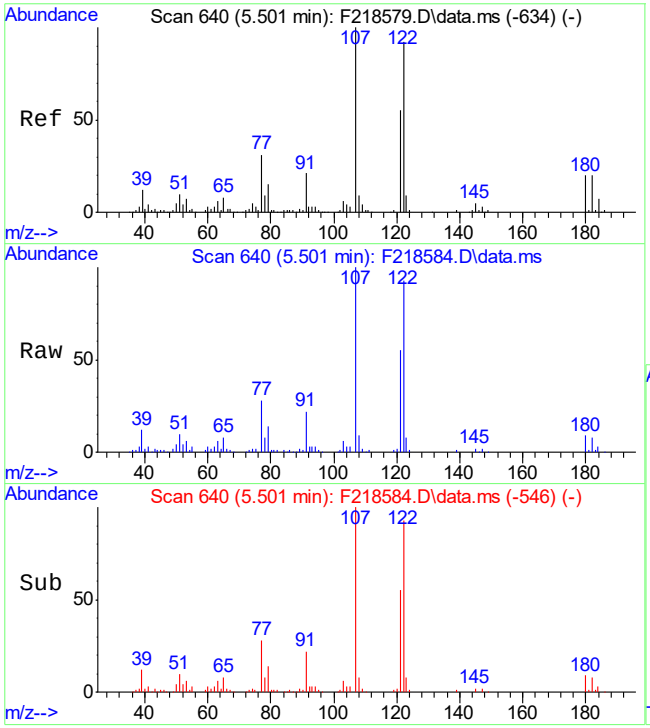


#29
2-Nitrophenol
Concen: 21.71 ppm
RT: 5.485 min Scan# 637
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:139 Resp: 23396

Ion	Ratio	Lower	Upper
139	100		
65	39.6	13.1	73.1
109	42.2	3.7	63.7

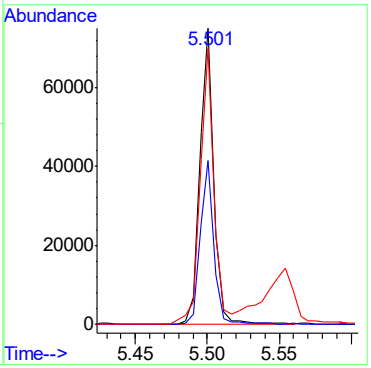


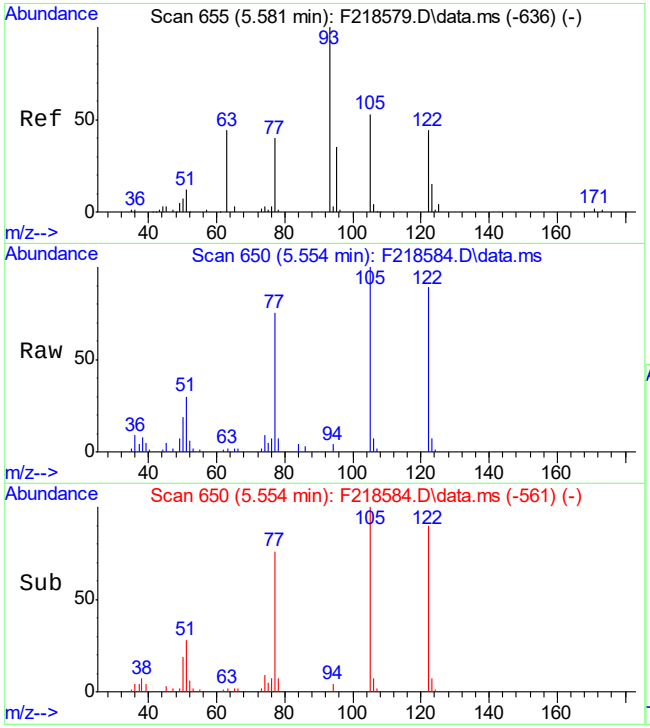


#30
2,4-Dimethylphenol
Concen: 23.39 ppm
RT: 5.501 min Scan# 640
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:107 Resp: 51716

Ion	Ratio	Lower	Upper
107	100		
121	54.9	25.4	85.4
122	87.4	57.3	117.3

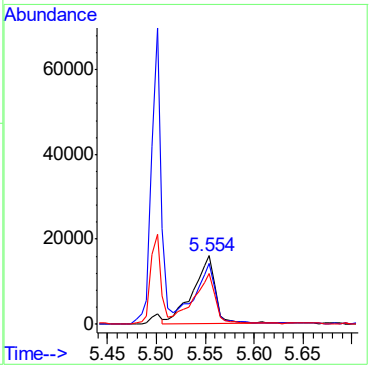


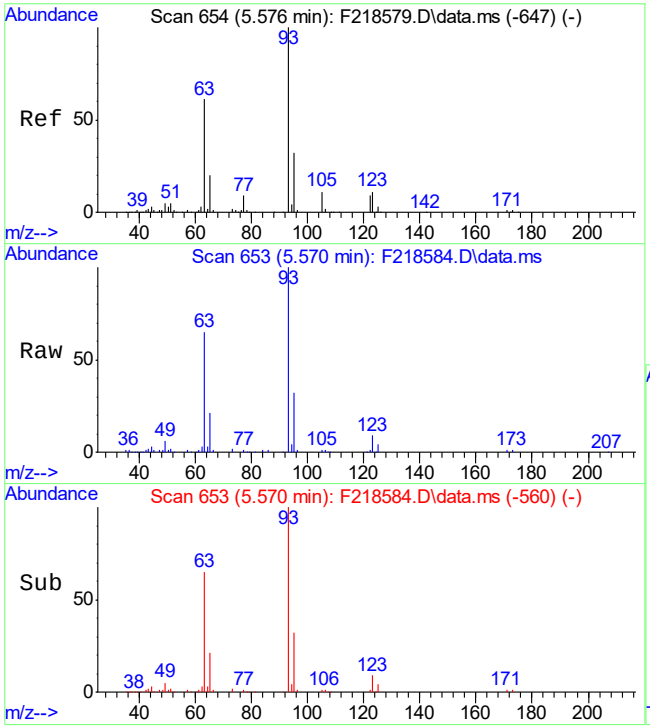


#31
Benzoic acid
Concen: 16.01 ppm
RT: 5.554 min Scan# 650
Delta R.T. -0.026 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:105 Resp: 25139

Ion	Ratio	Lower	Upper
105	100		
122	19.6	56.7	116.7#
77	55.4	46.1	106.1

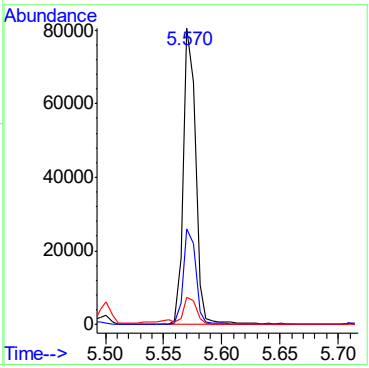


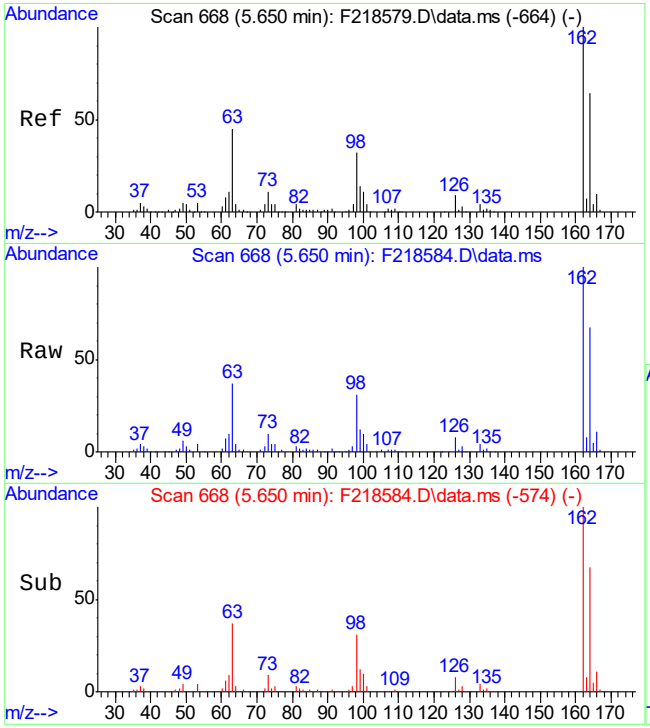


#32
bis(2-Chloroethoxy)methane
Concen: 22.63 ppm
RT: 5.570 min Scan# 653
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 93 Resp: 58349

Ion	Ratio	Lower	Upper
93	100		
95	32.3	2.5	62.5
123	8.5	0.0	41.2

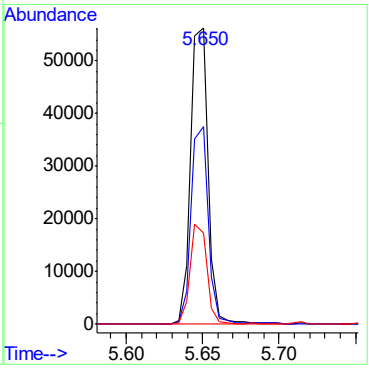


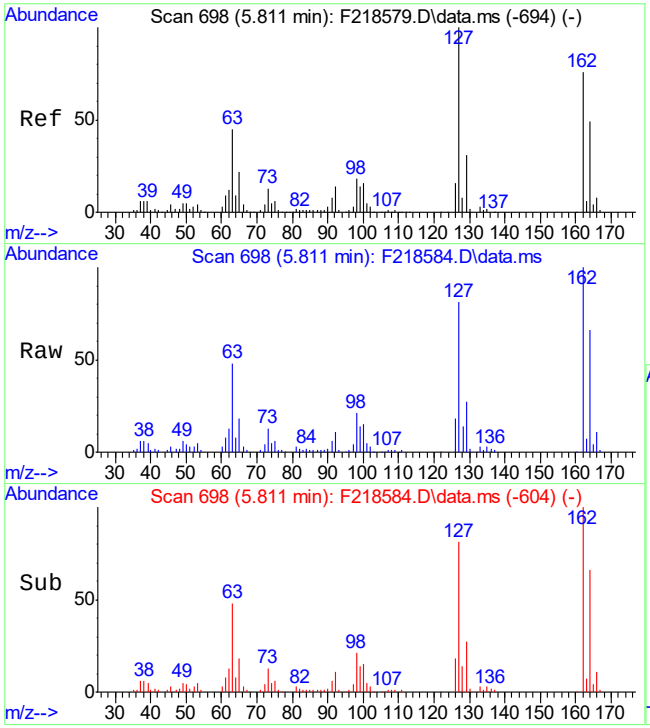


#33
2,4-Dichlorophenol
Concen: 23.49 ppm
RT: 5.650 min Scan# 668
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:162 Resp: 44726

Ion	Ratio	Lower	Upper
162	100		
164	66.8	33.6	93.6
98	30.5	1.5	61.5

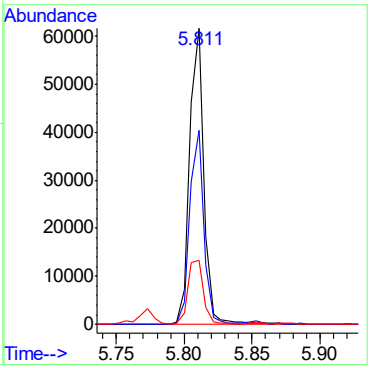


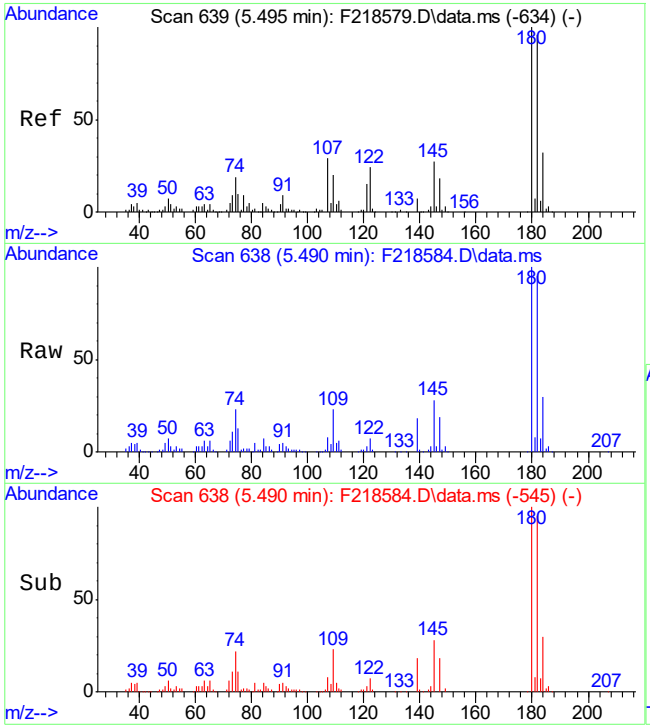


#34
2,6-Dichlorophenol
Concen: 23.31 ppm
RT: 5.811 min Scan# 698
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:162 Resp: 44773

Ion	Ratio	Lower	Upper
162	100		
164	65.5	34.9	94.9
98	21.1	0.0	53.2

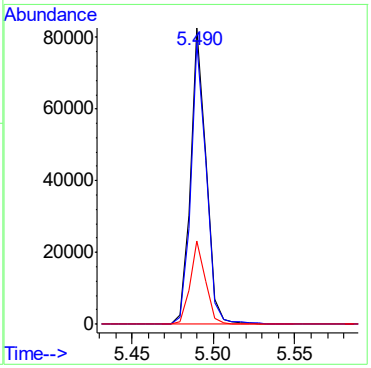


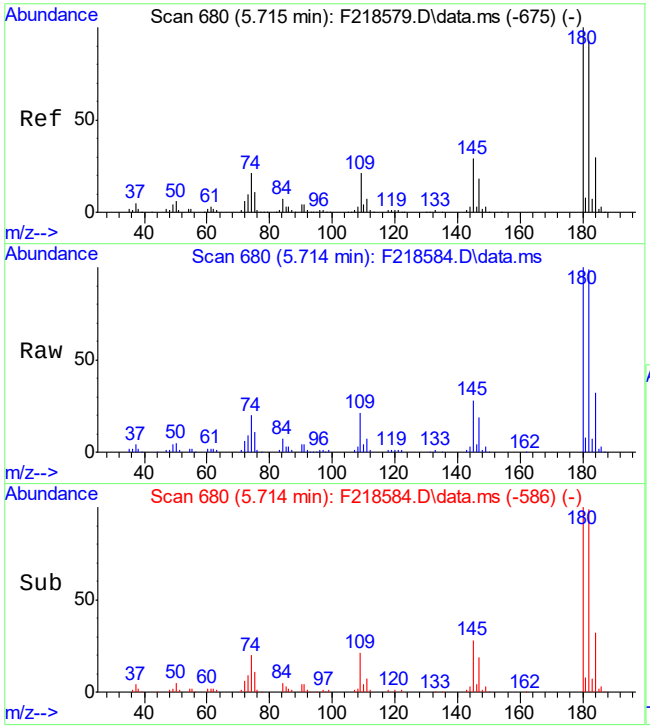


#35
1,3,5-Trichlorobenzene
Concen: 24.46 ppm
RT: 5.490 min Scan# 638
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:180 Resp: 55185

Ion	Ratio	Lower	Upper
180	100		
182	95.1	66.2	126.2
145	28.1	0.0	57.2

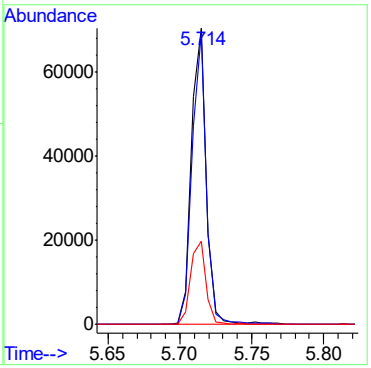


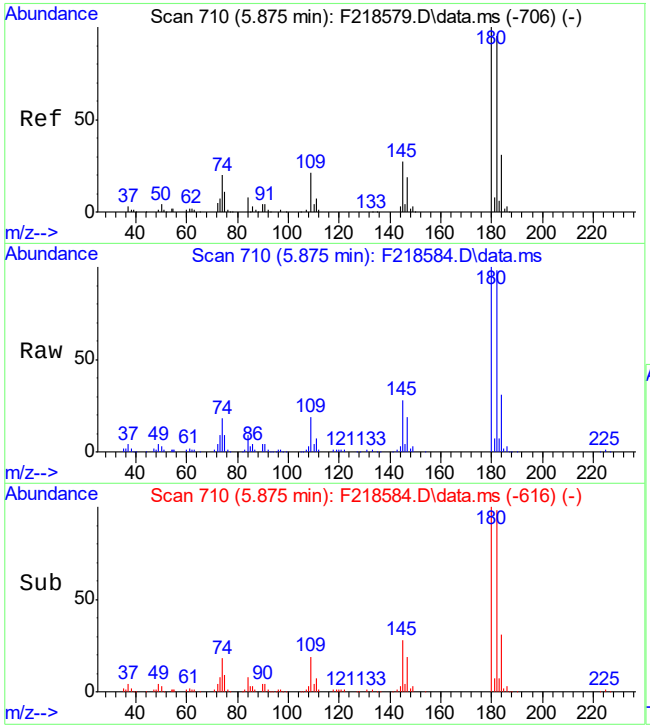


#36
1,2,4-Trichlorobenzene
Concen: 23.73 ppm
RT: 5.714 min Scan# 680
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:180 Resp: 51345

Ion	Ratio	Lower	Upper
180	100		
182	98.5	62.8	122.8
145	28.2	0.0	58.7

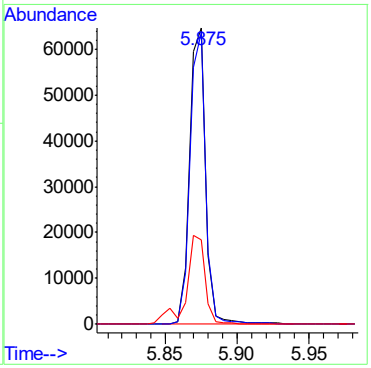


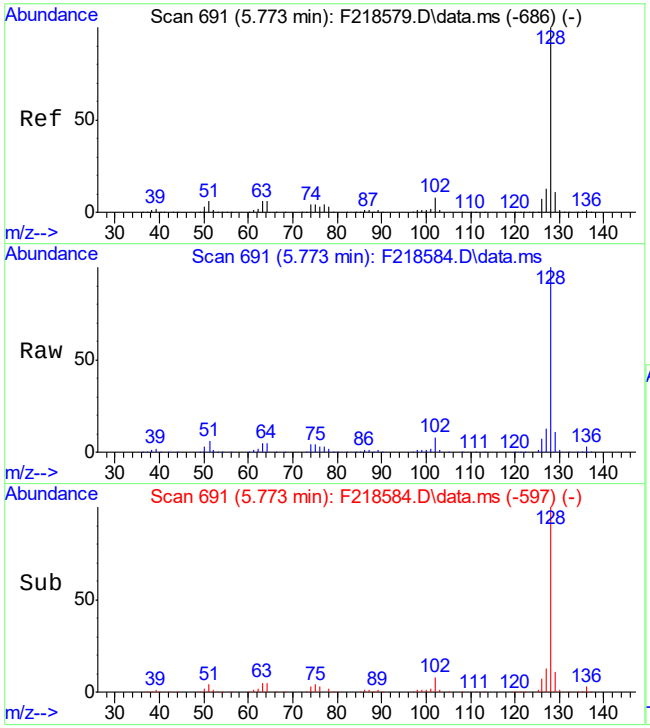


#37
1,2,3-Trichlorobenzene
Concen: 23.73 ppm
RT: 5.875 min Scan# 710
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:180 Resp: 50233

Ion	Ratio	Lower	Upper
180	100		
182	98.4	65.1	125.1
145	26.7	0.0	59.2

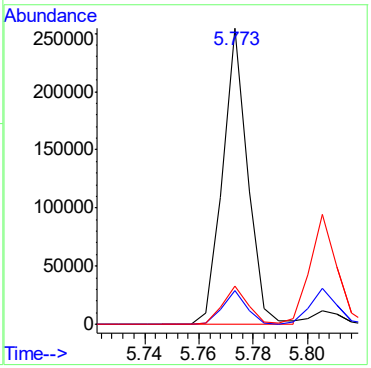


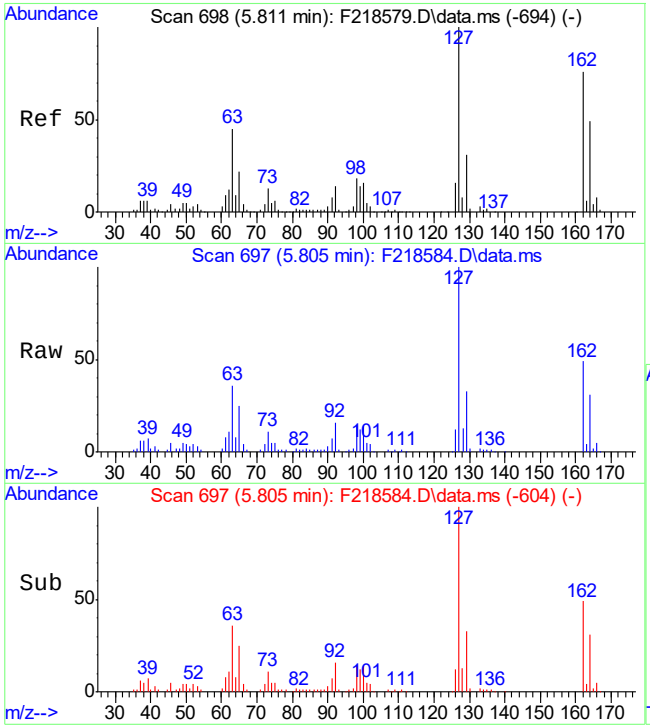


#38
Naphthalene
Concen: 23.37 ppm
RT: 5.773 min Scan# 691
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:128 Resp: 162371

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	41.2
127	12.2	0.0	42.9

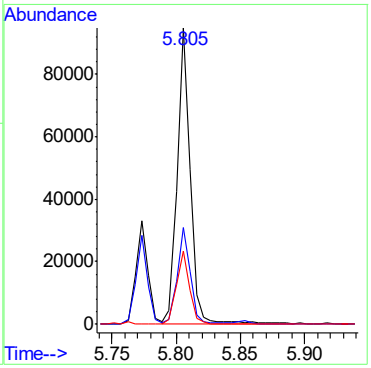


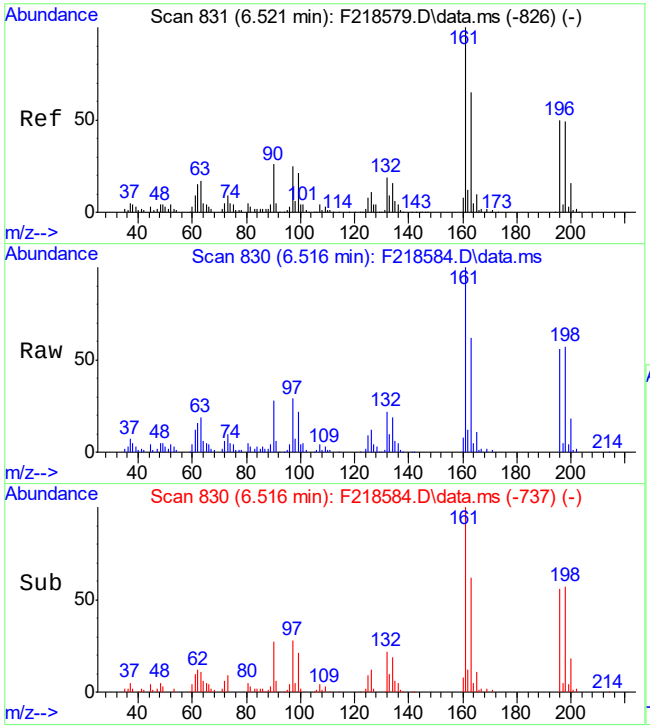


#39
4-Chloroaniline
Concen: 22.68 ppm
RT: 5.805 min Scan# 697
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:127 Resp: 67348

Ion	Ratio	Lower	Upper
127	100		
129	32.5	1.5	61.5
65	24.6	0.0	51.5

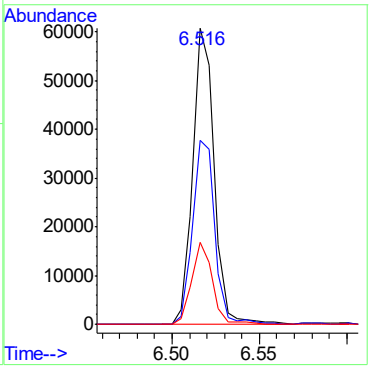


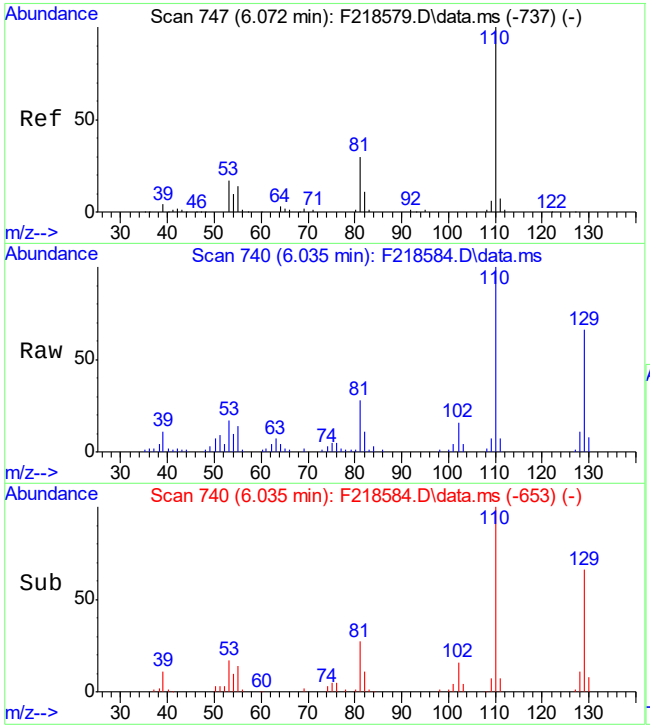


#40
2,3-Dichloroaniline
Concen: 22.94 ppm
RT: 6.516 min Scan# 830
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:161 Resp: 51850

Ion	Ratio	Lower	Upper
161	100		
163	62.2	35.0	95.0
90	27.7	0.0	56.3

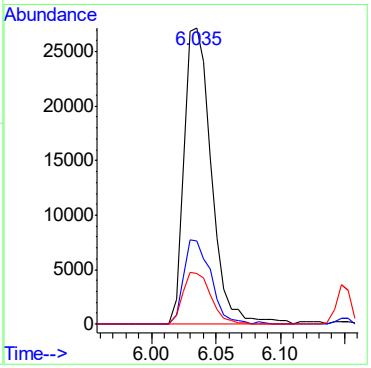


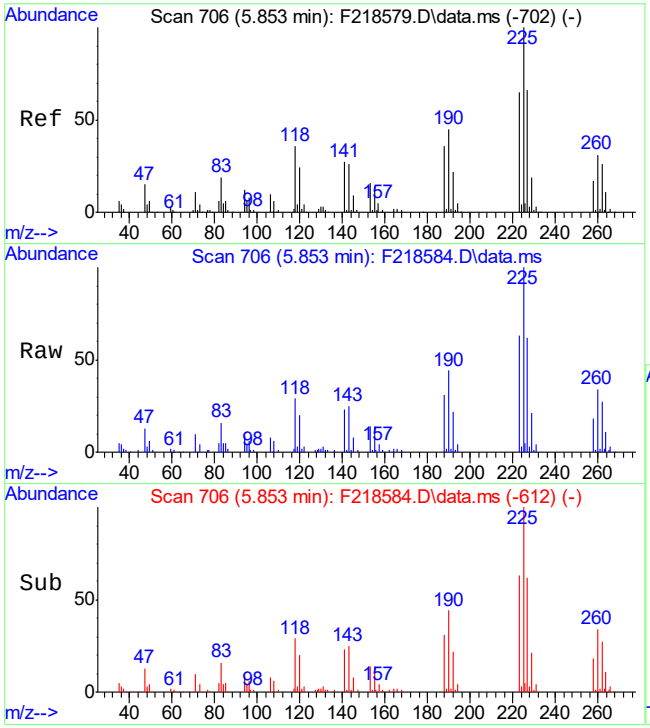


#41
Hydroquinone
Concen: 20.45 ppm
RT: 6.035 min Scan# 740
Delta R.T. -0.037 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:110 Resp: 40555

Ion	Ratio	Lower	Upper
110	100		
81	28.0	0.0	59.9
53	17.2	0.0	47.7

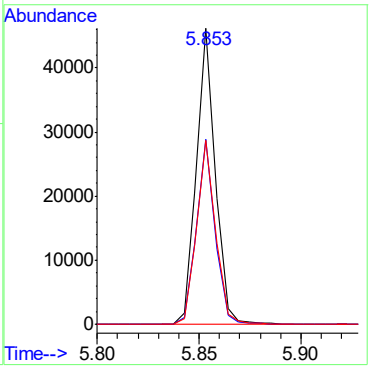


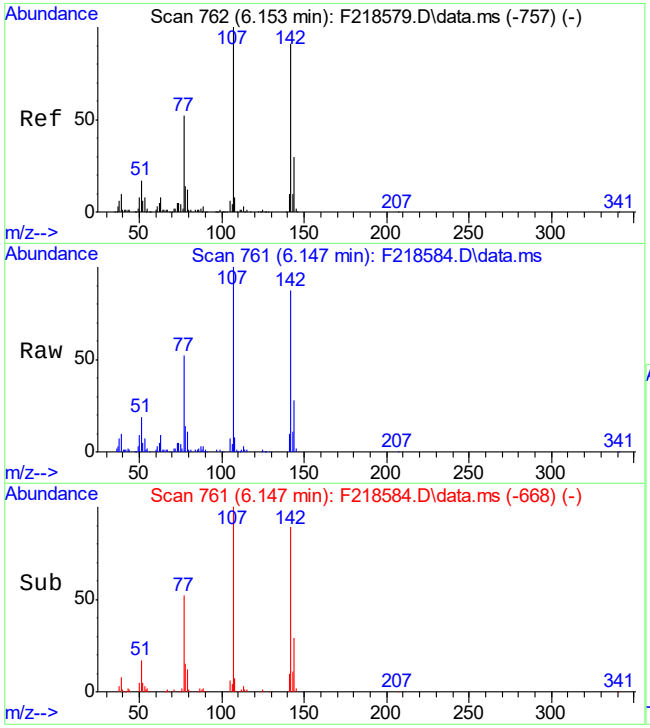


#42
Hexachlorobutadiene
Concen: 24.44 ppm
RT: 5.853 min Scan# 706
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:225 Resp: 29429

Ion	Ratio	Lower	Upper
225	100		
223	62.5	34.5	94.5
227	62.1	35.8	95.8

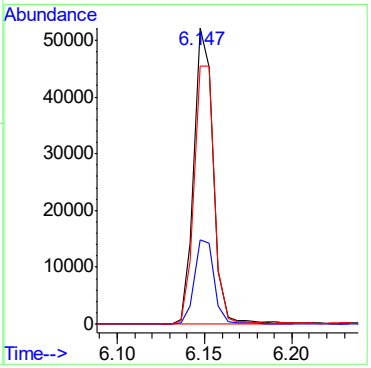


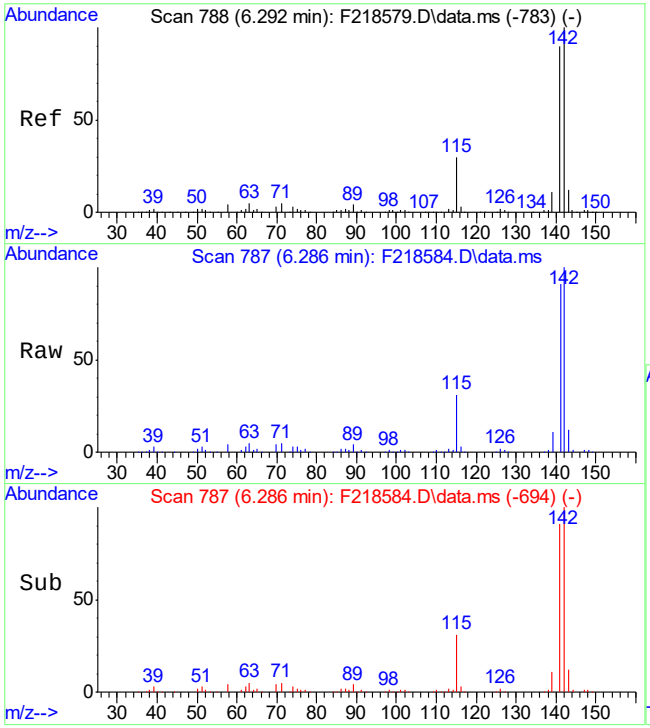


#43
4-Chloro-3-methylphenol
Concen: 23.02 ppm
RT: 6.147 min Scan# 761
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:107 Resp: 40258

Ion	Ratio	Lower	Upper
107	100		
144	28.5	0.0	59.9
142	87.2	61.5	121.5

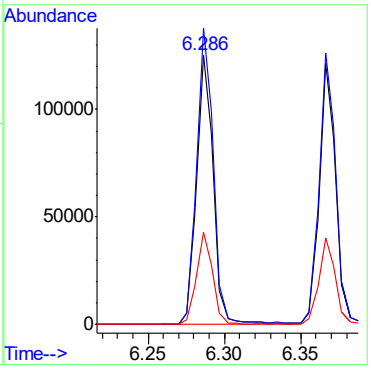


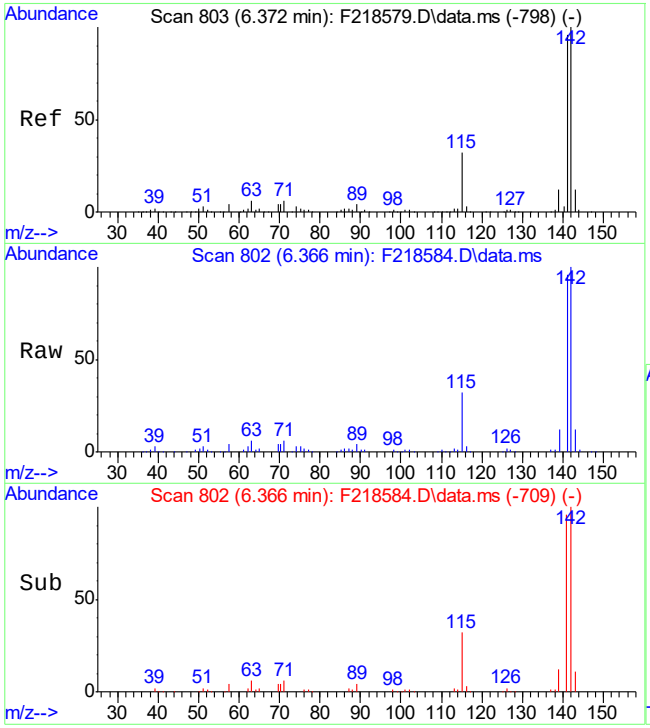


#44
2-Methylnaphthalene
Concen: 23.80 ppm
RT: 6.286 min Scan# 787
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:141 Resp: 94355

Ion	Ratio	Lower	Upper
141	100		
142	110.0	80.5	140.5
115	34.4	2.8	62.8

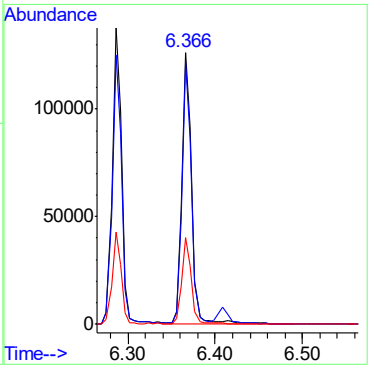


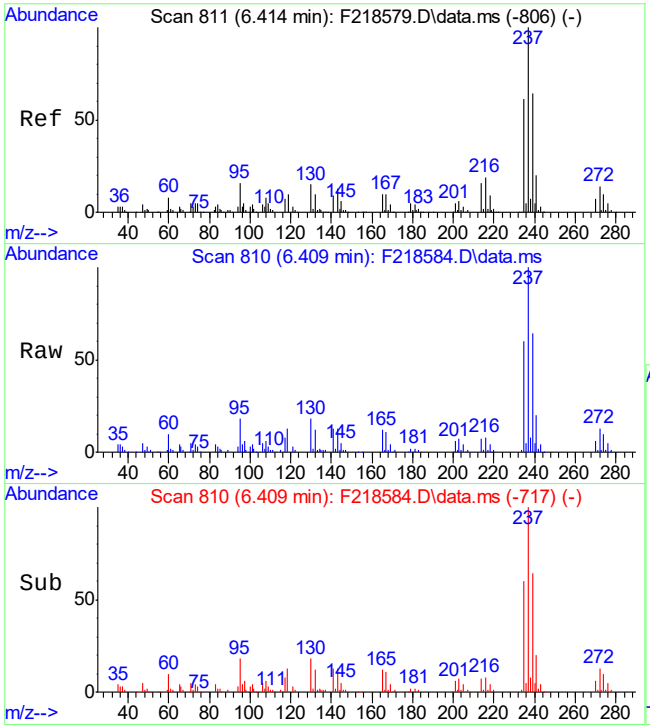


#45
1-Methylnaphthalene
Concen: 24.11 ppm
RT: 6.366 min Scan# 802
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:142 Resp: 100954

Ion	Ratio	Lower	Upper
142	100		
141	96.1	62.9	122.9
115	31.7	2.4	62.4

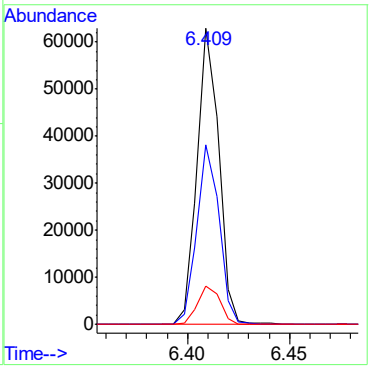


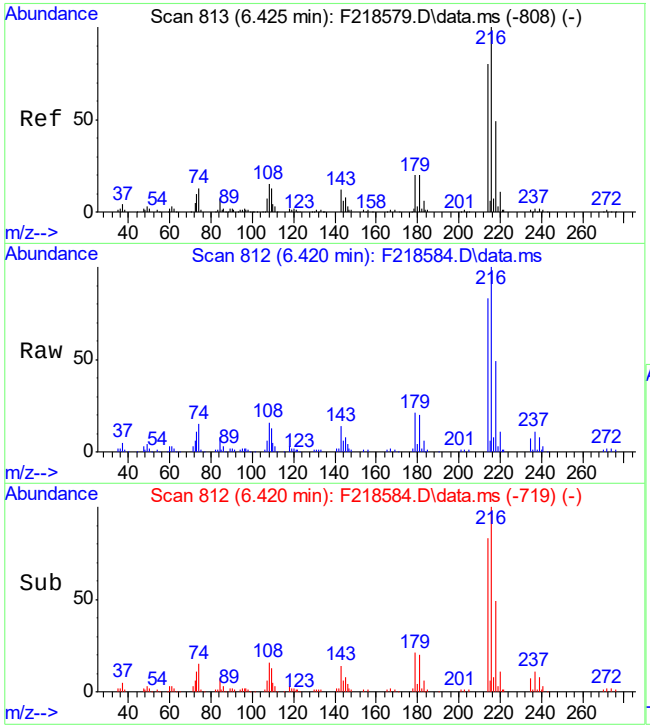


#47
Hexachlorocyclopentadiene
Concen: 46.31 ppm
RT: 6.409 min Scan# 810
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:237 Resp: 46390

Ion	Ratio	Lower	Upper
237	100		
235	60.5	30.8	90.8
272	13.0	0.0	44.0

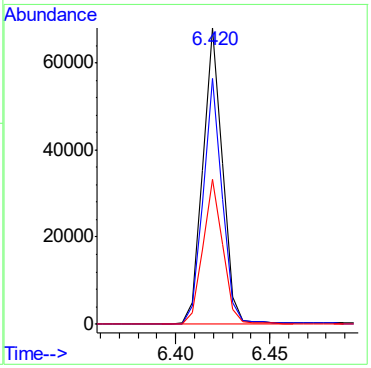


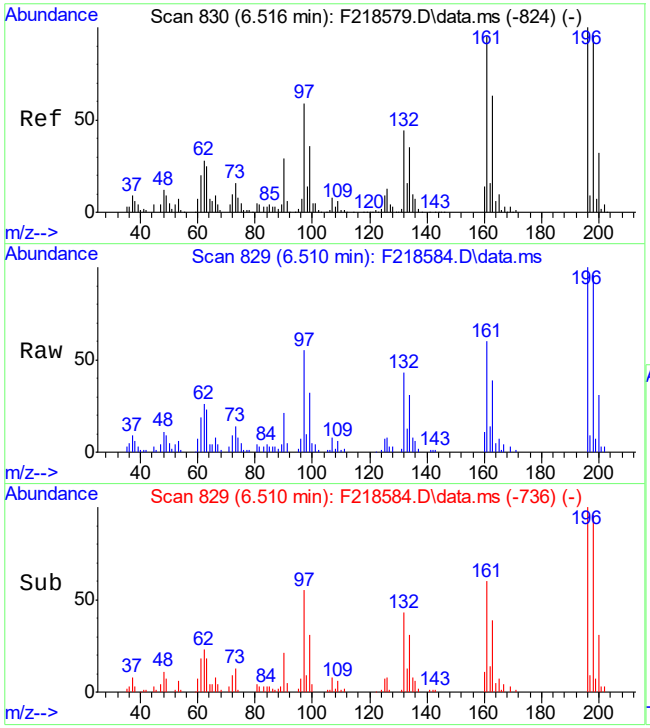


#48
1,2,4,5-tetrachlorobenzene
Concen: 23.57 ppm
RT: 6.420 min Scan# 812
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:216 Resp: 49521

Ion	Ratio	Lower	Upper
216	100		
214	81.3	55.6	103.2
218	49.1	33.6	62.4

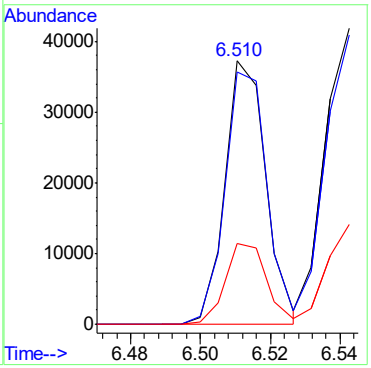


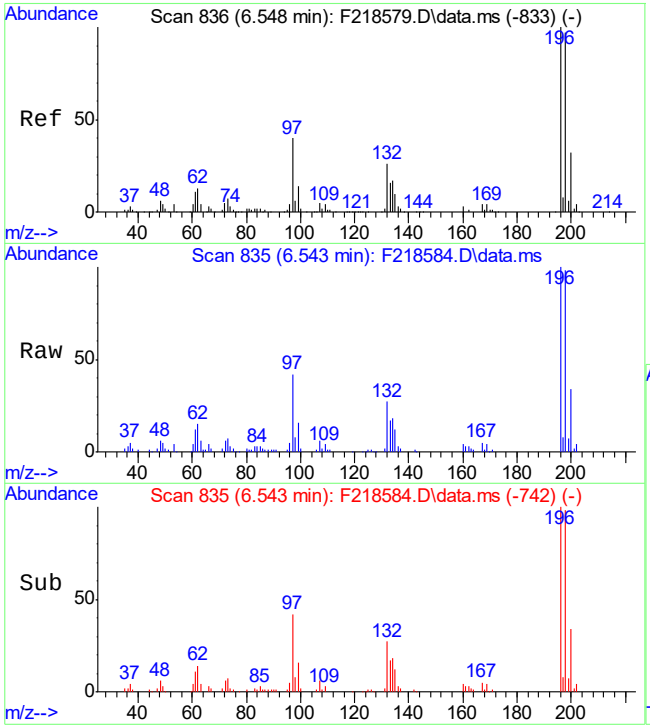


#49
2,4,6-Trichlorophenol
Concen: 23.02 ppm
RT: 6.510 min Scan# 829
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:196 Resp: 30238

Ion	Ratio	Lower	Upper
196	100		
198	95.8	66.2	126.2
200	30.3	1.7	61.7

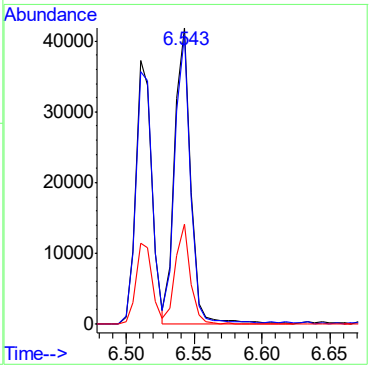


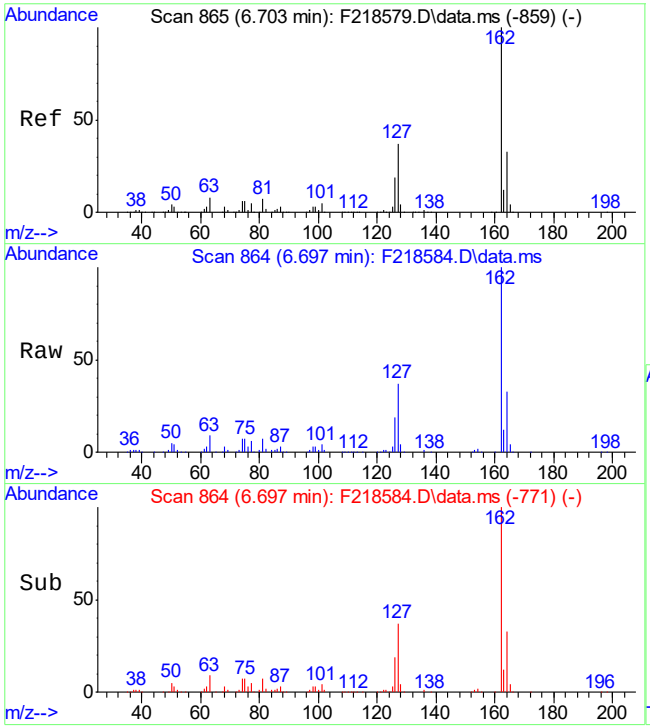


#50
2,4,5-Trichlorophenol
Concen: 23.71 ppm
RT: 6.543 min Scan# 835
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:196 Resp: 34534

Ion	Ratio	Lower	Upper
196	100		
198	97.3	66.8	126.8
200	33.5	1.7	61.7

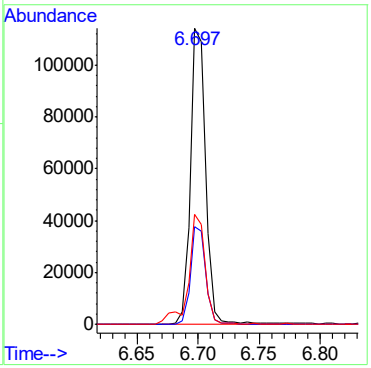


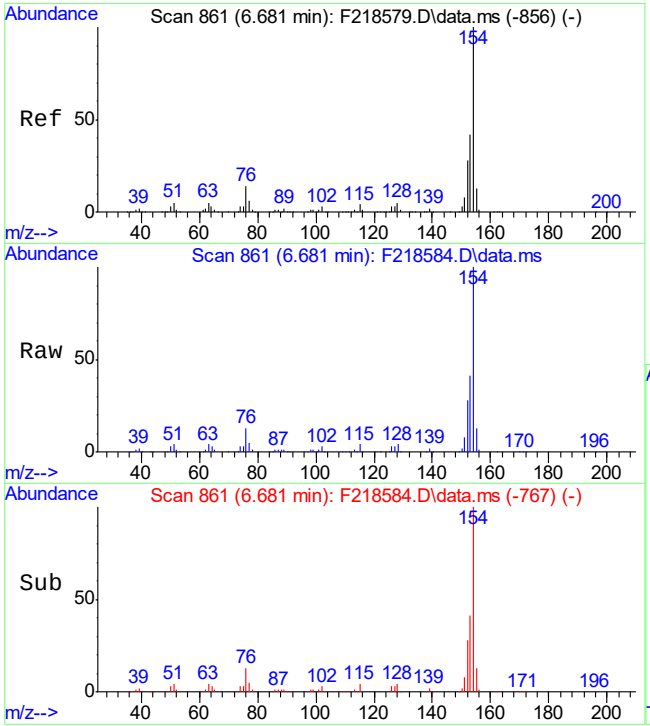


#52
2-Chloronaphthalene
Concen: 23.54 ppm
RT: 6.697 min Scan# 864
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:162 Resp: 100480

Ion	Ratio	Lower	Upper
162	100		
164	33.1	3.0	63.0
127	36.5	6.9	66.9

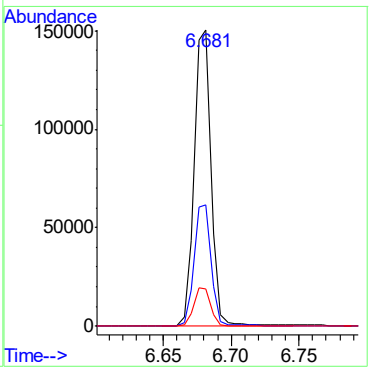




#53
Biphenyl
Concen: 23.79 ppm
RT: 6.681 min Scan# 861
Delta R.T. -0.000 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

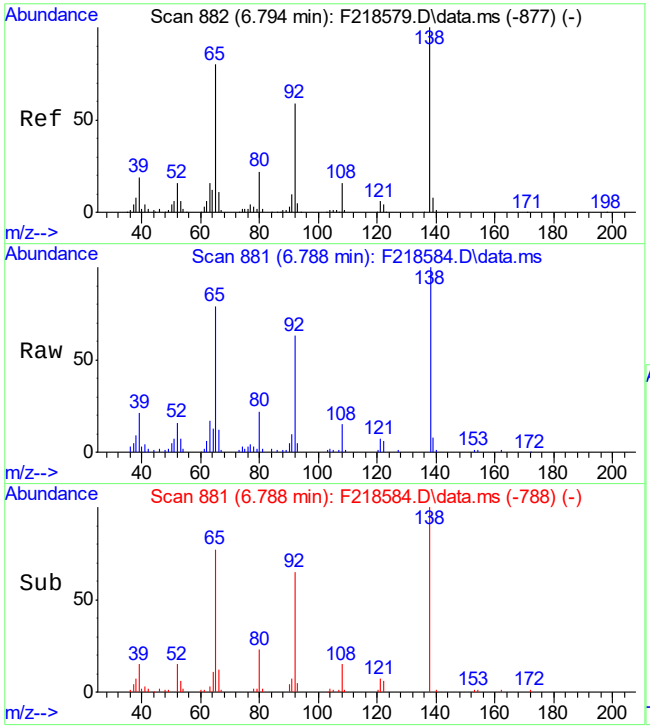
Tgt Ion:154 Resp: 130033

Ion	Ratio	Lower	Upper
154	100		
153	40.9	12.0	72.0
155	12.6	0.0	42.7



7.6.32

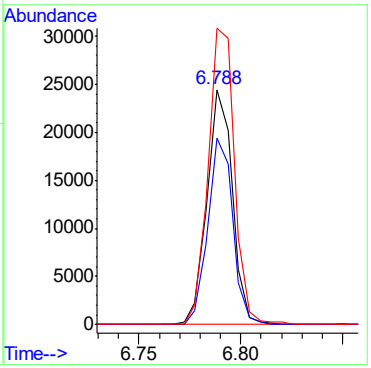
7

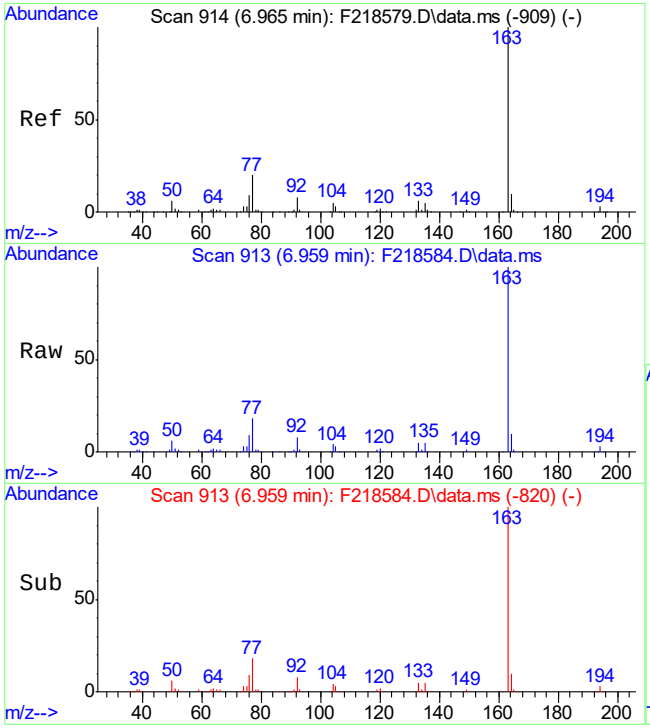


#54
2-Nitroaniline
Concen: 21.27 ppm
RT: 6.788 min Scan# 881
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 65 Resp: 21008

Ion	Ratio	Lower	Upper
65	100		
92	79.3	43.2	103.2
138	126.2	94.6	154.6

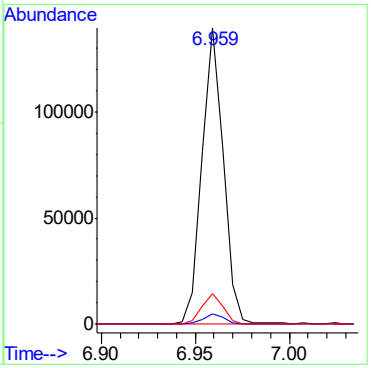


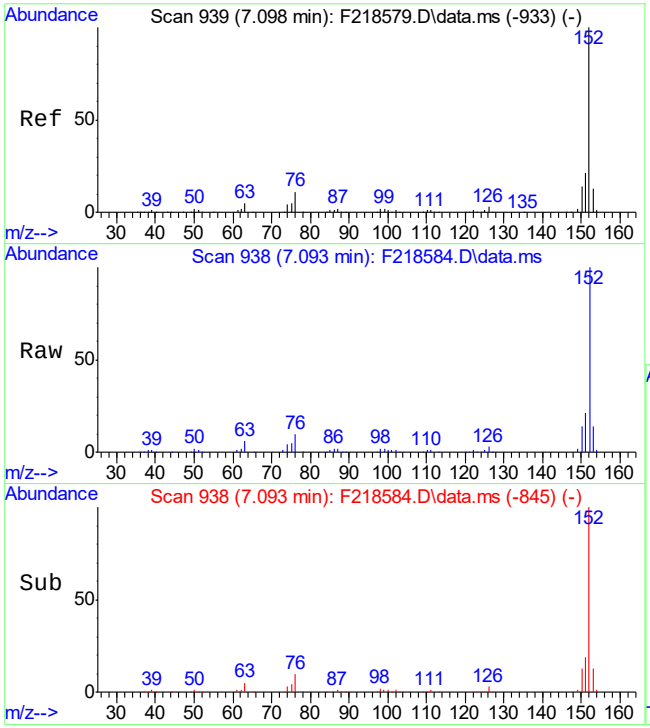


#55
Dimethylphthalate
Concen: 23.79 ppm
RT: 6.959 min Scan# 913
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:163 Resp: 110312

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	33.2
164	10.2	0.0	40.3

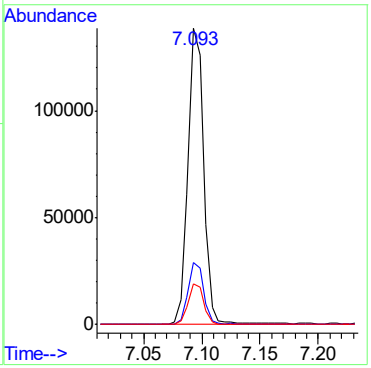


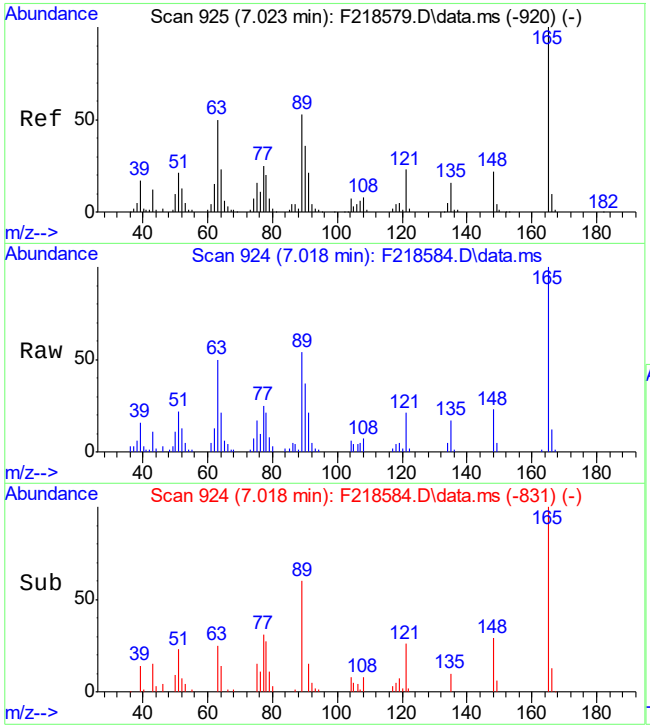


#56
Acenaphthylene
Concen: 25.10 ppm
RT: 7.093 min Scan# 938
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:152 Resp: 128592

Ion	Ratio	Lower	Upper
152	100		
151	20.8	0.0	50.5
153	13.5	0.0	43.0

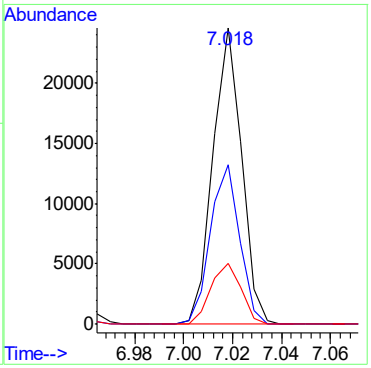


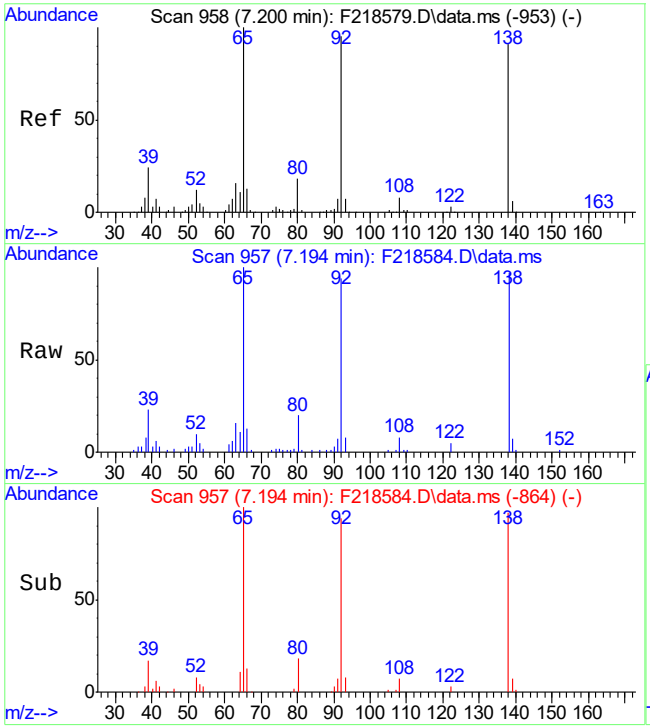


#57
2,6-Dinitrotoluene
Concen: 21.76 ppm
RT: 7.018 min Scan# 924
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:165 Resp: 20114

Ion	Ratio	Lower	Upper
165	100		
89	53.8	23.2	83.2
121	20.6	0.0	52.8

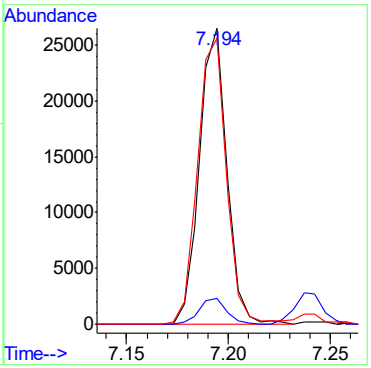


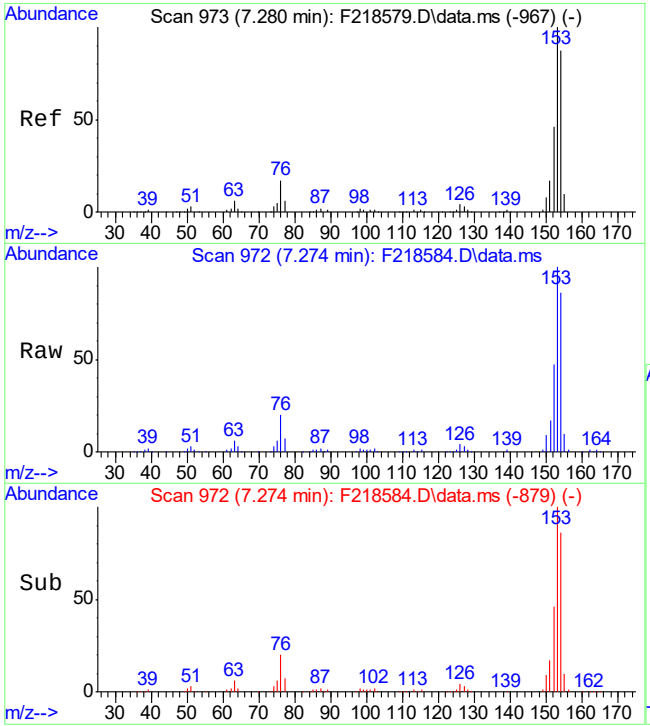


#58
3-Nitroaniline
Concen: 21.78 ppm
RT: 7.194 min Scan# 957
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:138 Resp: 24635

Ion	Ratio	Lower	Upper
138	100		
108	6.1	0.0	38.0
92	95.7	74.4	134.4

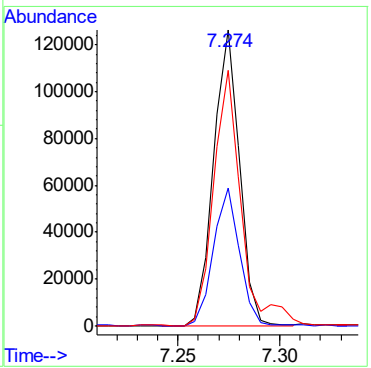


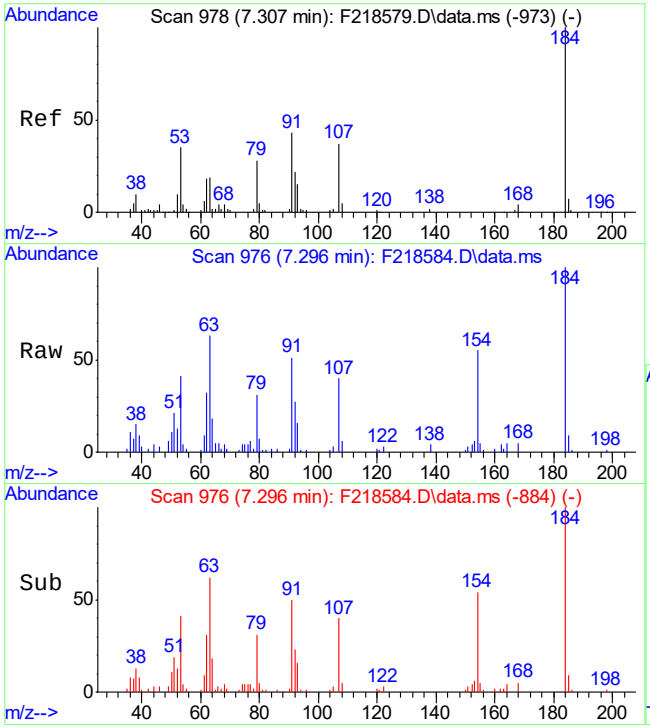


#59
Acenaphthene
Concen: 24.03 ppm
RT: 7.274 min Scan# 972
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:153 Resp: 112173

Ion	Ratio	Lower	Upper
153	100		
152	46.5	16.3	76.3
154	85.1	57.4	117.4

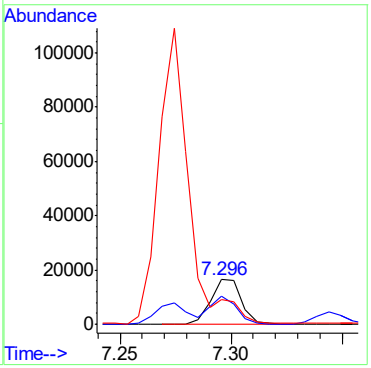


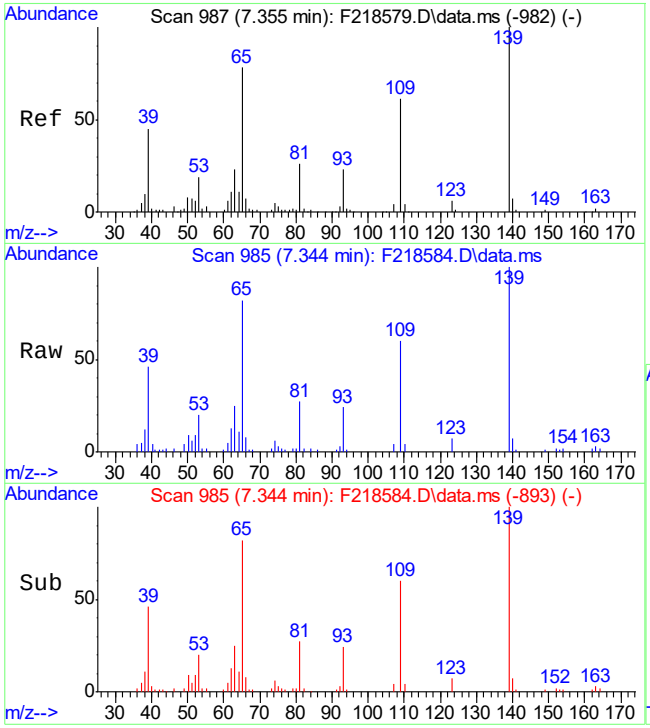


#60
2,4-Dinitrophenol
Concen: 36.86 ppm
RT: 7.296 min Scan# 976
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:184 Resp: 15835

Ion	Ratio	Lower	Upper
184	100		
63	42.6	0.0	60.0
154	0.0	0.0	30.0

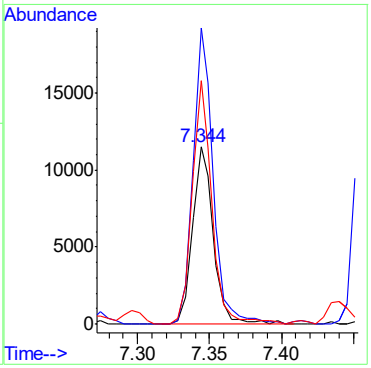


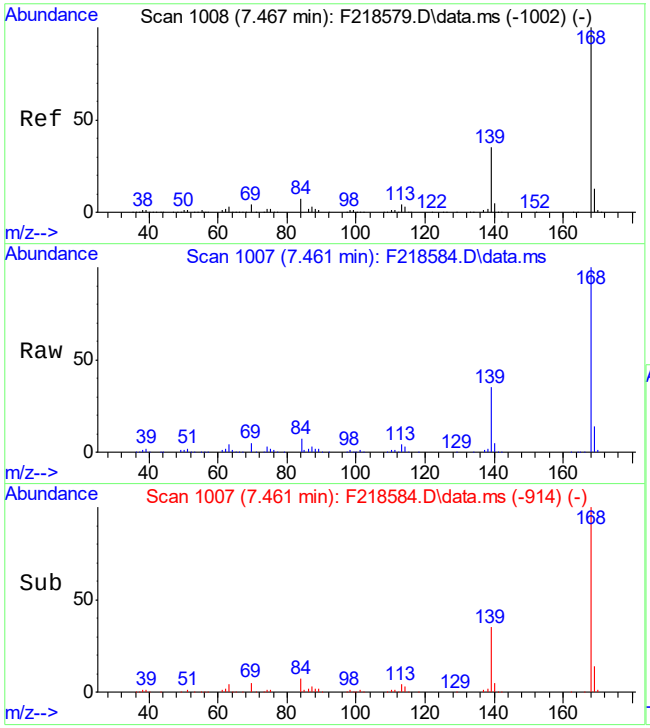


#61
4-Nitrophenol
Concen: 21.75 ppm
RT: 7.344 min Scan# 985
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:109 Resp: 11714

Ion	Ratio	Lower	Upper
109	100		
139	166.6	134.4	194.4
65	136.5	98.6	158.6

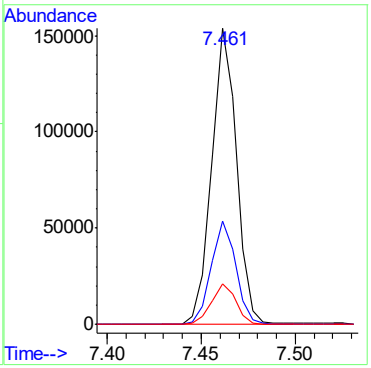


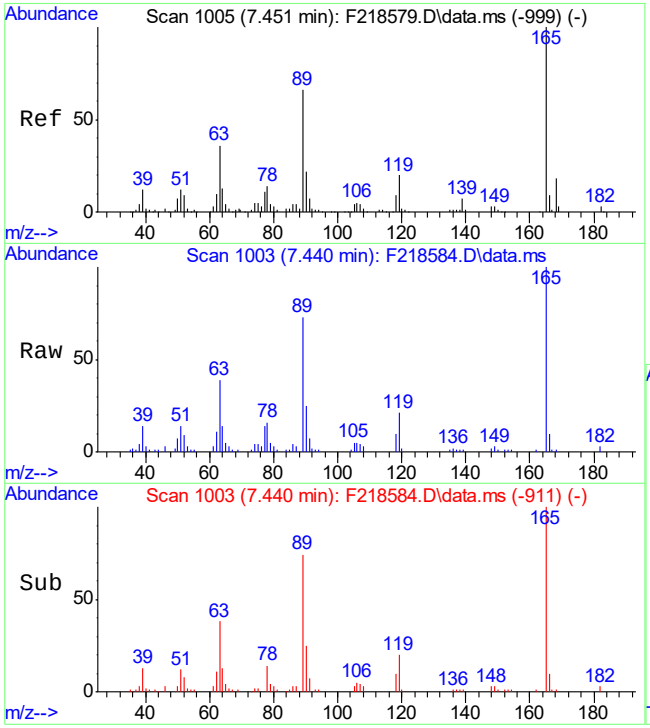


#62
Dibenzofuran
Concen: 23.52 ppm
RT: 7.461 min Scan# 1007
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:168 Resp: 140914

Ion	Ratio	Lower	Upper
168	100		
139	34.8	5.2	65.2
169	13.6	0.0	43.3

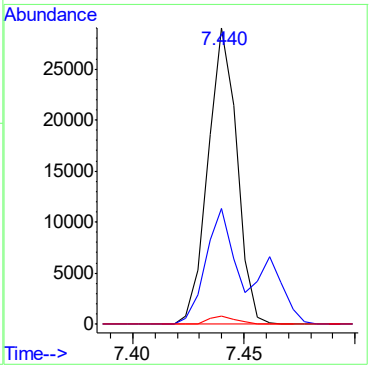


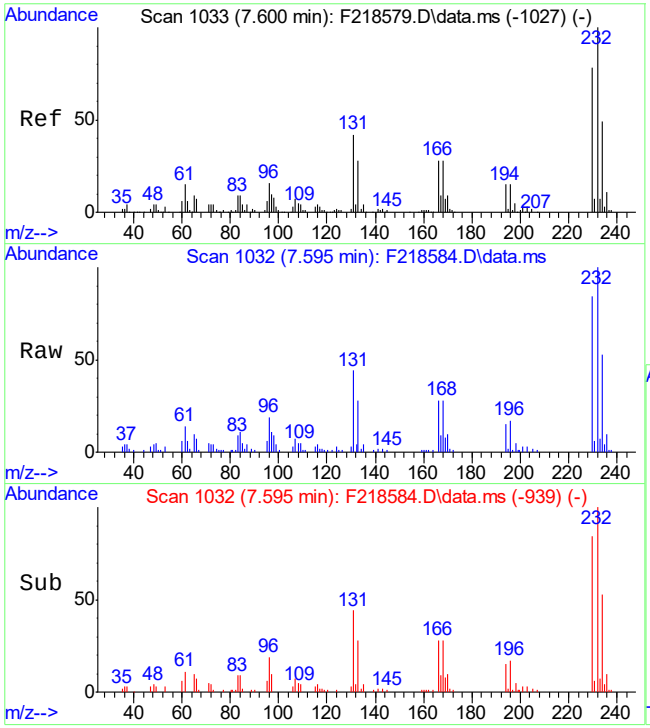


#63
2,4-Dinitrotoluene
Concen: 21.39 ppm
RT: 7.440 min Scan# 1003
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:165 Resp: 26379

Ion	Ratio	Lower	Upper
165	100		
63	36.7	6.1	66.1
182	2.7	0.0	32.6

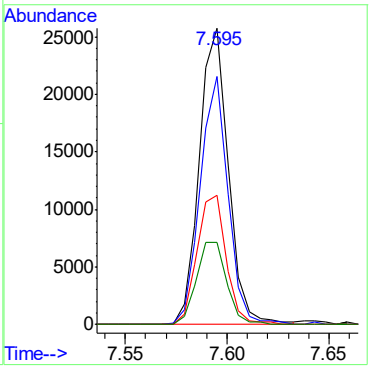


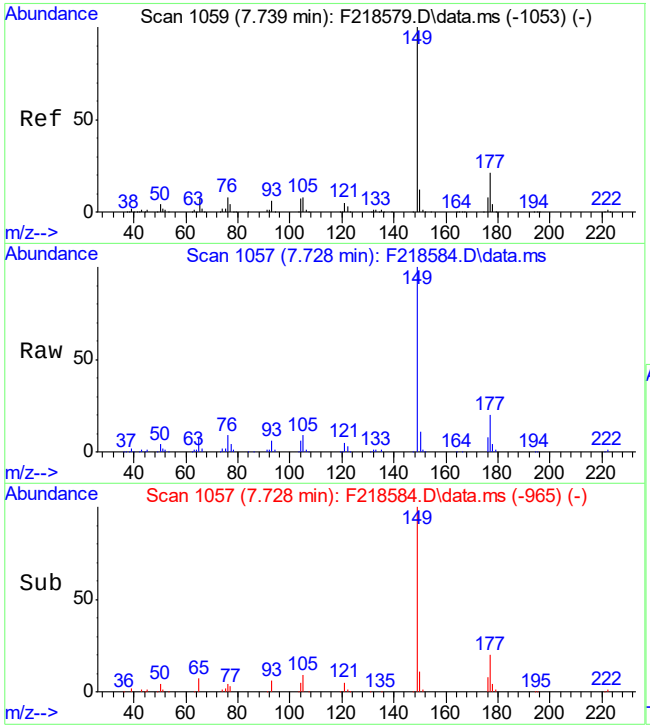


#64
2,3,4,6-Tetrachlorophenol
Concen: 21.95 ppm
RT: 7.595 min Scan# 1032
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:232 Resp: 25263

Ion	Ratio	Lower	Upper
232	100		
230	84.1	48.4	108.4
131	43.7	11.7	71.7
133	27.9	0.0	57.9

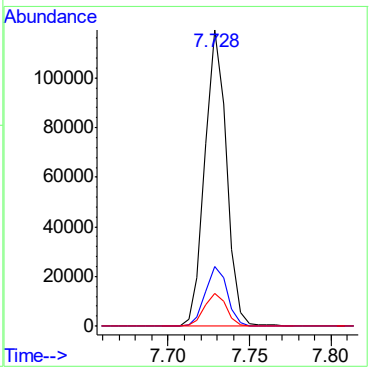


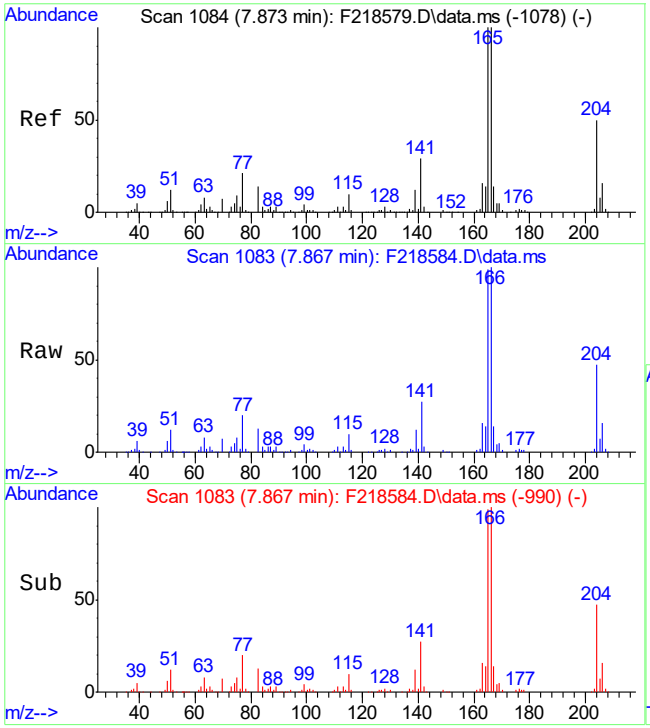


#65
Diethylphthalate
Concen: 23.37 ppm
RT: 7.728 min Scan# 1057
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:149 Resp: 110182

Ion	Ratio	Lower	Upper
149	100		
177	20.3	0.0	50.6
150	11.2	0.0	42.0

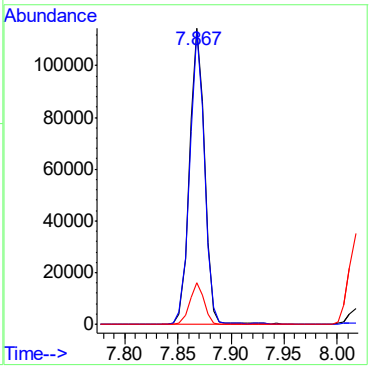


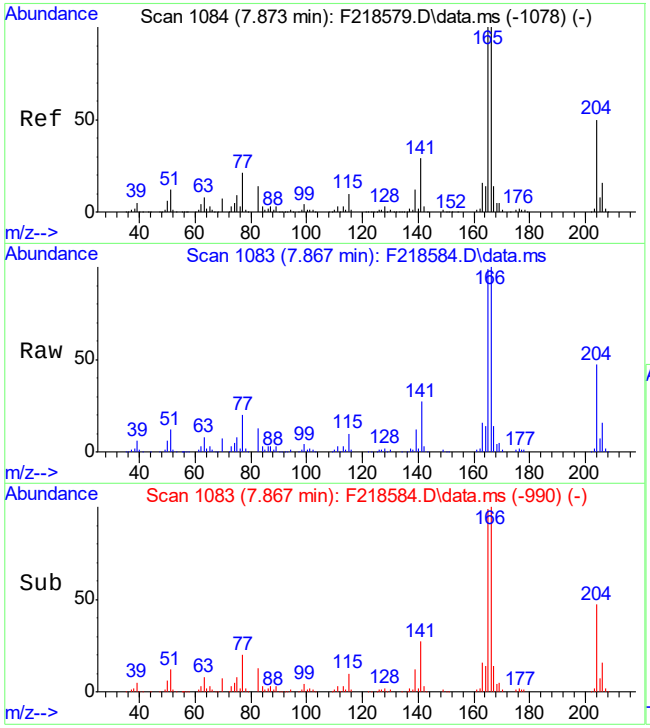


#66
Fluorene
Concen: 23.70 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:166 Resp: 112698

Ion	Ratio	Lower	Upper
166	100		
165	98.8	69.8	129.8
167	13.9	0.0	43.7

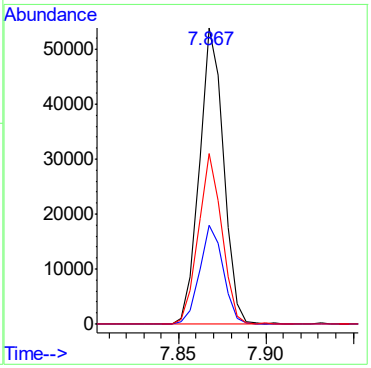


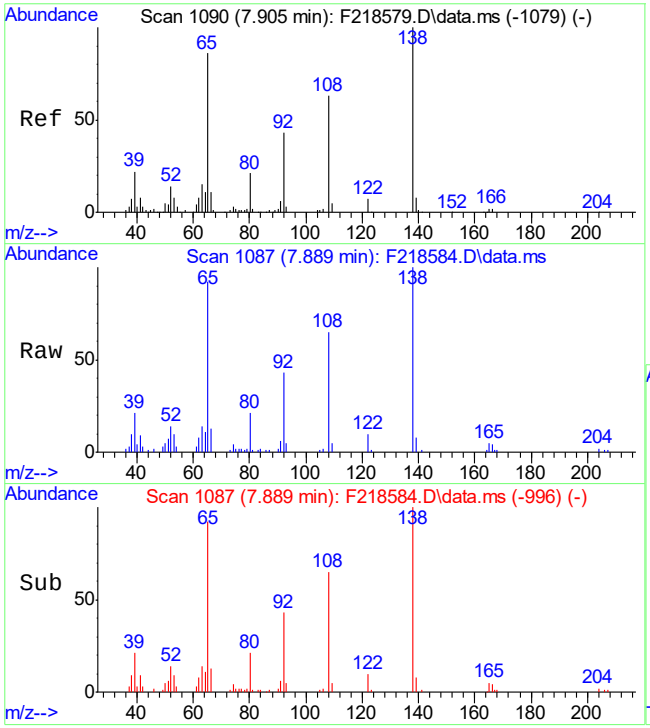


#67
4-Chlorophenyl-phenylether
Concen: 23.52 ppm
RT: 7.867 min Scan# 1083
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:204 Resp: 51694

Ion	Ratio	Lower	Upper
204	100		
206	33.5	2.1	62.1
141	57.5	26.8	86.8

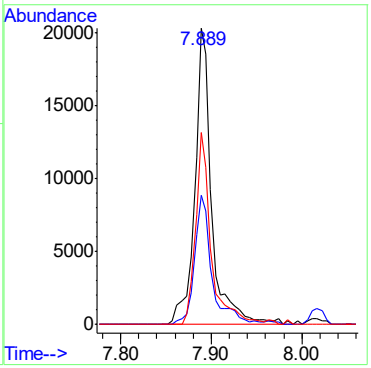


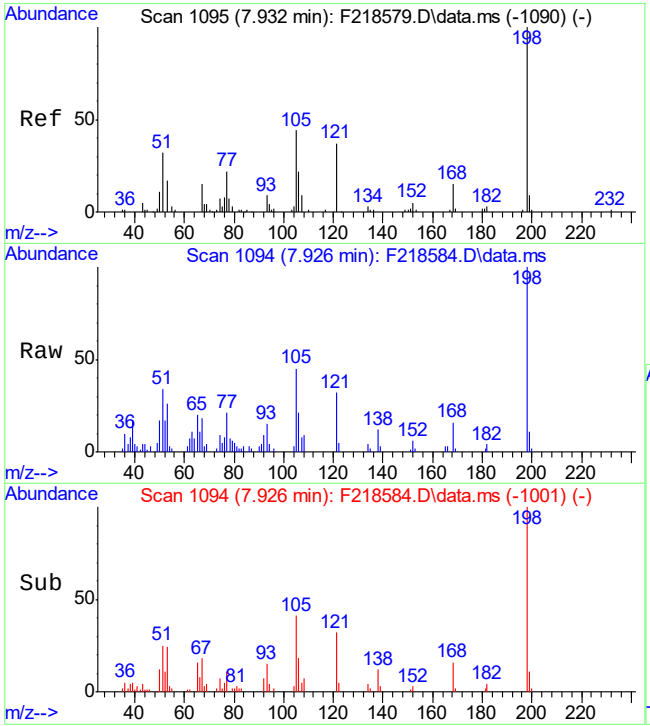


#68
4-Nitroaniline
Concen: 22.29 ppm
RT: 7.889 min Scan# 1087
Delta R.T. -0.016 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:138 Resp: 26750

Ion	Ratio	Lower	Upper
138	100		
92	43.5	13.3	73.3
108	64.8	32.8	92.8

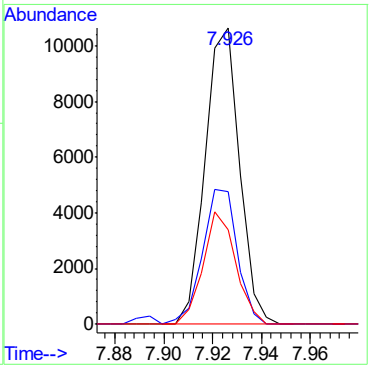


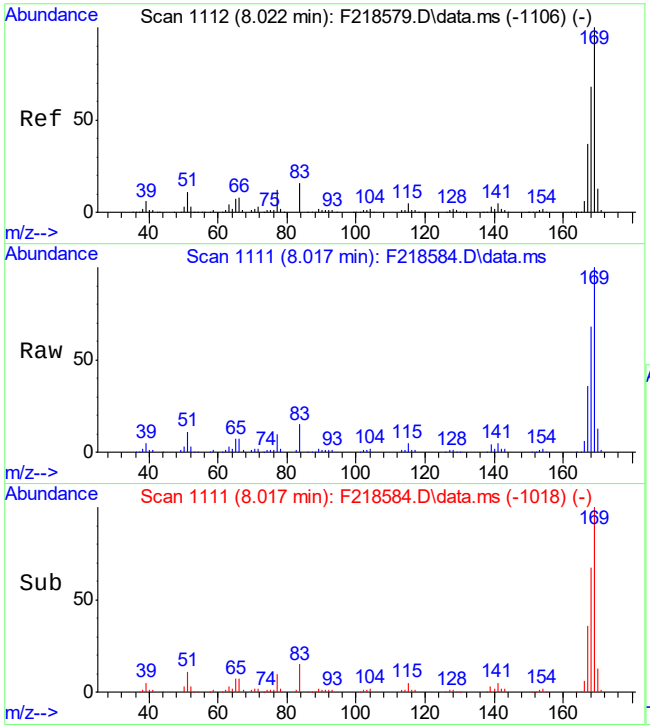


#70
4,6-Dinitro-2-methylphenol
Concen: 19.29 ppm
RT: 7.926 min Scan# 1094
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:198 Resp: 10378

Ion	Ratio	Lower	Upper
198	100		
105	44.6	14.8	74.8
121	31.8	7.1	67.1

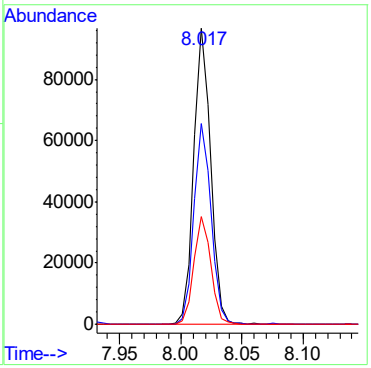


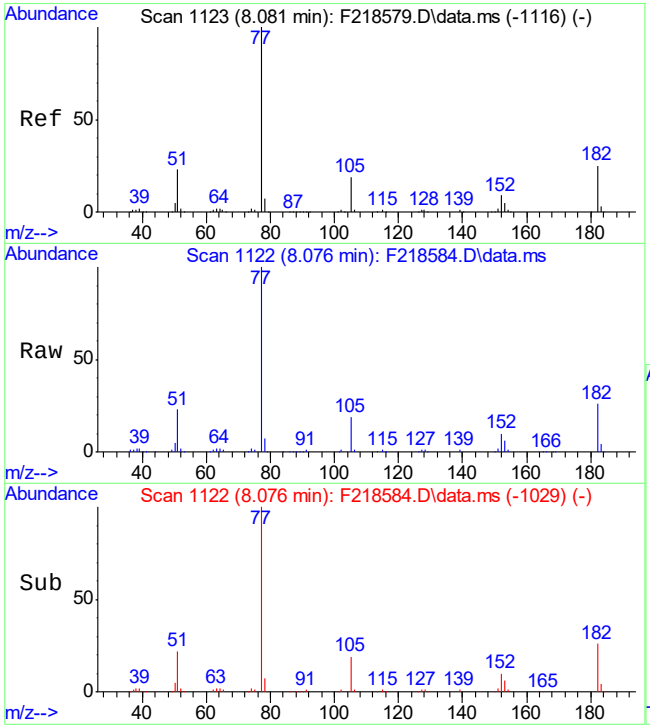


#71
n-Nitrosodiphenylamine
Concen: 23.27 ppm
RT: 8.017 min Scan# 1111
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:169 Resp: 92849

Ion	Ratio	Lower	Upper
169	100		
168	67.9	37.7	97.7
167	36.3	7.1	67.1

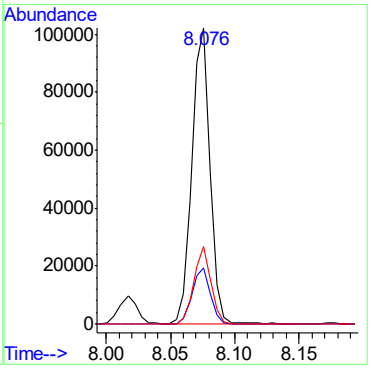


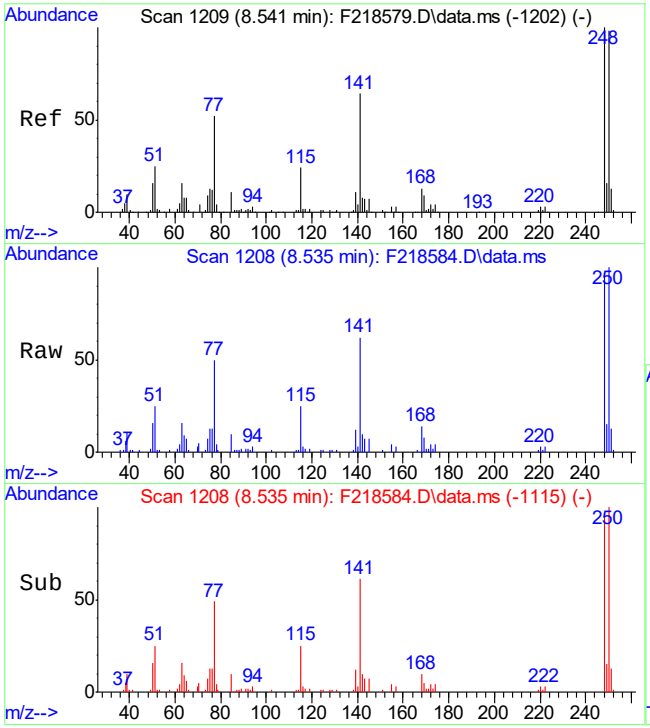


#72
1,2-Diphenylhydrazine
Concen: 22.62 ppm
RT: 8.076 min Scan# 1122
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 77 Resp: 101913

Ion	Ratio	Lower	Upper
77	100		
105	19.0	0.0	48.6
182	26.1	0.0	54.6

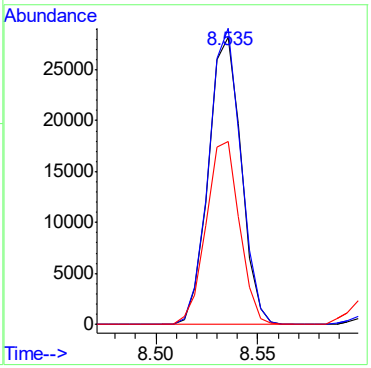


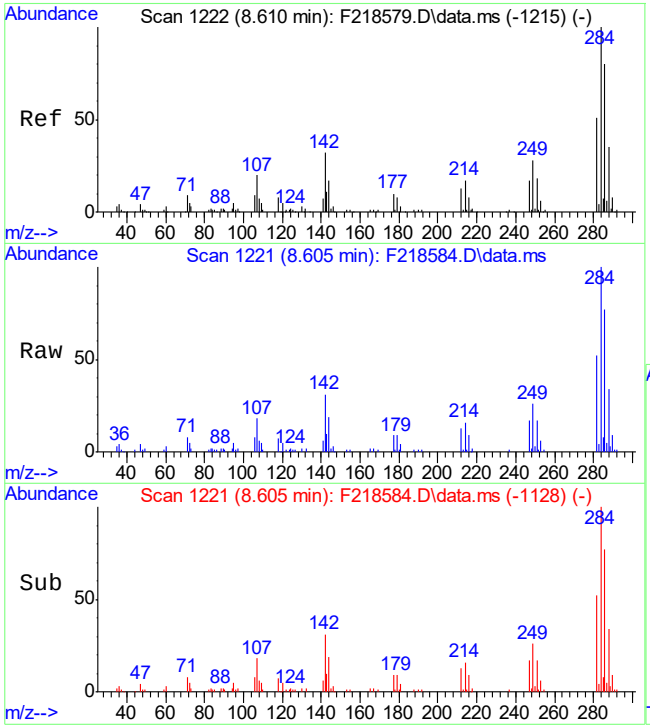


#74
4-Bromophenyl-phenylether
Concen: 22.76 ppm
RT: 8.535 min Scan# 1208
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:248 Resp: 31491

Ion	Ratio	Lower	Upper
248	100		
250	103.1	68.3	128.3
141	63.8	34.4	94.4

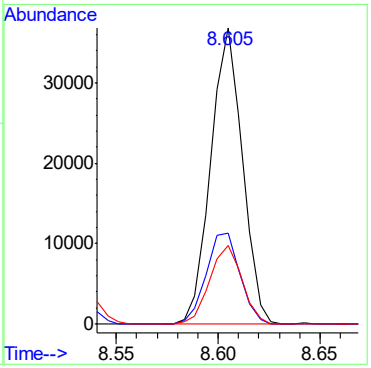


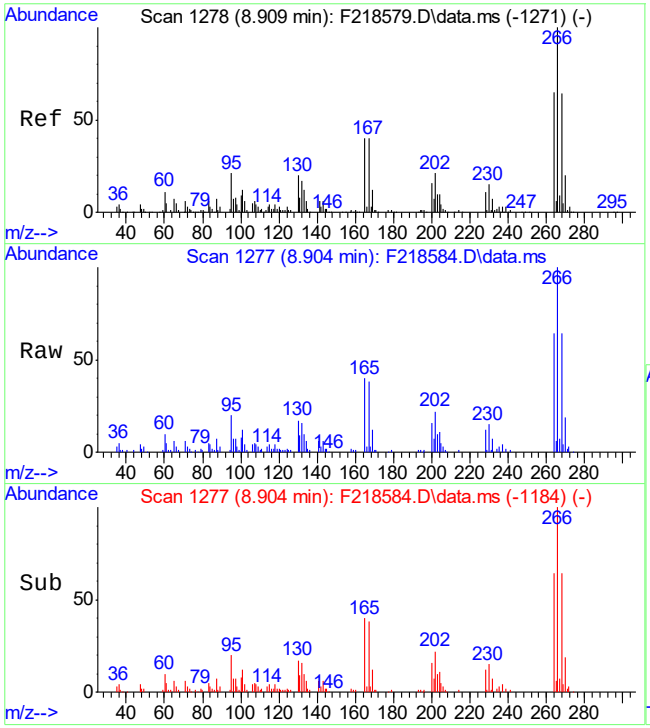


#75
Hexachlorobenzene
Concen: 23.24 ppm
RT: 8.605 min Scan# 1221
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:284 Resp: 39815

Ion	Ratio	Lower	Upper
284	100		
142	30.8	2.4	62.4
249	26.5	0.0	57.7

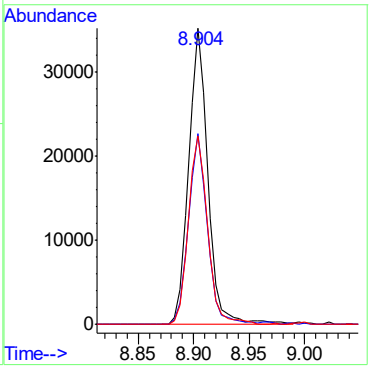


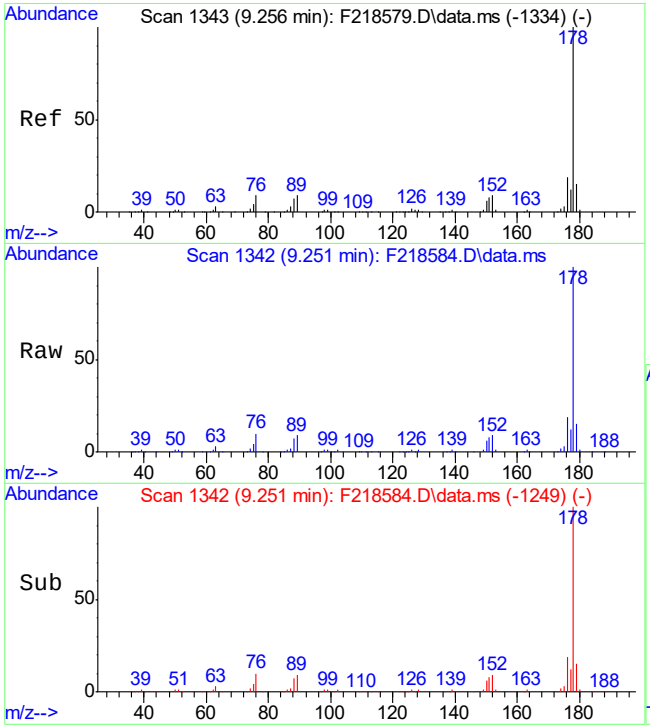


#76
Pentachlorophenol
Concen: 41.57 ppm
RT: 8.904 min Scan# 1277
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:266 Resp: 42158

Ion	Ratio	Lower	Upper
266	100		
264	64.2	34.7	94.7
268	63.4	33.8	93.8

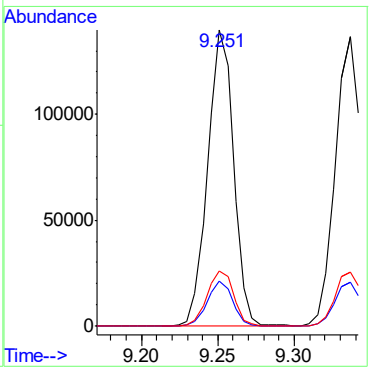


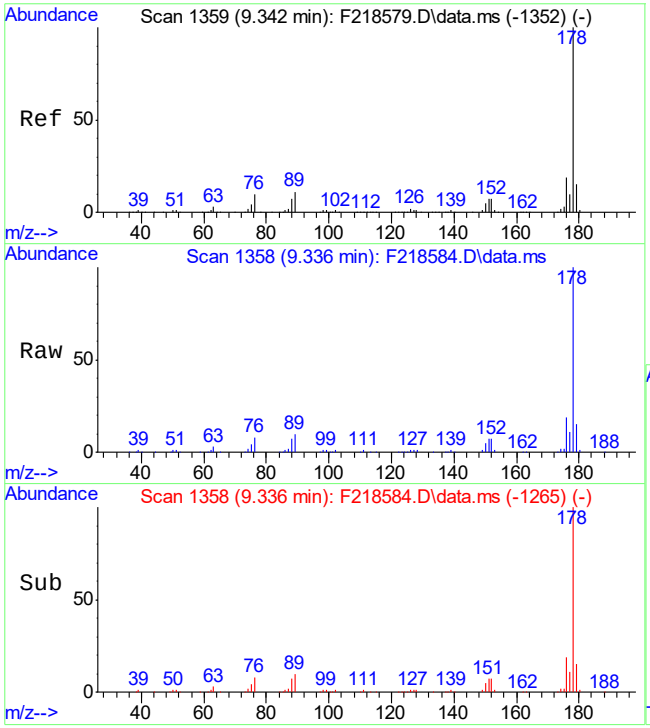


#77
Phenanthrene
Concen: 23.35 ppm
RT: 9.251 min Scan# 1342
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:178 Resp: 164356

Ion	Ratio	Lower	Upper
178	100		
179	15.2	0.0	45.2
176	18.5	0.0	48.7

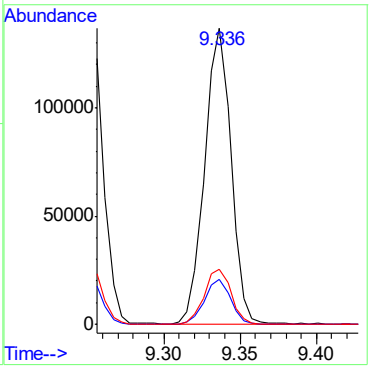


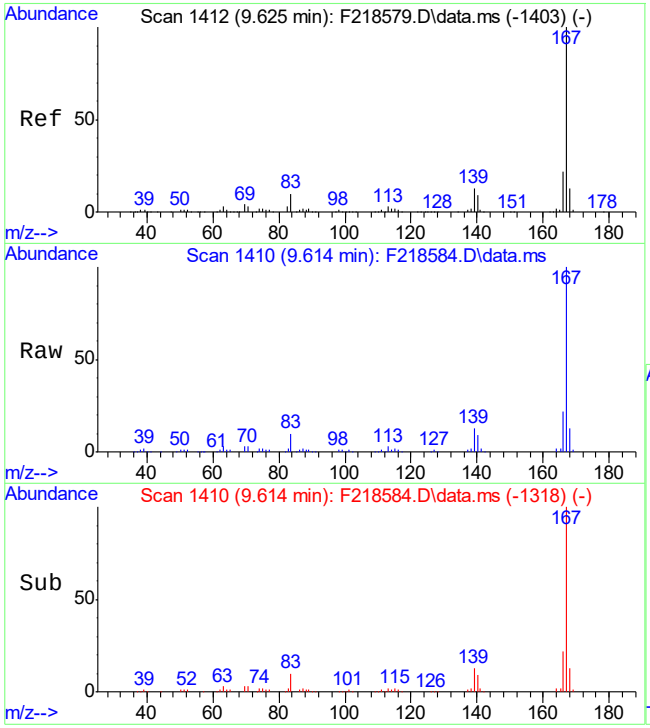


#78
Anthracene
Concen: 23.25 ppm
RT: 9.336 min Scan# 1358
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:178 Resp: 163887

Ion	Ratio	Lower	Upper
178	100		
179	15.1	0.0	45.2
176	18.7	0.0	48.6

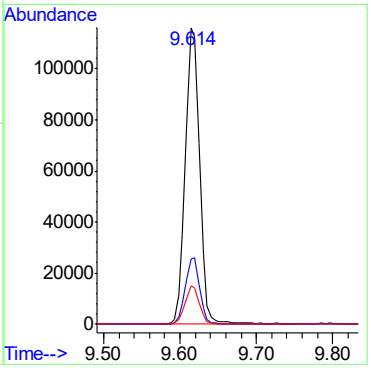


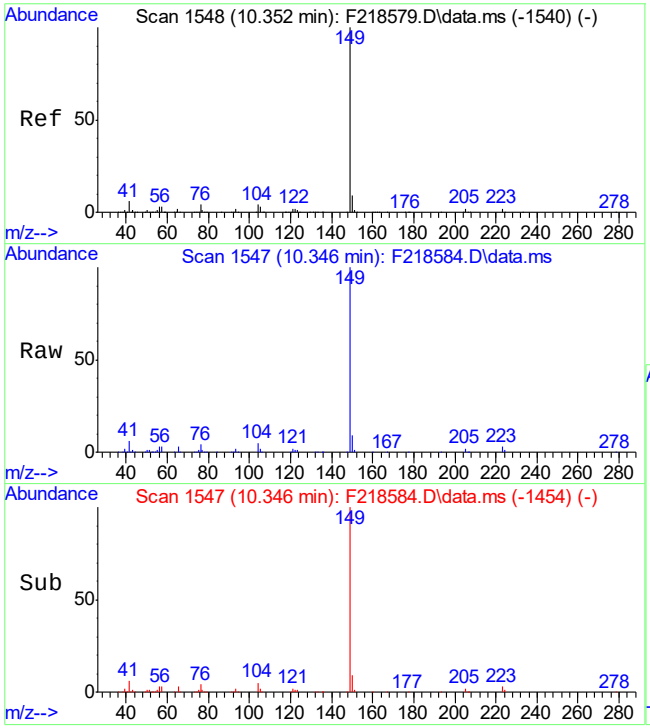


#79
Carbazole
Concen: 23.24 ppm
RT: 9.614 min Scan# 1410
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:167 Resp: 151324

Ion	Ratio	Lower	Upper
167	100		
166	22.1	0.0	52.1
139	12.9	0.0	42.7

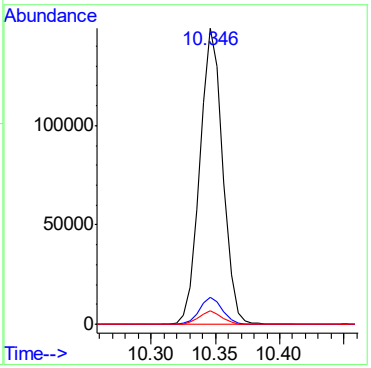


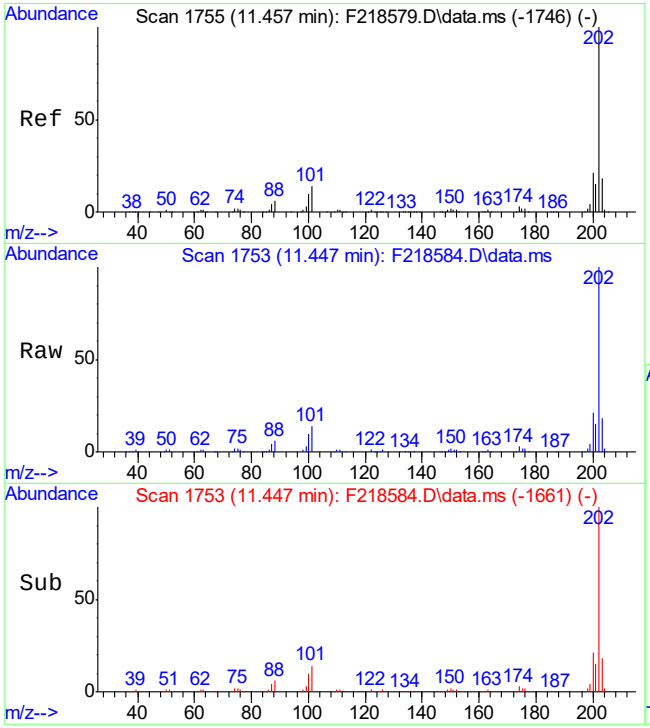


#80
Di-n-butylphthalate
Concen: 21.96 ppm
RT: 10.346 min Scan# 1547
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:149 Resp: 184944

Ion	Ratio	Lower	Upper
149	100		
150	9.2	0.0	39.1
104	4.5	0.0	34.5

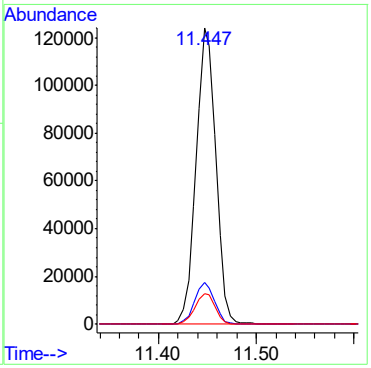


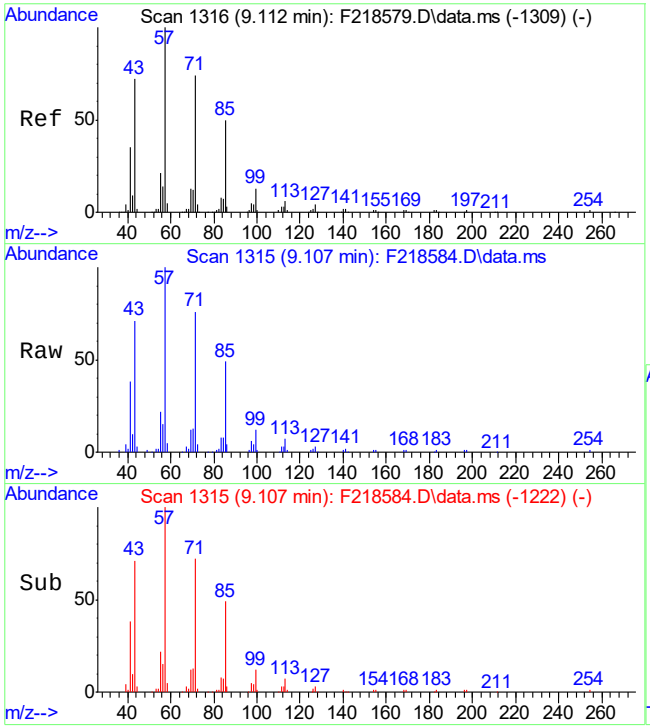


#81
Fluoranthene
Concen: 22.81 ppm
RT: 11.447 min Scan# 1753
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:202 Resp: 173429

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	43.8
100	10.4	0.0	40.4

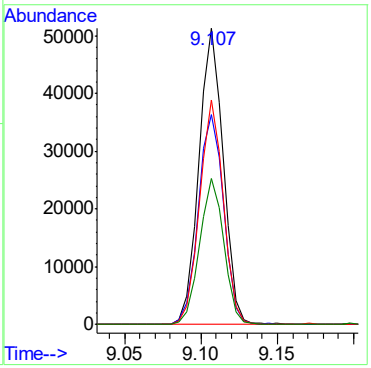


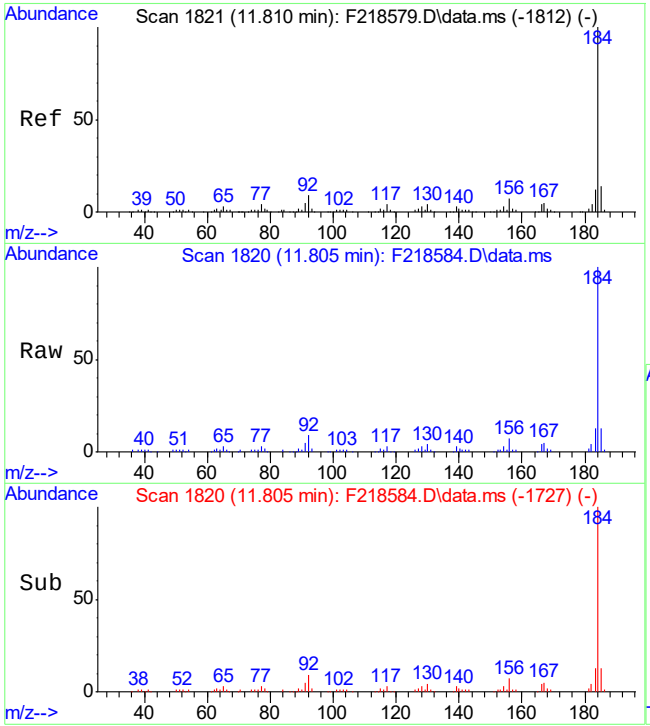


#82
Octadecane
Concen: 22.27 ppm
RT: 9.107 min Scan# 1315
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion: 57 Resp: 56257

Ion	Ratio	Lower	Upper
57	100		
43	70.7	42.0	102.0
71	75.7	43.7	103.7
85	49.1	20.3	80.3

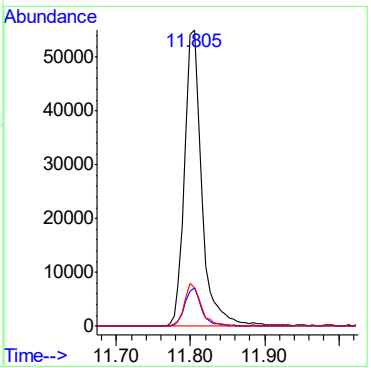


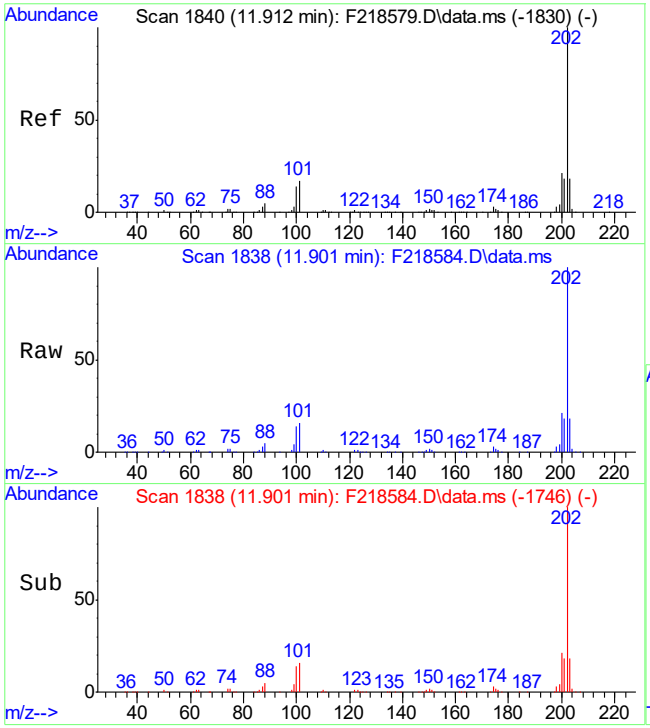


#84
Benzidine
Concen: 20.12 ppm
RT: 11.805 min Scan# 1820
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:184 Resp: 88178

Ion	Ratio	Lower	Upper
184	100		
183	13.1	0.0	61.9
185	13.0	0.0	63.7

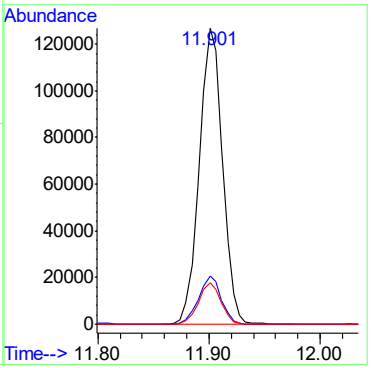


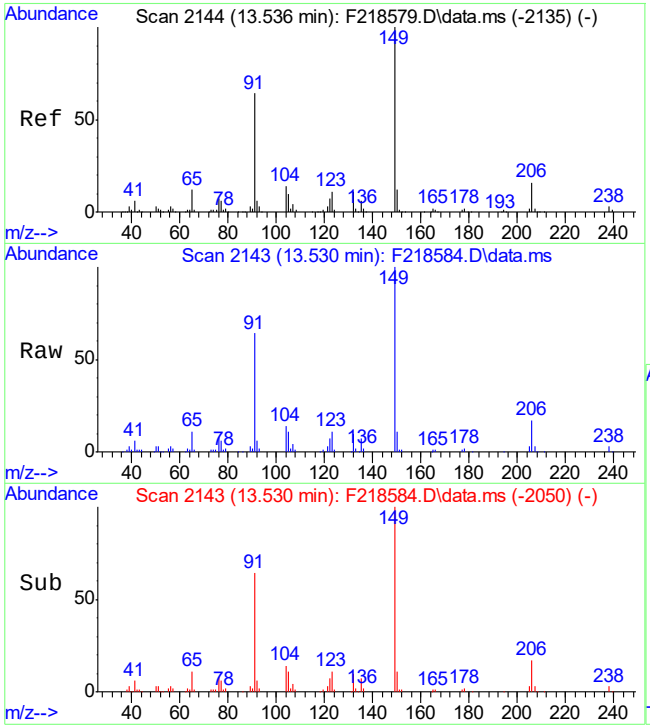


#85
Pyrene
Concen: 23.37 ppm
RT: 11.901 min Scan# 1838
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:202 Resp: 183190

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	46.8
100	13.9	0.0	44.1

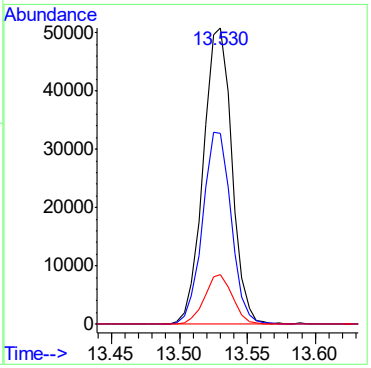


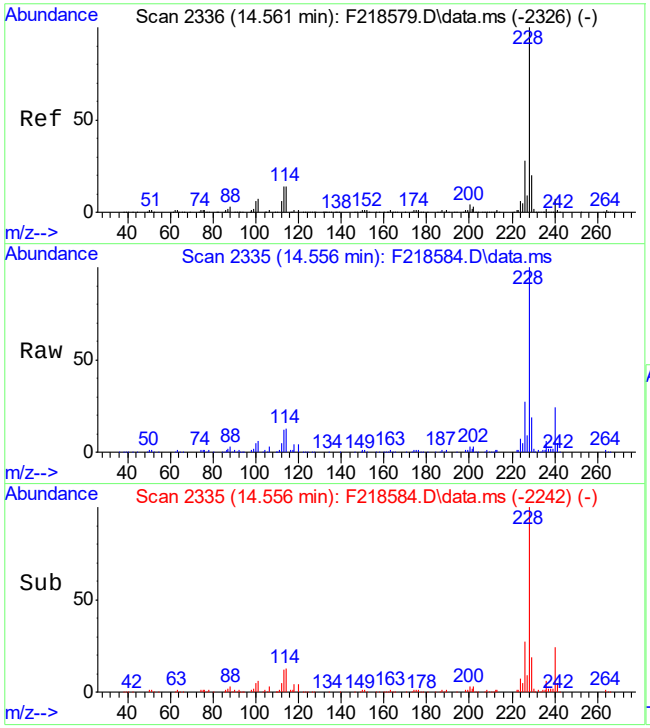


#87
Butylbenzylphthalate
Concen: 20.92 ppm
RT: 13.530 min Scan# 2143
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:149 Resp: 74457

Ion	Ratio	Lower	Upper
149	100		
91	64.4	34.1	94.1
206	16.6	0.0	46.0

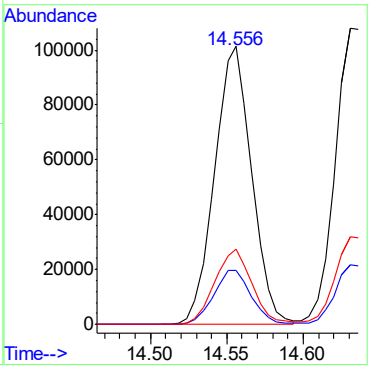


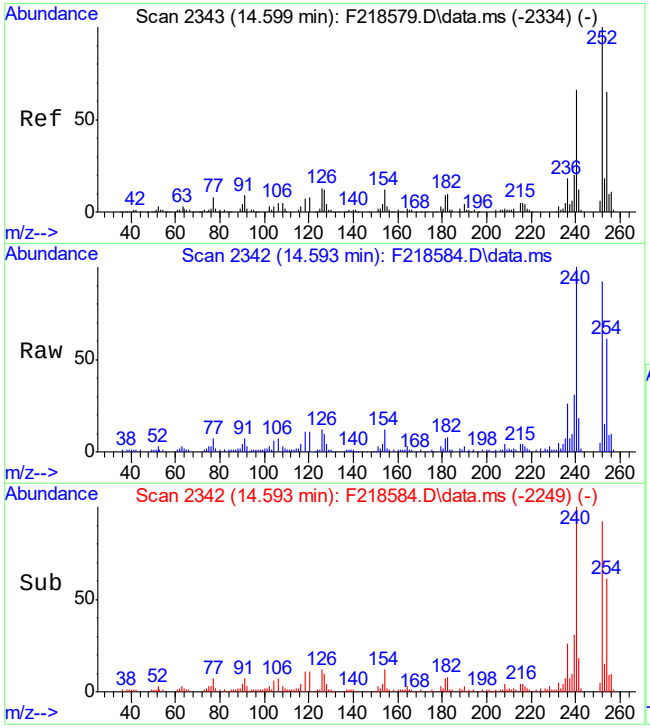


#88
Benzo[a]anthracene
Concen: 22.72 ppm
RT: 14.556 min Scan# 2335
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:228 Resp: 171068

Ion	Ratio	Lower	Upper
228	100		
229	19.4	0.0	50.4
226	27.0	0.0	57.6

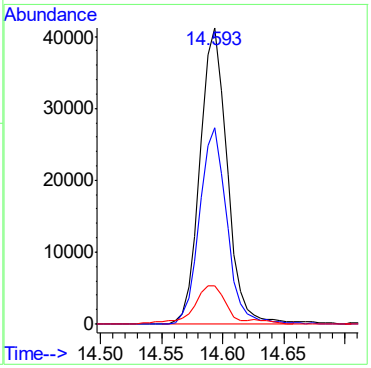


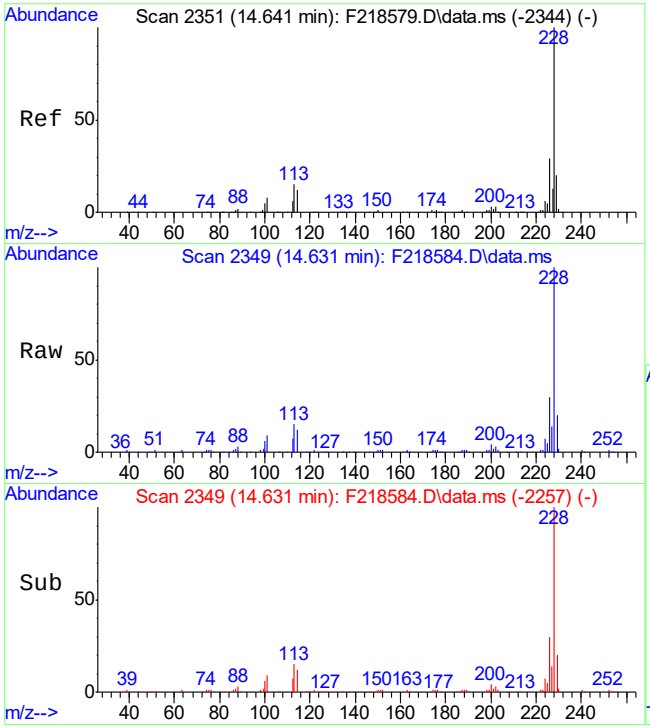


#89
3,3'-Dichlorobenzidine
Concen: 20.92 ppm
RT: 14.593 min Scan# 2342
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:252 Resp: 63251

Ion	Ratio	Lower	Upper
252	100		
254	66.1	34.6	94.6
126	12.6	0.0	43.3

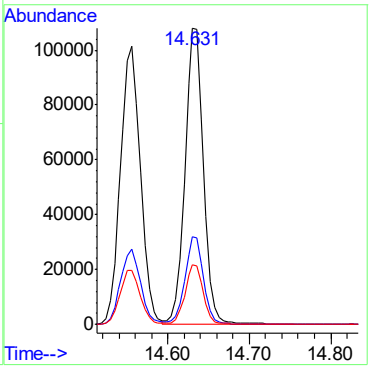


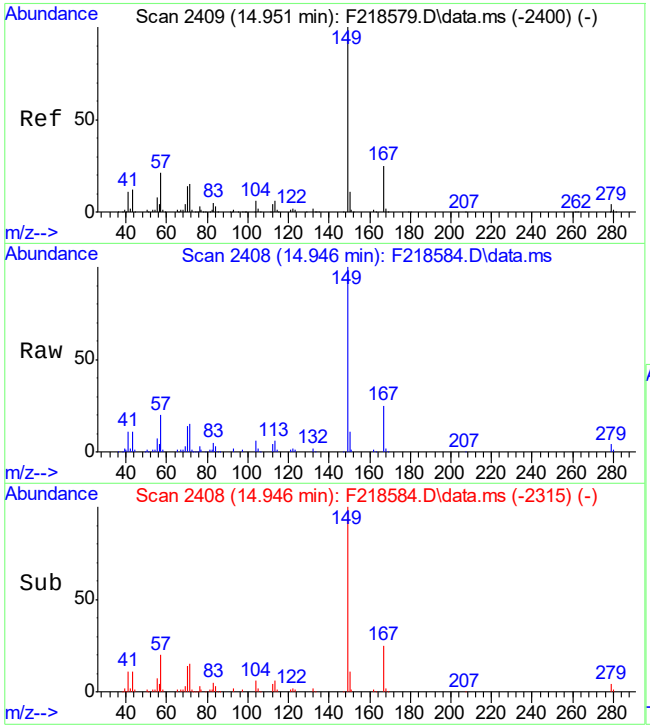


#90
Chrysene
Concen: 23.46 ppm
RT: 14.631 min Scan# 2349
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:228 Resp: 171832

Ion	Ratio	Lower	Upper
228	100		
226	29.3	0.0	58.8
229	20.3	0.0	49.7

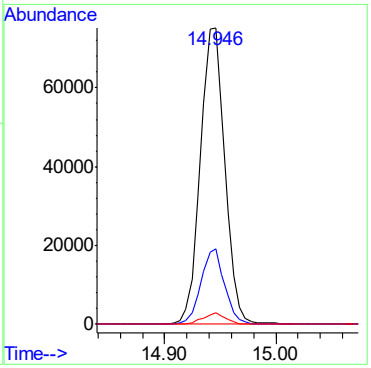


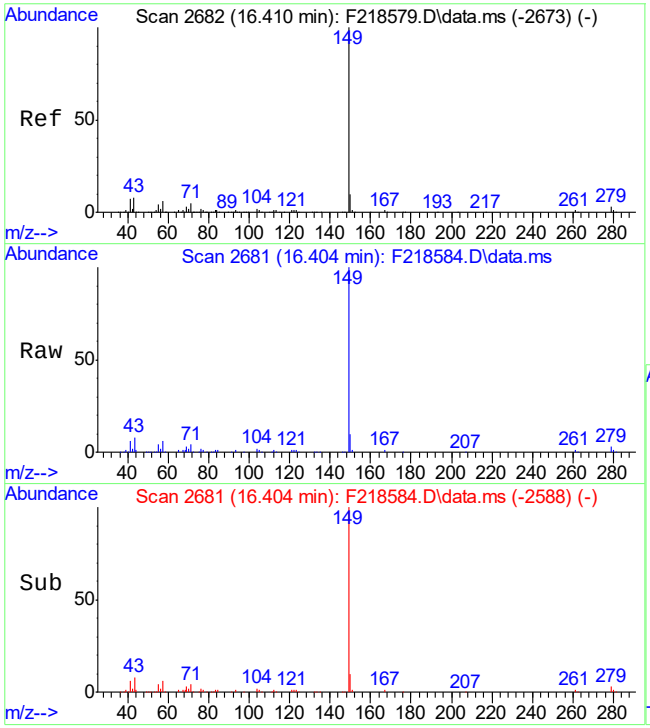


#91
bis(2-Ethylhexyl)phthalate
Concen: 21.14 ppm
RT: 14.946 min Scan# 2408
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:149 Resp: 114718

Ion	Ratio	Lower	Upper
149	100		
167	25.4	0.0	55.1
279	3.8	0.0	33.8

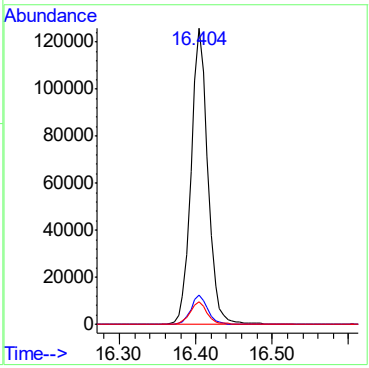


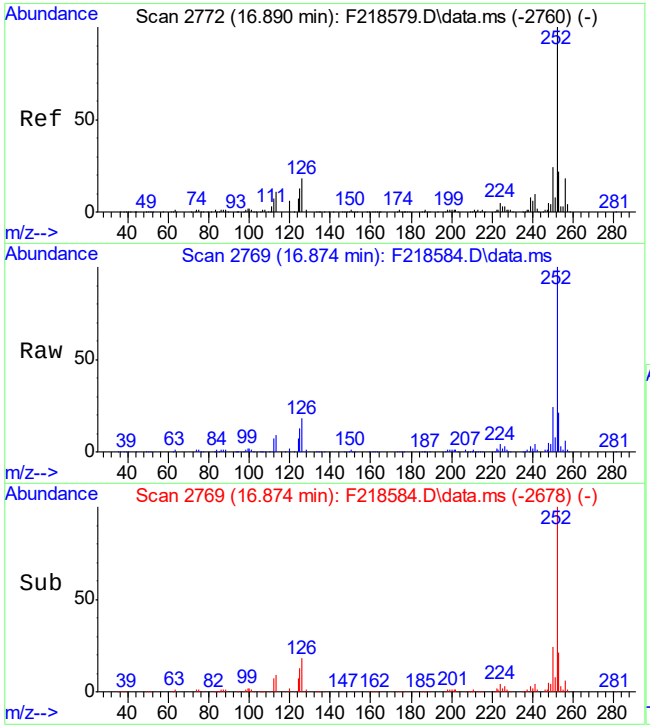


#93
Di-n-octylphthalate
Concen: 19.21 ppm
RT: 16.404 min Scan# 2681
Delta R.T. -0.005 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:149 Resp: 190772

Ion	Ratio	Lower	Upper
149	100		
150	9.8	0.0	39.5
43	7.6	0.0	37.6

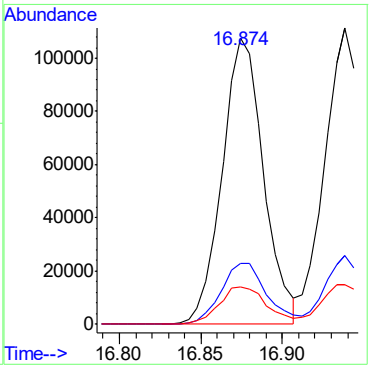


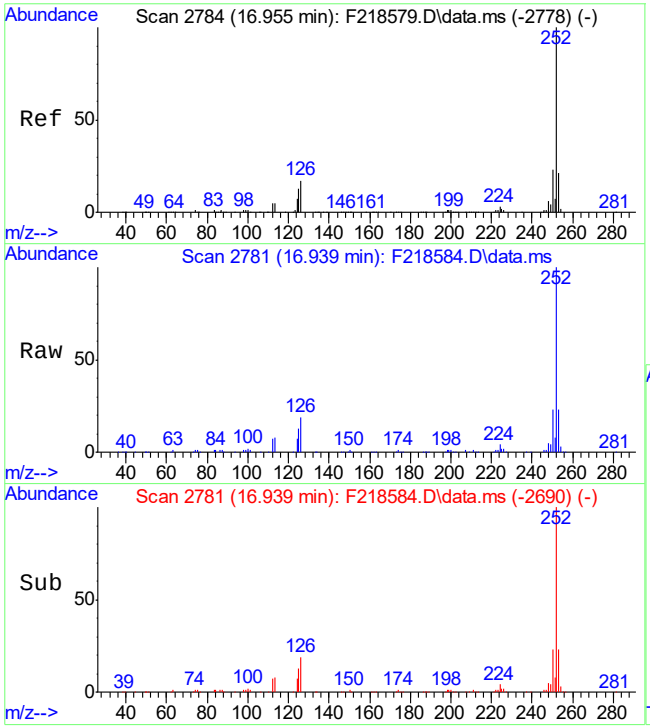


#94
Benzo[b]fluoranthene
Concen: 21.15 ppm
RT: 16.874 min Scan# 2769
Delta R.T. -0.016 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:252 Resp: 190439

Ion	Ratio	Lower	Upper
252	100		
253	20.4	0.0	51.6
125	12.3	0.0	43.1

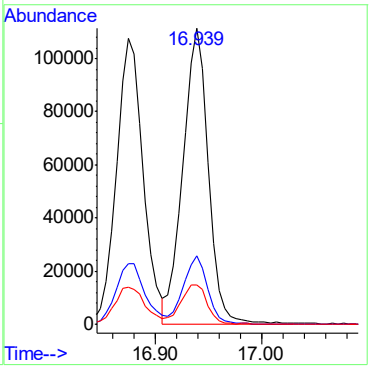


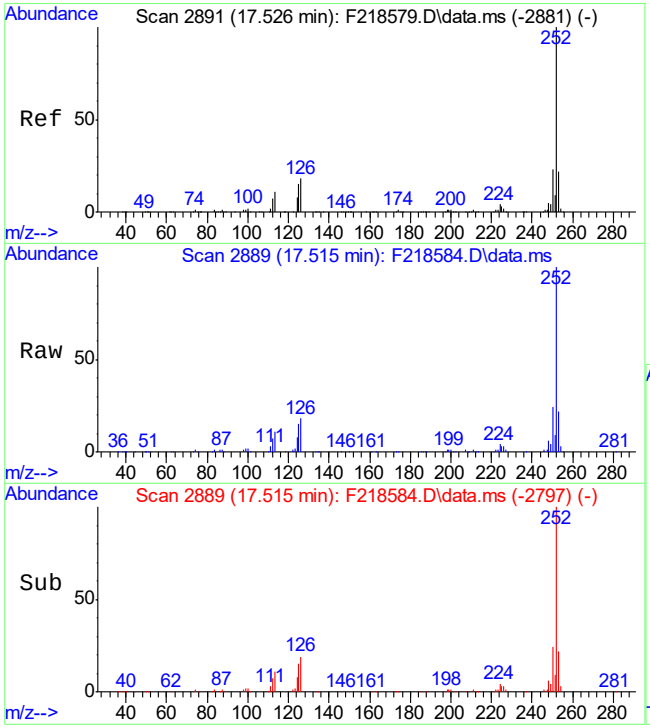


#95
Benzo[k]fluoranthene
Concen: 22.39 ppm
RT: 16.939 min Scan# 2781
Delta R.T. -0.016 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:252 Resp: 184846

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	51.4
125	12.8	0.0	43.5

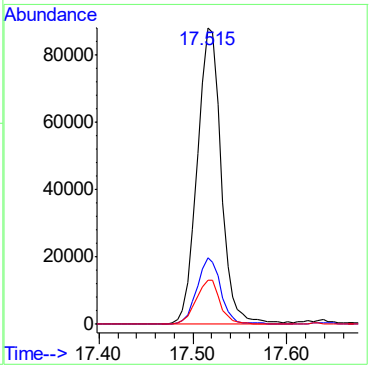


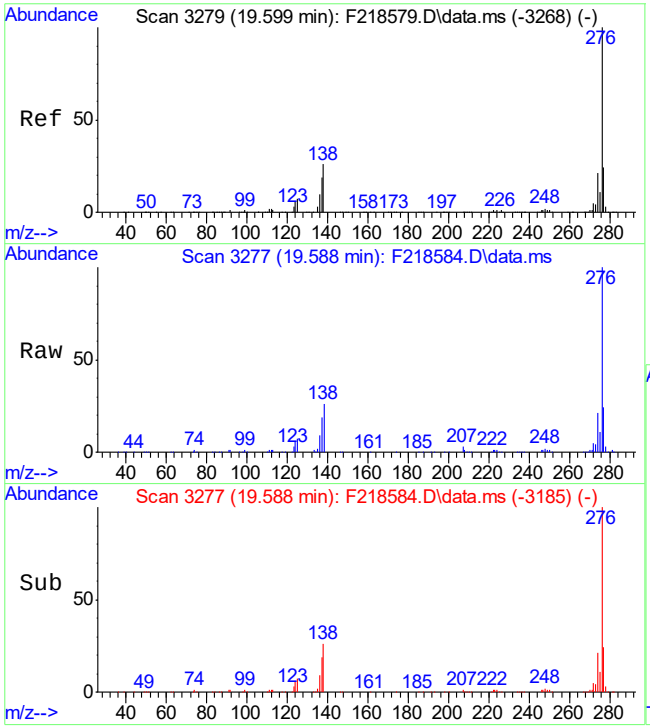


#96
Benzo[a]pyrene
Concen: 21.32 ppm
RT: 17.515 min Scan# 2889
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:252 Resp: 155694

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	51.8
125	14.9	0.0	45.1

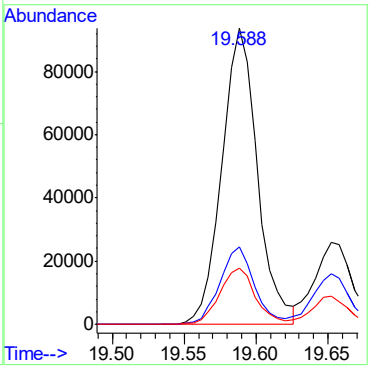


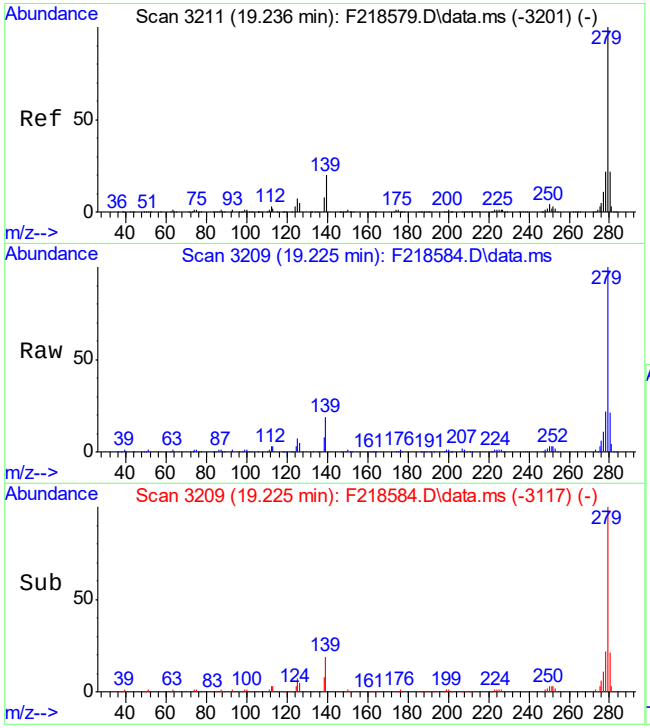


#97
Indeno[1,2,3-cd]pyrene
Concen: 20.89 ppm
RT: 19.588 min Scan# 3277
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:276 Resp: 160211

Ion	Ratio	Lower	Upper
276	100		
138	25.5	0.0	55.9
137	18.6	0.0	49.3

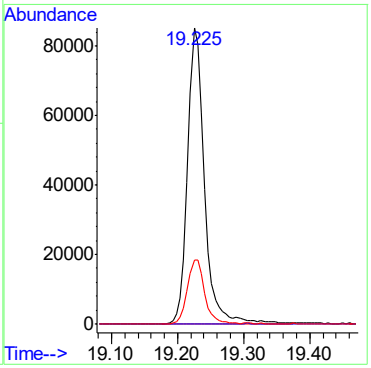


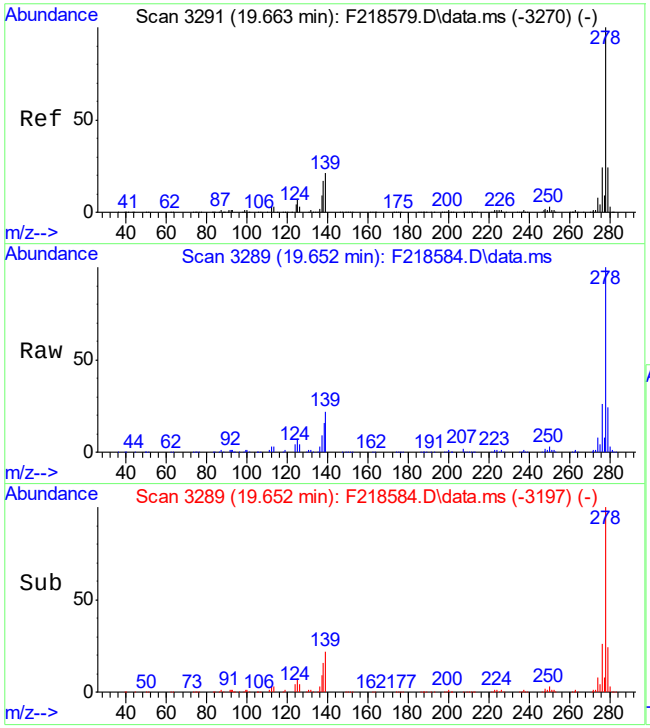


#98
Dibenz(a,h)acridine
Concen: 20.99 ppm
RT: 19.225 min Scan# 3209
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:279 Resp: 151006

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	21.4	0.0	52.5

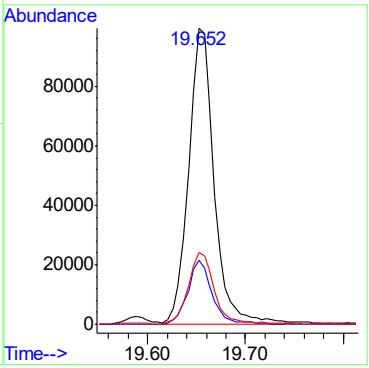


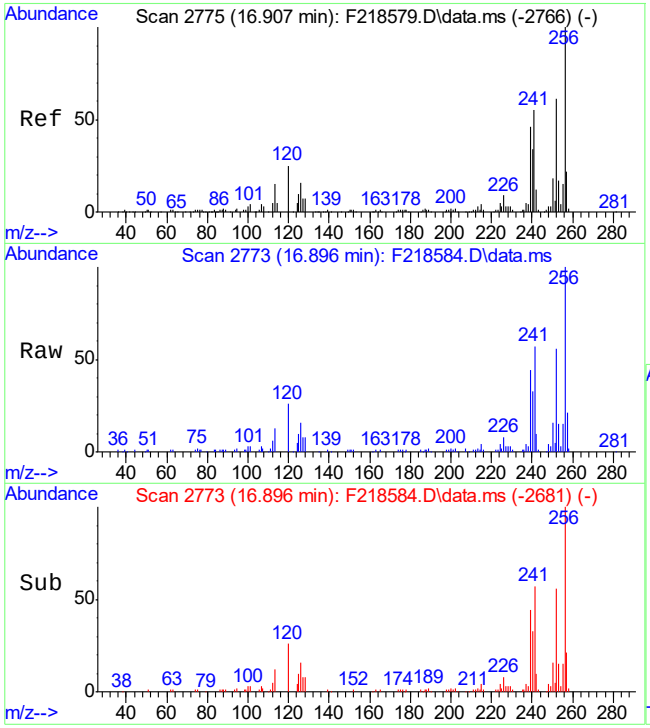


#99
Dibenz[a,h]anthracene
Concen: 20.37 ppm
RT: 19.652 min Scan# 3289
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:278 Resp: 180528

Ion	Ratio	Lower	Upper
278	100		
139	21.6	0.0	50.6
279	24.1	0.0	53.9

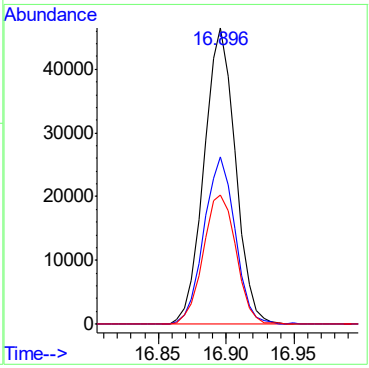


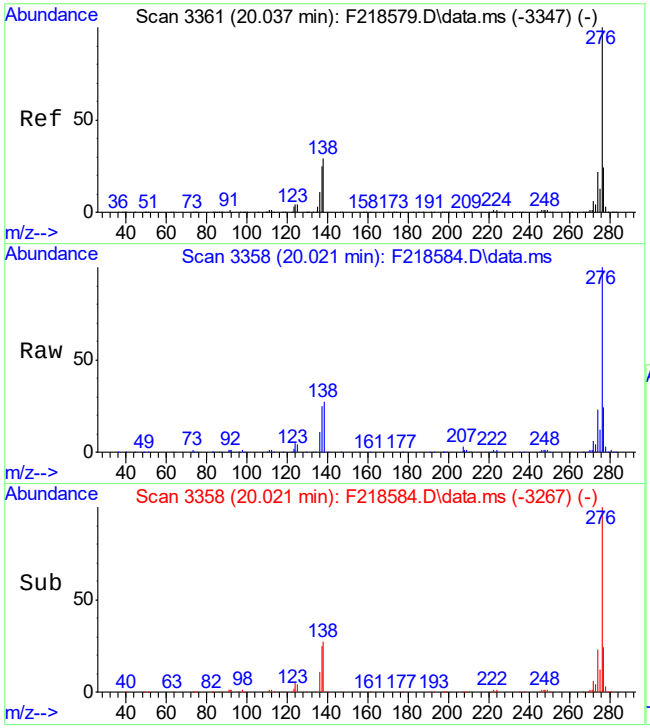


#100
7,12-Dimethylbenz(a)anthracene
Concen: 19.28 ppm
RT: 16.896 min Scan# 2773
Delta R.T. -0.011 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:256 Resp: 74926

Ion	Ratio	Lower	Upper
256	100		
241	56.3	24.8	84.8
239	43.7	16.4	76.4

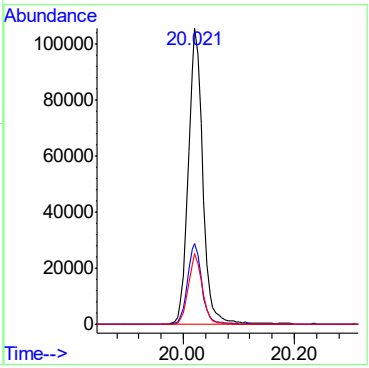




#101
Benzo[g,h,i]perylene
Concen: 21.83 ppm
RT: 20.021 min Scan# 3358
Delta R.T. -0.016 min
Lab File: F218584.D
Acq: 24 Jan 2024 1:53 pm

Tgt Ion:276 Resp: 190509

Ion	Ratio	Lower	Upper
276	100		
138	27.1	0.0	58.6
277	23.8	0.0	53.9



F218585.D

Manual Integrations APPROVED (compounds with "m" flag)

Nina Pandya 01/29/24 19:23

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218585.D
Acq On : 24 Jan 2024 2:18 pm
Operator : ninap
Sample : ic9690-80
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 10:16:50 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	72085	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	275785	40.00	ppm	0.00
46) Acenaphthene-d10	7.242	164	147961	40.00	ppm	0.00
69) Phenanthrene-d10	9.219	188	273059	40.00	ppm	0.00
83) Chrysene-d12	14.588	240	258052	40.00	ppm	0.00
92) Perylene-d12	17.644	264	303820	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	72085	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	275785	40.00	ppm	0.00
121) Acenaphthene-d10A	7.242	164	147961	40.00	ppm	0.00
132) Phenanthrene-d10A	9.219	188	273059	40.00	ppm	0.00
147) Chrysene-d12A	14.588	240	258052	40.00	ppm	0.00
154) Perylene-d12A	17.644	264	303820	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	72085	40.00	ppm	0.00
159) Phenanthrene-d10b	9.219	188	273059	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	275785	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	275785	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	72085	40.00	ppm	0.00
169) Chrysene-d12c	14.588	240	258052	40.00	ppm	0.00
171) Chrysene-d12d	14.588	240	258052	40.00	ppm	0.00
173) Naphthalene-d8d	5.757	136	275785	40.00	ppm	0.00
175) Chrysene-d12e	14.588	240	258052	40.00	ppm	0.00
177) Perylene-d12b	17.644	264	303820	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	275785	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.962	112	166725	85.75	ppm	0.00
Spiked Amount 50.000			Recovery = 171.50%			
8) Phenol-d5	4.593	99	197793	86.04	ppm	0.00
Spiked Amount 50.000			Recovery = 172.08%			
25) Nitrobenzene-d5	5.250	82	171322	85.87	ppm	0.00
Spiked Amount 50.000			Recovery = 171.74%			
51) 2-Fluorobiphenyl	6.591	172	417730	89.38	ppm	0.00
Spiked Amount 50.000			Recovery = 178.76%			
73) 2,4,6-Tribromophenol	8.183	330	72068	88.18	ppm	0.00
Spiked Amount 50.000			Recovery = 176.36%			
86) Terphenyl-d14	12.350	244	511220	84.51	ppm	0.00
Spiked Amount 50.000			Recovery = 169.02%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.830	88	69069	85.43	ppm	94
3) Pyridine	3.070	79	186955	82.32	ppm	99
4) N-Nitrosodimethylamine	3.038	42	58213	84.12	ppm	97
6) Indene	5.047	116	304606	86.19	ppm	98
7) Cumene	4.326	105	377966	85.34	ppm	99
9) Phenol	4.603	94	214961	86.26	ppm	95
10) Aniline	4.641	93	260933	82.96	ppm	77
11) bis(2-Chloroethyl)ether	4.678	93	162084	86.53	ppm	99
12) 2-Chlorophenol	4.721	128	186487	86.39	ppm	99
13) Decane	4.742	43	151328	84.03	ppm	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218585.D
Acq On : 24 Jan 2024 2:18 pm
Operator : ninap
Sample : ic9690-80
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 10:16:50 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
14) 1,3-Dichlorobenzene	4.828	146	214137	85.93	ppm		99
15) 1,4-Dichlorobenzene	4.881	146	220453	86.06	ppm		98
16) Benzyl alcohol	4.956	108	117522	85.25	ppm		99
17) 1,2-Dichlorobenzene	4.983	146	210351	86.92	ppm		99
18) Acetophenone	5.143	105	253667	84.34	ppm		96
19) 2-Methylphenol	5.020	108	161839	85.30	ppm		99
20) 2,2'-oxybis(1-Chloropr...	5.047	121	48835	82.43	ppm	#	87
21) 3&4-Methylphenol	5.132	108	339356	169.95	ppm		98
22) n-Nitroso-di-n-propyla...	5.148	70	119748	83.33	ppm		99
23) Hexachloroethane	5.223	201	74196	87.27	ppm		97
26) Nitrobenzene	5.266	77	174277	84.23	ppm		99
27) Quinoline	6.030	129	351845	85.18	ppm		98
28) Isophorone	5.437	82	315494	85.00	ppm		98
29) 2-Nitrophenol	5.485	139	90045	89.82	ppm		99
30) 2,4-Dimethylphenol	5.506	107	176378	85.73	ppm		95
31) Benzoic acid	5.602	105	105328	72.09	ppm		97
32) bis(2-Chloroethoxy)met...	5.576	93	203410	84.79	ppm		99
33) 2,4-Dichlorophenol	5.650	162	158324	89.38	ppm		99
34) 2,6-Dichlorophenol	5.811	162	158735	88.84	ppm		99
35) 1,3,5-Trichlorobenzene	5.496	180	188468	89.81	ppm		99
36) 1,2,4-Trichlorobenzene	5.715	180	179628	89.22	ppm		98
37) 1,2,3-Trichlorobenzene	5.875	180	175439	89.09	ppm		98
38) Naphthalene	5.773	128	550678	85.20	ppm		99
39) 4-Chloroaniline	5.811	127	237595	85.99	ppm		97
40) 2,3-Dichloroaniline	6.521	161	182262	86.66	ppm		99
41) Hydroquinone	6.083	110	155152m	84.10	ppm		
42) Hexachlorobutadiene	5.853	225	100973	90.15	ppm		97
43) 4-Chloro-3-methylphenol	6.158	107	142444	87.53	ppm		79
44) 2-Methylnaphthalene	6.292	141	325339	88.20	ppm		100
45) 1-Methylnaphthalene	6.372	142	340196	87.33	ppm		99
47) Hexachlorocyclopentadiene	6.414	237	178605	190.52	ppm		99
48) 1,2,4,5-tetrachloroben...	6.425	216	177444	90.25	ppm		99
49) 2,4,6-Trichlorophenol	6.521	196	110555	89.94	ppm		100
50) 2,4,5-Trichlorophenol	6.548	196	120275	88.24	ppm		99
52) 2-Chloronaphthalene	6.703	162	346238	86.69	ppm		99
53) Biphenyl	6.681	154	453897	88.73	ppm		100
54) 2-Nitroaniline	6.799	65	80970	87.57	ppm		88
55) Dimethylphthalate	6.970	163	389193	89.70	ppm		99
56) Acenaphthylene	7.098	152	450936	94.04	ppm		99
57) 2,6-Dinitrotoluene	7.023	165	79007	91.32	ppm		97
58) 3-Nitroaniline	7.210	138	95691	90.41	ppm		92
59) Acenaphthene	7.280	153	386771	88.54	ppm		98
60) 2,4-Dinitrophenol	7.312	184	72709	180.85	ppm		92
61) 4-Nitrophenol	7.360	109	44725	88.74	ppm		97
62) Dibenzofuran	7.467	168	492474	87.82	ppm		100
63) 2,4-Dinitrotoluene	7.451	165	104817	90.80	ppm		93
64) 2,3,4,6-Tetrachlorophenol	7.600	232	95930	89.07	ppm		98
65) Diethylphthalate	7.739	149	392253	88.90	ppm		100
66) Fluorene	7.873	166	400582	90.01	ppm		99
67) 4-Chlorophenyl-phenyle...	7.873	204	187586	91.19	ppm		97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218585.D
Acq On : 24 Jan 2024 2:18 pm
Operator : ninap
Sample : ic9690-80
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 10:16:50 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

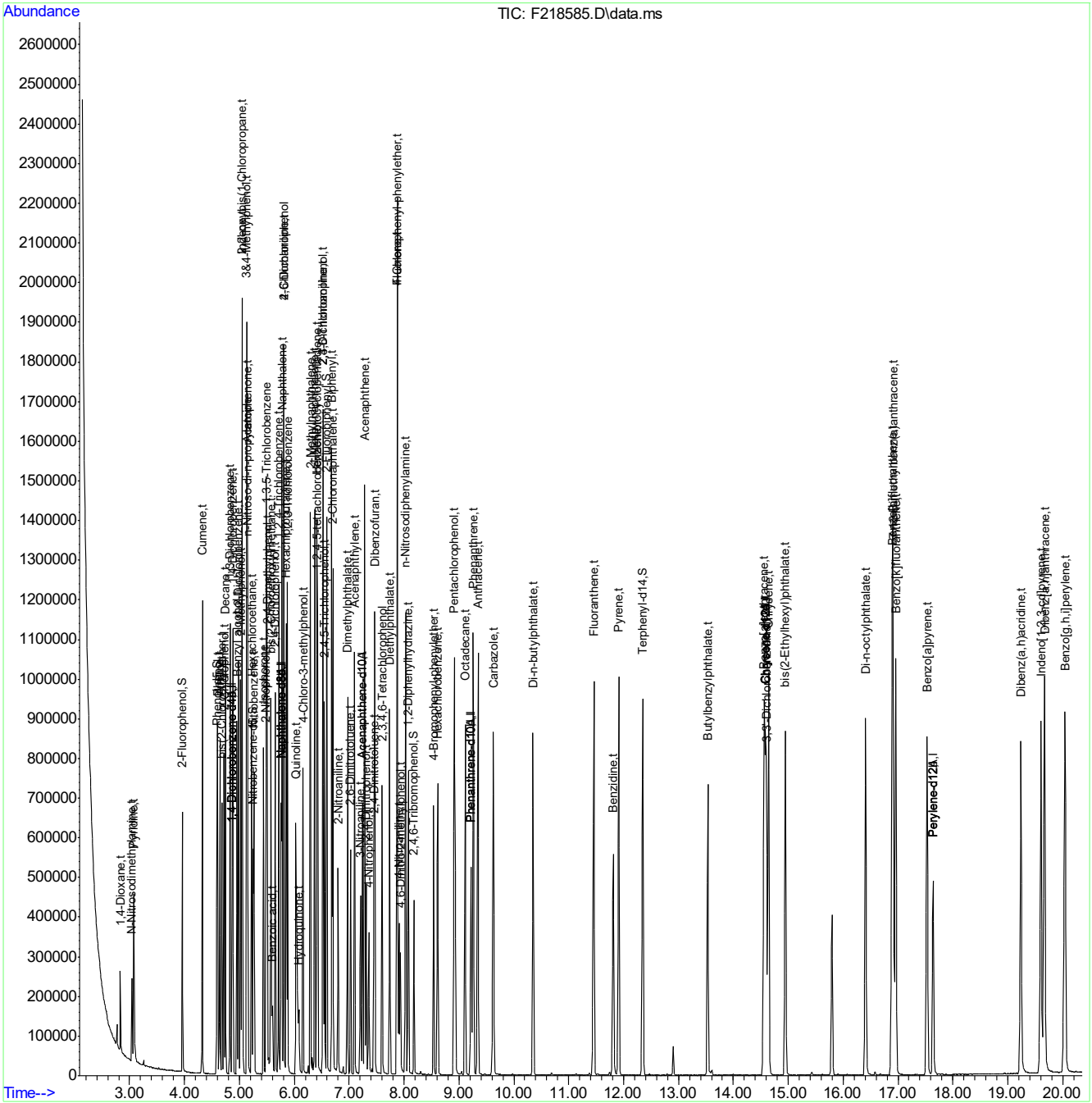
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 4-Nitroaniline	7.910	138	91995	81.92	ppm	99
70) 4,6-Dinitro-2-methylph...	7.937	198	46640	92.34	ppm	96
71) n-Nitrosodiphenylamine	8.028	169	323499	86.38	ppm	100
72) 1,2-Diphenylhydrazine	8.081	77	353516	83.56	ppm	98
74) 4-Bromophenyl-phenylether	8.541	248	114576	88.21	ppm	99
75) Hexachlorobenzene	8.610	284	138700	86.24	ppm	98
76) Pentachlorophenol	8.915	266	171884	180.56	ppm	98
77) Phenanthrene	9.262	178	571152	86.44	ppm	100
78) Anthracene	9.347	178	583078	88.10	ppm	99
79) Carbazole	9.625	167	535796	87.67	ppm	99
80) Di-n-butylphthalate	10.352	149	682344	86.28	ppm	99
81) Fluoranthene	11.457	202	621946	87.14	ppm	100
82) Octadecane	9.112	57	197949	83.45	ppm	100
84) Benzidine	11.815	184	367803	86.71	ppm	99
85) Pyrene	11.912	202	653700	86.19	ppm	99
87) Butylbenzylphthalate	13.536	149	294385	85.46	ppm	99
88) Benzo[a]anthracene	14.561	228	630721	86.58	ppm	97
89) 3,3'-Dichlorobenzidine	14.604	252	255908	87.46	ppm	99
90) Chrysene	14.647	228	607717	85.73	ppm	98
91) bis(2-Ethylhexyl)phtha...	14.946	149	446681	85.08	ppm	98
93) Di-n-octylphthalate	16.410	149	776294	82.13	ppm	100
94) Benzo[b]fluoranthene	16.896	252	714037	83.33	ppm	96
95) Benzo[k]fluoranthene	16.960	252	664582	84.59	ppm	100
96) Benzo[a]pyrene	17.532	252	582312	83.78	ppm	100
97) Indeno[1,2,3-cd]pyrene	19.610	276	616947	84.51	ppm	96
98) Dibenz(a,h)acridine	19.241	279	576929	84.27	ppm	99
99) Dibenz[a,h]anthracene	19.674	278	682657	80.93	ppm	100
100) 7,12-Dimethylbenz(a)an...	16.912	256	303703	82.12	ppm	100
101) Benzo[g,h,i]perylene	20.048	276	697445	83.96	ppm	97

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

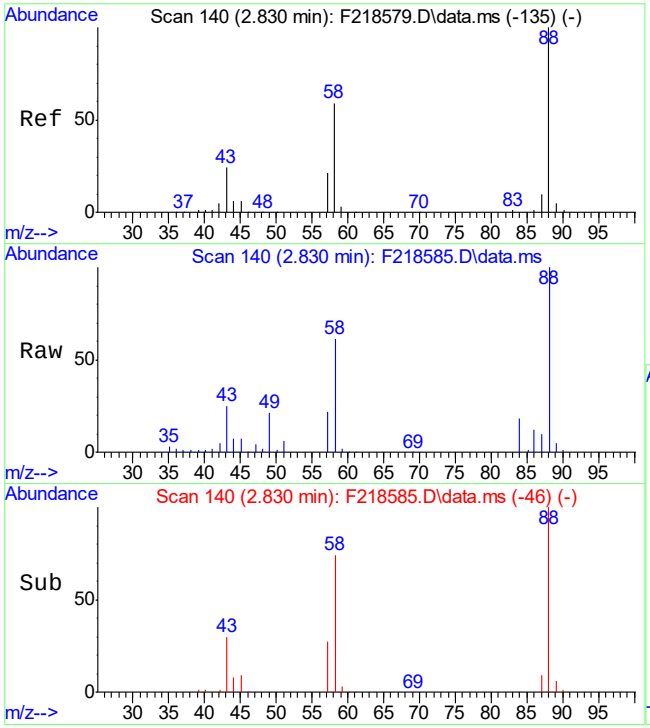
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218585.D
Acq On : 24 Jan 2024 2:18 pm
Operator : ninap
Sample : ic9690-80
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 10:16:50 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration



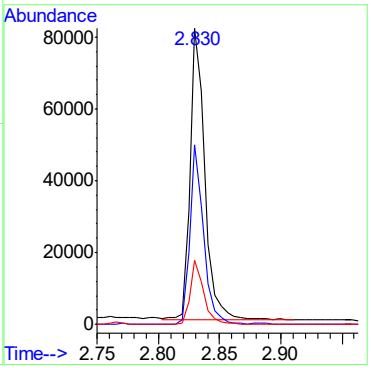
MF9690.M Thu Jan 25 14:54:23 2024 RT1 Page: 4

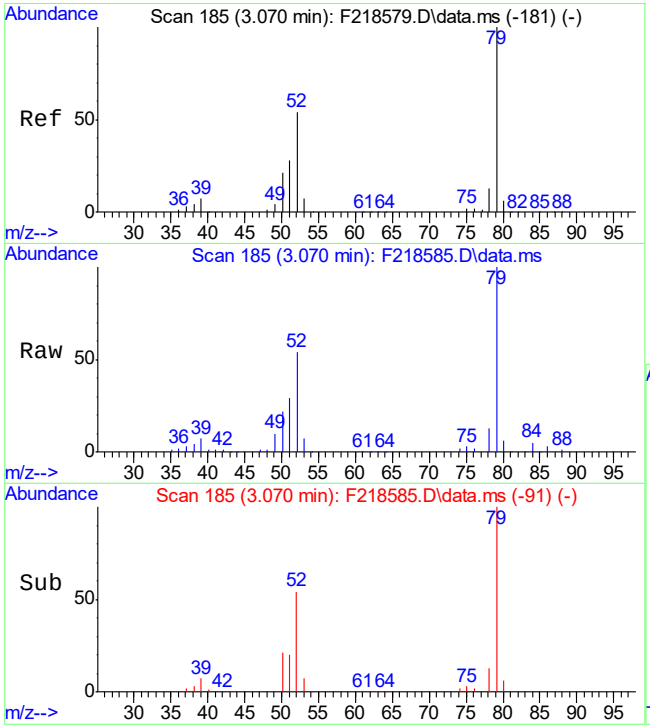


#2
1,4-Dioxane
Concen: 85.43 ppm
RT: 2.830 min Scan# 140
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 88 Resp: 69069

Ion	Ratio	Lower	Upper
88	100		
58	61.7	27.0	87.0
57	22.1	0.0	50.2

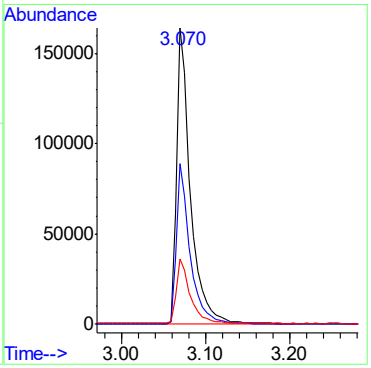


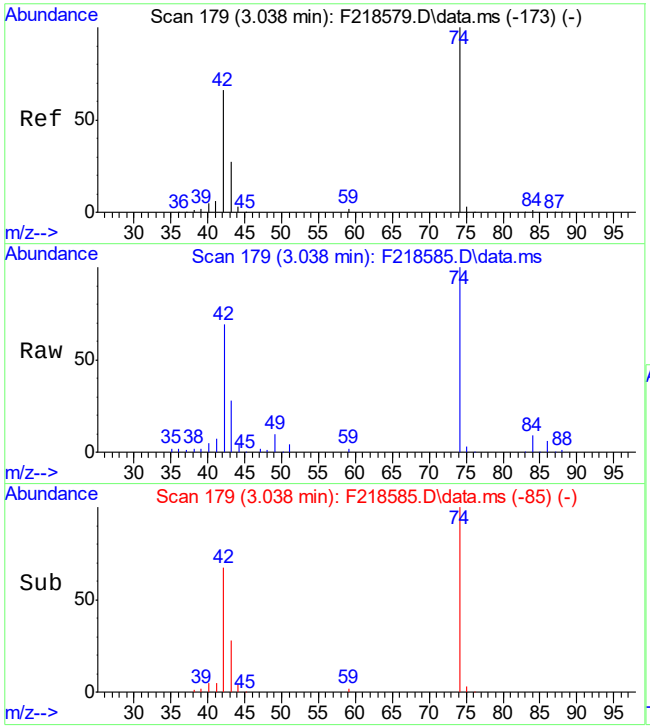


#3
Pyridine
Concen: 82.32 ppm
RT: 3.070 min Scan# 185
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 79 Resp: 186955

Ion	Ratio	Lower	Upper
79	100		
52	54.4	23.7	83.7
50	21.5	0.0	51.1

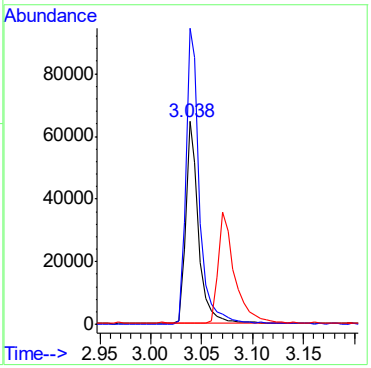


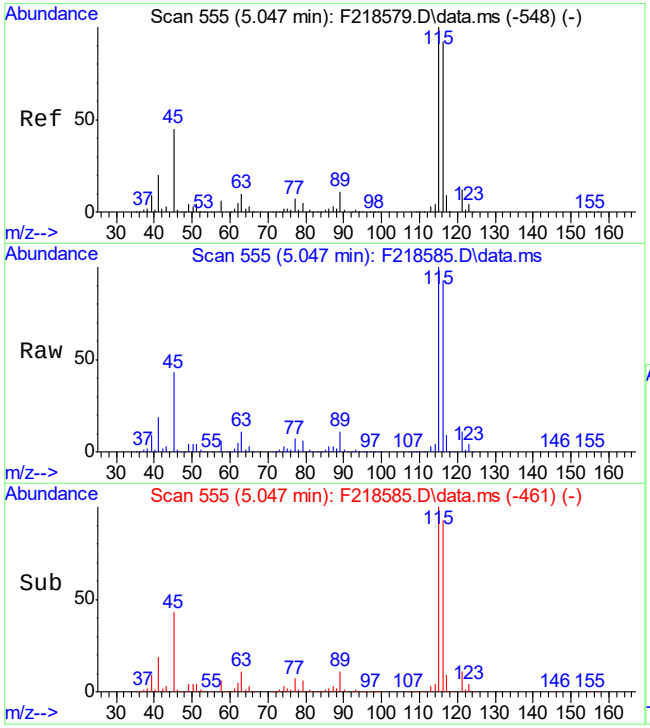


#4
N-Nitrosodimethylamine
Concen: 84.12 ppm
RT: 3.038 min Scan# 179
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 42 Resp: 58213

Ion	Ratio	Lower	Upper
42	100		
74	146.4	120.8	180.8
50	0.0	0.0	30.0

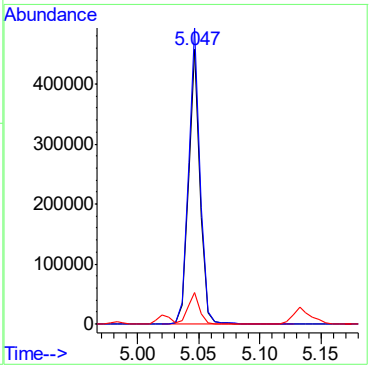


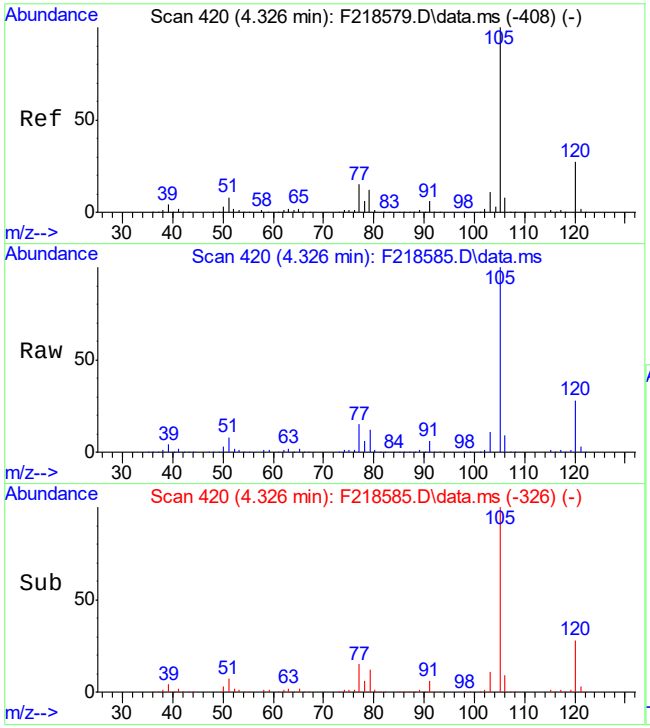


#6
Indene
Concen: 86.19 ppm
RT: 5.047 min Scan# 555
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:116 Resp: 304606

Ion	Ratio	Lower	Upper
116	100		
115	107.9	79.0	139.0
63	8.0	0.0	41.0

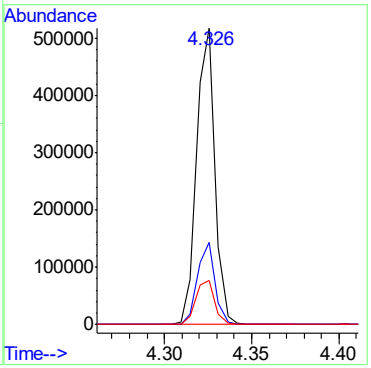


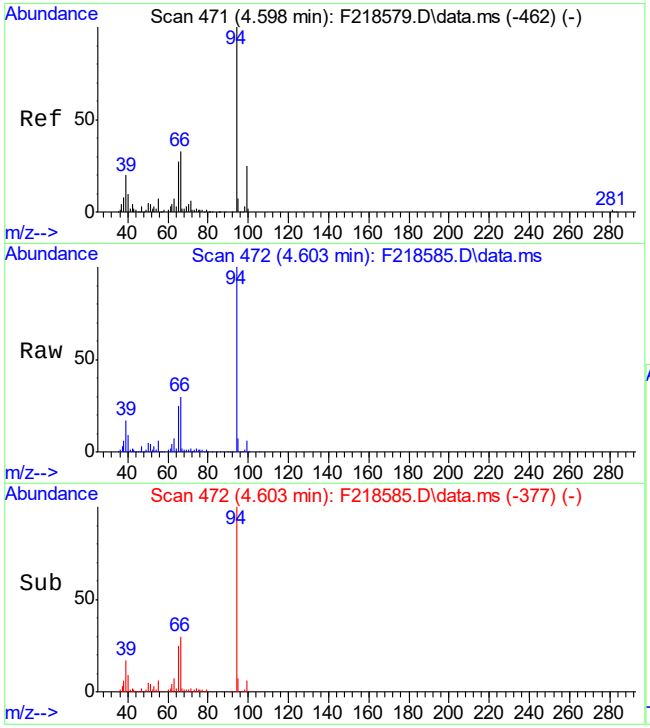


#7
Cumene
Concen: 85.34 ppm
RT: 4.326 min Scan# 420
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:105 Resp: 377966

Ion	Ratio	Lower	Upper
105	100		
120	27.6	0.0	56.8
77	14.8	0.0	44.8

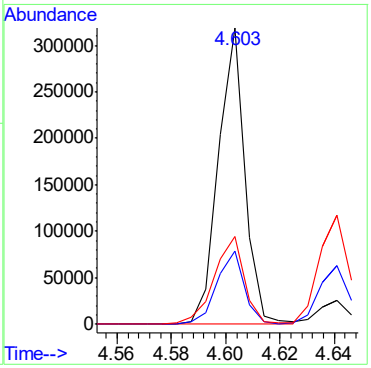


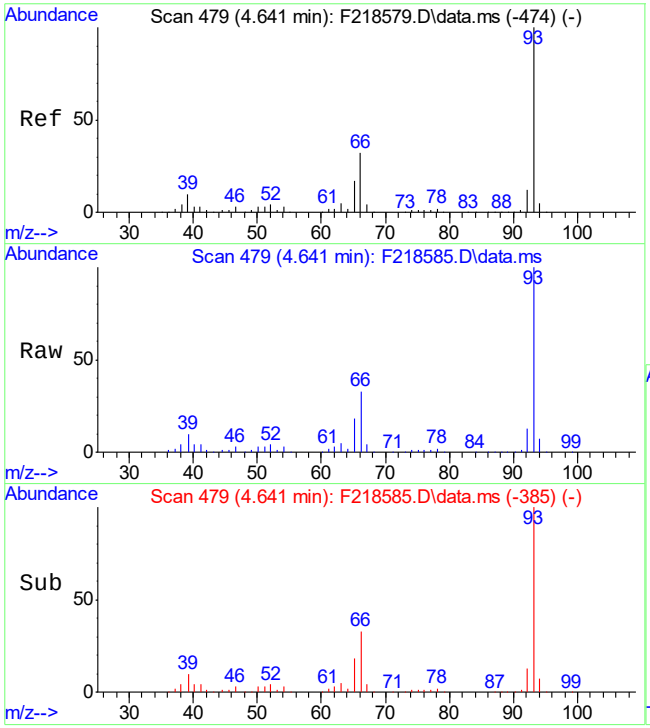


#9
Phenol
Concen: 86.26 ppm
RT: 4.603 min Scan# 472
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 94 Resp: 214961

Ion	Ratio	Lower	Upper
94	100		
65	24.4	0.0	56.8
66	29.5	2.6	62.6

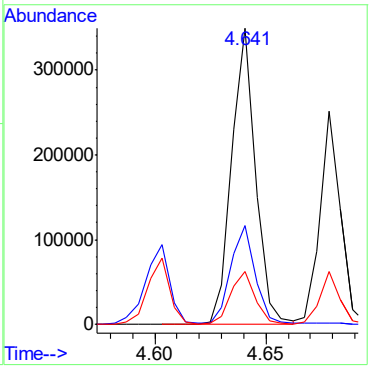


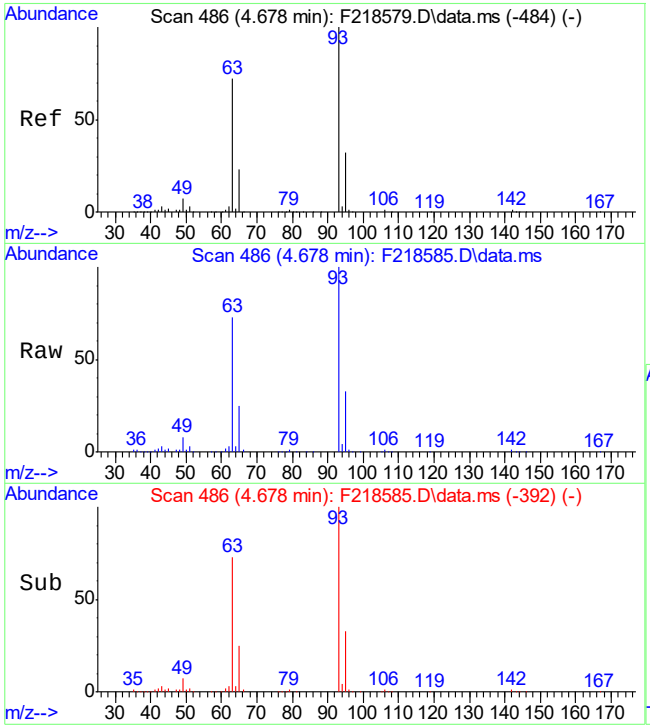


#10
Aniline
Concen: 82.96 ppm
RT: 4.641 min Scan# 479
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 93 Resp: 260933

Ion	Ratio	Lower	Upper
93	100		
66	19.9	2.7	62.7
65	6.7	0.0	47.4

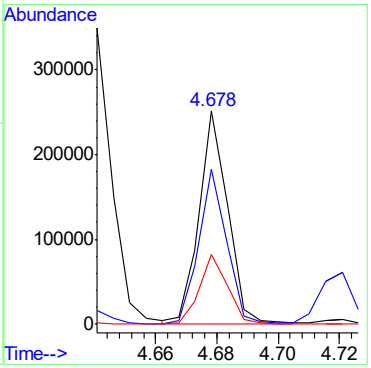


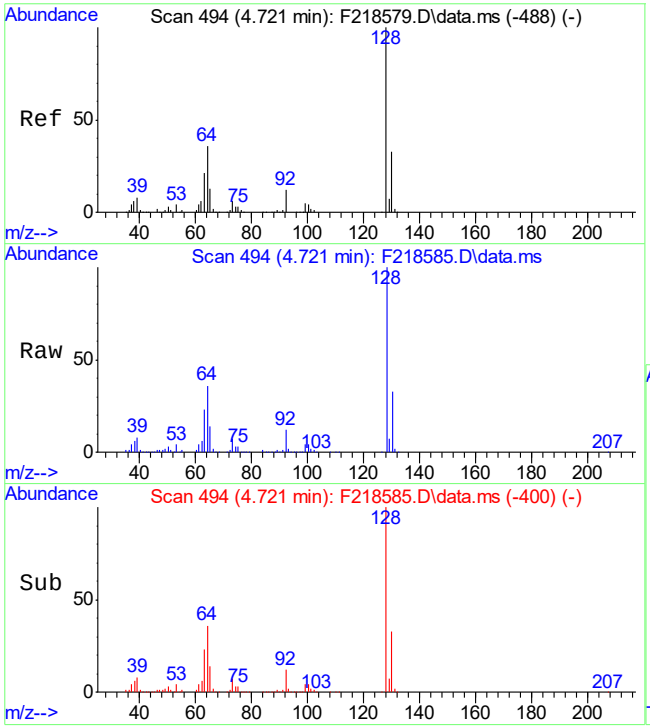


#11
bis(2-Chloroethyl)ether
Concen: 86.53 ppm
RT: 4.678 min Scan# 486
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 93 Resp: 162084

Ion	Ratio	Lower	Upper
93	100		
63	73.4	42.2	102.2
95	32.9	2.1	62.1

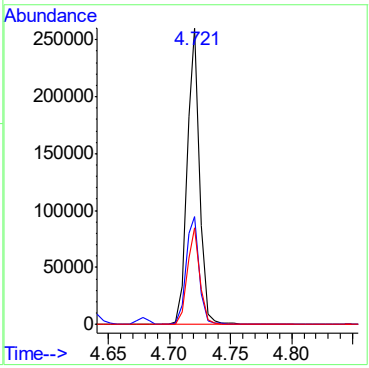


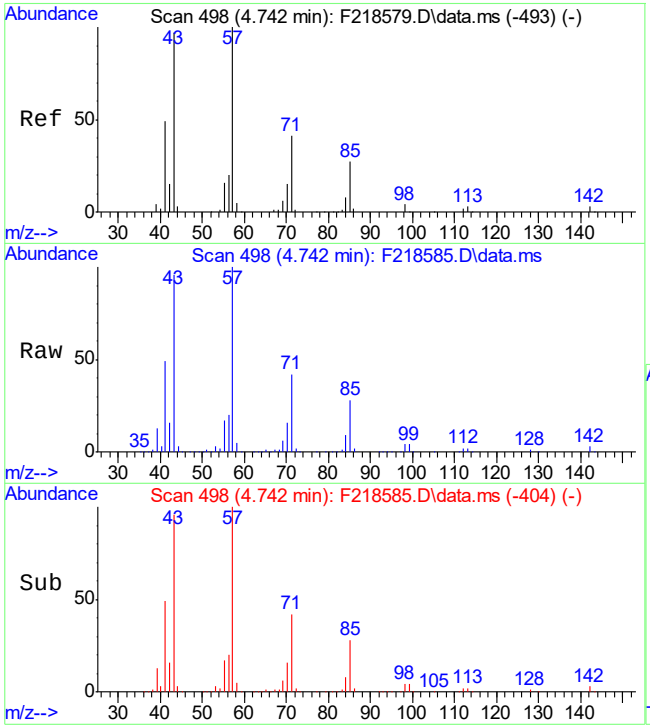


#12
2-Chlorophenol
Concen: 86.39 ppm
RT: 4.721 min Scan# 494
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:128 Resp: 186487

Ion	Ratio	Lower	Upper
128	100		
64	36.4	5.8	65.8
130	32.8	3.0	63.0

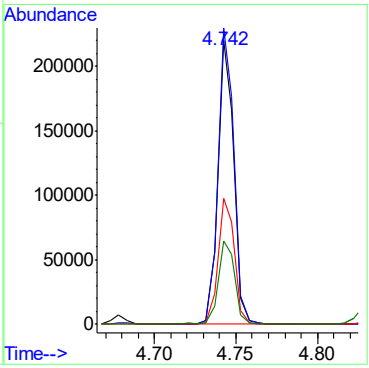


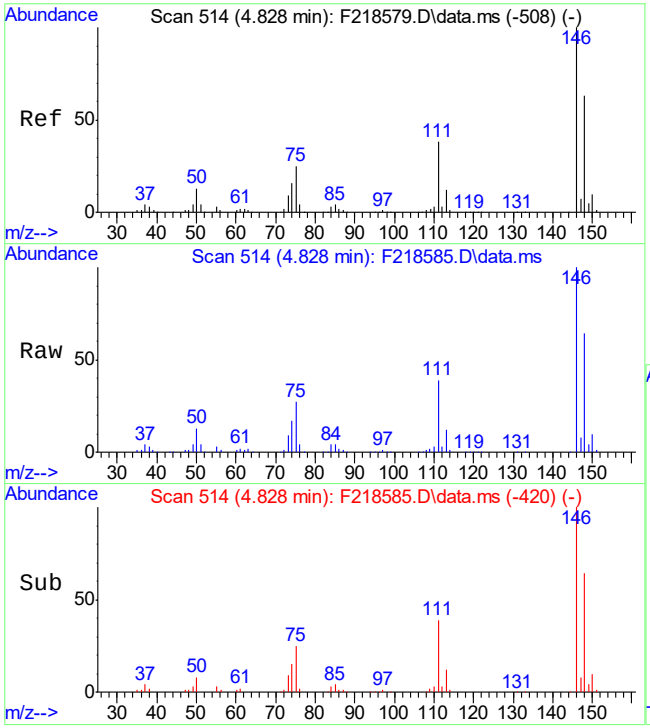


#13
Decane
Concen: 84.03 ppm
RT: 4.742 min Scan# 498
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 43 Resp: 151328

Ion	Ratio	Lower	Upper
43	100		
57	104.1	73.2	133.2
71	44.2	13.0	73.0
85	29.1	0.0	58.3

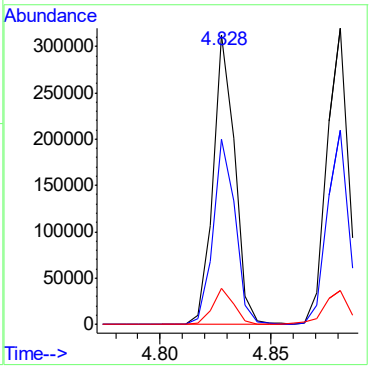


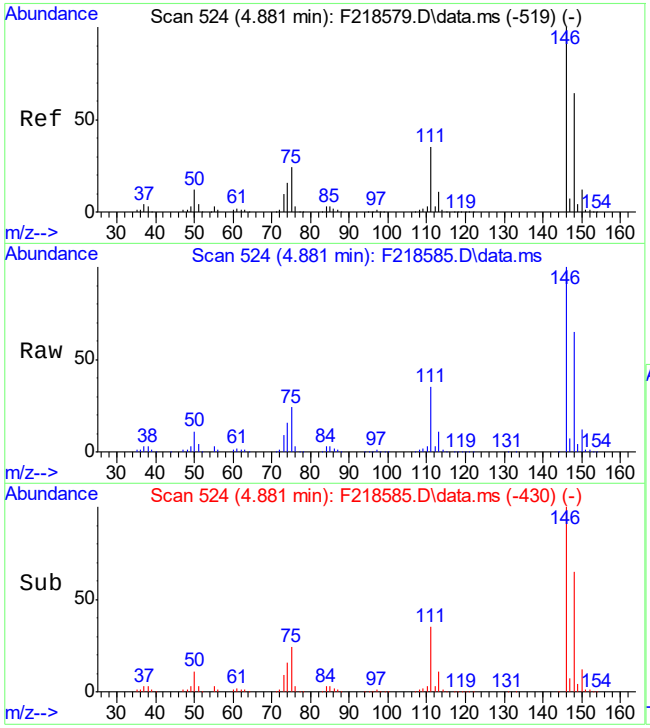


#14
1,3-Dichlorobenzene
Concen: 85.93 ppm
RT: 4.828 min Scan# 514
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:146 Resp: 214137

Ion	Ratio	Lower	Upper
146	100		
148	63.9	32.8	92.8
113	12.2	0.0	41.9

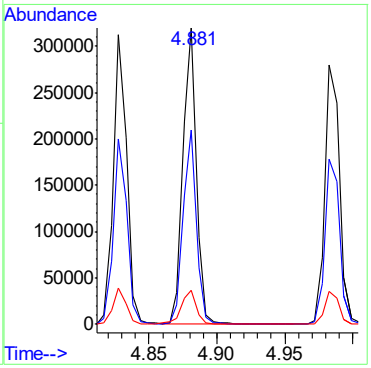


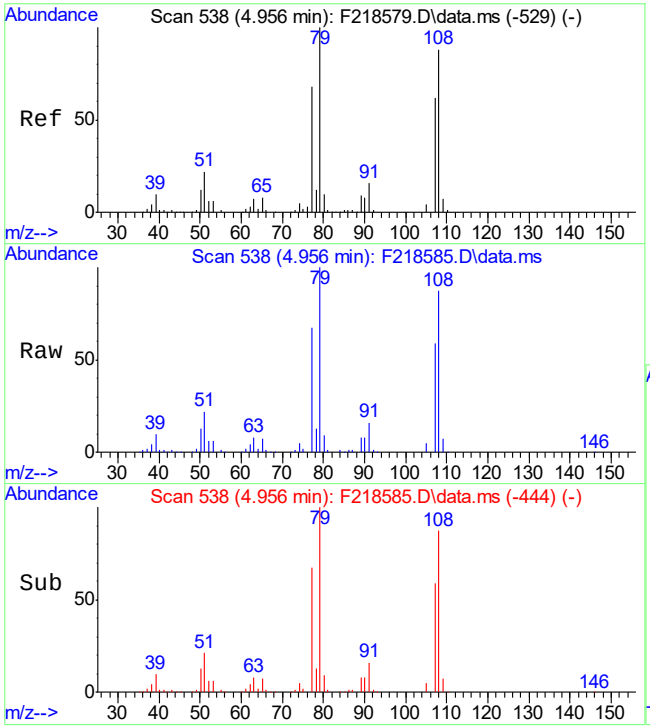


#15
1,4-Dichlorobenzene
Concen: 86.06 ppm
RT: 4.881 min Scan# 524
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:146 Resp: 220453

Ion	Ratio	Lower	Upper
146	100		
148	65.4	33.9	93.9
113	11.3	0.0	41.3

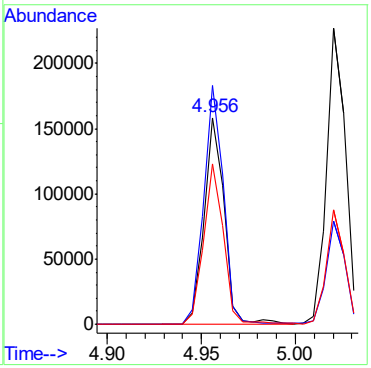


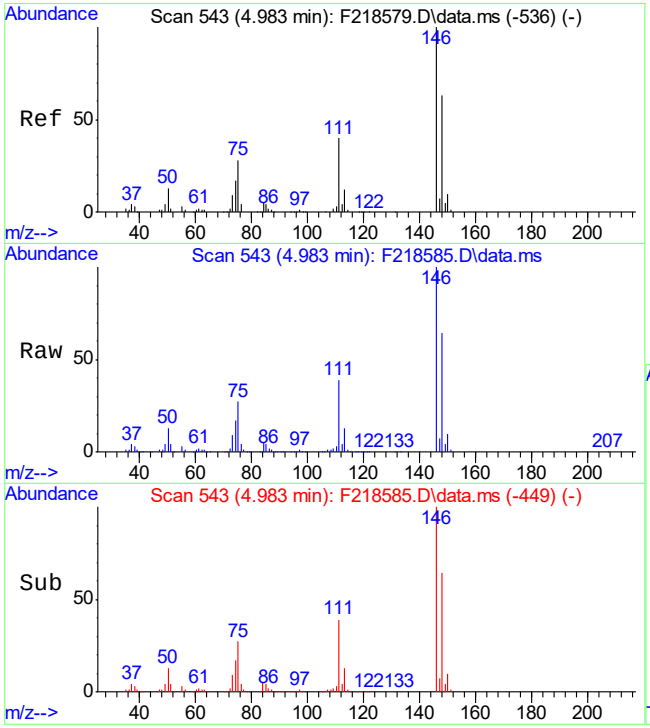


#16
Benzyl alcohol
Concen: 85.25 ppm
RT: 4.956 min Scan# 538
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:108 Resp: 117522

Ion	Ratio	Lower	Upper
108	100		
79	115.3	83.1	143.1
77	77.5	46.9	106.9

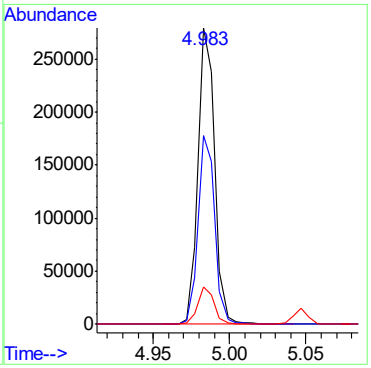


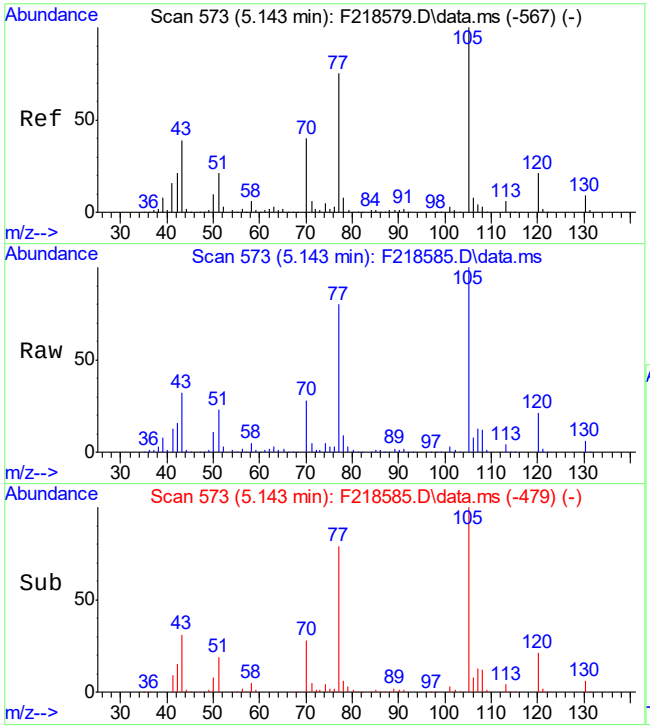


#17
1,2-Dichlorobenzene
Concen: 86.92 ppm
RT: 4.983 min Scan# 543
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:146 Resp: 210351

Ion	Ratio	Lower	Upper
146	100		
148	63.6	32.7	92.7
113	11.3	0.0	42.4

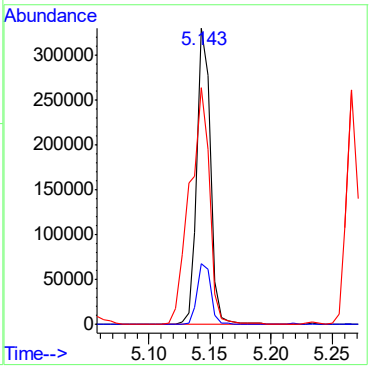


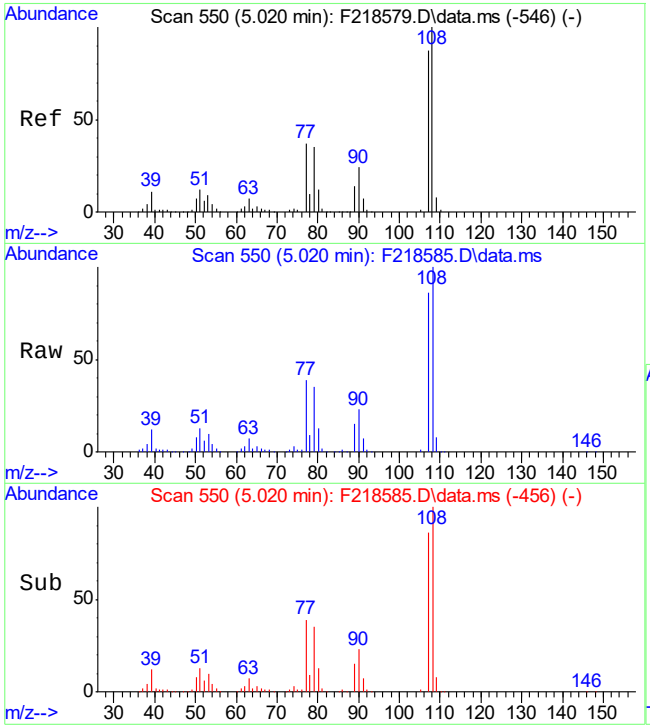


#18
Acetophenone
Concen: 84.34 ppm
RT: 5.143 min Scan# 573
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:105 Resp: 253667

Ion	Ratio	Lower	Upper
105	100		
120	20.5	0.0	50.5
77	79.9	45.3	105.3

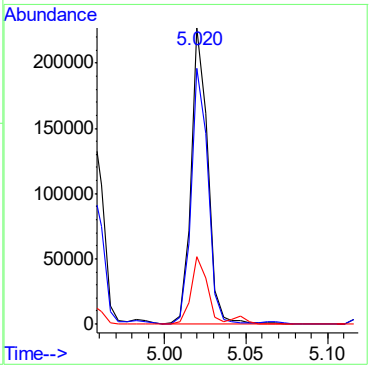


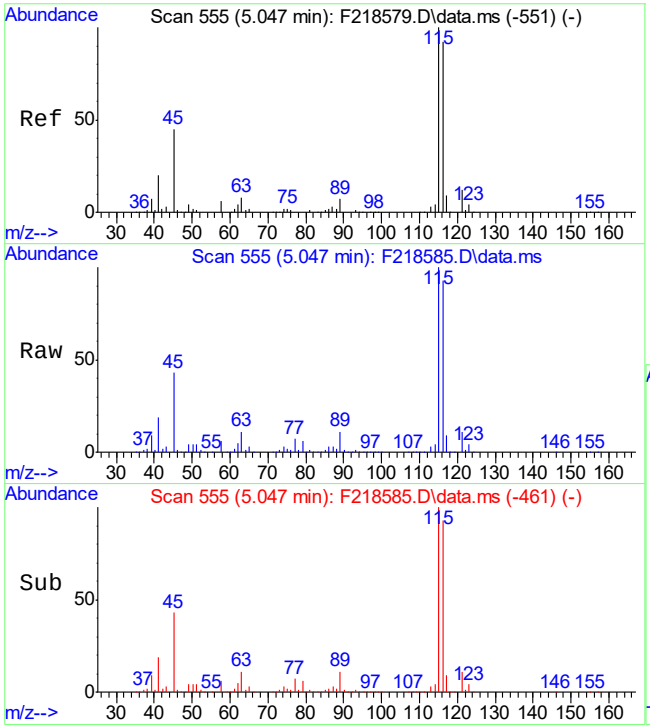


#19
2-Methylphenol
Concen: 85.30 ppm
RT: 5.020 min Scan# 550
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:108 Resp: 161839

Ion	Ratio	Lower	Upper
108	100		
107	86.2	57.0	117.0
90	22.9	0.0	53.5

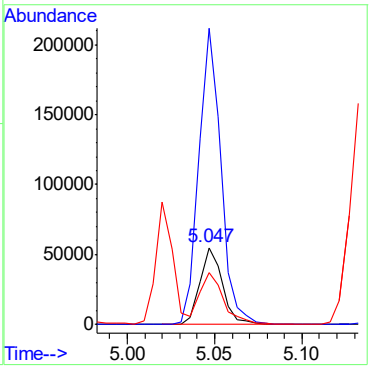


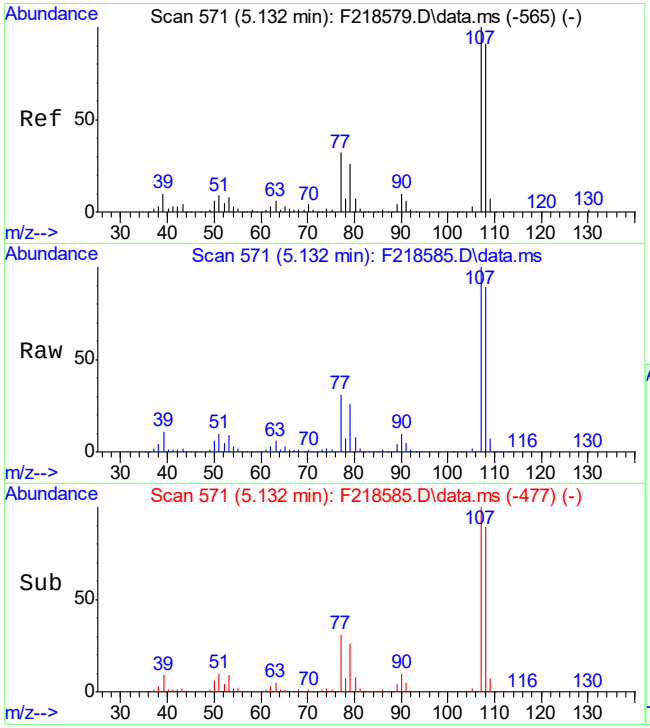


#20
2,2'-oxybis(1-Chloropropane
Concen: 82.43 ppm
RT: 5.047 min Scan# 555
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:121 Resp: 48835

Ion	Ratio	Lower	Upper
121	100		
45	384.3	351.9	411.9
77	0.0	36.1	96.1#

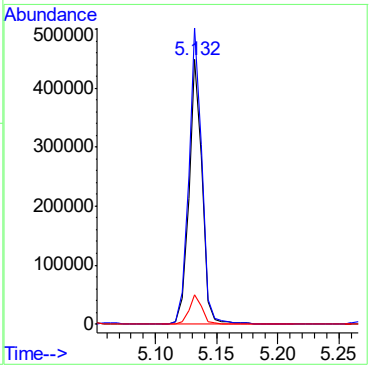


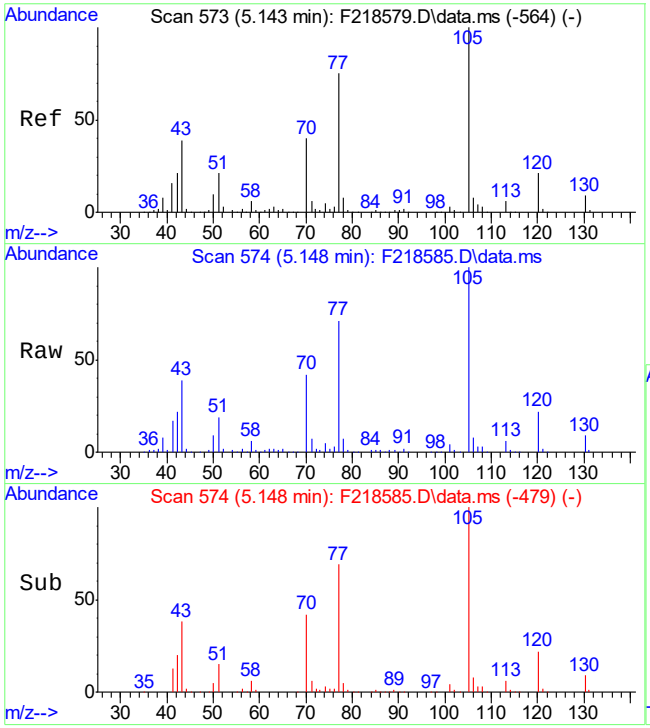


#21
3&4-Methylphenol
Concen: 169.95 ppm
RT: 5.132 min Scan# 571
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:108 Resp: 339356

Ion	Ratio	Lower	Upper
108	100		
107	112.0	79.6	139.6
90	10.9	0.0	40.5

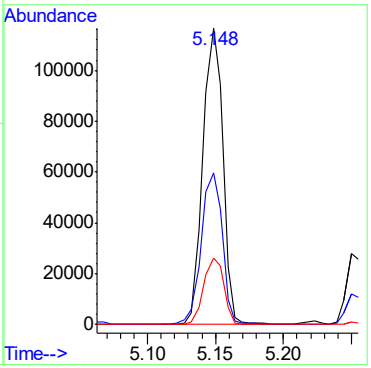


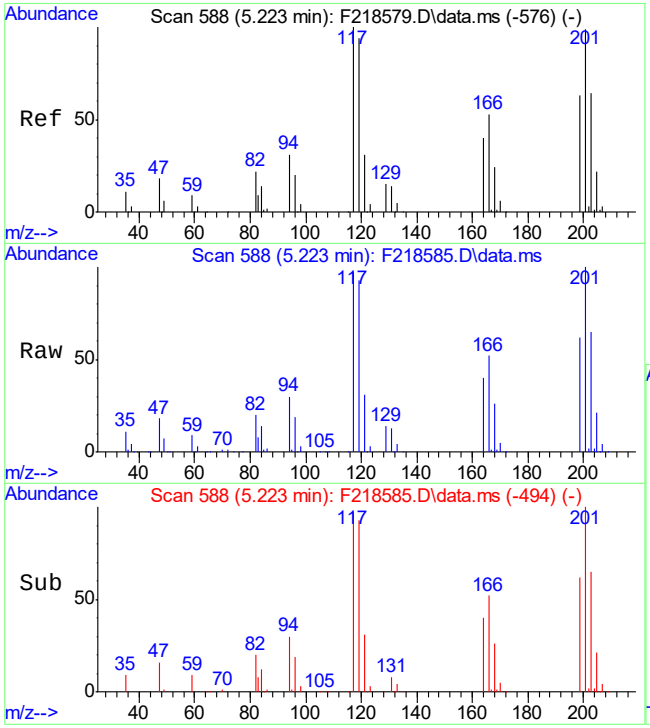


#22
n-Nitroso-di-n-propylamine
Concen: 83.33 ppm
RT: 5.148 min Scan# 574
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 70 Resp: 119748

Ion	Ratio	Lower	Upper
70	100		
42	51.3	36.3	67.3
130	22.3	15.6	29.0

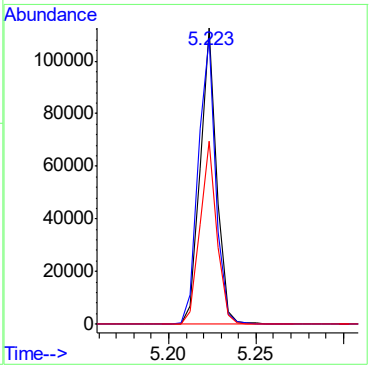


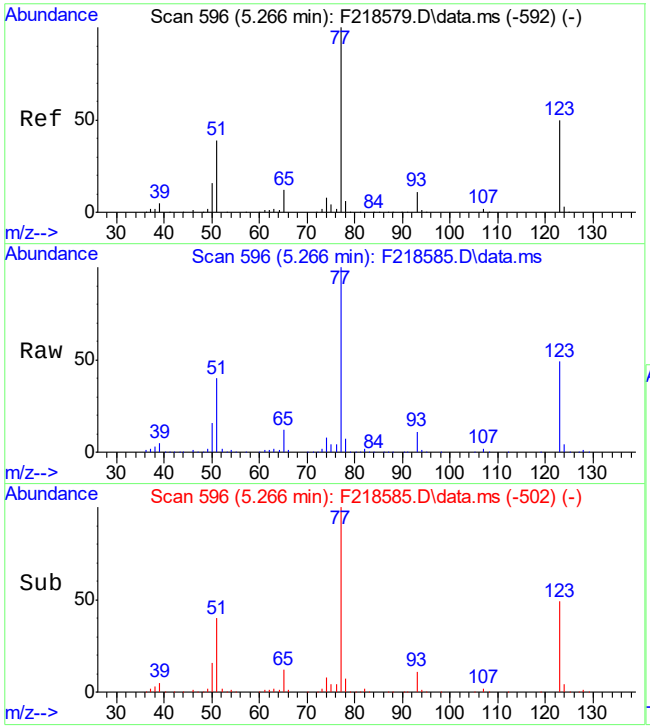


#23
Hexachloroethane
Concen: 87.27 ppm
RT: 5.223 min Scan# 588
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:201 Resp: 74196

Ion	Ratio	Lower	Upper
201	100		
117	96.6	70.8	130.8
199	61.8	33.7	93.7

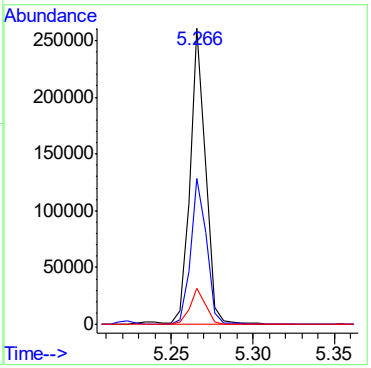


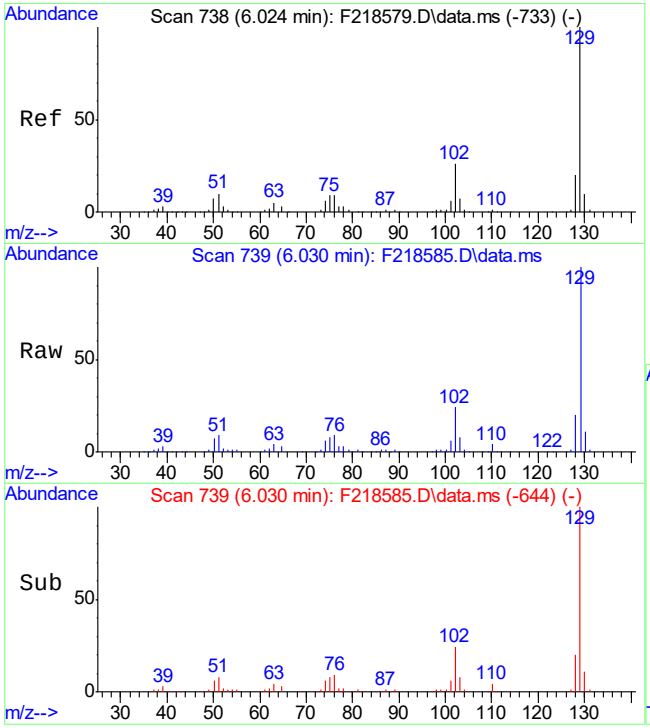


#26
Nitrobenzene
Concen: 84.23 ppm
RT: 5.266 min Scan# 596
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 77 Resp: 174277

Ion	Ratio	Lower	Upper
77	100		
123	49.3	20.4	80.4
65	12.1	0.0	41.9

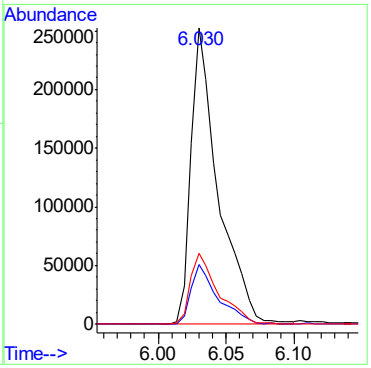


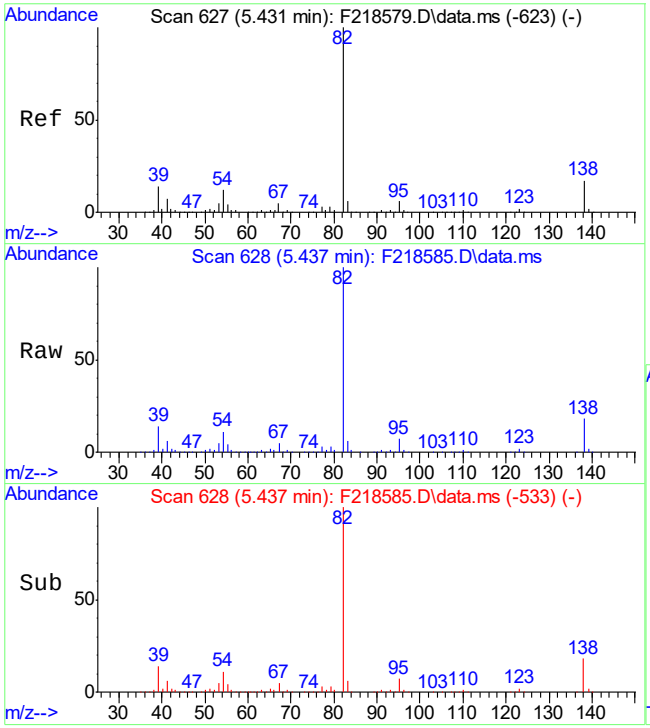


#27
Quinoline
Concen: 85.18 ppm
RT: 6.030 min Scan# 739
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:129 Resp: 351845

Ion	Ratio	Lower	Upper
129	100		
128	20.1	0.0	50.3
102	24.1	0.0	55.9

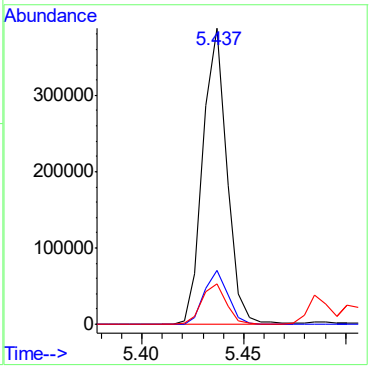


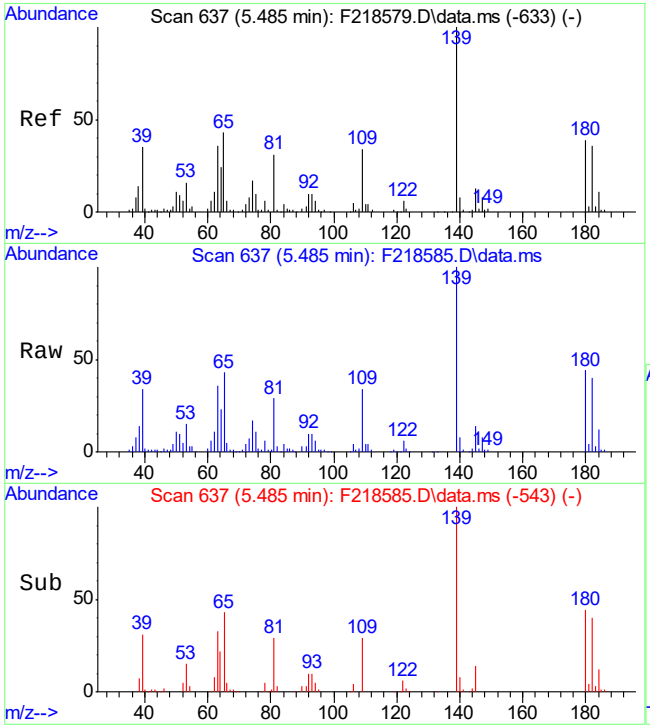


#28
Isophorone
Concen: 85.00 ppm
RT: 5.437 min Scan# 628
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 82 Resp: 315494

Ion	Ratio	Lower	Upper
82	100		
138	18.3	0.0	47.1
39	13.4	0.0	44.0

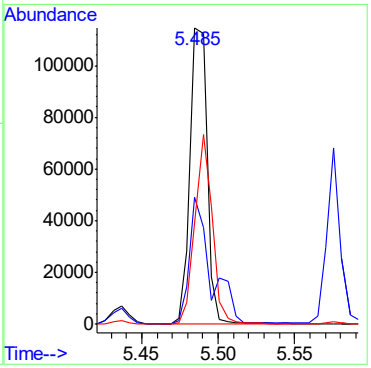


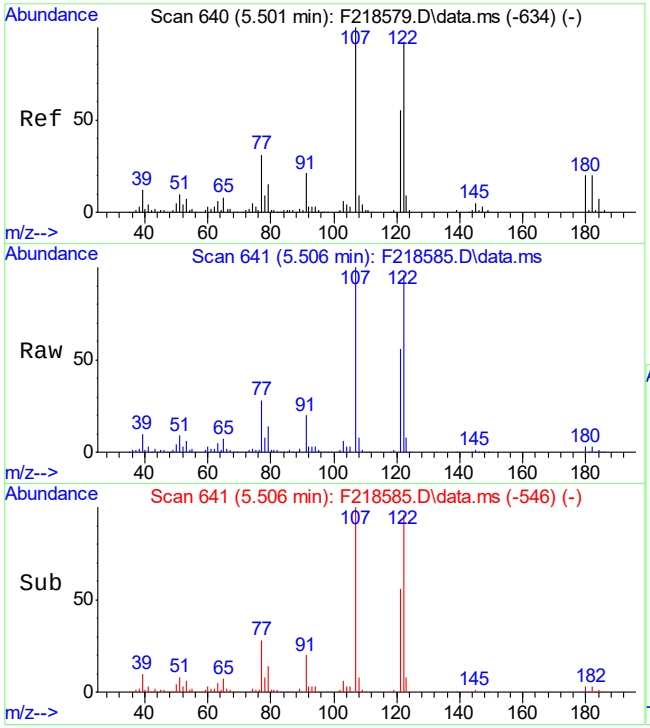


#29
2-Nitrophenol
Concen: 89.82 ppm
RT: 5.485 min Scan# 637
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:139 Resp: 90045

Ion	Ratio	Lower	Upper
139	100		
65	42.7	13.1	73.1
109	34.2	3.7	63.7

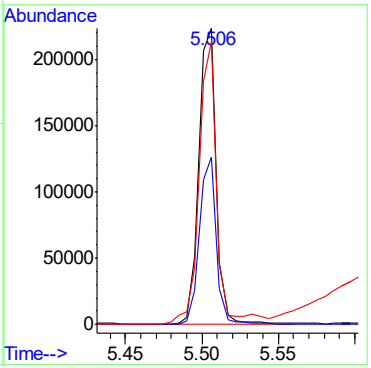


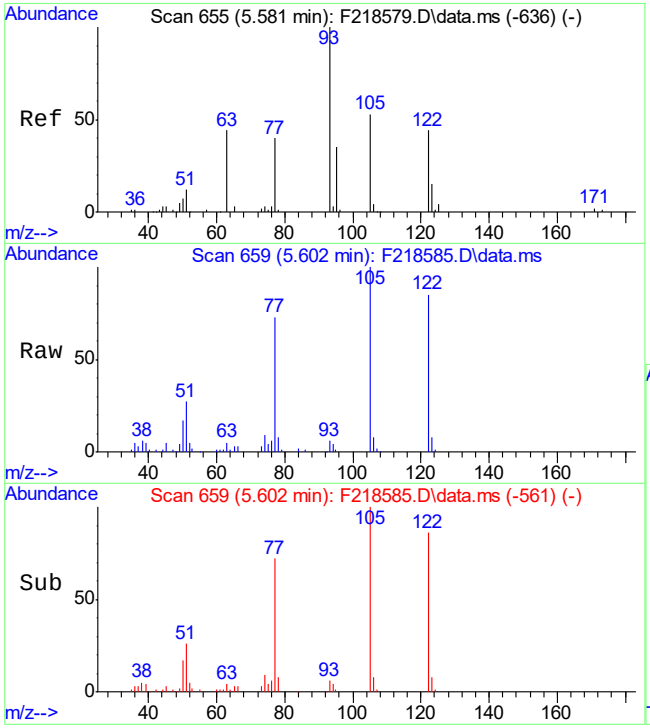


#30
2,4-Dimethylphenol
Concen: 85.73 ppm
RT: 5.506 min Scan# 641
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:107 Resp: 176378

Ion	Ratio	Lower	Upper
107	100		
121	56.4	25.4	85.4
122	93.4	57.3	117.3

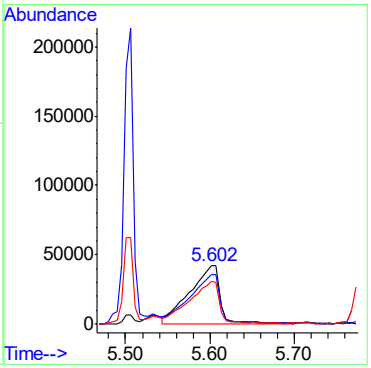


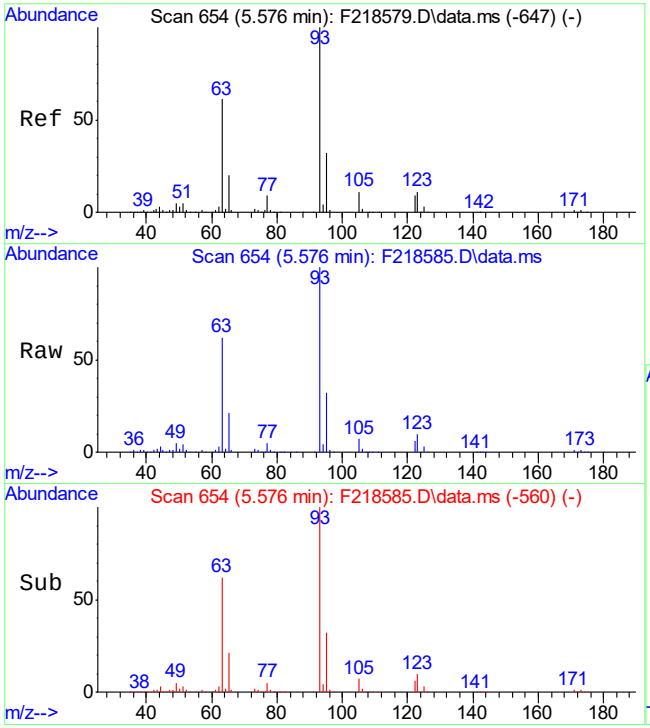


#31
Benzoic acid
Concen: 72.09 ppm
RT: 5.602 min Scan# 659
Delta R.T. 0.022 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:105 Resp: 105328

Ion	Ratio	Lower	Upper
105	100		
122	84.7	56.7	116.7
77	72.3	46.1	106.1

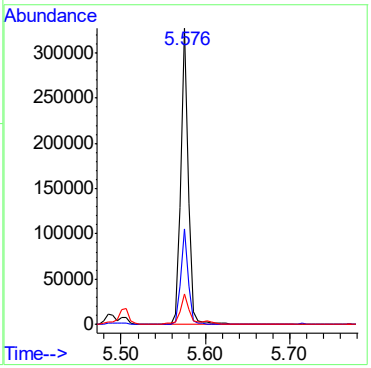


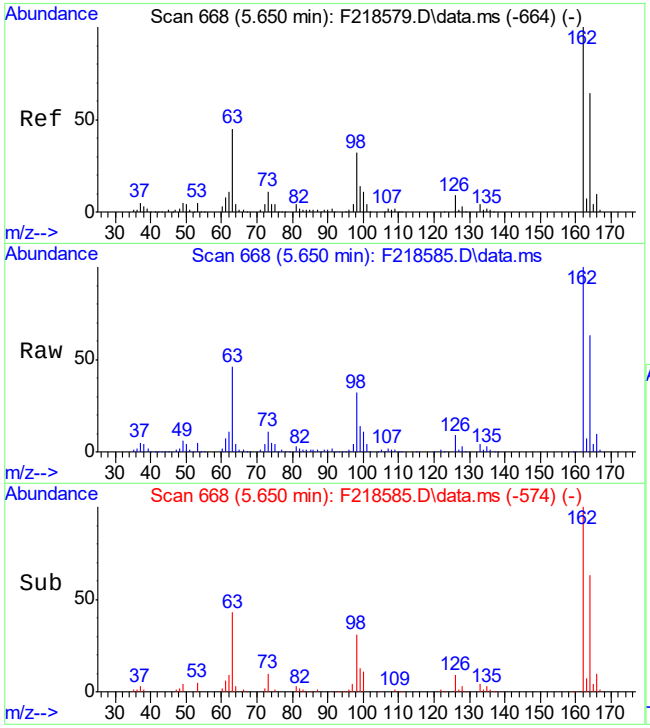


#32
bis(2-Chloroethoxy)methane
Concen: 84.79 ppm
RT: 5.576 min Scan# 654
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 93 Resp: 203410

Ion	Ratio	Lower	Upper
93	100		
95	32.4	2.5	62.5
123	10.1	0.0	41.2

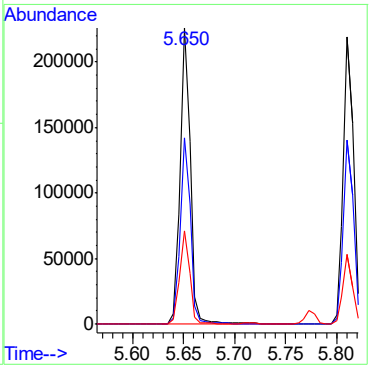


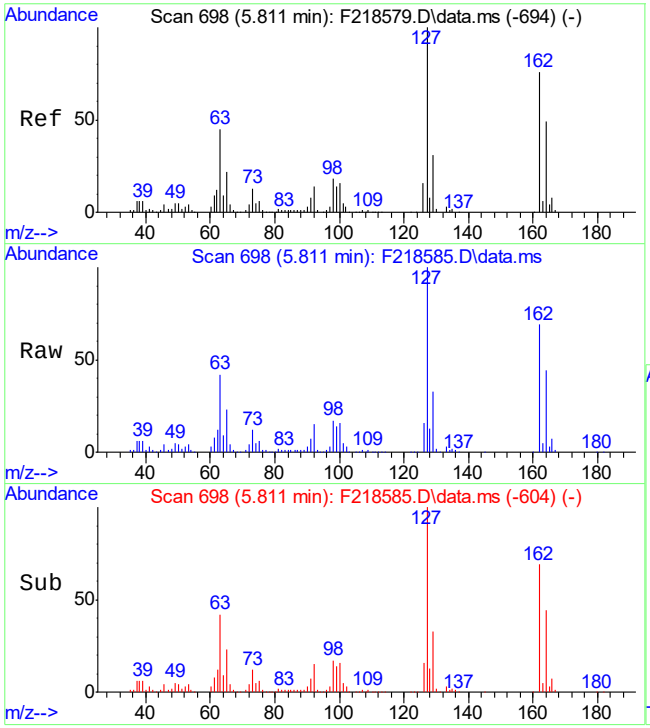


#33
2,4-Dichlorophenol
Concen: 89.38 ppm
RT: 5.650 min Scan# 668
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:162 Resp: 158324

Ion	Ratio	Lower	Upper
162	100		
164	62.9	33.6	93.6
98	31.5	1.5	61.5

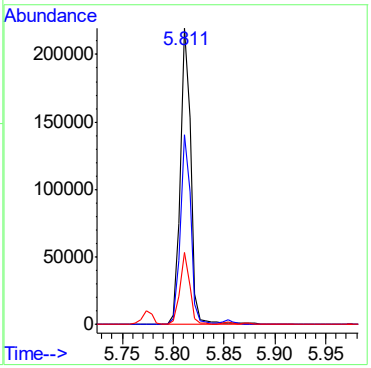


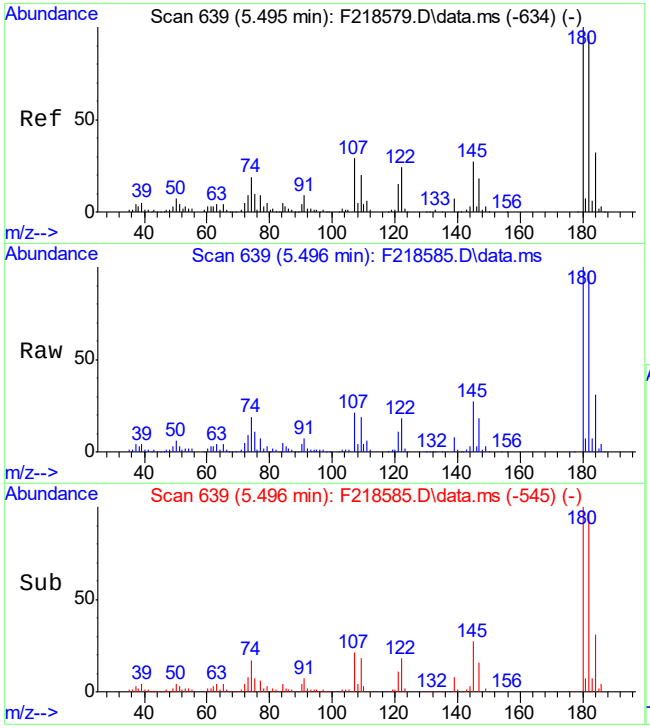


#34
2,6-Dichlorophenol
Concen: 88.84 ppm
RT: 5.811 min Scan# 698
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:162 Resp: 158735

Ion	Ratio	Lower	Upper
162	100		
164	64.0	34.9	94.9
98	24.3	0.0	53.2

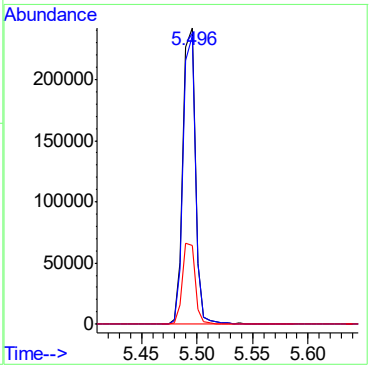


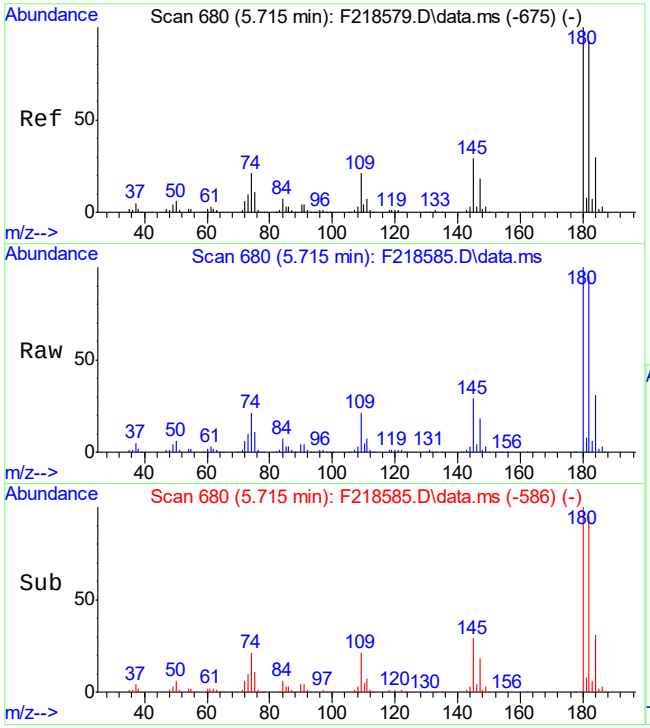


#35
1,3,5-Trichlorobenzene
Concen: 89.81 ppm
RT: 5.496 min Scan# 639
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:180 Resp: 188468

Ion	Ratio	Lower	Upper
180	100		
182	97.3	66.2	126.2
145	26.7	0.0	57.2

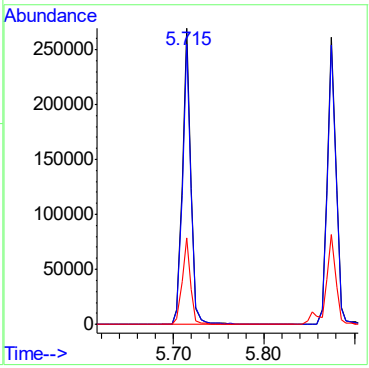


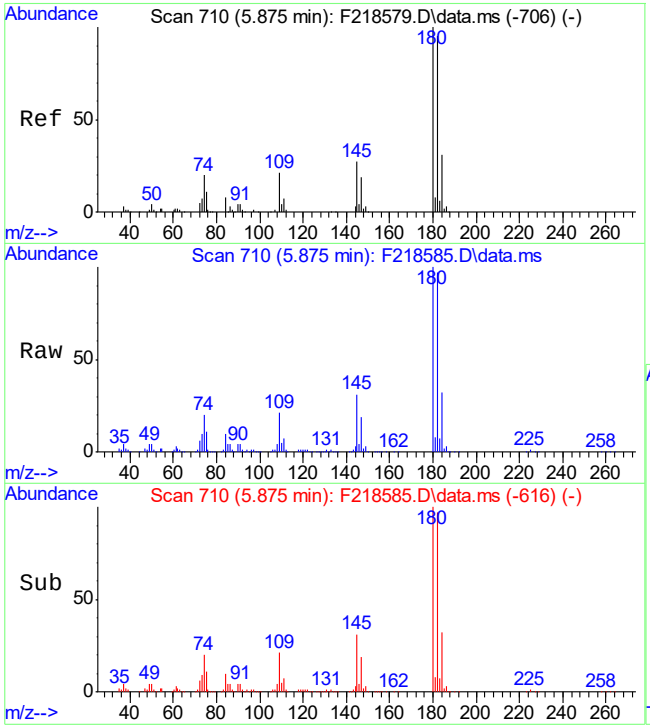


#36
1,2,4-Trichlorobenzene
Concen: 89.22 ppm
RT: 5.715 min Scan# 680
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:180 Resp: 179628

Ion	Ratio	Lower	Upper
180	100		
182	94.7	62.8	122.8
145	29.2	0.0	58.7

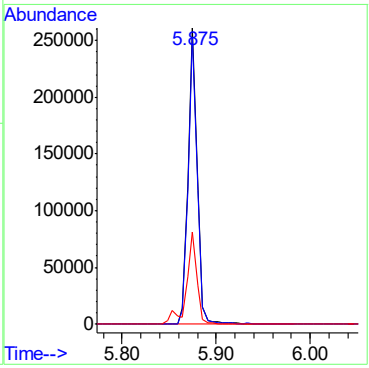


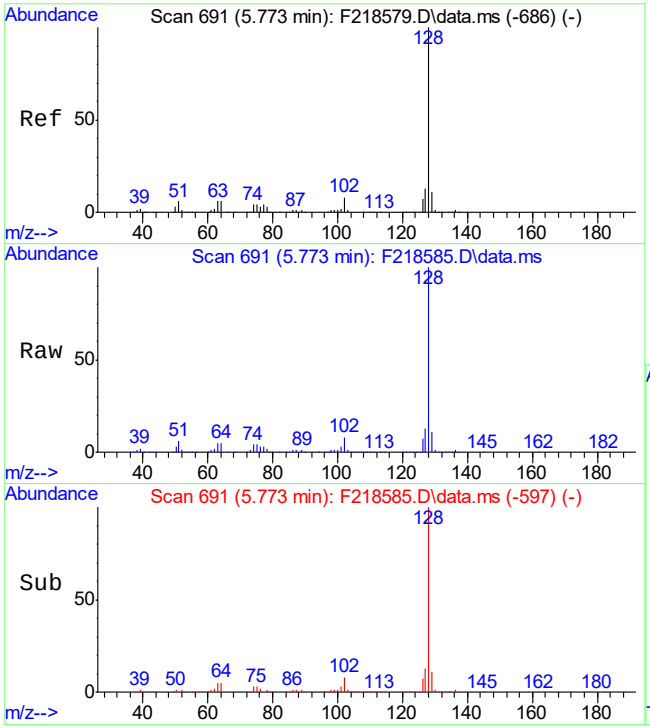


#37
1,2,3-Trichlorobenzene
Concen: 89.09 ppm
RT: 5.875 min Scan# 710
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:180 Resp: 175439

Ion	Ratio	Lower	Upper
180	100		
182	97.1	65.1	125.1
145	31.1	0.0	59.2

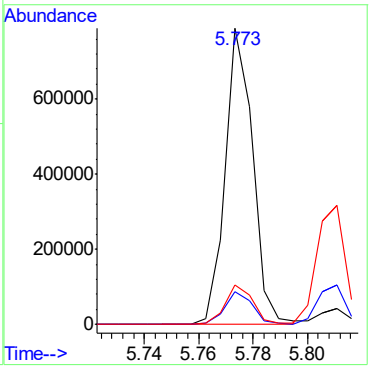


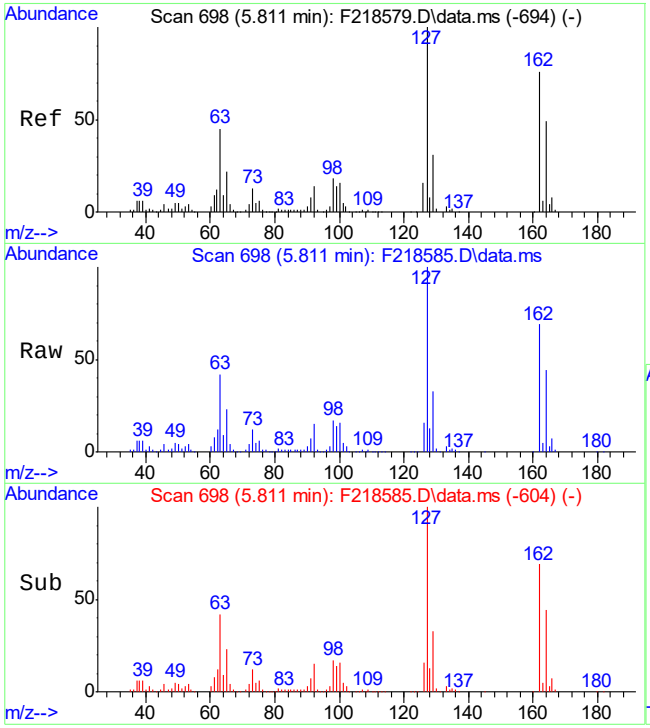


#38
Naphthalene
Concen: 85.20 ppm
RT: 5.773 min Scan# 691
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:128 Resp: 550678

Ion	Ratio	Lower	Upper
128	100		
129	10.9	0.0	41.2
127	13.1	0.0	42.9

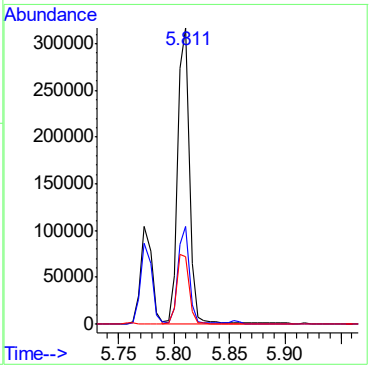


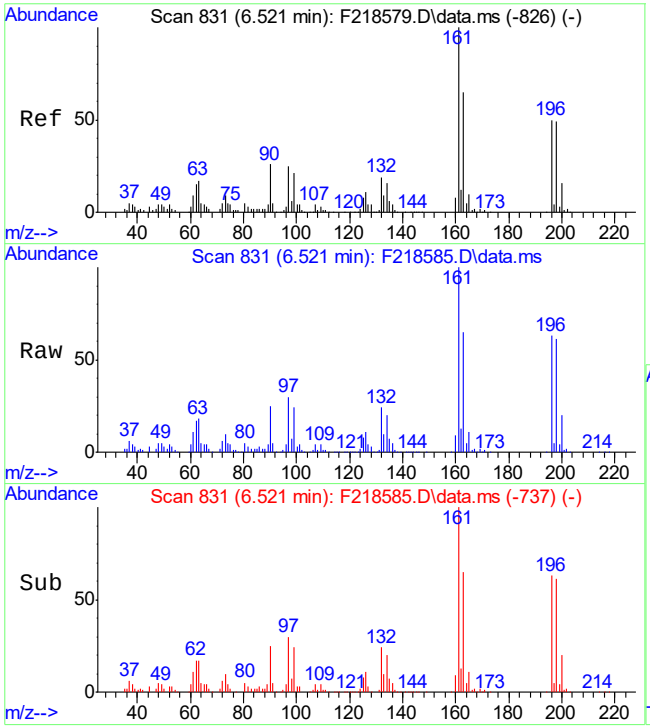


#39
4-Chloroaniline
Concen: 85.99 ppm
RT: 5.811 min Scan# 698
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:127 Resp: 237595

Ion	Ratio	Lower	Upper
127	100		
129	32.9	1.5	61.5
65	22.8	0.0	51.5

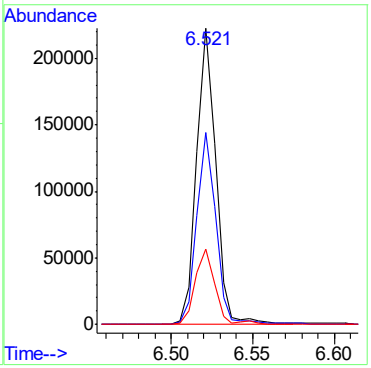


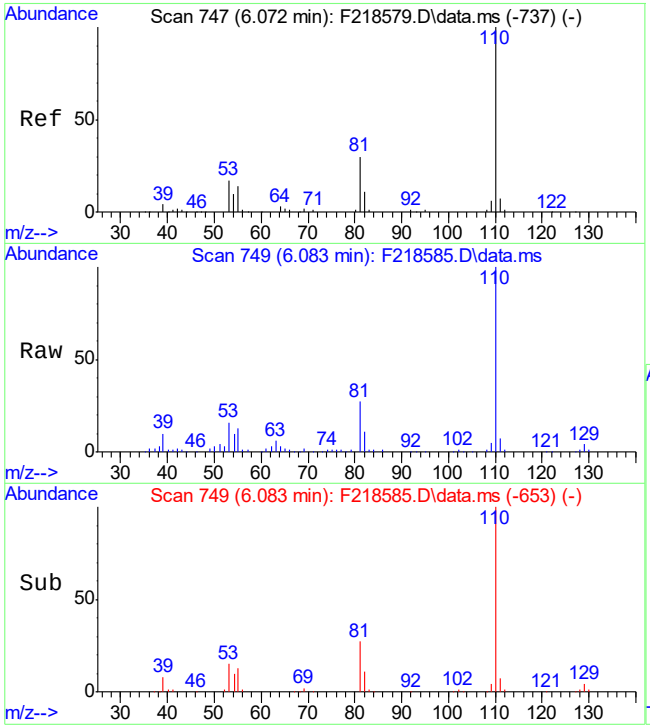


#40
2,3-Dichloroaniline
Concen: 86.66 ppm
RT: 6.521 min Scan# 831
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:161 Resp: 182262

Ion	Ratio	Lower	Upper
161	100		
163	64.9	35.0	95.0
90	25.5	0.0	56.3

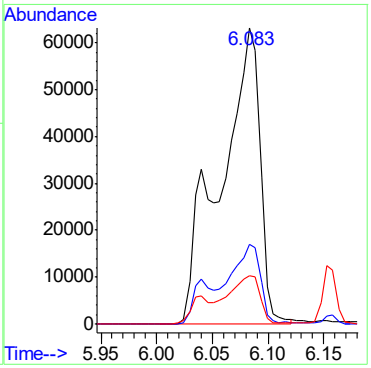


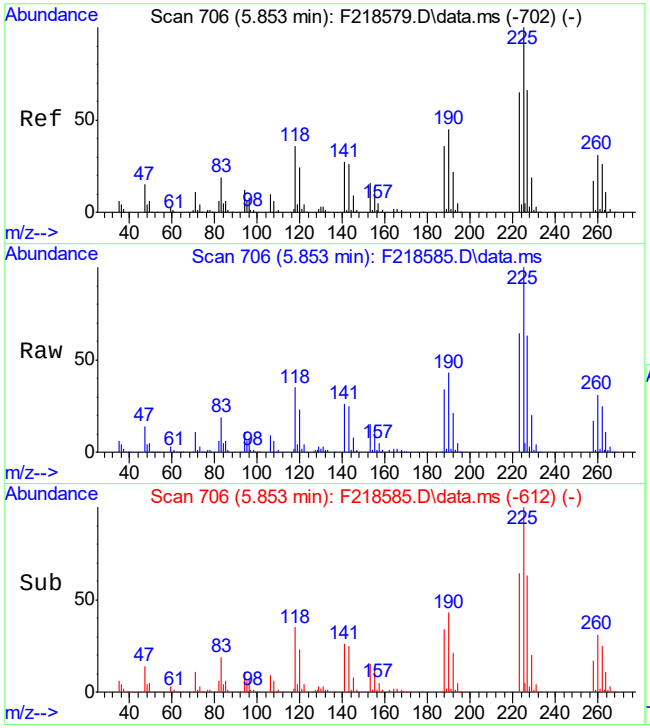


#41
Hydroquinone
Concen: 84.10 ppm m
RT: 6.083 min Scan# 749
Delta R.T. 0.011 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:110 Resp: 155152

Ion	Ratio	Lower	Upper
110	100		
81	27.1	0.0	59.9
53	16.2	0.0	47.7

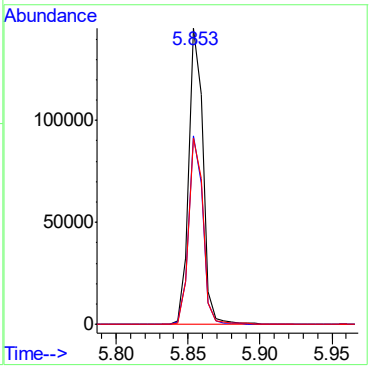


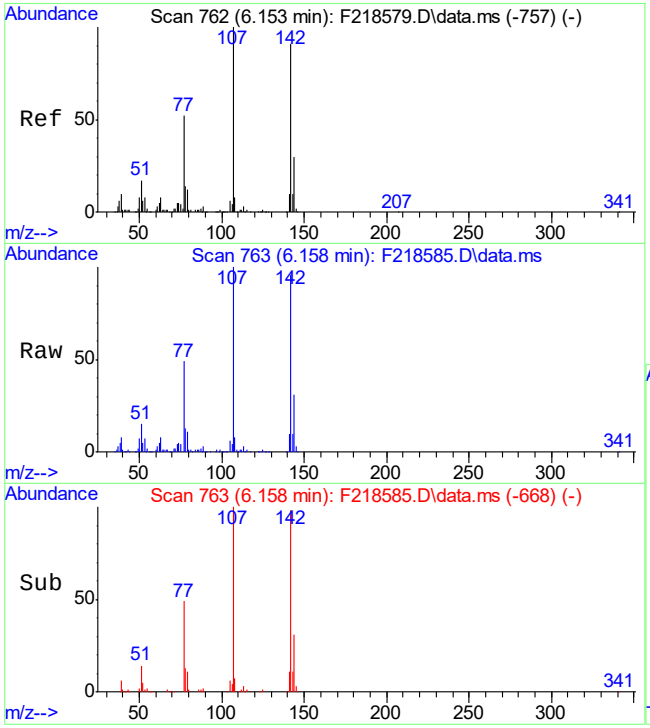


#42
Hexachlorobutadiene
Concen: 90.15 ppm
RT: 5.853 min Scan# 706
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:225 Resp: 100973

Ion	Ratio	Lower	Upper
225	100		
223	63.6	34.5	94.5
227	62.7	35.8	95.8

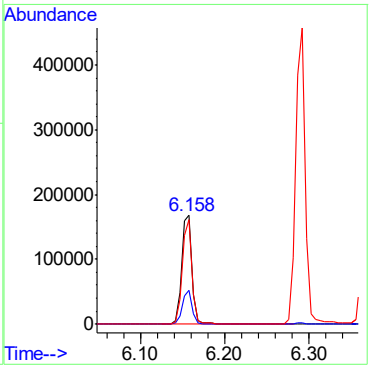


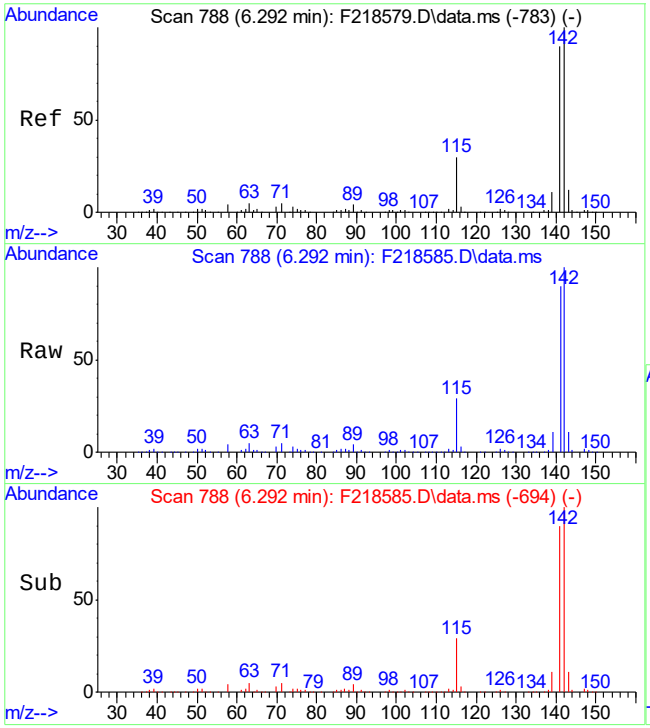


#43
4-Chloro-3-methylphenol
Concen: 87.53 ppm
RT: 6.158 min Scan# 763
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:107 Resp: 142444

Ion	Ratio	Lower	Upper
107	100		
144	30.6	0.0	59.9
142	65.6	61.5	121.5

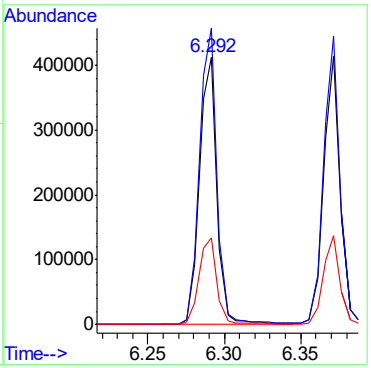


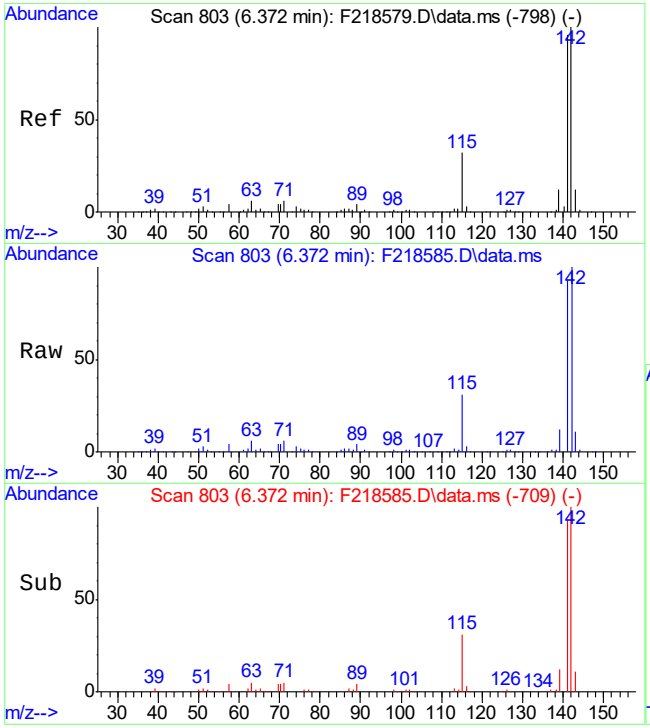


#44
2-Methylnaphthalene
Concen: 88.20 ppm
RT: 6.292 min Scan# 788
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:141 Resp: 325339

Ion	Ratio	Lower	Upper
141	100		
142	110.8	80.5	140.5
115	32.3	2.8	62.8

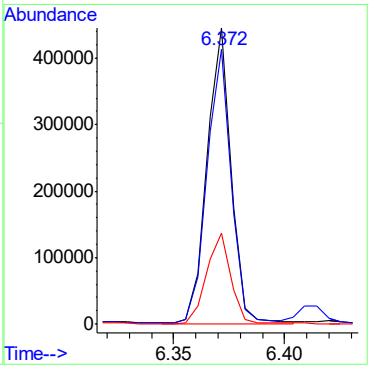


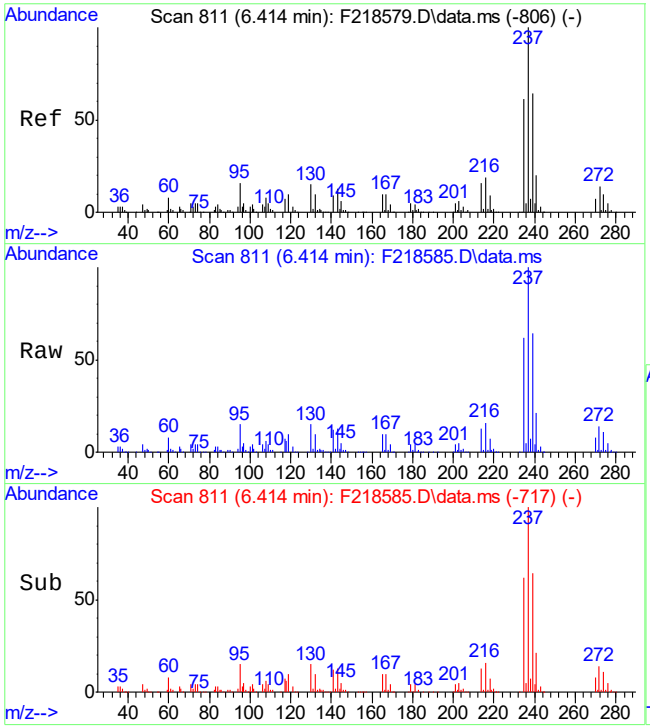


#45
1-Methylnaphthalene
Concen: 87.33 ppm
RT: 6.372 min Scan# 803
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:142 Resp: 340196

Ion	Ratio	Lower	Upper
142	100		
141	91.9	62.9	122.9
115	30.8	2.4	62.4

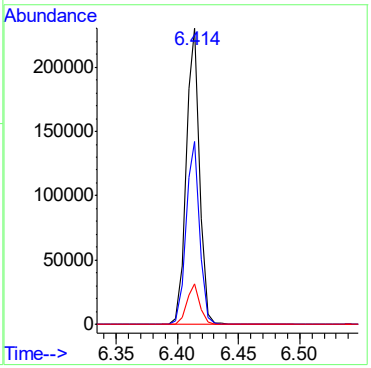


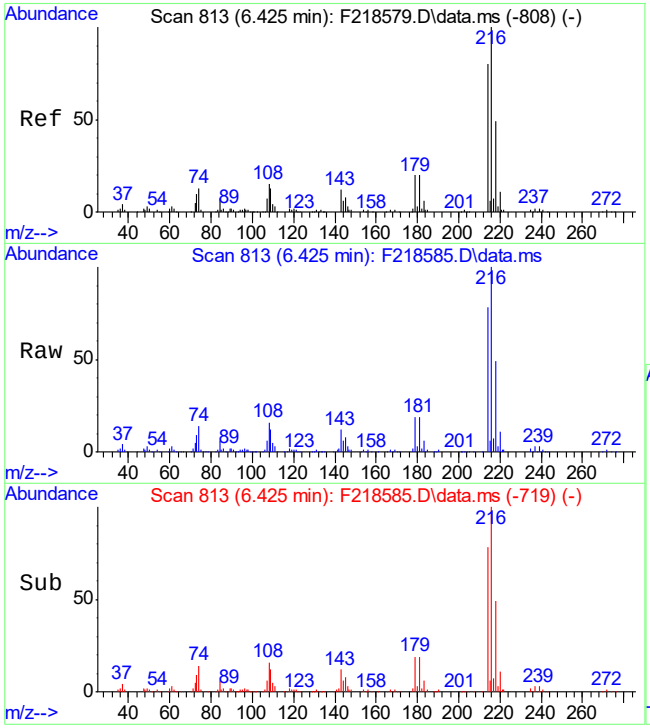


#47
Hexachlorocyclopentadiene
Concen: 190.52 ppm
RT: 6.414 min Scan# 811
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:237 Resp: 178605

Ion	Ratio	Lower	Upper
237	100		
235	61.6	30.8	90.8
272	13.6	0.0	44.0

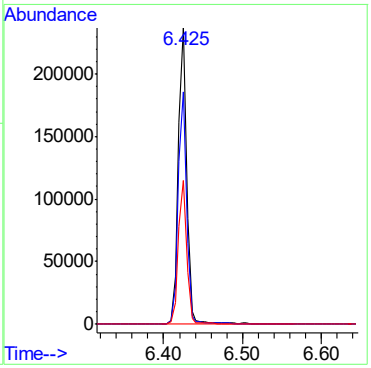


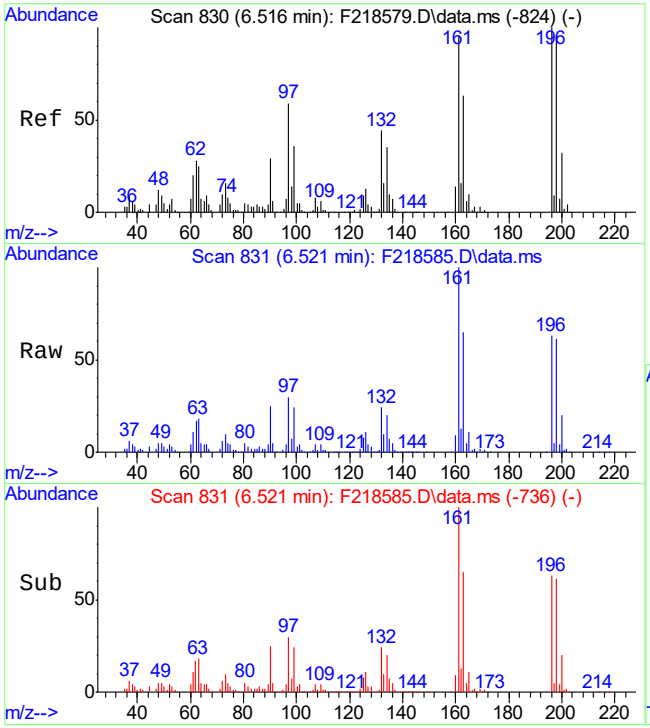


#48
1,2,4,5-tetrachlorobenzene
Concen: 90.25 ppm
RT: 6.425 min Scan# 813
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:216 Resp: 177444

Ion	Ratio	Lower	Upper
216	100		
214	77.8	55.6	103.2
218	47.8	33.6	62.4

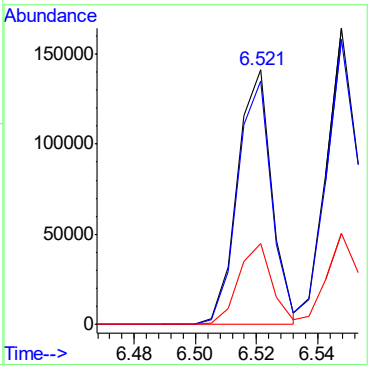


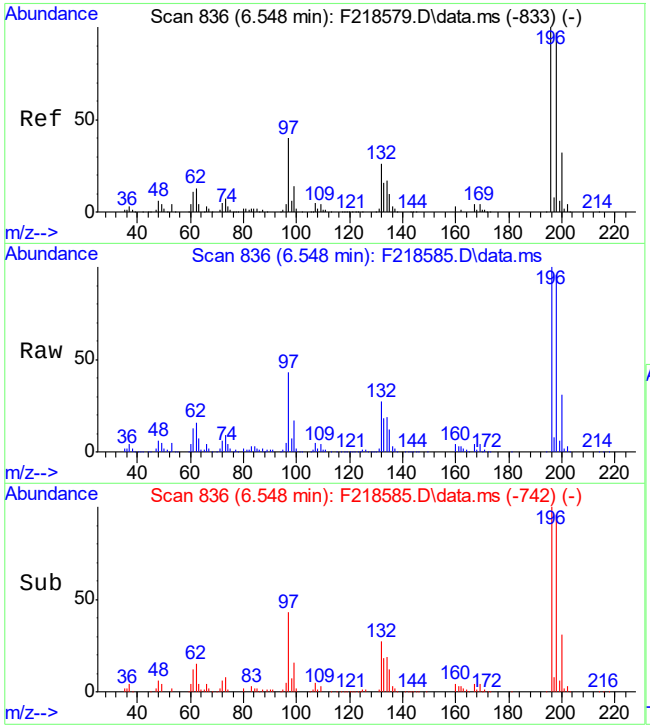


#49
2,4,6-Trichlorophenol
Concen: 89.94 ppm
RT: 6.521 min Scan# 831
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:196 Resp: 110555

Ion	Ratio	Lower	Upper
196	100		
198	95.9	66.2	126.2
200	31.6	1.7	61.7

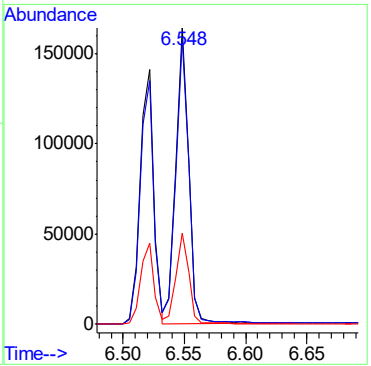


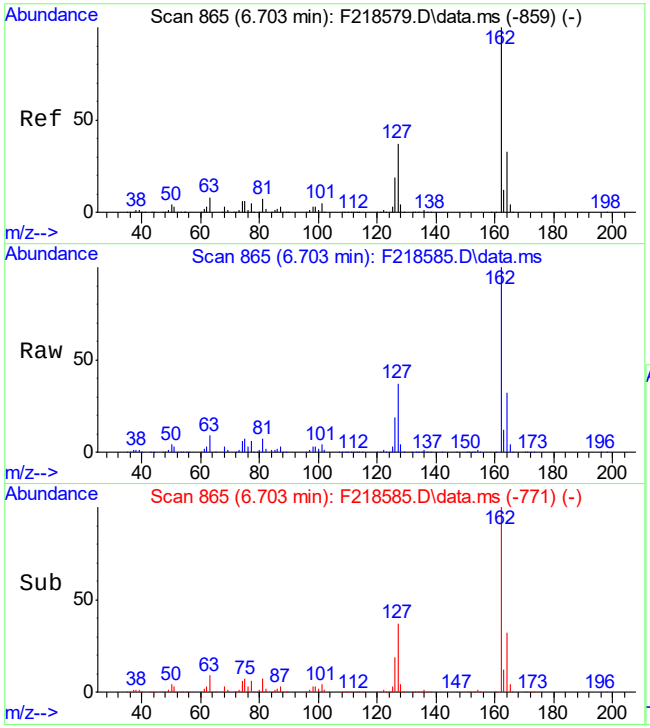


#50
2,4,5-Trichlorophenol
Concen: 88.24 ppm
RT: 6.548 min Scan# 836
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:196 Resp: 120275

Ion	Ratio	Lower	Upper
196	100		
198	96.2	66.8	126.8
200	30.4	1.7	61.7

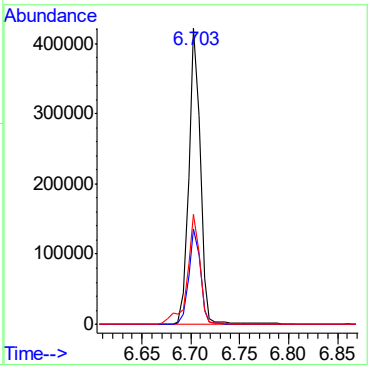


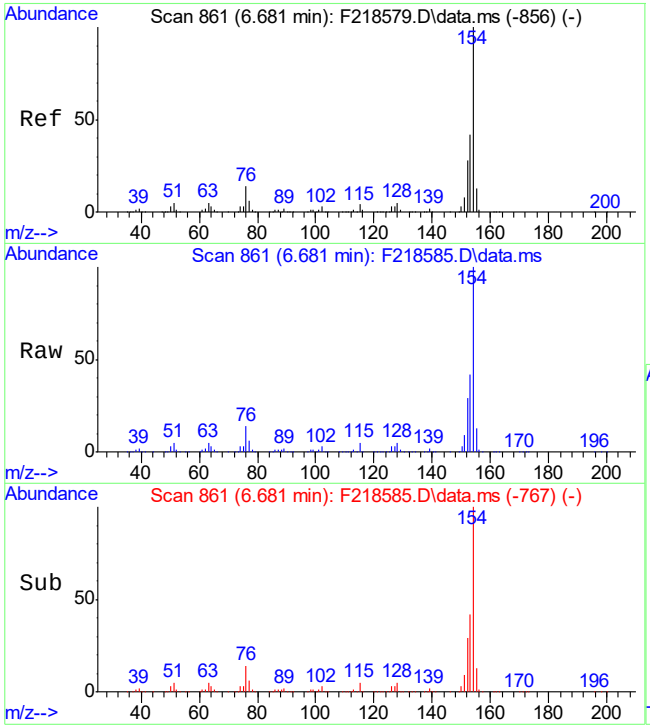


#52
2-Chloronaphthalene
Concen: 86.69 ppm
RT: 6.703 min Scan# 865
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:162 Resp: 346238

Ion	Ratio	Lower	Upper
162	100		
164	32.4	3.0	63.0
127	37.1	6.9	66.9

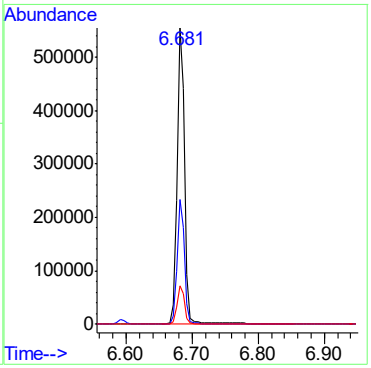


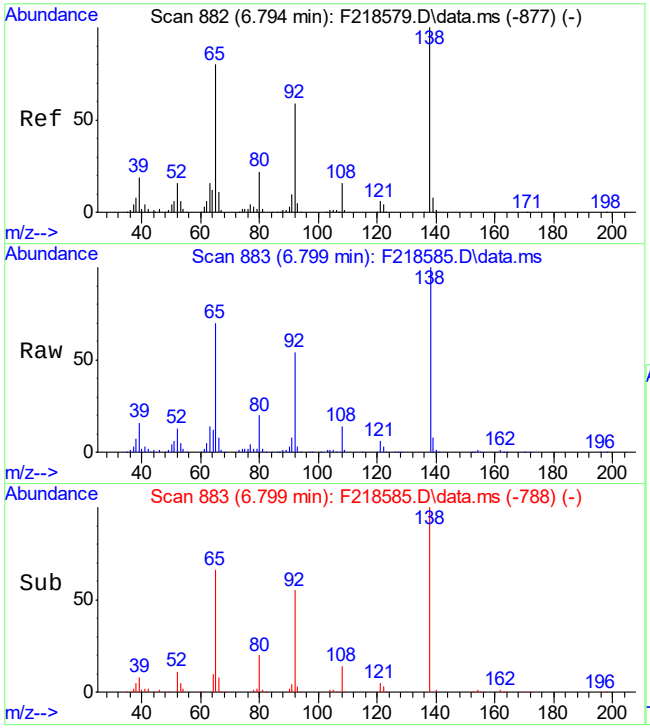


#53
Biphenyl
Concen: 88.73 ppm
RT: 6.681 min Scan# 861
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:154 Resp: 453897

Ion	Ratio	Lower	Upper
154	100		
153	42.0	12.0	72.0
155	12.8	0.0	42.7

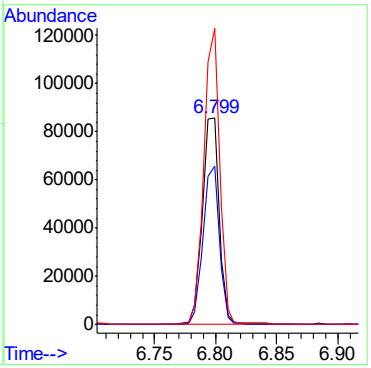


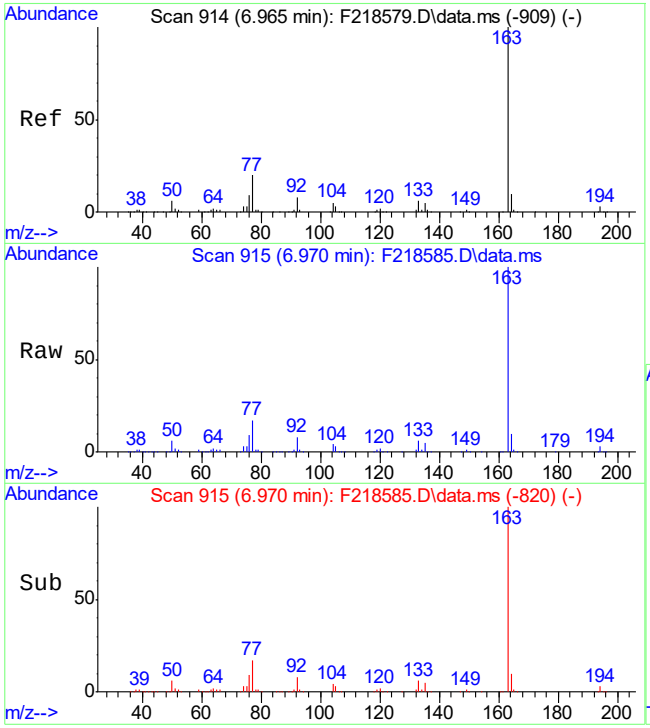


#54
2-Nitroaniline
Concen: 87.57 ppm
RT: 6.799 min Scan# 883
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 65 Resp: 80970

Ion	Ratio	Lower	Upper
65	100		
92	77.0	43.2	103.2
138	143.8	94.6	154.6

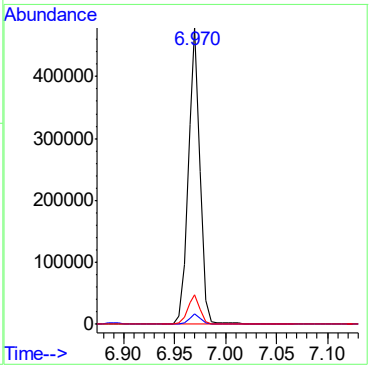


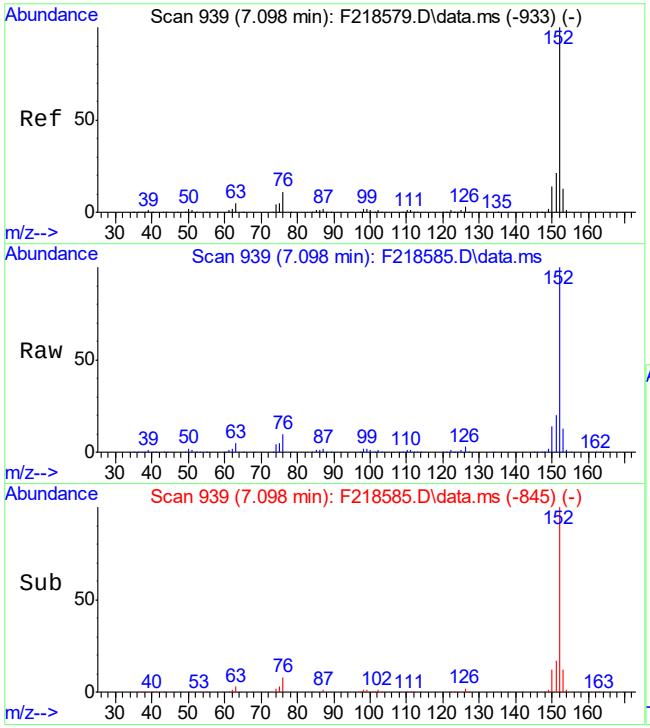


#55
Dimethylphthalate
Concen: 89.70 ppm
RT: 6.970 min Scan# 915
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:163 Resp: 389193

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	33.2
164	9.7	0.0	40.3

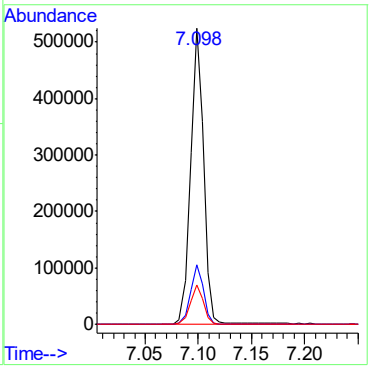


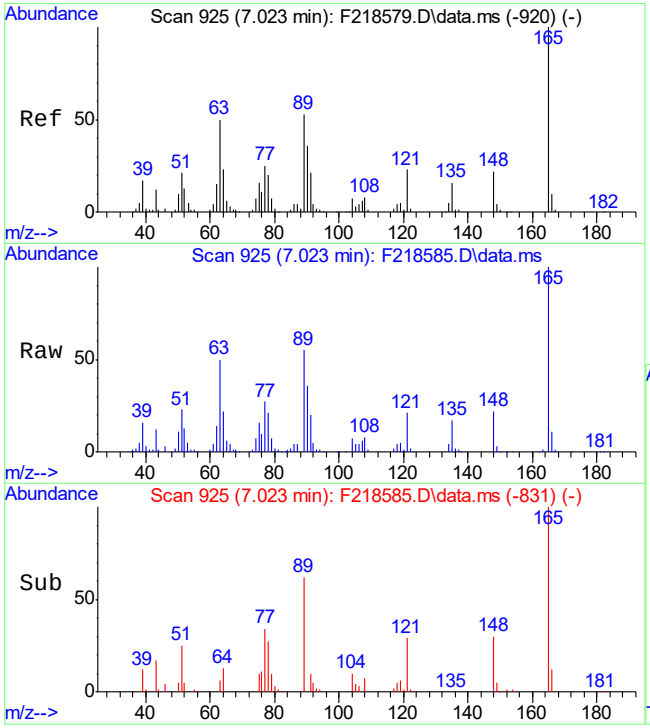


#56
Acenaphthylene
Concen: 94.04 ppm
RT: 7.098 min Scan# 939
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:152 Resp: 450936

Ion	Ratio	Lower	Upper
152	100		
151	20.1	0.0	50.5
153	13.1	0.0	43.0

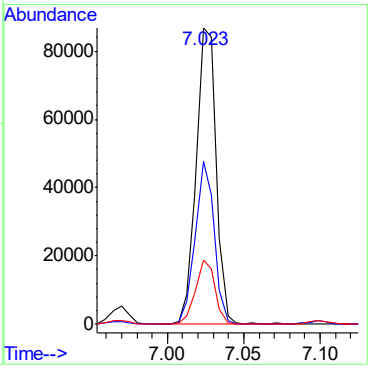


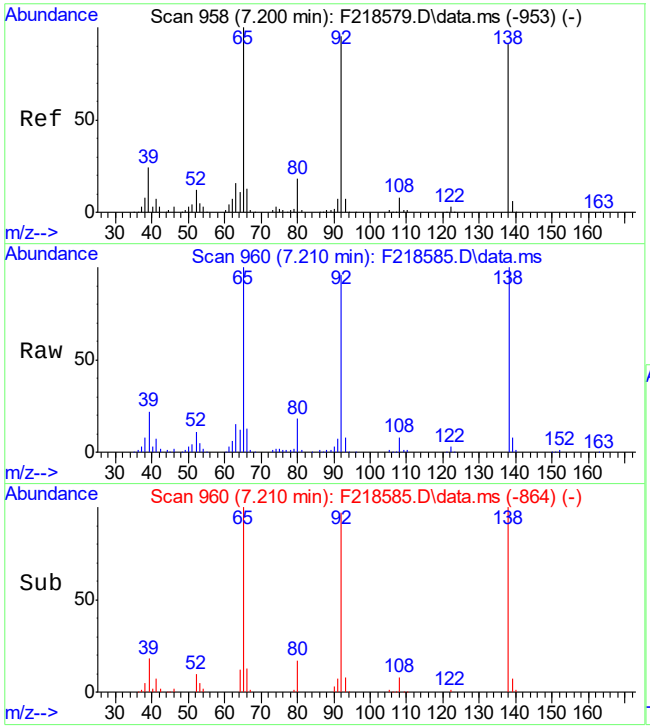


#57
2,6-Dinitrotoluene
Concen: 91.32 ppm
RT: 7.023 min Scan# 925
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:165 Resp: 79007

Ion	Ratio	Lower	Upper
165	100		
89	54.9	23.2	83.2
121	21.5	0.0	52.8

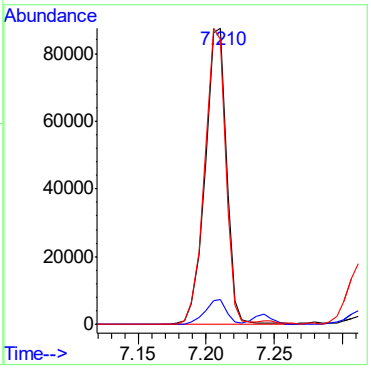


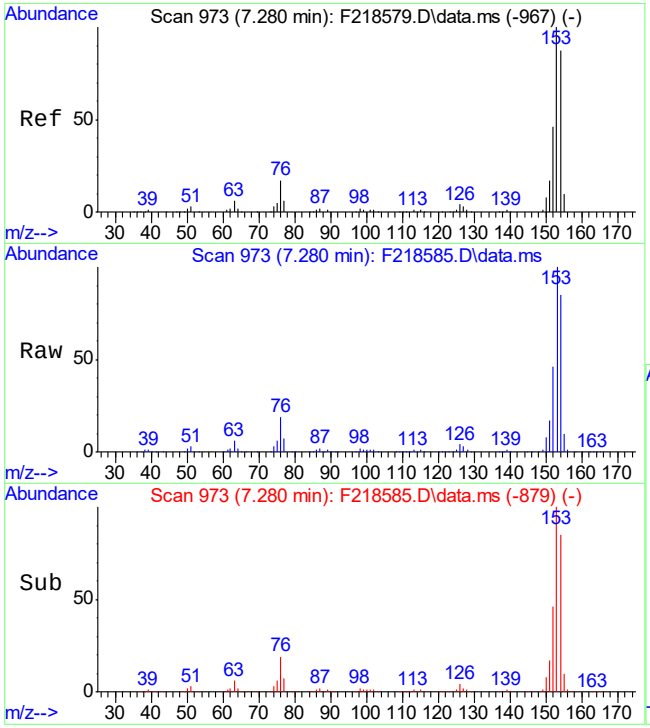


#58
3-Nitroaniline
Concen: 90.41 ppm
RT: 7.210 min Scan# 960
Delta R.T. 0.011 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:138 Resp: 95691

Ion	Ratio	Lower	Upper
138	100		
108	8.3	0.0	38.0
92	96.0	74.4	134.4

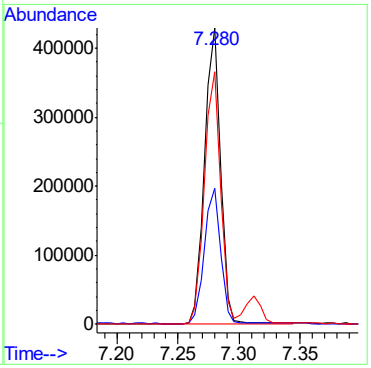


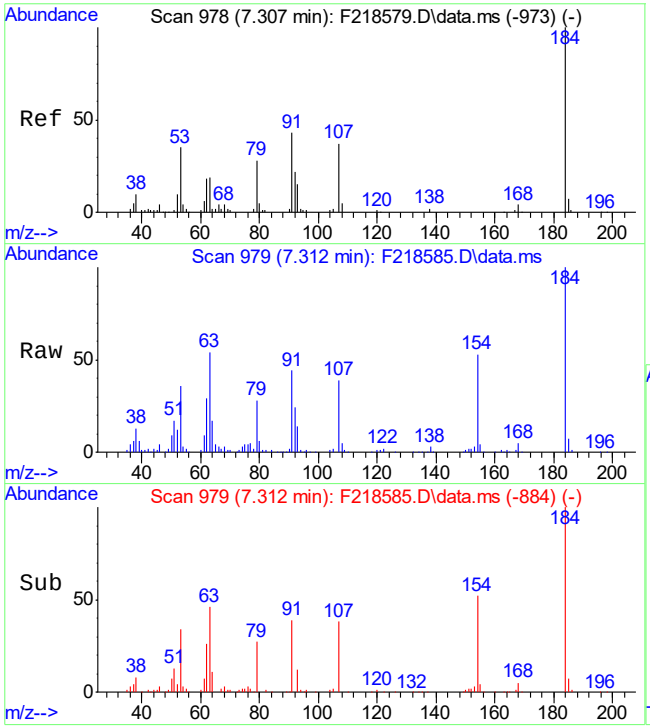


#59
Acenaphthene
Concen: 88.54 ppm
RT: 7.280 min Scan# 973
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:153 Resp: 386771

Ion	Ratio	Lower	Upper
153	100		
152	45.5	16.3	76.3
154	85.1	57.4	117.4

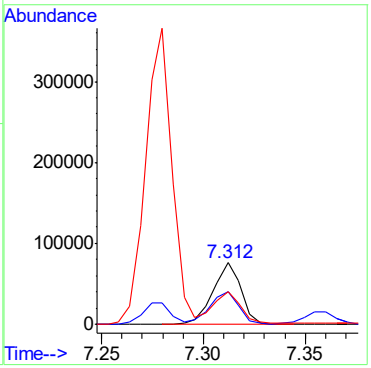


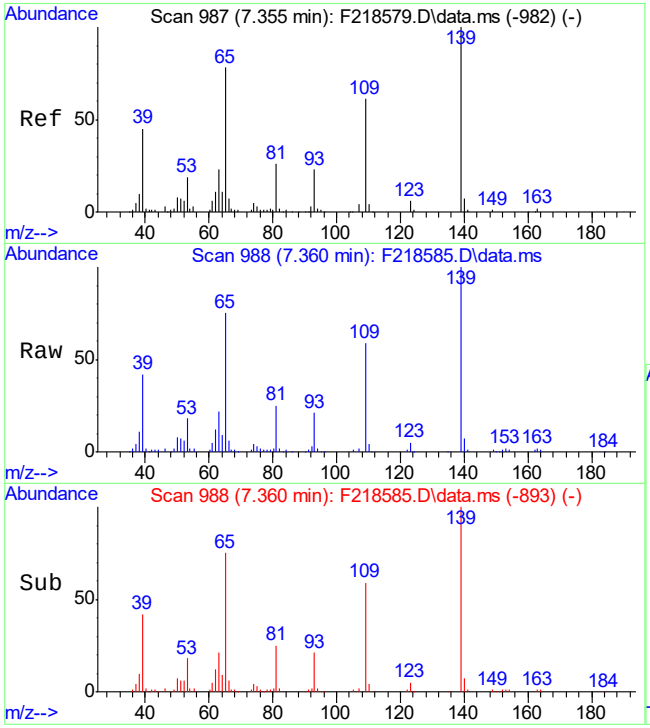


#60
2,4-Dinitrophenol
Concen: 180.85 ppm
RT: 7.312 min Scan# 979
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:184 Resp: 72709

Ion	Ratio	Lower	Upper
184	100		
63	34.2	0.0	60.0
154	0.0	0.0	30.0

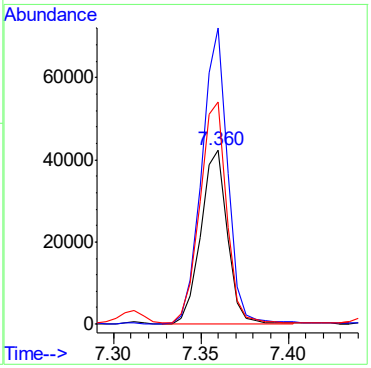


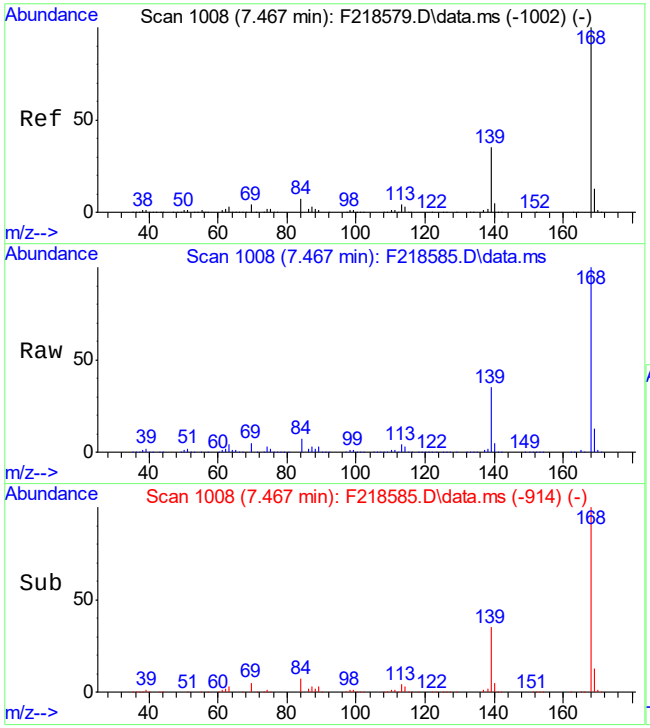


#61
4-Nitrophenol
Concen: 88.74 ppm
RT: 7.360 min Scan# 988
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:109 Resp: 44725

Ion	Ratio	Lower	Upper
109	100		
139	170.0	134.4	194.4
65	127.5	98.6	158.6

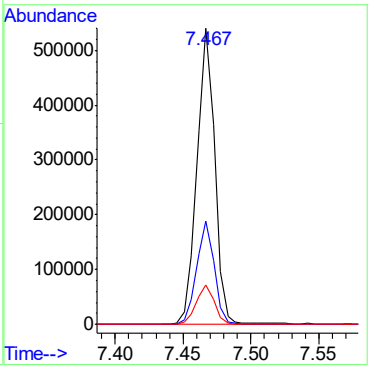


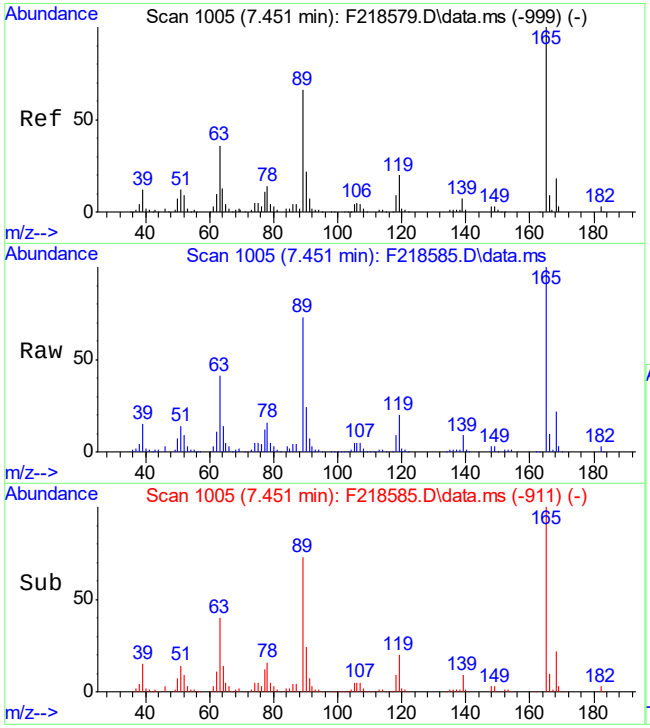


#62
Dibenzofuran
Concen: 87.82 ppm
RT: 7.467 min Scan# 1008
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:168 Resp: 492474

Ion	Ratio	Lower	Upper
168	100		
139	35.0	5.2	65.2
169	13.3	0.0	43.3

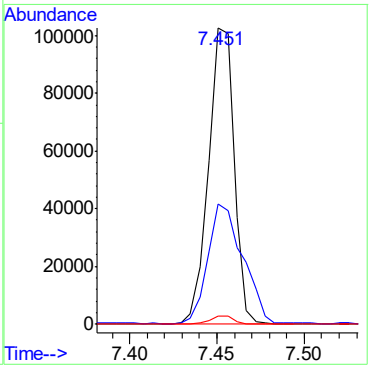


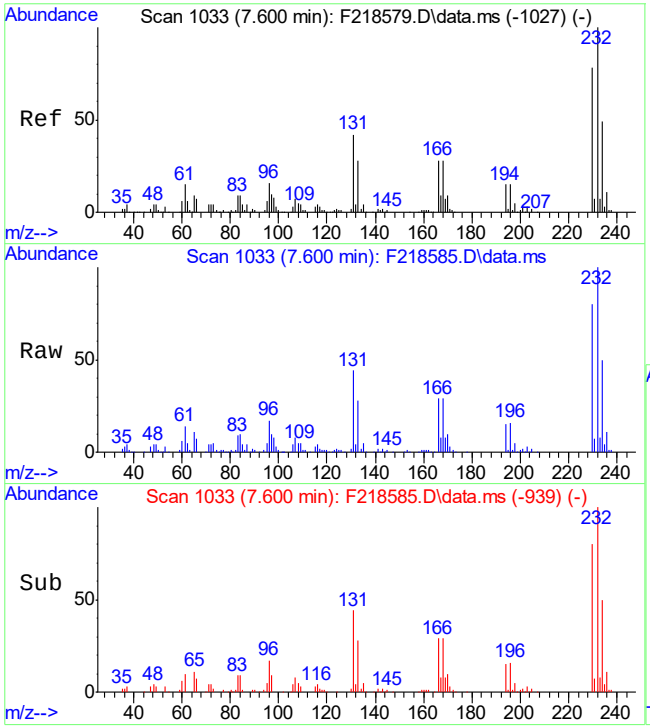


#63
2,4-Dinitrotoluene
Concen: 90.80 ppm
RT: 7.451 min Scan# 1005
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:165 Resp: 104817

Ion	Ratio	Lower	Upper
165	100		
63	40.5	6.1	66.1
182	2.7	0.0	32.6

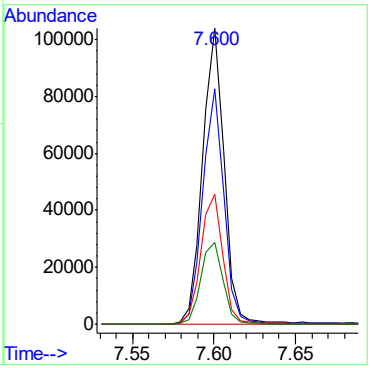


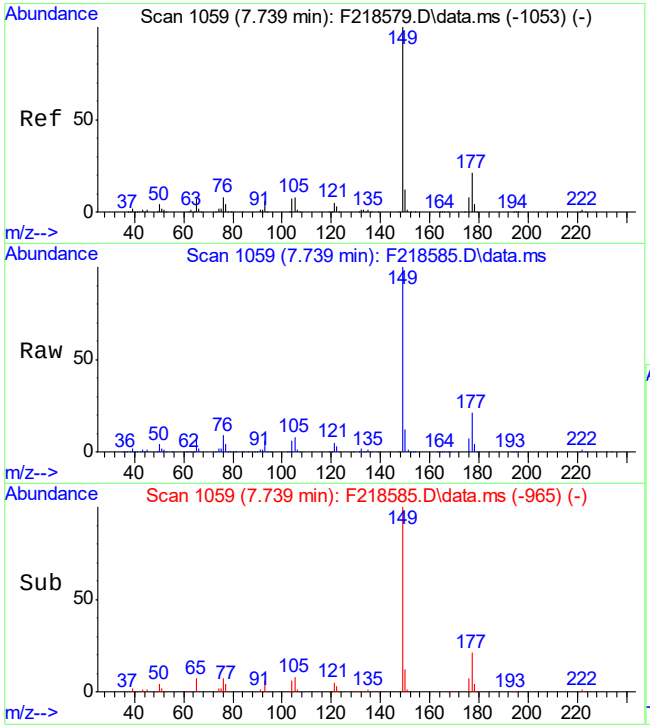


#64
2,3,4,6-Tetrachlorophenol
Concen: 89.07 ppm
RT: 7.600 min Scan# 1033
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:232 Resp: 95930

Ion	Ratio	Lower	Upper
232	100		
230	79.6	48.4	108.4
131	44.1	11.7	71.7
133	27.8	0.0	57.9

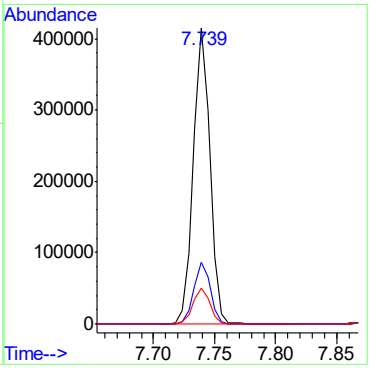


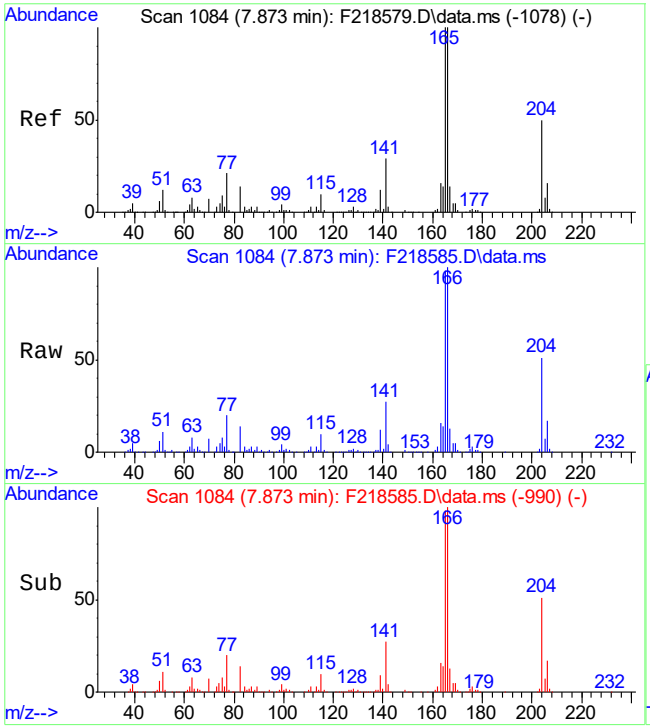


#65
Diethylphthalate
Concen: 88.90 ppm
RT: 7.739 min Scan# 1059
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:149 Resp: 392253

Ion	Ratio	Lower	Upper
149	100		
177	20.7	0.0	50.6
150	12.1	0.0	42.0

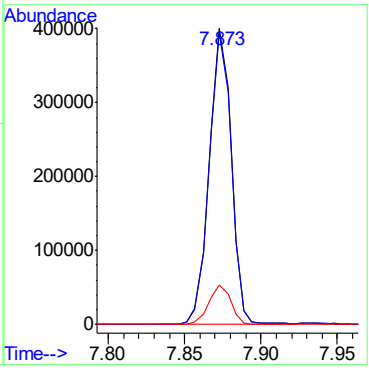


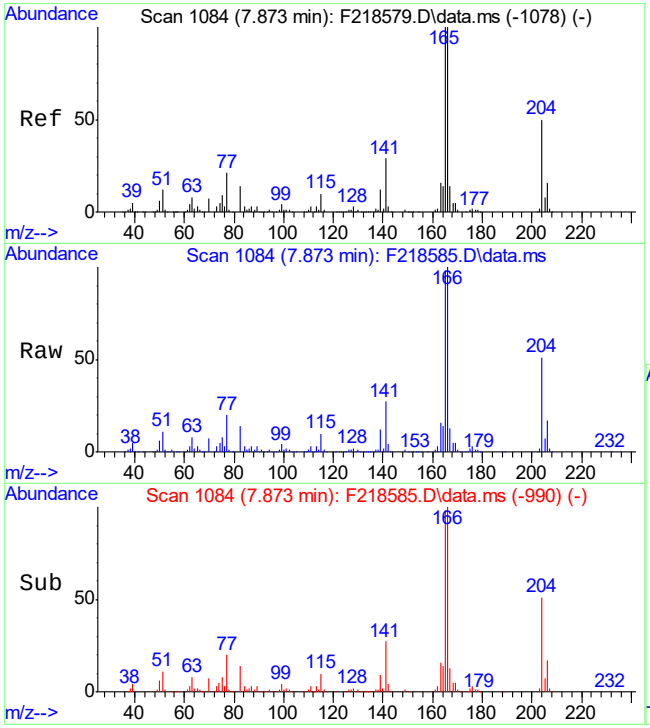


#66
Fluorene
Concen: 90.01 ppm
RT: 7.873 min Scan# 1084
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:166 Resp: 400582

Ion	Ratio	Lower	Upper
166	100		
165	98.4	69.8	129.8
167	13.3	0.0	43.7

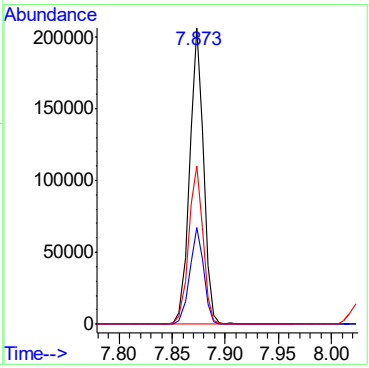


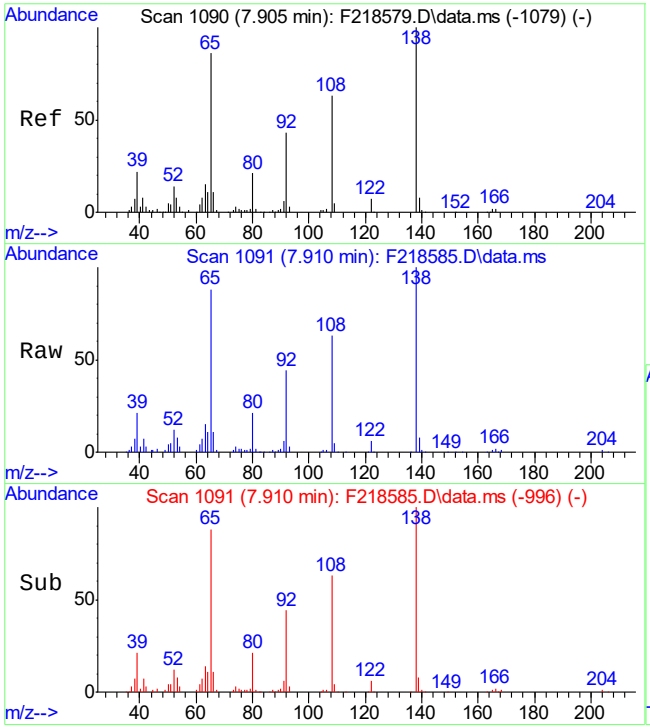


#67
4-Chlorophenyl-phenylether
Concen: 91.19 ppm
RT: 7.873 min Scan# 1084
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:204 Resp: 187586

Ion	Ratio	Lower	Upper
204	100		
206	32.6	2.1	62.1
141	53.4	26.8	86.8

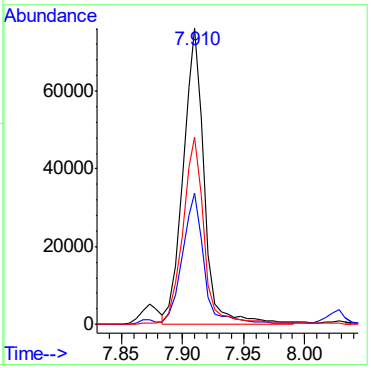


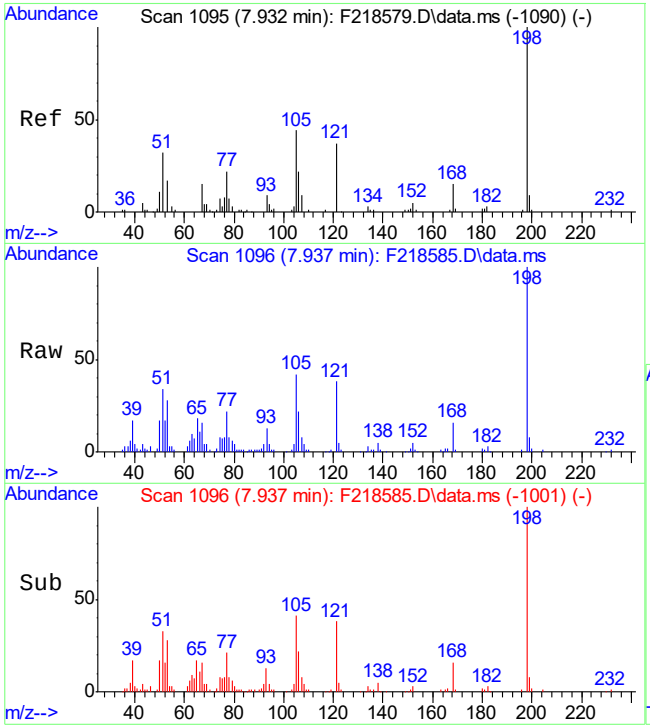


#68
4-Nitroaniline
Concen: 81.92 ppm
RT: 7.910 min Scan# 1091
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:138 Resp: 91995

Ion	Ratio	Lower	Upper
138	100		
92	44.6	13.3	73.3
108	63.6	32.8	92.8

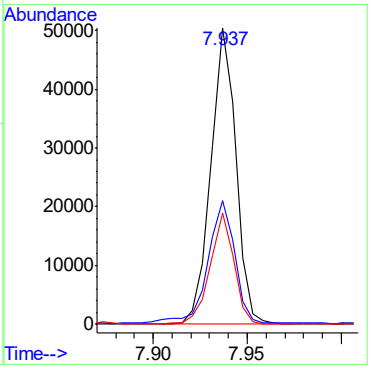


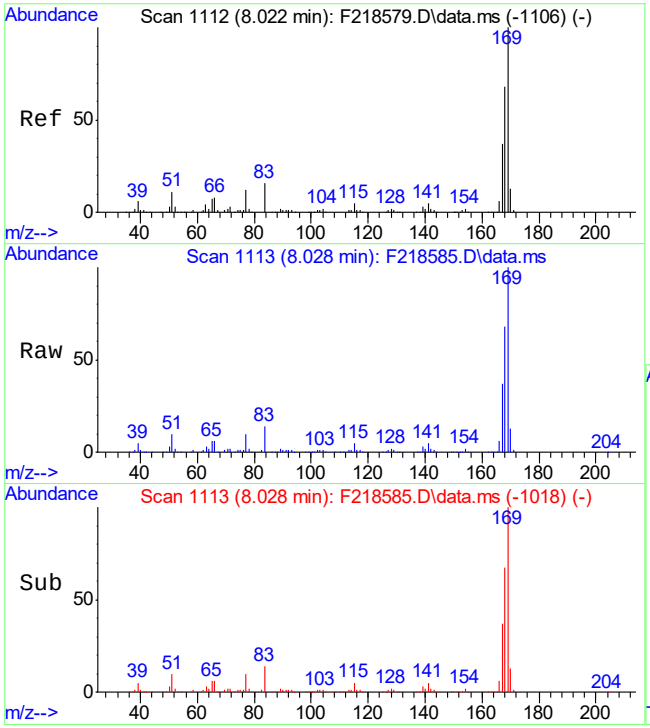


#70
4,6-Dinitro-2-methylphenol
Concen: 92.34 ppm
RT: 7.937 min Scan# 1096
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:198 Resp: 46640

Ion	Ratio	Lower	Upper
198	100		
105	40.9	14.8	74.8
121	37.7	7.1	67.1

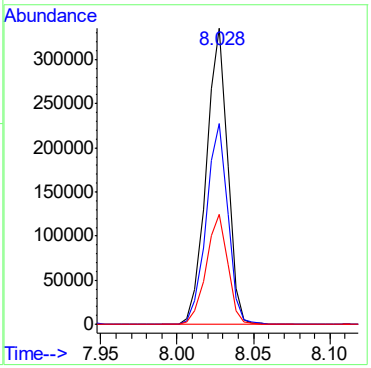


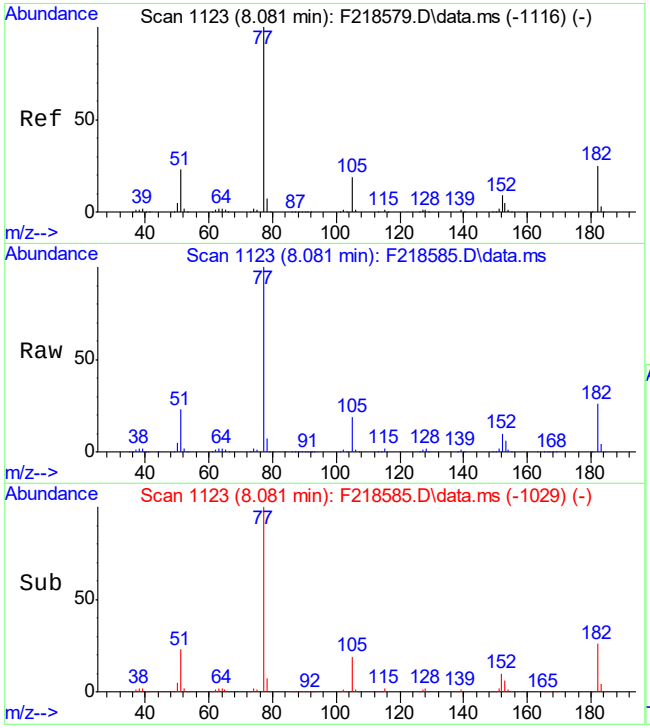


#71
n-Nitrosodiphenylamine
Concen: 86.38 ppm
RT: 8.028 min Scan# 1113
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:169 Resp: 323499

Ion	Ratio	Lower	Upper
169	100		
168	67.7	37.7	97.7
167	37.2	7.1	67.1

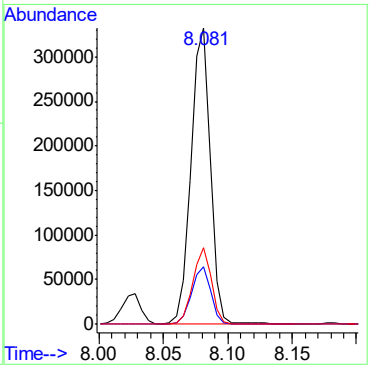


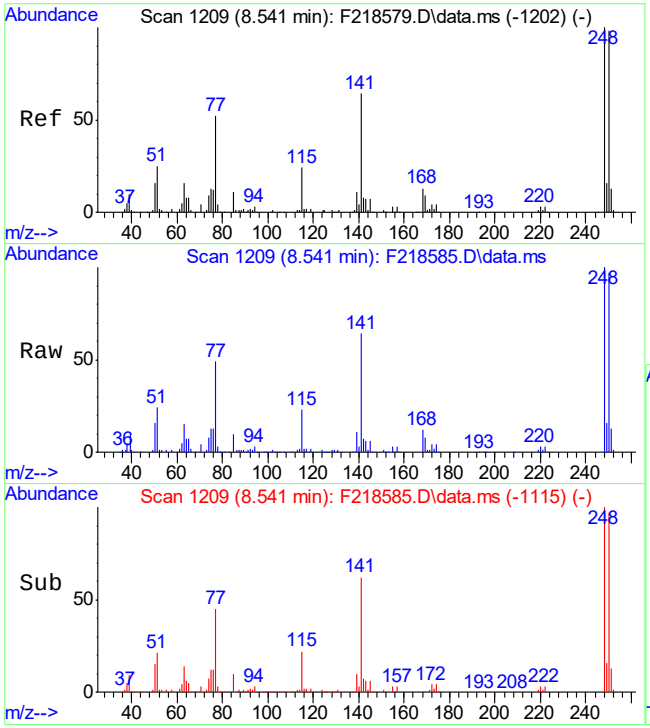


#72
1,2-Diphenylhydrazine
Concen: 83.56 ppm
RT: 8.081 min Scan# 1123
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 77 Resp: 353516

Ion	Ratio	Lower	Upper
77	100		
105	19.1	0.0	48.6
182	25.8	0.0	54.6

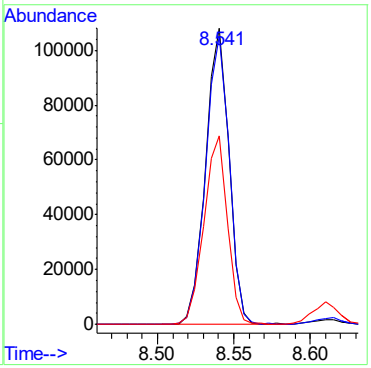


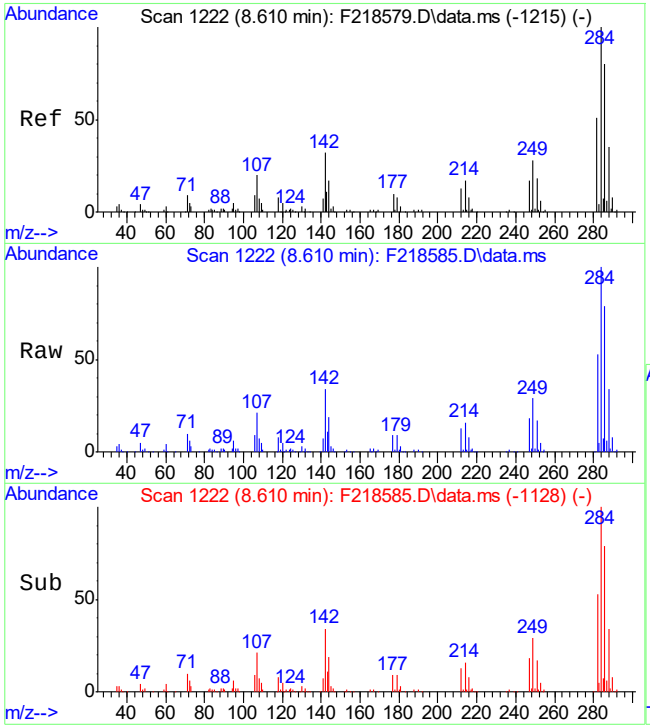


#74
4-Bromophenyl-phenylether
Concen: 88.21 ppm
RT: 8.541 min Scan# 1209
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:248 Resp: 114576

Ion	Ratio	Lower	Upper
248	100		
250	97.3	68.3	128.3
141	63.5	34.4	94.4

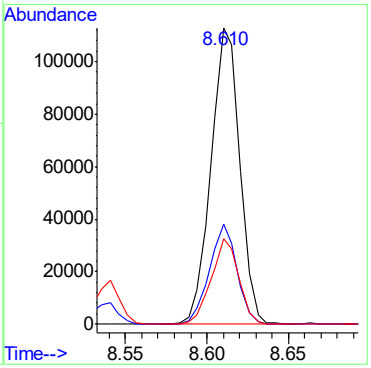


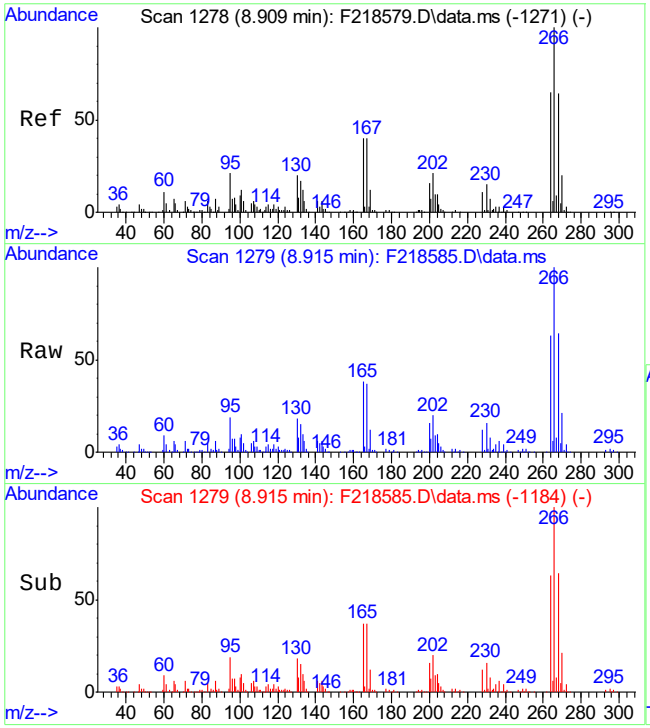


#75
Hexachlorobenzene
Concen: 86.24 ppm
RT: 8.610 min Scan# 1222
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:284 Resp: 138700

Ion	Ratio	Lower	Upper
284	100		
142	33.7	2.4	62.4
249	28.7	0.0	57.7

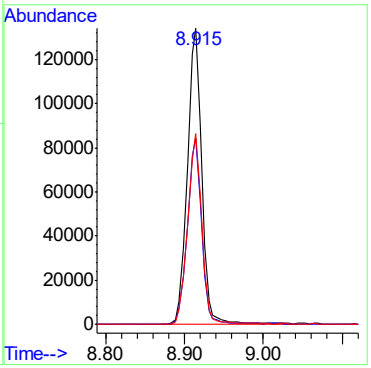


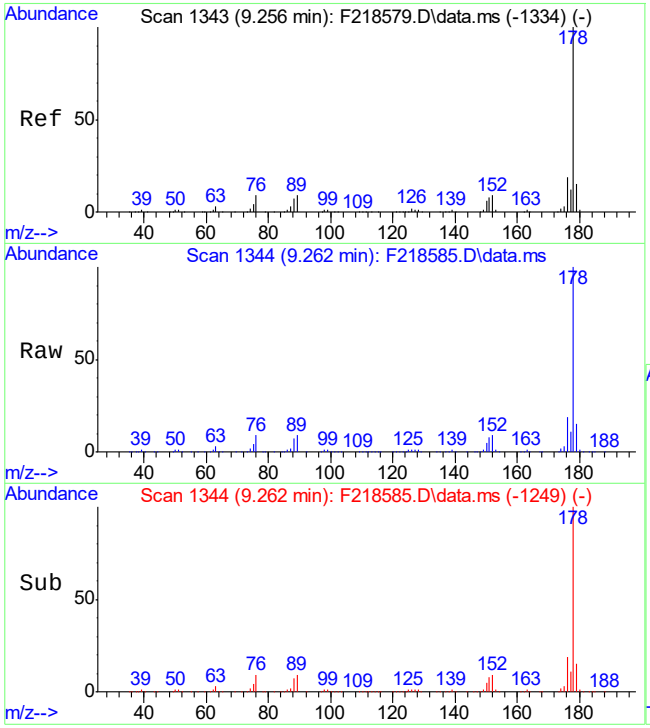


#76
Pentachlorophenol
Concen: 180.56 ppm
RT: 8.915 min Scan# 1279
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:266 Resp: 171884

Ion	Ratio	Lower	Upper
266	100		
264	62.8	34.7	94.7
268	64.5	33.8	93.8

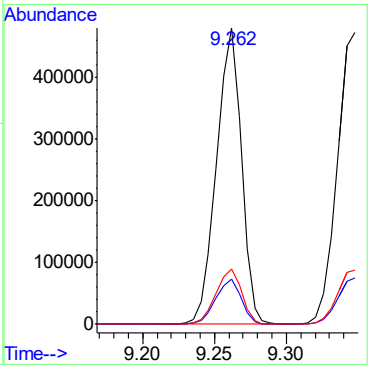


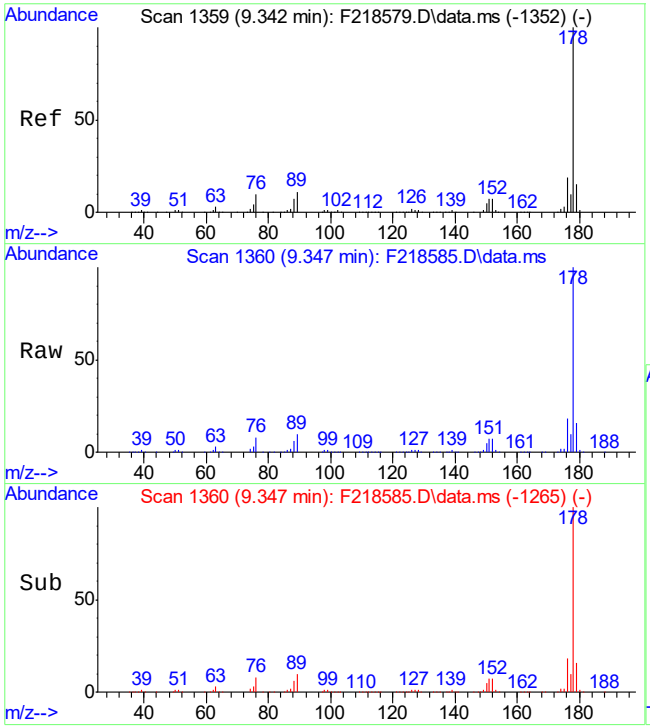


#77
Phenanthrene
Concen: 86.44 ppm
RT: 9.262 min Scan# 1344
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:178 Resp: 571152

Ion	Ratio	Lower	Upper
178	100		
179	15.1	0.0	45.2
176	18.8	0.0	48.7

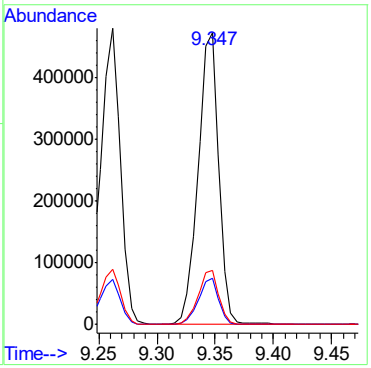


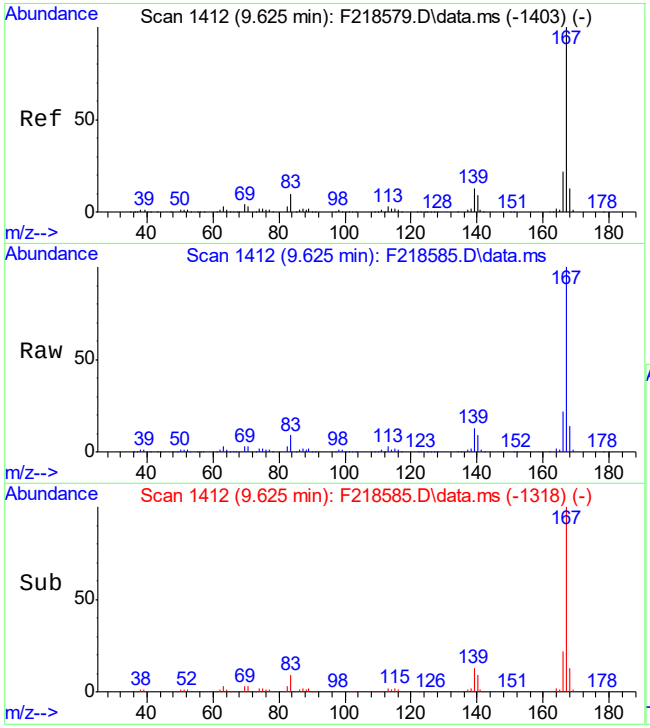


#78
Anthracene
Concen: 88.10 ppm
RT: 9.347 min Scan# 1360
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:178 Resp: 583078

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	45.2
176	18.5	0.0	48.6

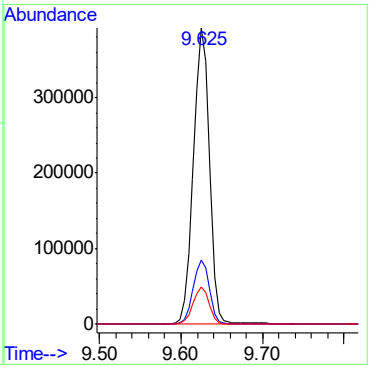


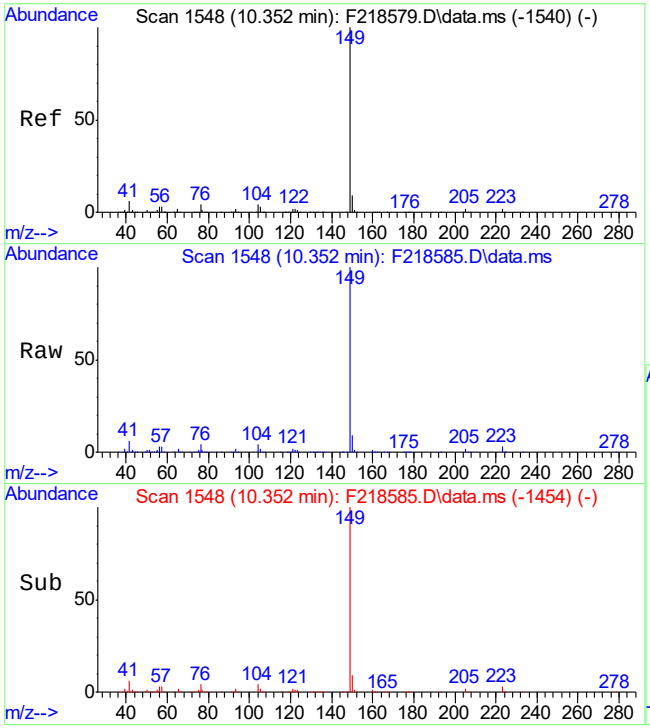


#79
Carbazole
Concen: 87.67 ppm
RT: 9.625 min Scan# 1412
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:167 Resp: 535796

Ion	Ratio	Lower	Upper
167	100		
166	21.6	0.0	52.1
139	12.5	0.0	42.7

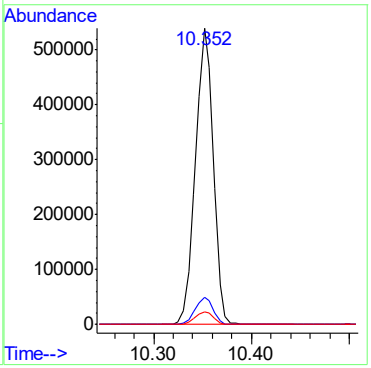


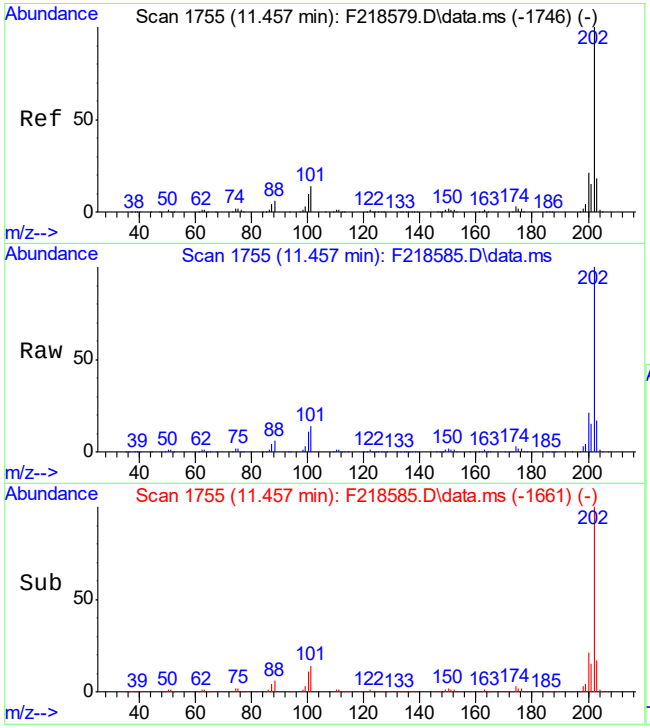


#80
Di-n-butylphthalate
Concen: 86.28 ppm
RT: 10.352 min Scan# 1548
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:149 Resp: 682344

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	39.1
104	4.2	0.0	34.5

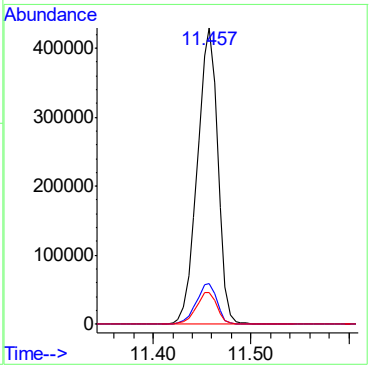


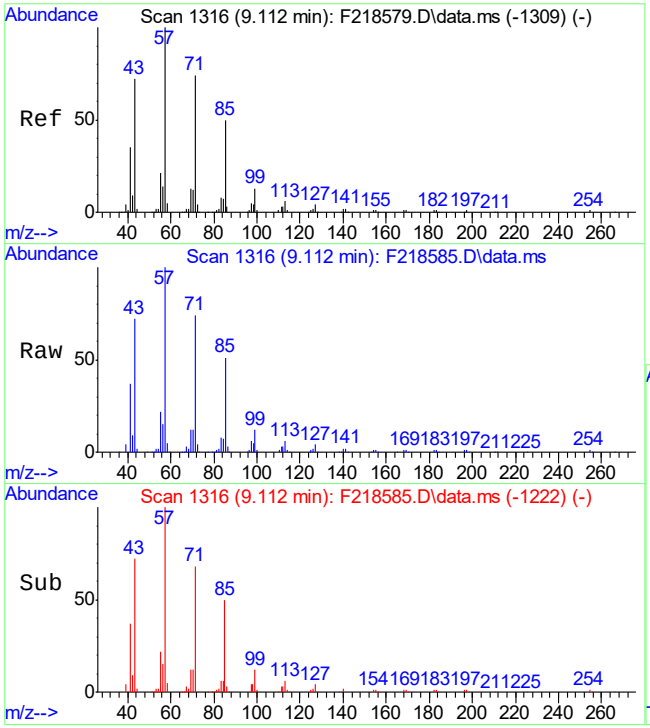


#81
Fluoranthene
Concen: 87.14 ppm
RT: 11.457 min Scan# 1755
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:202 Resp: 621946

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	43.8
100	10.5	0.0	40.4

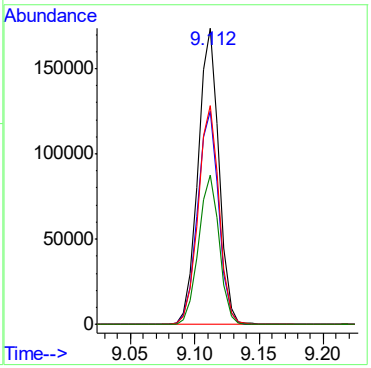


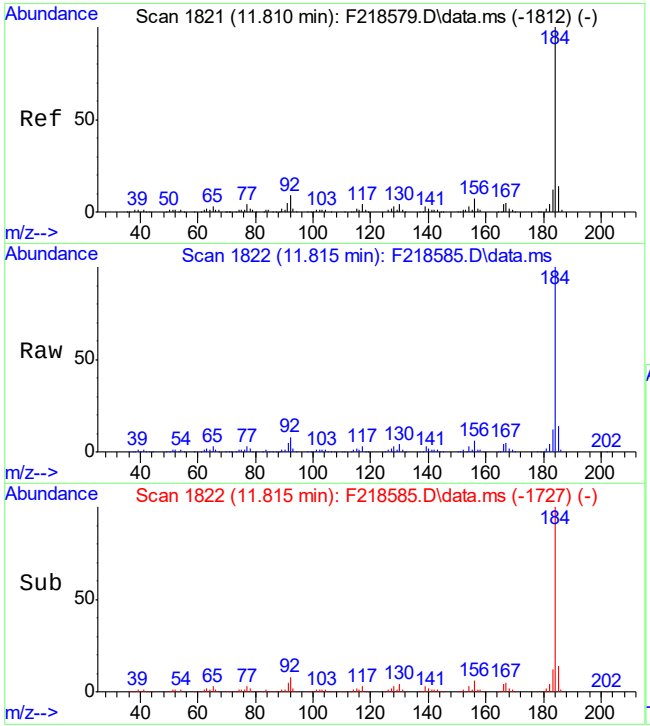


#82
Octadecane
Concen: 83.45 ppm
RT: 9.112 min Scan# 1316
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion: 57 Resp: 197949

Ion	Ratio	Lower	Upper
57	100		
43	72.0	42.0	102.0
71	73.9	43.7	103.7
85	50.6	20.3	80.3

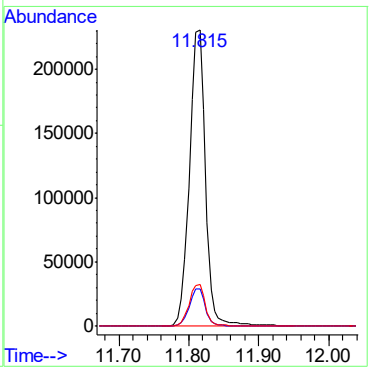


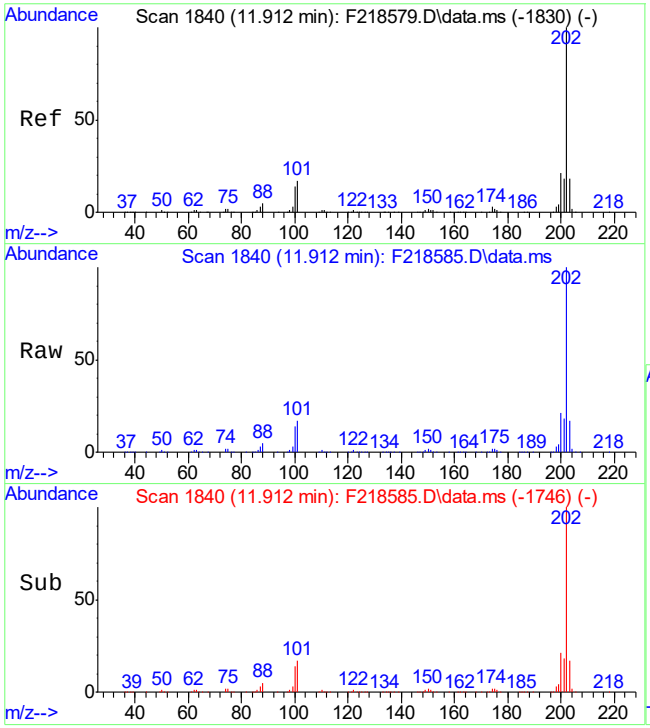


#84
Benzidine
Concen: 86.71 ppm
RT: 11.815 min Scan# 1822
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:184 Resp: 367803

Ion	Ratio	Lower	Upper
184	100		
183	12.5	0.0	61.9
185	14.0	0.0	63.7

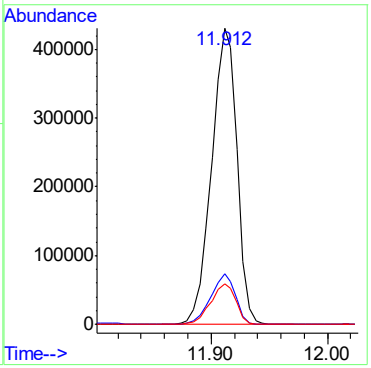


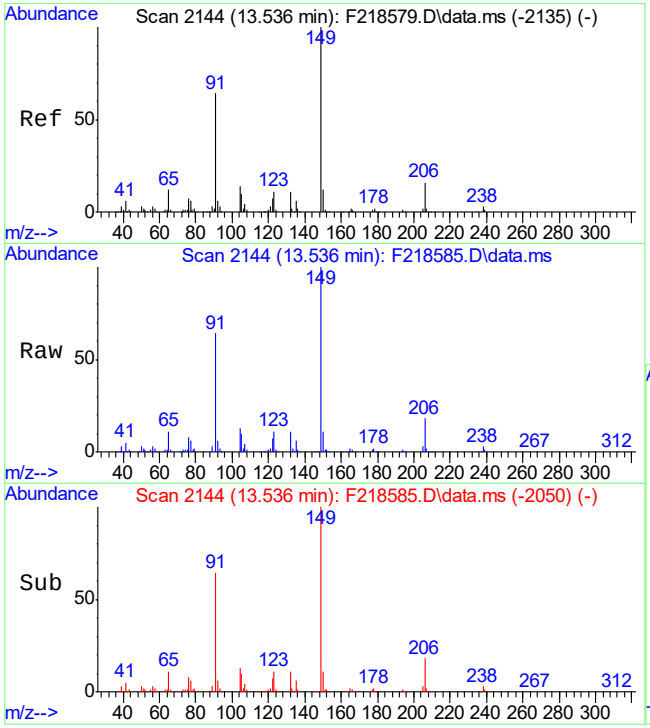


#85
Pyrene
Concen: 86.19 ppm
RT: 11.912 min Scan# 1840
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:202 Resp: 653700

Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	46.8
100	13.7	0.0	44.1

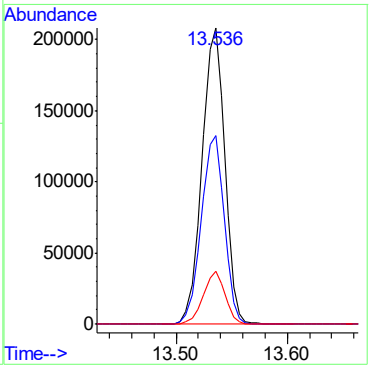


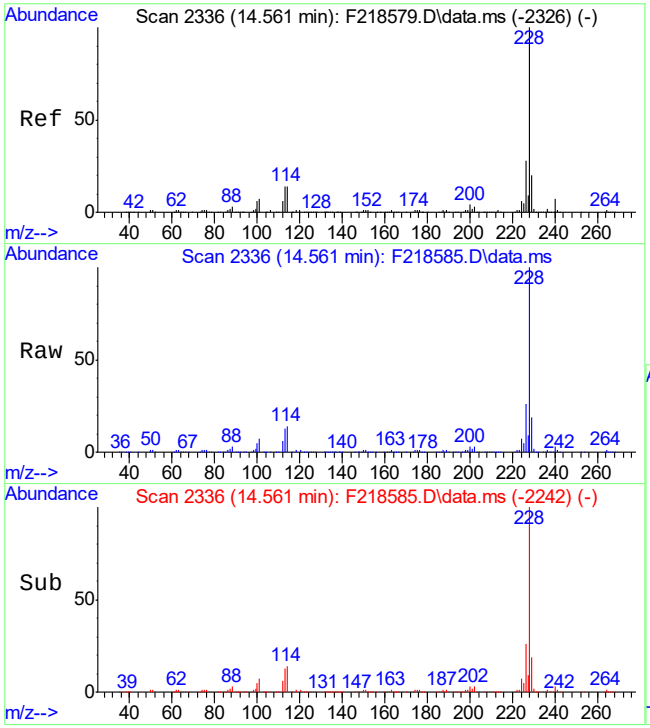


#87
Butylbenzylphthalate
Concen: 85.46 ppm
RT: 13.536 min Scan# 2144
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:149 Resp: 294385

Ion	Ratio	Lower	Upper
149	100		
91	63.8	34.1	94.1
206	17.7	0.0	46.0

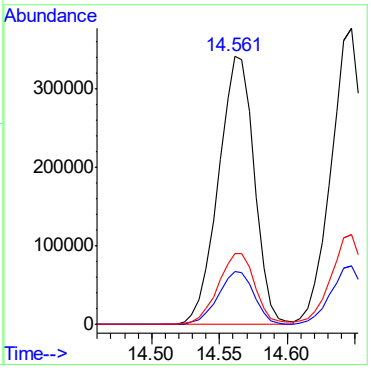


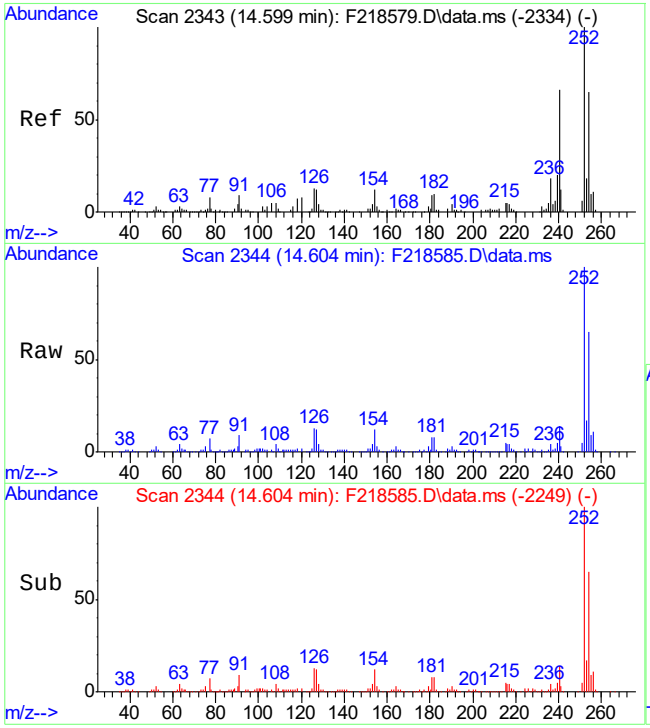


#88
Benzo[a]anthracene
Concen: 86.58 ppm
RT: 14.561 min Scan# 2336
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:228 Resp: 630721

Ion	Ratio	Lower	Upper
228	100		
229	19.5	0.0	50.4
226	25.8	0.0	57.6

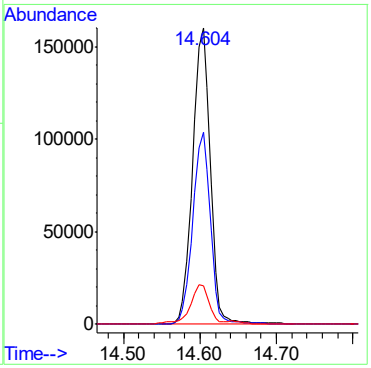


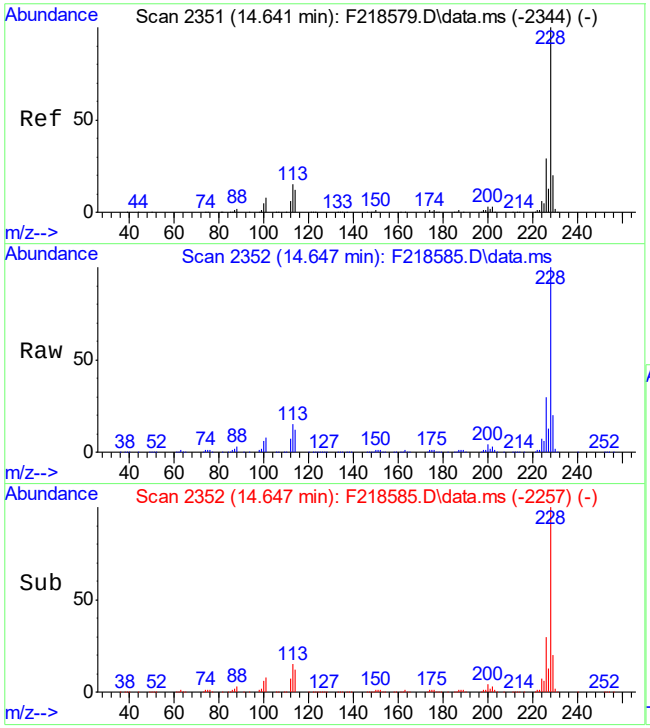


#89
3,3'-Dichlorobenzidine
Concen: 87.46 ppm
RT: 14.604 min Scan# 2344
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:252 Resp: 255908

Ion	Ratio	Lower	Upper
252	100		
254	65.0	34.6	94.6
126	12.5	0.0	43.3

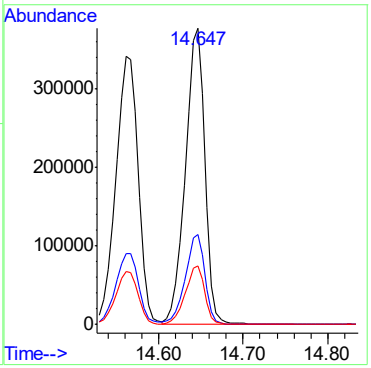


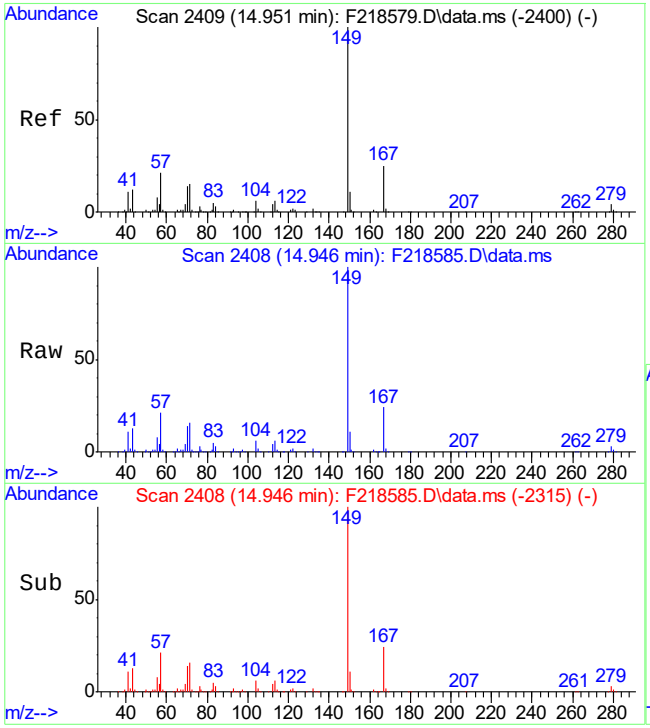


#90
Chrysene
Concen: 85.73 ppm
RT: 14.647 min Scan# 2352
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:228 Resp: 607717

Ion	Ratio	Lower	Upper
228	100		
226	30.2	0.0	58.8
229	19.6	0.0	49.7

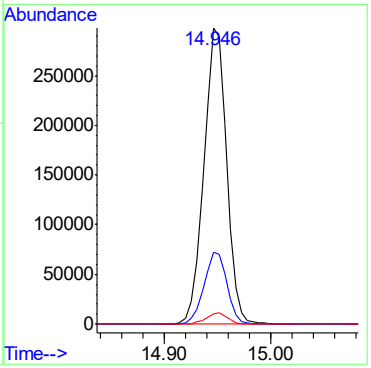


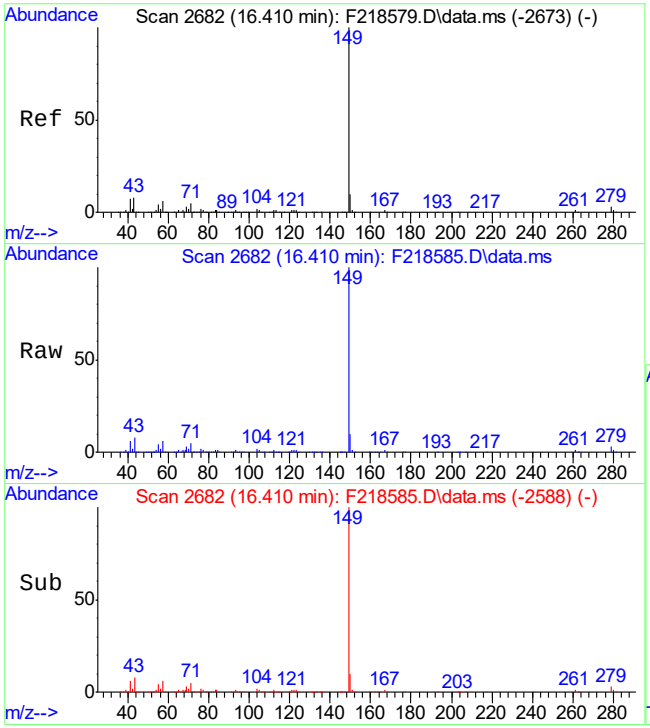


#91
bis(2-Ethylhexyl)phthalate
Concen: 85.08 ppm
RT: 14.946 min Scan# 2408
Delta R.T. -0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:149 Resp: 446681

Ion	Ratio	Lower	Upper
149	100		
167	24.2	0.0	55.1
279	3.4	0.0	33.8

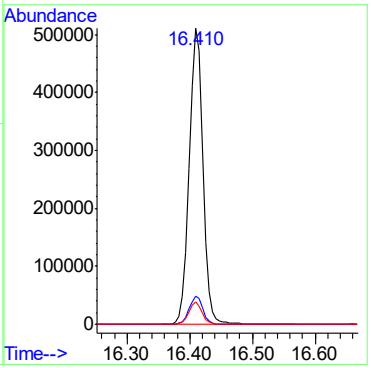


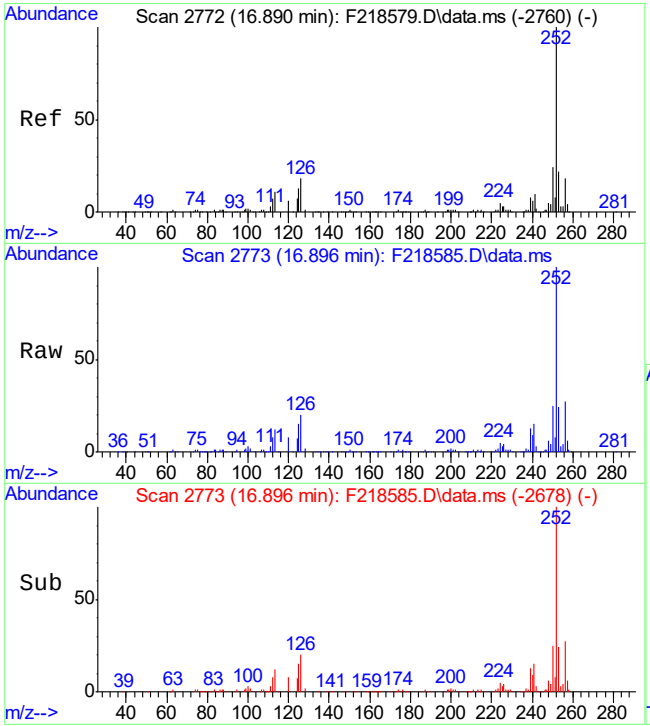


#93
Di-n-octylphthalate
Concen: 82.13 ppm
RT: 16.410 min Scan# 2682
Delta R.T. 0.000 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:149 Resp: 776294

Ion	Ratio	Lower	Upper
149	100		
150	9.6	0.0	39.5
43	7.7	0.0	37.6

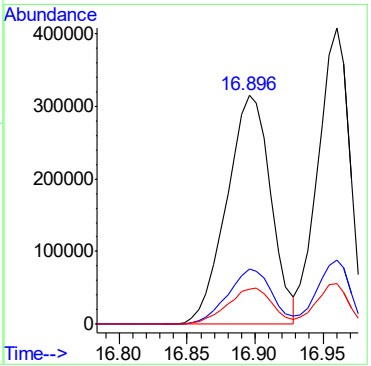


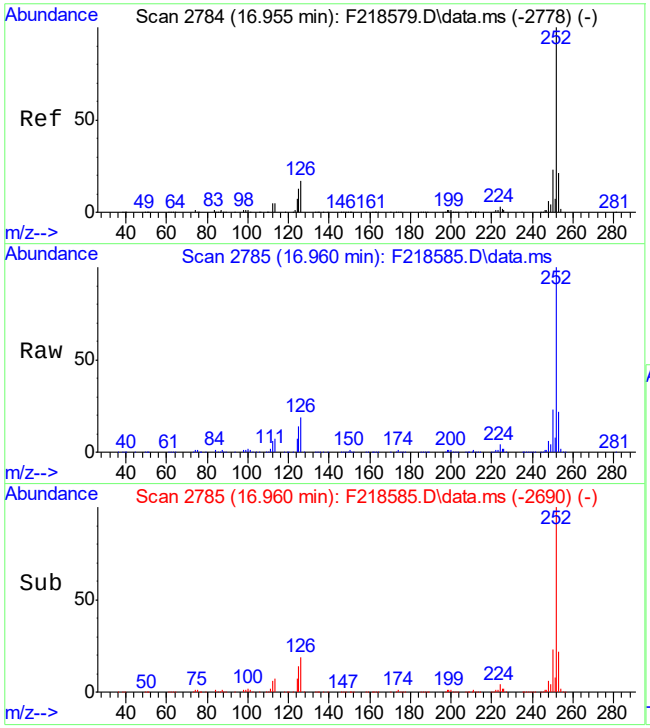


#94
Benzo[b]fluoranthene
Concen: 83.33 ppm
RT: 16.896 min Scan# 2773
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:252 Resp: 714037

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	51.6
125	14.8	0.0	43.1

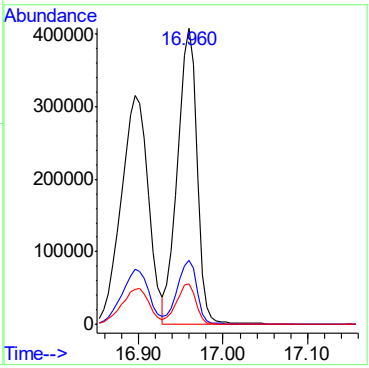


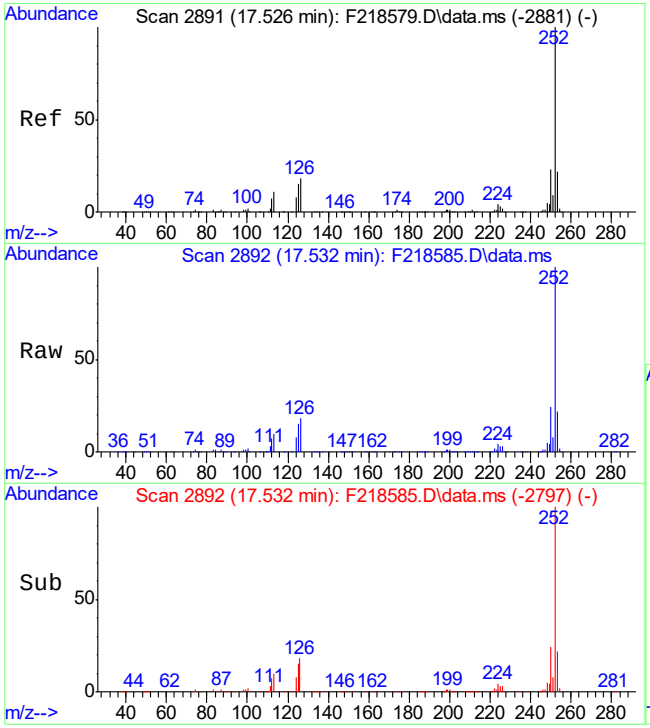


#95
Benzo[k]fluoranthene
Concen: 84.59 ppm
RT: 16.960 min Scan# 2785
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:252 Resp: 664582

Ion	Ratio	Lower	Upper
252	100		
253	21.5	0.0	51.4
125	13.4	0.0	43.5

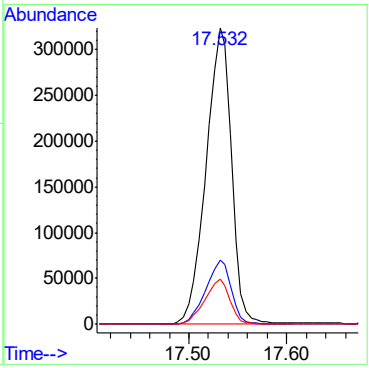


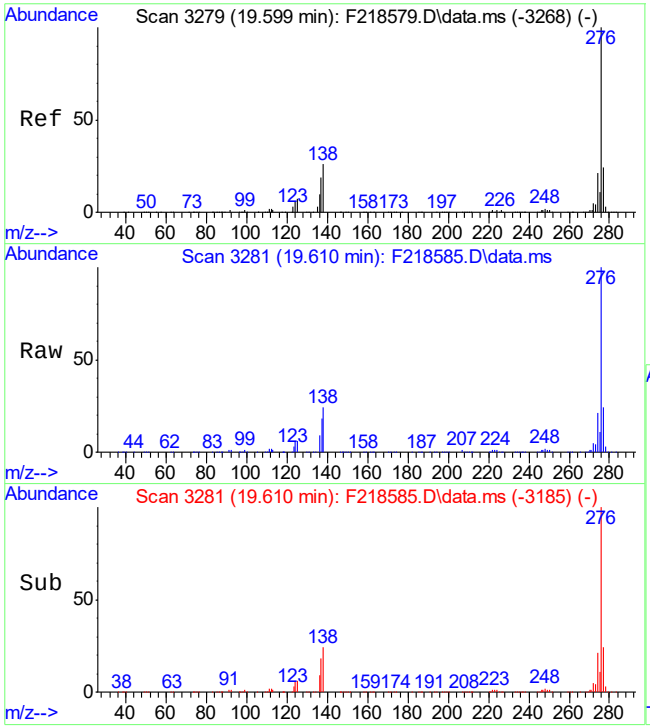


#96
Benzo[a]pyrene
Concen: 83.78 ppm
RT: 17.532 min Scan# 2892
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:252 Resp: 582312

Ion	Ratio	Lower	Upper
252	100		
253	21.7	0.0	51.8
125	15.2	0.0	45.1

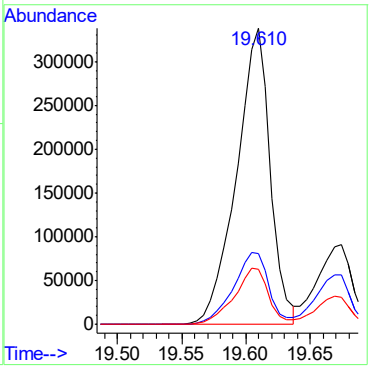


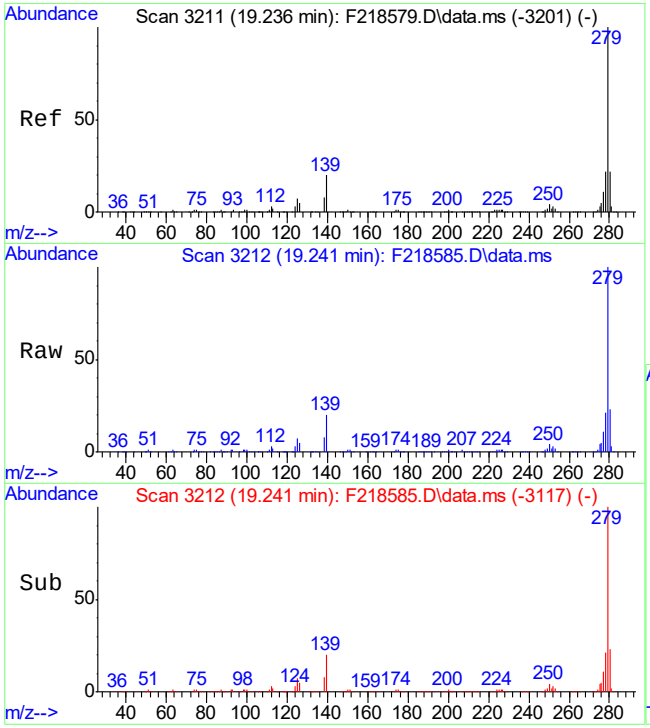


#97
Indeno[1,2,3-cd]pyrene
Concen: 84.51 ppm
RT: 19.610 min Scan# 3281
Delta R.T. 0.011 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:276 Resp: 616947

Ion	Ratio	Lower	Upper
276	100		
138	23.4	0.0	55.9
137	18.2	0.0	49.3

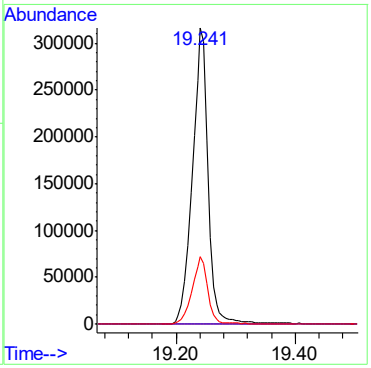


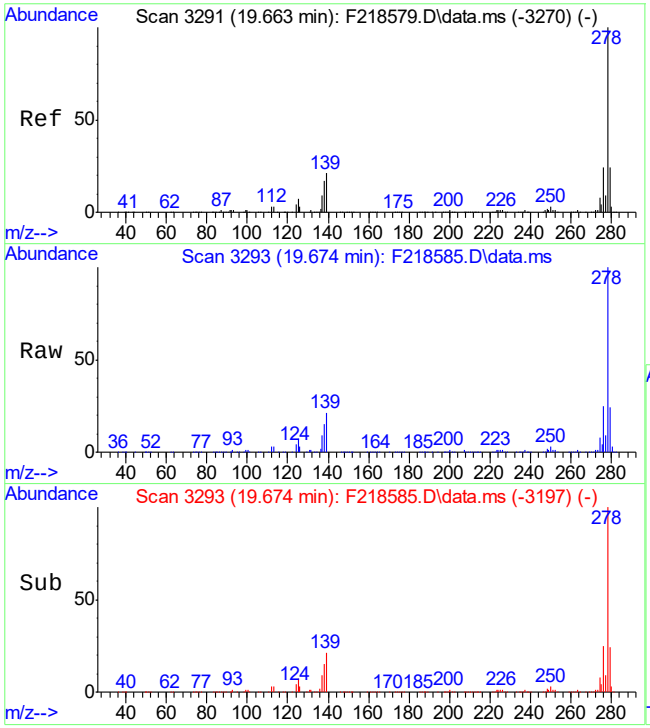


#98
Dibenz(a,h)acridine
Concen: 84.27 ppm
RT: 19.241 min Scan# 3212
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:279 Resp: 576929

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.9	0.0	52.5

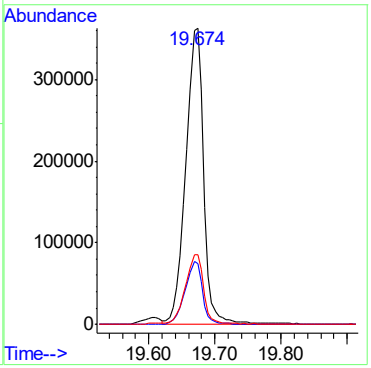


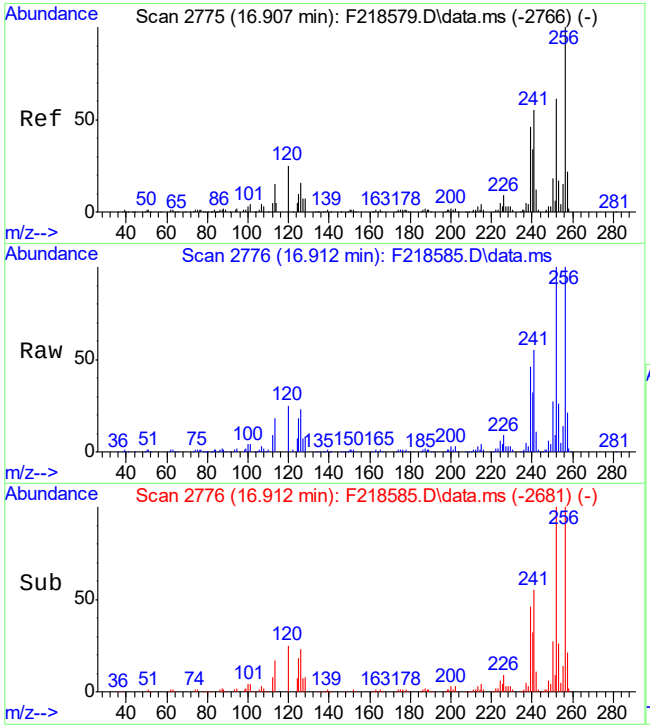


#99
Dibenz[a,h]anthracene
Concen: 80.93 ppm
RT: 19.674 min Scan# 3293
Delta R.T. 0.011 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:278 Resp: 682657

Ion	Ratio	Lower	Upper
278	100		
139	20.7	0.0	50.6
279	23.6	0.0	53.9

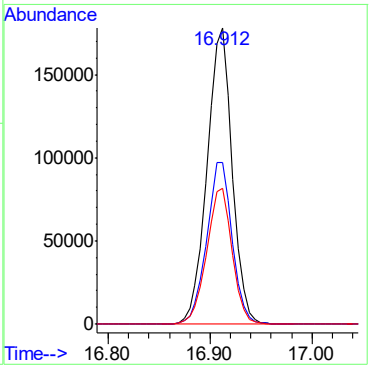


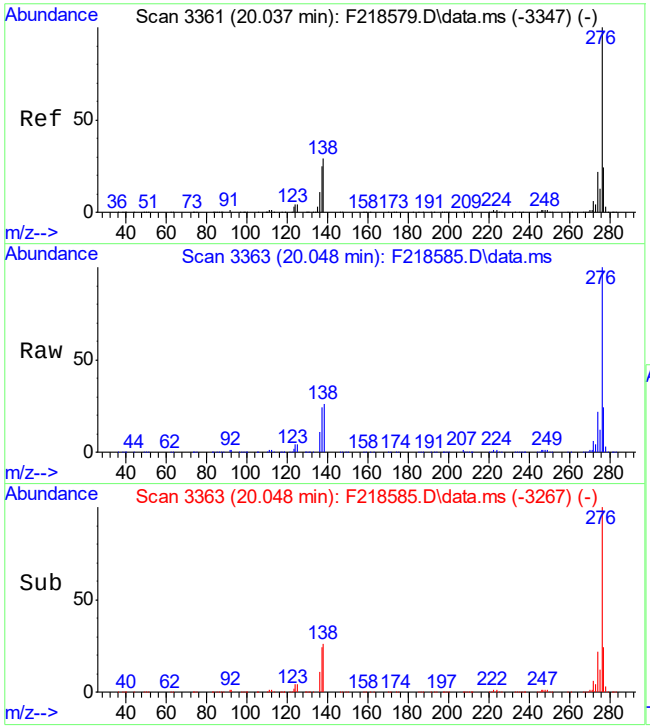


#100
7,12-Dimethylbenz(a)anthracene
Concen: 82.12 ppm
RT: 16.912 min Scan# 2776
Delta R.T. 0.005 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:256 Resp: 303703

Ion	Ratio	Lower	Upper
256	100		
241	54.7	24.8	84.8
239	45.9	16.4	76.4

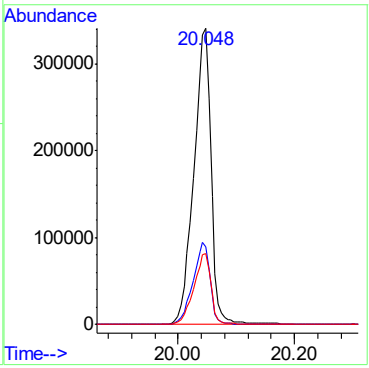




#101
Benzo[g,h,i]perylene
Concen: 83.96 ppm
RT: 20.048 min Scan# 3363
Delta R.T. 0.011 min
Lab File: F218585.D
Acq: 24 Jan 2024 2:18 pm

Tgt Ion:276 Resp: 697445

Ion	Ratio	Lower	Upper
276	100		
138	26.1	0.0	58.6
277	23.8	0.0	53.9



Manual Integration Approval Summary

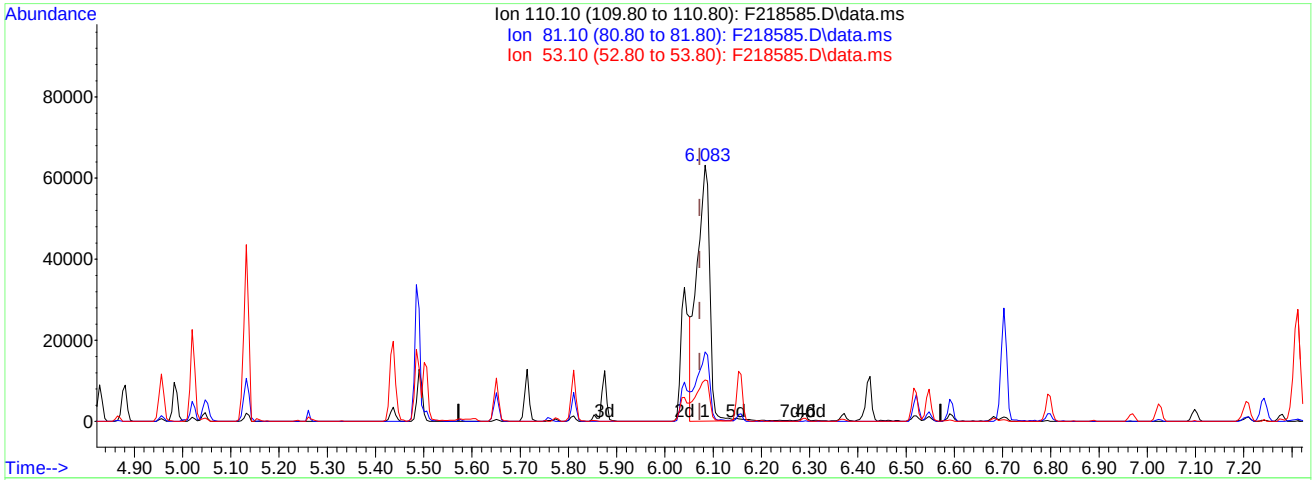
Sample Number: EF9690-IC9690
Lab FileID: F218585.D
Injection Time: 01/24/24 14:18
Method: SW846 8270E
Analyst approved: 01/25/24 11:22 Ying Li
Supervisor approved: 01/29/24 19:23 Nina Pandya

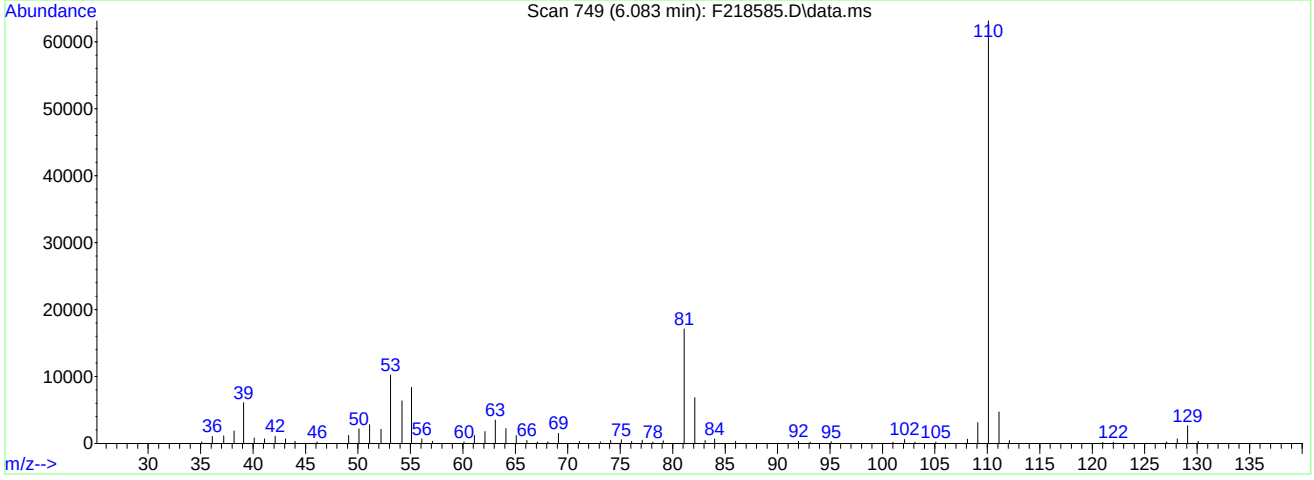
Parameter	CAS	Sig#	R.T. (min.)	Reason
Hydroquinone	123-31-9		6.08	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218585.D
Acq On : 24 Jan 2024 2:18 pm
Operator : ninap
Sample : ic9690-80
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 10:14:30 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration





TIC: F218585.D\data.ms

(41) Hydroquinone (t)

6.083min (+0.011) 62.91ppm

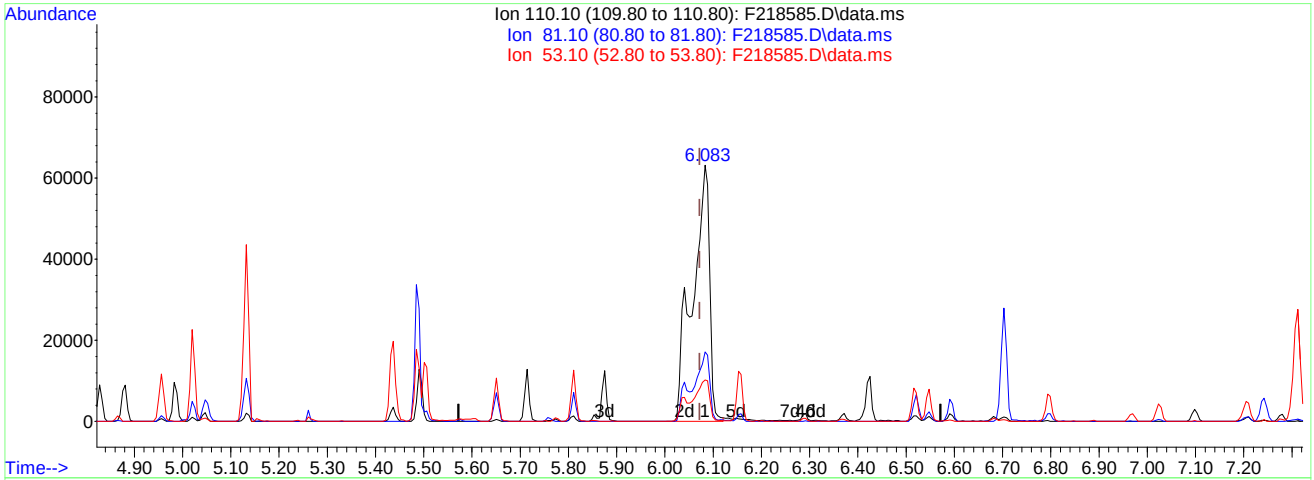
response 116068

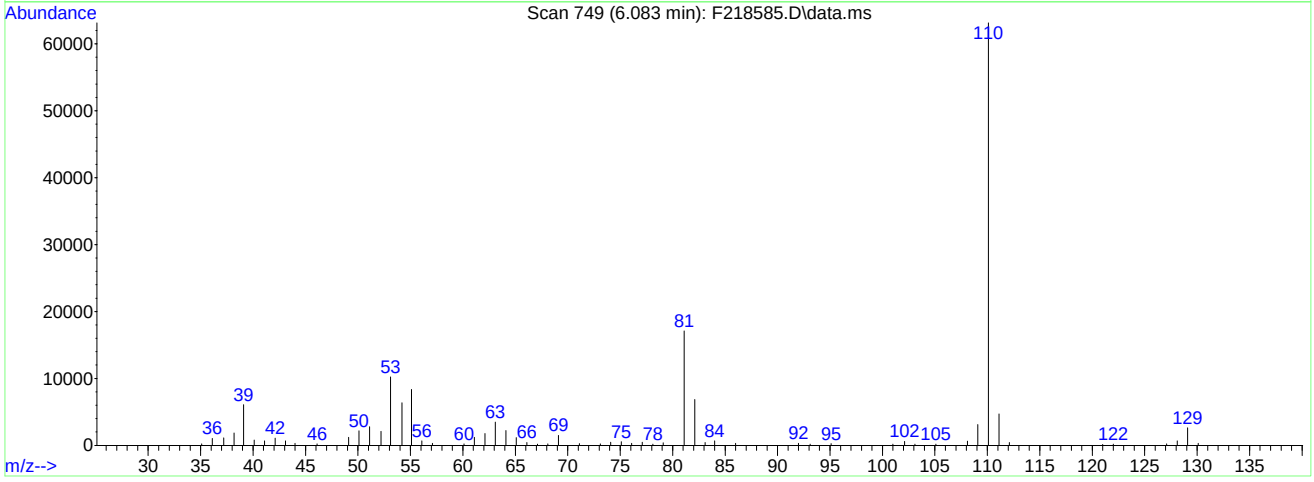
Ion	Exp%	Act%
110.10	100	100
81.10	29.90	26.75
53.10	17.70	15.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218585.D
Acq On : 24 Jan 2024 2:18 pm
Operator : ninap
Sample : ic9690-80
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 10:14:30 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration





TIC: F218585.D\data.ms

(41) Hydroquinone (t)

6.083min (+0.011) 84.10ppm m

response 155152

Ion	Exp%	Act%
110.10	100	100
81.10	29.90	27.10
53.10	17.70	16.22
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya
01/29/24 19:23

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218586.D
Acq On : 24 Jan 2024 2:44 pm
Operator : ninap
Sample : ic9690-100
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 25 10:19:40 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.870	152	75776	40.00	ppm	0.00
24) Naphthalene-d8	5.763	136	296059	40.00	ppm	0.00
46) Acenaphthene-d10	7.242	164	160759	40.00	ppm	0.00
69) Phenanthrene-d10	9.224	188	302162	40.00	ppm	0.00
83) Chrysene-d12	14.588	240	282767	40.00	ppm	0.00
92) Perylene-d12	17.644	264	332100	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.870	152	75776	40.00	ppm	0.00
112) Naphthalene-d8A	5.763	136	296059	40.00	ppm	0.00
121) Acenaphthene-d10A	7.242	164	160759	40.00	ppm	0.00
132) Phenanthrene-d10A	9.224	188	302162	40.00	ppm	0.00
147) Chrysene-d12A	14.588	240	282767	40.00	ppm	0.00
154) Perylene-d12A	17.644	264	332100	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.870	152	75776	40.00	ppm	0.00
159) Phenanthrene-d10b	9.224	188	302162	40.00	ppm	0.00
161) Naphthalene-d8b	5.763	136	296059	40.00	ppm	0.00
163) Naphthalene-d8c	5.763	136	296059	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.870	152	75776	40.00	ppm	0.00
169) Chrysene-d12c	14.588	240	282767	40.00	ppm	0.00
171) Chrysene-d12d	14.588	240	282767	40.00	ppm	0.00
173) Naphthalene-d8d	5.763	136	296059	40.00	ppm	0.00
175) Chrysene-d12e	14.588	240	282767	40.00	ppm	0.00
177) Perylene-d12b	17.644	264	332100	40.00	ppm	0.00
179) Naphthalene-d8e	5.763	136	296059	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.962	112	218818	107.06	ppm	0.00
Spiked Amount 50.000			Recovery = 214.12%			
8) Phenol-d5	4.593	99	261301	108.12	ppm	0.00
Spiked Amount 50.000			Recovery = 216.24%			
25) Nitrobenzene-d5	5.255	82	233330	108.94	ppm	0.00
Spiked Amount 50.000			Recovery = 217.88%			
51) 2-Fluorobiphenyl	6.596	172	564954	111.25	ppm	0.00
Spiked Amount 50.000			Recovery = 222.50%			
73) 2,4,6-Tribromophenol	8.183	330	100456	111.07	ppm	0.00
Spiked Amount 50.000			Recovery = 222.14%			
86) Terphenyl-d14	12.355	244	700850	105.73	ppm	0.00
Spiked Amount 50.000			Recovery = 211.46%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.830	88	87554	103.02	ppm	99
3) Pyridine	3.070	79	242617	101.62	ppm	99
4) N-Nitrosodimethylamine	3.043	42	77317	106.28	ppm	96
6) Indene	5.047	116	411318	110.71	ppm	98
7) Cumene	4.326	105	500550	107.51	ppm	100
9) Phenol	4.603	94	285161	108.85	ppm	98
10) Aniline	4.641	93	348798	105.49	ppm	99
11) bis(2-Chloroethyl)ether	4.678	93	216398	109.90	ppm	97
12) 2-Chlorophenol	4.721	128	247558	109.09	ppm	98
13) Decane	4.742	43	204045	107.79	ppm	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218586.D
Acq On : 24 Jan 2024 2:44 pm
Operator : ninap
Sample : ic9690-100
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 25 10:19:40 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
14) 1,3-Dichlorobenzene	4.828	146	285298	108.91	ppm		100
15) 1,4-Dichlorobenzene	4.881	146	291993	108.43	ppm		100
16) Benzyl alcohol	4.961	108	157654	108.79	ppm		98
17) 1,2-Dichlorobenzene	4.988	146	276101	108.53	ppm		97
18) Acetophenone	5.148	105	344994	109.11	ppm		98
19) 2-Methylphenol	5.025	108	217506	109.05	ppm		98
20) 2,2'-oxybis(1-Chloropr...	5.047	121	66755	107.19	ppm	#	81
21) 3&4-Methylphenol	5.138	108	464514	221.30	ppm		98
22) n-Nitroso-di-n-propyla...	5.154	70	162345	107.47	ppm		99
23) Hexachloroethane	5.223	201	99274	111.08	ppm		98
26) Nitrobenzene	5.266	77	236788	106.60	ppm		95
27) Quinoline	6.035	129	482204	108.75	ppm		98
28) Isophorone	5.437	82	428369	107.51	ppm		100
29) 2-Nitrophenol	5.490	139	126551	117.59	ppm		79
30) 2,4-Dimethylphenol	5.506	107	240470	108.88	ppm		97
31) Benzoic acid	5.624	105	152628	97.31	ppm		98
32) bis(2-Chloroethoxy)met...	5.576	93	278882	108.29	ppm		98
33) 2,4-Dichlorophenol	5.650	162	214354	112.73	ppm		98
34) 2,6-Dichlorophenol	5.811	162	217514	113.40	ppm		98
35) 1,3,5-Trichlorobenzene	5.495	180	252928	112.27	ppm		100
36) 1,2,4-Trichlorobenzene	5.715	180	242239	112.08	ppm		97
37) 1,2,3-Trichlorobenzene	5.875	180	236724	111.98	ppm		99
38) Naphthalene	5.779	128	752027	108.38	ppm		96
39) 4-Chloroaniline	5.811	127	326578	110.09	ppm		97
40) 2,3-Dichloroaniline	6.521	161	256261	113.50	ppm		99
41) Hydroquinone	6.094	110	200413m	101.19	ppm		
42) Hexachlorobutadiene	5.853	225	134853	112.15	ppm		98
43) 4-Chloro-3-methylphenol	6.158	107	196053	112.22	ppm		99
44) 2-Methylnaphthalene	6.291	141	444140	112.16	ppm		100
45) 1-Methylnaphthalene	6.372	142	460427	110.11	ppm		99
47) Hexachlorocyclopentadiene	6.414	237	243630	239.19	ppm		97
48) 1,2,4,5-tetrachloroben...	6.425	216	244941	114.67	ppm		99
49) 2,4,6-Trichlorophenol	6.521	196	156532	117.21	ppm		99
50) 2,4,5-Trichlorophenol	6.553	196	167429	113.06	ppm		99
52) 2-Chloronaphthalene	6.703	162	480907	110.82	ppm		100
53) Biphenyl	6.687	154	616584	110.94	ppm		99
54) 2-Nitroaniline	6.799	65	114010	113.49	ppm		95
55) Dimethylphthalate	6.975	163	533448	113.16	ppm		99
56) Acenaphthylene	7.098	152	615942	118.22	ppm		100
57) 2,6-Dinitrotoluene	7.029	165	110691	117.76	ppm		98
58) 3-Nitroaniline	7.216	138	130860	113.80	ppm		93
59) Acenaphthene	7.280	153	527728	111.19	ppm		98
60) 2,4-Dinitrophenol	7.317	184	108700	248.85	ppm		89
61) 4-Nitrophenol	7.365	109	62916	114.90	ppm		96
62) Dibenzofuran	7.472	168	676650	111.06	ppm		98
63) 2,4-Dinitrotoluene	7.456	165	152251	121.39	ppm		93
64) 2,3,4,6-Tetrachlorophenol	7.600	232	136327	116.50	ppm		97
65) Diethylphthalate	7.745	149	536223	111.85	ppm		99
66) Fluorene	7.878	166	548501	113.44	ppm		99
67) 4-Chlorophenyl-phenyle...	7.873	204	255664	114.40	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218586.D
Acq On : 24 Jan 2024 2:44 pm
Operator : ninap
Sample : ic9690-100
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 25 10:19:40 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration

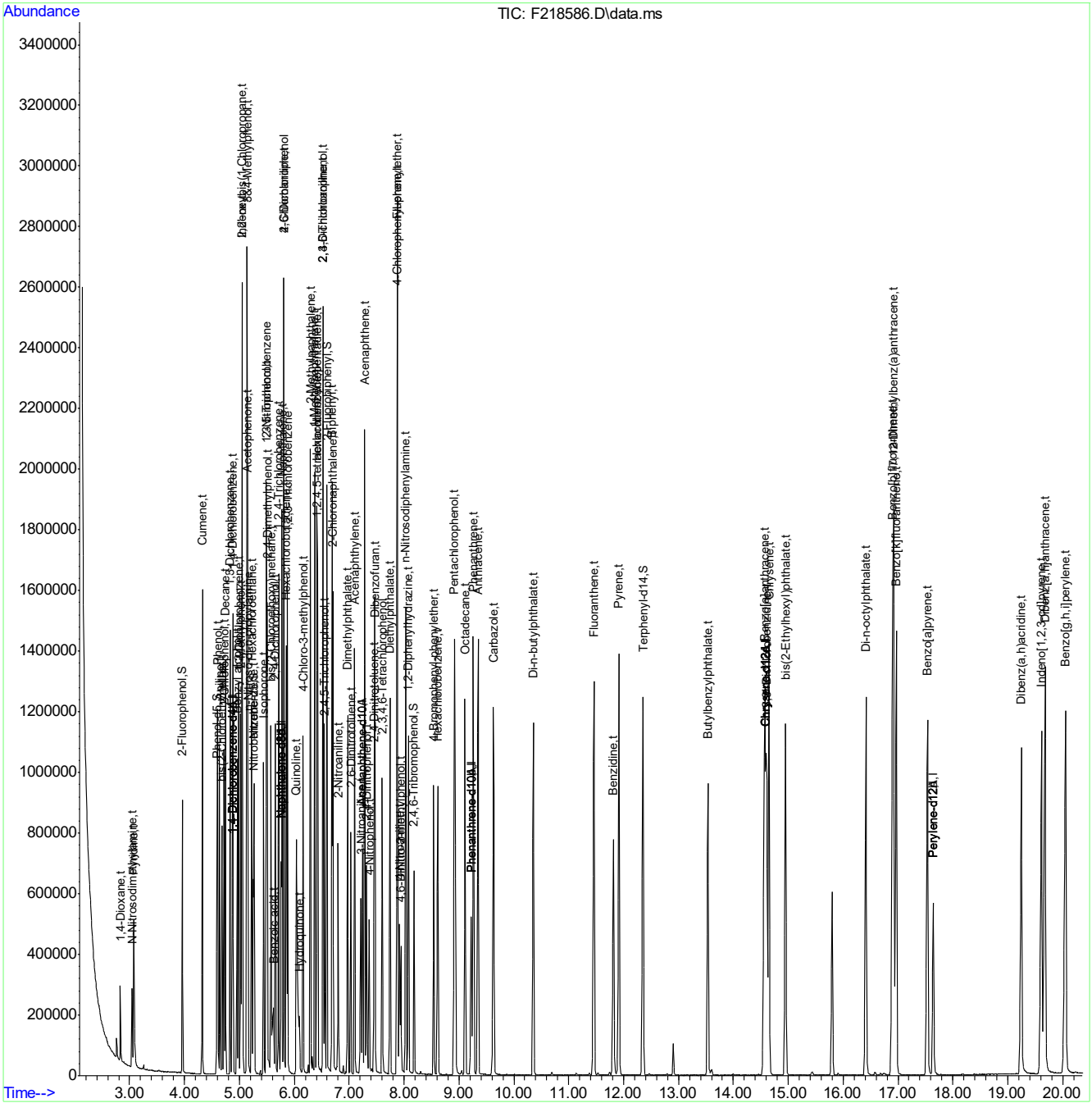
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	4-Nitroaniline	7.921	138	129407	106.06	ppm	96
70)	4,6-Dinitro-2-methylph...	7.942	198	67981	121.63	ppm	98
71)	n-Nitrosodiphenylamine	8.028	169	443630	107.05	ppm	100
72)	1,2-Diphenylhydrazine	8.081	77	483996	103.39	ppm	100
74)	4-Bromophenyl-phenylether	8.541	248	156635	108.97	ppm	99
75)	Hexachlorobenzene	8.615	284	193026	108.45	ppm	98
76)	Pentachlorophenol	8.920	266	242649	230.34	ppm	98
77)	Phenanthrene	9.262	178	782664	107.04	ppm	99
78)	Anthracene	9.347	178	799954	109.22	ppm	100
79)	Carbazole	9.630	167	736117	108.85	ppm	100
80)	Di-n-butylphthalate	10.357	149	949455	108.50	ppm	99
81)	Fluoranthene	11.463	202	866845	109.76	ppm	99
82)	Octadecane	9.112	57	274165	104.45	ppm	99
84)	Benzidine	11.815	184	508912	109.49	ppm	99
85)	Pyrene	11.917	202	904301	108.81	ppm	99
87)	Butylbenzylphthalate	13.541	149	406370	107.66	ppm	98
88)	Benzo[a]anthracene	14.572	228	856645	107.32	ppm	98
89)	3,3'-Dichlorobenzidine	14.604	252	349871	109.12	ppm	99
90)	Chrysene	14.652	228	824900	106.20	ppm	98
91)	bis(2-Ethylhexyl)phtha...	14.951	149	618485	107.51	ppm	99
93)	Di-n-octylphthalate	16.415	149	1078685	104.41	ppm	99
94)	Benzo[b]fluoranthene	16.907	252	995039	106.24	ppm	96
95)	Benzo[k]fluoranthene	16.971	252	886947	103.27	ppm	99
96)	Benzo[a]pyrene	17.537	252	790457	104.04	ppm	99
97)	Indeno[1,2,3-cd]pyrene	19.615	276	829614	103.97	ppm	99
98)	Dibenz(a,h)acridine	19.252	279	787582	105.24	ppm	99
99)	Dibenz[a,h]anthracene	19.679	278	922231	100.03	ppm	99
100)	7,12-Dimethylbenz(a)an...	16.917	256	417656	103.32	ppm	99
101)	Benzo[g,h,i]perylene	20.053	276	928206	102.23	ppm	99

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

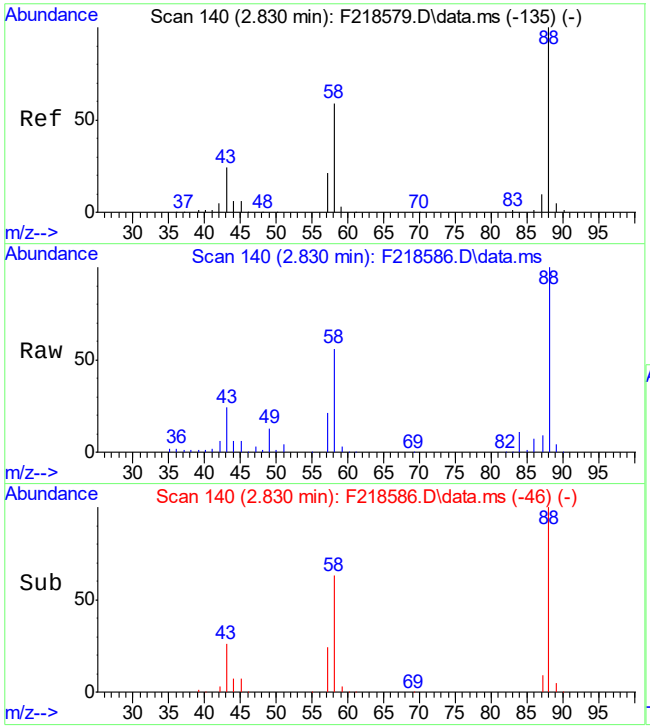
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218586.D
Acq On : 24 Jan 2024 2:44 pm
Operator : ninap
Sample : ic9690-100
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 25 10:19:40 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration



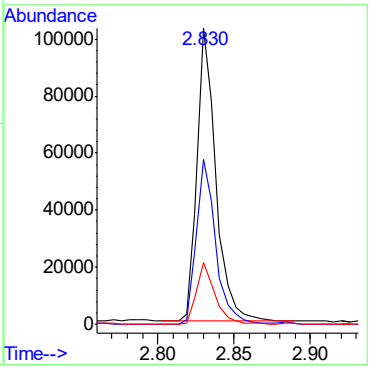
MF9690.M Thu Jan 25 14:54:32 2024 RT1 Page: 4

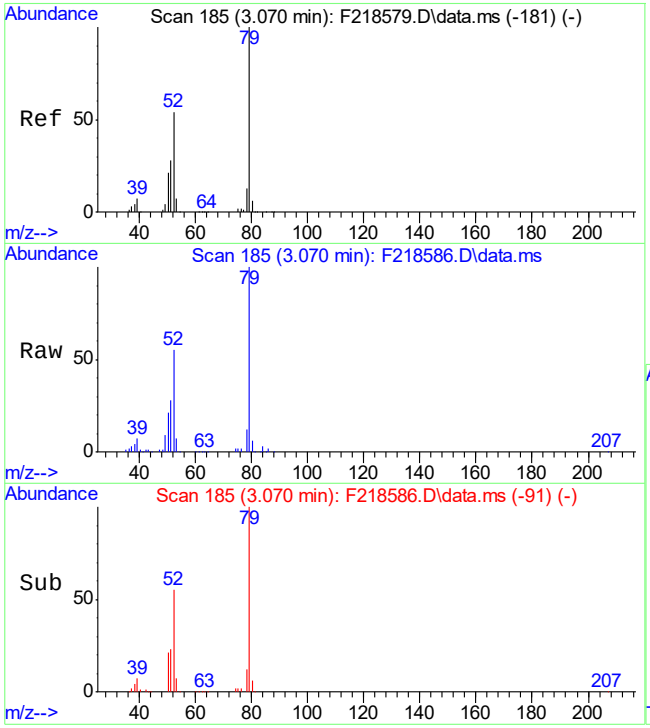


#2
1,4-Dioxane
Concen: 103.02 ppm
RT: 2.830 min Scan# 140
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 88 Resp: 87554

Ion	Ratio	Lower	Upper
88	100		
58	56.3	27.0	87.0
57	21.1	0.0	50.2

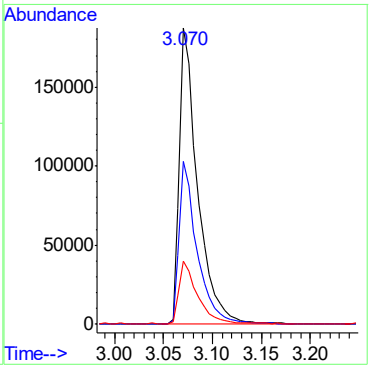


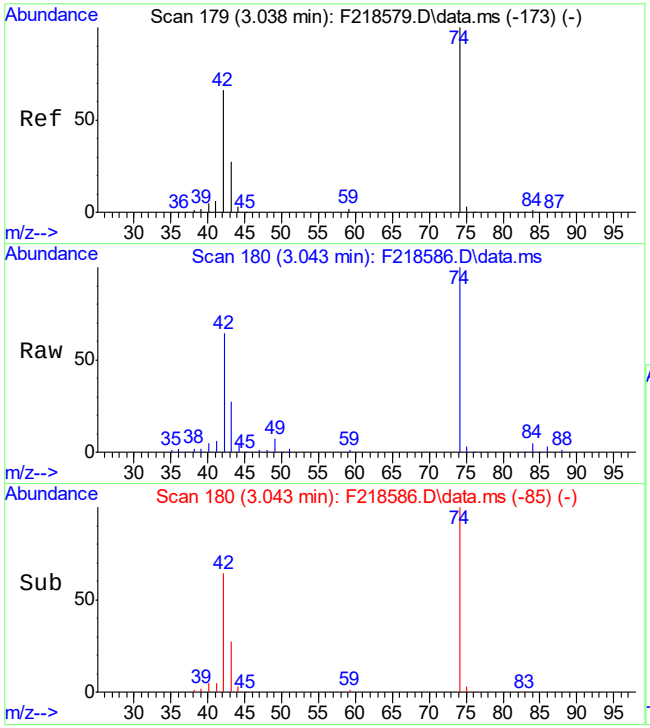


#3
Pyridine
Concen: 101.62 ppm
RT: 3.070 min Scan# 185
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 79 Resp: 242617

Ion	Ratio	Lower	Upper
79	100		
52	55.0	23.7	83.7
50	21.3	0.0	51.1

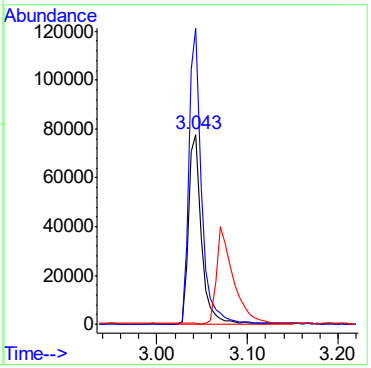


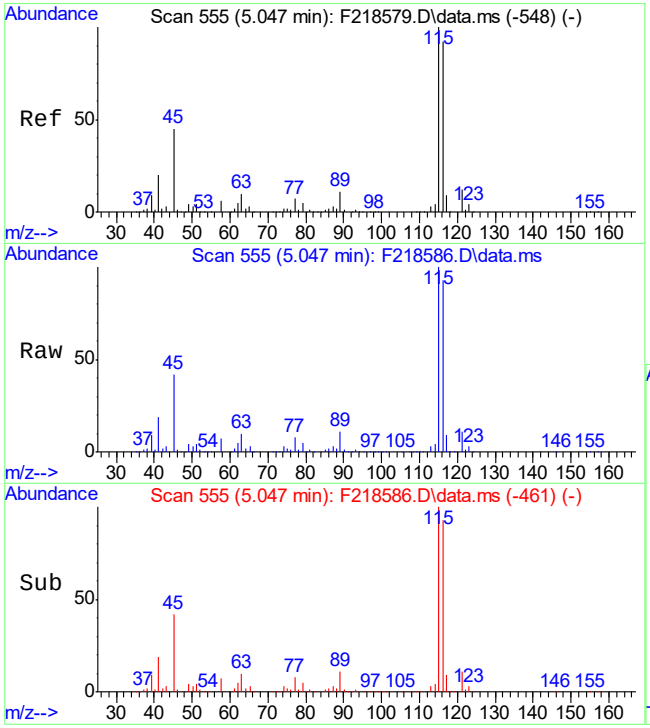


#4
N-Nitrosodimethylamine
Concen: 106.28 ppm
RT: 3.043 min Scan# 180
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 42 Resp: 77317

Ion	Ratio	Lower	Upper
42	100		
74	156.0	120.8	180.8
50	0.0	0.0	30.0

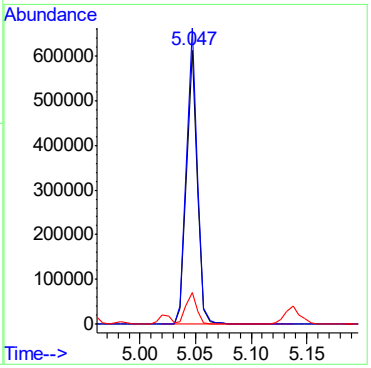


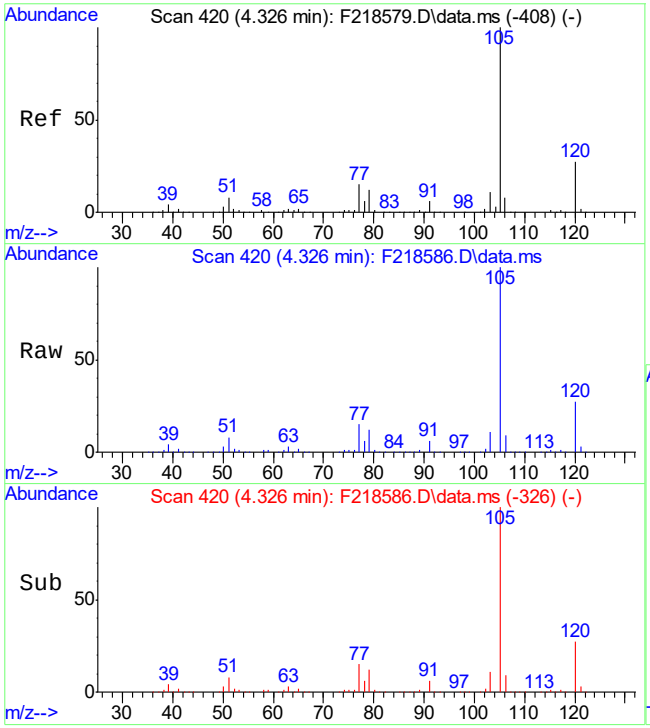


#6
Indene
Concen: 110.71 ppm
RT: 5.047 min Scan# 555
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:116 Resp: 411318

Ion	Ratio	Lower	Upper
116	100		
115	108.0	79.0	139.0
63	6.5	0.0	41.0

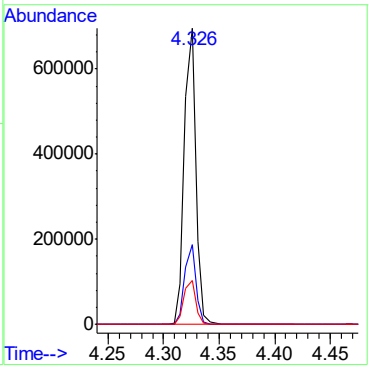


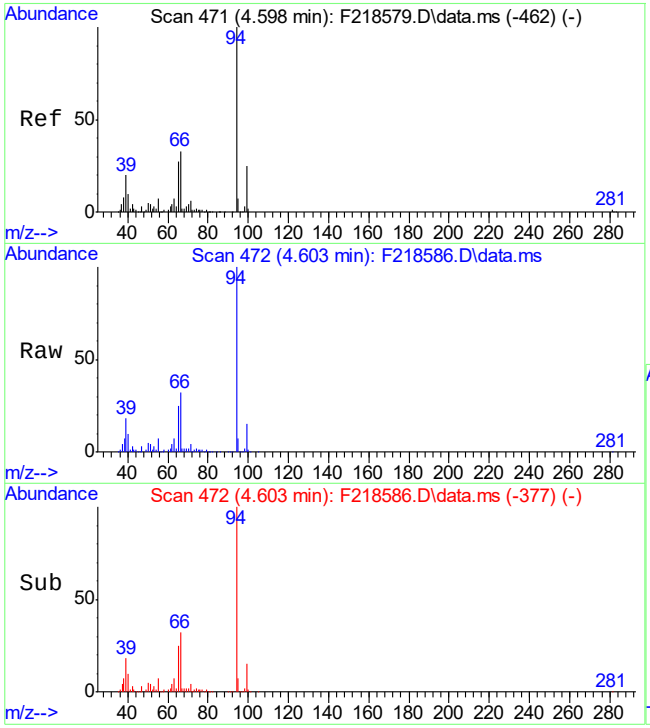


#7
Cumene
Concen: 107.51 ppm
RT: 4.326 min Scan# 420
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:105 Resp: 500550

Ion	Ratio	Lower	Upper
105	100		
120	26.9	0.0	56.8
77	14.9	0.0	44.8

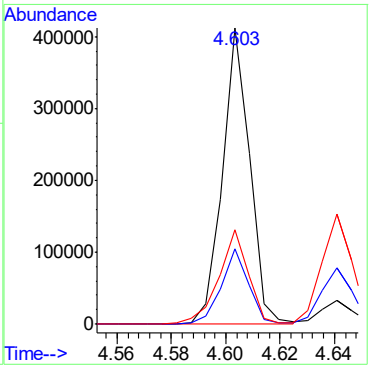


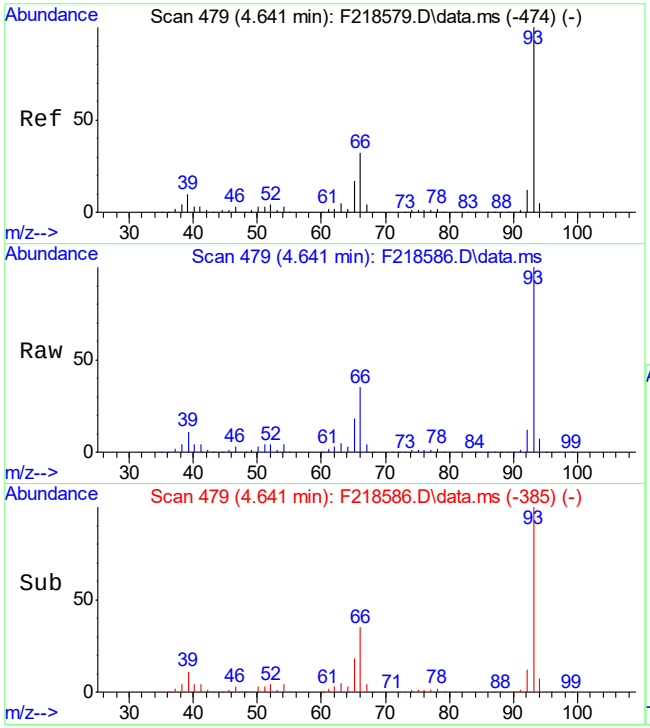


#9
Phenol
Concen: 108.85 ppm
RT: 4.603 min Scan# 472
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 94 Resp: 285161

Ion	Ratio	Lower	Upper
94	100		
65	25.2	0.0	56.8
66	31.6	2.6	62.6

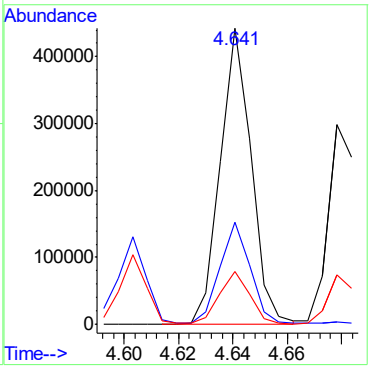


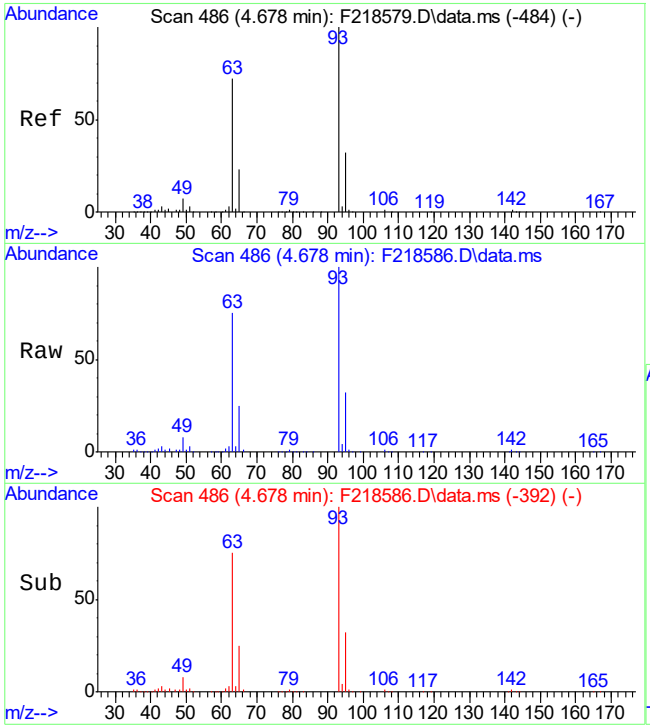


#10
Aniline
Concen: 105.49 ppm
RT: 4.641 min Scan# 479
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 93 Resp: 348798

Ion	Ratio	Lower	Upper
93	100		
66	33.7	2.7	62.7
65	17.1	0.0	47.4

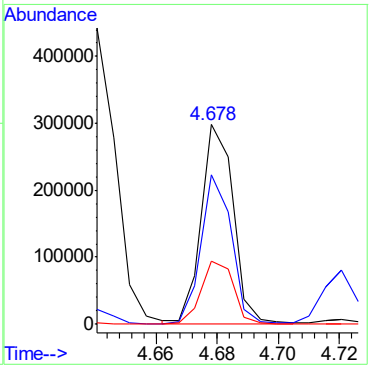


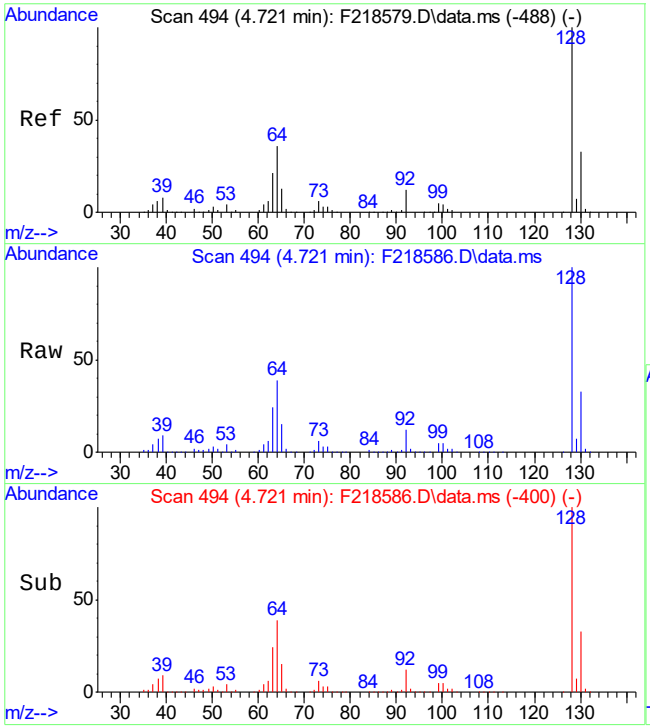


#11
bis(2-Chloroethyl)ether
Concen: 109.90 ppm
RT: 4.678 min Scan# 486
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 93 Resp: 216398

Ion	Ratio	Lower	Upper
93	100		
63	75.4	42.2	102.2
95	32.0	2.1	62.1

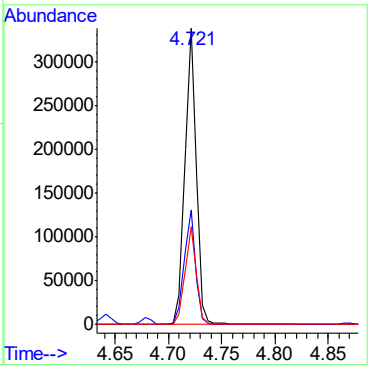


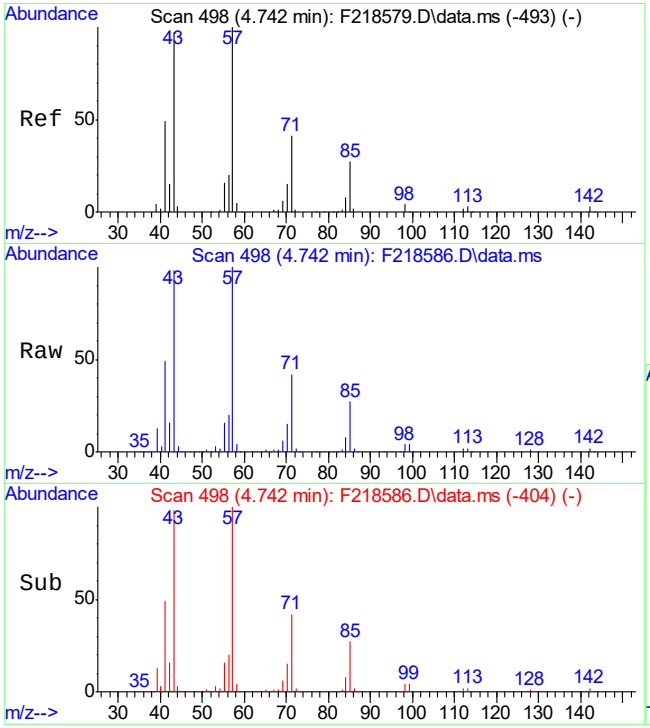


#12
2-Chlorophenol
Concen: 109.09 ppm
RT: 4.721 min Scan# 494
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:128 Resp: 247558

Ion	Ratio	Lower	Upper
128	100		
64	38.5	5.8	65.8
130	32.9	3.0	63.0

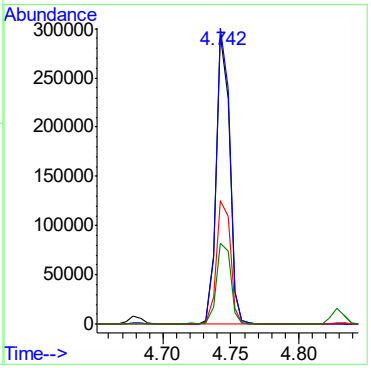


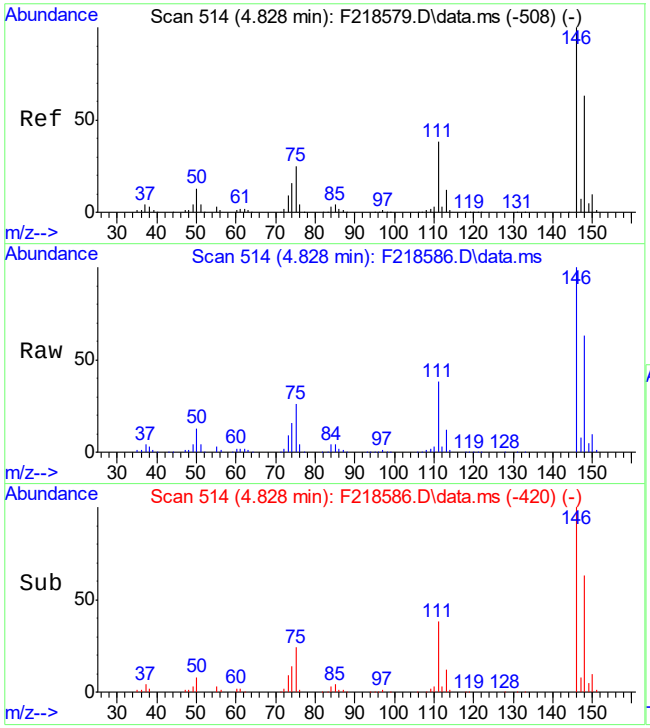


#13
Decane
Concen: 107.79 ppm
RT: 4.742 min Scan# 498
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 43 Resp: 204045

Ion	Ratio	Lower	Upper
43	100		
57	102.2	73.2	133.2
71	42.8	13.0	73.0
85	27.9	0.0	58.3

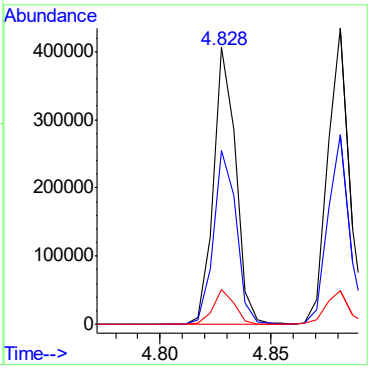


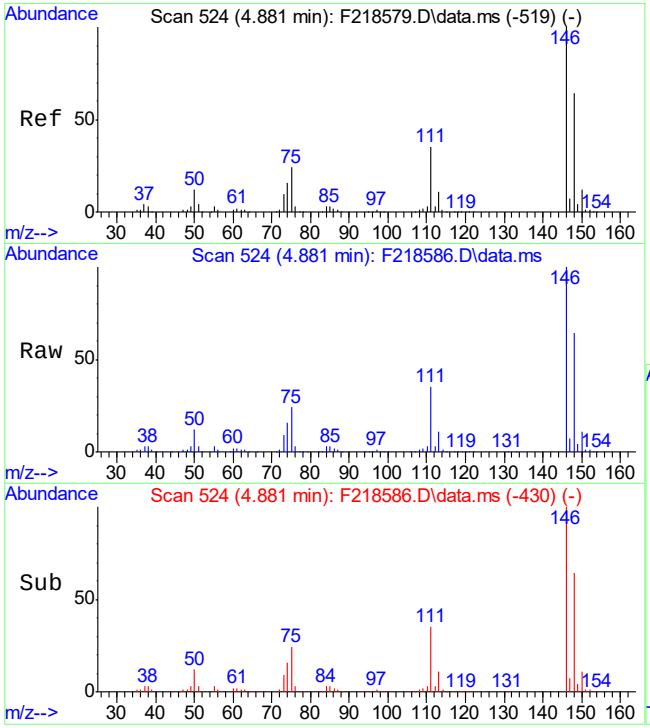


#14
1,3-Dichlorobenzene
Concen: 108.91 ppm
RT: 4.828 min Scan# 514
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:146 Resp: 285298

Ion	Ratio	Lower	Upper
146	100		
148	62.8	32.8	92.8
113	12.3	0.0	41.9

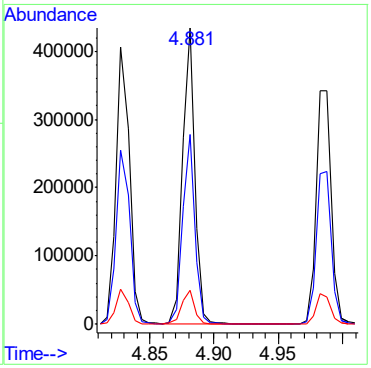


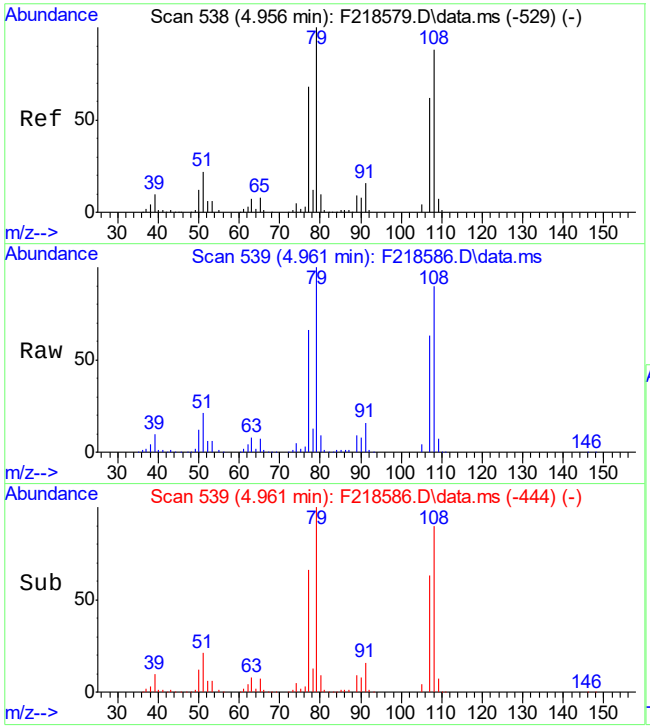


#15
1,4-Dichlorobenzene
Concen: 108.43 ppm
RT: 4.881 min Scan# 524
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:146 Resp: 291993

Ion	Ratio	Lower	Upper
146	100		
148	64.2	33.9	93.9
113	11.2	0.0	41.3

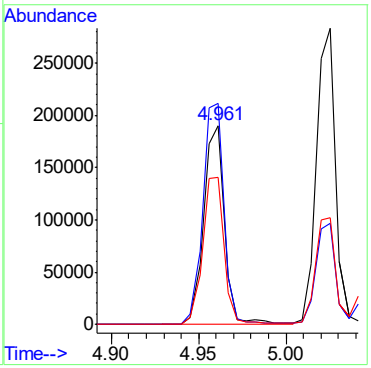


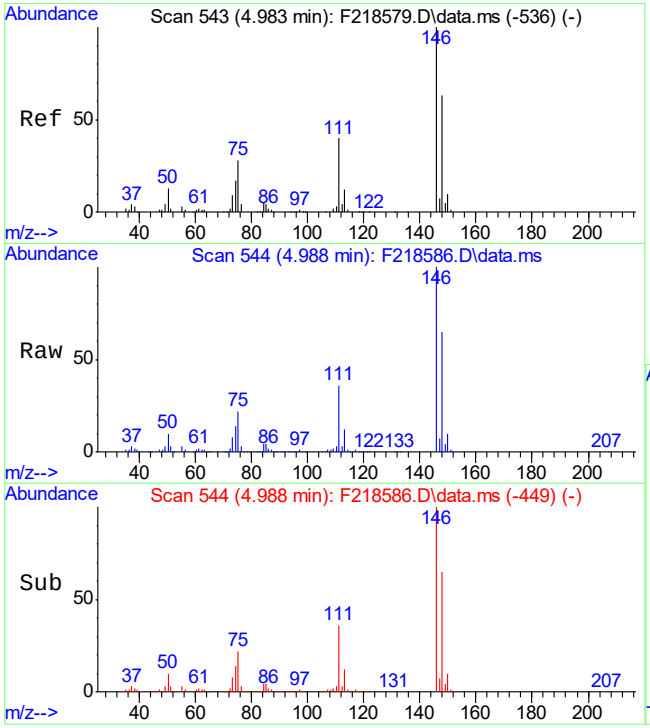


#16
Benzyl alcohol
Concen: 108.79 ppm
RT: 4.961 min Scan# 539
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:108 Resp: 157654

Ion	Ratio	Lower	Upper
108	100		
79	111.2	83.1	143.1
77	73.8	46.9	106.9

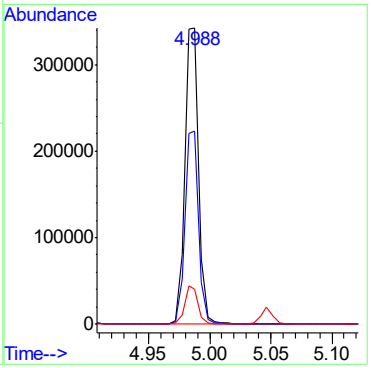


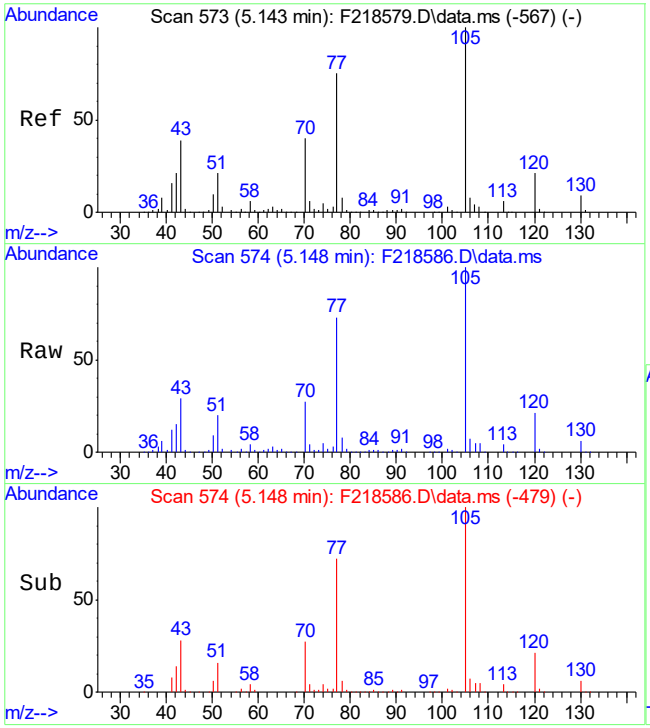


#17
1,2-Dichlorobenzene
Concen: 108.53 ppm
RT: 4.988 min Scan# 544
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:146 Resp: 276101

Ion	Ratio	Lower	Upper
146	100		
148	65.3	32.7	92.7
113	11.8	0.0	42.4

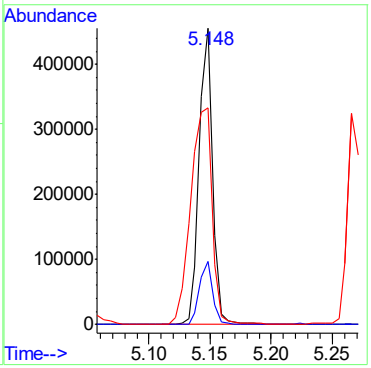


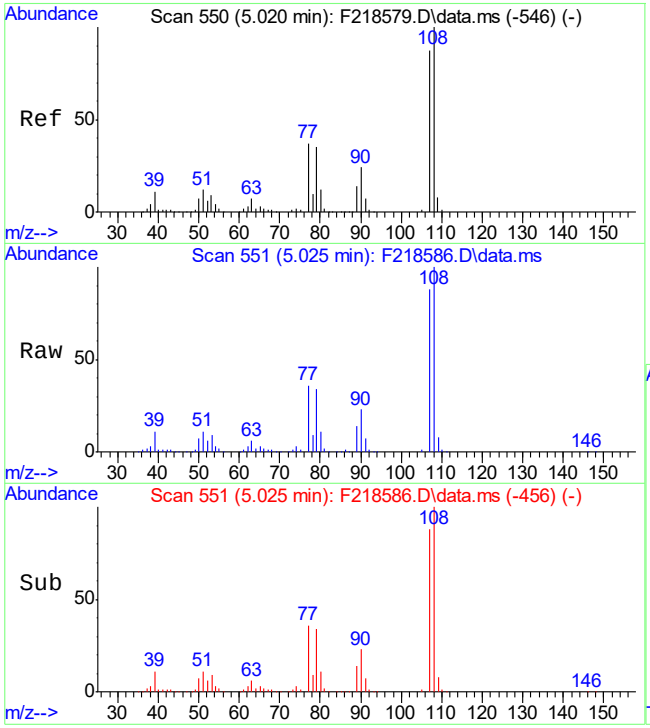


#18
Acetophenone
Concen: 109.11 ppm
RT: 5.148 min Scan# 574
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:105 Resp: 344994

Ion	Ratio	Lower	Upper
105	100		
120	21.2	0.0	50.5
77	73.2	45.3	105.3

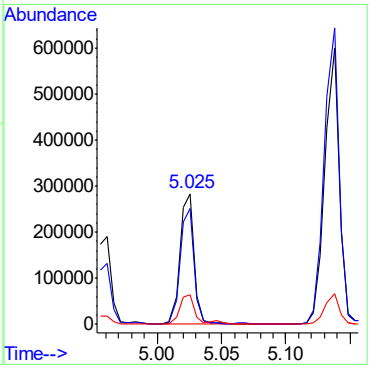


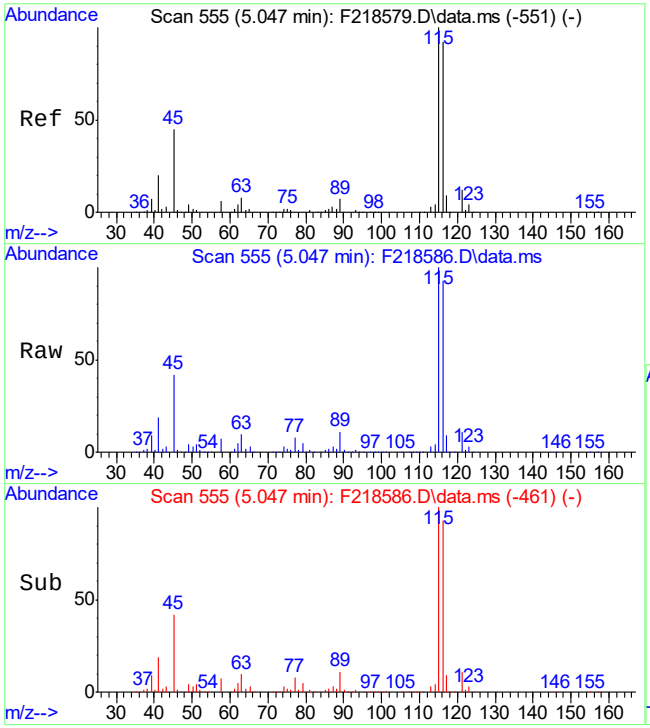


#19
2-Methylphenol
Concen: 109.05 ppm
RT: 5.025 min Scan# 551
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:108 Resp: 217506

Ion	Ratio	Lower	Upper
108	100		
107	88.4	57.0	117.0
90	22.8	0.0	53.5

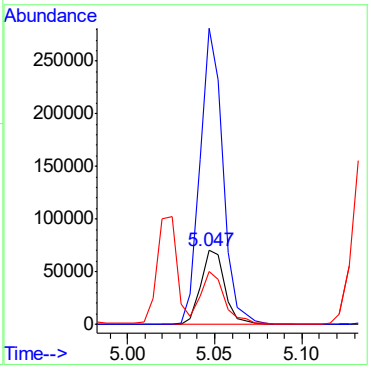


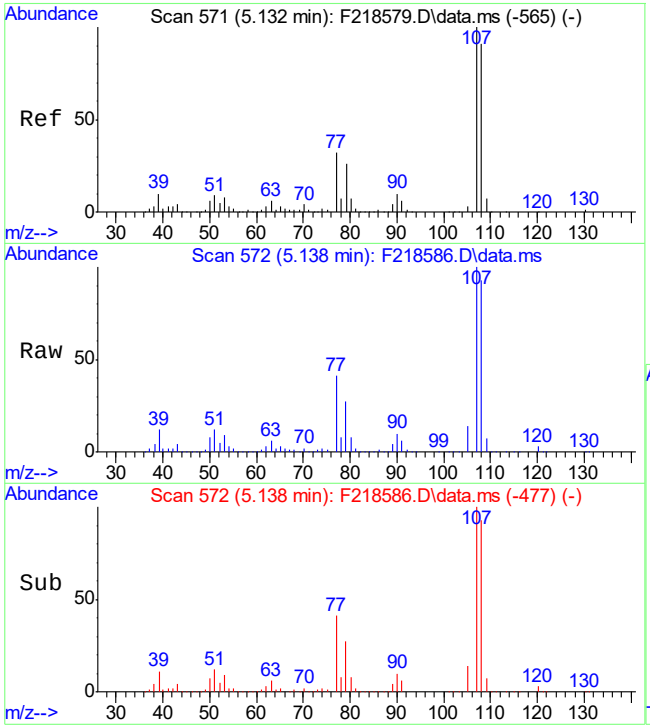


#20
2,2'-oxybis(1-Chloropropane
Concen: 107.19 ppm
RT: 5.047 min Scan# 555
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:121 Resp: 66755

Ion	Ratio	Lower	Upper
121	100		
45	401.0	351.9	411.9
77	0.5	36.1	96.1#

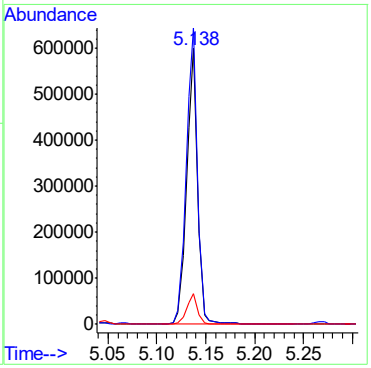


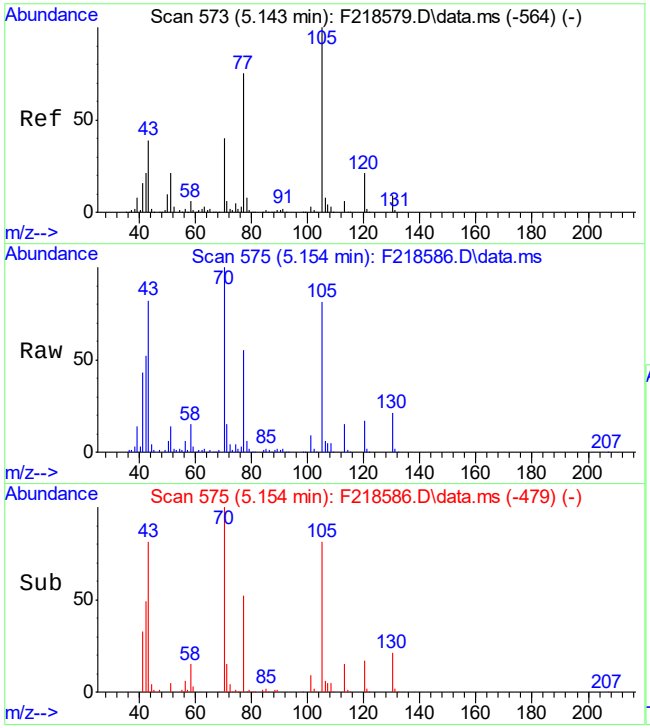


#21
3&4-Methylphenol
Concen: 221.30 ppm
RT: 5.138 min Scan# 572
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:108 Resp: 464514

Ion	Ratio	Lower	Upper
108	100		
107	107.2	79.6	139.6
90	10.9	0.0	40.5

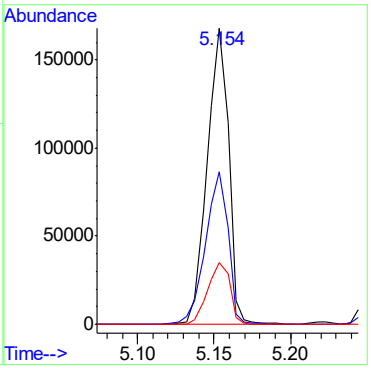


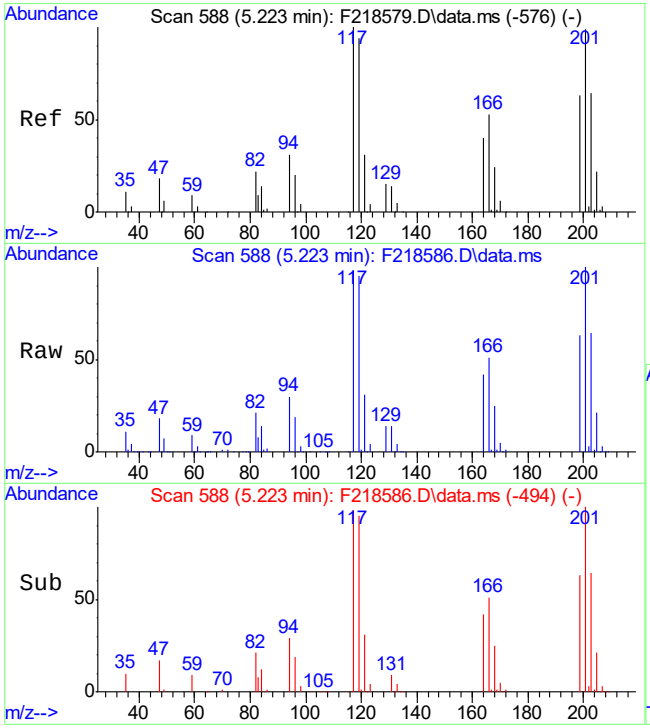


#22
n-Nitroso-di-n-propylamine
Concen: 107.47 ppm
RT: 5.154 min Scan# 575
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 70 Resp: 162345

Ion	Ratio	Lower	Upper
70	100		
42	51.6	36.3	67.3
130	21.0	15.6	29.0

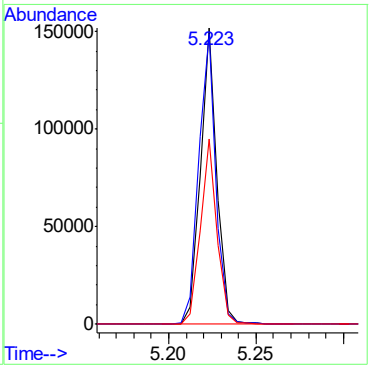


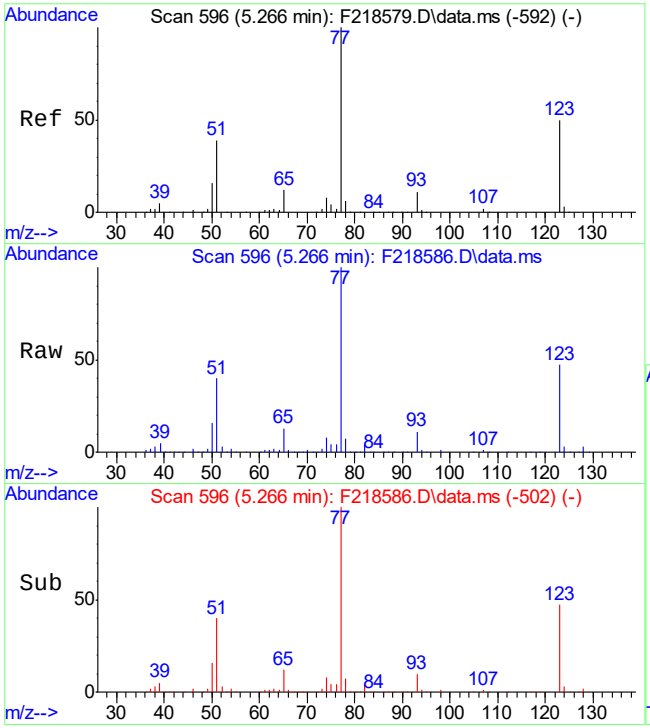


#23
Hexachloroethane
Concen: 111.08 ppm
RT: 5.223 min Scan# 588
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:201 Resp: 99274

Ion	Ratio	Lower	Upper
201	100		
117	98.1	70.8	130.8
199	62.6	33.7	93.7

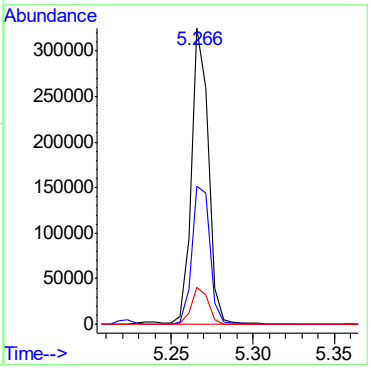


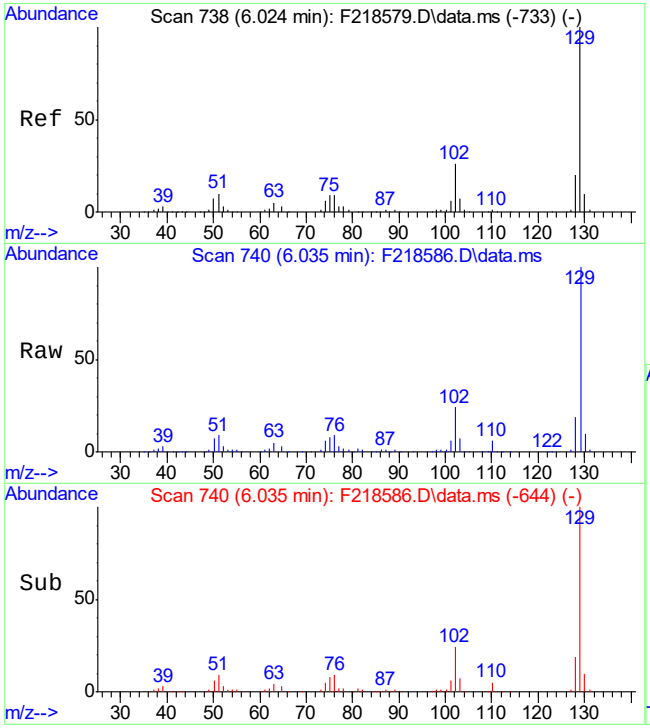


#26
Nitrobenzene
Concen: 106.60 ppm
RT: 5.266 min Scan# 596
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 77 Resp: 236788

Ion	Ratio	Lower	Upper
77	100		
123	46.7	20.4	80.4
65	12.5	0.0	41.9

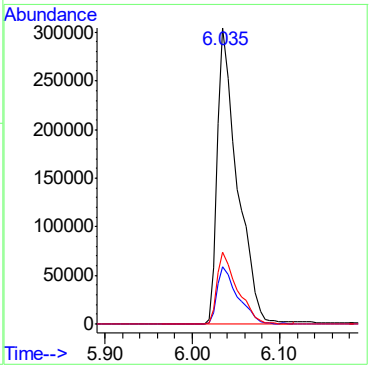


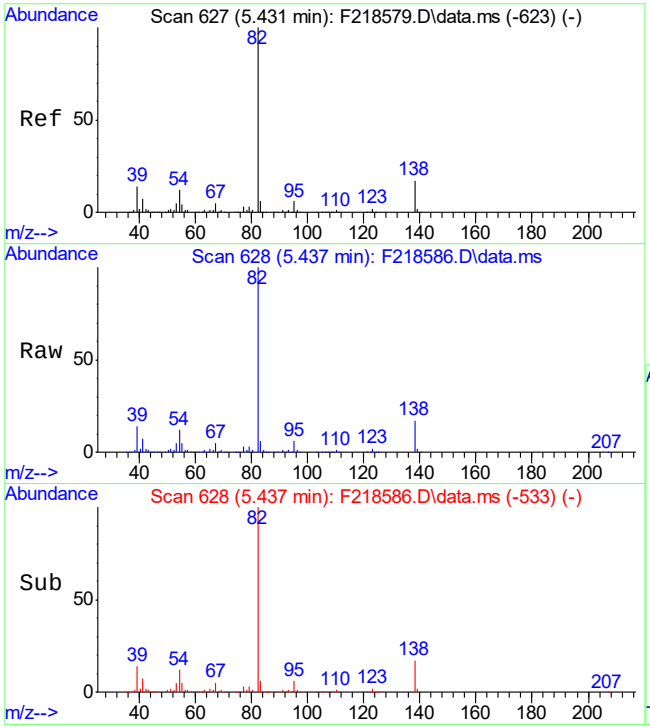


#27
Quinoline
Concen: 108.75 ppm
RT: 6.035 min Scan# 740
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:129 Resp: 482204

Ion	Ratio	Lower	Upper
129	100		
128	19.5	0.0	50.3
102	24.5	0.0	55.9

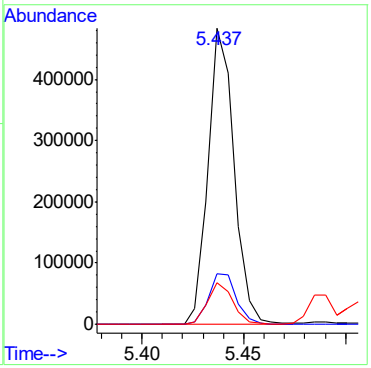


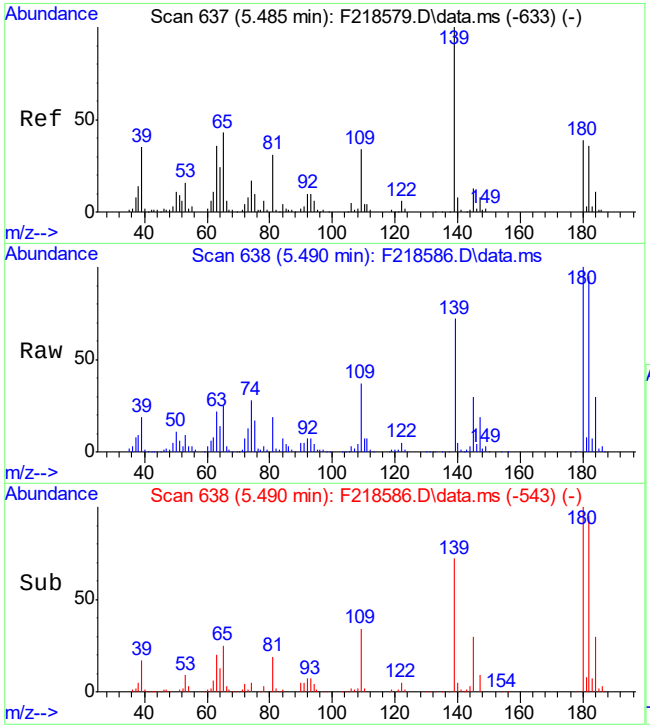


#28
Isophorone
Concen: 107.51 ppm
RT: 5.437 min Scan# 628
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 82 Resp: 428369

Ion	Ratio	Lower	Upper
82	100		
138	17.2	0.0	47.1
39	13.9	0.0	44.0

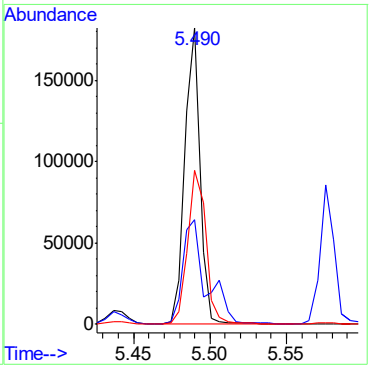


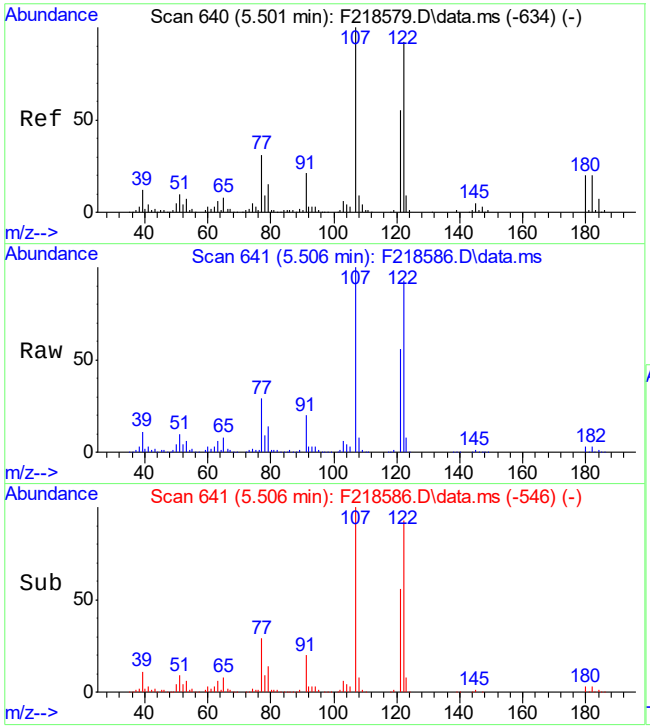


#29
2-Nitrophenol
Concen: 117.59 ppm
RT: 5.490 min Scan# 638
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:139 Resp: 126551

Ion	Ratio	Lower	Upper
139	100		
65	35.2	13.1	73.1
109	51.9	3.7	63.7

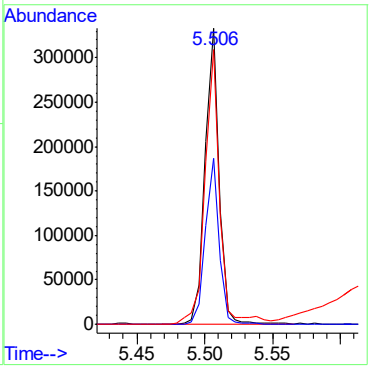


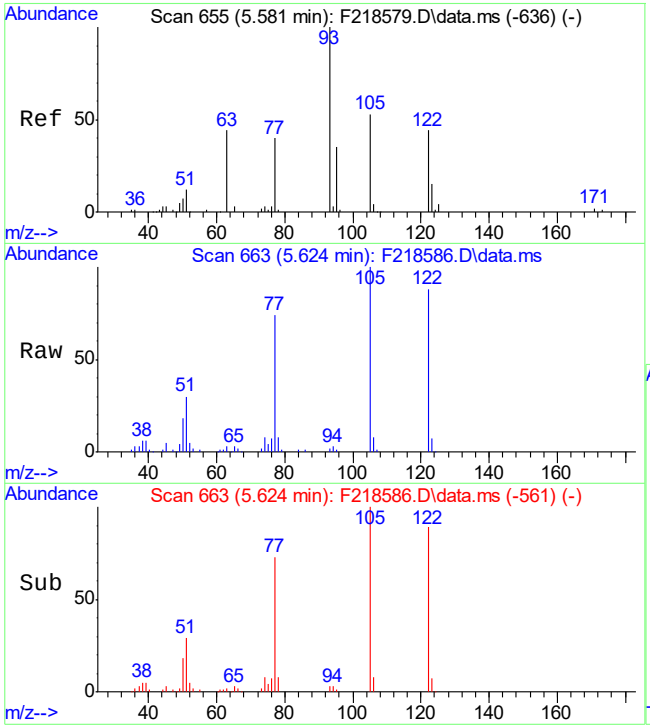


#30
2,4-Dimethylphenol
Concen: 108.88 ppm
RT: 5.506 min Scan# 641
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:107 Resp: 240470

Ion	Ratio	Lower	Upper
107	100		
121	56.2	25.4	85.4
122	91.4	57.3	117.3

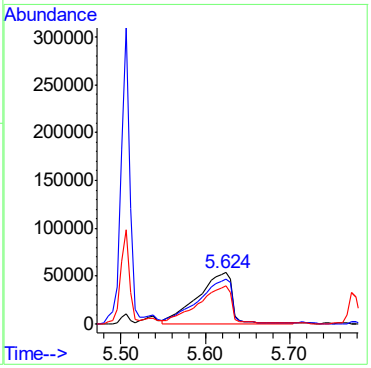


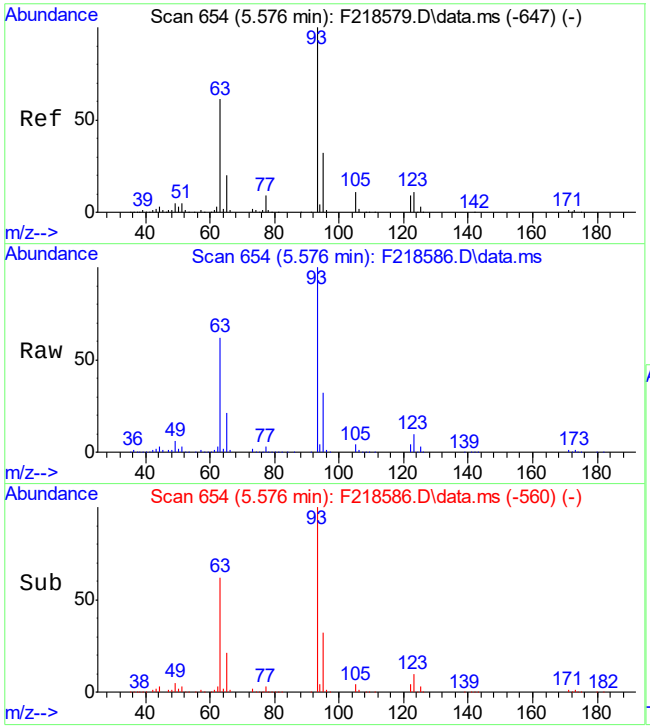


#31
Benzoic acid
Concen: 97.31 ppm
RT: 5.624 min Scan# 663
Delta R.T. 0.044 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:105 Resp: 152628

Ion	Ratio	Lower	Upper
105	100		
122	87.1	56.7	116.7
77	72.8	46.1	106.1

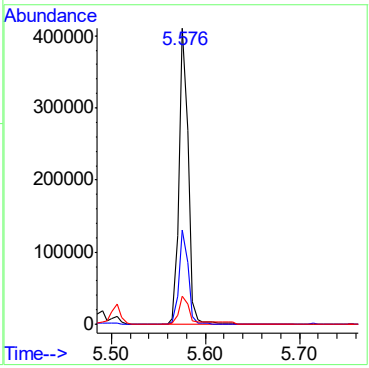


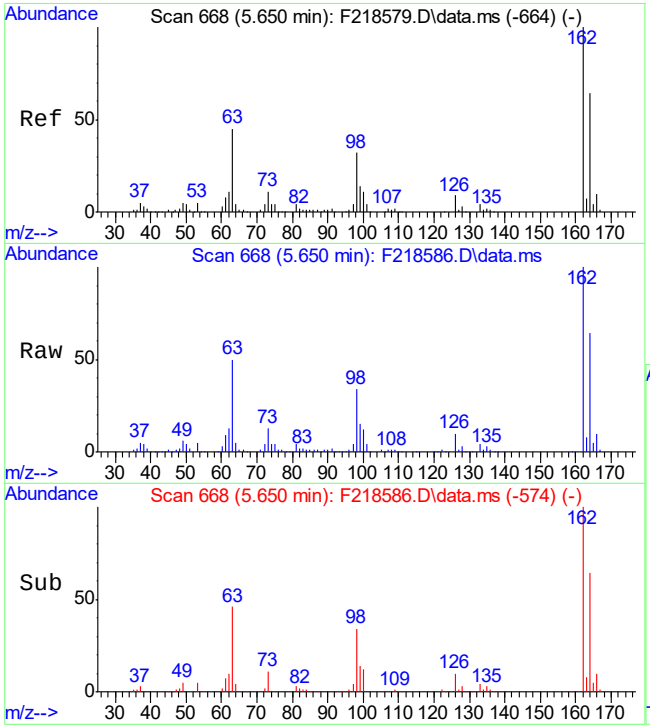


#32
bis(2-Chloroethoxy)methane
Concen: 108.29 ppm
RT: 5.576 min Scan# 654
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 93 Resp: 278882

Ion	Ratio	Lower	Upper
93	100		
95	32.0	2.5	62.5
123	9.6	0.0	41.2

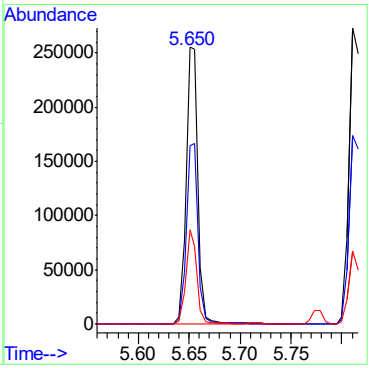


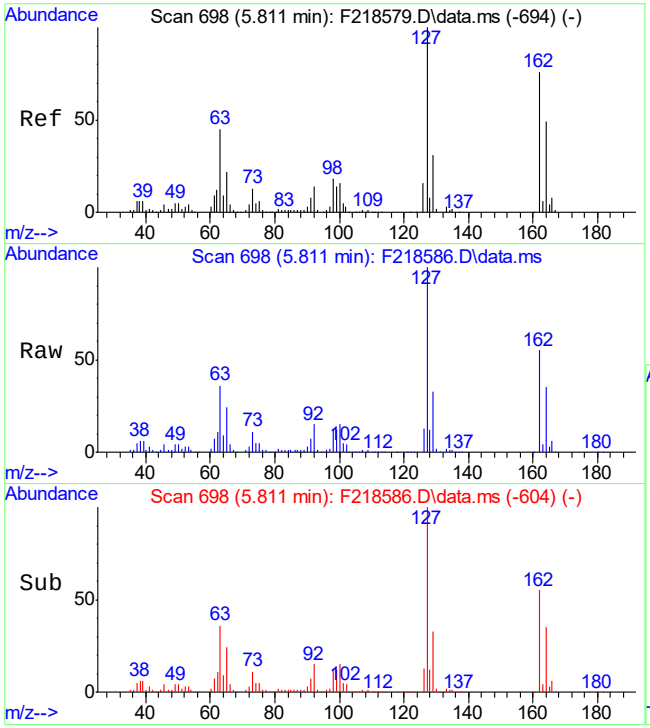


#33
2,4-Dichlorophenol
Concen: 112.73 ppm
RT: 5.650 min Scan# 668
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:162 Resp: 214354

Ion	Ratio	Lower	Upper
162	100		
164	64.3	33.6	93.6
98	34.2	1.5	61.5

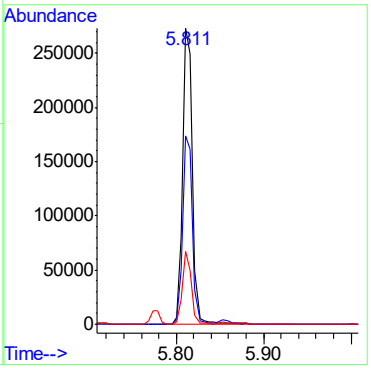


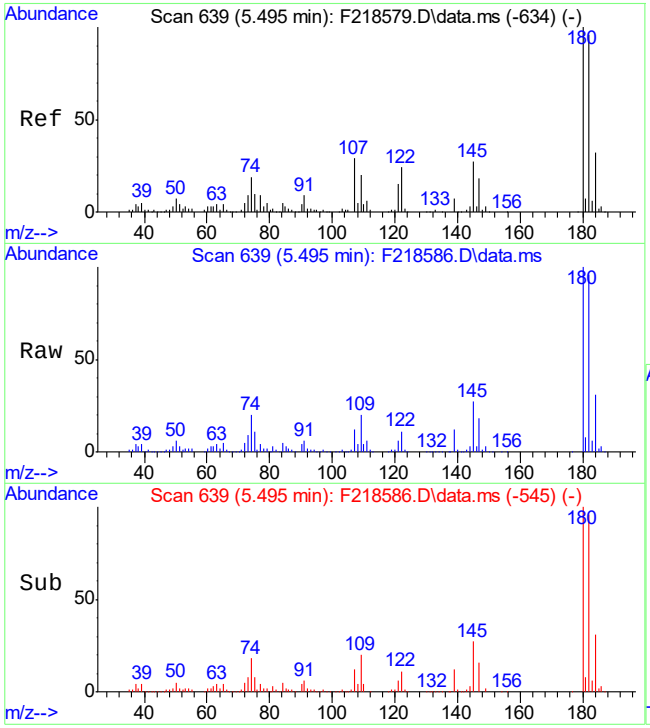


#34
2,6-Dichlorophenol
Concen: 113.40 ppm
RT: 5.811 min Scan# 698
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:162 Resp: 217514

Ion	Ratio	Lower	Upper
162	100		
164	63.7	34.9	94.9
98	24.3	0.0	53.2

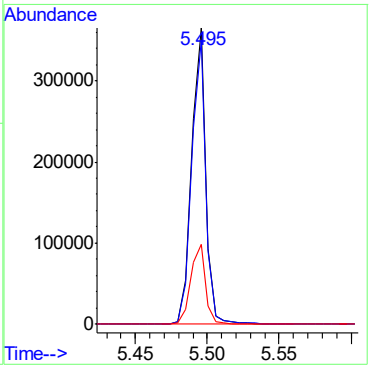


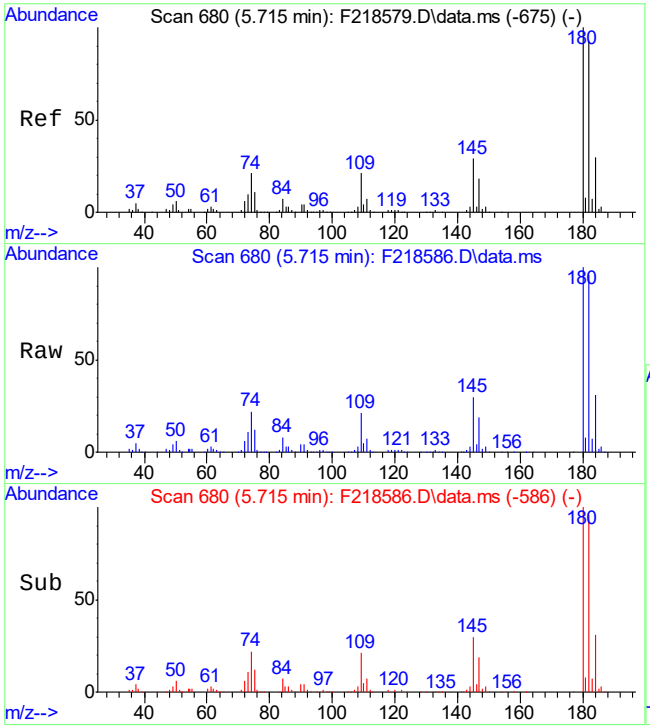


#35
1,3,5-Trichlorobenzene
Concen: 112.27 ppm
RT: 5.495 min Scan# 639
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:180 Resp: 252928

Ion	Ratio	Lower	Upper
180	100		
182	95.8	66.2	126.2
145	27.0	0.0	57.2

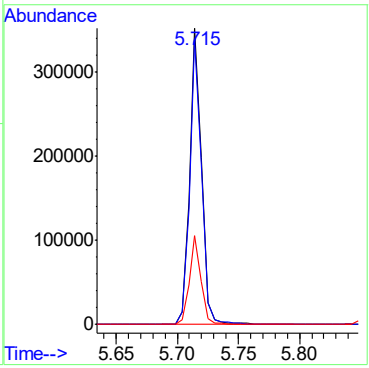


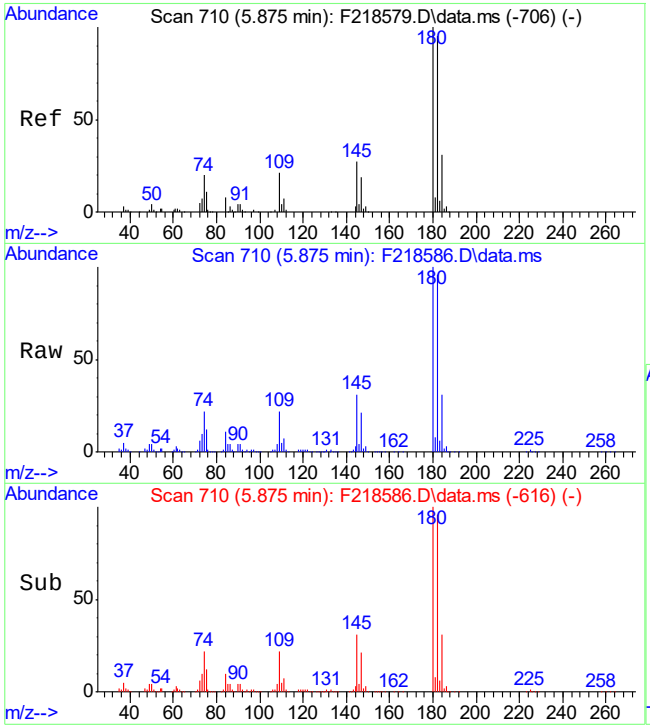


#36
1,2,4-Trichlorobenzene
Concen: 112.08 ppm
RT: 5.715 min Scan# 680
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:180 Resp: 242239

Ion	Ratio	Lower	Upper
180	100		
182	96.2	62.8	122.8
145	29.8	0.0	58.7

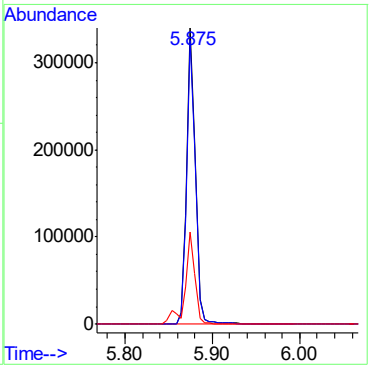


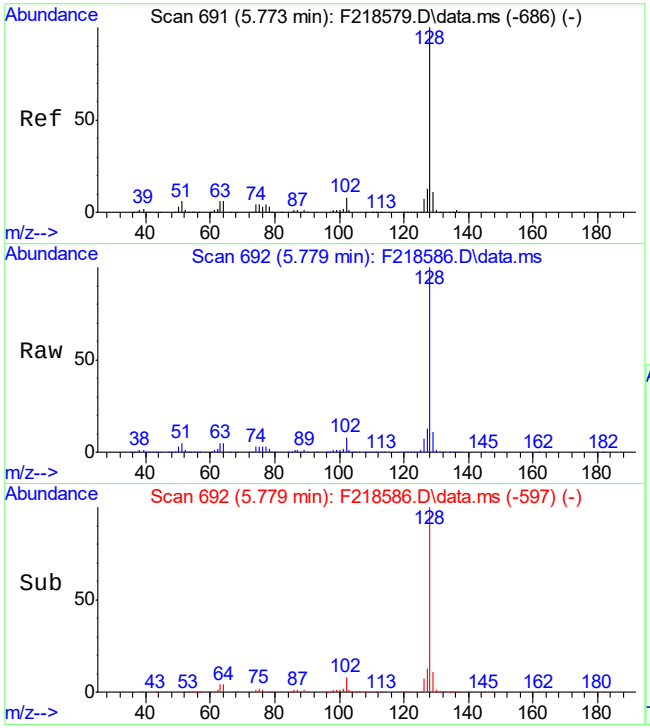


#37
1,2,3-Trichlorobenzene
Concen: 111.98 ppm
RT: 5.875 min Scan# 710
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:180 Resp: 236724

Ion	Ratio	Lower	Upper
180	100		
182	95.7	65.1	125.1
145	30.9	0.0	59.2

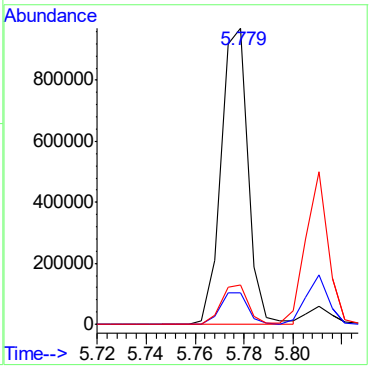


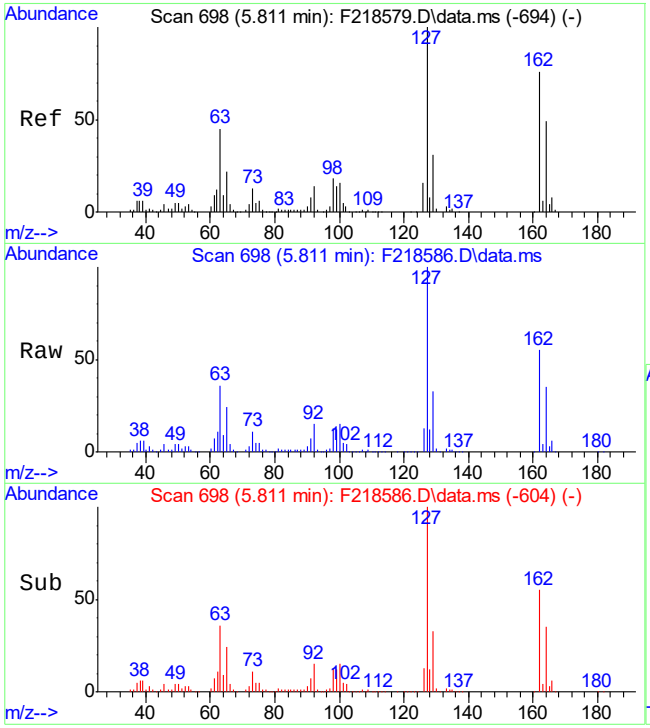


#38
Naphthalene
Concen: 108.38 ppm
RT: 5.779 min Scan# 692
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:128 Resp: 752027

Ion	Ratio	Lower	Upper
128	100		
129	10.1	0.0	41.2
127	11.0	0.0	42.9

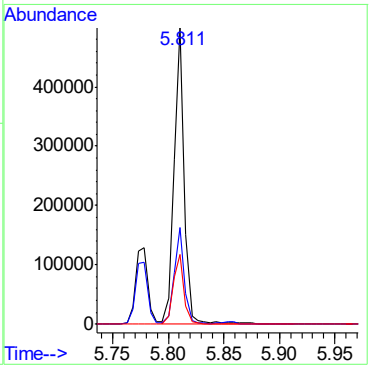


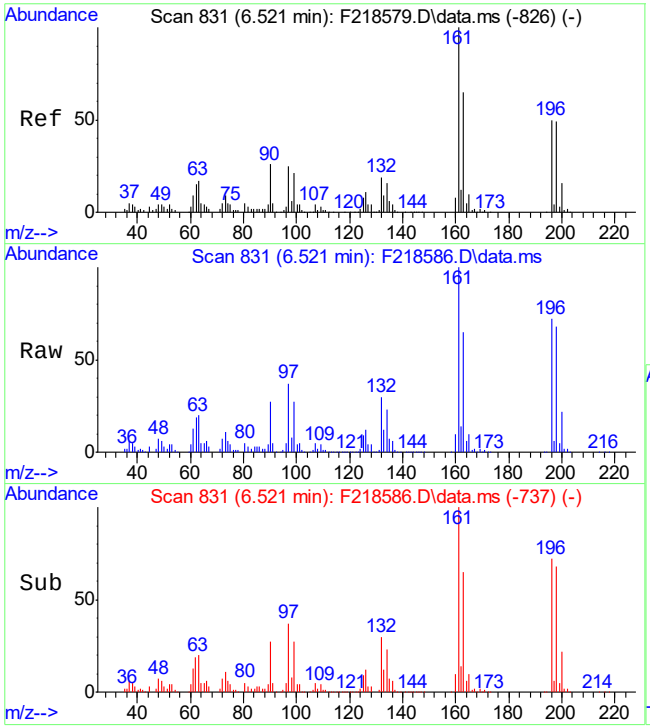


#39
4-Chloroaniline
Concen: 110.09 ppm
RT: 5.811 min Scan# 698
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:127 Resp: 326578

Ion	Ratio	Lower	Upper
127	100		
129	32.5	1.5	61.5
65	23.6	0.0	51.5

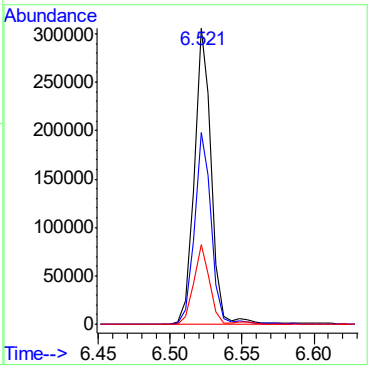


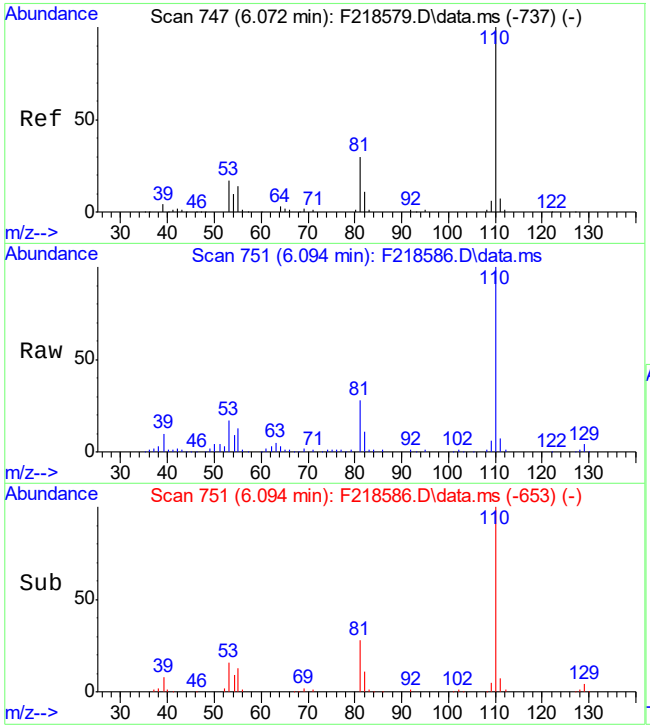


#40
2,3-Dichloroaniline
Concen: 113.50 ppm
RT: 6.521 min Scan# 831
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:161 Resp: 256261

Ion	Ratio	Lower	Upper
161	100		
163	64.6	35.0	95.0
90	27.0	0.0	56.3

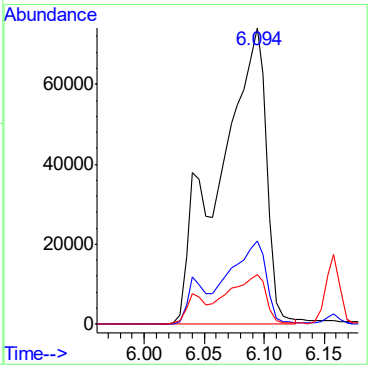


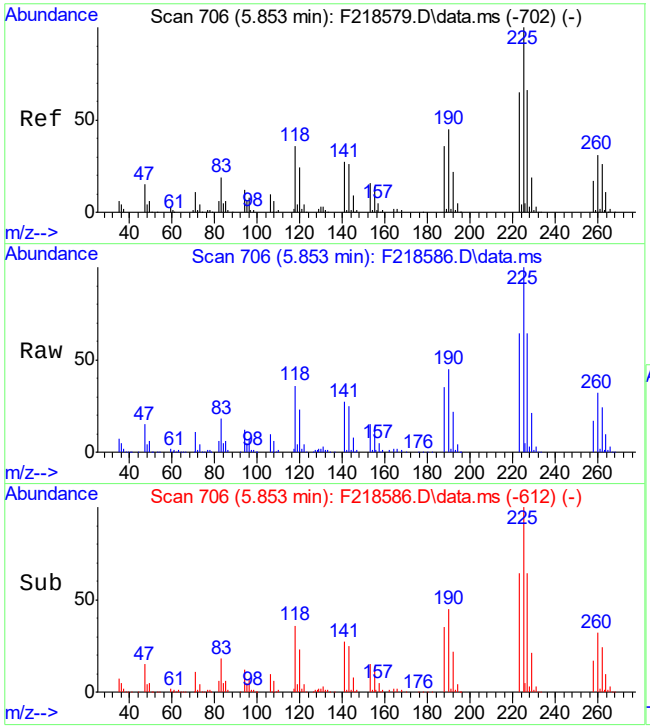


#41
Hydroquinone
Concen: 101.19 ppm m
RT: 6.094 min Scan# 751
Delta R.T. 0.022 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:110 Resp: 200413

Ion	Ratio	Lower	Upper
110	100		
81	28.0	0.0	59.9
53	16.8	0.0	47.7

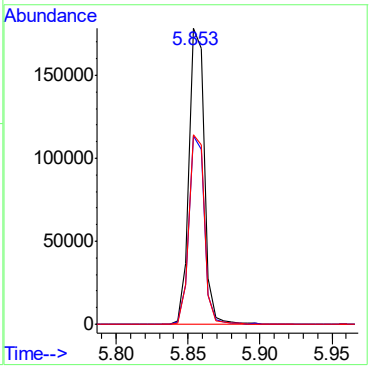


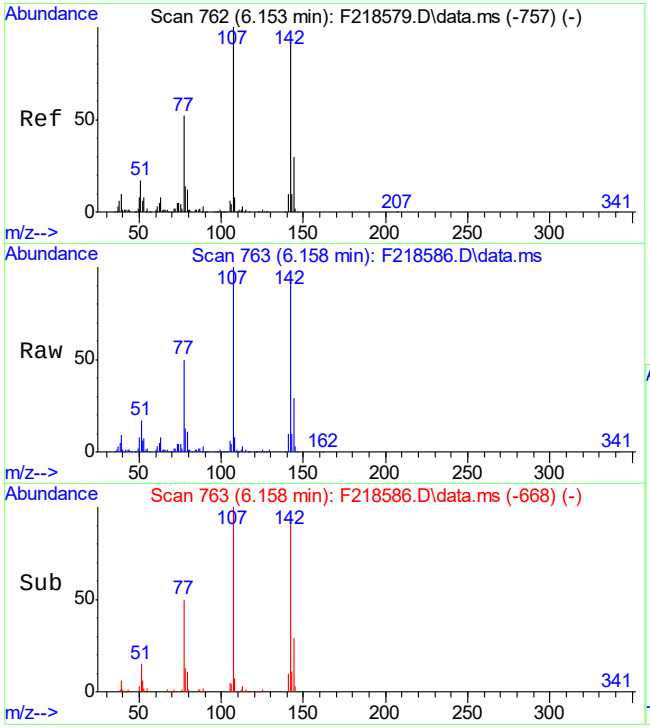


#42
Hexachlorobutadiene
Concen: 112.15 ppm
RT: 5.853 min Scan# 706
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:225 Resp: 134853

Ion	Ratio	Lower	Upper
225	100		
223	63.6	34.5	94.5
227	63.9	35.8	95.8

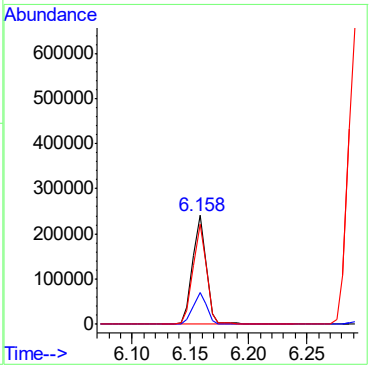


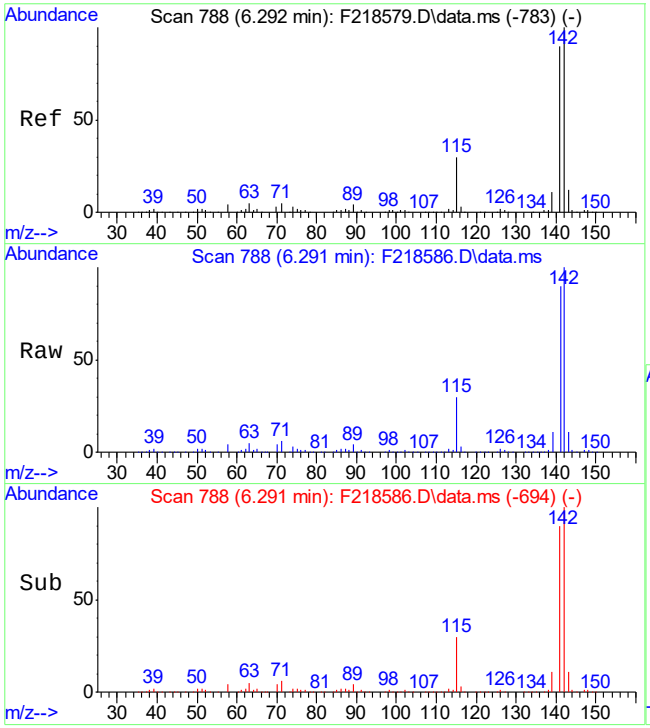


#43
4-Chloro-3-methylphenol
Concen: 112.22 ppm
RT: 6.158 min Scan# 763
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:107 Resp: 196053

Ion	Ratio	Lower	Upper
107	100		
144	28.7	0.0	59.9
142	92.1	61.5	121.5

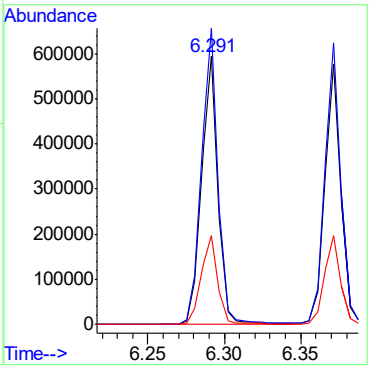


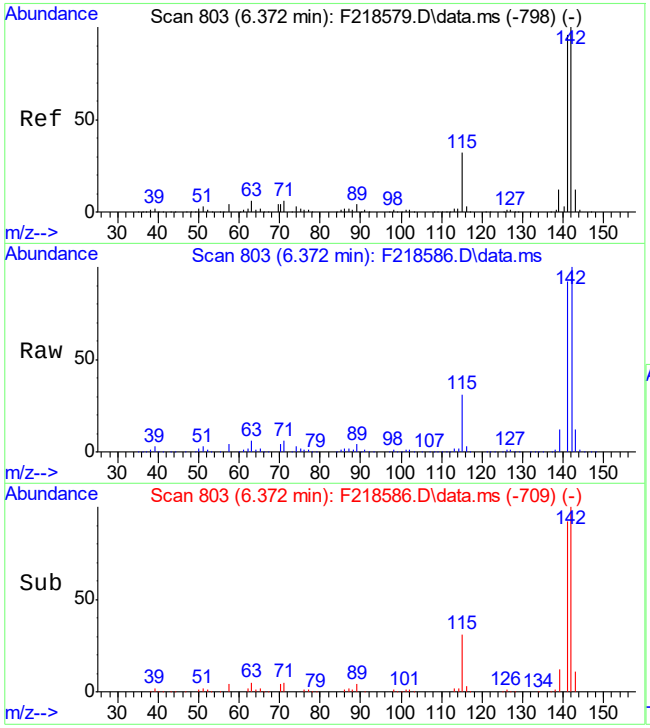


#44
2-Methylnaphthalene
Concen: 112.16 ppm
RT: 6.291 min Scan# 788
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:141 Resp: 444140

Ion	Ratio	Lower	Upper
141	100		
142	110.5	80.5	140.5
115	33.1	2.8	62.8

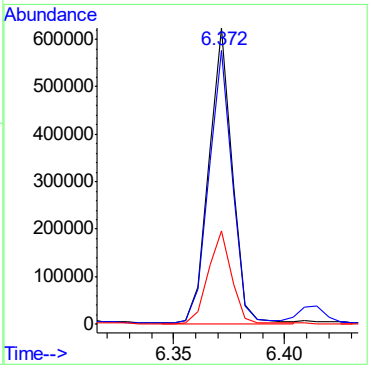


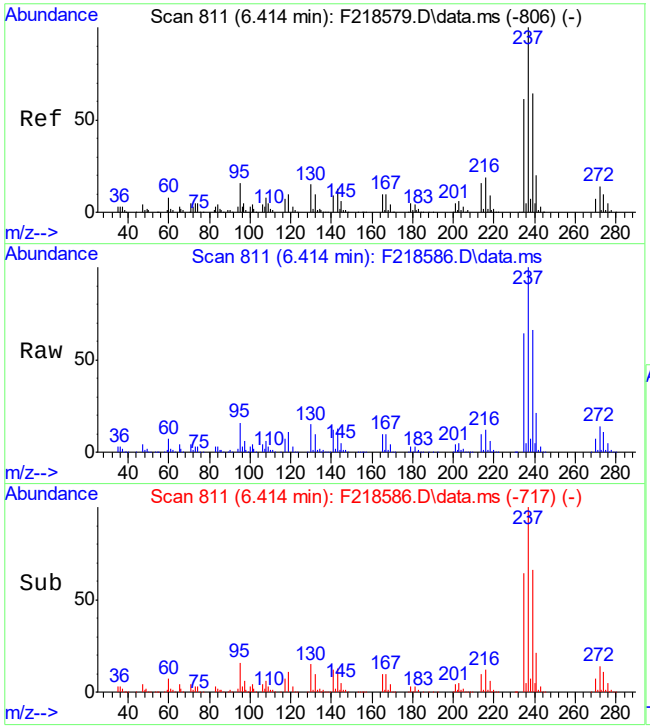


#45
1-Methylnaphthalene
Concen: 110.11 ppm
RT: 6.372 min Scan# 803
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:142 Resp: 460427

Ion	Ratio	Lower	Upper
142	100		
141	91.7	62.9	122.9
115	31.4	2.4	62.4

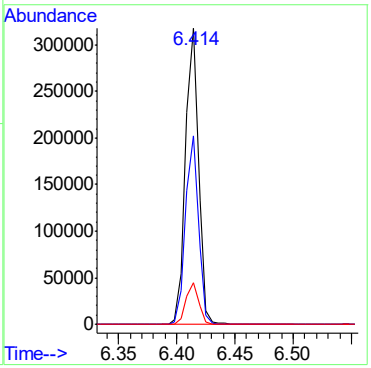


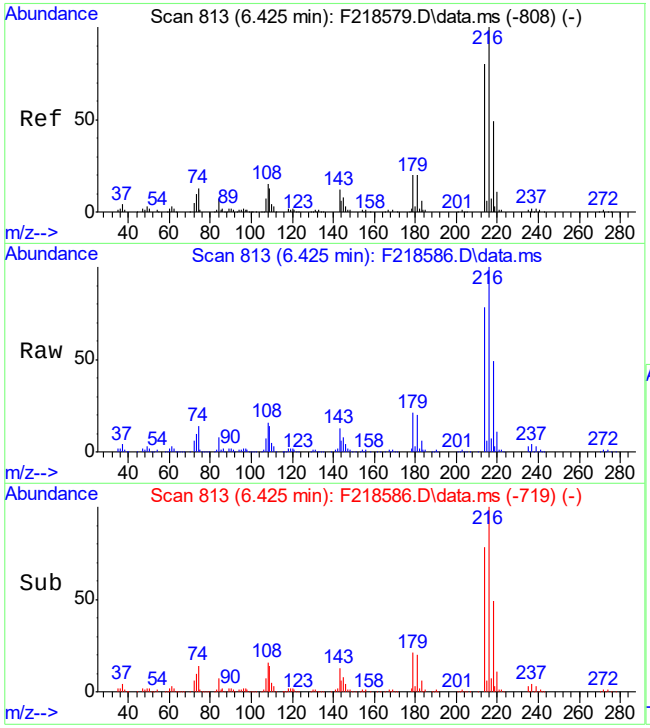


#47
Hexachlorocyclopentadiene
Concen: 239.19 ppm
RT: 6.414 min Scan# 811
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:237 Resp: 243630

Ion	Ratio	Lower	Upper
237	100		
235	63.6	30.8	90.8
272	14.2	0.0	44.0

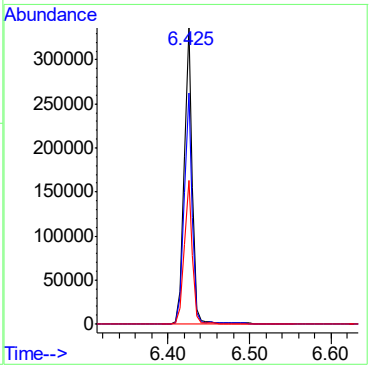


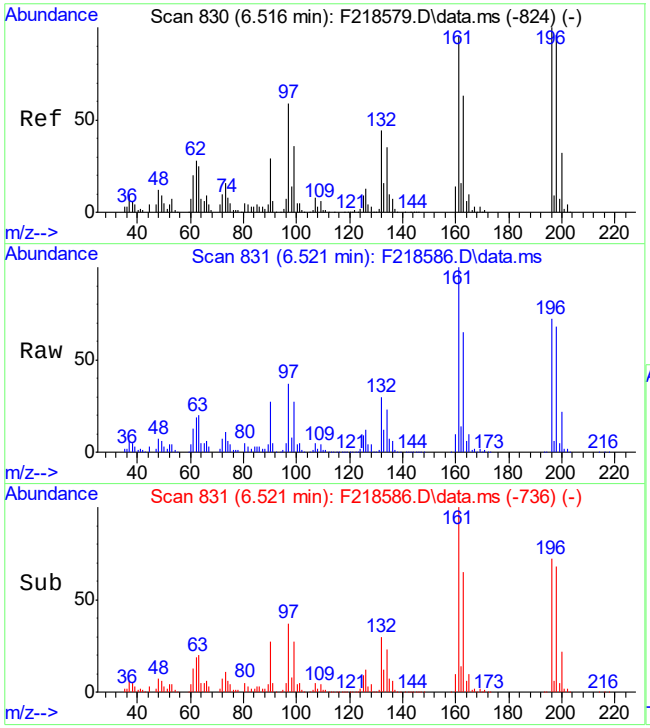


#48
1,2,4,5-tetrachlorobenzene
Concen: 114.67 ppm
RT: 6.425 min Scan# 813
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:216 Resp: 244941

Ion	Ratio	Lower	Upper
216	100		
214	78.4	55.6	103.2
218	48.1	33.6	62.4

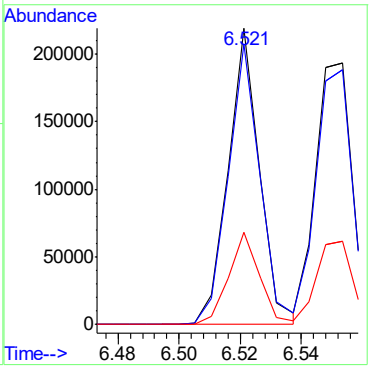


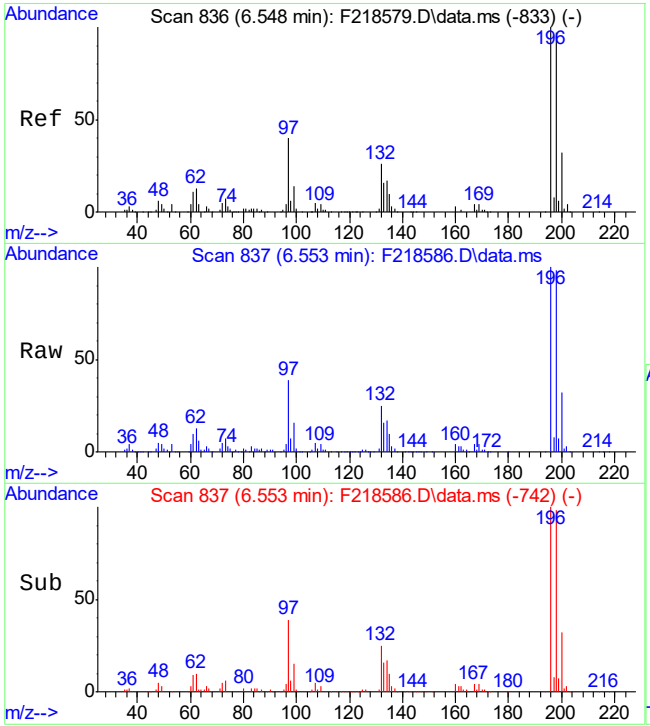


#49
2,4,6-Trichlorophenol
Concen: 117.21 ppm
RT: 6.521 min Scan# 831
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:196 Resp: 156532

Ion	Ratio	Lower	Upper
196	100		
198	94.8	66.2	126.2
200	31.1	1.7	61.7

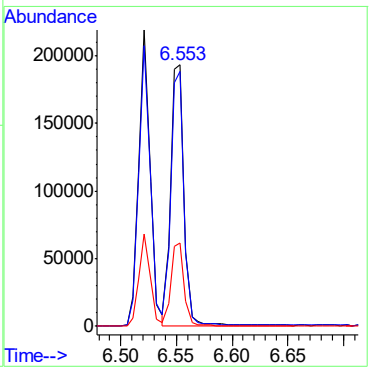


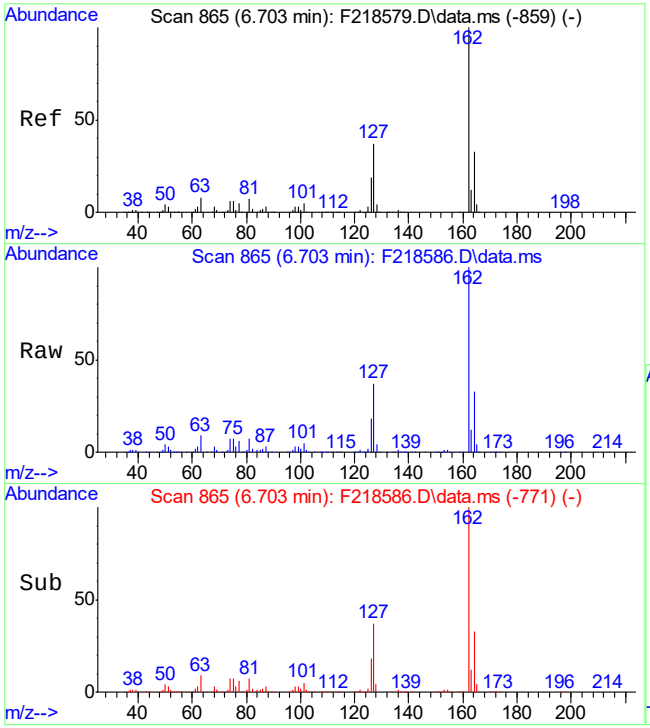


#50
2,4,5-Trichlorophenol
Concen: 113.06 ppm
RT: 6.553 min Scan# 837
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:196 Resp: 167429

Ion	Ratio	Lower	Upper
196	100		
198	97.4	66.8	126.8
200	31.9	1.7	61.7

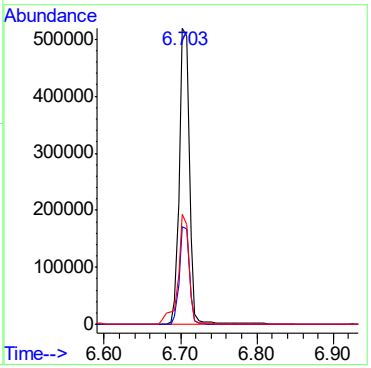


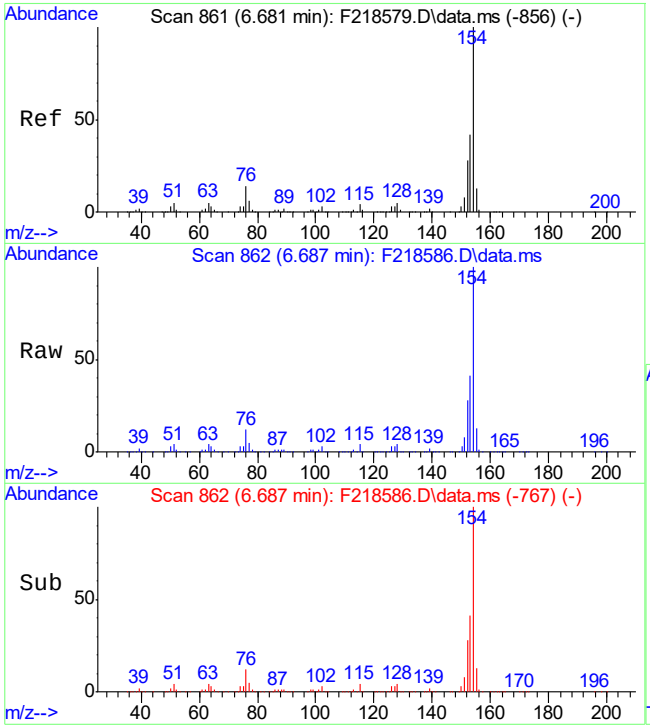


#52
2-Chloronaphthalene
Concen: 110.82 ppm
RT: 6.703 min Scan# 865
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:162 Resp: 480907

Ion	Ratio	Lower	Upper
162	100		
164	33.1	3.0	63.0
127	36.6	6.9	66.9

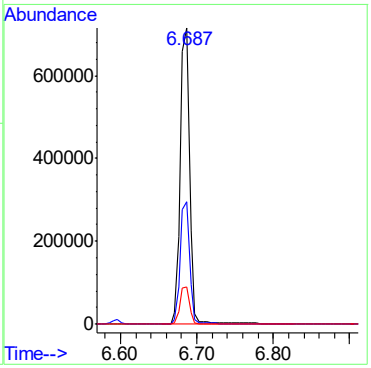


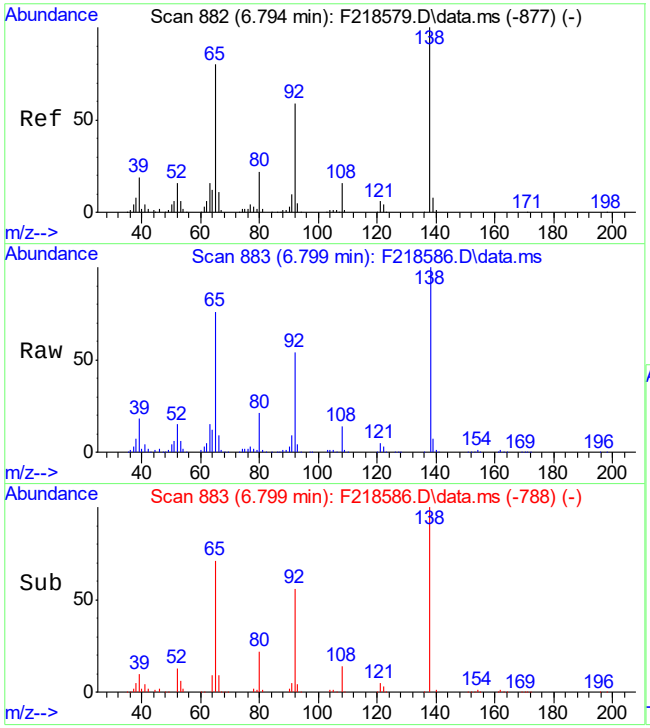


#53
Biphenyl
Concen: 110.94 ppm
RT: 6.687 min Scan# 862
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:154 Resp: 616584

Ion	Ratio	Lower	Upper
154	100		
153	41.4	12.0	72.0
155	12.6	0.0	42.7

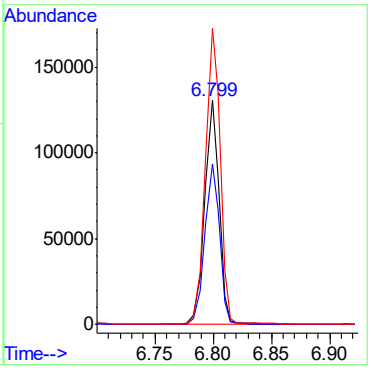


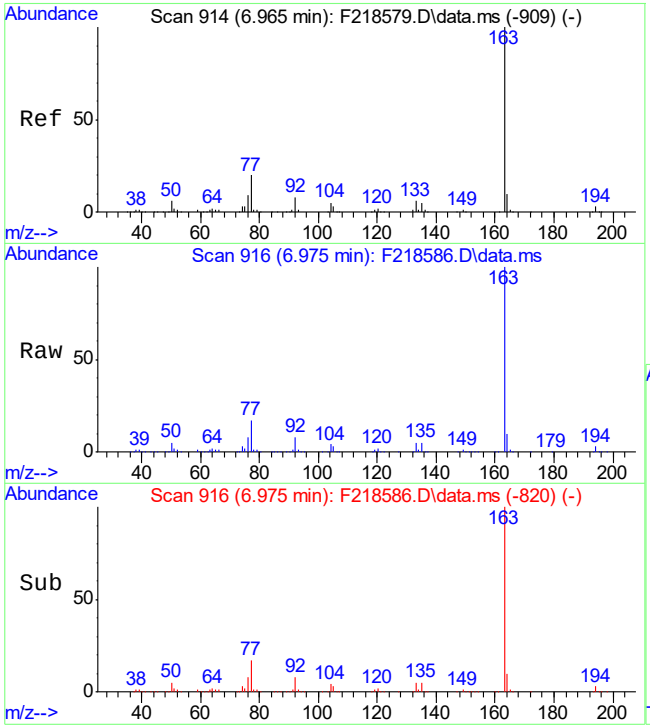


#54
2-Nitroaniline
Concen: 113.49 ppm
RT: 6.799 min Scan# 883
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 65 Resp: 114010

Ion	Ratio	Lower	Upper
65	100		
92	71.8	43.2	103.2
138	132.3	94.6	154.6

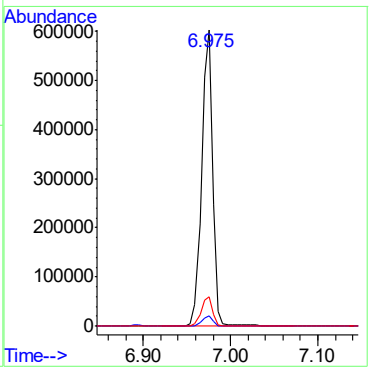


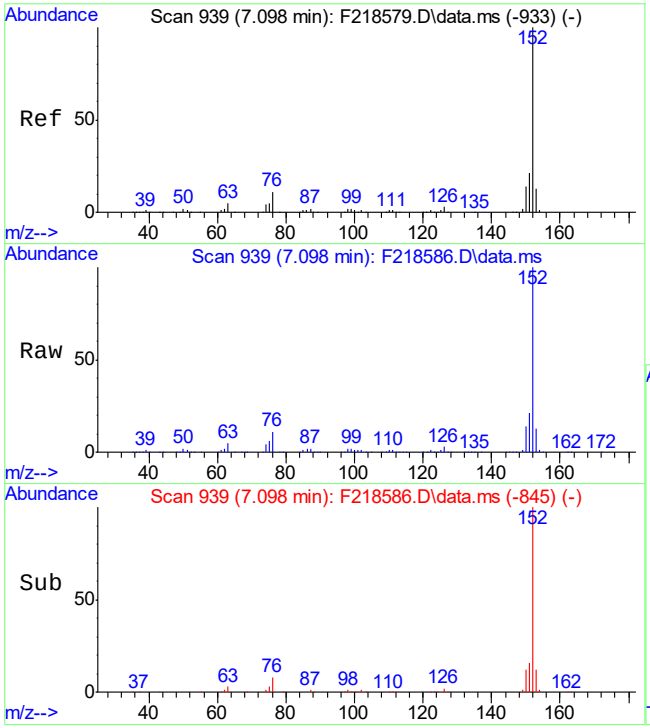


#55
Dimethylphthalate
Concen: 113.16 ppm
RT: 6.975 min Scan# 916
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:163 Resp: 533448

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	33.2
164	9.9	0.0	40.3

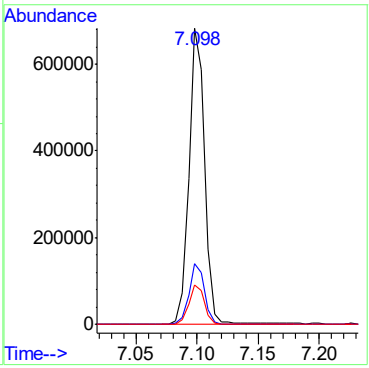


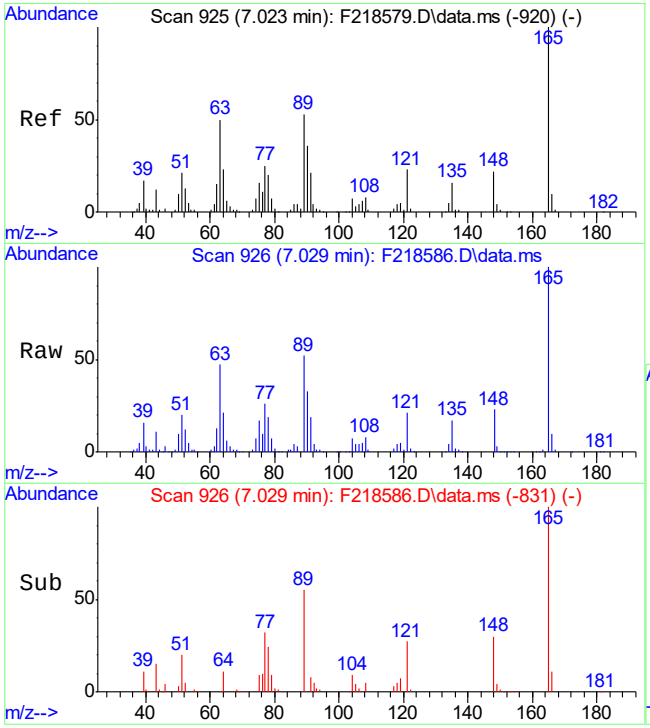


#56
Acenaphthylene
Concen: 118.22 ppm
RT: 7.098 min Scan# 939
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:152 Resp: 615942

Ion	Ratio	Lower	Upper
152	100		
151	20.5	0.0	50.5
153	13.4	0.0	43.0

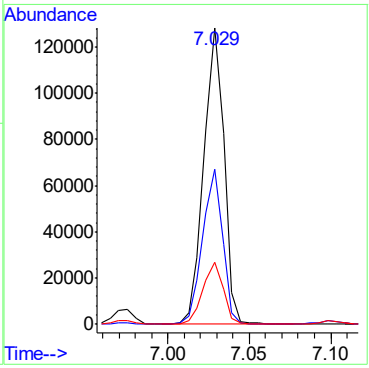


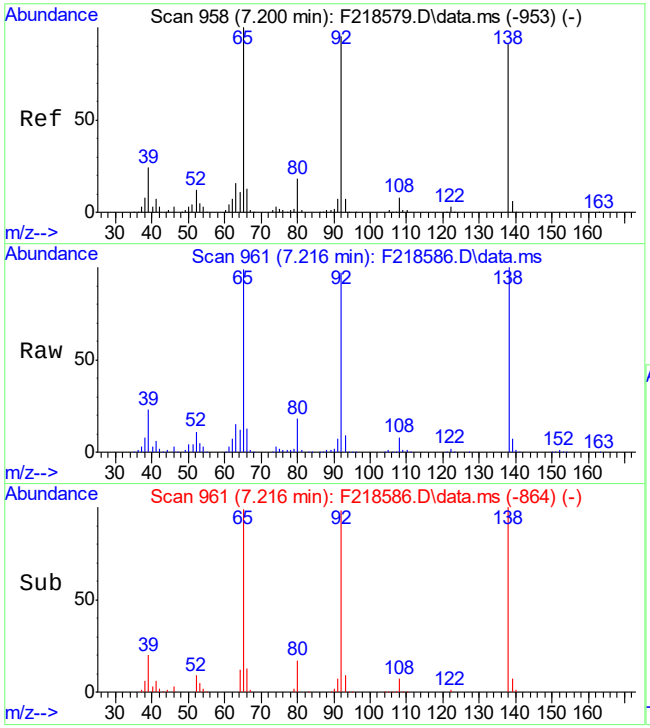


#57
2,6-Dinitrotoluene
Concen: 117.76 ppm
RT: 7.029 min Scan# 926
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:165 Resp: 110691

Ion	Ratio	Lower	Upper
165	100		
89	52.2	23.2	83.2
121	20.8	0.0	52.8

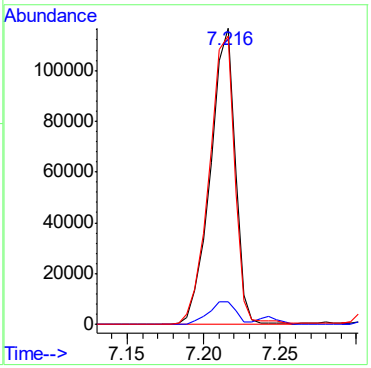


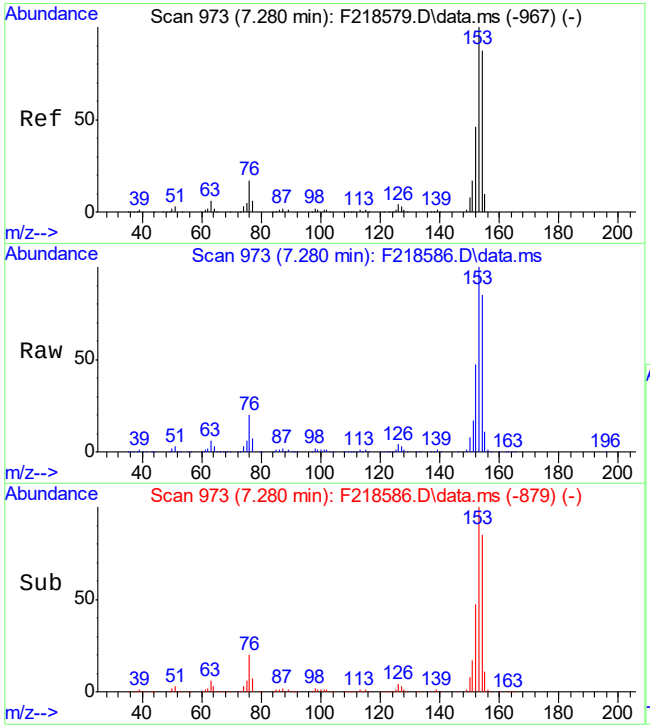


#58
3-Nitroaniline
Concen: 113.80 ppm
RT: 7.216 min Scan# 961
Delta R.T. 0.016 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:138 Resp: 130860

Ion	Ratio	Lower	Upper
138	100		
108	7.7	0.0	38.0
92	97.2	74.4	134.4

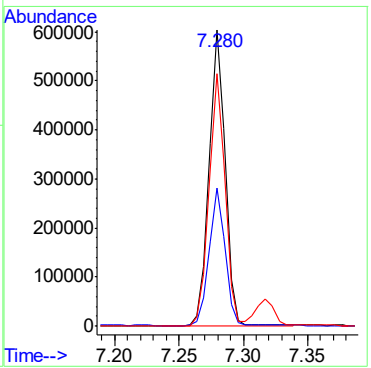


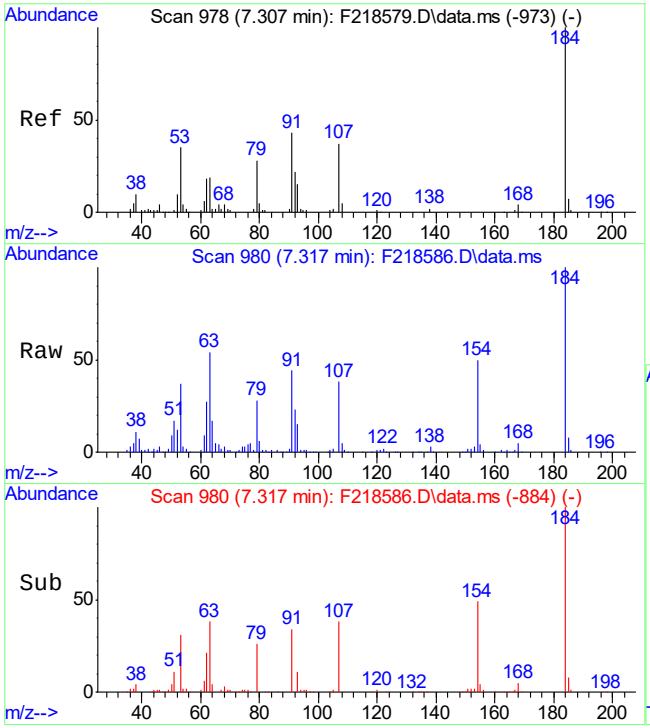


#59
Acenaphthene
Concen: 111.19 ppm
RT: 7.280 min Scan# 973
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:153 Resp: 527728

Ion	Ratio	Lower	Upper
153	100		
152	46.5	16.3	76.3
154	85.1	57.4	117.4

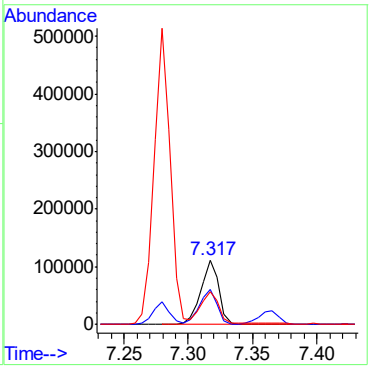


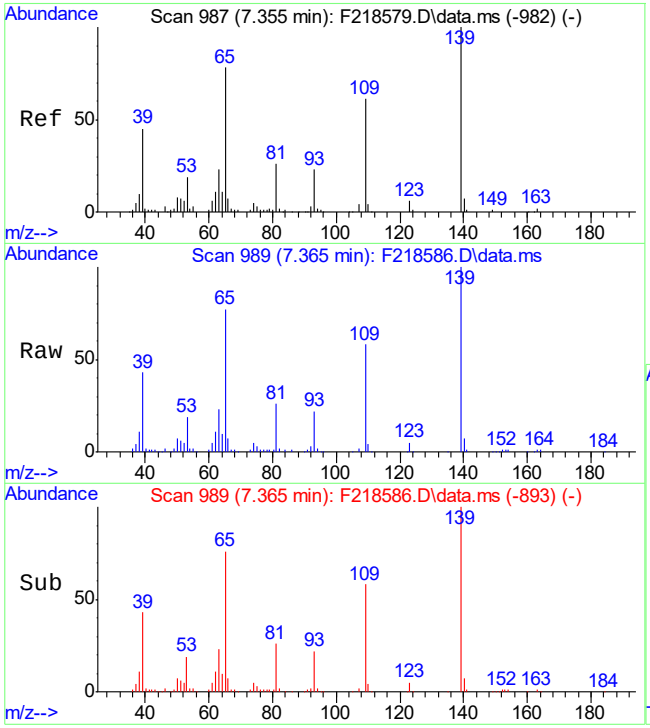


#60
2,4-Dinitrophenol
Concen: 248.85 ppm
RT: 7.317 min Scan# 980
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:184 Resp: 108700

Ion	Ratio	Lower	Upper
184	100		
63	36.2	0.0	60.0
154	0.0	0.0	30.0

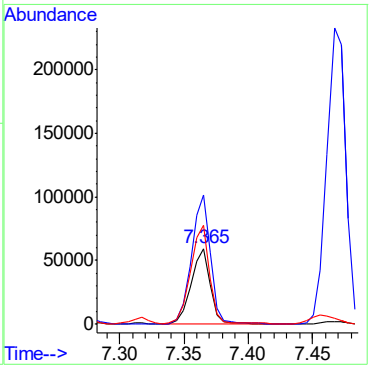


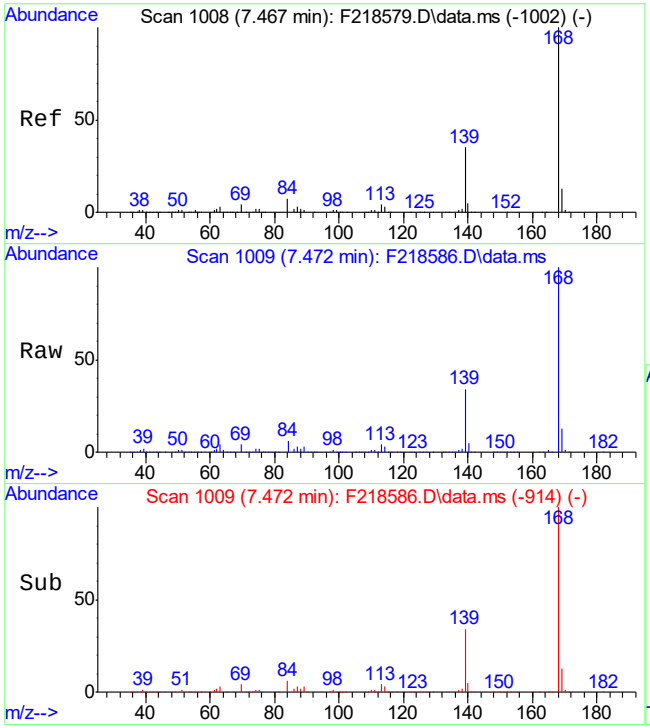


#61
4-Nitrophenol
Concen: 114.90 ppm
RT: 7.365 min Scan# 989
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:109 Resp: 62916

Ion	Ratio	Lower	Upper
109	100		
139	171.4	134.4	194.4
65	130.9	98.6	158.6

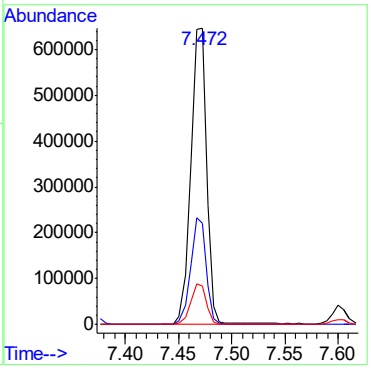


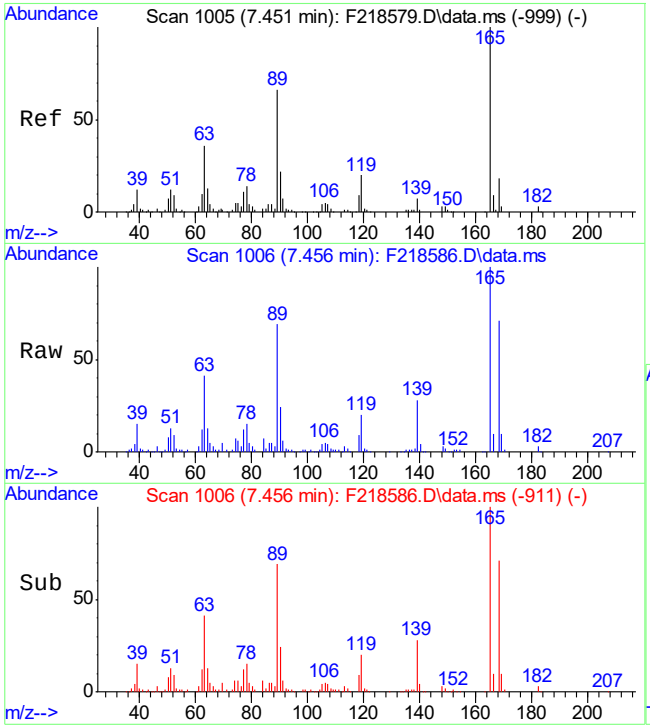


#62
Dibenzofuran
Concen: 111.06 ppm
RT: 7.472 min Scan# 1009
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:168 Resp: 676650

Ion	Ratio	Lower	Upper
168	100		
139	34.0	5.2	65.2
169	13.0	0.0	43.3

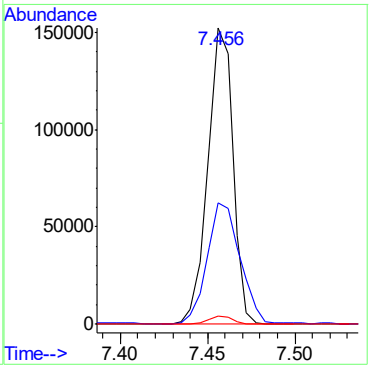


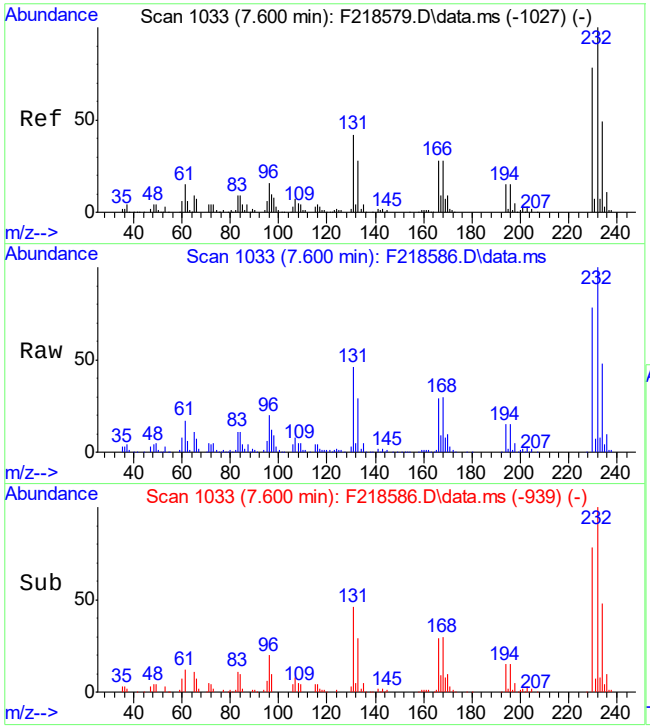


#63
2,4-Dinitrotoluene
Concen: 121.39 ppm
RT: 7.456 min Scan# 1006
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:165 Resp: 152251

Ion	Ratio	Lower	Upper
165	100		
63	40.6	6.1	66.1
182	2.7	0.0	32.6

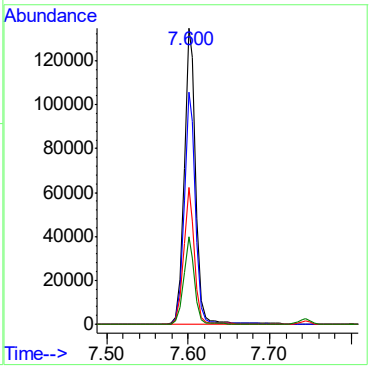


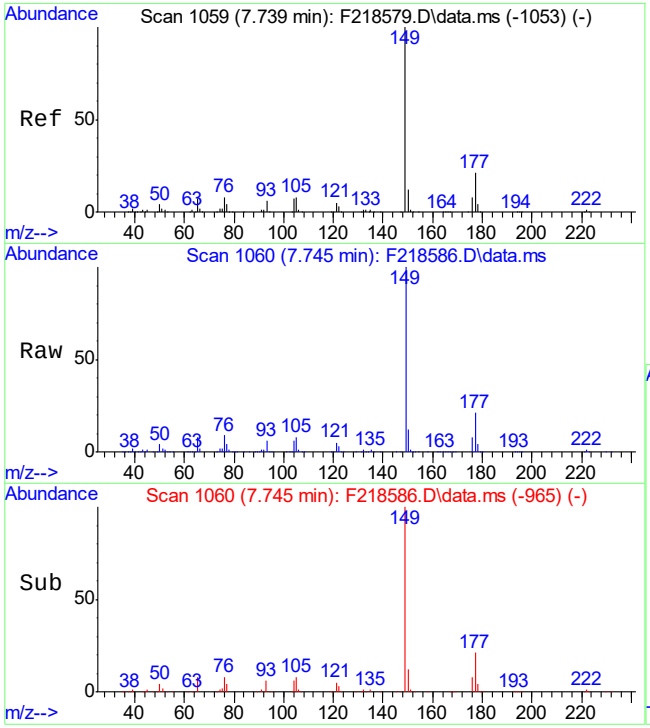


#64
2,3,4,6-Tetrachlorophenol
Concen: 116.50 ppm
RT: 7.600 min Scan# 1033
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:232 Resp: 136327

Ion	Ratio	Lower	Upper
232	100		
230	78.3	48.4	108.4
131	46.2	11.7	71.7
133	29.4	0.0	57.9

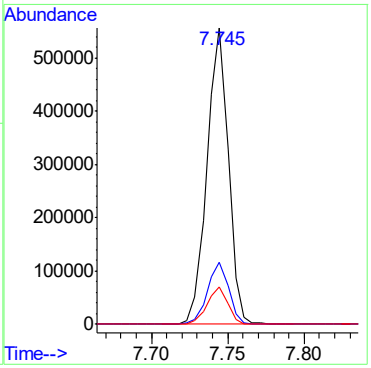


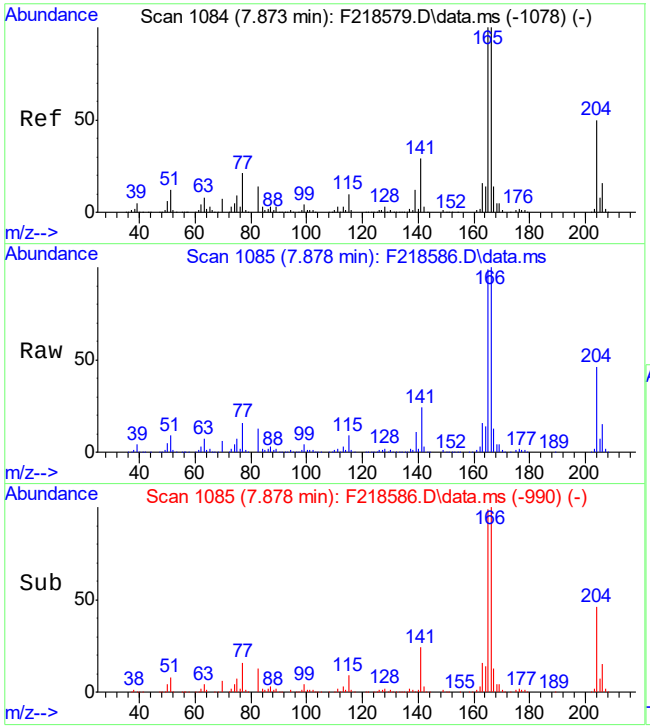


#65
Diethylphthalate
Concen: 111.85 ppm
RT: 7.745 min Scan# 1060
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:149 Resp: 536223

Ion	Ratio	Lower	Upper
149	100		
177	20.8	0.0	50.6
150	12.4	0.0	42.0

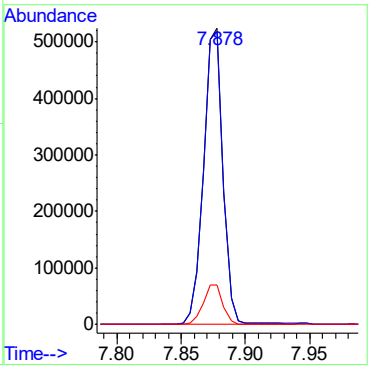


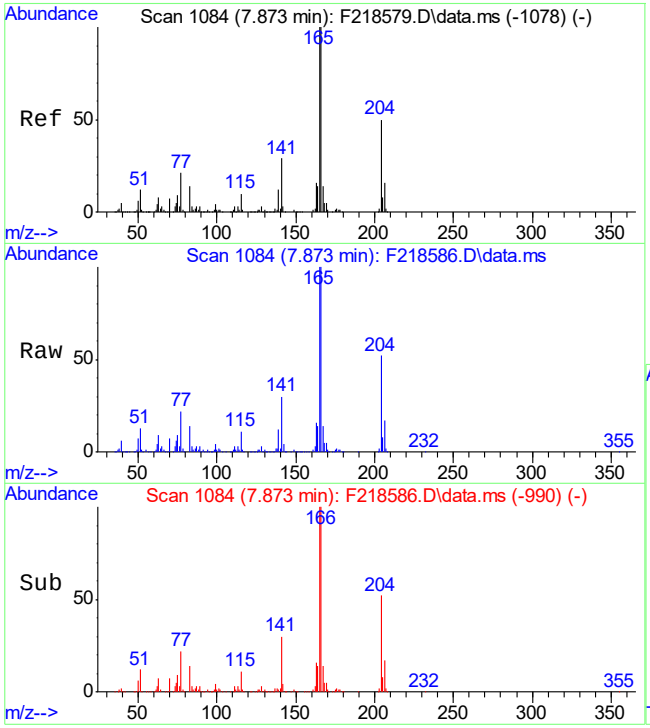


#66
Fluorene
Concen: 113.44 ppm
RT: 7.878 min Scan# 1085
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:166 Resp: 548501

Ion	Ratio	Lower	Upper
166	100		
165	99.0	69.8	129.8
167	13.3	0.0	43.7

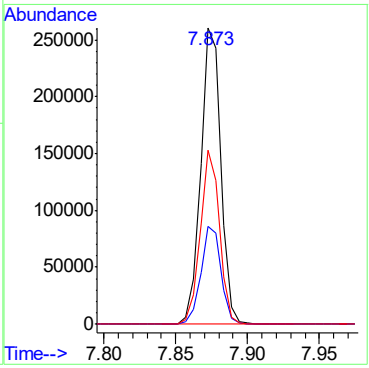


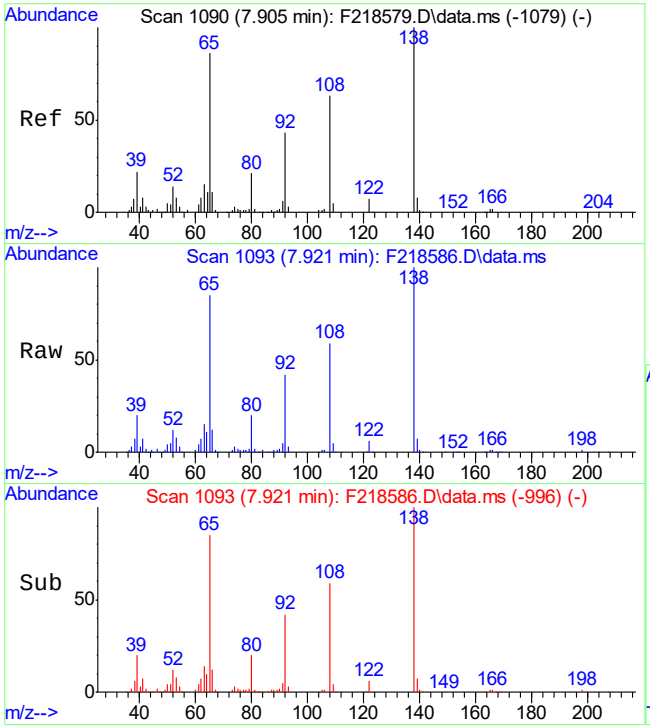


#67
4-Chlorophenyl-phenylether
Concen: 114.40 ppm
RT: 7.873 min Scan# 1084
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:204 Resp: 255664

Ion	Ratio	Lower	Upper
204	100		
206	33.2	2.1	62.1
141	58.9	26.8	86.8

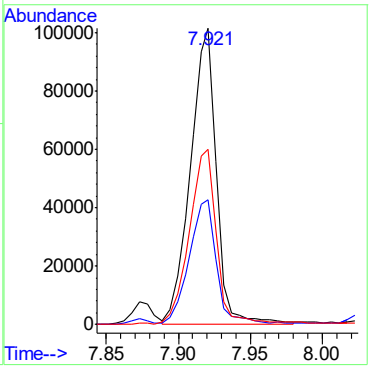


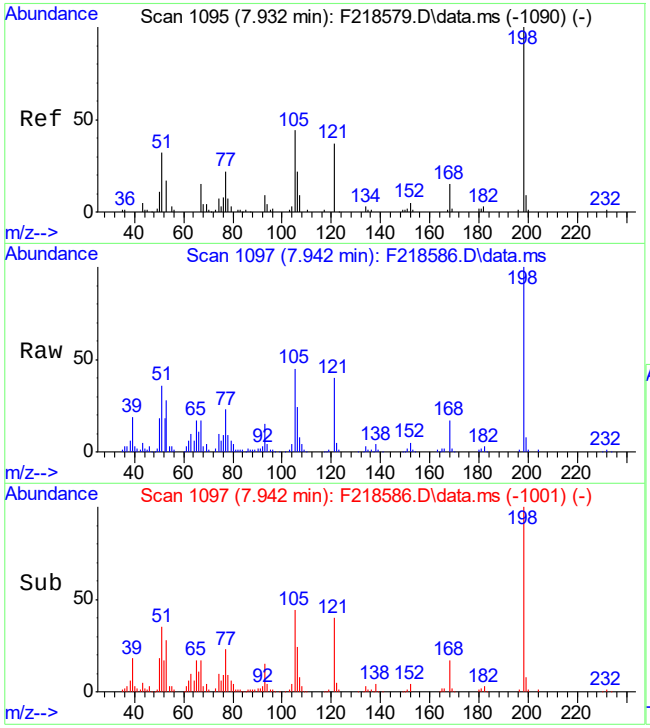


#68
4-Nitroaniline
Concen: 106.06 ppm
RT: 7.921 min Scan# 1093
Delta R.T. 0.016 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:138 Resp: 129407

Ion	Ratio	Lower	Upper
138	100		
92	41.8	13.3	73.3
108	59.2	32.8	92.8

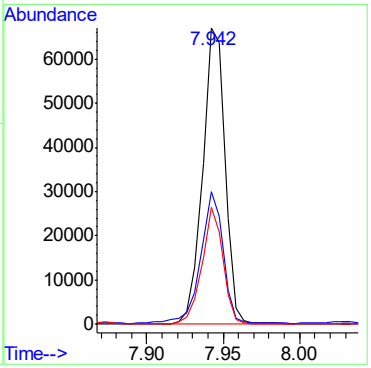


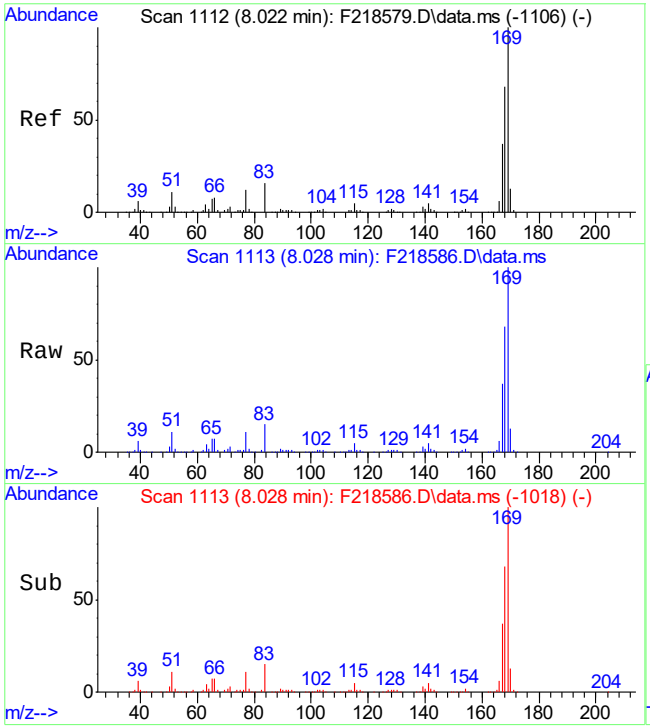


#70
4,6-Dinitro-2-methylphenol
Concen: 121.63 ppm
RT: 7.942 min Scan# 1097
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:198 Resp: 67981

Ion	Ratio	Lower	Upper
198	100		
105	44.2	14.8	74.8
121	39.6	7.1	67.1

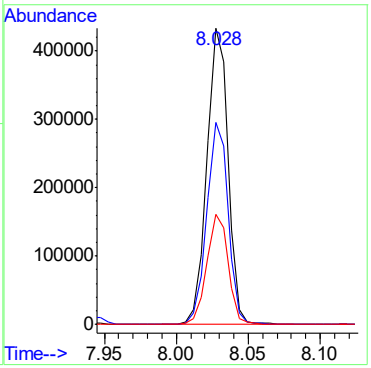


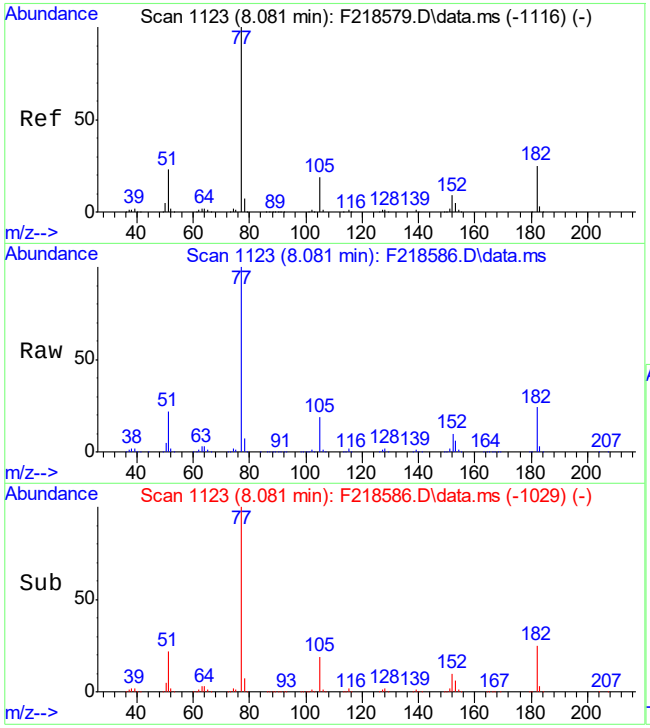


#71
n-Nitrosodiphenylamine
Concen: 107.05 ppm
RT: 8.028 min Scan# 1113
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:169 Resp: 443630

Ion	Ratio	Lower	Upper
169	100		
168	68.1	37.7	97.7
167	37.1	7.1	67.1

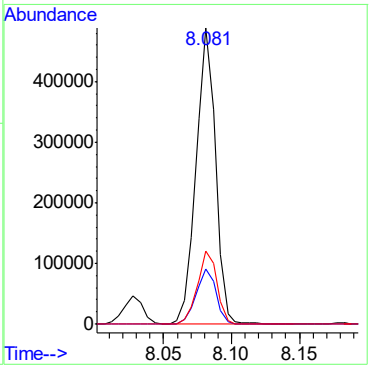


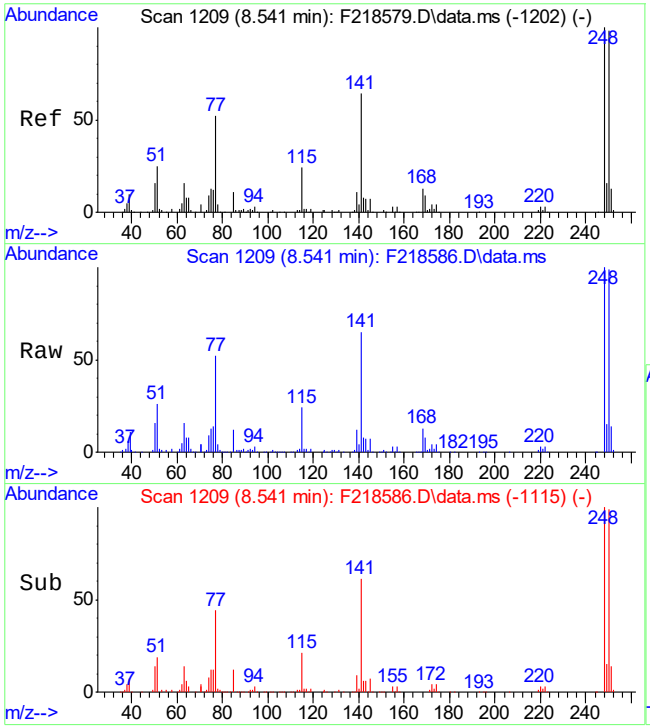


#72
1,2-Diphenylhydrazine
Concen: 103.39 ppm
RT: 8.081 min Scan# 1123
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 77 Resp: 483996

Ion	Ratio	Lower	Upper
77	100		
105	18.8	0.0	48.6
182	24.5	0.0	54.6

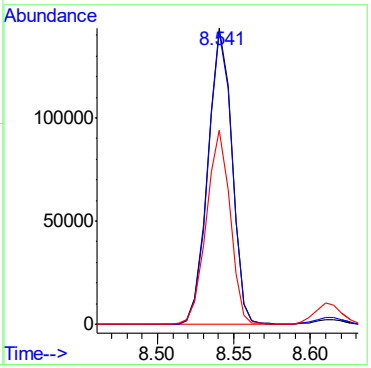


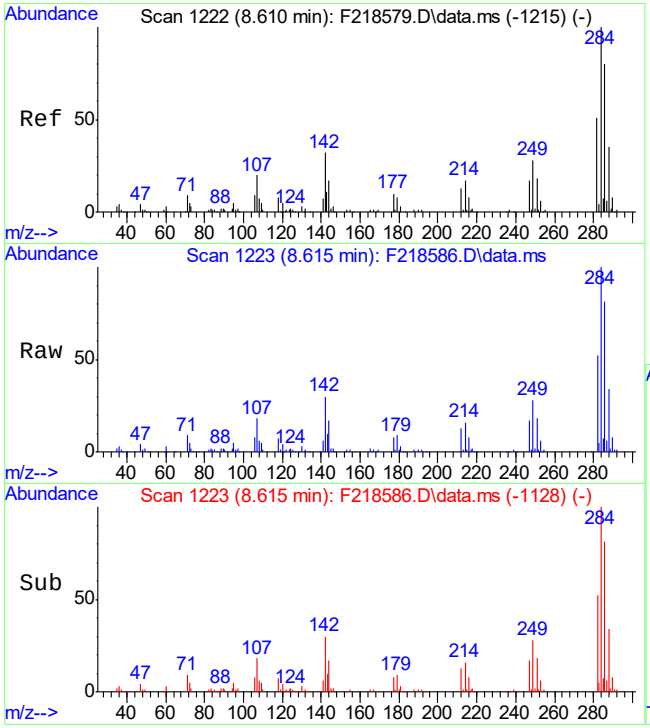


#74
4-Bromophenyl-phenylether
Concen: 108.97 ppm
RT: 8.541 min Scan# 1209
Delta R.T. -0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:248 Resp: 156635

Ion	Ratio	Lower	Upper
248	100		
250	99.0	68.3	128.3
141	65.4	34.4	94.4

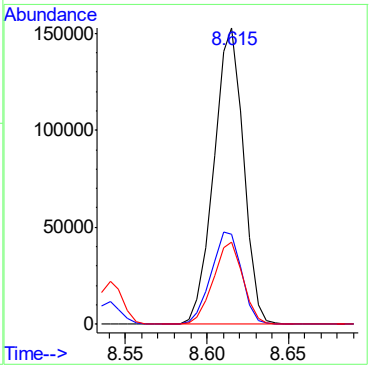


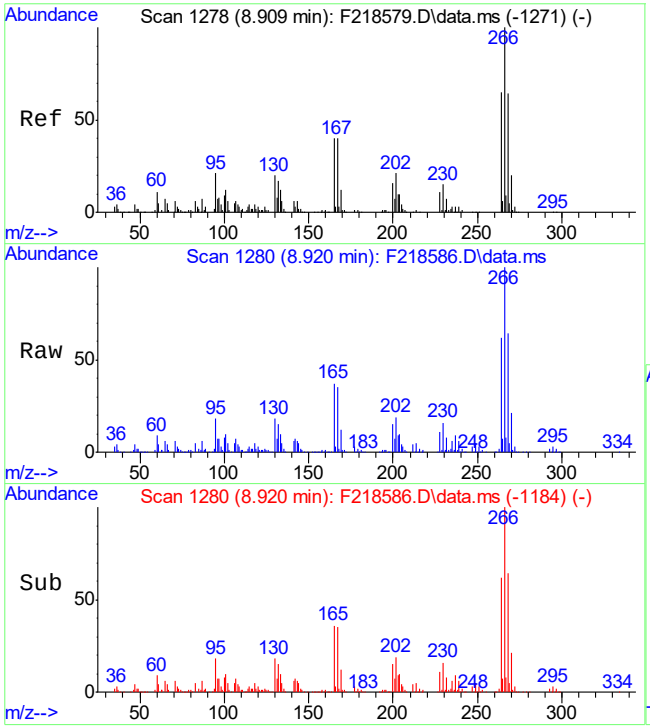


#75
Hexachlorobenzene
Concen: 108.45 ppm
RT: 8.615 min Scan# 1223
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:284 Resp: 193026

Ion	Ratio	Lower	Upper
284	100		
142	30.3	2.4	62.4
249	27.7	0.0	57.7

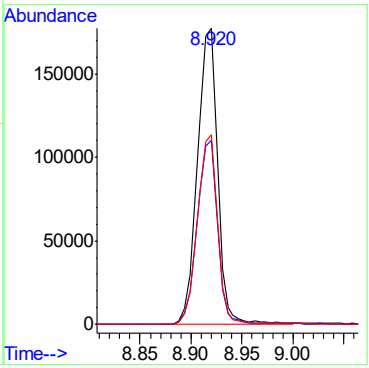


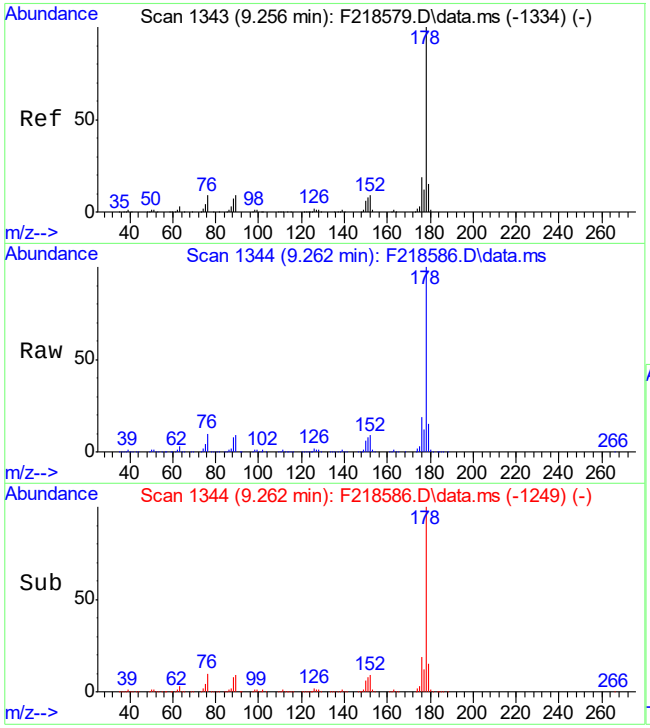


#76
Pentachlorophenol
Concen: 230.34 ppm
RT: 8.920 min Scan# 1280
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:266 Resp: 242649

Ion	Ratio	Lower	Upper
266	100		
264	62.2	34.7	94.7
268	64.2	33.8	93.8

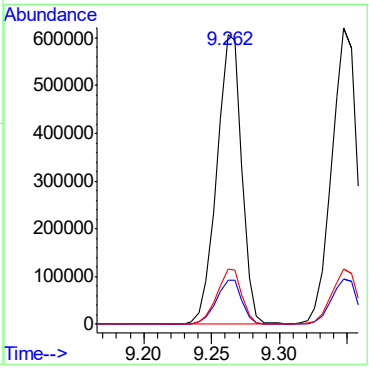


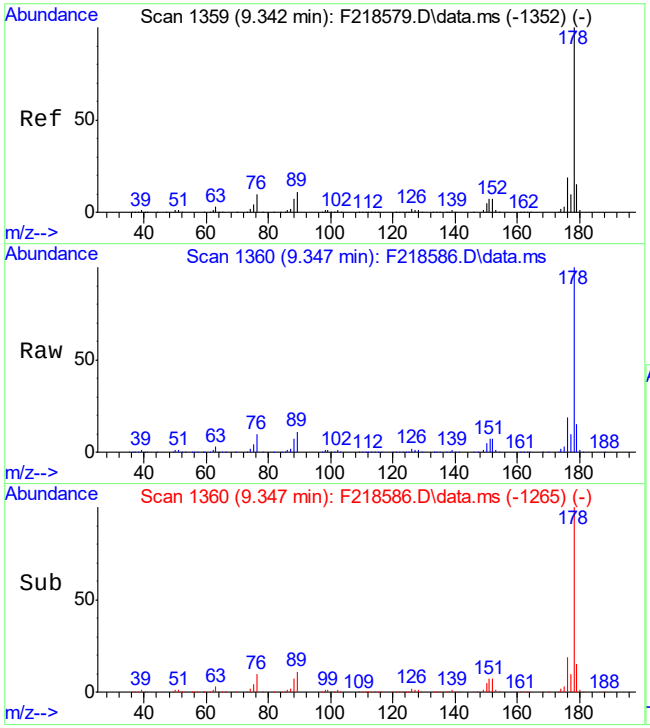


#77
Phenanthrene
Concen: 107.04 ppm
RT: 9.262 min Scan# 1344
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:178 Resp: 782664

Ion	Ratio	Lower	Upper
178	100		
179	15.3	0.0	45.2
176	19.1	0.0	48.7

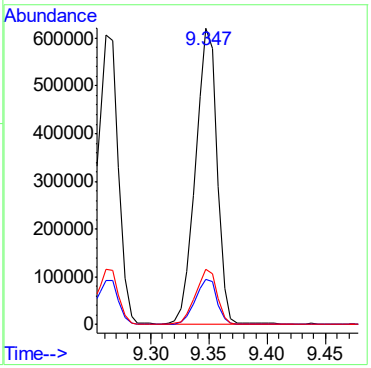


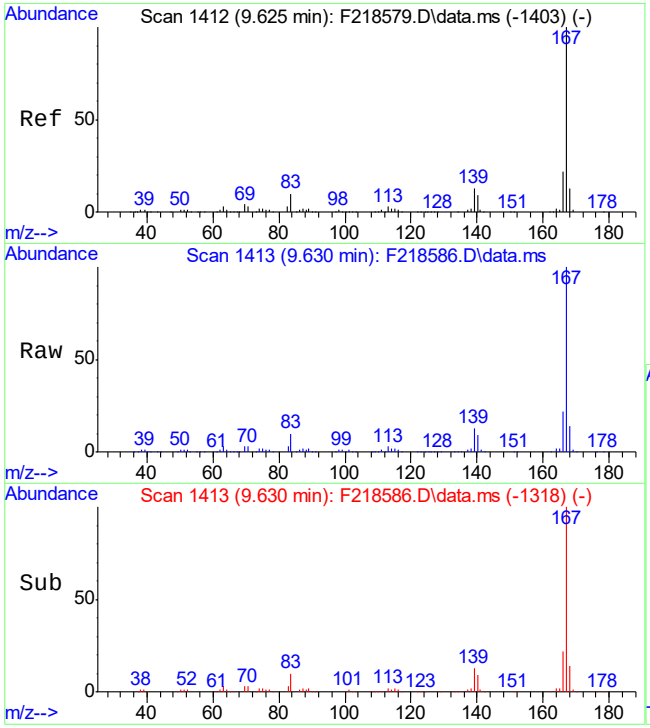


#78
Anthracene
Concen: 109.22 ppm
RT: 9.347 min Scan# 1360
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:178 Resp: 799954

Ion	Ratio	Lower	Upper
178	100		
179	15.4	0.0	45.2
176	18.8	0.0	48.6

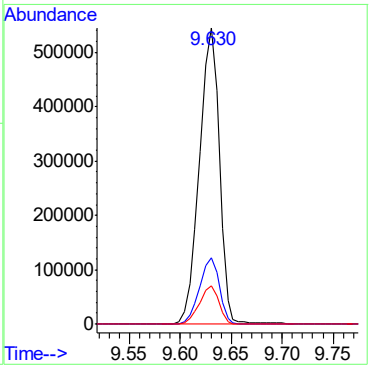


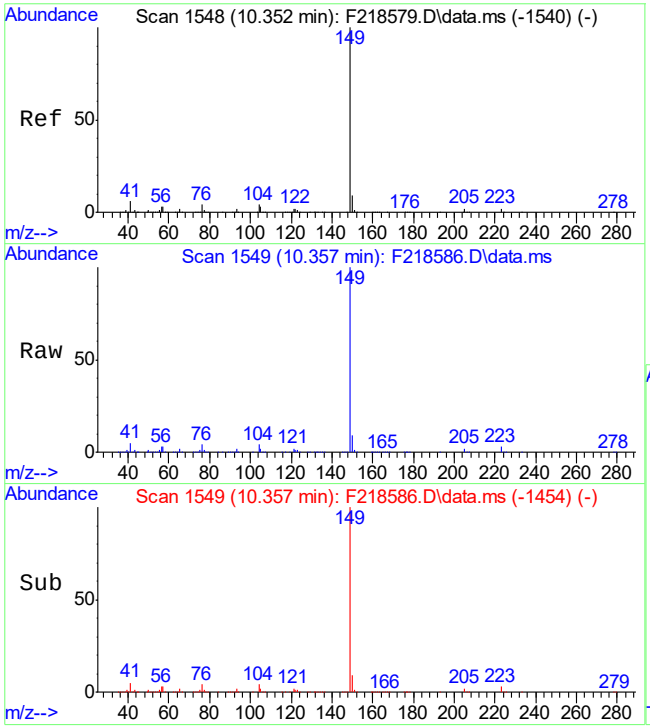


#79
Carbazole
Concen: 108.85 ppm
RT: 9.630 min Scan# 1413
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:167 Resp: 736117

Ion	Ratio	Lower	Upper
167	100		
166	22.3	0.0	52.1
139	12.8	0.0	42.7

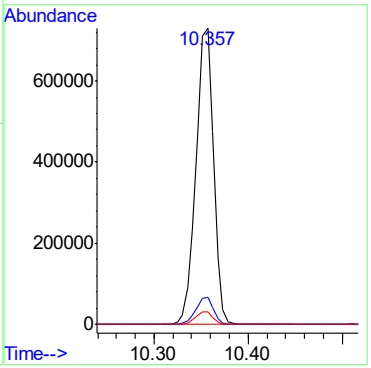


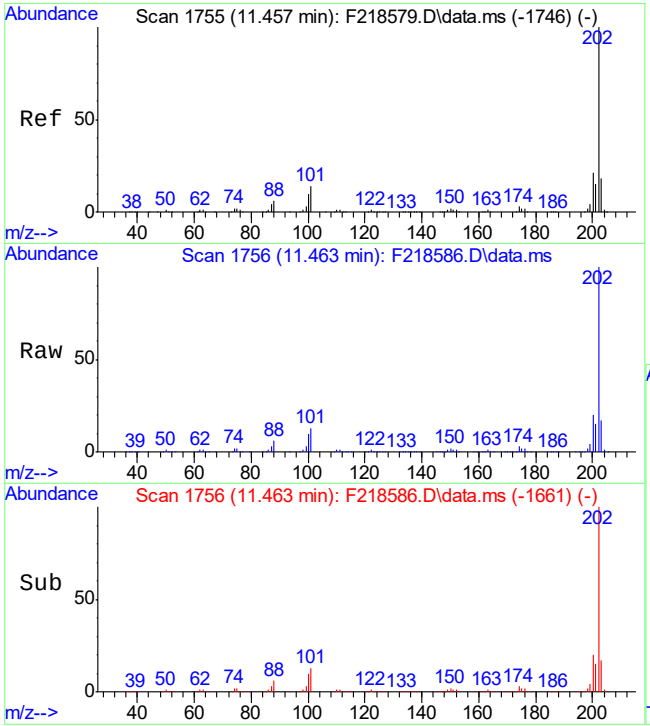


#80
Di-n-butylphthalate
Concen: 108.50 ppm
RT: 10.357 min Scan# 1549
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:149 Resp: 949455

Ion	Ratio	Lower	Upper
149	100		
150	9.0	0.0	39.1
104	4.1	0.0	34.5

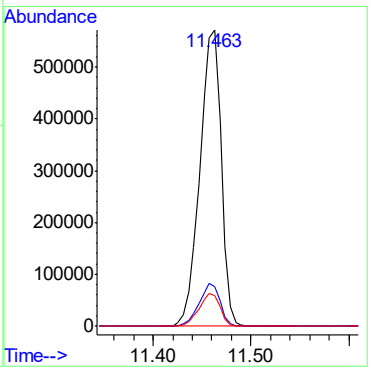


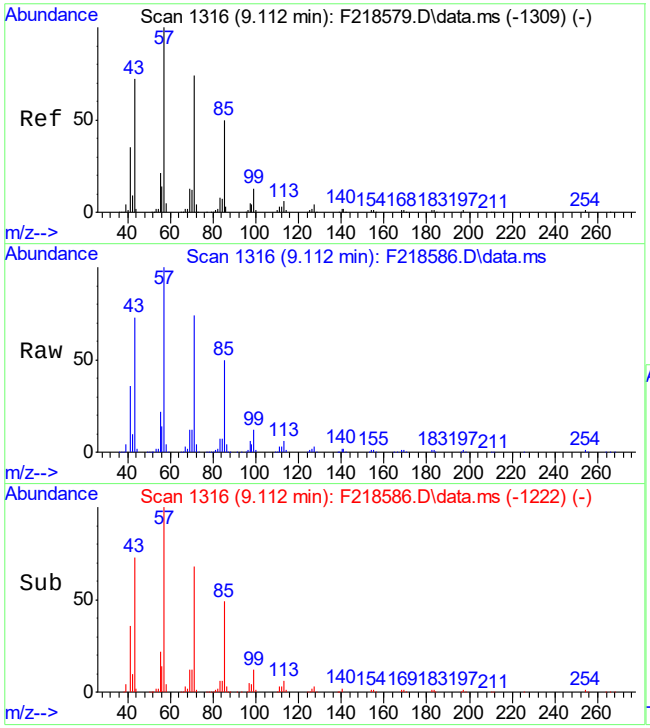


#81
Fluoranthene
Concen: 109.76 ppm
RT: 11.463 min Scan# 1756
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:202 Resp: 866845

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	43.8
100	10.4	0.0	40.4

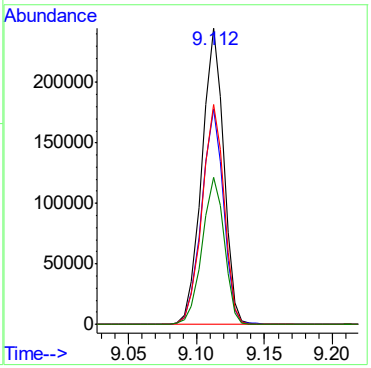


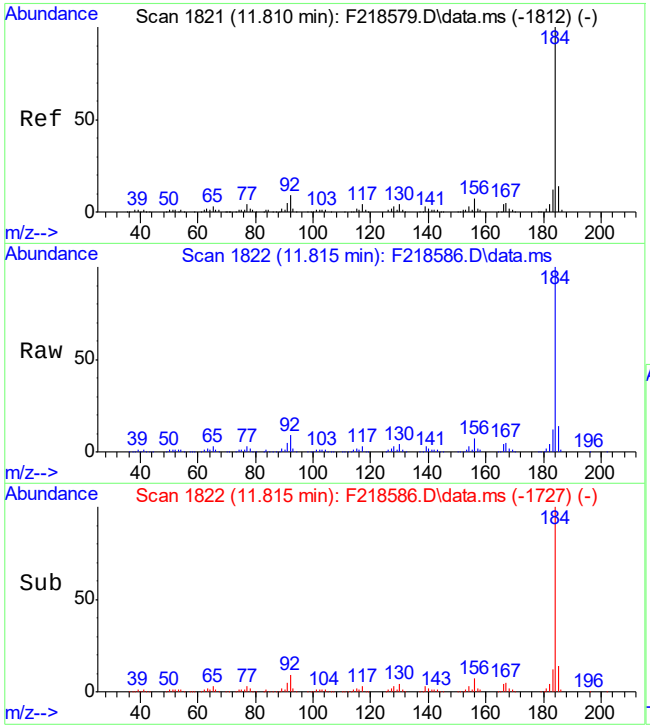


#82
Octadecane
Concen: 104.45 ppm
RT: 9.112 min Scan# 1316
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion: 57 Resp: 274165

Ion	Ratio	Lower	Upper
57	100		
43	72.9	42.0	102.0
71	74.4	43.7	103.7
85	49.6	20.3	80.3

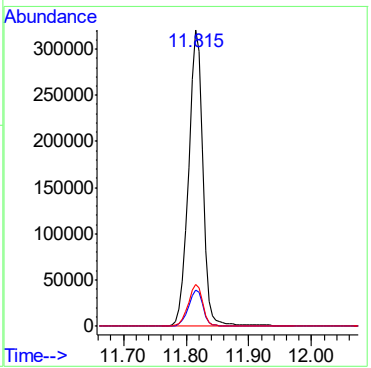


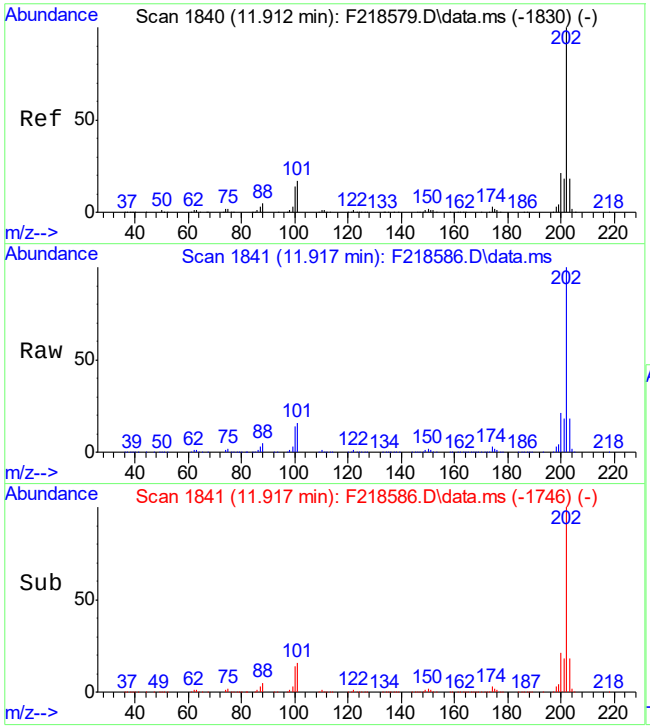


#84
Benzidine
Concen: 109.49 ppm
RT: 11.815 min Scan# 1822
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:184 Resp: 508912

Ion	Ratio	Lower	Upper
184	100		
183	12.2	0.0	61.9
185	14.0	0.0	63.7

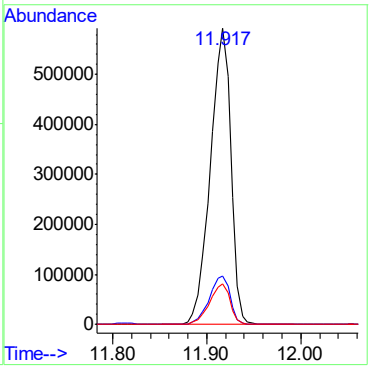


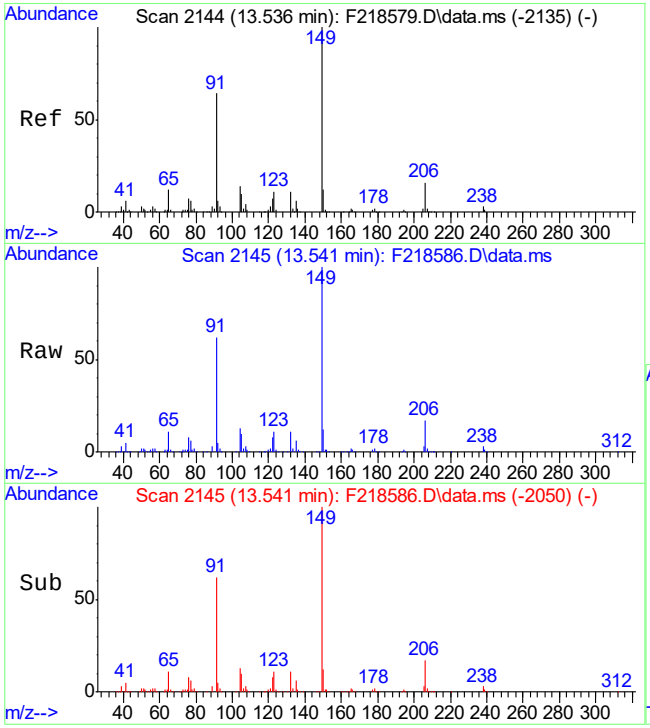


#85
Pyrene
Concen: 108.81 ppm
RT: 11.917 min Scan# 1841
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:202 Resp: 904301

Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	46.8
100	13.8	0.0	44.1

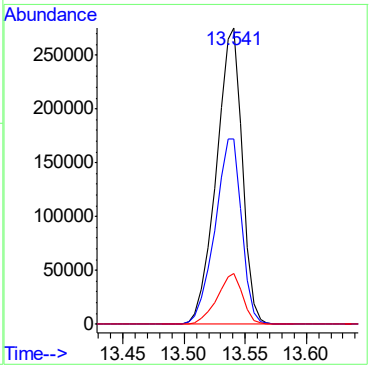


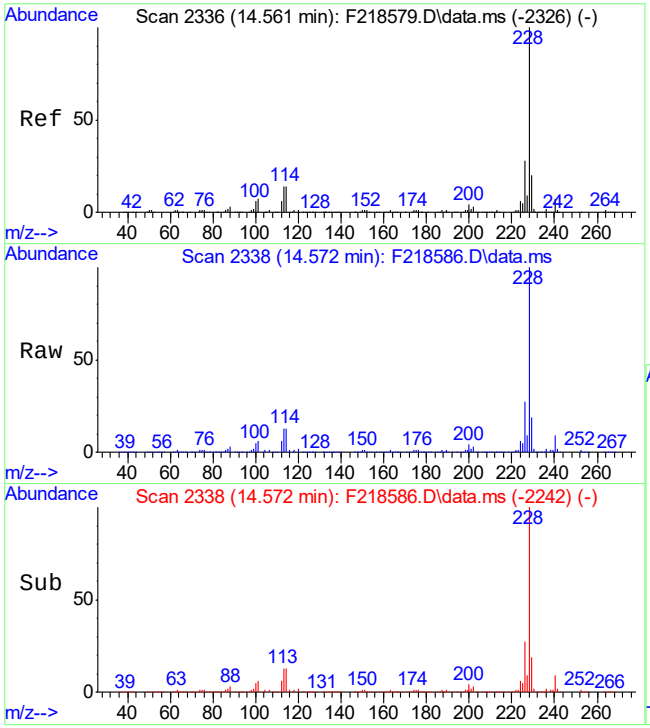


#87
Butylbenzylphthalate
Concen: 107.66 ppm
RT: 13.541 min Scan# 2145
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:149 Resp: 406370

Ion	Ratio	Lower	Upper
149	100		
91	62.4	34.1	94.1
206	17.1	0.0	46.0

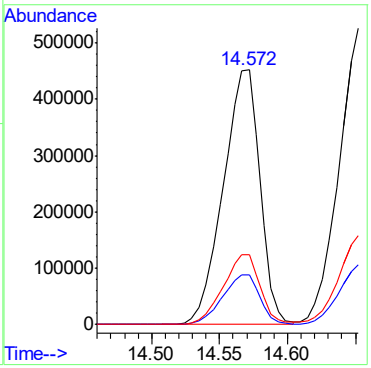


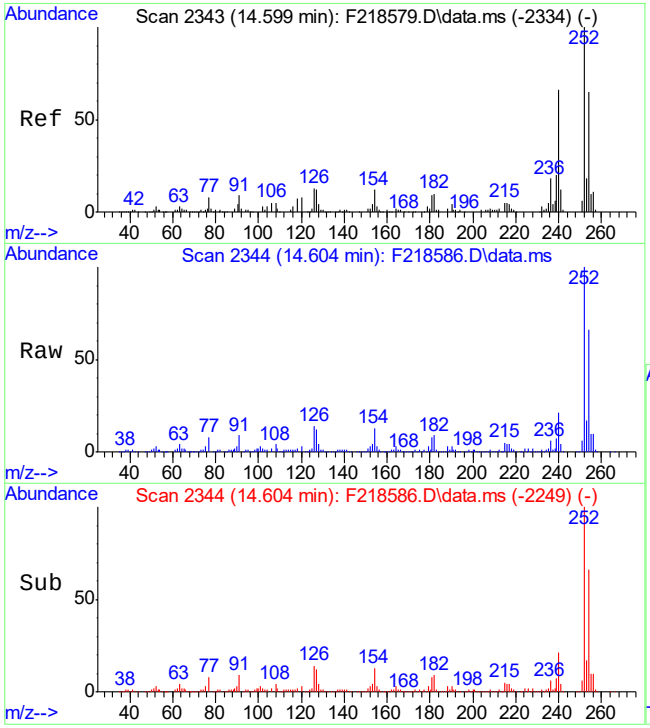


#88
Benzo[a]anthracene
Concen: 107.32 ppm
RT: 14.572 min Scan# 2338
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:228 Resp: 856645

Ion	Ratio	Lower	Upper
228	100		
229	19.5	0.0	50.4
226	26.8	0.0	57.6

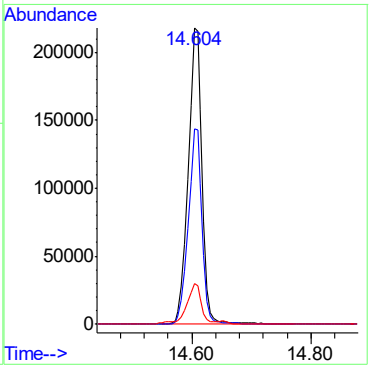


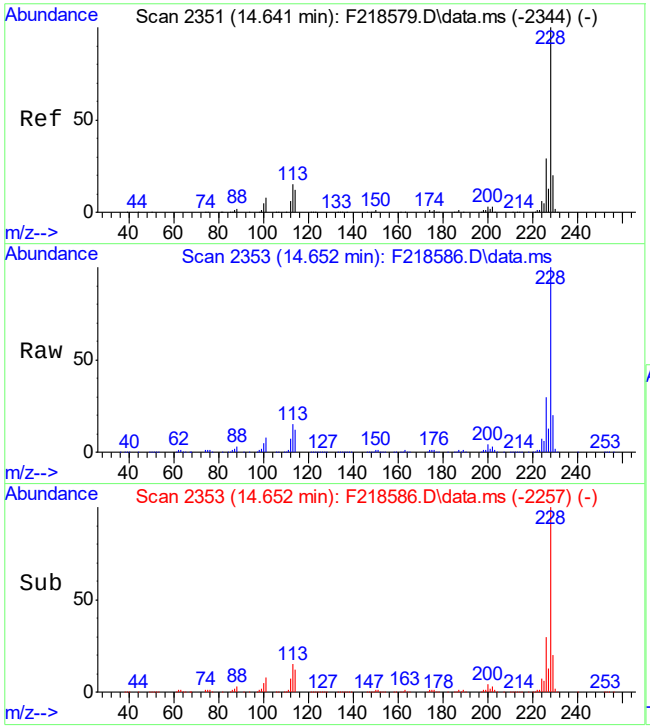


#89
3,3'-Dichlorobenzidine
Concen: 109.12 ppm
RT: 14.604 min Scan# 2344
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:252 Resp: 349871

Ion	Ratio	Lower	Upper
252	100		
254	65.9	34.6	94.6
126	13.4	0.0	43.3

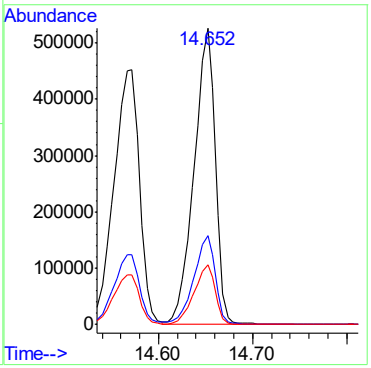


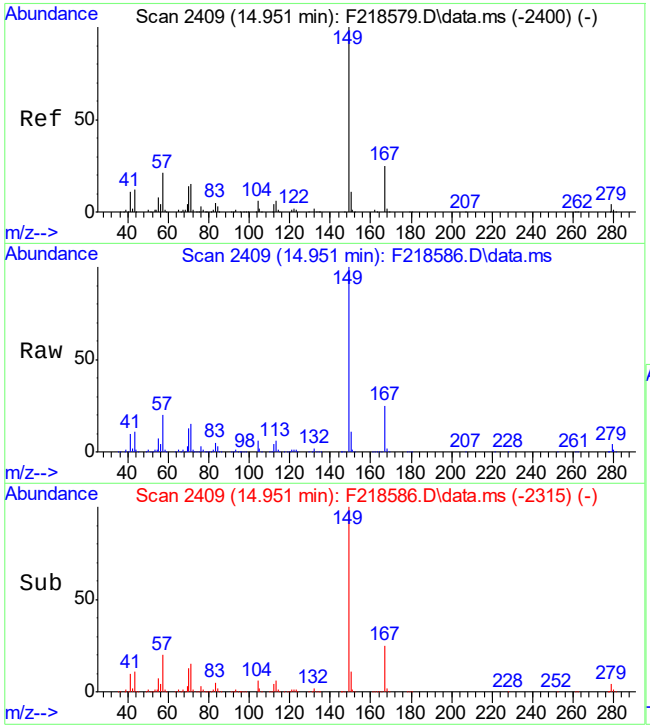


#90
Chrysene
Concen: 106.20 ppm
RT: 14.652 min Scan# 2353
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:228 Resp: 824900

Ion	Ratio	Lower	Upper
228	100		
226	29.8	0.0	58.8
229	20.1	0.0	49.7

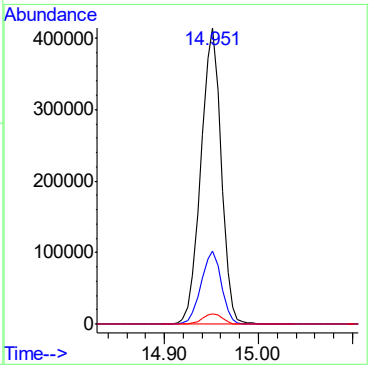


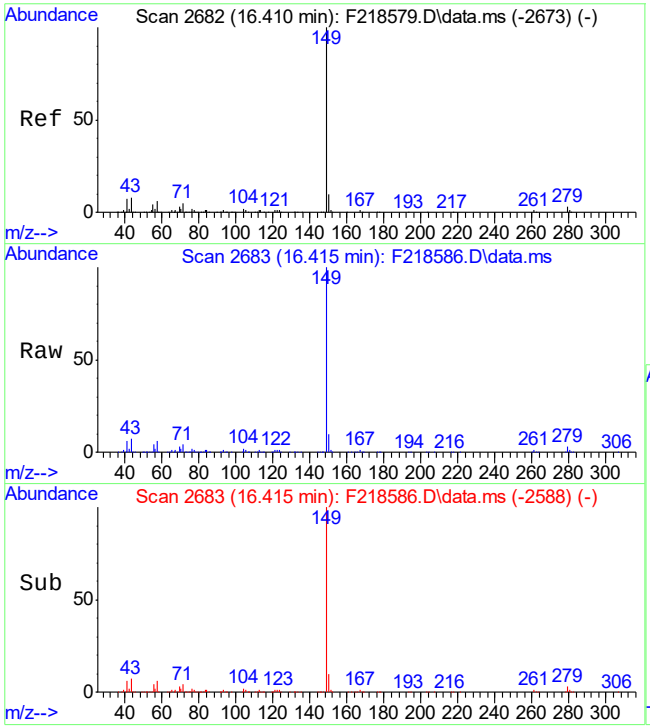


#91
bis(2-Ethylhexyl)phthalate
Concen: 107.51 ppm
RT: 14.951 min Scan# 2409
Delta R.T. 0.000 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:149 Resp: 618485

Ion	Ratio	Lower	Upper
149	100		
167	24.8	0.0	55.1
279	3.5	0.0	33.8

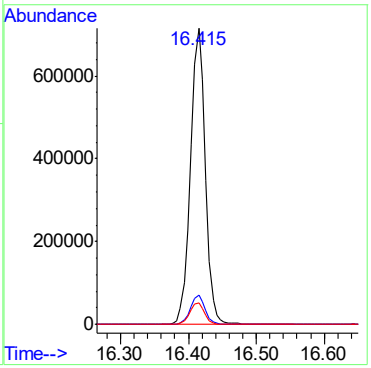


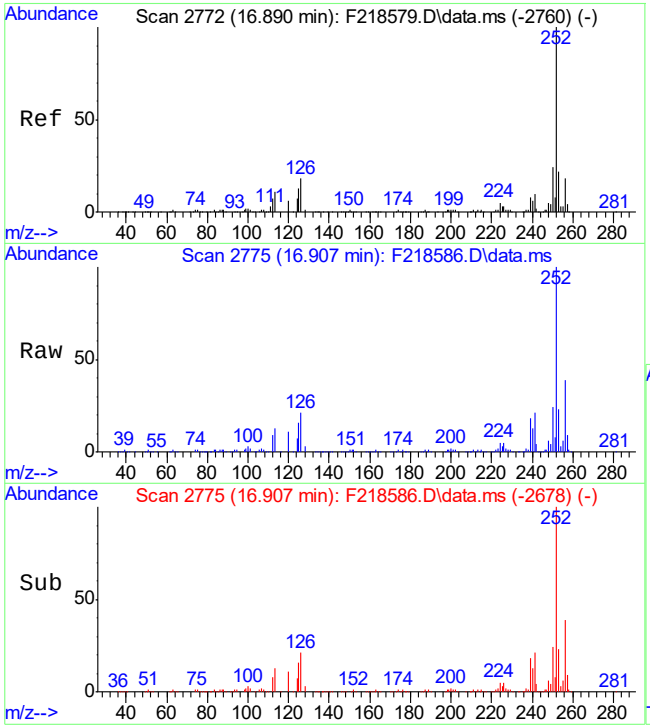


#93
Di-n-octylphthalate
Concen: 104.41 ppm
RT: 16.415 min Scan# 2683
Delta R.T. 0.005 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:149 Resp: 1078685

Ion	Ratio	Lower	Upper
149	100		
150	9.8	0.0	39.5
43	7.1	0.0	37.6

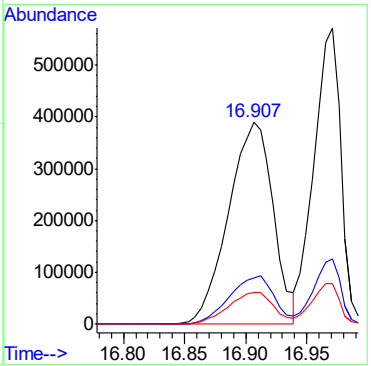


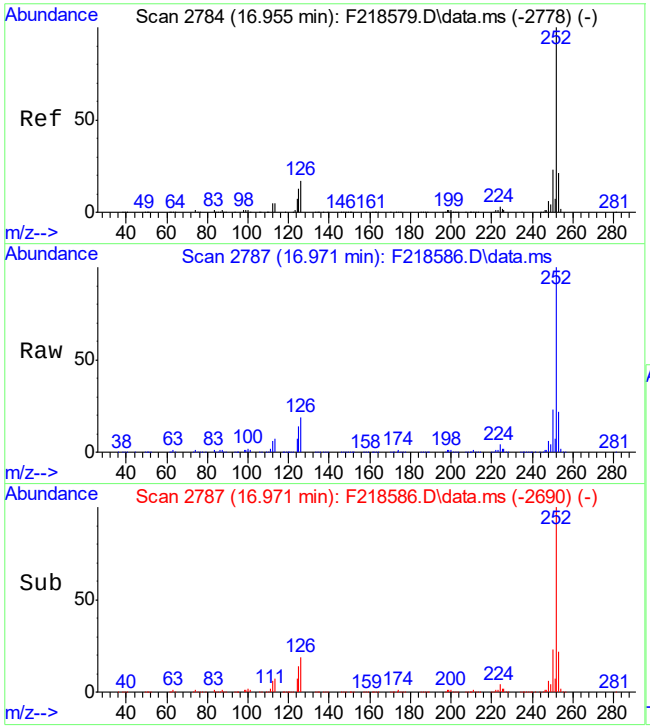


#94
Benzo[b]fluoranthene
Concen: 106.24 ppm
RT: 16.907 min Scan# 2775
Delta R.T. 0.016 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:252 Resp: 995039

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	51.6
125	15.6	0.0	43.1

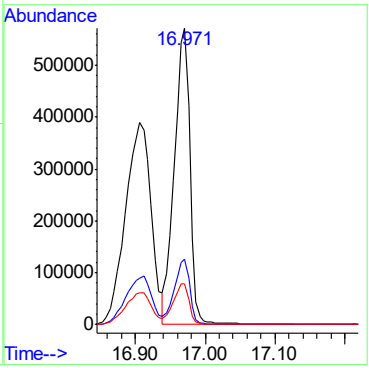


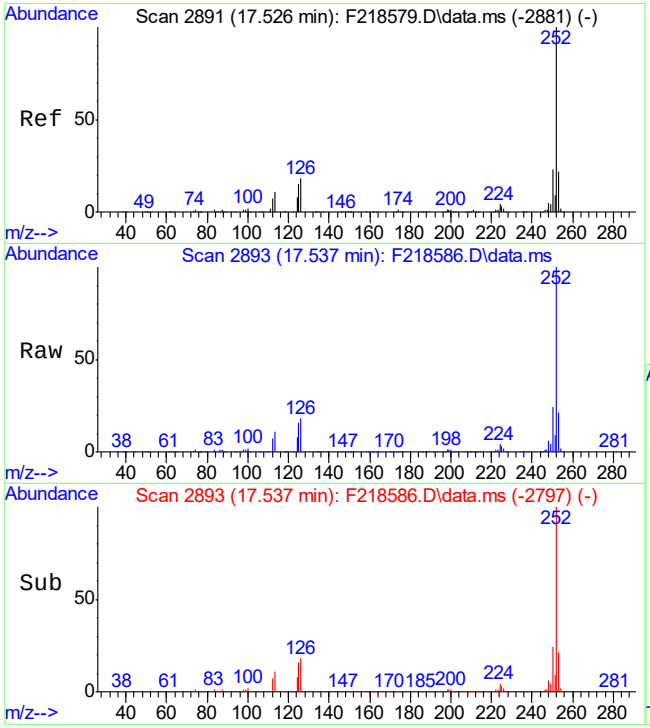


#95
Benzo[k]fluoranthene
Concen: 103.27 ppm
RT: 16.971 min Scan# 2787
Delta R.T. 0.016 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:252 Resp: 886947

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	51.4
125	13.3	0.0	43.5

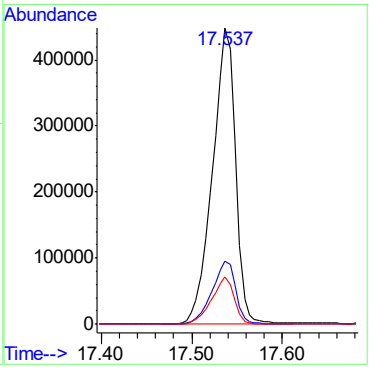


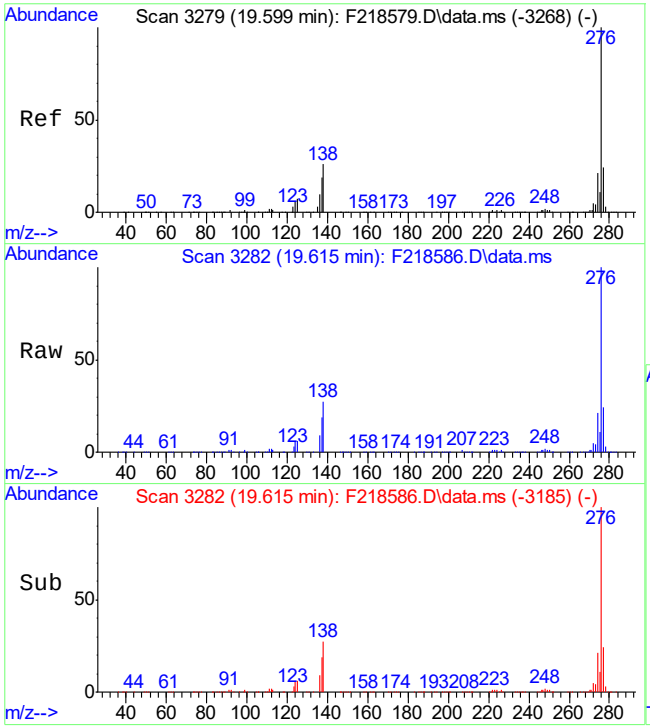


#96
Benzo[a]pyrene
Concen: 104.04 ppm
RT: 17.537 min Scan# 2893
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:252 Resp: 790457

Ion	Ratio	Lower	Upper
252	100		
253	21.4	0.0	51.8
125	15.9	0.0	45.1

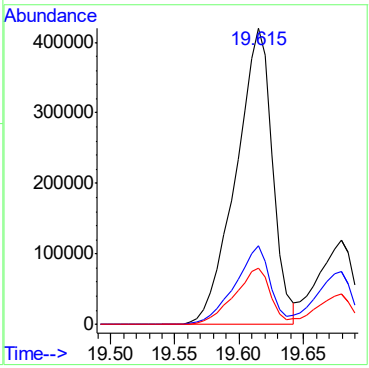


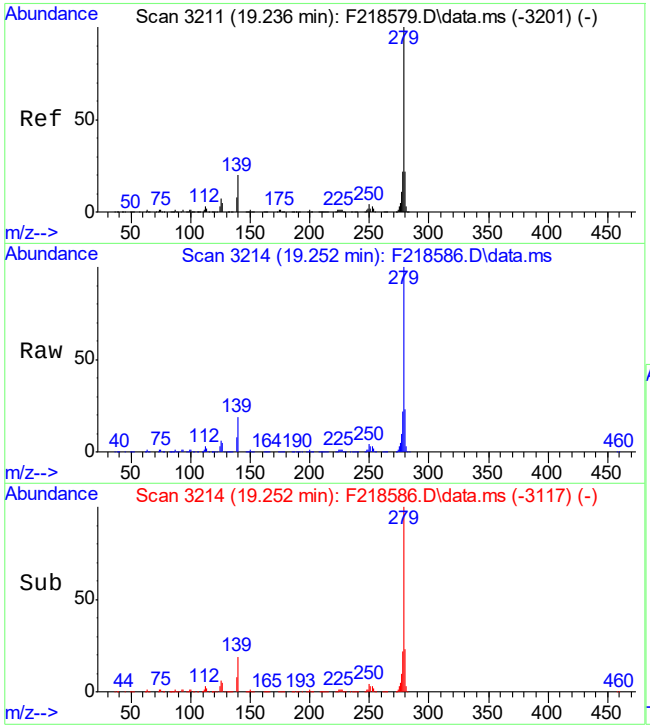


#97
Indeno[1,2,3-cd]pyrene
Concen: 103.97 ppm
RT: 19.615 min Scan# 3282
Delta R.T. 0.016 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:276 Resp: 829614

Ion	Ratio	Lower	Upper
276	100		
138	26.0	0.0	55.9
137	18.8	0.0	49.3

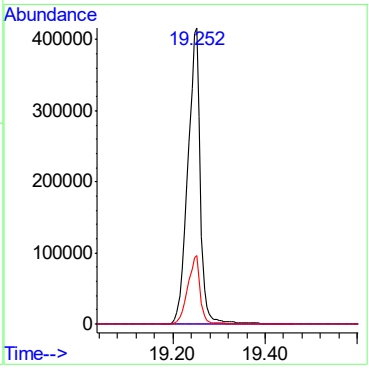


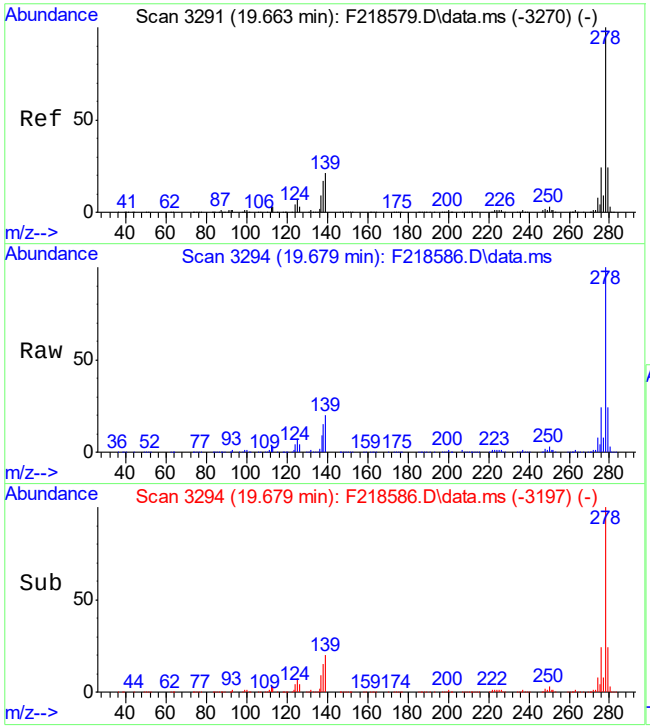


#98
Dibenz(a,h)acridine
Concen: 105.24 ppm
RT: 19.252 min Scan# 3214
Delta R.T. 0.016 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:279 Resp: 787582

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	23.0	0.0	52.5

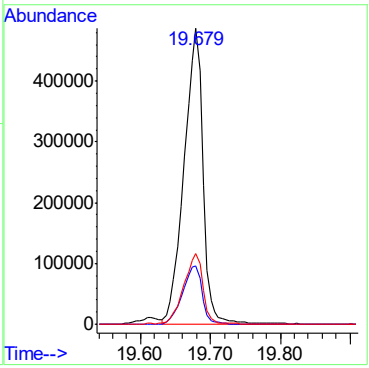


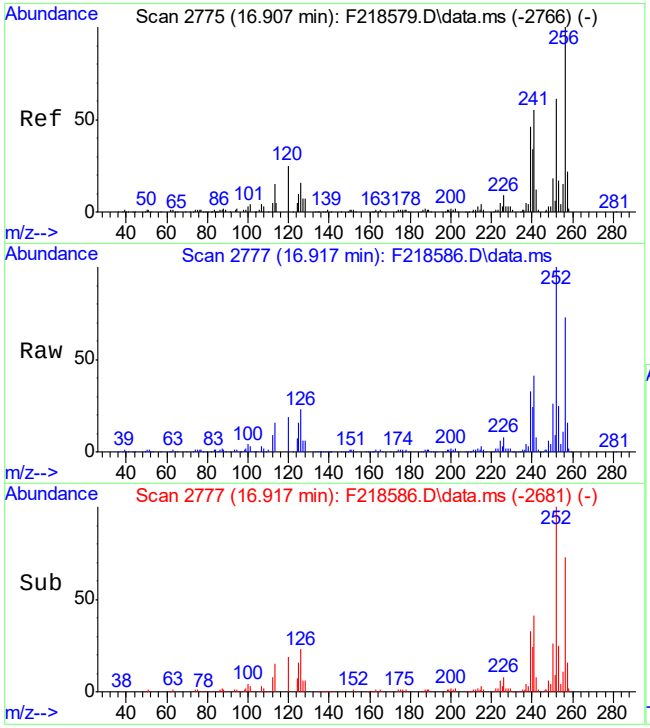


#99
Dibenz[a,h]anthracene
Concen: 100.03 ppm
RT: 19.679 min Scan# 3294
Delta R.T. 0.016 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:278 Resp: 922231

Ion	Ratio	Lower	Upper
278	100		
139	20.1	0.0	50.6
279	24.0	0.0	53.9

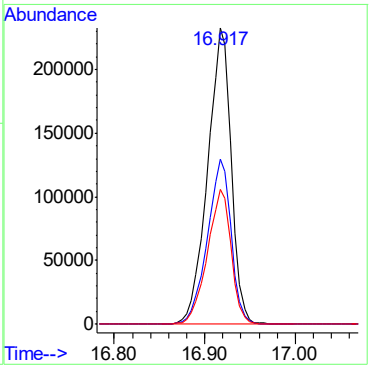


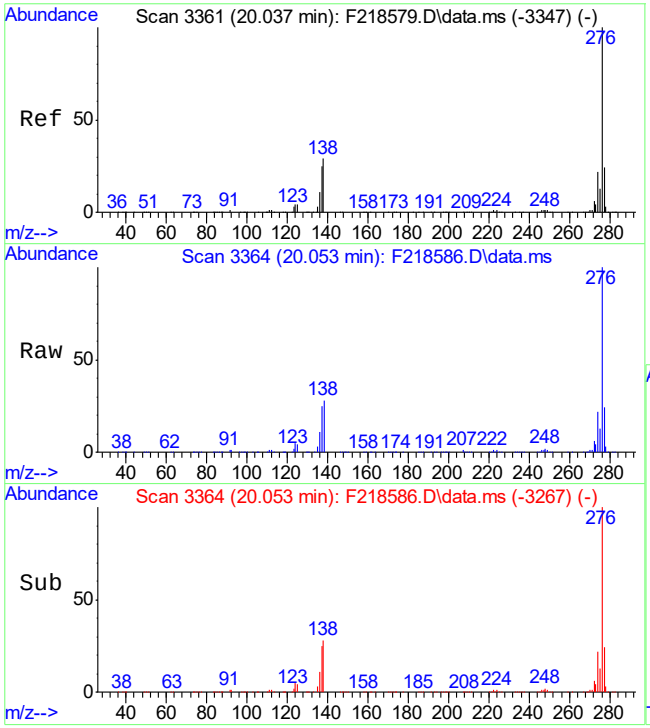


#100
7,12-Dimethylbenz(a)anthracene
Concen: 103.32 ppm
RT: 16.917 min Scan# 2777
Delta R.T. 0.011 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:256 Resp: 417656

Ion	Ratio	Lower	Upper
256	100		
241	55.7	24.8	84.8
239	45.5	16.4	76.4

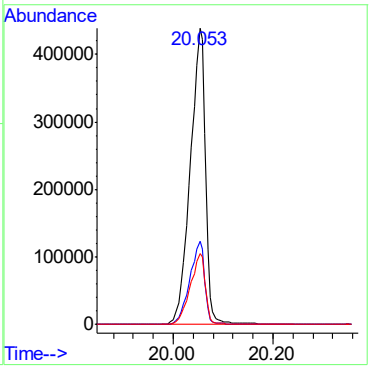




#101
Benzo[g,h,i]perylene
Concen: 102.23 ppm
RT: 20.053 min Scan# 3364
Delta R.T. 0.016 min
Lab File: F218586.D
Acq: 24 Jan 2024 2:44 pm

Tgt Ion:276 Resp: 928206

Ion	Ratio	Lower	Upper
276	100		
138	28.0	0.0	58.6
277	23.8	0.0	53.9



7.6.34

7

Manual Integration Approval Summary

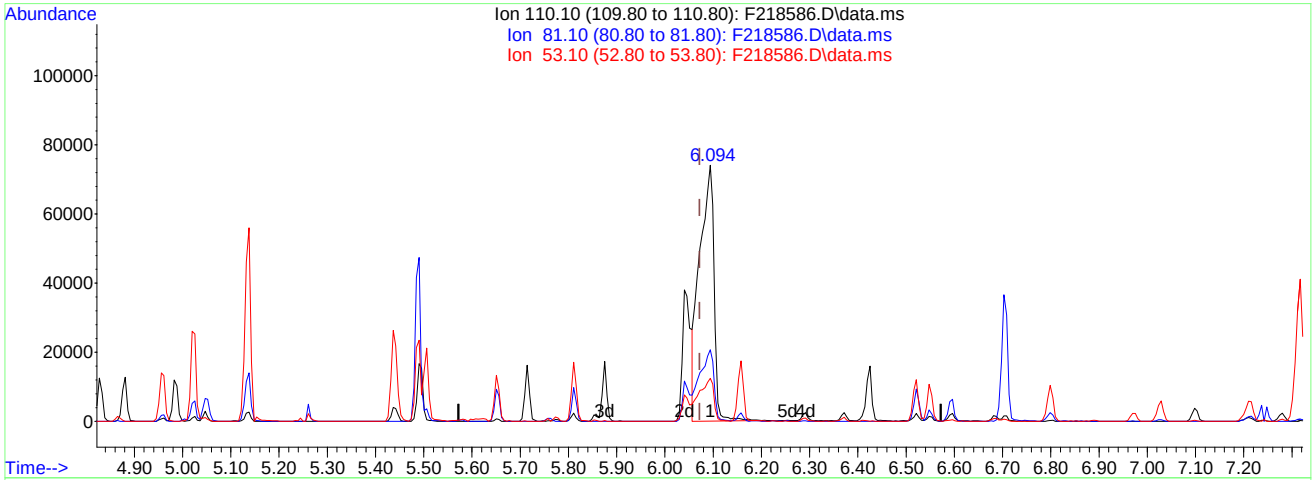
Sample Number: EF9690-IC9690
Lab FileID: F218586.D
Injection Time: 01/24/24 14:44
Method: SW846 8270E
Analyst approved: 01/25/24 11:22 Ying Li
Supervisor approved: 01/29/24 19:23 Nina Pandya

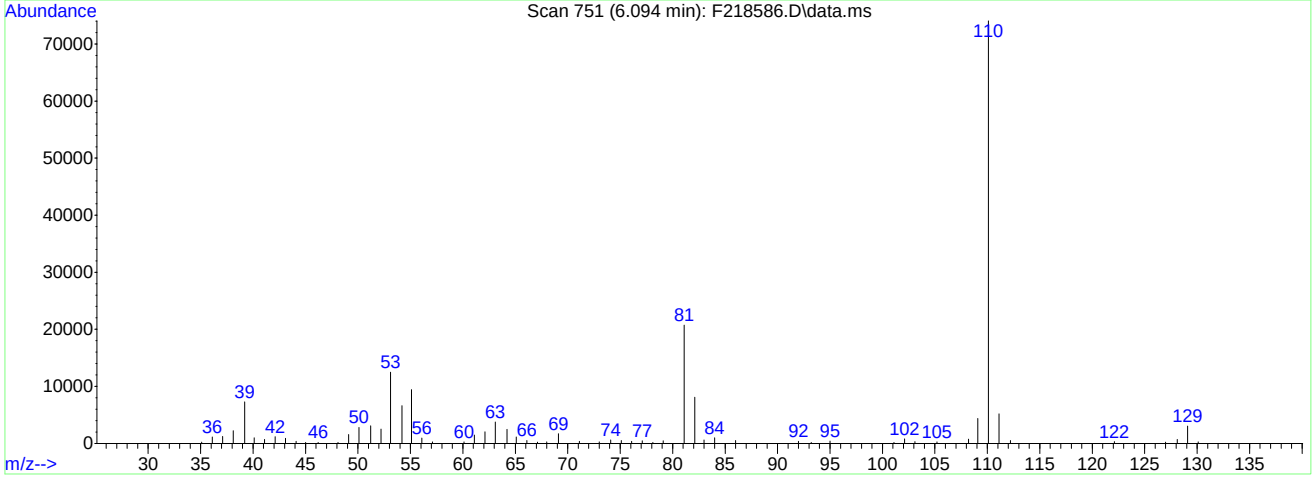
Parameter	CAS	Sig#	R.T. (min.)	Reason
Hydroquinone	123-31-9		6.09	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218586.D
Acq On : 24 Jan 2024 2:44 pm
Operator : ninap
Sample : ic9690-100
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 25 10:17:10 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration





TIC: F218586.D\data.ms

(41) Hydroquinone (t)

6.094min (+0.022) 78.07ppm

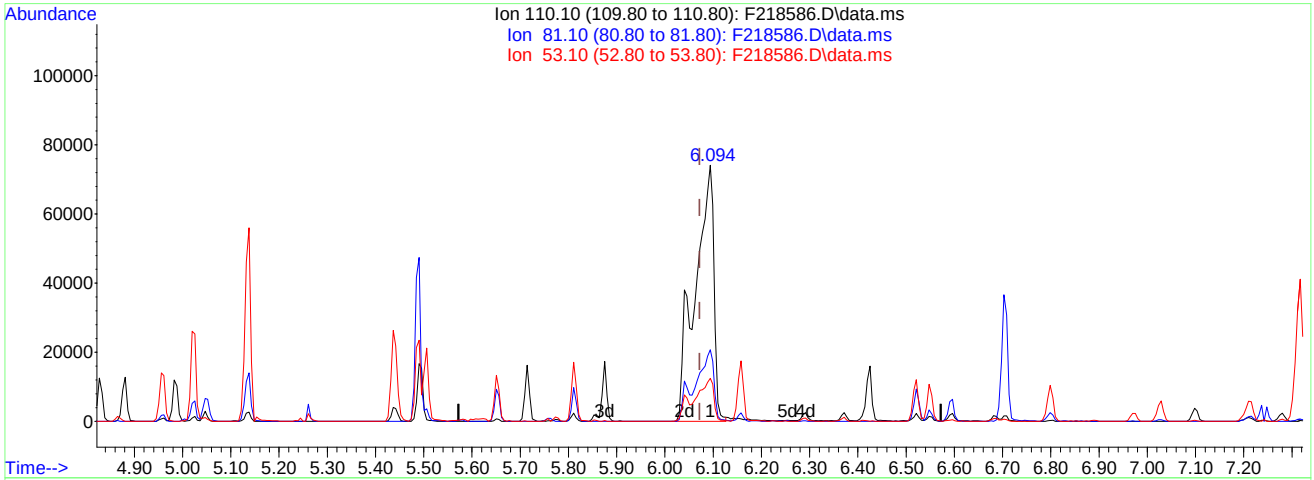
response 154615

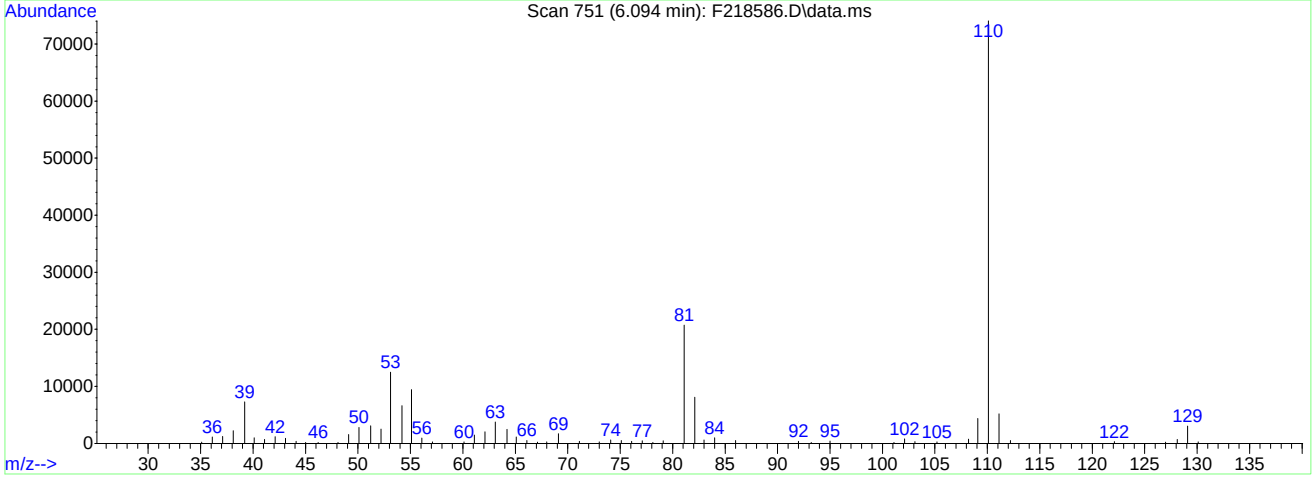
Ion	Exp%	Act%
110.10	100	100
81.10	29.90	27.95
53.10	17.70	16.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218586.D
Acq On : 24 Jan 2024 2:44 pm
Operator : ninap
Sample : ic9690-100
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 25 10:17:10 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:04:12 2024
Response via : Initial Calibration





TIC: F218586.D\data.ms

(41) Hydroquinone (t)

6.094min (+0.022) 101.19ppm m

response 200413

Ion	Exp%	Act%
110.10	100	100
81.10	29.90	27.99
53.10	17.70	16.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218587.D
Acq On : 24 Jan 2024 3:10 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 25 10:53:56 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	90768	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	356353	40.00	ppm	0.00
46) Acenaphthene-d10	7.242	164	198730	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	369330	40.00	ppm	0.00
83) Chrysene-d12	14.583	240	338971	40.00	ppm	0.00
92) Perylene-d12	17.644	264	385408	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	90768	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	356353	40.00	ppm	0.00
121) Acenaphthene-d10A	7.242	164	198730	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	369330	40.00	ppm	0.00
147) Chrysene-d12A	14.583	240	338971	40.00	ppm	0.00
154) Perylene-d12A	17.644	264	385408	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	90768	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	369330	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	356353	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	356353	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	90768	40.00	ppm	0.00
169) Chrysene-d12c	14.583	240	338971	40.00	ppm	0.00
171) Chrysene-d12d	14.583	240	338971	40.00	ppm	0.00
173) Naphthalene-d8d	5.757	136	356353	40.00	ppm	0.00
175) Chrysene-d12e	14.583	240	338971	40.00	ppm	0.00
177) Perylene-d12b	17.644	264	385408	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	356353	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.830	88	46412	41.71	ppm	96
6) Indene	5.047	116	221106	47.79	ppm	99
7) Cumene	4.325	105	263610	45.23	ppm	99
11) bis(2-Chloroethyl)ether	4.678	93	115568	46.97	ppm	96
13) Decane	4.742	43	110605	46.42	ppm	97
14) 1,3-Dichlorobenzene	4.828	146	153884	46.73	ppm	98
15) 1,4-Dichlorobenzene	4.881	146	157823	46.21	ppm	99
16) Benzyl alcohol	4.956	108	83634	48.88	ppm	99
17) 1,2-Dichlorobenzene	4.982	146	149842	46.68	ppm	99
18) Acetophenone	5.143	105	179368	46.18	ppm	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218587.D
Acq On : 24 Jan 2024 3:10 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 25 10:53:56 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
20) 2,2'-oxybis(1-Chloropr...	5.047	121	36060	48.62	ppm	#	99
23) Hexachloroethane	5.223	201	53667	47.38	ppm		95
26) Nitrobenzene	5.266	77	127917	47.60	ppm		98
27) Quinoline	6.014	129	262725	48.05	ppm		99
28) Isophorone	5.426	82	233652	47.50	ppm		99
32) bis(2-Chloroethoxy)met...	5.575	93	148488	46.65	ppm		99
35) 1,3,5-Trichlorobenzene	5.490	180	134797	46.13	ppm		99
36) 1,2,4-Trichlorobenzene	5.714	180	128334	46.23	ppm		98
37) 1,2,3-Trichlorobenzene	5.875	180	127213	47.03	ppm		98
38) Naphthalene	5.773	128	414259	46.37	ppm		99
40) 2,3-Dichloroaniline	6.521	161	129660	45.55	ppm		97
42) Hexachlorobutadiene	5.853	225	72840	46.66	ppm		97
44) 2-Methylnaphthalene	6.286	141	239397	46.67	ppm		98
45) 1-Methylnaphthalene	6.371	142	248574	46.43	ppm		98
47) Hexachlorocyclopentadiene	6.414	237	134635	108.17	ppm		98
48) 1,2,4,5-tetrachloroben...	6.420	216	129571	45.65	ppm		100
52) 2-Chloronaphthalene	6.703	162	259666	45.91	ppm		98
53) Biphenyl	6.681	154	332982	45.45	ppm		99
55) Dimethylphthalate	6.964	163	285237	46.17	ppm		99
56) Acenaphthylene	7.098	152	341420	48.77	ppm		99
57) 2,6-Dinitrotoluene	7.023	165	56110	52.27	ppm		97
59) Acenaphthene	7.274	153	288585	46.36	ppm		99
62) Dibenzofuran	7.467	168	364979	45.82	ppm		99
63) 2,4-Dinitrotoluene	7.445	165	73328	47.64	ppm		95
65) Diethylphthalate	7.728	149	294043	47.59	ppm		100
66) Fluorene	7.873	166	295246	47.19	ppm		97
67) 4-Chlorophenyl-phenyle...	7.873	204	138633	47.33	ppm		96
72) 1,2-Diphenylhydrazine	8.076	77	263871	45.82	ppm		100
74) 4-Bromophenyl-phenylether	8.535	248	85360	46.13	ppm		98
75) Hexachlorobenzene	8.610	284	105005	45.13	ppm		97
77) Phenanthrene	9.256	178	429066	45.51	ppm		100
78) Anthracene	9.342	178	430259	46.59	ppm		100
79) Carbazole	9.625	167	399919	47.05	ppm		99
80) Di-n-butylphthalate	10.351	149	508368	48.52	ppm		99
81) Fluoranthene	11.452	202	467474	47.55	ppm		99
82) Octadecane	9.112	57	147955	47.63	ppm		100
85) Pyrene	11.906	202	486315	46.74	ppm		100
87) Butylbenzylphthalate	13.535	149	213594	52.47	ppm		97
88) Benzo[a]anthracene	14.561	228	463657	46.63	ppm		98
90) Chrysene	14.641	228	448211	45.54	ppm		98
91) bis(2-Ethylhexyl)phtha...	14.946	149	324001	52.76	ppm		98
93) Di-n-octylphthalate	16.410	149	559599	49.57	ppm		99
94) Benzo[b]fluoranthene	16.890	252	518473	50.06	ppm		98
95) Benzo[k]fluoranthene	16.954	252	480774	48.11	ppm		99
96) Benzo[a]pyrene	17.526	252	422131	50.40	ppm		99
97) Indeno[1,2,3-cd]pyrene	19.599	276	430843	49.59	ppm		99
98) Dibenz(a,h)acridine	19.236	279	414571	51.50	ppm		100
99) Dibenz[a,h]anthracene	19.668	278	493576	50.21	ppm		99
100) 7,12-Dimethylbenz(a)an...	16.906	256	202262	52.56	ppm		99
101) Benzo[g,h,i]perylene	20.037	276	501761	49.04	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218587.D
Acq On : 24 Jan 2024 3:10 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 25 10:53:56 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration

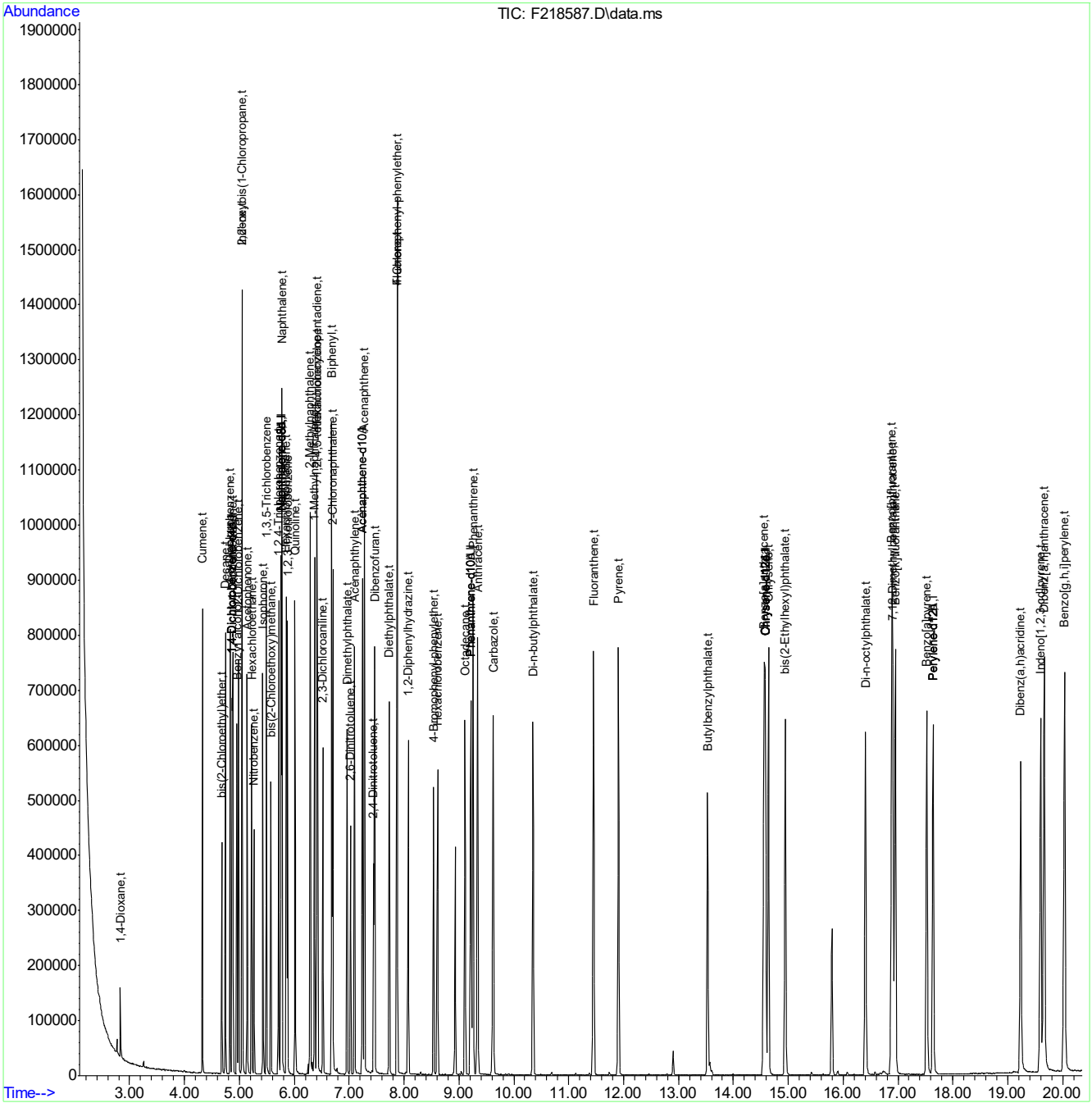
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

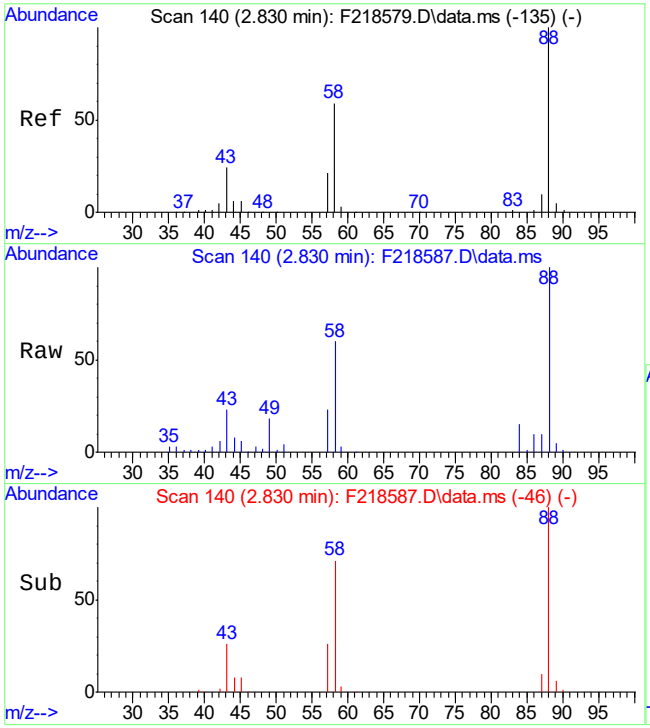
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218587.D
Acq On : 24 Jan 2024 3:10 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 25 10:53:56 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration

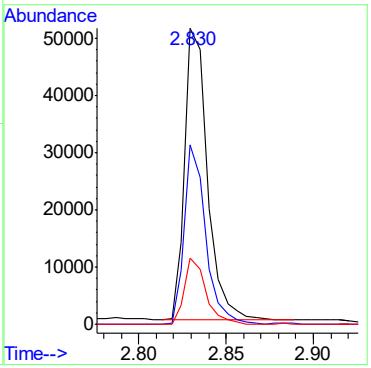


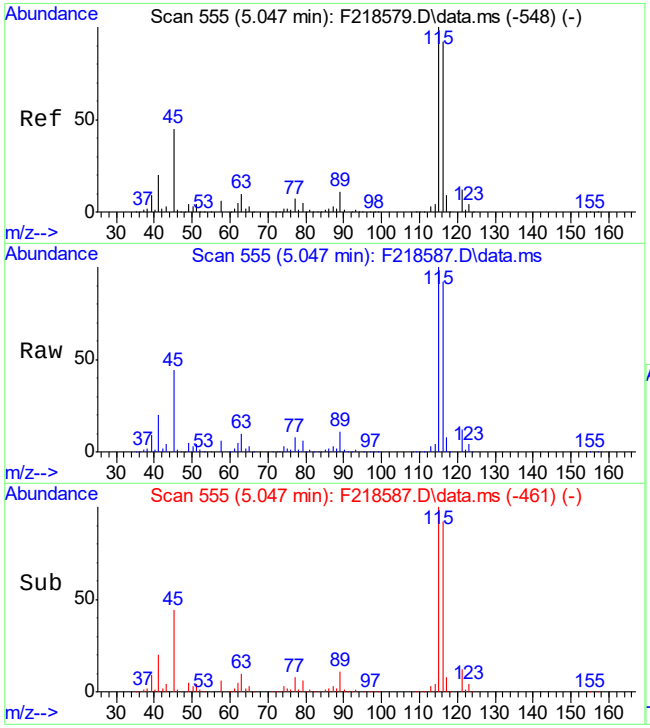


#2
1,4-Dioxane
Concen: 41.71 ppm
RT: 2.830 min Scan# 140
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion: 88 Resp: 46412

Ion	Ratio	Lower	Upper
88	100		
58	61.1	28.2	88.2
57	22.8	0.0	50.8

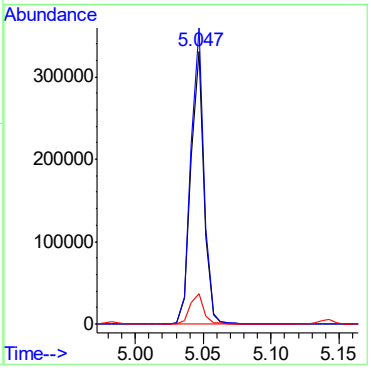


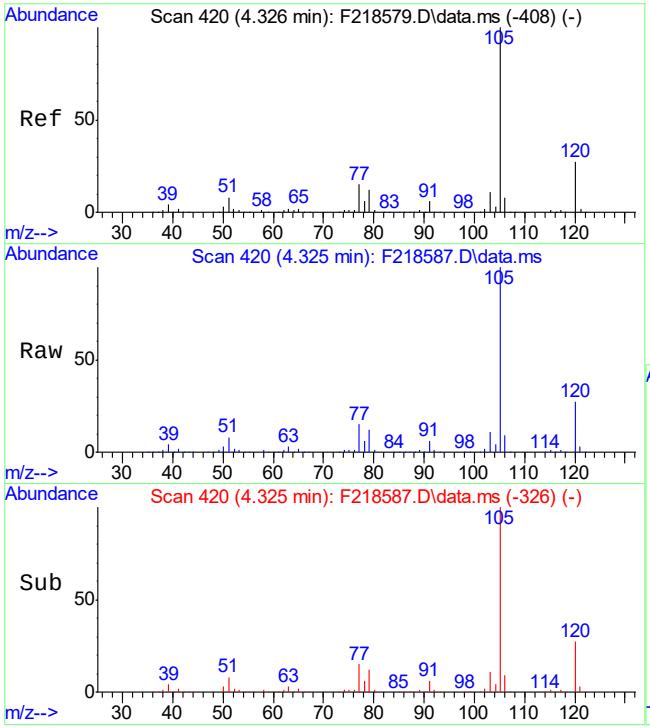


#6
Indene
Concen: 47.79 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:116 Resp: 221106

Ion	Ratio	Lower	Upper
116	100		
115	108.5	79.0	139.0
63	11.1	0.0	39.1

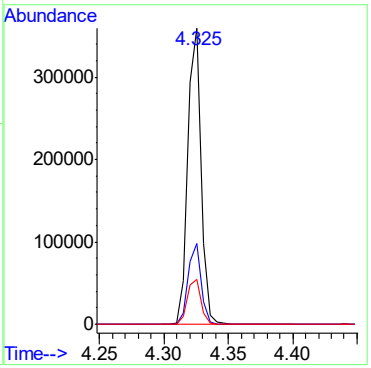


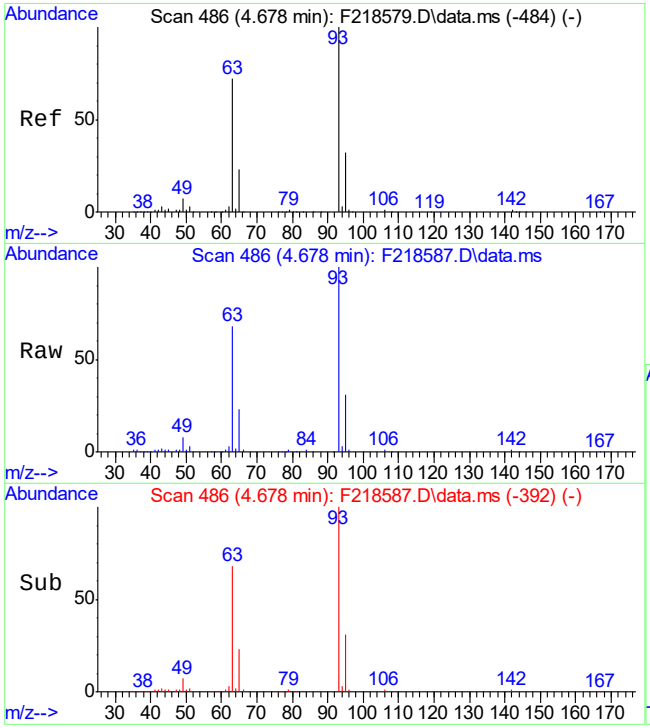


#7
Cumene
Concen: 45.23 ppm
RT: 4.325 min Scan# 420
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:105 Resp: 263610

Ion	Ratio	Lower	Upper
105	100		
120	27.2	0.0	56.8
77	15.0	0.0	44.8

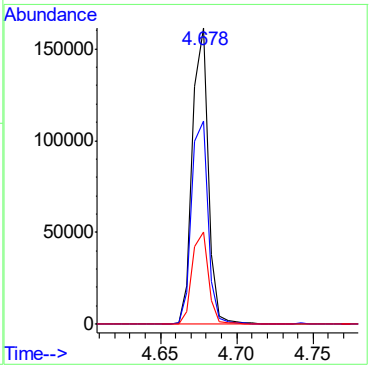


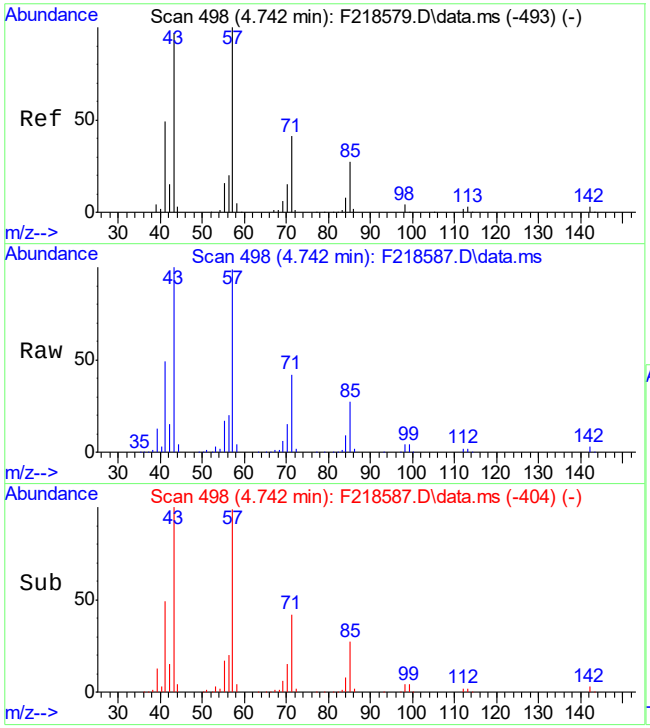


#11
bis(2-Chloroethyl)ether
Concen: 46.97 ppm
RT: 4.678 min Scan# 486
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion: 93 Resp: 115568

Ion	Ratio	Lower	Upper
93	100		
63	68.4	42.5	102.5
95	31.2	2.4	62.4

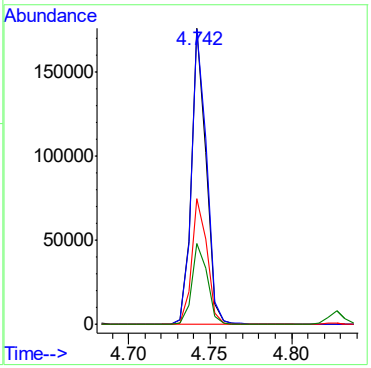


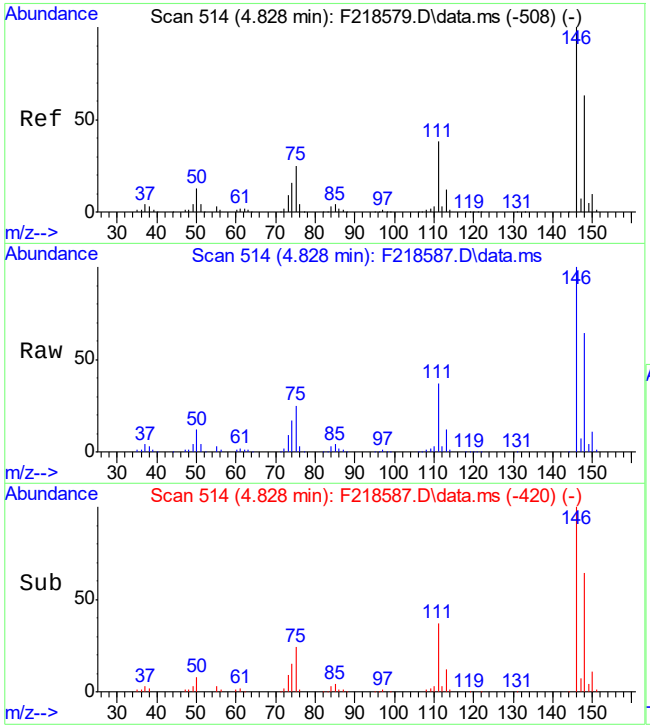


#13
Decane
Concen: 46.42 ppm
RT: 4.742 min Scan# 498
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion: 43 Resp: 110605

Ion	Ratio	Lower	Upper
43	100		
57	99.5	73.2	133.2
71	42.3	13.0	73.0
85	27.4	0.0	58.3

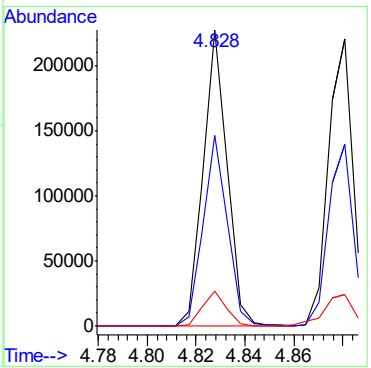


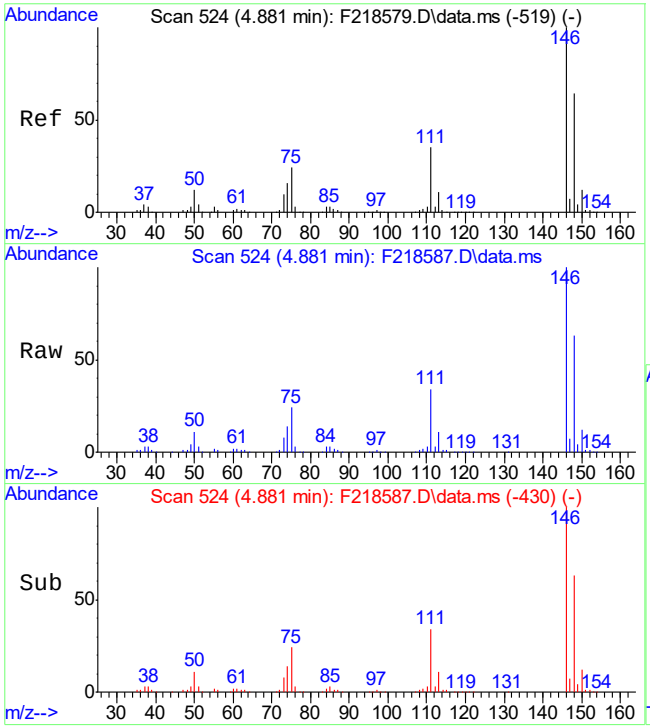


#14
1,3-Dichlorobenzene
Concen: 46.73 ppm
RT: 4.828 min Scan# 514
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:146 Resp: 153884

Ion	Ratio	Lower	Upper
146	100		
148	64.3	32.8	92.8
113	11.7	0.0	41.8

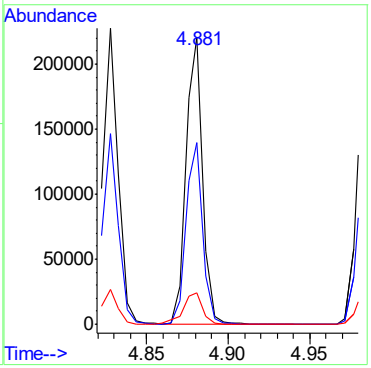


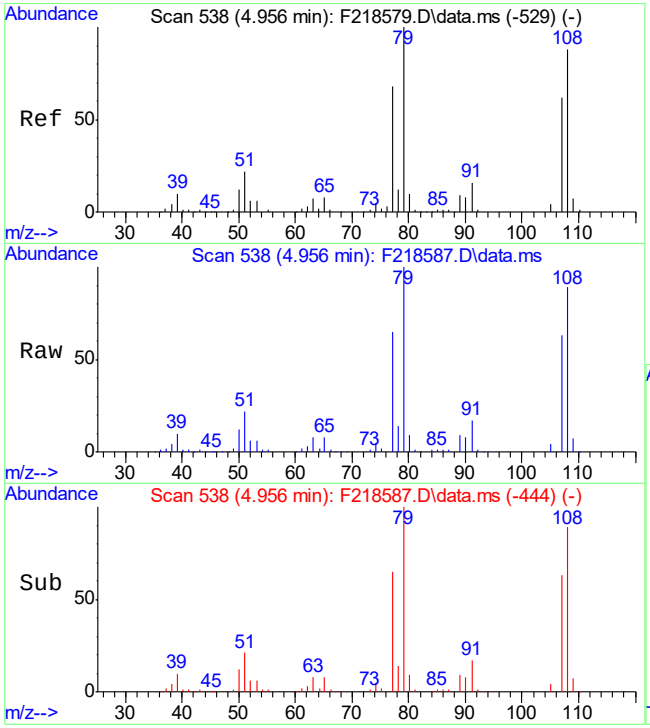


#15
1,4-Dichlorobenzene
Concen: 46.21 ppm
RT: 4.881 min Scan# 524
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:146 Resp: 157823

Ion	Ratio	Lower	Upper
146	100		
148	63.2	33.9	93.9
113	11.0	0.0	41.1

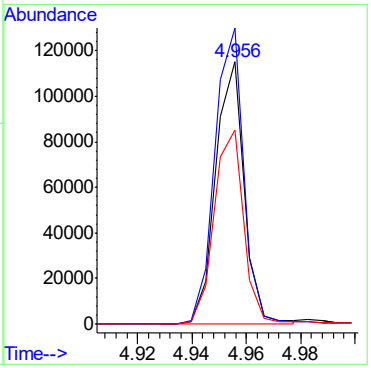


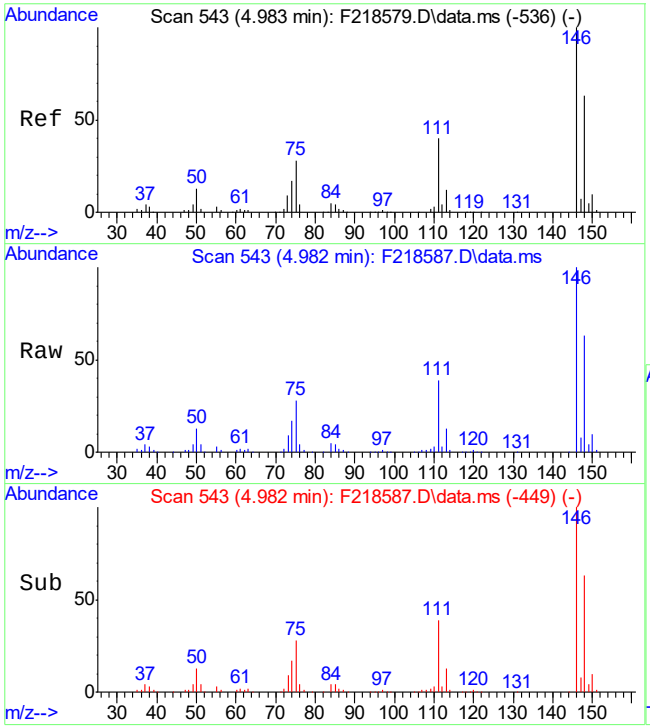


#16
Benzyl alcohol
Concen: 48.88 ppm
RT: 4.956 min Scan# 538
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:108 Resp: 83634

Ion	Ratio	Lower	Upper
108	100		
79	113.1	83.1	143.1
77	73.8	46.8	106.8

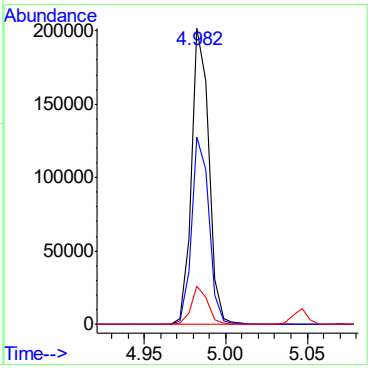


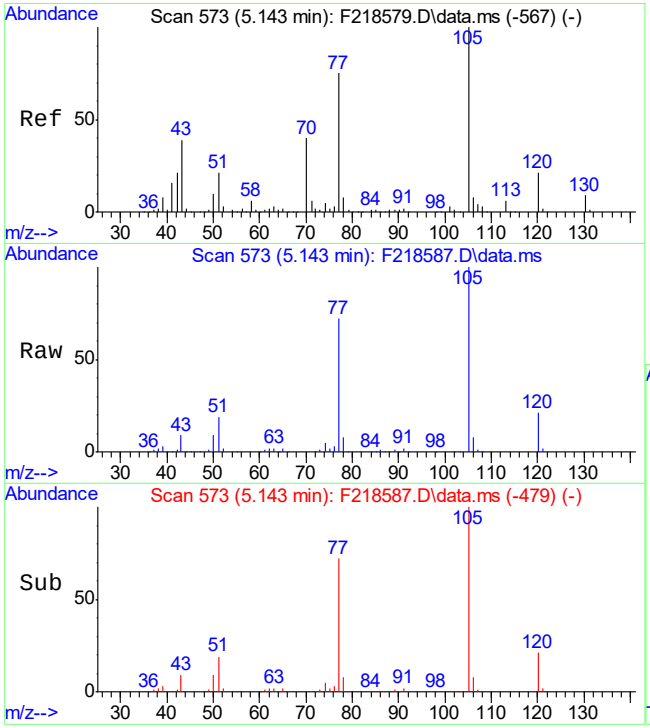


#17
1,2-Dichlorobenzene
Concen: 46.68 ppm
RT: 4.982 min Scan# 543
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:146 Resp: 149842

Ion	Ratio	Lower	Upper
146	100		
148	63.4	32.7	92.7
113	11.3	0.0	41.4

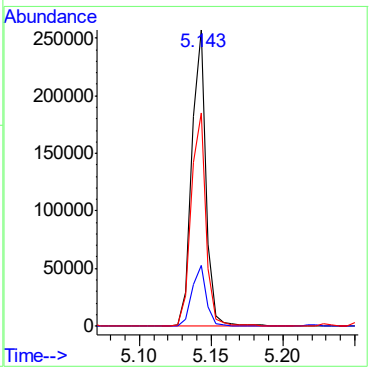


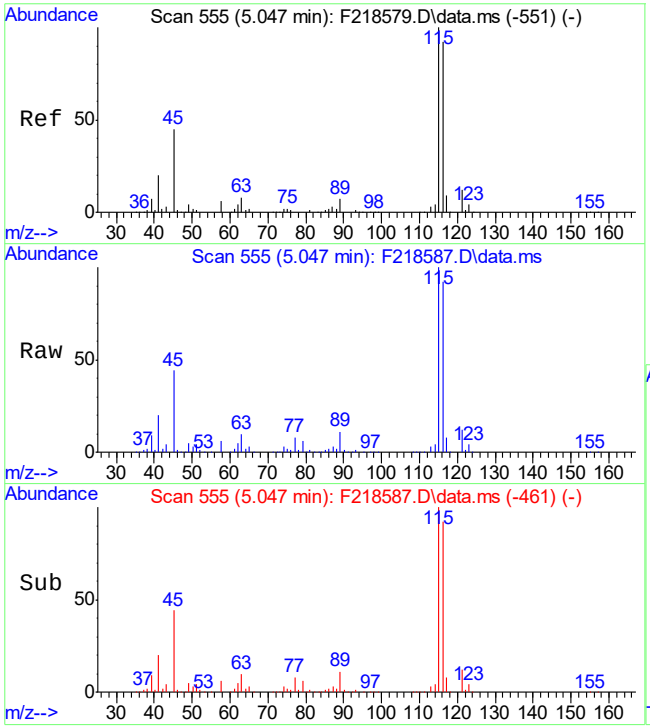


#18
Acetophenone
Concen: 46.18 ppm
RT: 5.143 min Scan# 573
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:105 Resp: 179368

Ion	Ratio	Lower	Upper
105	100		
120	20.6	0.0	50.5
77	72.0	45.3	105.3

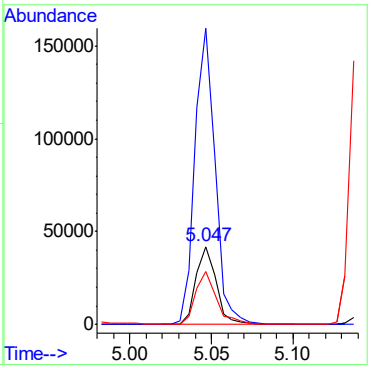


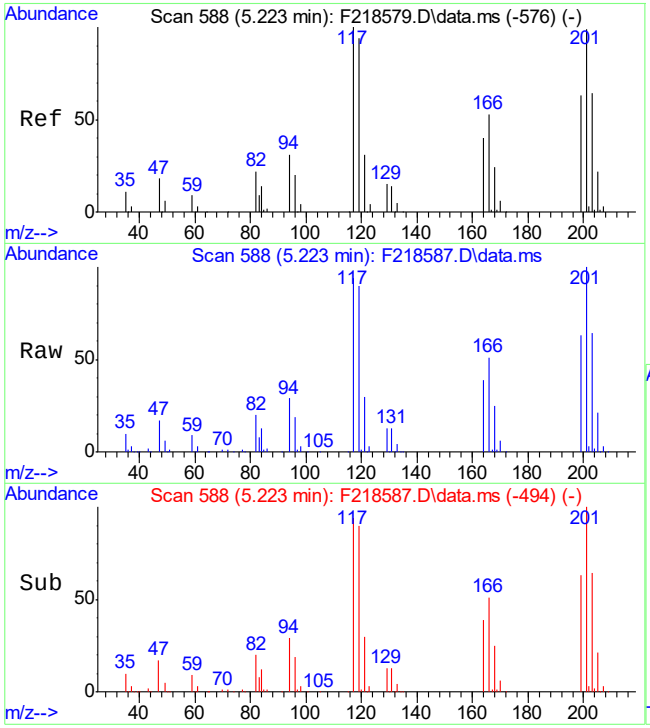


#20
2,2'-oxybis(1-Chloropropane
Concen: 48.62 ppm
RT: 5.047 min Scan# 555
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:121 Resp: 36060

Ion	Ratio	Lower	Upper
121	100		
45	380.0	351.3	411.3
77	67.3	0.0	30.0#

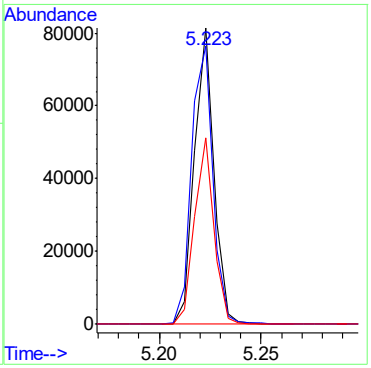


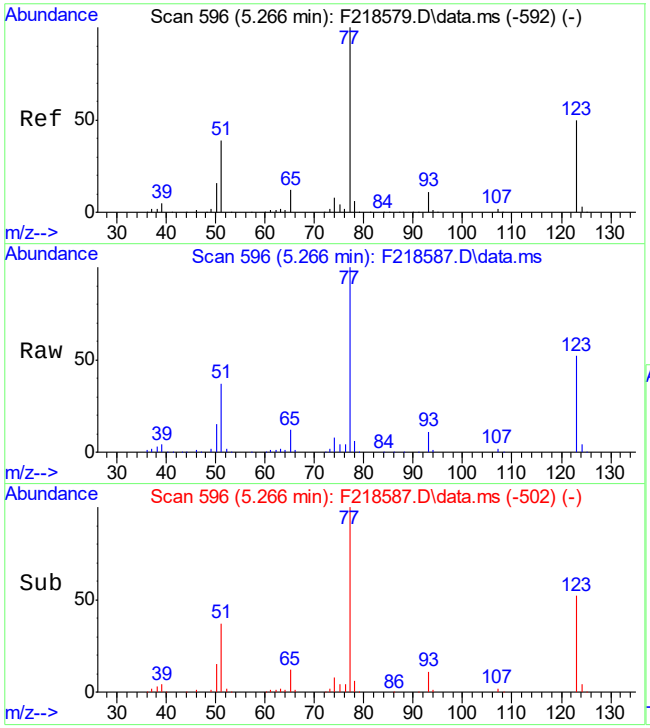


#23
Hexachloroethane
Concen: 47.38 ppm
RT: 5.223 min Scan# 588
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:201 Resp: 53667

Ion	Ratio	Lower	Upper
201	100		
117	93.8	70.8	130.8
199	63.0	33.7	93.7

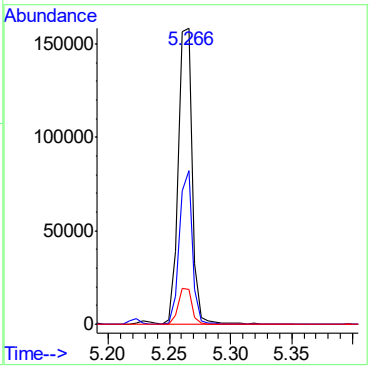


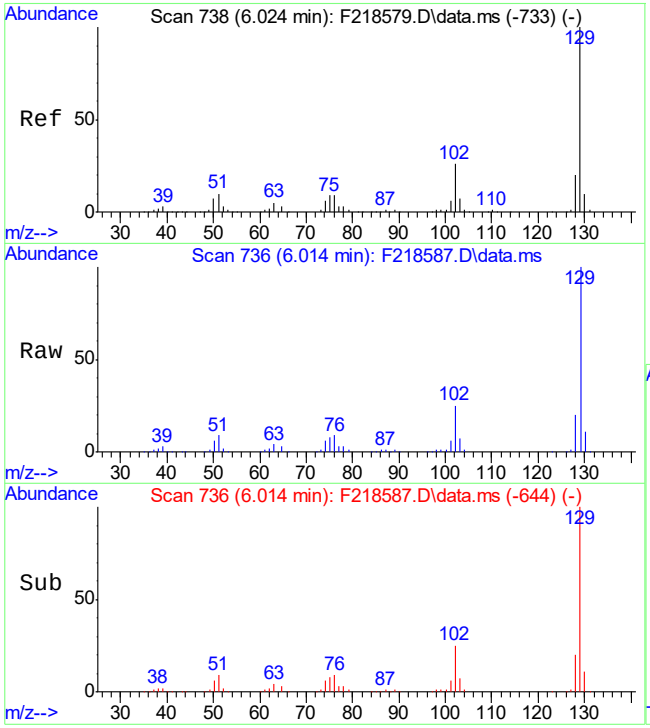


#26
Nitrobenzene
Concen: 47.60 ppm
RT: 5.266 min Scan# 596
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion: 77 Resp: 127917

Ion	Ratio	Lower	Upper
77	100		
123	52.0	20.4	80.4
65	12.0	0.0	41.9

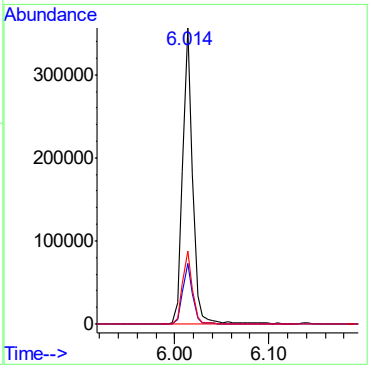


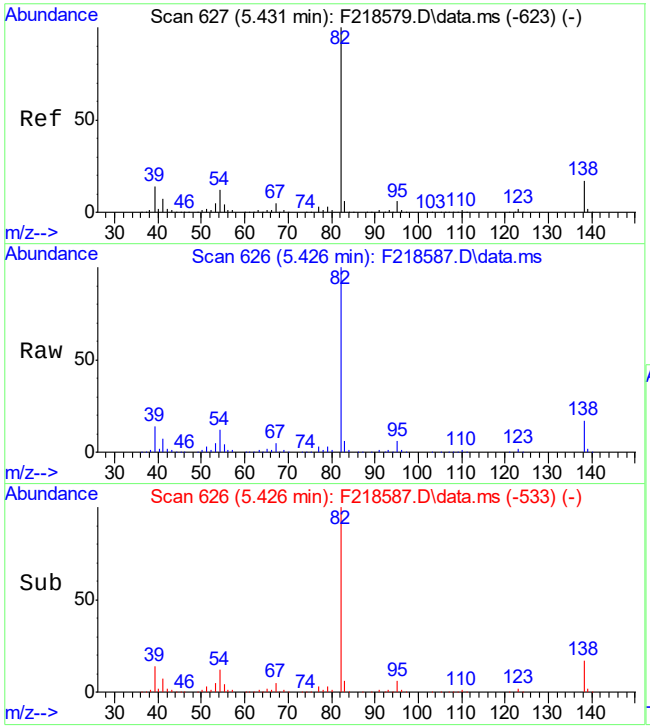


#27
Quinoline
Concen: 48.05 ppm
RT: 6.014 min Scan# 736
Delta R.T. -0.011 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:129 Resp: 262725

Ion	Ratio	Lower	Upper
129	100		
128	20.4	0.0	50.3
102	24.7	0.0	55.9

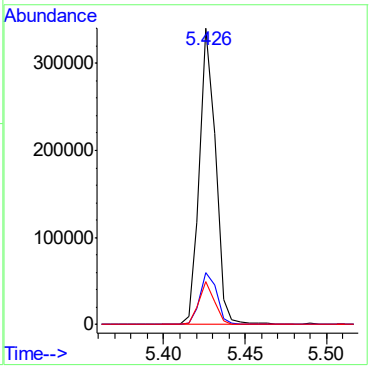


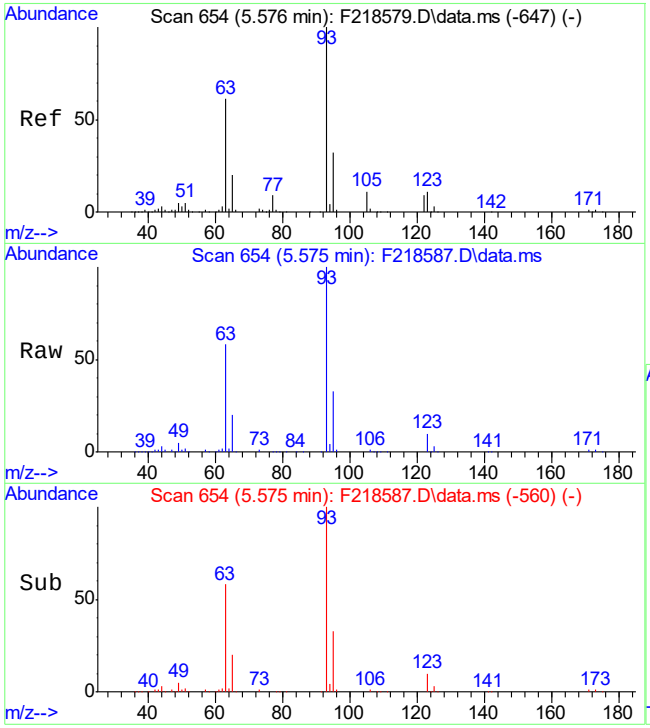


#28
Isophorone
Concen: 47.50 ppm
RT: 5.426 min Scan# 626
Delta R.T. -0.005 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion: 82 Resp: 233652

Ion	Ratio	Lower	Upper
82	100		
138	17.5	0.0	47.1
39	14.3	0.0	44.0

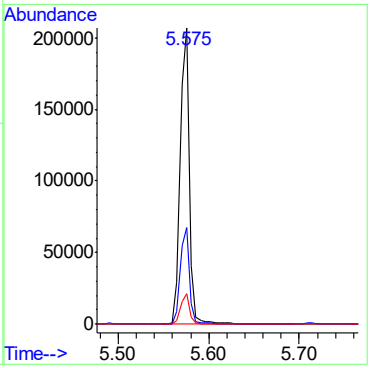


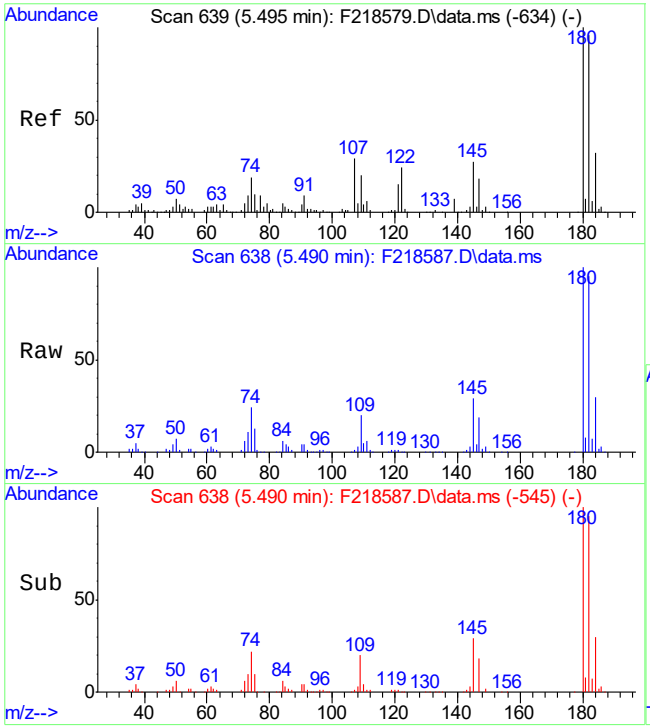


#32
bis(2-Chloroethoxy)methane
Concen: 46.65 ppm
RT: 5.575 min Scan# 654
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion: 93 Resp: 148488

Ion	Ratio	Lower	Upper
93	100		
95	32.7	2.5	62.5
123	10.2	0.0	41.2

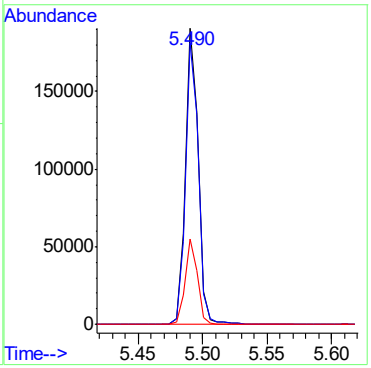


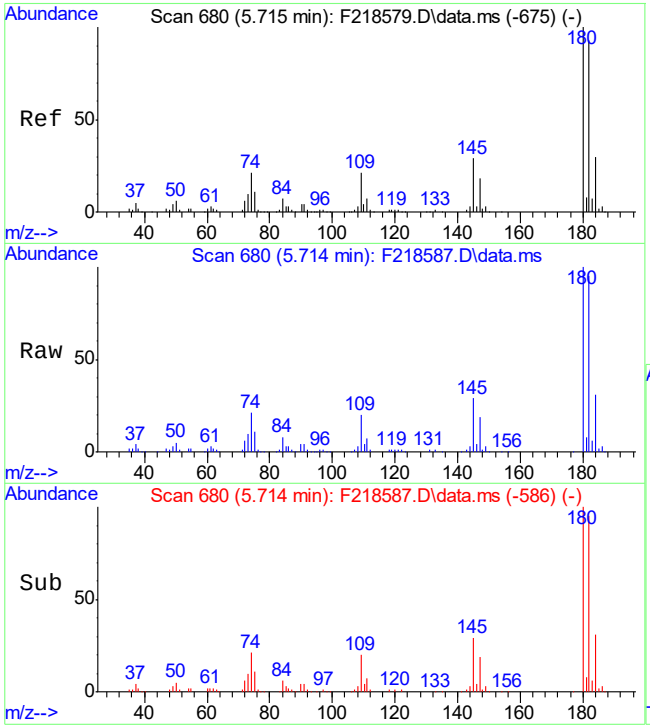


#35
1,3,5-Trichlorobenzene
Concen: 46.13 ppm
RT: 5.490 min Scan# 638
Delta R.T. -0.005 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:180 Resp: 134797

Ion	Ratio	Lower	Upper
180	100		
182	95.2	66.2	126.2
145	28.7	0.0	57.2

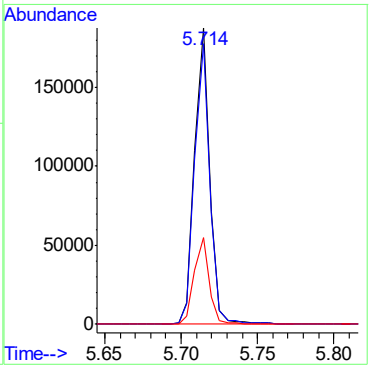


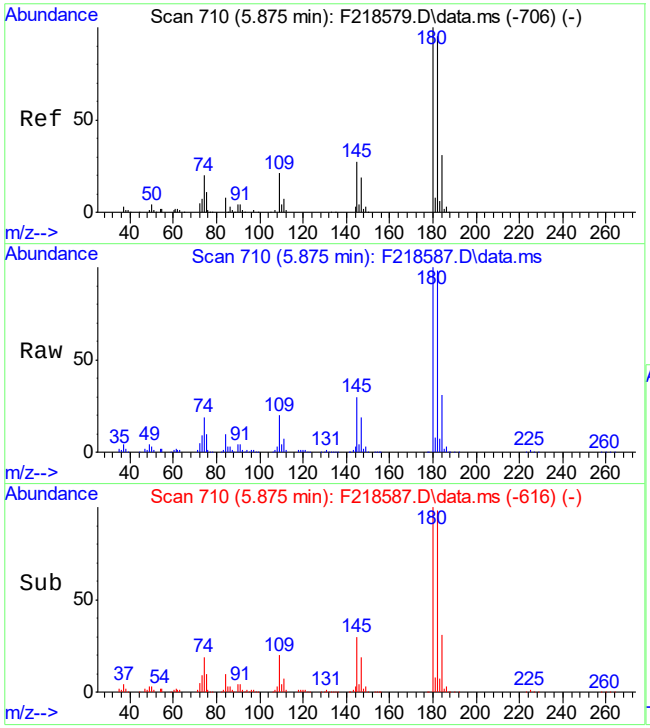


#36
1,2,4-Trichlorobenzene
Concen: 46.23 ppm
RT: 5.714 min Scan# 680
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:180 Resp: 128334

Ion	Ratio	Lower	Upper
180	100		
182	94.7	62.8	122.8
145	29.3	0.0	58.7

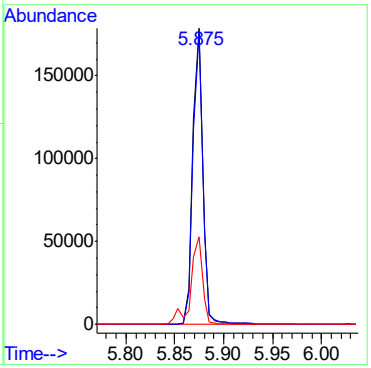


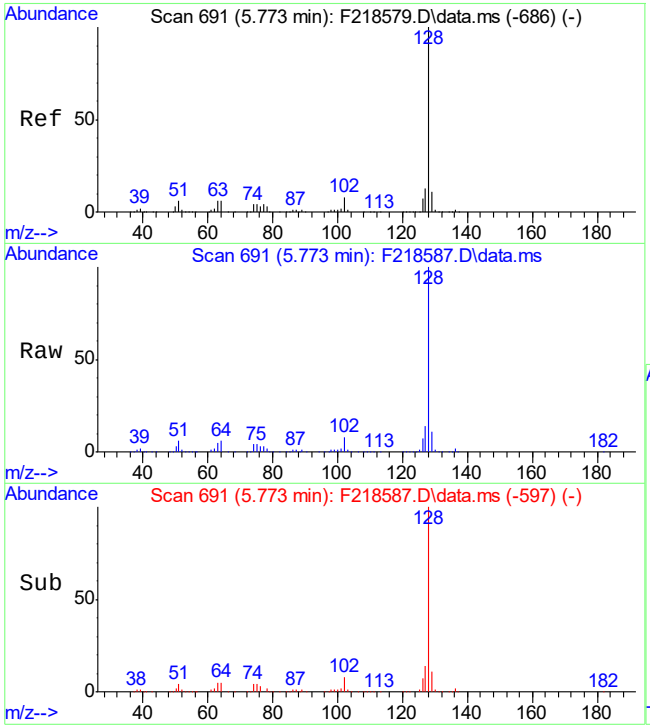


#37
1,2,3-Trichlorobenzene
Concen: 47.03 ppm
RT: 5.875 min Scan# 710
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:180 Resp: 127213

Ion	Ratio	Lower	Upper
180	100		
182	97.9	65.1	125.1
145	29.7	0.0	59.2

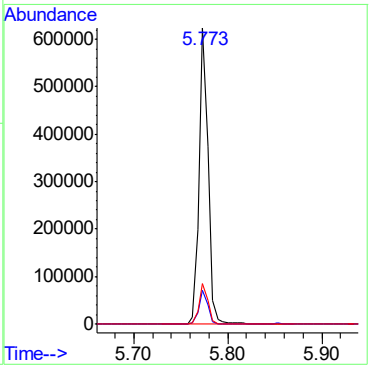


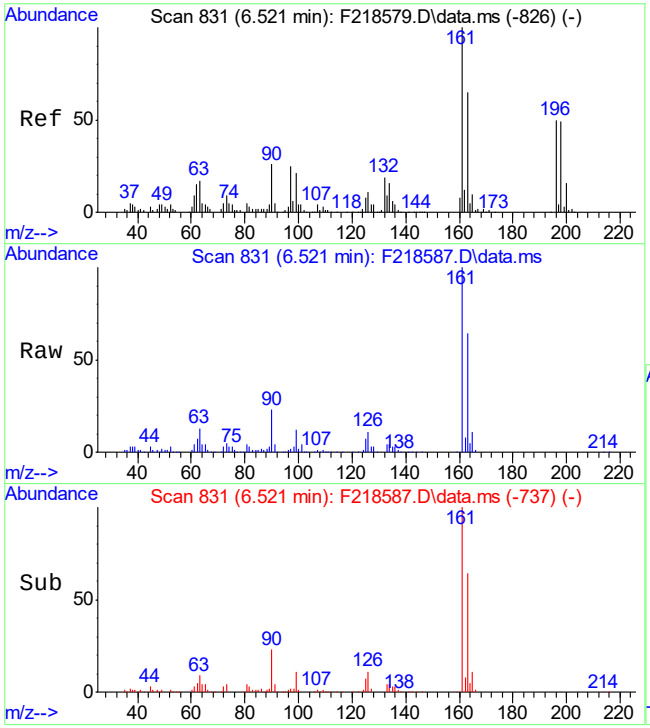


#38
Naphthalene
Concen: 46.37 ppm
RT: 5.773 min Scan# 691
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:128 Resp: 414259

Ion	Ratio	Lower	Upper
128	100		
129	11.4	0.0	41.2
127	13.6	0.0	42.9

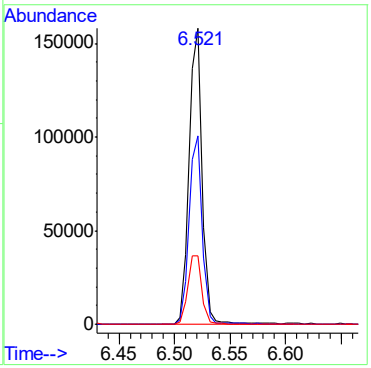


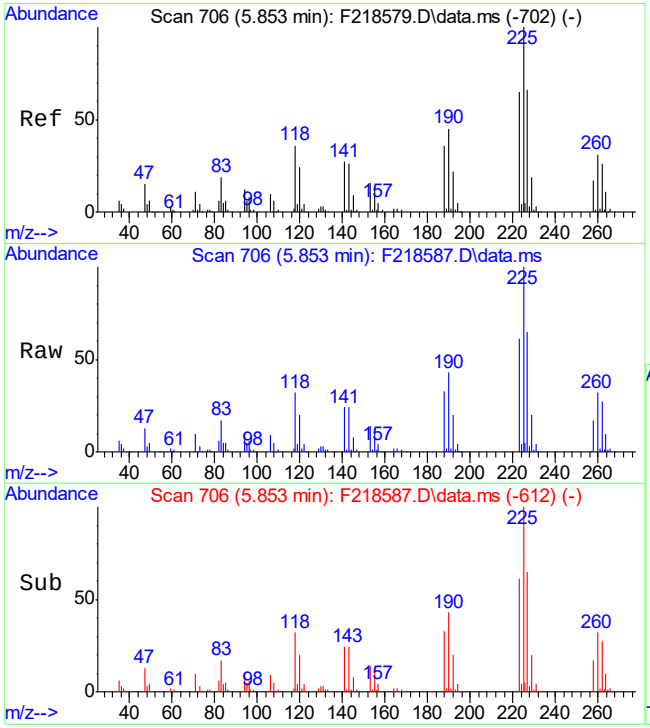


#40
2,3-Dichloroaniline
Concen: 45.55 ppm
RT: 6.521 min Scan# 831
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:161 Resp: 129660

Ion	Ratio	Lower	Upper
161	100		
163	63.7	35.0	95.0
90	23.1	0.0	56.3

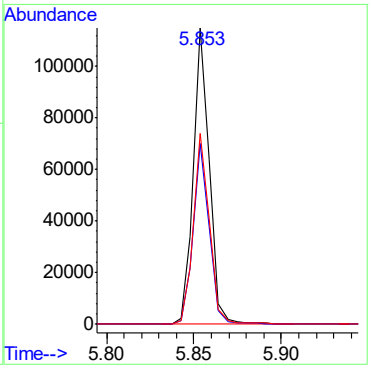


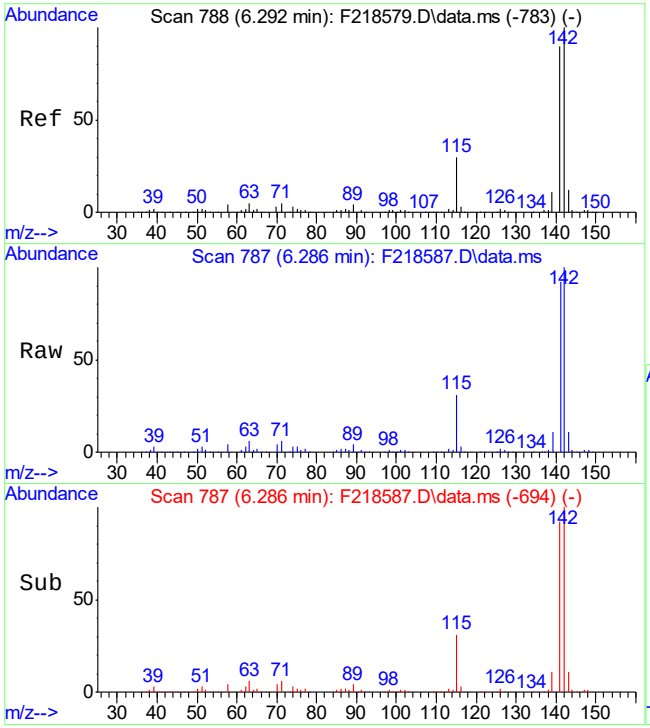


#42
Hexachlorobutadiene
Concen: 46.66 ppm
RT: 5.853 min Scan# 706
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:225 Resp: 72840

Ion	Ratio	Lower	Upper
225	100		
223	60.9	34.5	94.5
227	64.6	35.8	95.8

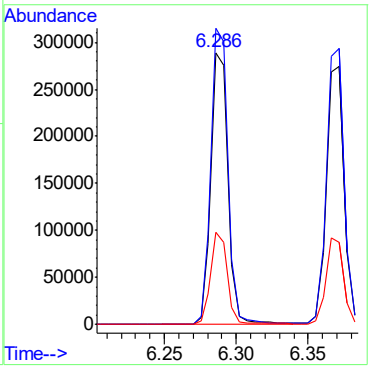


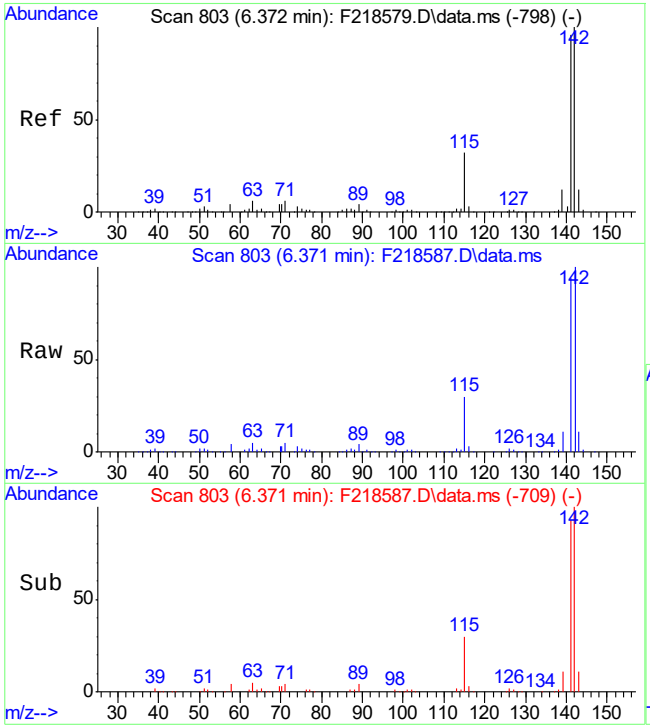


#44
2-Methylnaphthalene
Concen: 46.67 ppm
RT: 6.286 min Scan# 787
Delta R.T. -0.006 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:141 Resp: 239397

Ion	Ratio	Lower	Upper
141	100		
142	108.9	80.5	140.5
115	34.0	2.8	62.8

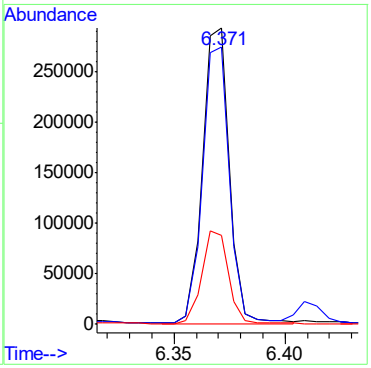


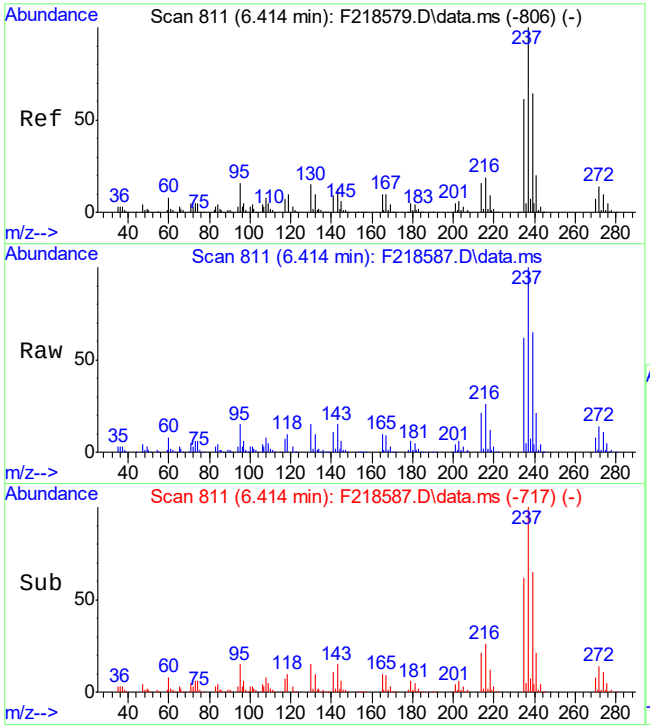


#45
1-Methylnaphthalene
Concen: 46.43 ppm
RT: 6.371 min Scan# 803
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:142 Resp: 248574

Ion	Ratio	Lower	Upper
142	100		
141	92.4	62.9	122.9
115	29.7	2.4	62.4

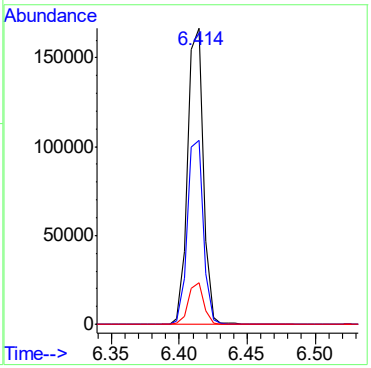


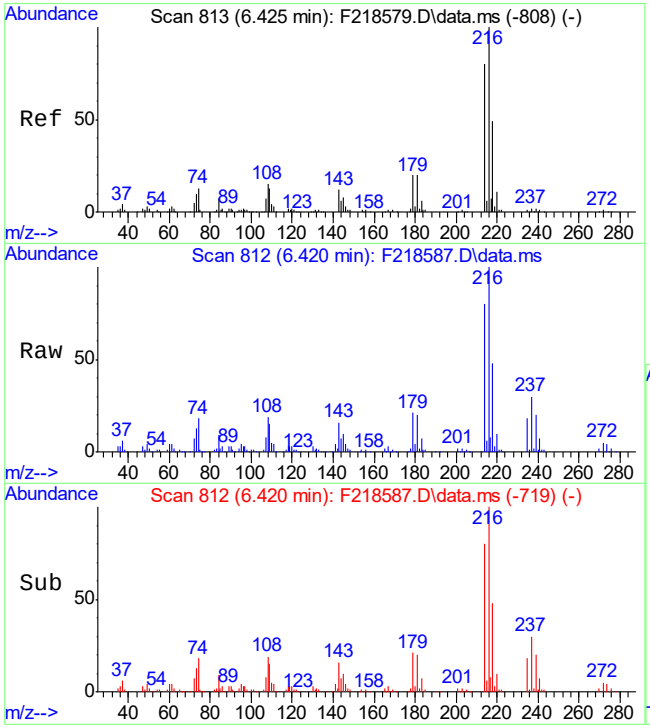


#47
Hexachlorocyclopentadiene
Concen: 108.17 ppm
RT: 6.414 min Scan# 811
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:237 Resp: 134635

Ion	Ratio	Lower	Upper
237	100		
235	62.3	30.8	90.8
272	14.2	0.0	44.0

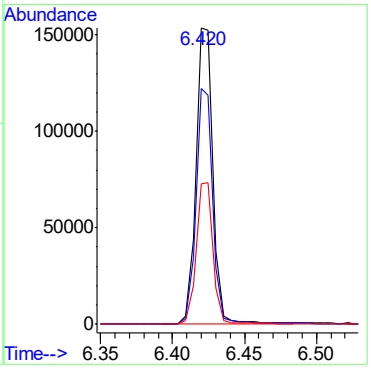


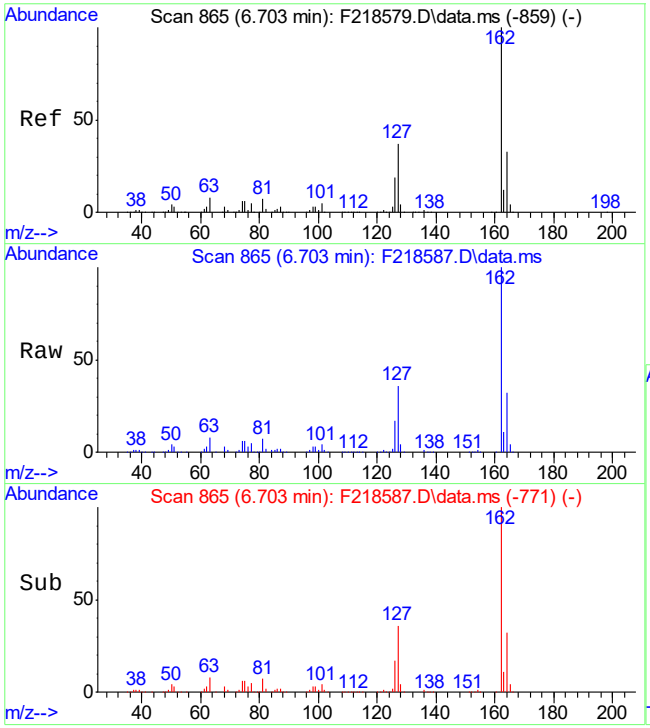


#48
1,2,4,5-tetrachlorobenzene
Concen: 45.65 ppm
RT: 6.420 min Scan# 812
Delta R.T. -0.005 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:216 Resp: 129571

Ion	Ratio	Lower	Upper
216	100		
214	79.0	55.6	103.2
218	48.0	33.6	62.4

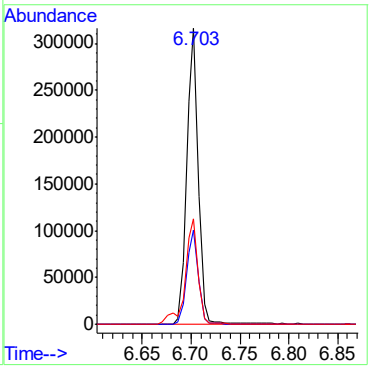


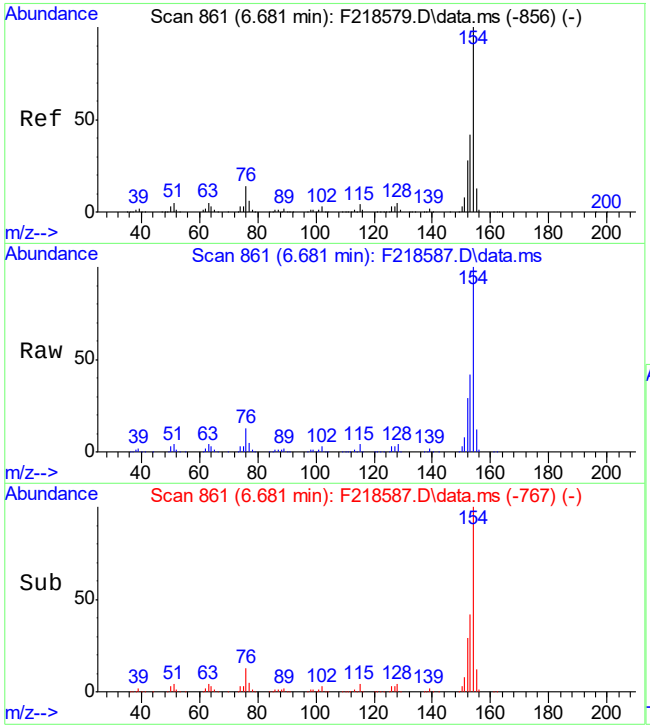


#52
2-Chloronaphthalene
Concen: 45.91 ppm
RT: 6.703 min Scan# 865
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:162 Resp: 259666

Ion	Ratio	Lower	Upper
162	100		
164	32.0	3.0	63.0
127	35.2	6.9	66.9

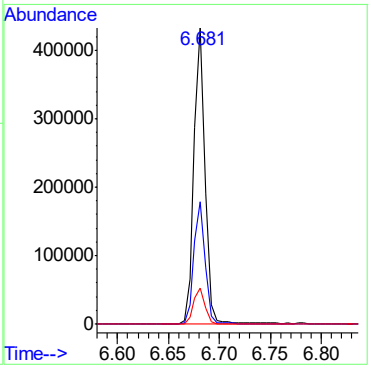


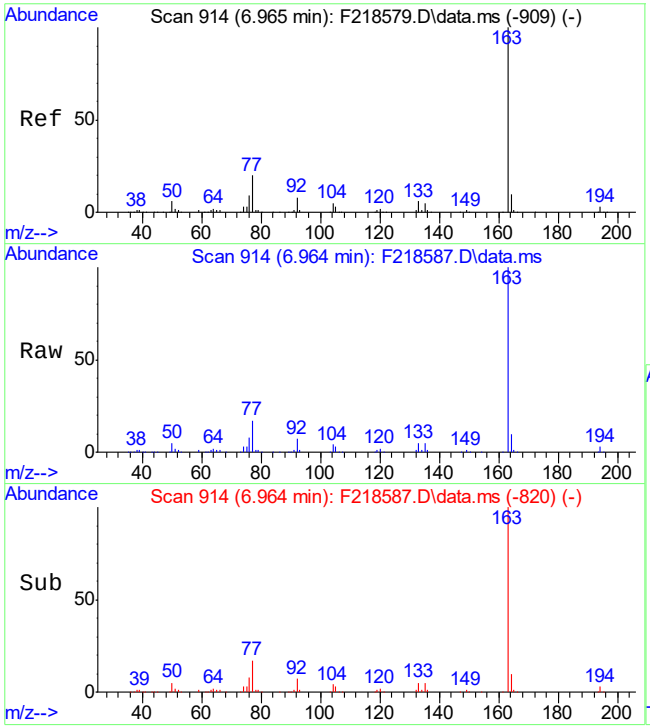


#53
Biphenyl
Concen: 45.45 ppm
RT: 6.681 min Scan# 861
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:154 Resp: 332982

Ion	Ratio	Lower	Upper
154	100		
153	41.5	12.0	72.0
155	12.2	0.0	42.7

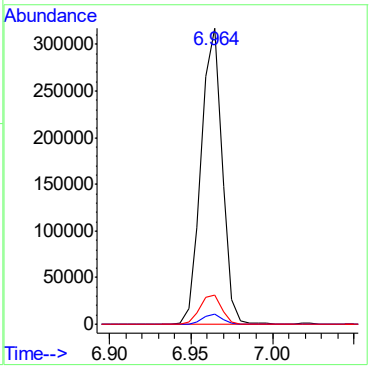


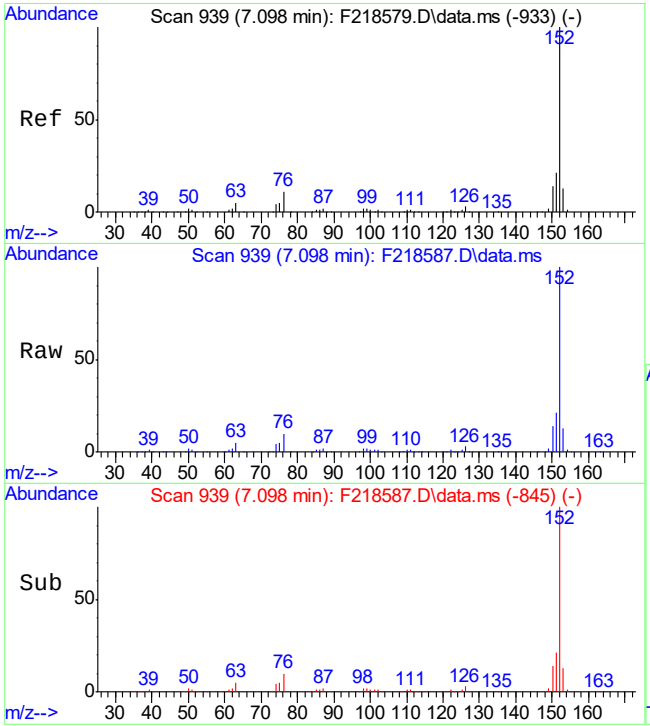


#55
Dimethylphthalate
Concen: 46.17 ppm
RT: 6.964 min Scan# 914
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:163 Resp: 285237

Ion	Ratio	Lower	Upper
163	100		
194	3.5	0.0	33.2
164	10.1	0.0	40.3

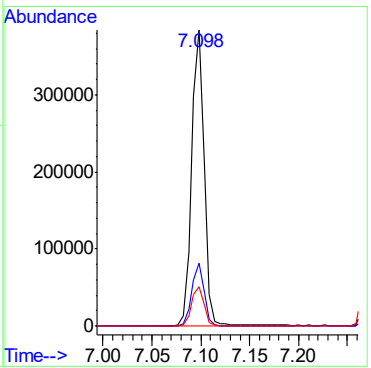


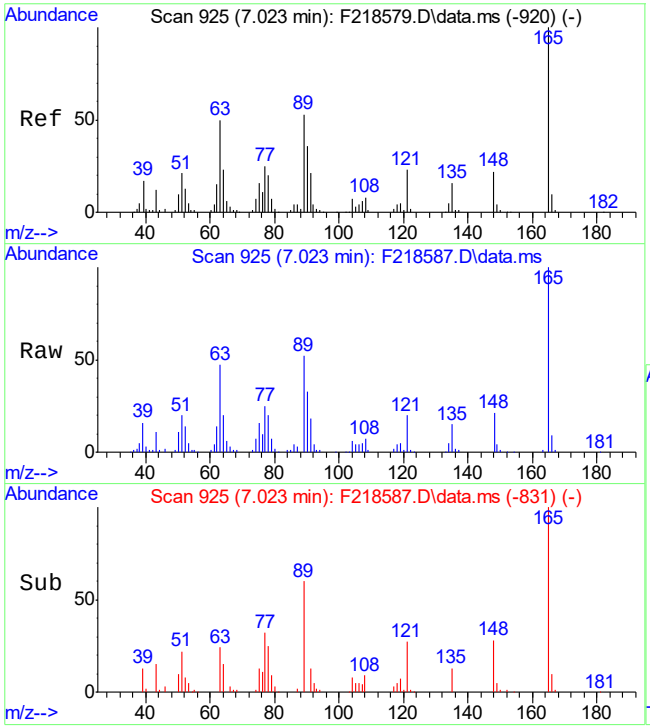


#56
Acenaphthylene
Concen: 48.77 ppm
RT: 7.098 min Scan# 939
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:152 Resp: 341420

Ion	Ratio	Lower	Upper
152	100		
151	21.2	0.0	50.5
153	13.3	0.0	43.0

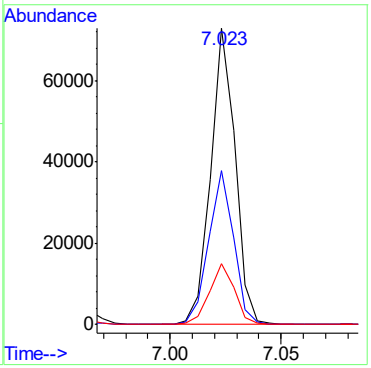


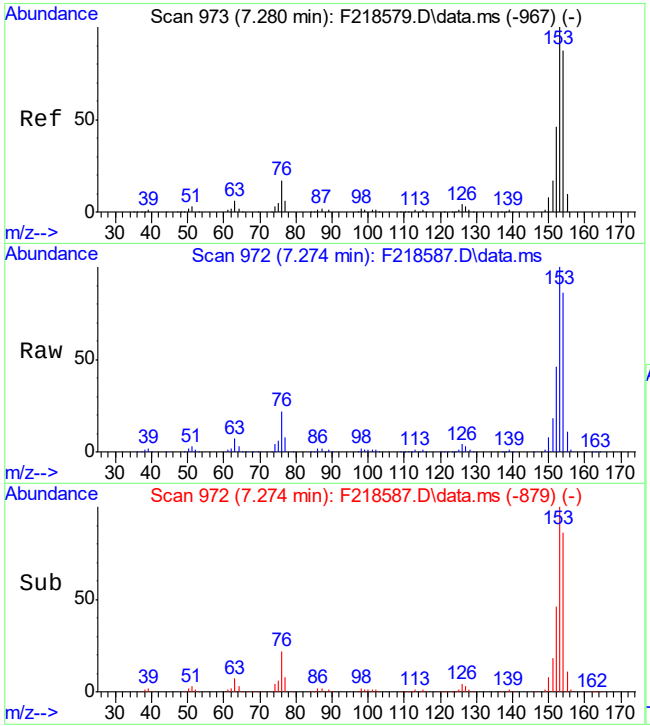


#57
2,6-Dinitrotoluene
Concen: 52.27 ppm
RT: 7.023 min Scan# 925
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:165 Resp: 56110

Ion	Ratio	Lower	Upper
165	100		
89	51.9	23.2	83.2
121	20.3	0.0	52.8

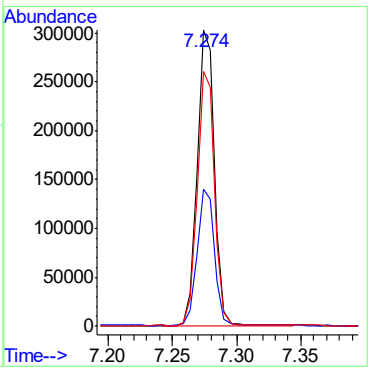


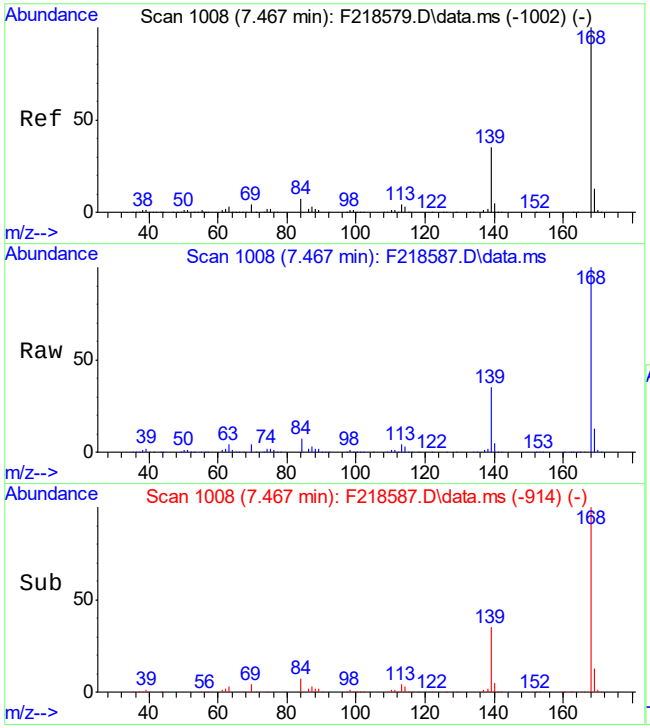


#59
Acenaphthene
Concen: 46.36 ppm
RT: 7.274 min Scan# 972
Delta R.T. -0.006 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:153 Resp: 288585

Ion	Ratio	Lower	Upper
153	100		
152	45.9	16.3	76.3
154	85.8	57.4	117.4

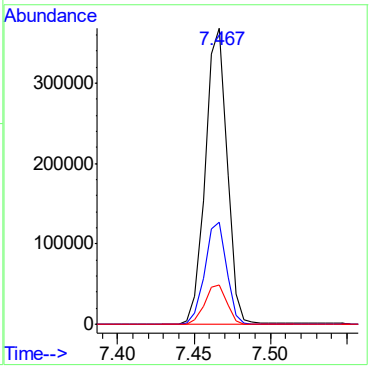


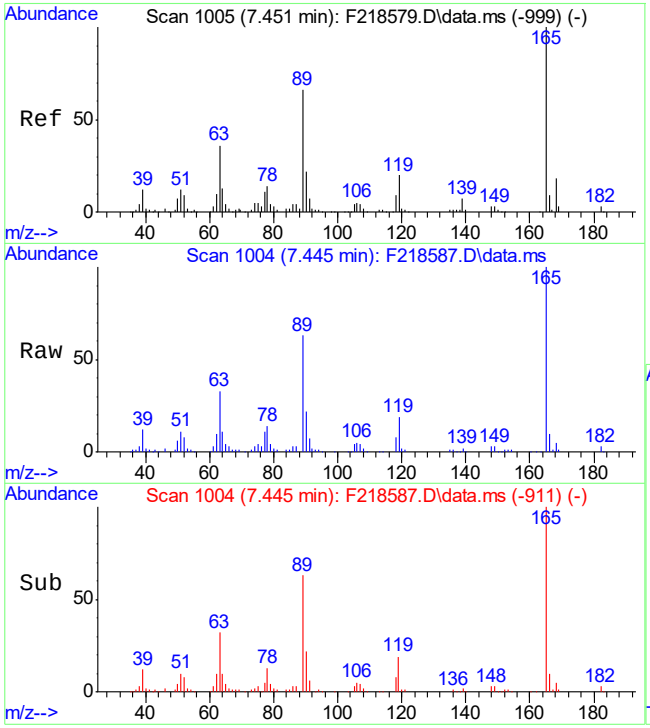


#62
Dibenzofuran
Concen: 45.82 ppm
RT: 7.467 min Scan# 1008
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:168 Resp: 364979

Ion	Ratio	Lower	Upper
168	100		
139	34.6	5.2	65.2
169	13.4	0.0	43.3

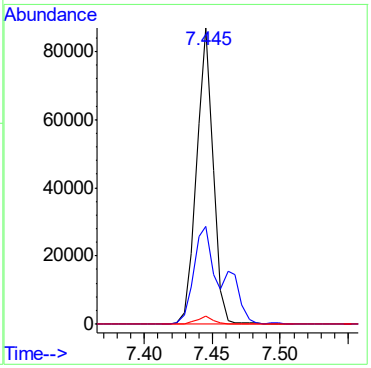


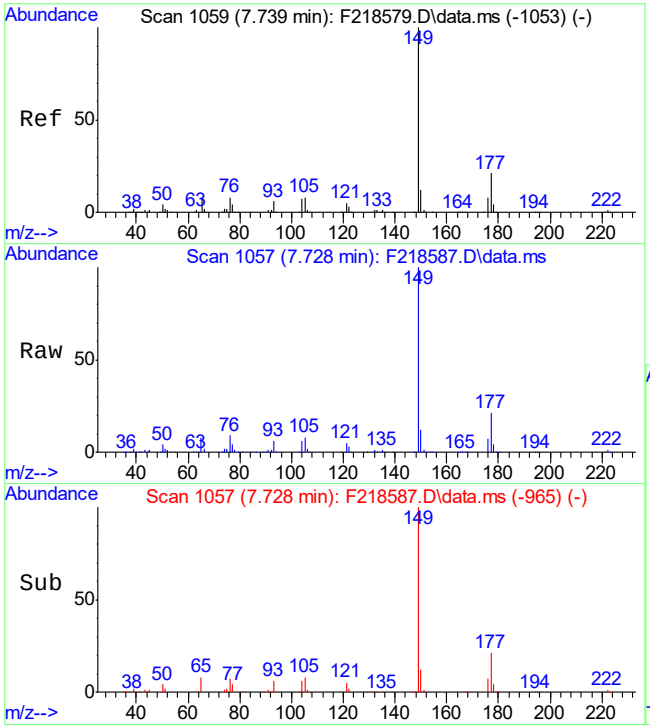


#63
2,4-Dinitrotoluene
Concen: 47.64 ppm
RT: 7.445 min Scan# 1004
Delta R.T. -0.005 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:165 Resp: 73328

Ion	Ratio	Lower	Upper
165	100		
63	32.8	6.1	66.1
182	2.5	0.0	32.6

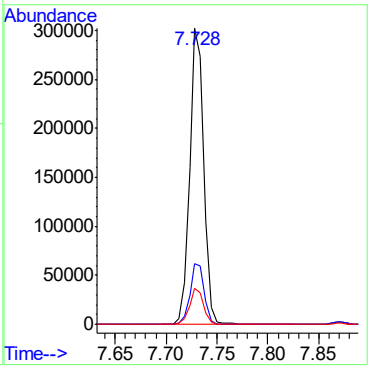


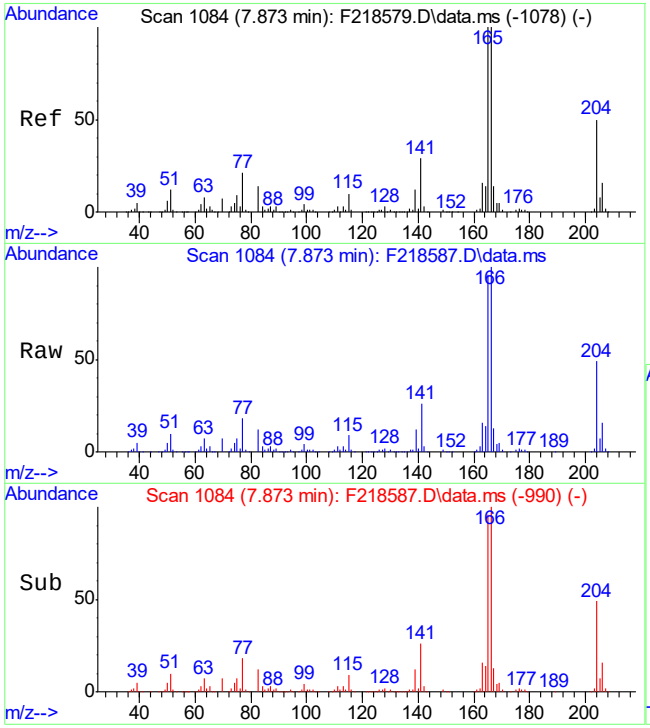


#65
Diethylphthalate
Concen: 47.59 ppm
RT: 7.728 min Scan# 1057
Delta R.T. -0.011 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:149 Resp: 294043

Ion	Ratio	Lower	Upper
149	100		
177	20.6	0.0	50.6
150	12.0	0.0	42.0

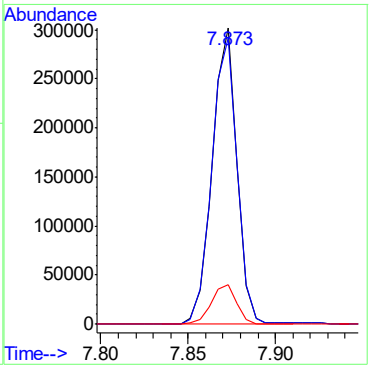


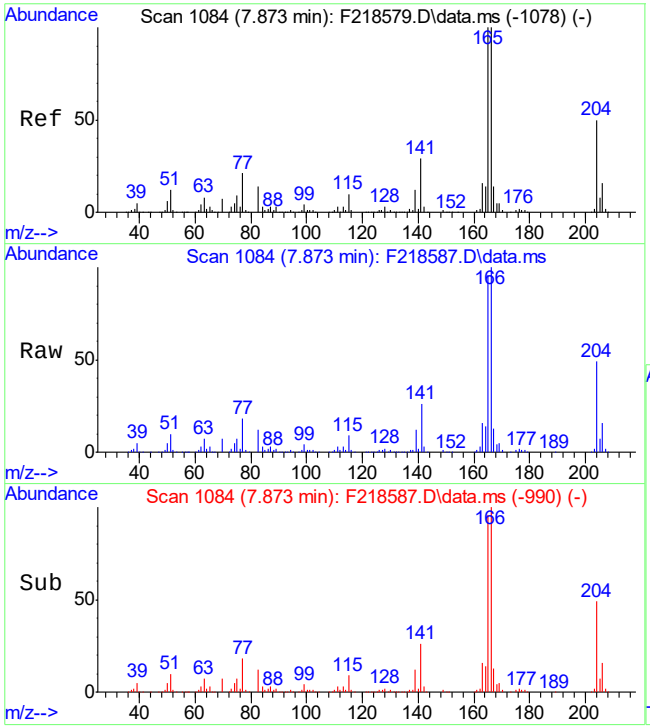


#66
Fluorene
Concen: 47.19 ppm
RT: 7.873 min Scan# 1084
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:166 Resp: 295246

Ion	Ratio	Lower	Upper
166	100		
165	96.4	69.8	129.8
167	13.2	0.0	43.7

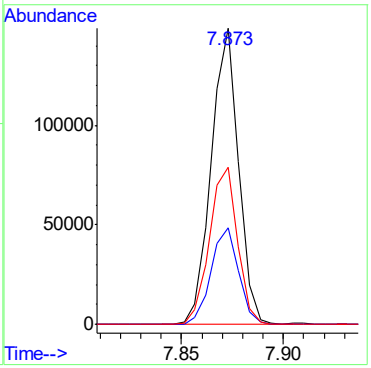


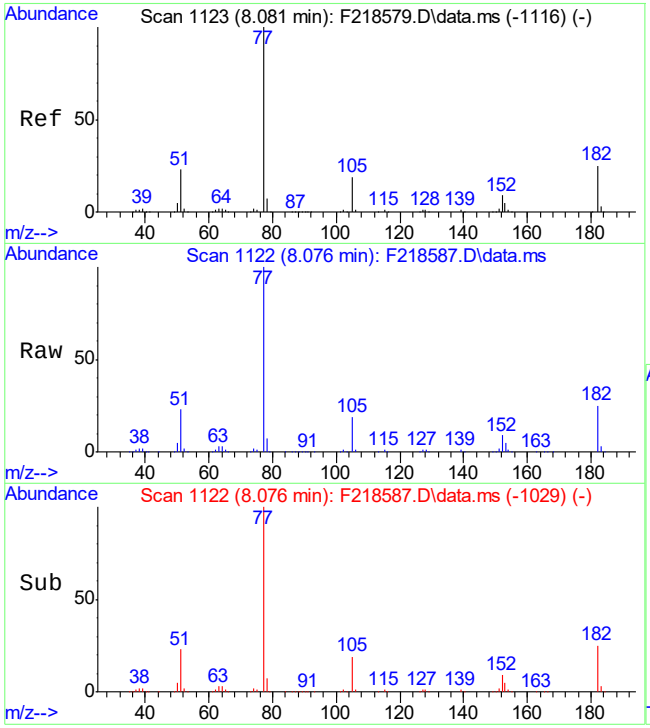


#67
4-Chlorophenyl-phenylether
Concen: 47.33 ppm
RT: 7.873 min Scan# 1084
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:204 Resp: 138633

Ion	Ratio	Lower	Upper
204	100		
206	32.8	2.1	62.1
141	53.2	26.8	86.8

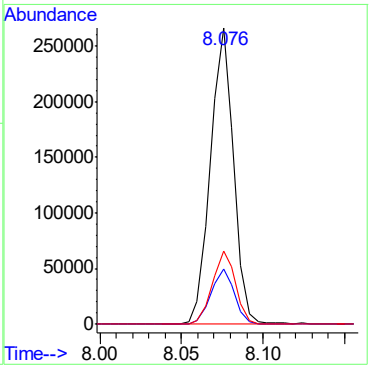


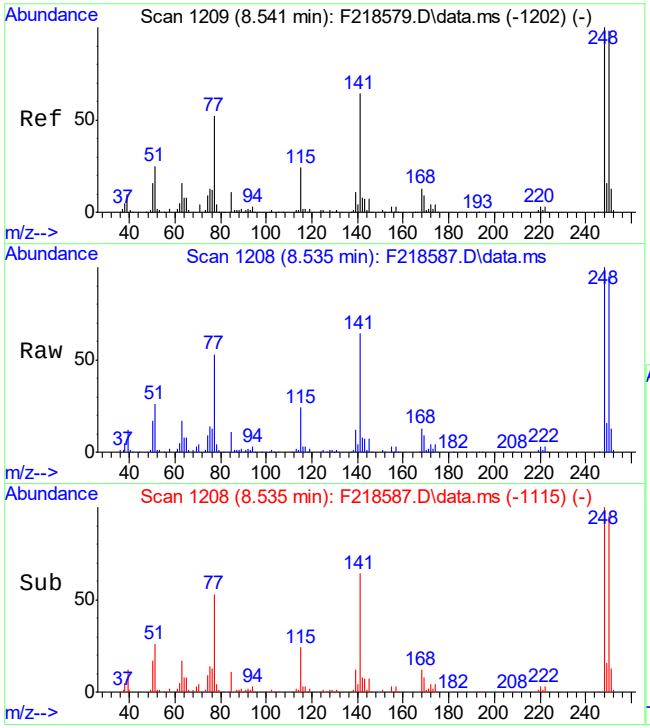


#72
1,2-Diphenylhydrazine
Concen: 45.82 ppm
RT: 8.076 min Scan# 1122
Delta R.T. -0.005 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion: 77 Resp: 263871

Ion	Ratio	Lower	Upper
77	100		
105	18.7	0.0	48.6
182	24.8	0.0	54.6

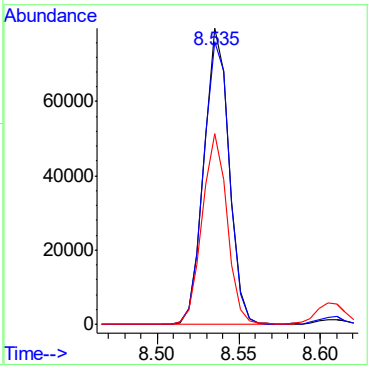


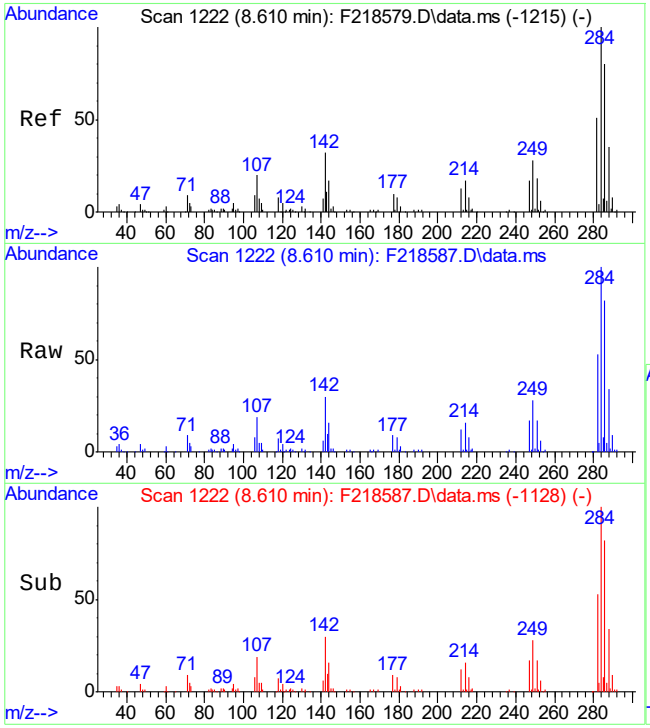


#74
4-Bromophenyl-phenylether
Concen: 46.13 ppm
RT: 8.535 min Scan# 1208
Delta R.T. -0.006 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:248 Resp: 85360

Ion	Ratio	Lower	Upper
248	100		
250	95.3	68.3	128.3
141	64.3	34.4	94.4

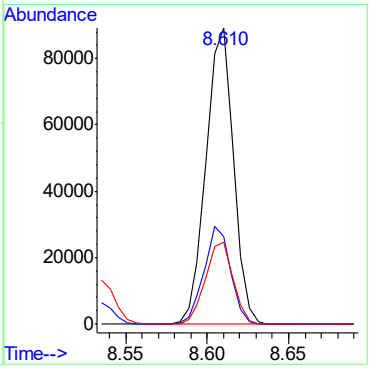


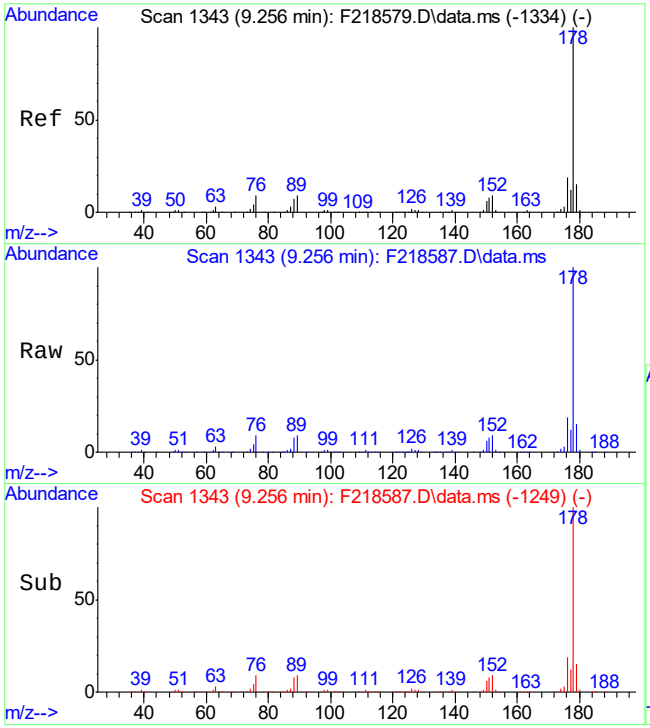


#75
Hexachlorobenzene
Concen: 45.13 ppm
RT: 8.610 min Scan# 1222
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:284 Resp: 105005

Ion	Ratio	Lower	Upper
284	100		
142	29.6	2.4	62.4
249	27.6	0.0	57.7

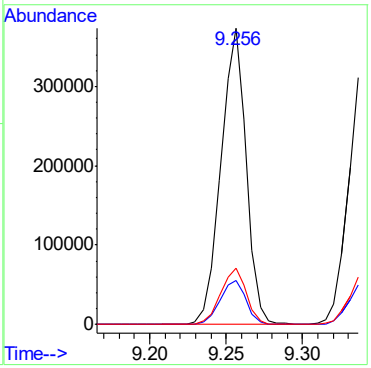


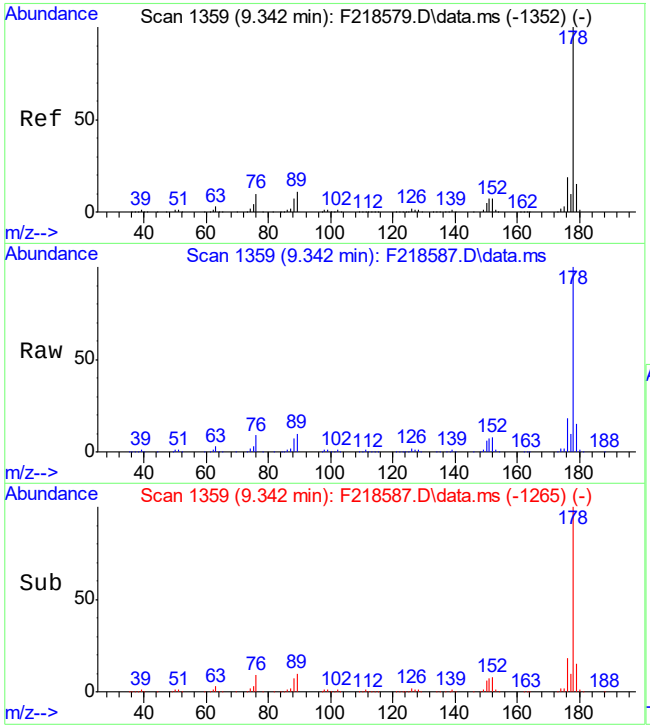


#77
Phenanthrene
Concen: 45.51 ppm
RT: 9.256 min Scan# 1343
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:178 Resp: 429066

Ion	Ratio	Lower	Upper
178	100		
179	14.9	0.0	45.2
176	18.8	0.0	48.7

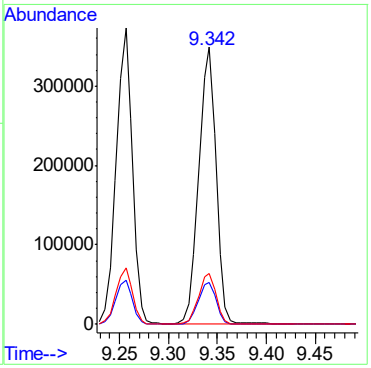


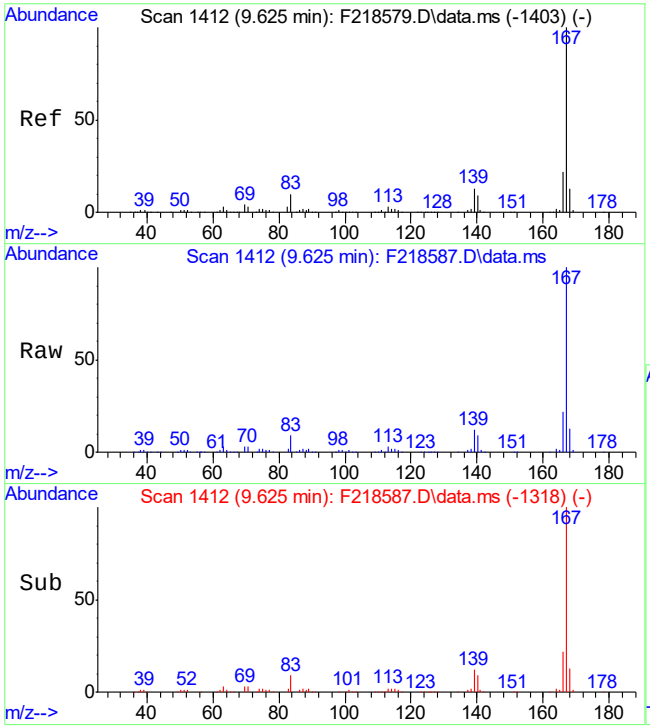


#78
Anthracene
Concen: 46.59 ppm
RT: 9.342 min Scan# 1359
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:178 Resp: 430259

Ion	Ratio	Lower	Upper
178	100		
179	15.1	0.0	45.2
176	18.3	0.0	48.6

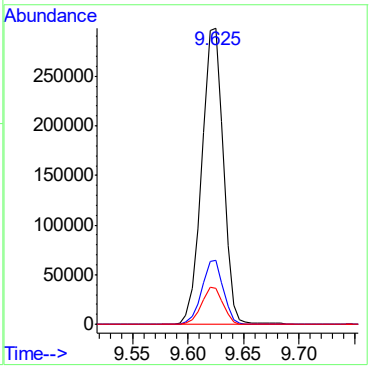


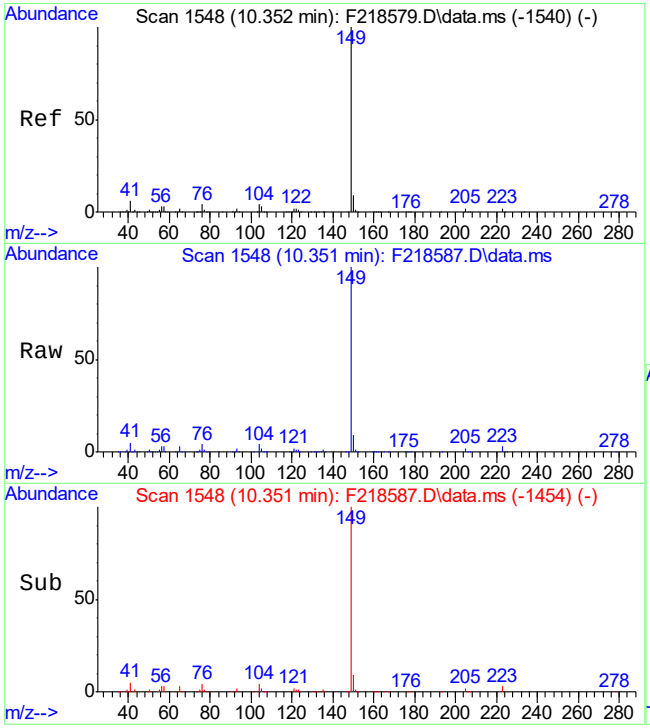


#79
Carbazole
Concen: 47.05 ppm
RT: 9.625 min Scan# 1412
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:167 Resp: 399919

Ion	Ratio	Lower	Upper
167	100		
166	21.7	0.0	52.1
139	12.1	0.0	42.7

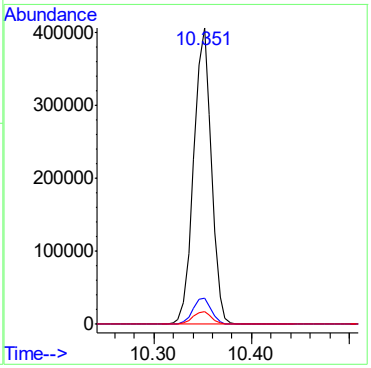


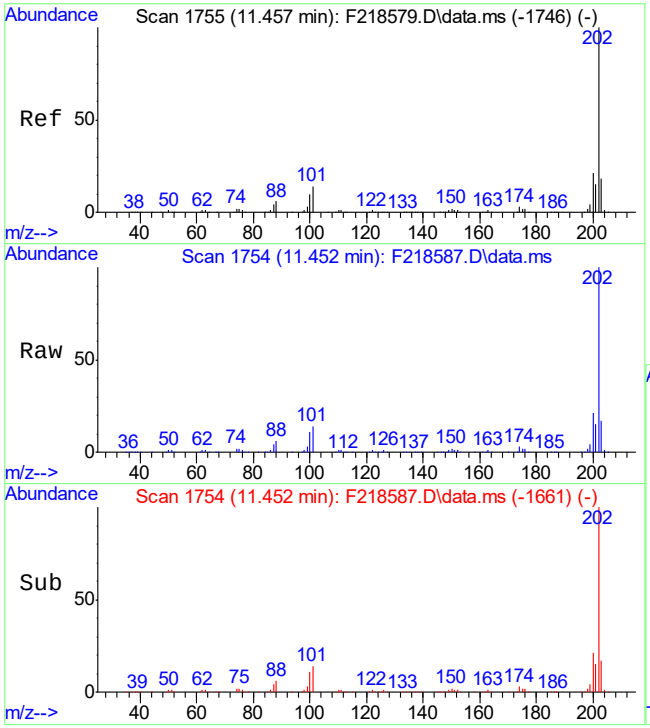


#80
Di-n-butylphthalate
Concen: 48.52 ppm
RT: 10.351 min Scan# 1548
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:149 Resp: 508368

Ion	Ratio	Lower	Upper
149	100		
150	8.9	0.0	39.1
104	4.2	0.0	34.5

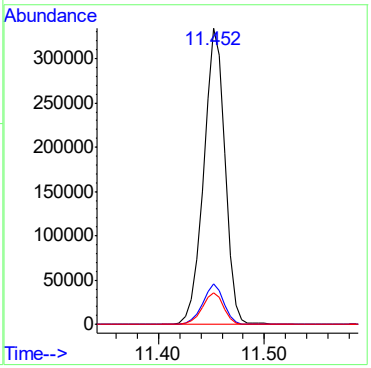


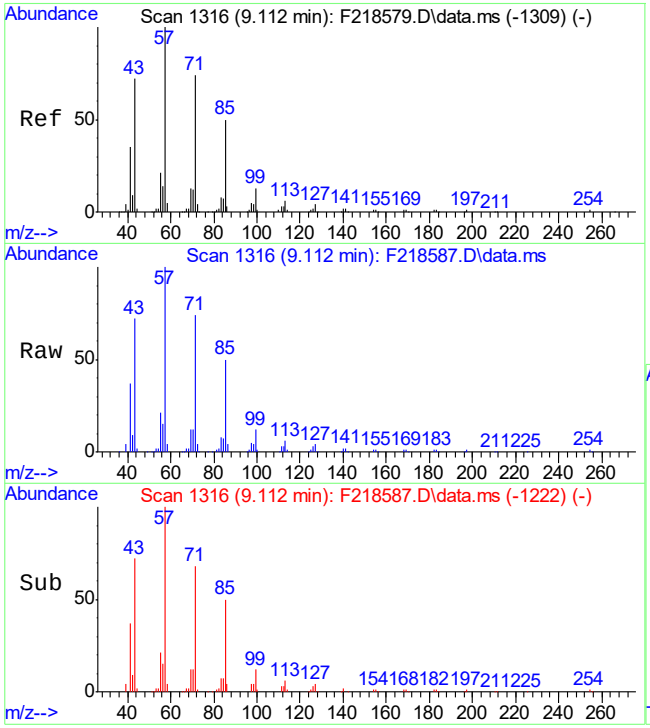


#81
Fluoranthene
Concen: 47.55 ppm
RT: 11.452 min Scan# 1754
Delta R.T. -0.005 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:202 Resp: 467474

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	43.8
100	10.8	0.0	40.4

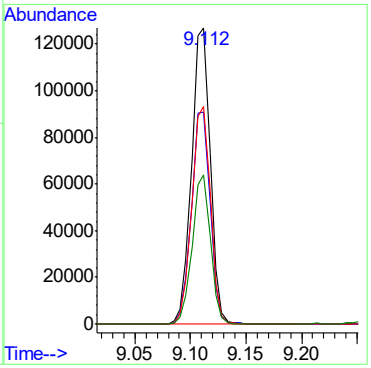


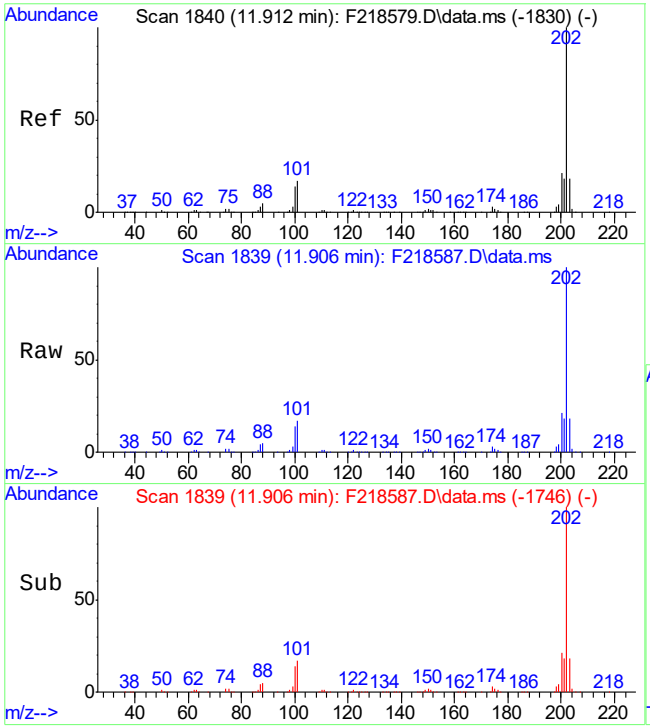


#82
Octadecane
Concen: 47.63 ppm
RT: 9.112 min Scan# 1316
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion: 57 Resp: 147955

Ion	Ratio	Lower	Upper
57	100		
43	71.6	42.0	102.0
71	73.7	43.7	103.7
85	50.2	20.3	80.3

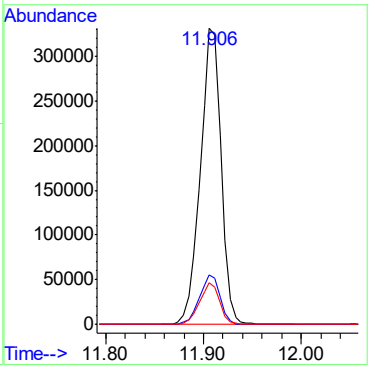


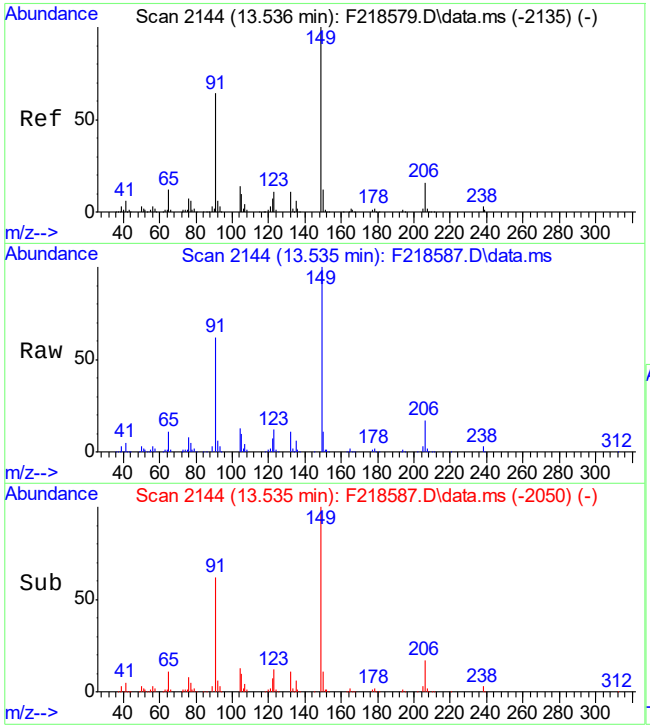


#85
Pyrene
Concen: 46.74 ppm
RT: 11.906 min Scan# 1839
Delta R.T. -0.005 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:202 Resp: 486315

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	46.8
100	14.2	0.0	44.1

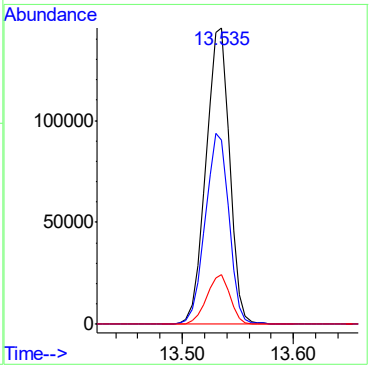


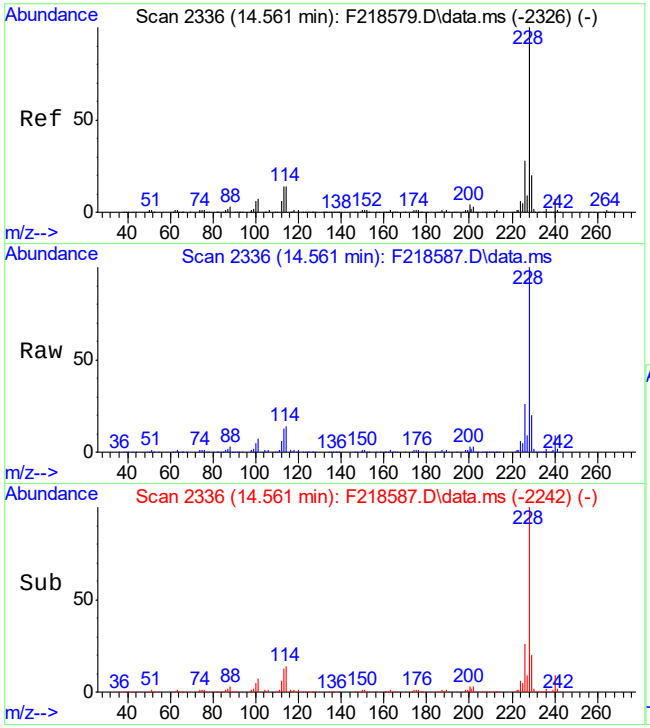


#87
Butylbenzylphthalate
Concen: 52.47 ppm
RT: 13.535 min Scan# 2144
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:149 Resp: 213594

Ion	Ratio	Lower	Upper
149	100		
91	62.0	34.1	94.1
206	16.8	0.0	46.0

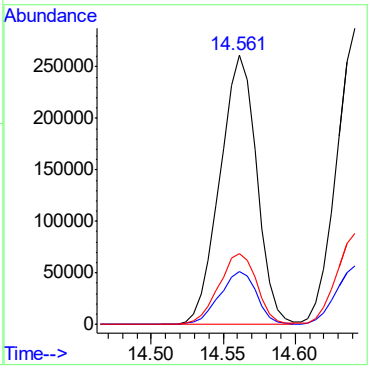


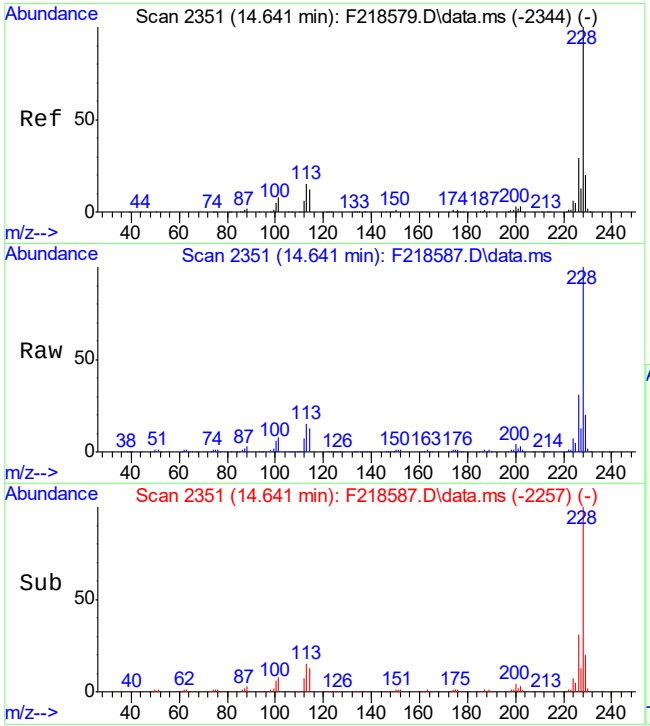


#88
Benzo[a]anthracene
Concen: 46.63 ppm
RT: 14.561 min Scan# 2336
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:228 Resp: 463657

Ion	Ratio	Lower	Upper
228	100		
229	19.5	0.0	50.4
226	26.4	0.0	57.6

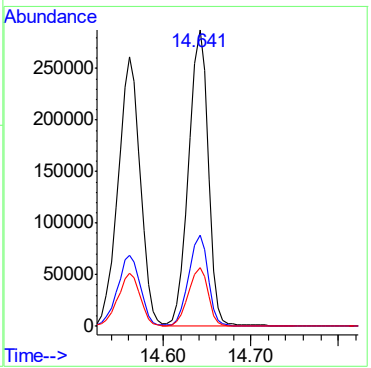


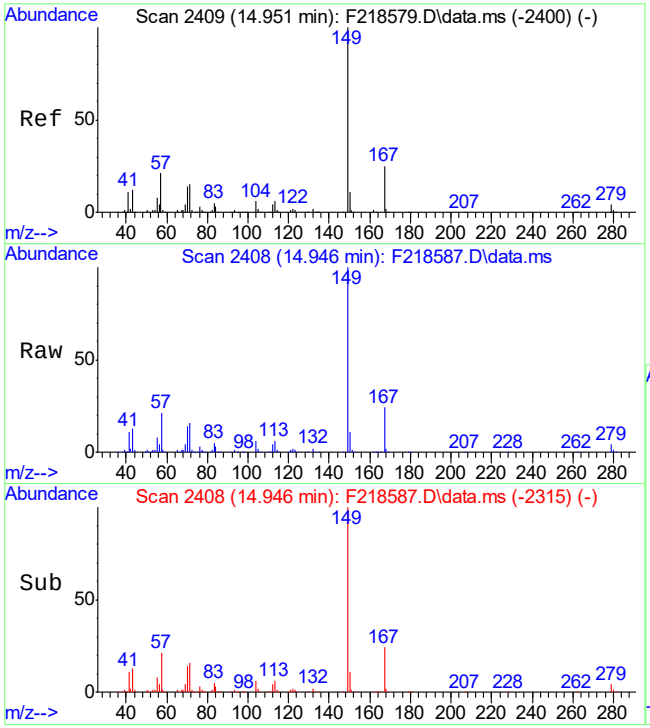


#90
Chrysene
Concen: 45.54 ppm
RT: 14.641 min Scan# 2351
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:228 Resp: 448211

Ion	Ratio	Lower	Upper
228	100		
226	30.7	0.0	58.8
229	19.6	0.0	49.7

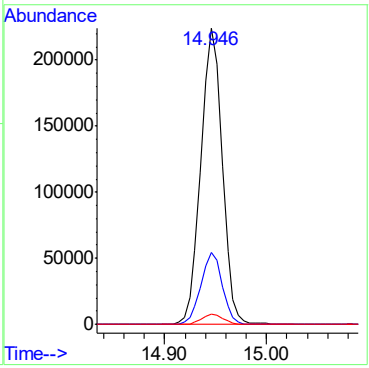


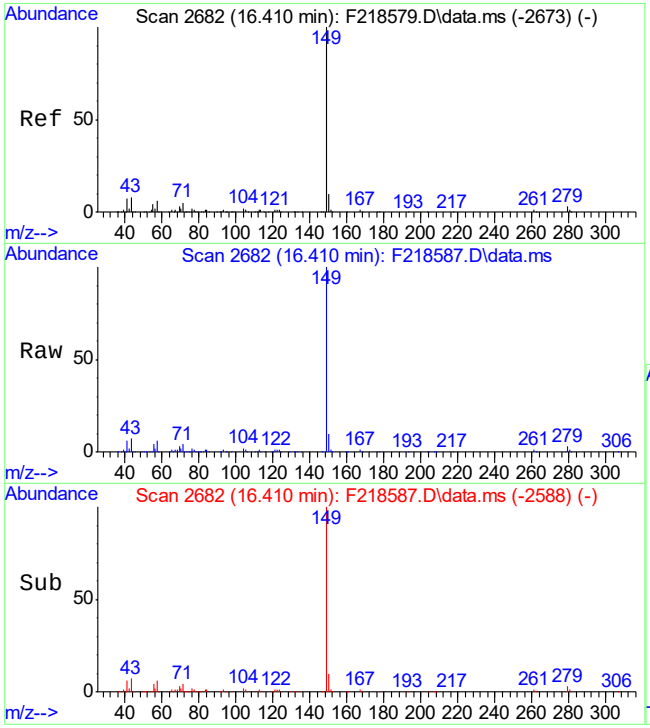


#91
bis(2-Ethylhexyl)phthalate
Concen: 52.76 ppm
RT: 14.946 min Scan# 2408
Delta R.T. -0.005 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:149 Resp: 324001

Ion	Ratio	Lower	Upper
149	100		
167	24.2	0.0	55.1
279	3.6	0.0	33.8

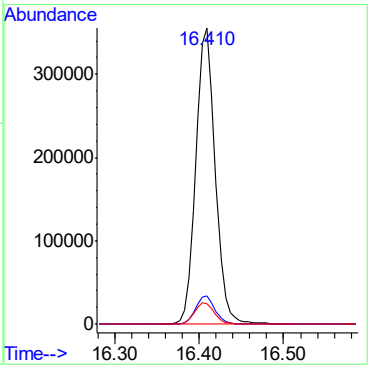


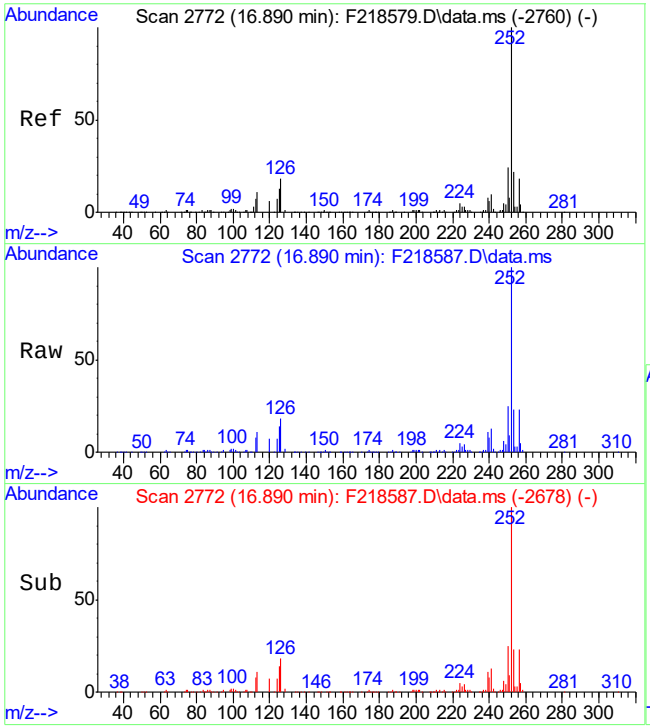


#93
Di-n-octylphthalate
Concen: 49.57 ppm
RT: 16.410 min Scan# 2682
Delta R.T. 0.001 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:149 Resp: 559599

Ion	Ratio	Lower	Upper
149	100		
150	9.7	0.0	39.5
43	7.0	0.0	37.6

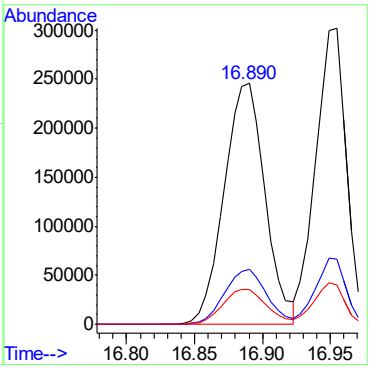


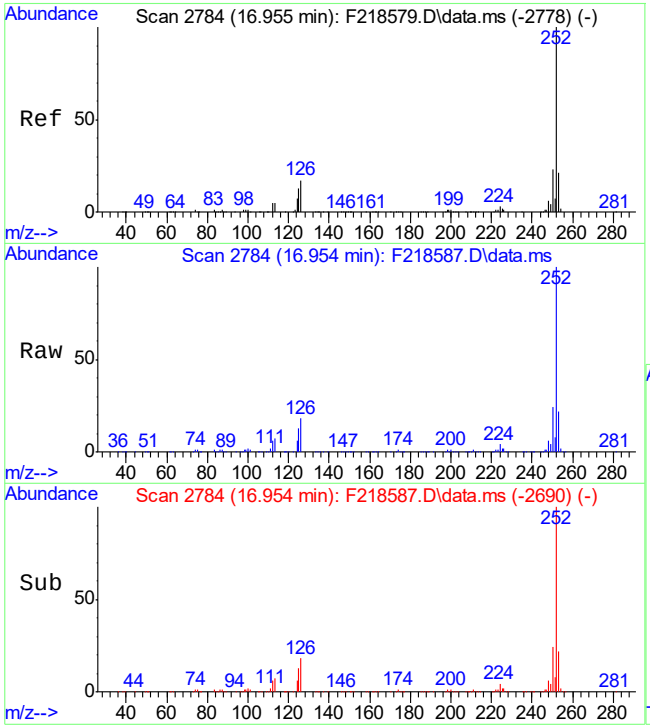


#94
Benzo[b]fluoranthene
Concen: 50.06 ppm
RT: 16.890 min Scan# 2772
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:252 Resp: 518473

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	51.6
125	14.1	0.0	43.1

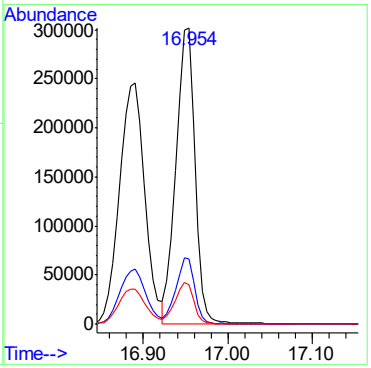


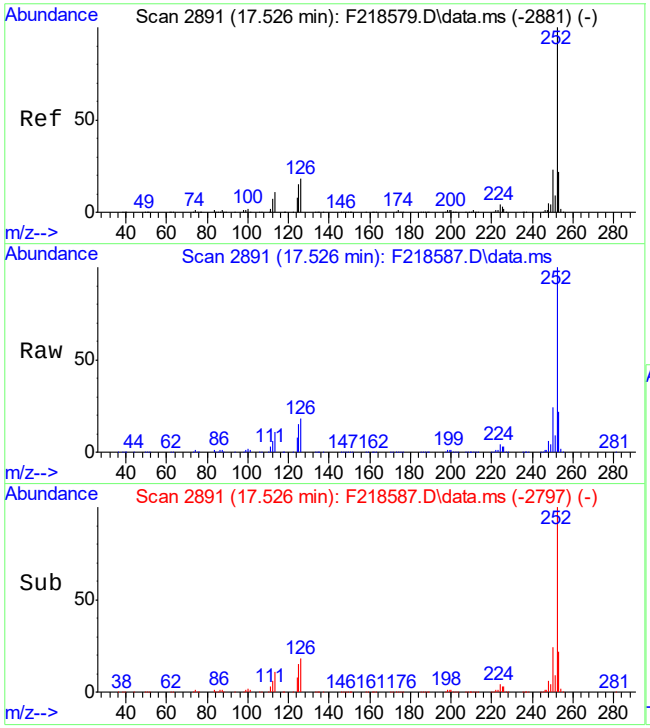


#95
Benzo[k]fluoranthene
Concen: 48.11 ppm
RT: 16.954 min Scan# 2784
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:252 Resp: 480774

Ion	Ratio	Lower	Upper
252	100		
253	22.0	0.0	51.4
125	13.2	0.0	43.5

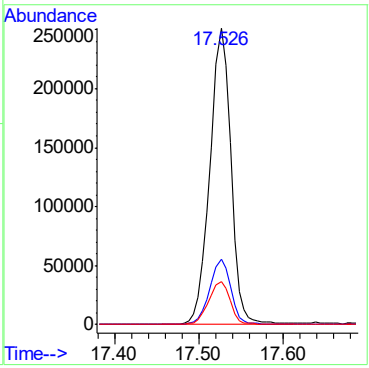


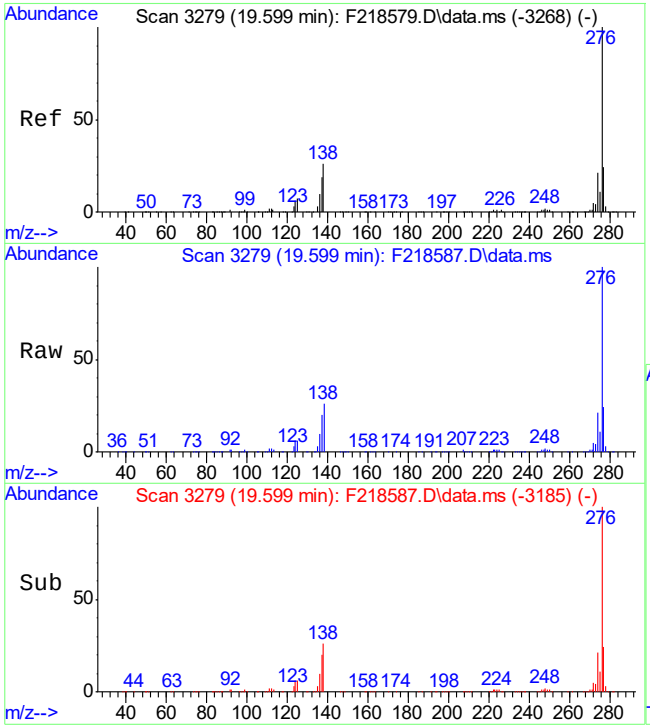


#96
Benzo[a]pyrene
Concen: 50.40 ppm
RT: 17.526 min Scan# 2891
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:252 Resp: 422131

Ion	Ratio	Lower	Upper
252	100		
253	21.8	0.0	51.8
125	14.6	0.0	45.1

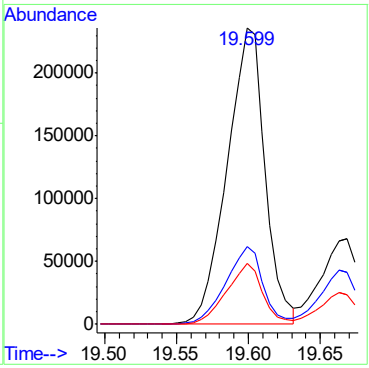


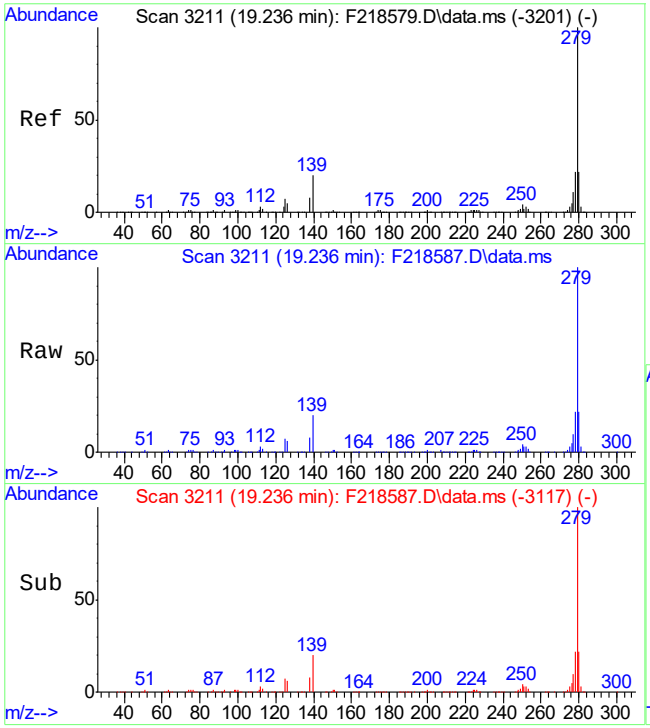


#97
Indeno[1,2,3-cd]pyrene
Concen: 49.59 ppm
RT: 19.599 min Scan# 3279
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:276 Resp: 430843

Ion	Ratio	Lower	Upper
276	100		
138	26.0	0.0	55.9
137	20.3	0.0	49.3

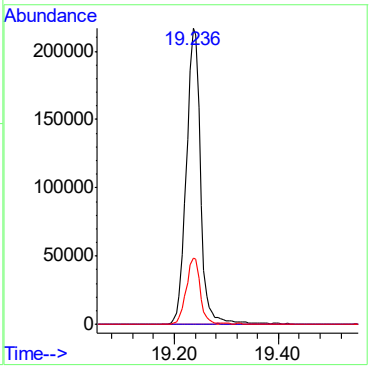


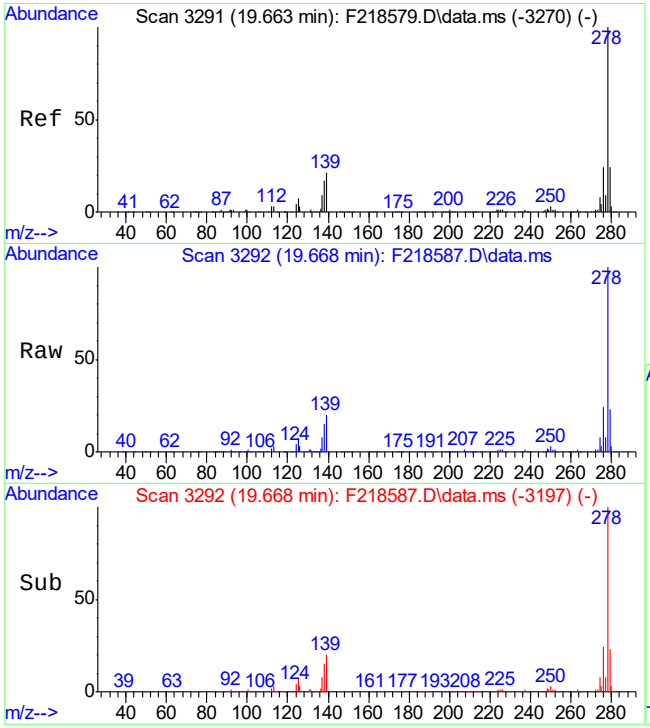


#98
Dibenz(a,h)acridine
Concen: 51.50 ppm
RT: 19.236 min Scan# 3211
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:279 Resp: 414571

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.4	0.0	52.5

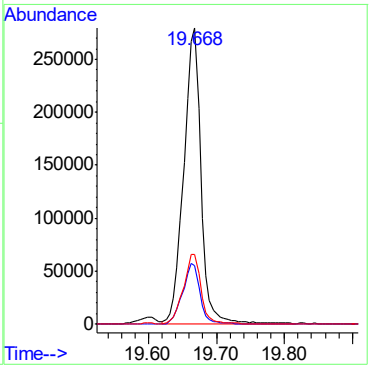


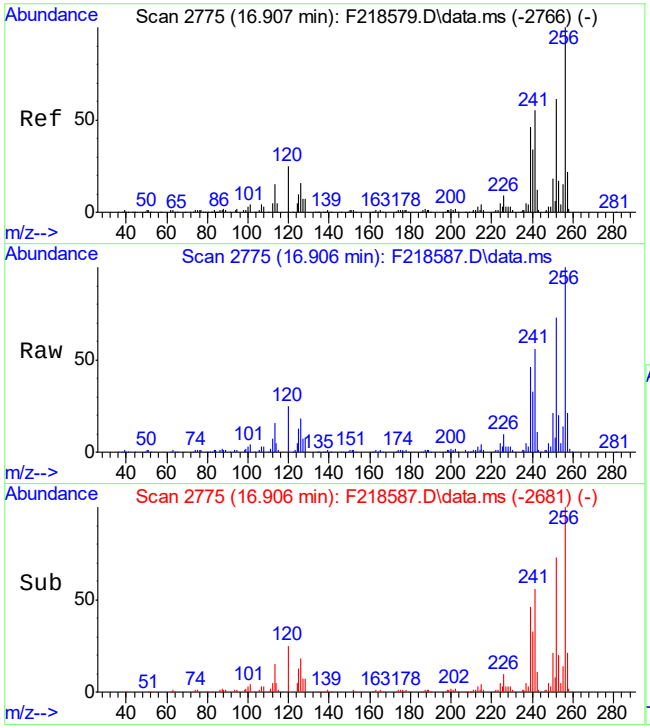


#99
Dibenz[a,h]anthracene
Concen: 50.21 ppm
RT: 19.668 min Scan# 3292
Delta R.T. 0.005 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:278 Resp: 493576

Ion	Ratio	Lower	Upper
278	100		
139	19.8	0.0	50.7
279	23.5	0.0	53.9

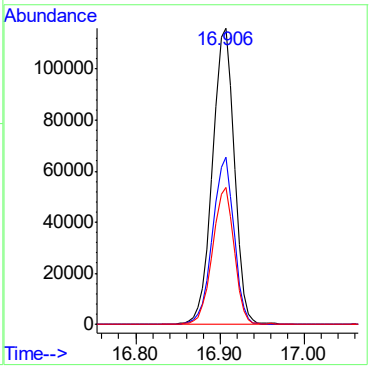


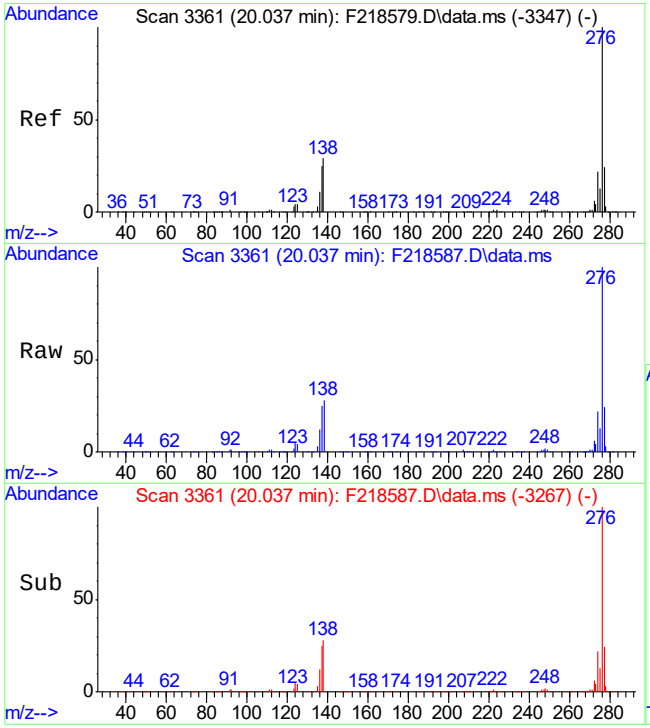


#100
7,12-Dimethylbenz(a)anthracene
Concen: 52.56 ppm
RT: 16.906 min Scan# 2775
Delta R.T. 0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:256 Resp: 202262

Ion	Ratio	Lower	Upper
256	100		
241	56.4	24.8	84.8
239	46.2	16.4	76.4

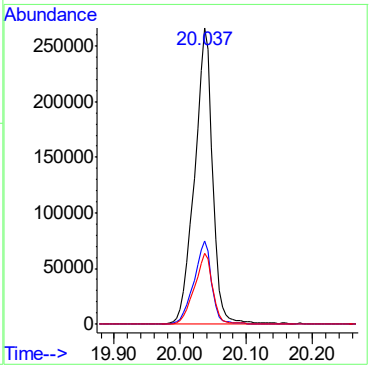




#101
Benzo[g,h,i]perylene
Concen: 49.04 ppm
RT: 20.037 min Scan# 3361
Delta R.T. -0.000 min
Lab File: F218587.D
Acq: 24 Jan 2024 3:10 pm

Tgt Ion:276 Resp: 501761

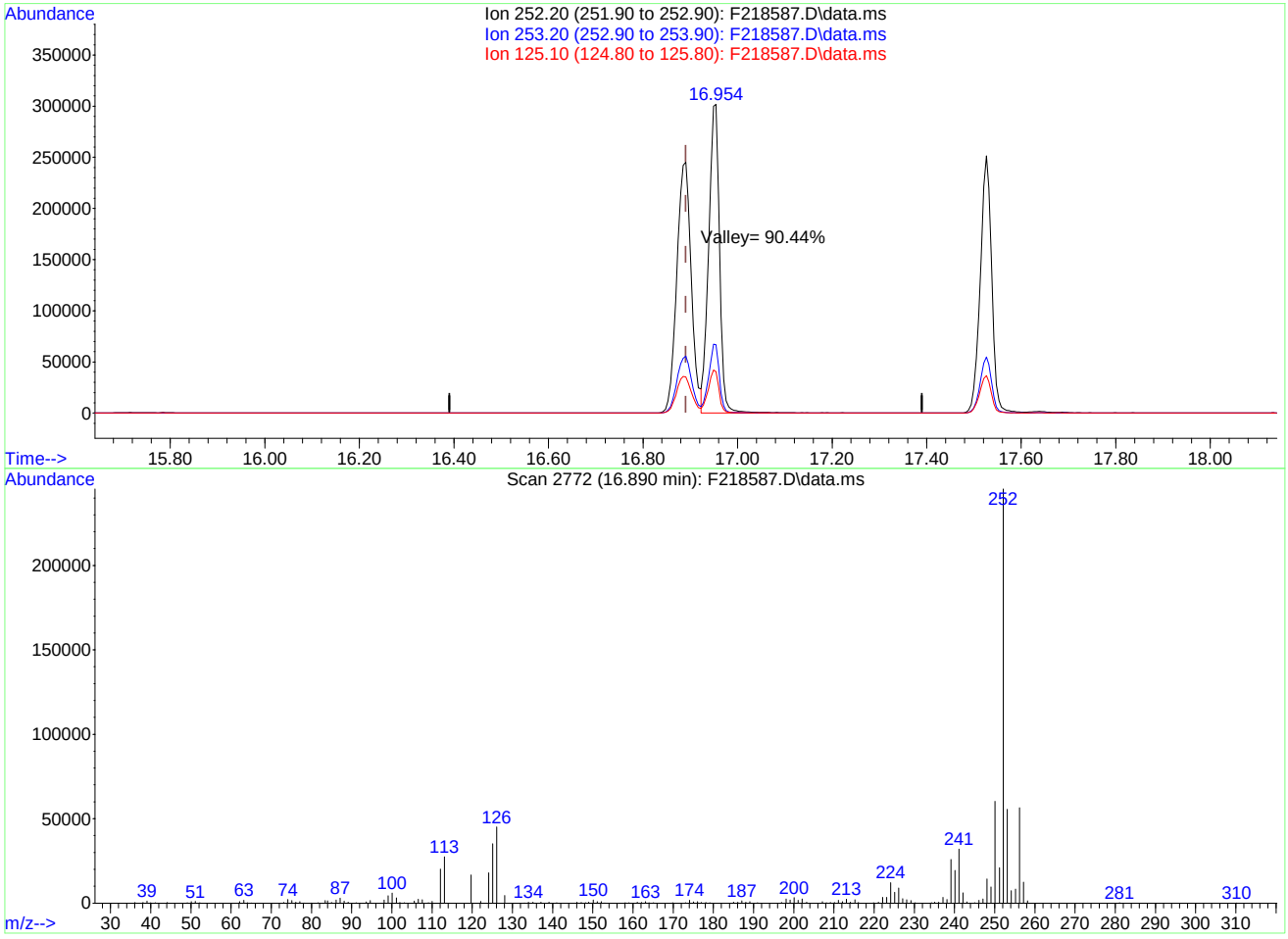
Ion	Ratio	Lower	Upper
276	100		
138	28.0	0.0	58.6
277	23.8	0.0	53.9



Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218587.D
Acq On : 24 Jan 2024 3:10 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 25 10:36:47 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration



TIC: F218587.D\data.ms

(94) Benzo[b]fluoranthene (t)

16.890min (-0.000) 50.06ppm

response 518473

Ion	Exp%	Act%
252.20	100	100
253.20	21.60	22.42
125.10	13.10	14.09
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya
01/29/24 19:23

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218588.D
Acq On : 24 Jan 2024 3:36 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 25 10:57:05 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	71591	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	282648	40.00	ppm	0.00
46) Acenaphthene-d10	7.242	164	155187	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	289823	40.00	ppm	0.00
83) Chrysene-d12	14.572	240	251380	40.00	ppm	-0.02
92) Perylene-d12	17.638	264	289459	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	71591	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	282648	40.00	ppm	0.00
121) Acenaphthene-d10A	7.242	164	155187	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	289823	40.00	ppm	0.00
147) Chrysene-d12A	14.572	240	251380	40.00	ppm	-0.02
154) Perylene-d12A	17.638	264	289459	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	71591	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	289823	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	282648	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	282648	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	71591	40.00	ppm	0.00
169) Chrysene-d12c	14.572	240	251380	40.00	ppm	-0.02
171) Chrysene-d12d	14.572	240	251380	40.00	ppm	-0.02
173) Naphthalene-d8d	5.757	136	282648	40.00	ppm	0.00
175) Chrysene-d12e	14.572	240	251380	40.00	ppm	-0.02
177) Perylene-d12b	17.638	264	289459	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	282648	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
9) Phenol	4.598	94	120275	47.52	ppm	95
12) 2-Chlorophenol	4.716	128	105478	47.63	ppm	95
19) 2-Methylphenol	5.020	108	90985	46.44	ppm	99
21) 3&4-Methylphenol	5.127	108	193415	95.30	ppm	99
29) 2-Nitrophenol	5.485	139	47859	48.82	ppm	89
30) 2,4-Dimethylphenol	5.501	107	100839	46.35	ppm	95
31) Benzoic acid	5.570	105	61189	49.54	ppm	86
33) 2,4-Dichlorophenol	5.645	162	90032	48.20	ppm	99
34) 2,6-Dichlorophenol	5.811	162	88502	46.87	ppm	98
41) Hydroquinone	6.067	110	95734m	59.67	ppm	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218588.D
Acq On : 24 Jan 2024 3:36 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 25 10:57:05 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration

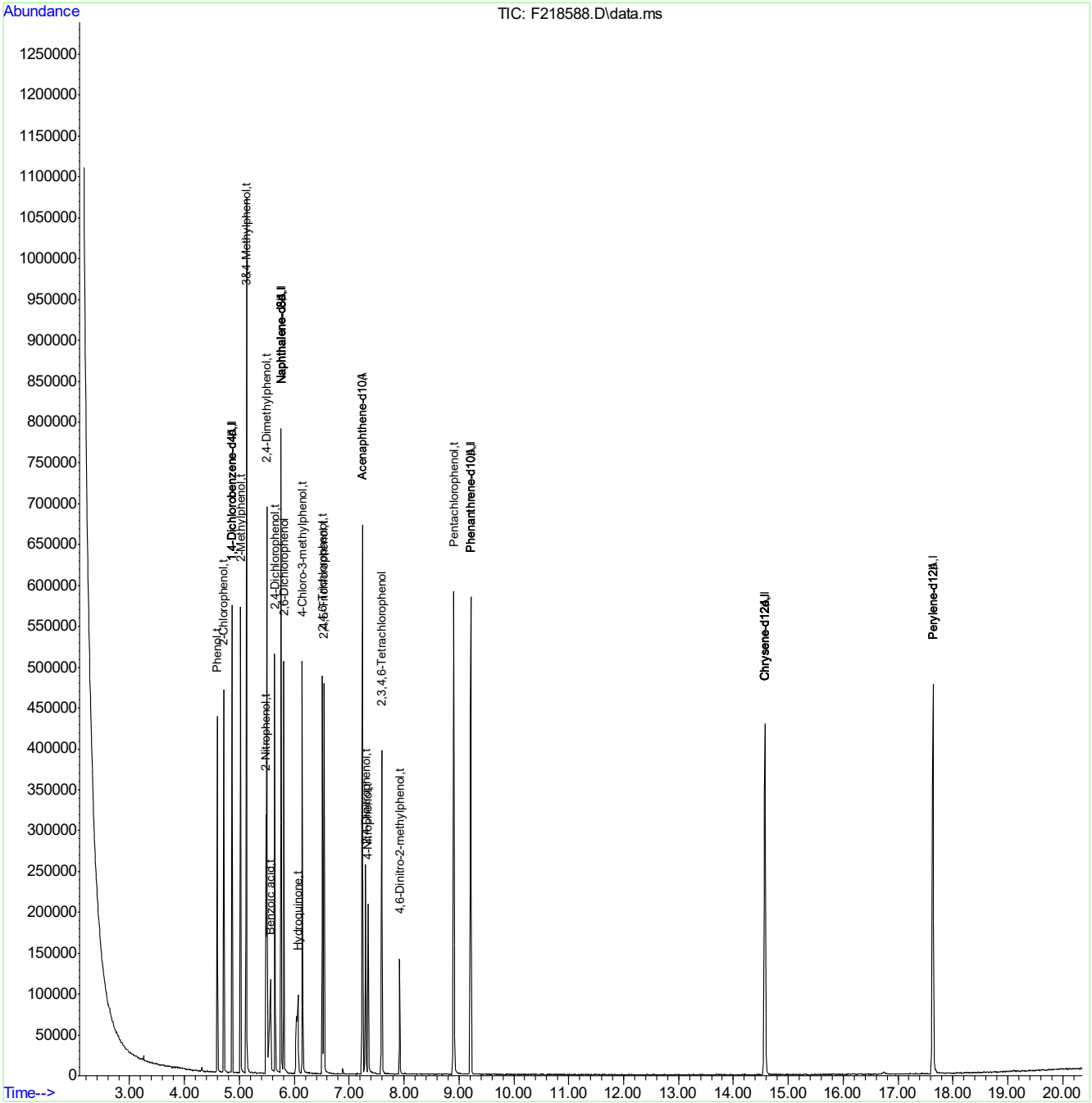
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 4-Chloro-3-methylphenol	6.147	107	82231	48.13	ppm		95
49) 2,4,6-Trichlorophenol	6.511	196	61128	46.83	ppm		98
50) 2,4,5-Trichlorophenol	6.543	196	70417	48.53	ppm		98
60) 2,4-Dinitrophenol	7.301	184	37655	94.67	ppm	#	82
61) 4-Nitrophenol	7.344	109	24509	49.07	ppm		98
64) 2,3,4,6-Tetrachlorophenol	7.595	232	55523	50.74	ppm		99
70) 4,6-Dinitro-2-methylph...	7.921	198	21636	42.96	ppm		98
76) Pentachlorophenol	8.904	266	94515	101.24	ppm		99

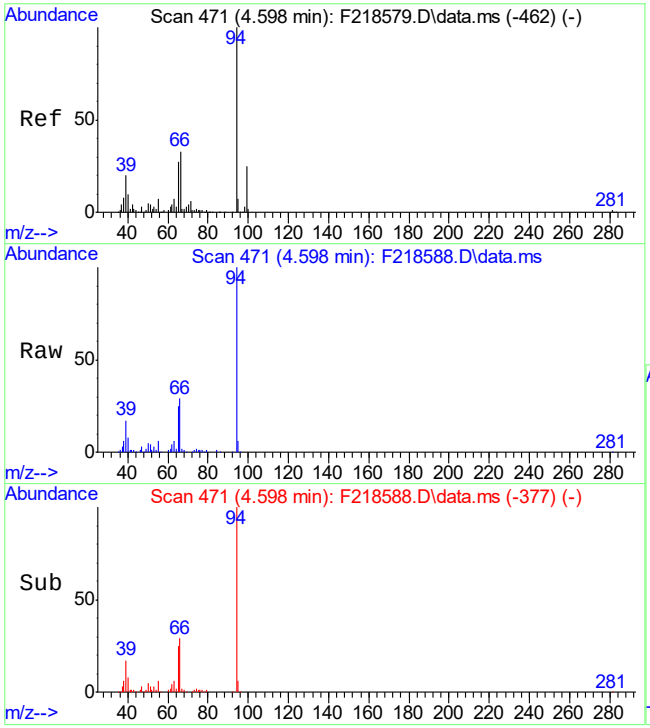
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218588.D
Acq On : 24 Jan 2024 3:36 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 25 10:57:05 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration

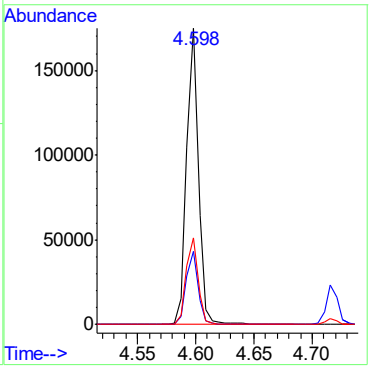


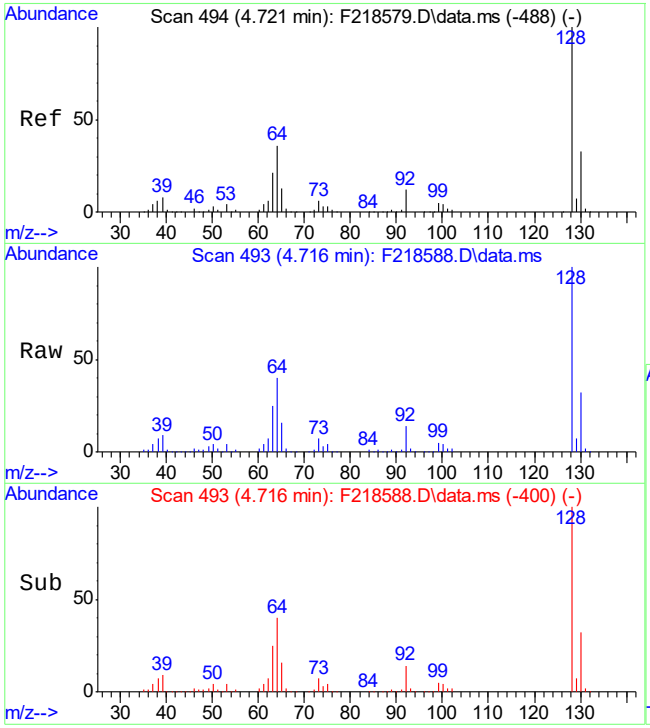


#9
Phenol
Concen: 47.52 ppm
RT: 4.598 min Scan# 471
Delta R.T. 0.000 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion: 94 Resp: 120275

Ion	Ratio	Lower	Upper
94	100		
65	24.6	0.0	56.7
66	29.2	2.3	62.3

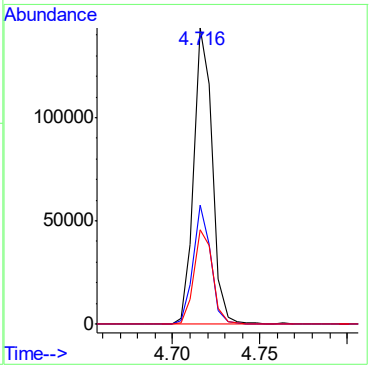


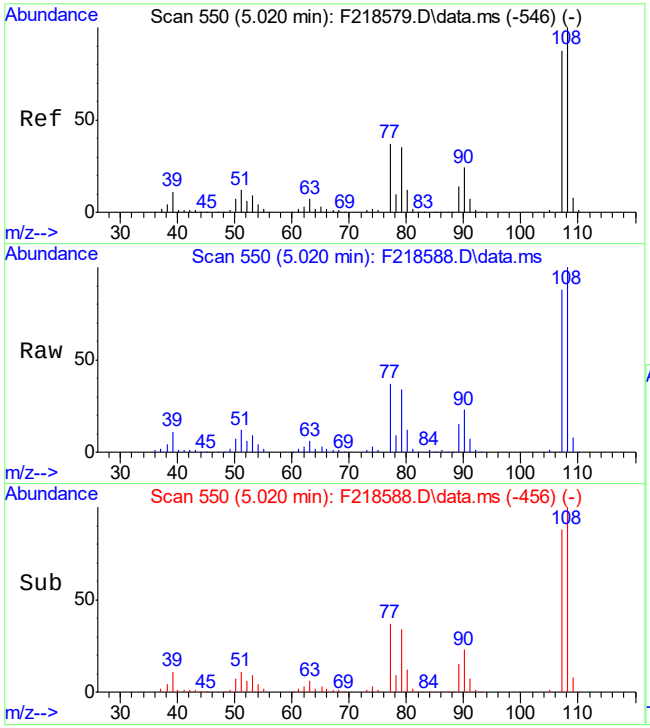


#12
2-Chlorophenol
Concen: 47.63 ppm
RT: 4.716 min Scan# 493
Delta R.T. -0.005 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:128 Resp: 105478

Ion	Ratio	Lower	Upper
128	100		
64	40.2	5.8	65.8
130	31.7	3.0	63.0

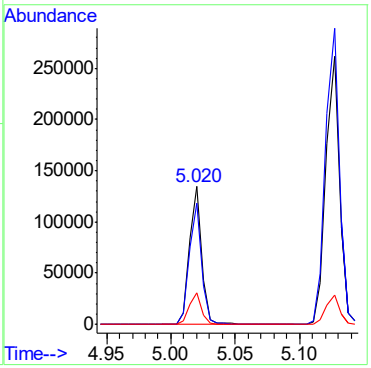


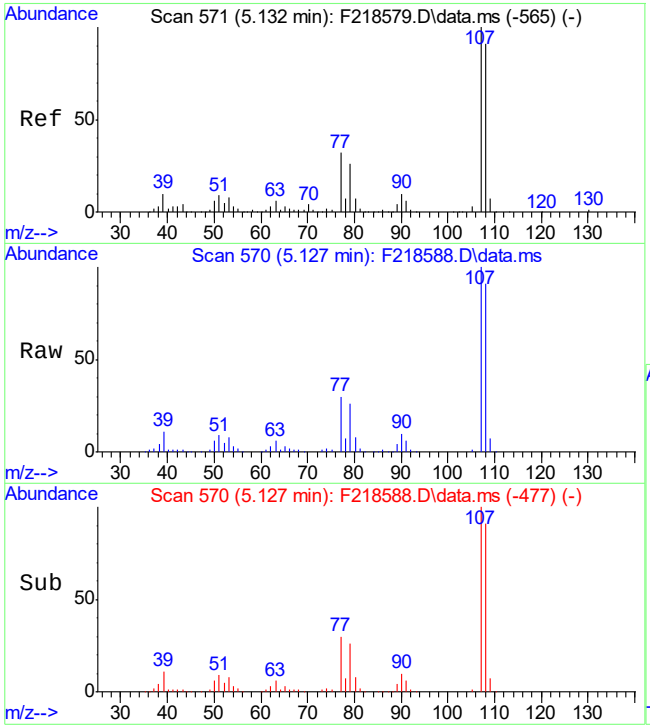


#19
2-Methylphenol
Concen: 46.44 ppm
RT: 5.020 min Scan# 550
Delta R.T. -0.000 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:108 Resp: 90985

Ion	Ratio	Lower	Upper
108	100		
107	87.7	56.9	116.9
90	23.0	0.0	53.5

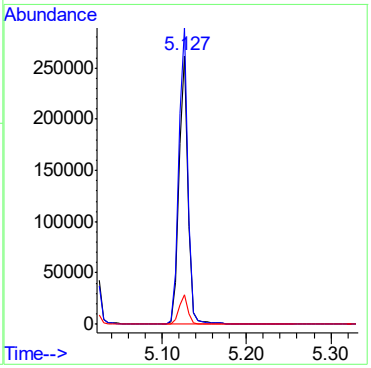


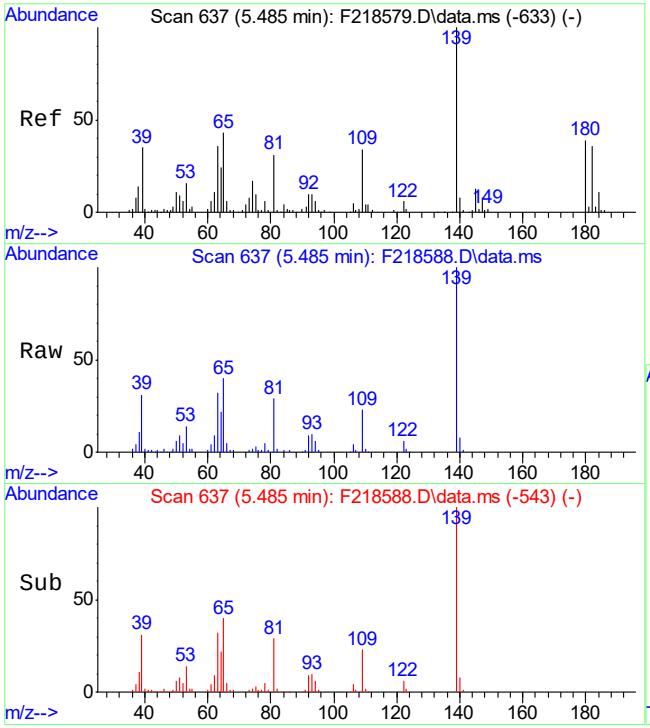


#21
3&4-Methylphenol
Concen: 95.30 ppm
RT: 5.127 min Scan# 570
Delta R.T. -0.005 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:108 Resp: 193415

Ion	Ratio	Lower	Upper
108	100		
107	110.3	79.5	139.5
90	10.9	0.0	40.5

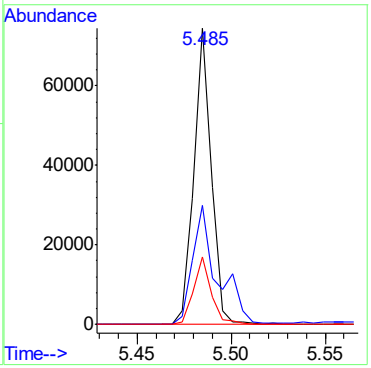


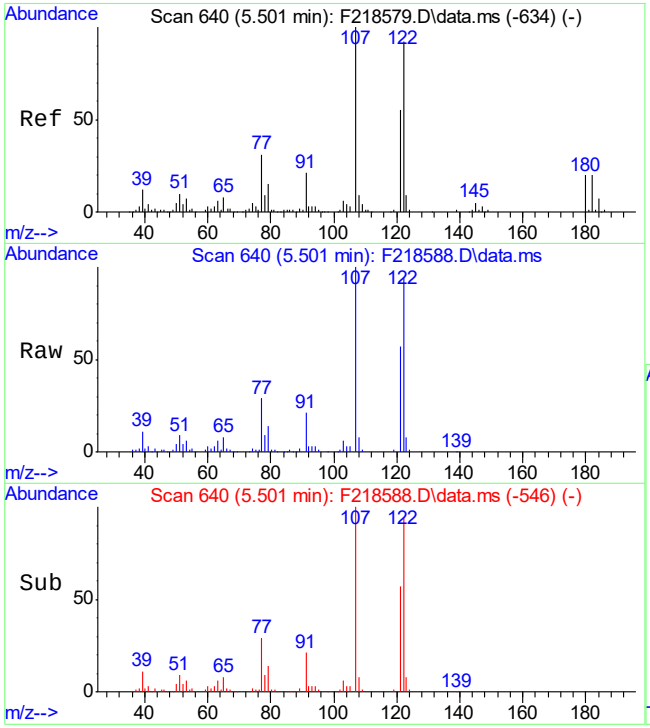


#29
2-Nitrophenol
Concen: 48.82 ppm
RT: 5.485 min Scan# 637
Delta R.T. -0.000 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:139 Resp: 47859

Ion	Ratio	Lower	Upper
139	100		
65	40.1	13.1	73.1
109	22.8	3.7	63.7

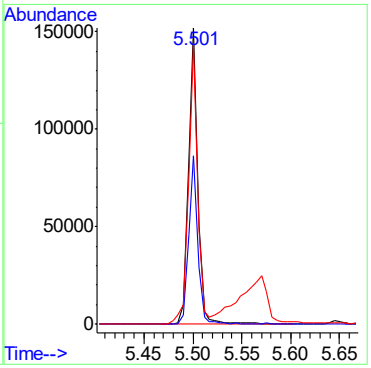


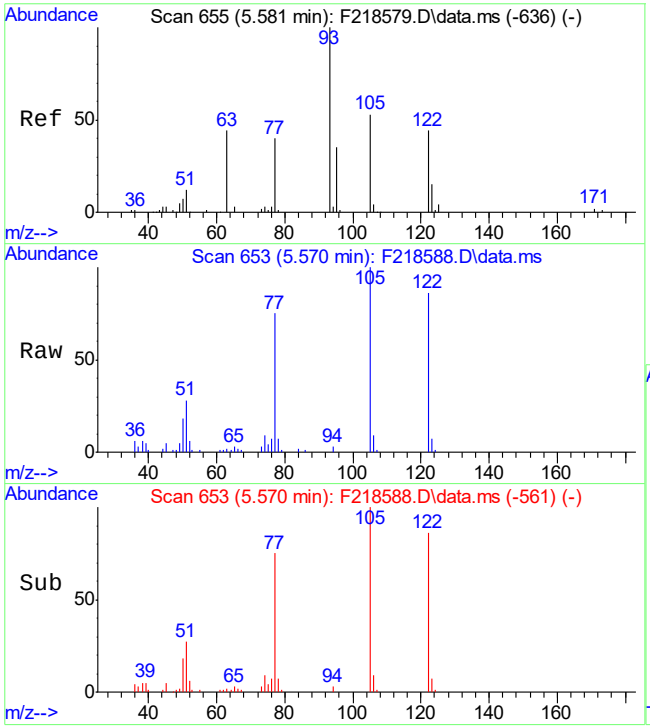


#30
2,4-Dimethylphenol
Concen: 46.35 ppm
RT: 5.501 min Scan# 640
Delta R.T. -0.000 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:107 Resp: 100839

Ion	Ratio	Lower	Upper
107	100		
121	56.8	25.4	85.4
122	94.1	57.3	117.3

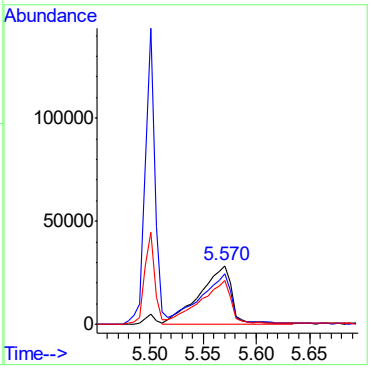


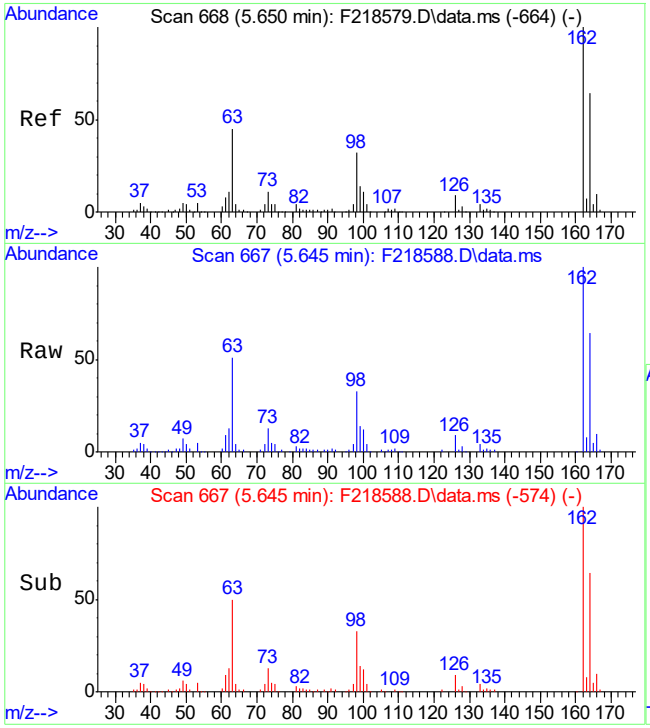


#31
Benzoic acid
Concen: 49.54 ppm
RT: 5.570 min Scan# 653
Delta R.T. -0.010 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:105 Resp: 61189

Ion	Ratio	Lower	Upper
105	100		
122	75.9	26.4	86.4
77	71.5	38.3	98.3

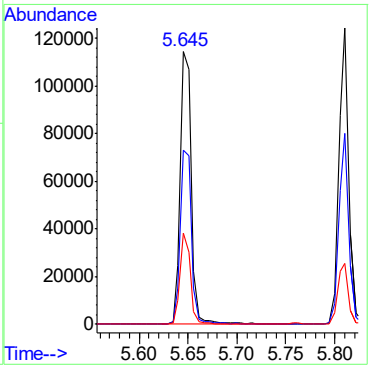


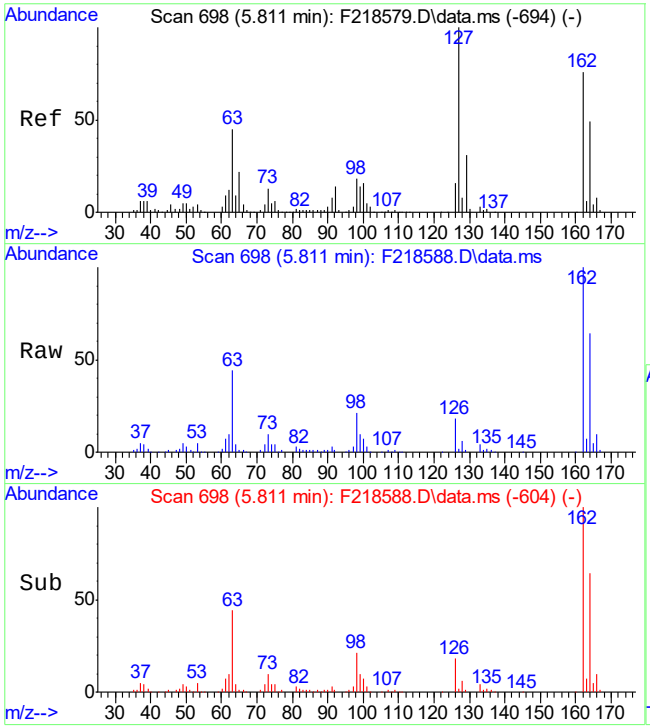


#33
2,4-Dichlorophenol
Concen: 48.20 ppm
RT: 5.645 min Scan# 667
Delta R.T. -0.005 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:162 Resp: 90032

Ion	Ratio	Lower	Upper
162	100		
164	63.8	33.6	93.6
98	33.1	1.5	61.5

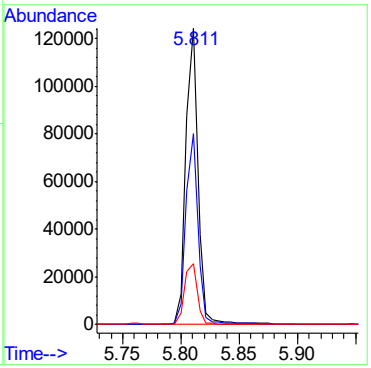


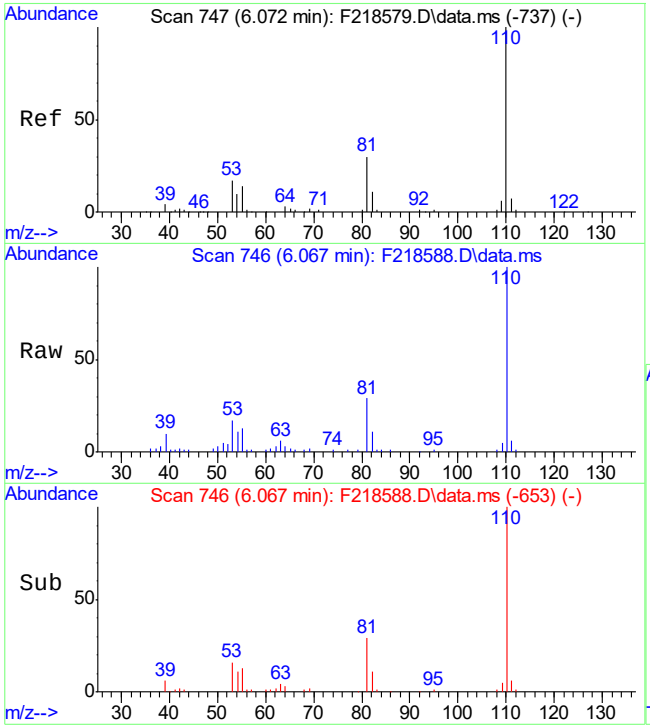


#34
2,6-Dichlorophenol
Concen: 46.87 ppm
RT: 5.811 min Scan# 698
Delta R.T. -0.000 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:162 Resp: 88502

Ion	Ratio	Lower	Upper
162	100		
164	64.4	34.9	94.9
98	20.5	0.0	53.2

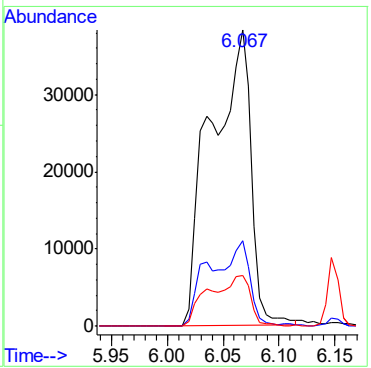


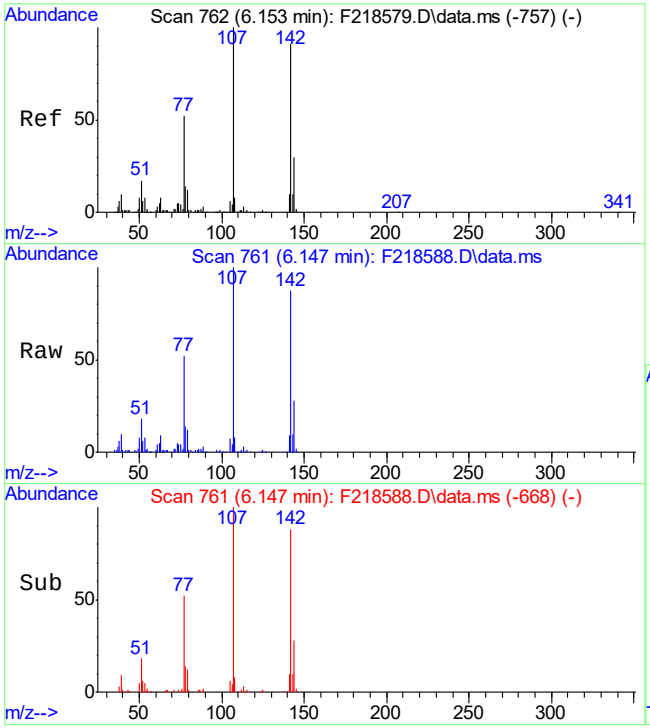


#41
Hydroquinone
Concen: 59.67 ppm m
RT: 6.067 min Scan# 746
Delta R.T. -0.005 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:110 Resp: 95734

Ion	Ratio	Lower	Upper
110	100		
81	28.6	0.0	59.9
53	17.3	0.0	47.7

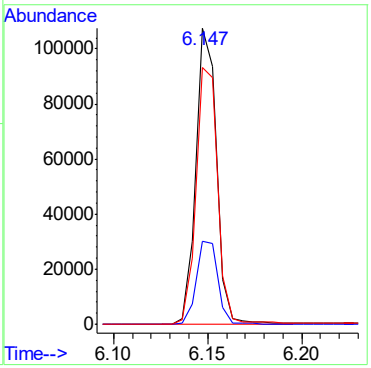


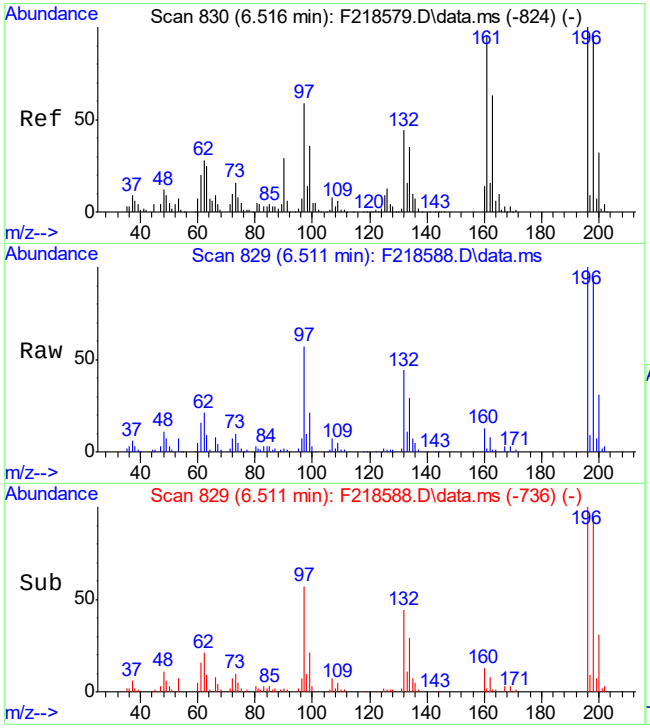


#43
4-Chloro-3-methylphenol
Concen: 48.13 ppm
RT: 6.147 min Scan# 761
Delta R.T. -0.005 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:107 Resp: 82231

Ion	Ratio	Lower	Upper
107	100		
144	28.2	0.0	59.9
142	86.6	61.5	121.5

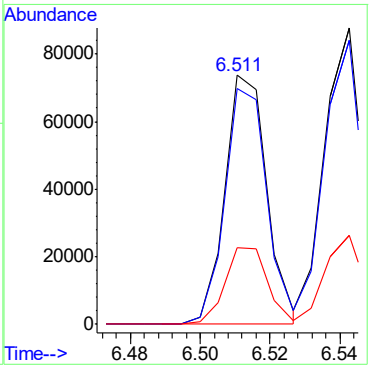


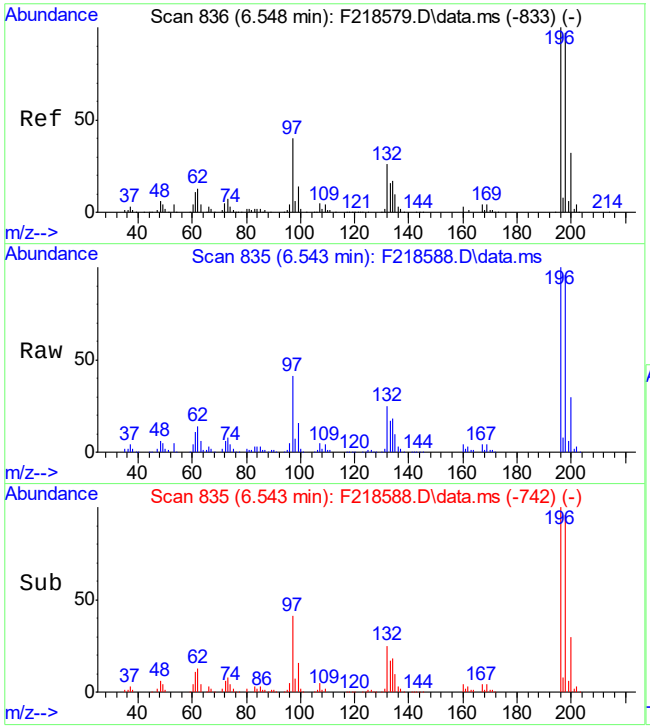


#49
2,4,6-Trichlorophenol
Concen: 46.83 ppm
RT: 6.511 min Scan# 829
Delta R.T. -0.005 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:196 Resp: 61128

Ion	Ratio	Lower	Upper
196	100		
198	94.1	66.3	126.3
200	30.7	1.8	61.8

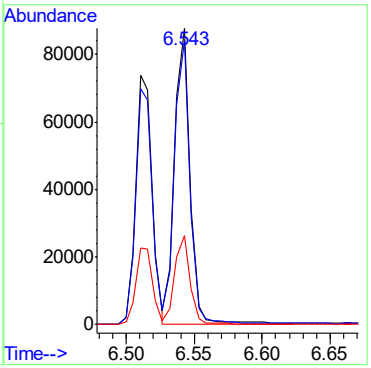


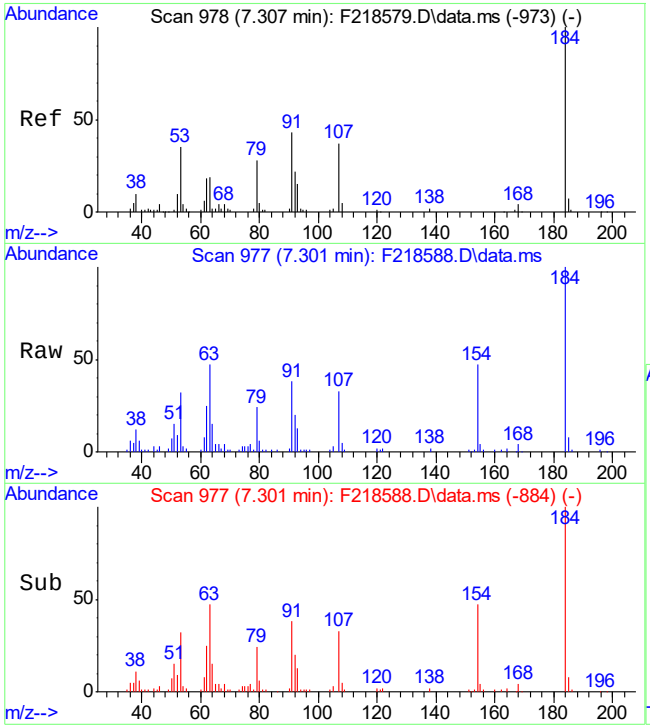


#50
2,4,5-Trichlorophenol
Concen: 48.53 ppm
RT: 6.543 min Scan# 835
Delta R.T. -0.005 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:196 Resp: 70417

Ion	Ratio	Lower	Upper
196	100		
198	95.3	66.8	126.8
200	30.2	1.7	61.7

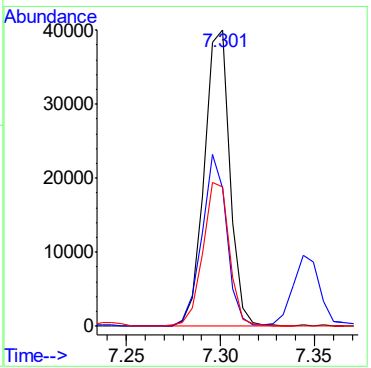


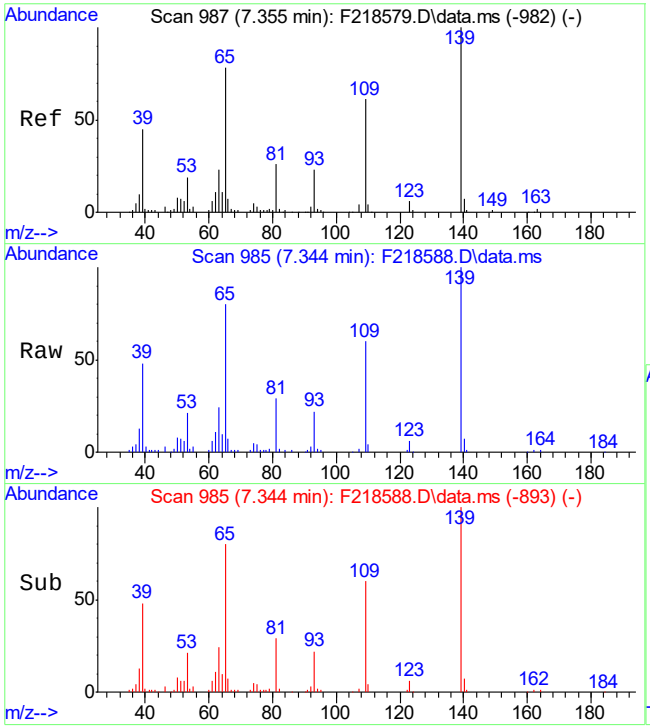


#60
2,4-Dinitrophenol
Concen: 94.67 ppm
RT: 7.301 min Scan# 977
Delta R.T. -0.005 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:184 Resp: 37655

Ion	Ratio	Lower	Upper
184	100		
63	39.9	0.0	60.0
154	46.9	0.0	30.0#

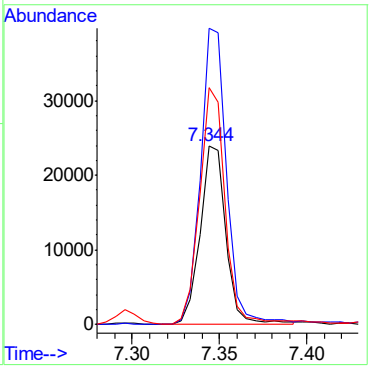


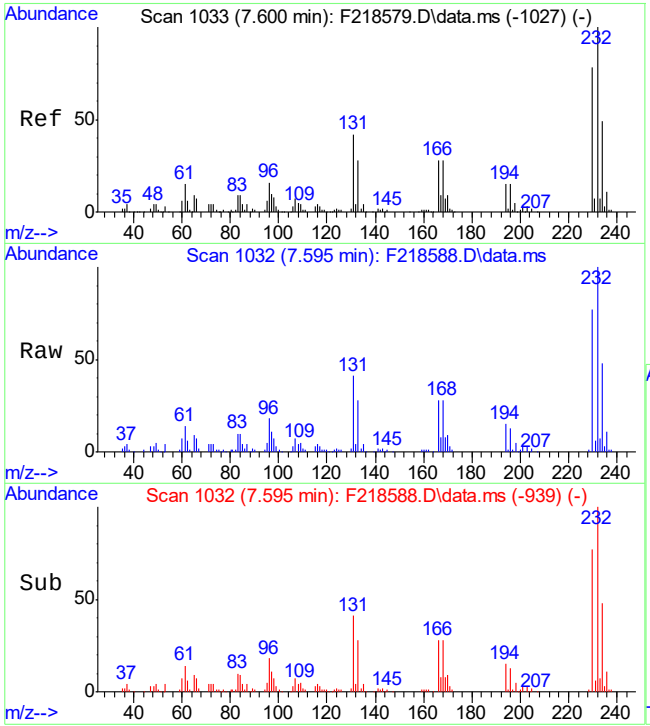


#61
4-Nitrophenol
Concen: 49.07 ppm
RT: 7.344 min Scan# 985
Delta R.T. -0.011 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:109 Resp: 24509

Ion	Ratio	Lower	Upper
109	100		
139	166.3	134.4	194.4
65	132.7	98.6	158.6

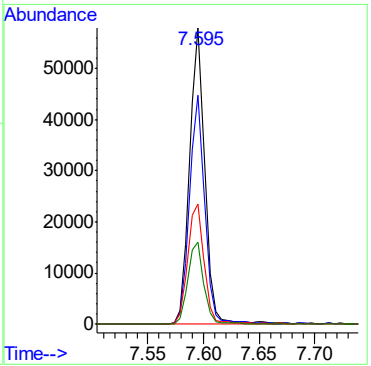


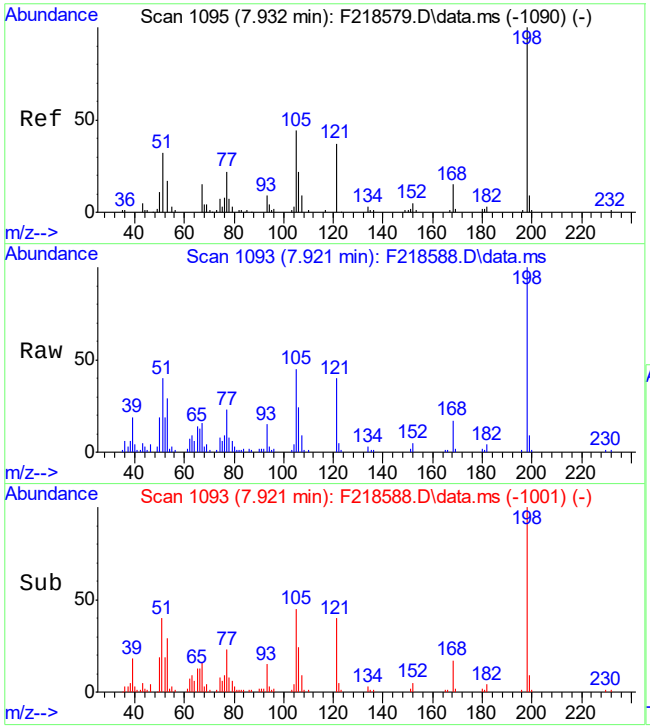


#64
2,3,4,6-Tetrachlorophenol
Concen: 50.74 ppm
RT: 7.595 min Scan# 1032
Delta R.T. -0.005 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:232 Resp: 55523

Ion	Ratio	Lower	Upper
232	100		
230	77.3	48.4	108.4
131	40.5	11.7	71.7
133	27.6	0.0	57.9

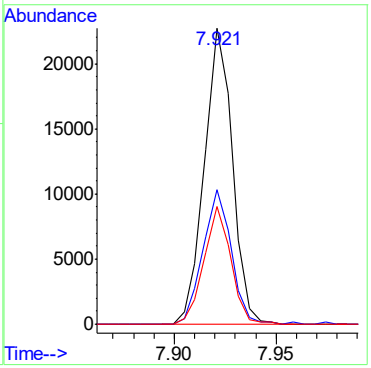


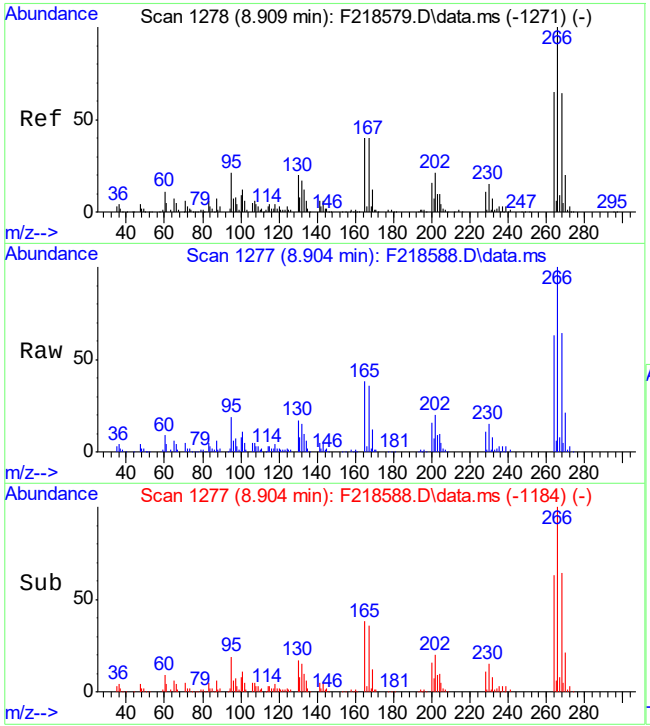


#70
4,6-Dinitro-2-methylphenol
Concen: 42.96 ppm
RT: 7.921 min Scan# 1093
Delta R.T. -0.010 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:198 Resp: 21636

Ion	Ratio	Lower	Upper
198	100		
105	44.9	14.8	74.8
121	39.8	7.1	67.1

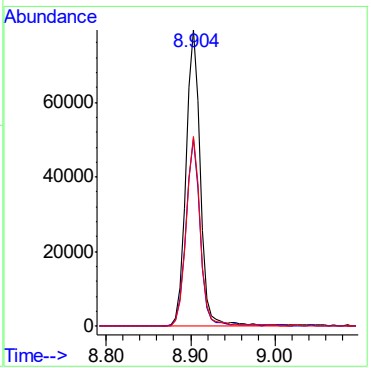




#76
Pentachlorophenol
Concen: 101.24 ppm
RT: 8.904 min Scan# 1277
Delta R.T. -0.005 min
Lab File: F218588.D
Acq: 24 Jan 2024 3:36 pm

Tgt Ion:266 Resp: 94515

Ion	Ratio	Lower	Upper
266	100		
264	63.3	34.7	94.7
268	64.2	33.8	93.8



Manual Integration Approval Summary

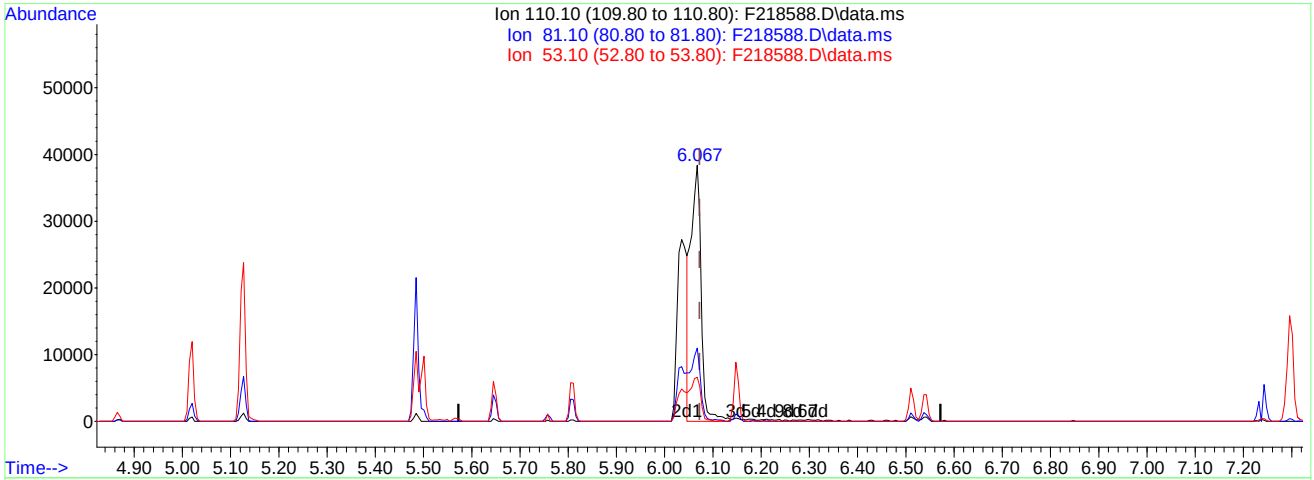
Sample Number: EF9690-ICV9690
Lab FileID: F218588.D
Injection Time: 01/24/24 15:36
Method: SW846 8270E
Analyst approved: 01/25/24 11:22 Ying Li
Supervisor approved: 01/29/24 19:23 Nina Pandya

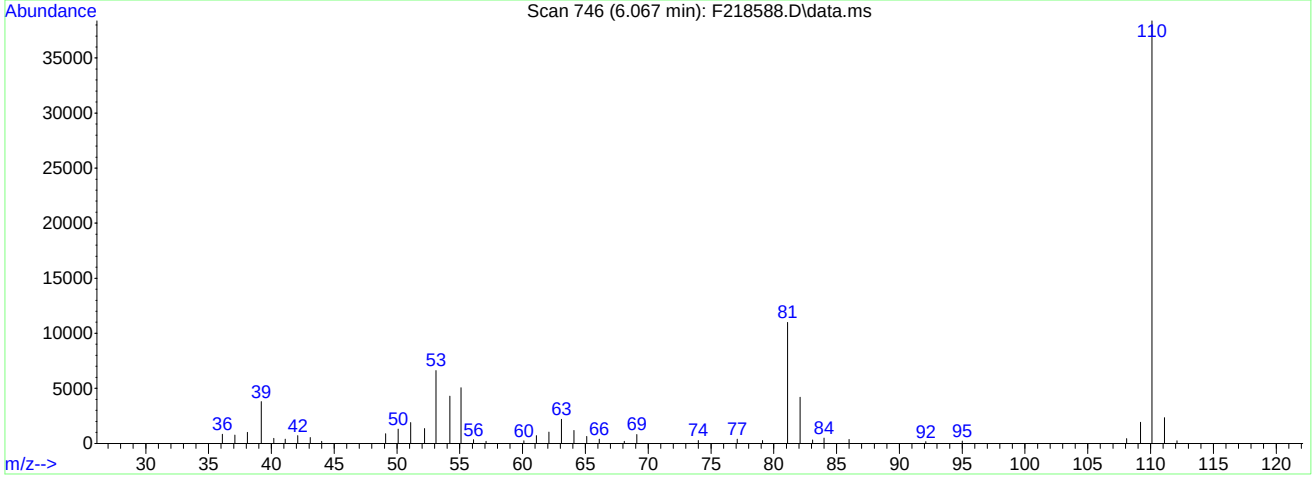
Parameter	CAS	Sig#	R.T. (min.)	Reason
Hydroquinone	123-31-9		6.07	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218588.D
Acq On : 24 Jan 2024 3:36 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 25 10:38:24 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration





TIC: F218588.D\data.ms

(41) Hydroquinone (t)

6.067min (-0.005) 36.32ppm

response 58267

Ion	Exp%	Act%
110.10	100	100
81.10	29.90	28.09
53.10	17.70	16.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218589.D
Acq On : 24 Jan 2024 4:02 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 25 10:59:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	72790	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	284092	40.00	ppm	0.00
46) Acenaphthene-d10	7.242	164	157974	40.00	ppm	0.00
69) Phenanthrene-d10	9.213	188	290040	40.00	ppm	0.00
83) Chrysene-d12	14.577	240	255401	40.00	ppm	-0.01
92) Perylene-d12	17.638	264	292335	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	72790	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	284092	40.00	ppm	0.00
121) Acenaphthene-d10A	7.242	164	157974	40.00	ppm	0.00
132) Phenanthrene-d10A	9.213	188	290040	40.00	ppm	0.00
147) Chrysene-d12A	14.577	240	255401	40.00	ppm	-0.01
154) Perylene-d12A	17.638	264	292335	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	72790	40.00	ppm	0.00
159) Phenanthrene-d10b	9.213	188	290040	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	284092	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	284092	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	72790	40.00	ppm	0.00
169) Chrysene-d12c	14.577	240	255401	40.00	ppm	-0.01
171) Chrysene-d12d	14.577	240	255401	40.00	ppm	-0.01
173) Naphthalene-d8d	5.757	136	284092	40.00	ppm	0.00
175) Chrysene-d12e	14.577	240	255401	40.00	ppm	-0.01
177) Perylene-d12b	17.638	264	292335	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	284092	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
3) Pyridine	3.070	79	107550	48.56	ppm	99
4) N-Nitrosodimethylamine	3.038	42	36472	51.91	ppm	100
10) Aniline	4.635	93	157286	49.48	ppm	67
22) n-Nitroso-di-n-propyla...	5.137	70	70947	48.41	ppm	96
39) 4-Chloroaniline	5.805	127	134081	47.24	ppm	97
54) 2-Nitroaniline	6.788	65	45161	49.78	ppm	99
58) 3-Nitroaniline	7.194	138	53251	49.71	ppm	91
68) 4-Nitroaniline	7.894	138	51984	47.64	ppm	98
71) n-Nitrosodiphenylamine	8.017	169	191936	47.05	ppm	99
84) Benzidine	11.804	184	245479	59.13	ppm	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218589.D
Acq On : 24 Jan 2024 4:02 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 25 10:59:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration

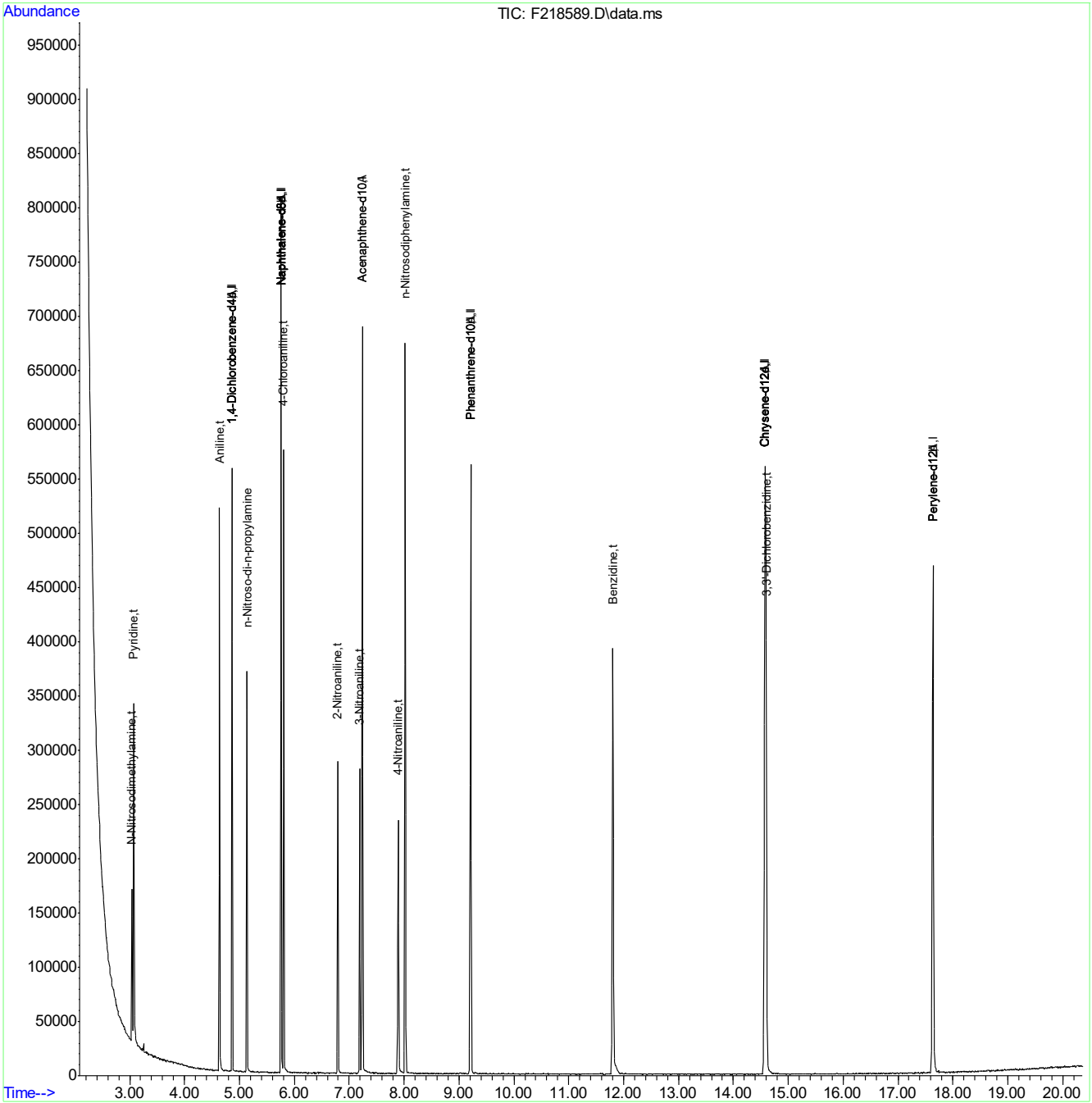
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) 3,3'-Dichlorobenzidine	14.598	252	145699	52.08	ppm	99

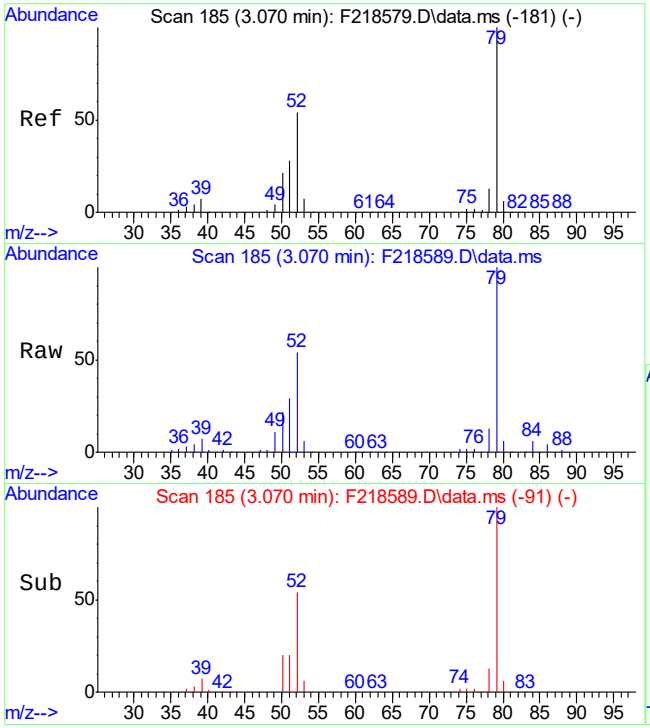
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9690\
Data File : F218589.D
Acq On : 24 Jan 2024 4:02 pm
Operator : ninap
Sample : icv9690-50
Misc : op51881,ef9690,1000,,,1,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 25 10:59:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Thu Jan 25 10:36:23 2024
Response via : Initial Calibration

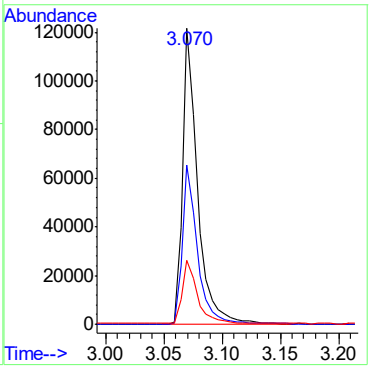


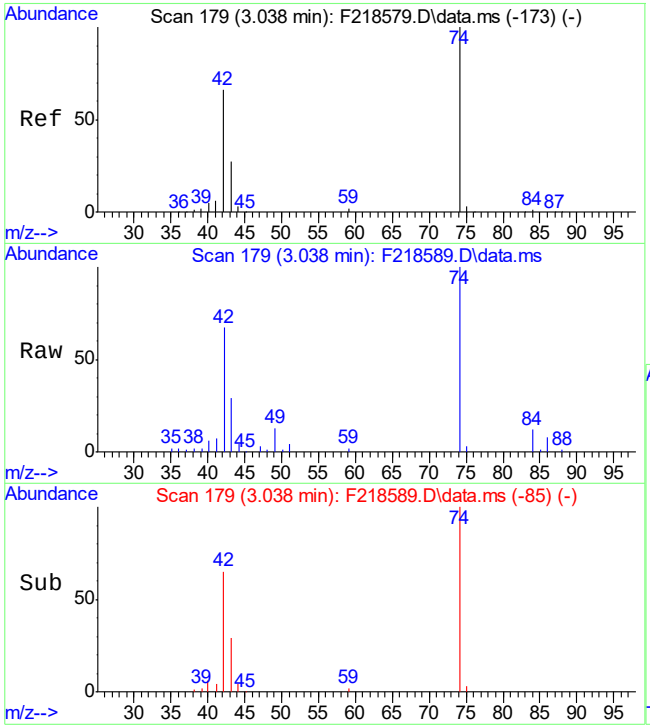


#3
Pyridine
Concen: 48.56 ppm
RT: 3.070 min Scan# 185
Delta R.T. -0.000 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion: 79 Resp: 107550

Ion	Ratio	Lower	Upper
79	100		
52	54.0	23.7	83.7
50	21.4	0.0	51.1

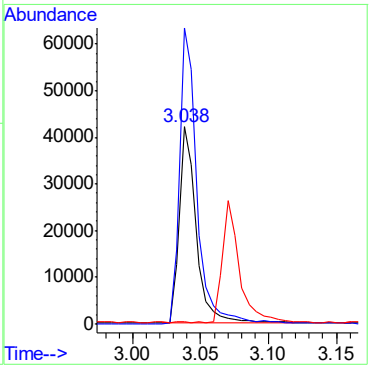


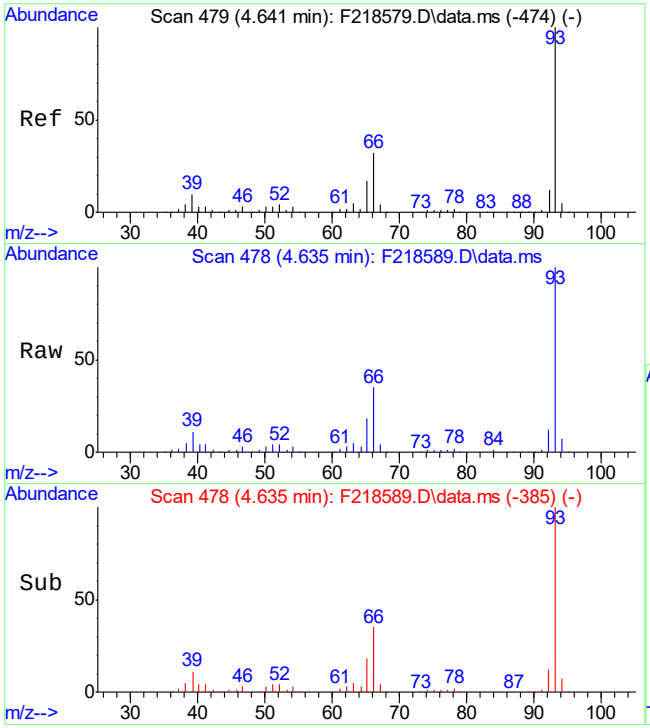


#4
N-Nitrosodimethylamine
Concen: 51.91 ppm
RT: 3.038 min Scan# 179
Delta R.T. -0.000 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion: 42 Resp: 36472

Ion	Ratio	Lower	Upper
42	100		
74	150.6	120.8	180.8
50	0.0	0.0	30.0

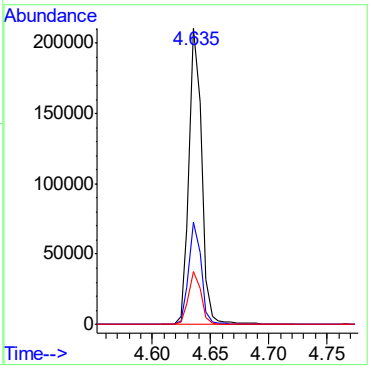


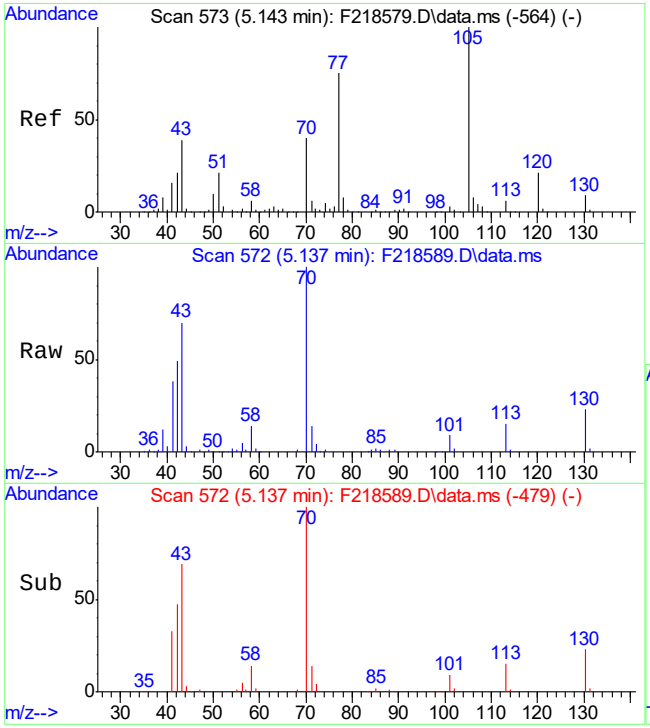


#10
Aniline
Concen: 49.48 ppm
RT: 4.635 min Scan# 478
Delta R.T. -0.006 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion: 93 Resp: 157286

Ion	Ratio	Lower	Upper
93	100		
66	34.7	0.0	49.7
65	18.0	0.0	36.7

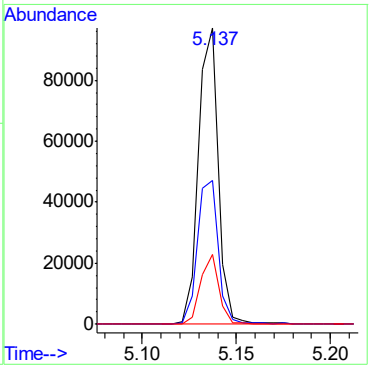


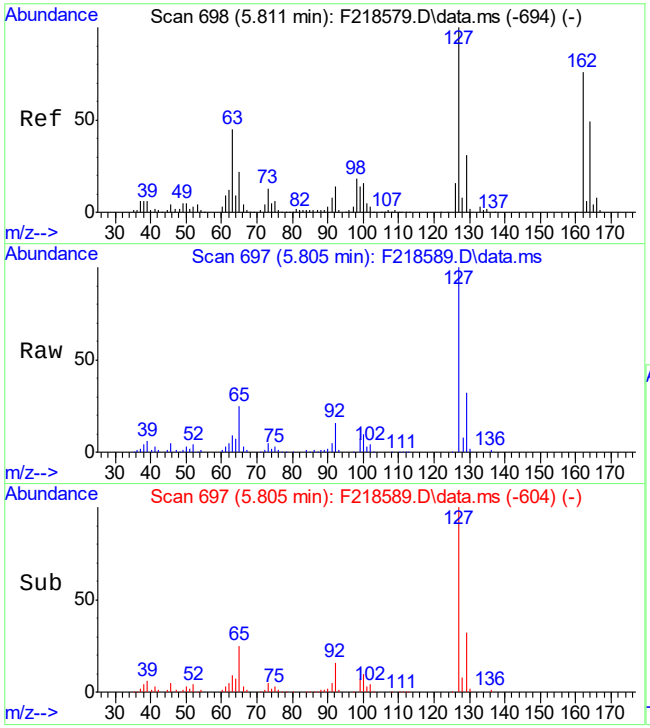


#22
n-Nitroso-di-n-propylamine
Concen: 48.41 ppm
RT: 5.137 min Scan# 572
Delta R.T. -0.006 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion: 70 Resp: 70947

Ion	Ratio	Lower	Upper
70	100		
42	48.6	36.2	67.2
130	23.5	15.6	29.0

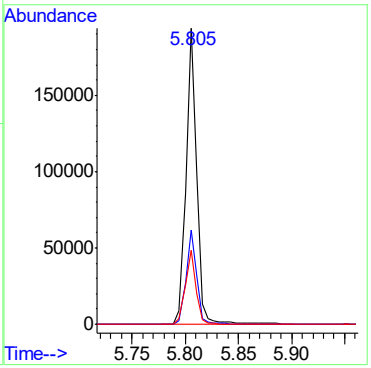


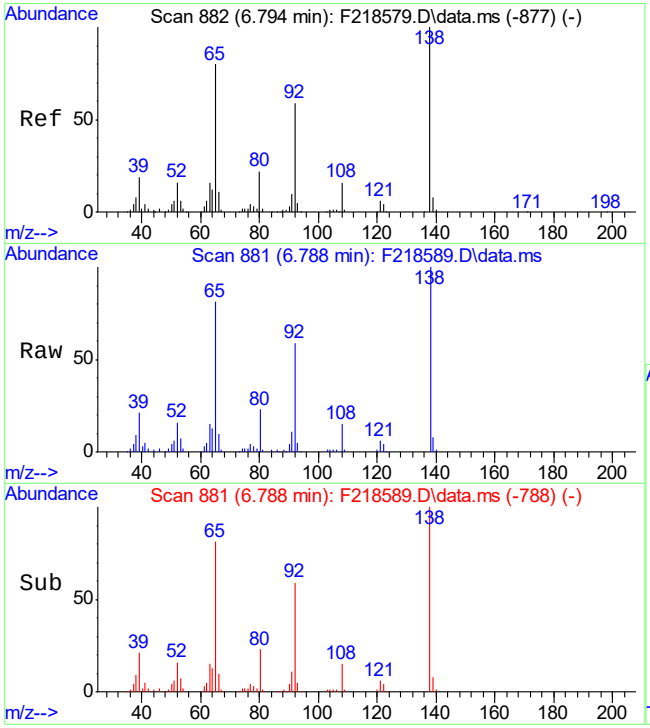


#39
4-Chloroaniline
Concen: 47.24 ppm
RT: 5.805 min Scan# 697
Delta R.T. -0.006 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion:127 Resp: 134081

Ion	Ratio	Lower	Upper
127	100		
129	31.7	1.5	61.5
65	24.9	0.0	51.5

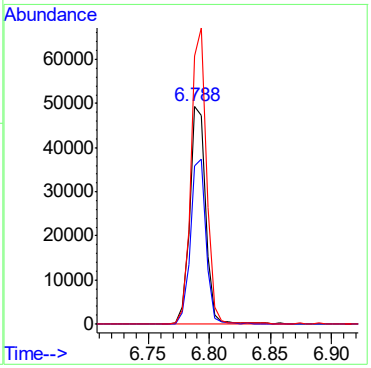


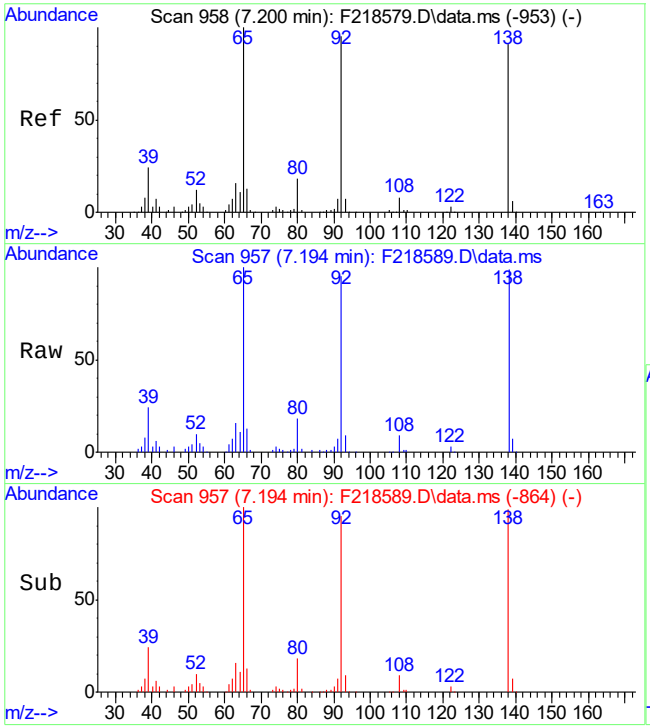


#54
2-Nitroaniline
Concen: 49.78 ppm
RT: 6.788 min Scan# 881
Delta R.T. -0.006 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion: 65 Resp: 45161

Ion	Ratio	Lower	Upper
65	100		
92	72.7	43.2	103.2
138	122.9	94.6	154.6

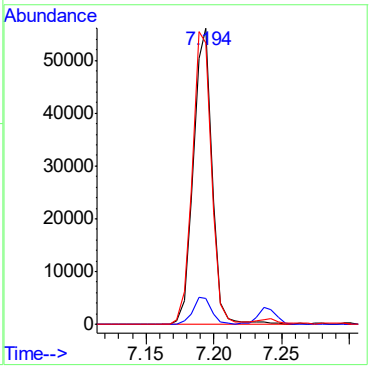


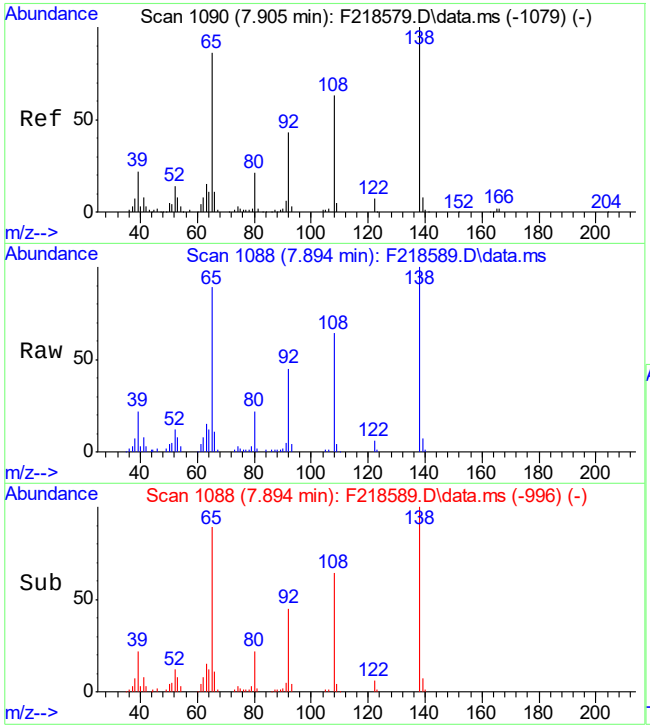


#58
3-Nitroaniline
Concen: 49.71 ppm
RT: 7.194 min Scan# 957
Delta R.T. -0.005 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion:138 Resp: 53251

Ion	Ratio	Lower	Upper
138	100		
108	8.6	0.0	38.0
92	95.1	74.4	134.4

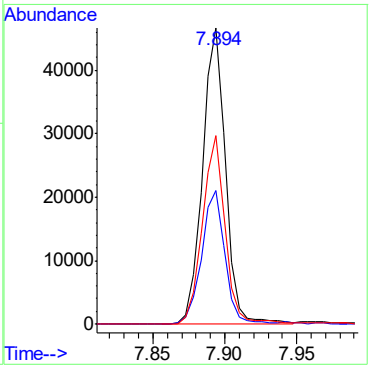


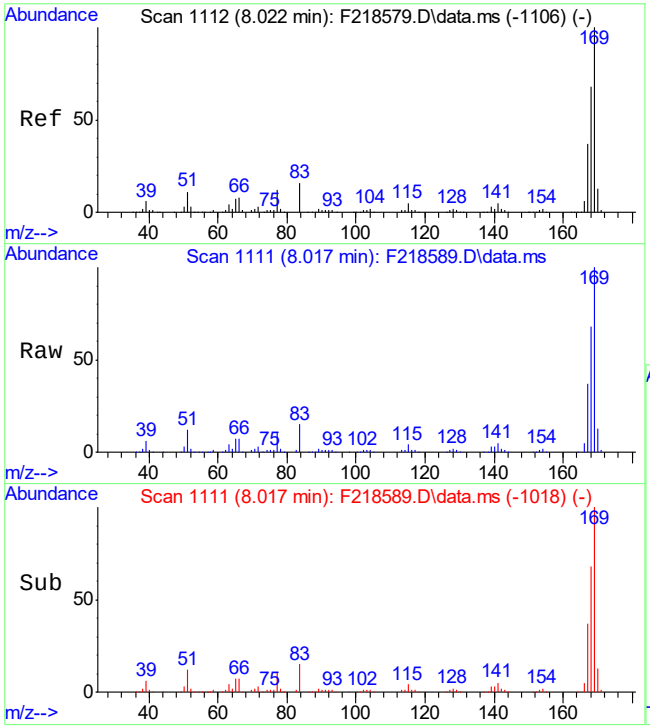


#68
4-Nitroaniline
Concen: 47.64 ppm
RT: 7.894 min Scan# 1088
Delta R.T. -0.010 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion:138 Resp: 51984

Ion	Ratio	Lower	Upper
138	100		
92	44.9	13.3	73.3
108	63.5	32.8	92.8

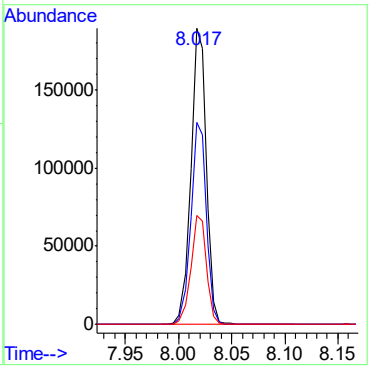


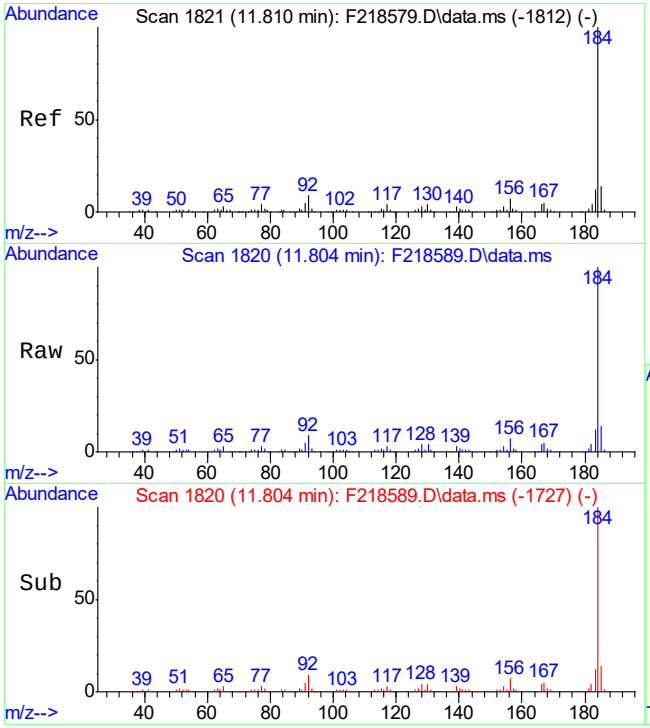


#71
n-Nitrosodiphenylamine
Concen: 47.05 ppm
RT: 8.017 min Scan# 1111
Delta R.T. -0.006 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion:169 Resp: 191936

Ion	Ratio	Lower	Upper
169	100		
168	68.3	37.7	97.7
167	36.8	7.1	67.1

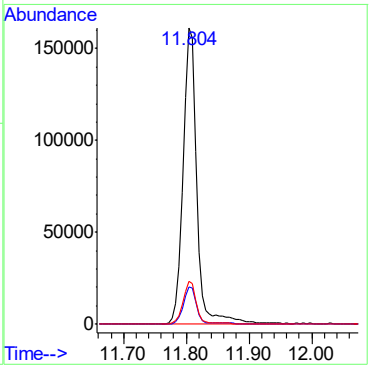


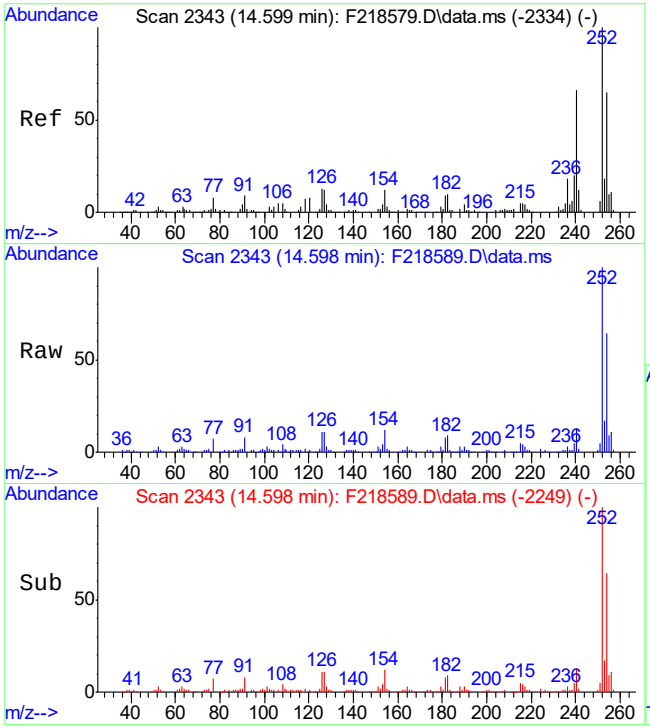


#84
Benzidine
Concen: 59.13 ppm
RT: 11.804 min Scan# 1820
Delta R.T. -0.006 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion:184 Resp: 245479

Ion	Ratio	Lower	Upper
184	100		
183	12.5	0.0	61.9
185	14.3	0.0	63.7

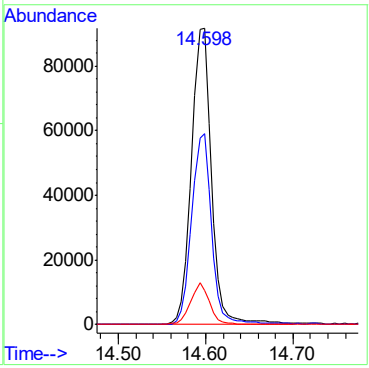




#89
3,3'-Dichlorobenzidine
Concen: 52.08 ppm
RT: 14.598 min Scan# 2343
Delta R.T. -0.000 min
Lab File: F218589.D
Acq: 24 Jan 2024 4:02 pm

Tgt Ion:252 Resp: 145699

Ion	Ratio	Lower	Upper
252	100		
254	64.4	34.6	94.6
126	11.3	0.0	43.3



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218591.D
Acq On : 25 Jan 2024 12:20 pm
Operator : ninap
Sample : icc9691-50
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 26 09:42:23 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

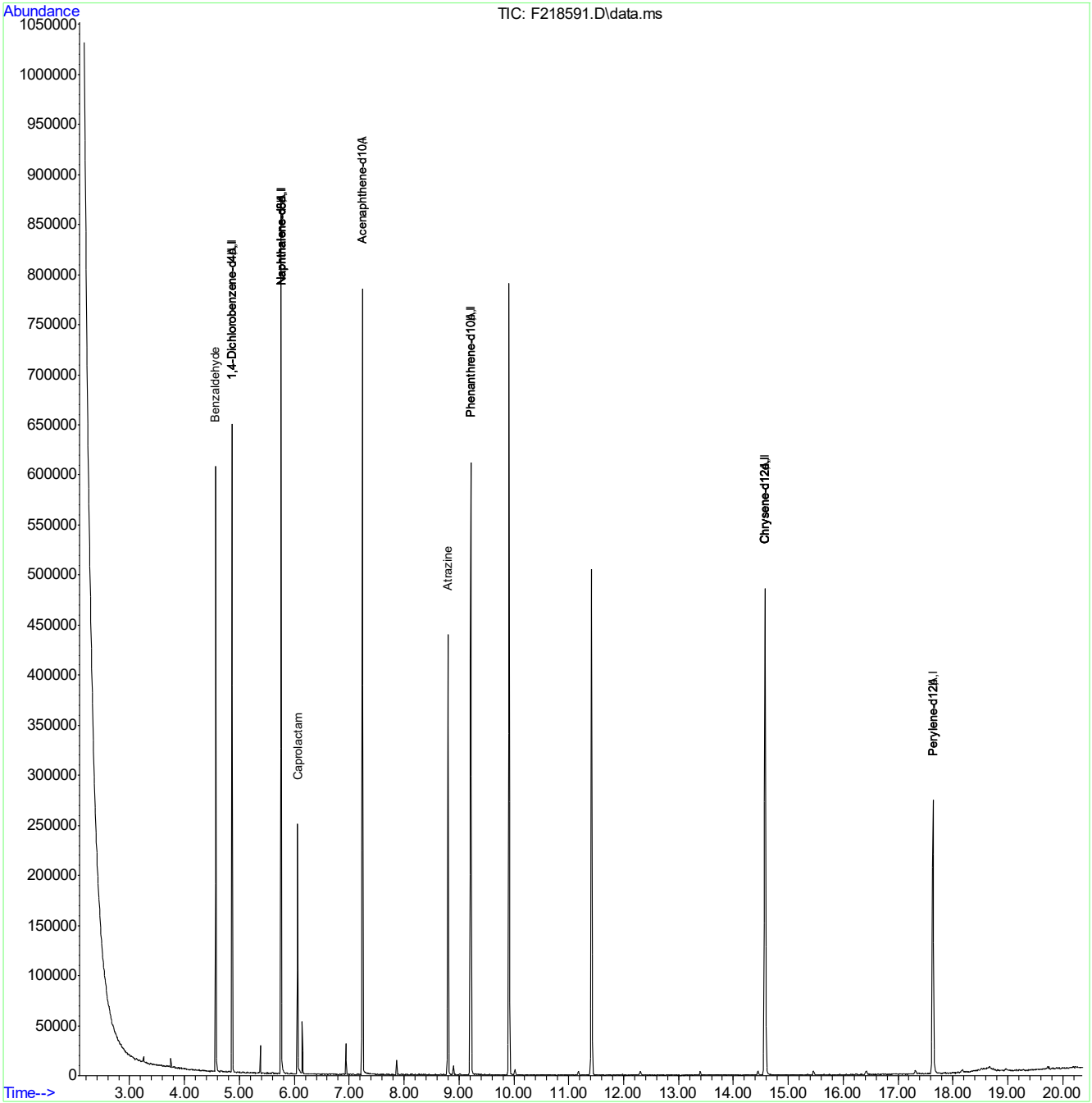
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	80220	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	310616	40.00	ppm	0.00
46) Acenaphthene-d10	7.242	164	165629	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	308024	40.00	ppm	0.00
83) Chrysene-d12	14.577	240	263191	40.00	ppm	-0.01
92) Perylene-d12	17.638	264	171786	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	80220	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	310616	40.00	ppm	0.00
121) Acenaphthene-d10A	7.242	164	165629	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	308024	40.00	ppm	0.00
147) Chrysene-d12A	14.577	240	263191	40.00	ppm	-0.01
154) Perylene-d12A	17.638	264	171786	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	80220	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	308024	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	310616	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	310616	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	80220	40.00	ppm	0.00
169) Chrysene-d12c	14.577	240	263191	40.00	ppm	-0.01
171) Chrysene-d12d	14.577	240	263191	40.00	ppm	-0.01
173) Naphthalene-d8d	5.757	136	310616	40.00	ppm	0.00
175) Chrysene-d12e	14.577	240	263191	40.00	ppm	-0.01
177) Perylene-d12b	17.638	264	171786	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	310616	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.566	105	101019	50.00	ppm	100
160) Atrazine	8.802	200	68130	50.00	ppm	100
162) Caprolactam	6.062	55	38764	50.00	ppm	100

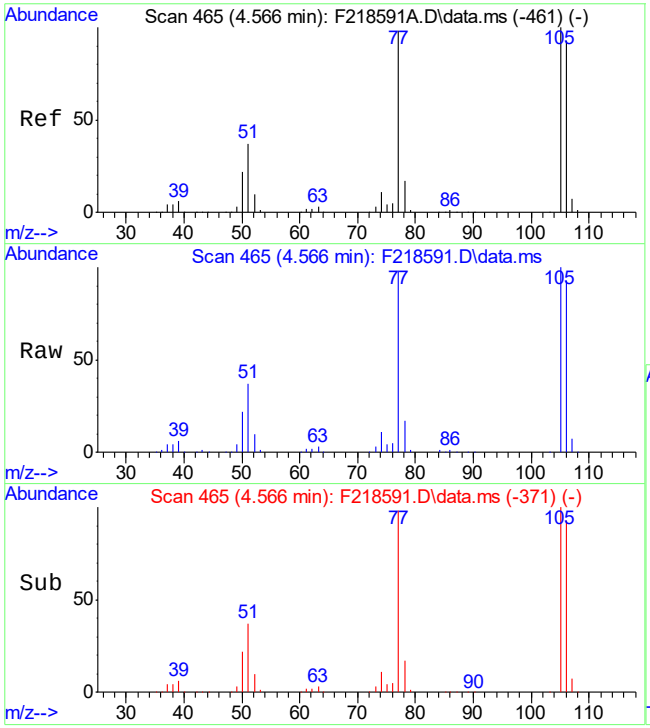
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218591.D
Acq On : 25 Jan 2024 12:20 pm
Operator : ninap
Sample : icc9691-50
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 26 09:42:23 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

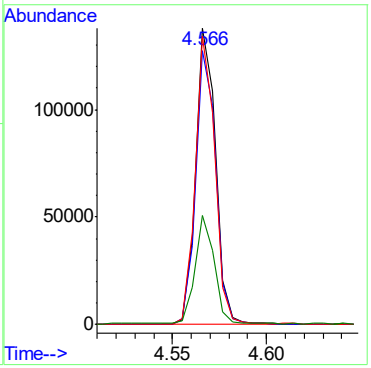


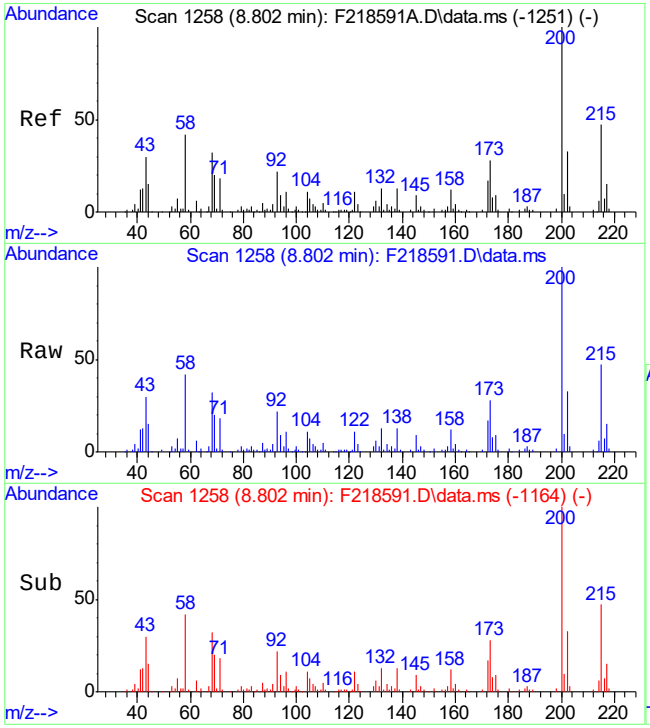


#158
Benzaldehyde
Concen: 50.00 ppm
RT: 4.566 min Scan# 465
Delta R.T. 0.000 min
Lab File: F218591.D
Acq: 25 Jan 2024 12:20 pm

Tgt Ion:105 Resp: 101019

Ion	Ratio	Lower	Upper
105	100		
106	92.6	62.6	122.6
77	97.4	67.4	127.4
51	36.5	6.5	66.5

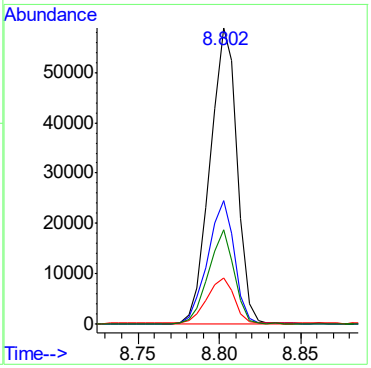


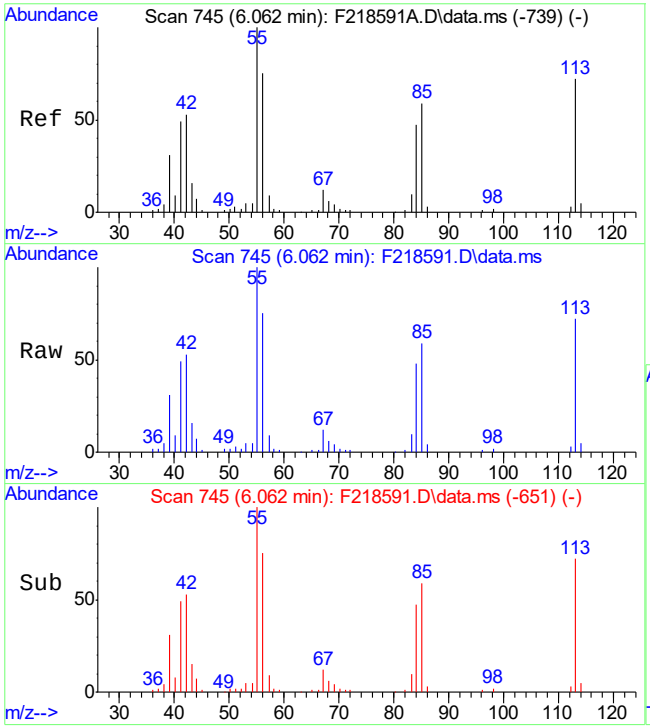


#160
Atrazine
Concen: 50.00 ppm
RT: 8.802 min Scan# 1258
Delta R.T. 0.000 min
Lab File: F218591.D
Acq: 25 Jan 2024 12:20 pm

Tgt Ion:200 Resp: 68130

Ion	Ratio	Lower	Upper
200	100		
58	41.6	11.6	71.6
44	15.1	0.0	45.1
68	31.7	1.7	61.7

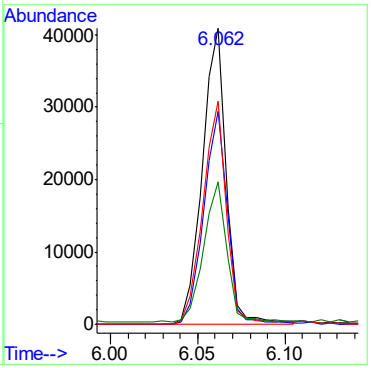




#162
Caprolactam
Concen: 50.00 ppm
RT: 6.062 min Scan# 745
Delta R.T. 0.000 min
Lab File: F218591.D
Acq: 25 Jan 2024 12:20 pm

Tgt Ion: 55 Resp: 38764

Ion	Ratio	Lower	Upper
55	100		
113	72.1	42.1	102.1
56	75.3	45.3	105.3
84	47.2	17.2	77.2



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218592.D
Acq On : 25 Jan 2024 12:46 pm
Operator : ninap
Sample : ic9691-1
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 26 09:43:55 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

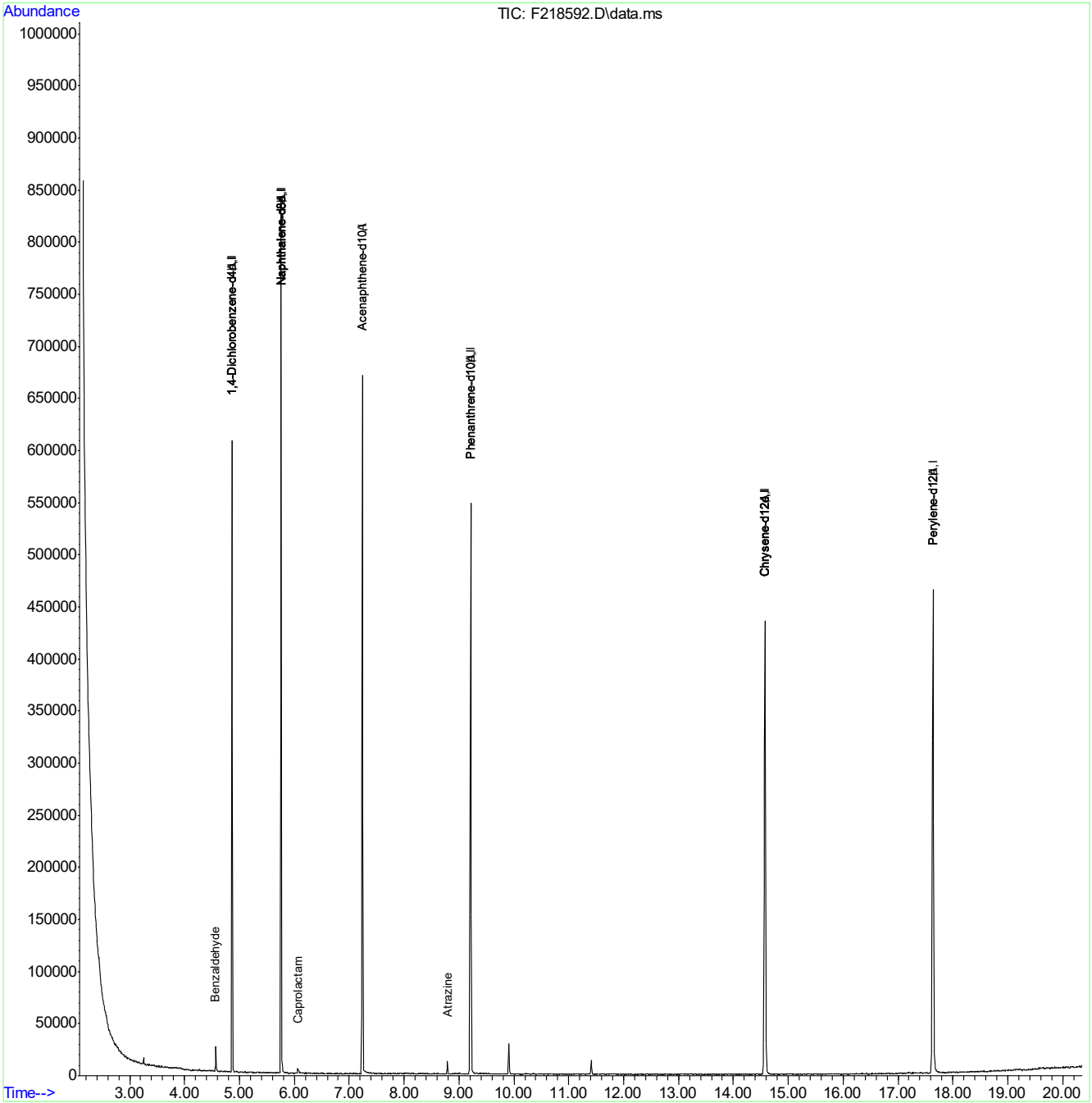
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	73535	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	288636	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	153778	40.00	ppm	0.00
69) Phenanthrene-d10	9.213	188	280801	40.00	ppm	0.00
83) Chrysene-d12	14.577	240	243381	40.00	ppm	-0.01
92) Perylene-d12	17.638	264	287091	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	73535	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	288636	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	153778	40.00	ppm	0.00
132) Phenanthrene-d10A	9.213	188	280801	40.00	ppm	0.00
147) Chrysene-d12A	14.577	240	243381	40.00	ppm	-0.01
154) Perylene-d12A	17.638	264	287091	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	73535	40.00	ppm	0.00
159) Phenanthrene-d10b	9.213	188	280801	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	288636	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	288636	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	73535	40.00	ppm	0.00
169) Chrysene-d12c	14.577	240	243381	40.00	ppm	-0.01
171) Chrysene-d12d	14.577	240	243381	40.00	ppm	-0.01
173) Naphthalene-d8d	5.757	136	288636	40.00	ppm	0.00
175) Chrysene-d12e	14.577	240	243381	40.00	ppm	-0.01
177) Perylene-d12b	17.638	264	287091	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	288636	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.566	105	3992	2.16	ppm	87
160) Atrazine	8.791	200	2290	1.84	ppm	88
162) Caprolactam	6.062	55	1234	1.71	ppm	86

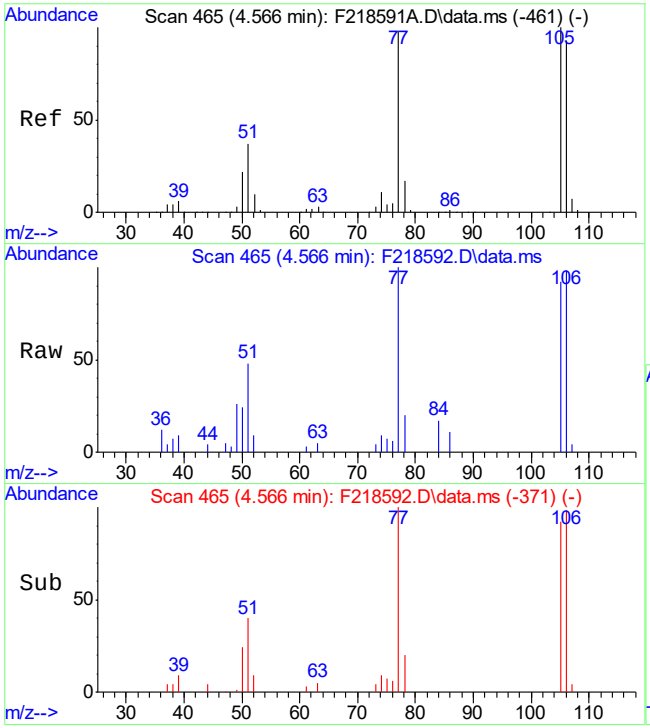
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218592.D
Acq On : 25 Jan 2024 12:46 pm
Operator : ninap
Sample : ic9691-1
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 26 09:43:55 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

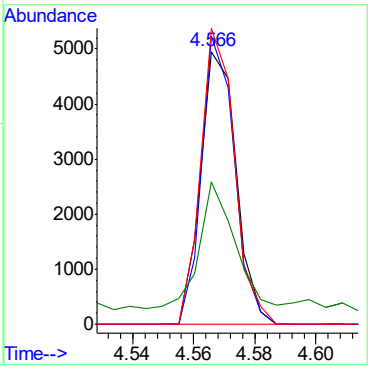


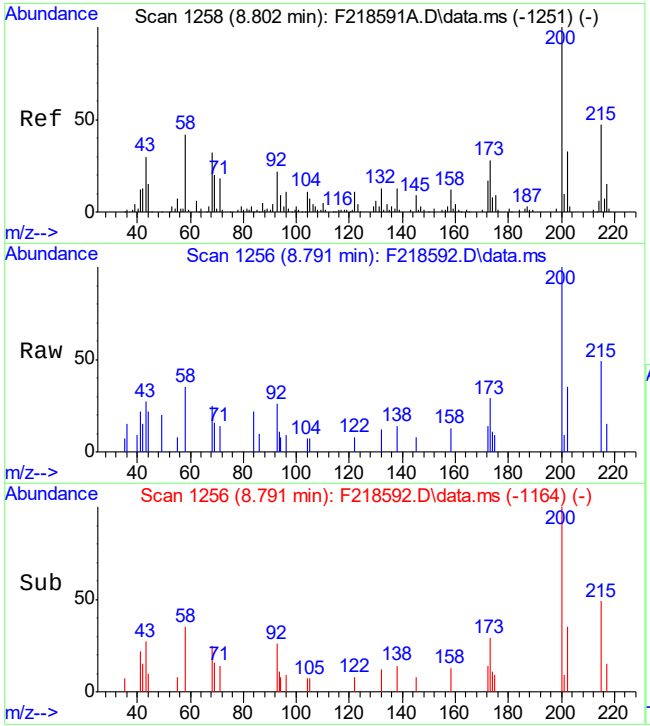


#158
Benzaldehyde
Concen: 2.16 ppm
RT: 4.566 min Scan# 465
Delta R.T. -0.000 min
Lab File: F218592.D
Acq: 25 Jan 2024 12:46 pm

Tgt Ion:105 Resp: 3992

Ion	Ratio	Lower	Upper
105	100		
106	105.9	62.6	122.6
77	108.6	67.4	127.4
51	45.3	6.5	66.5

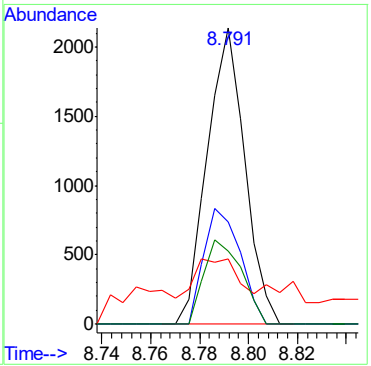


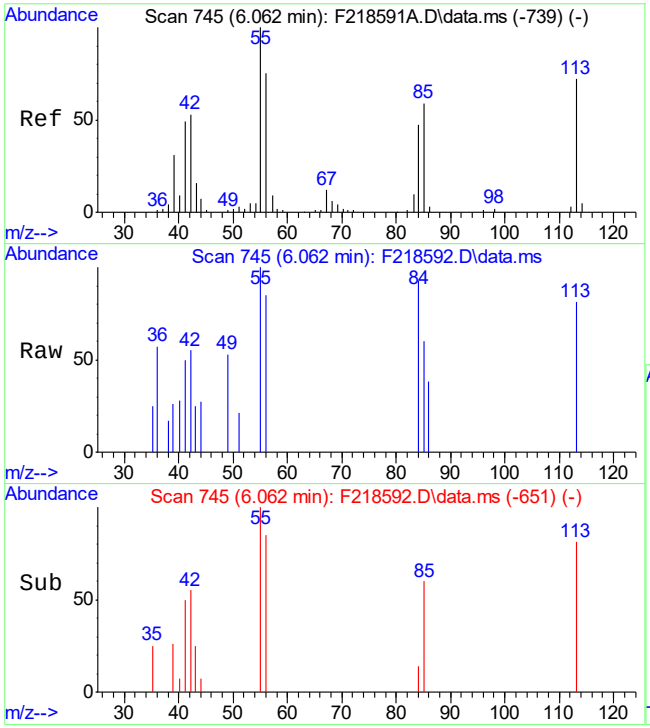


#160
Atrazine
Concen: 1.84 ppm
RT: 8.791 min Scan# 1256
Delta R.T. -0.011 min
Lab File: F218592.D
Acq: 25 Jan 2024 12:46 pm

Tgt Ion:200 Resp: 2290

Ion	Ratio	Lower	Upper
200	100		
58	34.6	11.6	71.6
44	9.0	0.0	45.1
68	24.6	1.7	61.7

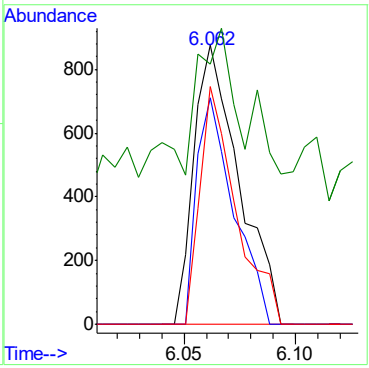




#162
Caprolactam
Concen: 1.71 ppm
RT: 6.062 min Scan# 745
Delta R.T. -0.000 min
Lab File: F218592.D
Acq: 25 Jan 2024 12:46 pm

Tgt Ion: 55 Resp: 1234

Ion	Ratio	Lower	Upper
55	100		
113	81.2	42.1	102.1
56	85.3	45.3	105.3
84	33.5	17.2	77.2



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218593.D
Acq On : 25 Jan 2024 1:12 pm
Operator : ninap
Sample : ic9691-2
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 26 09:45:20 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

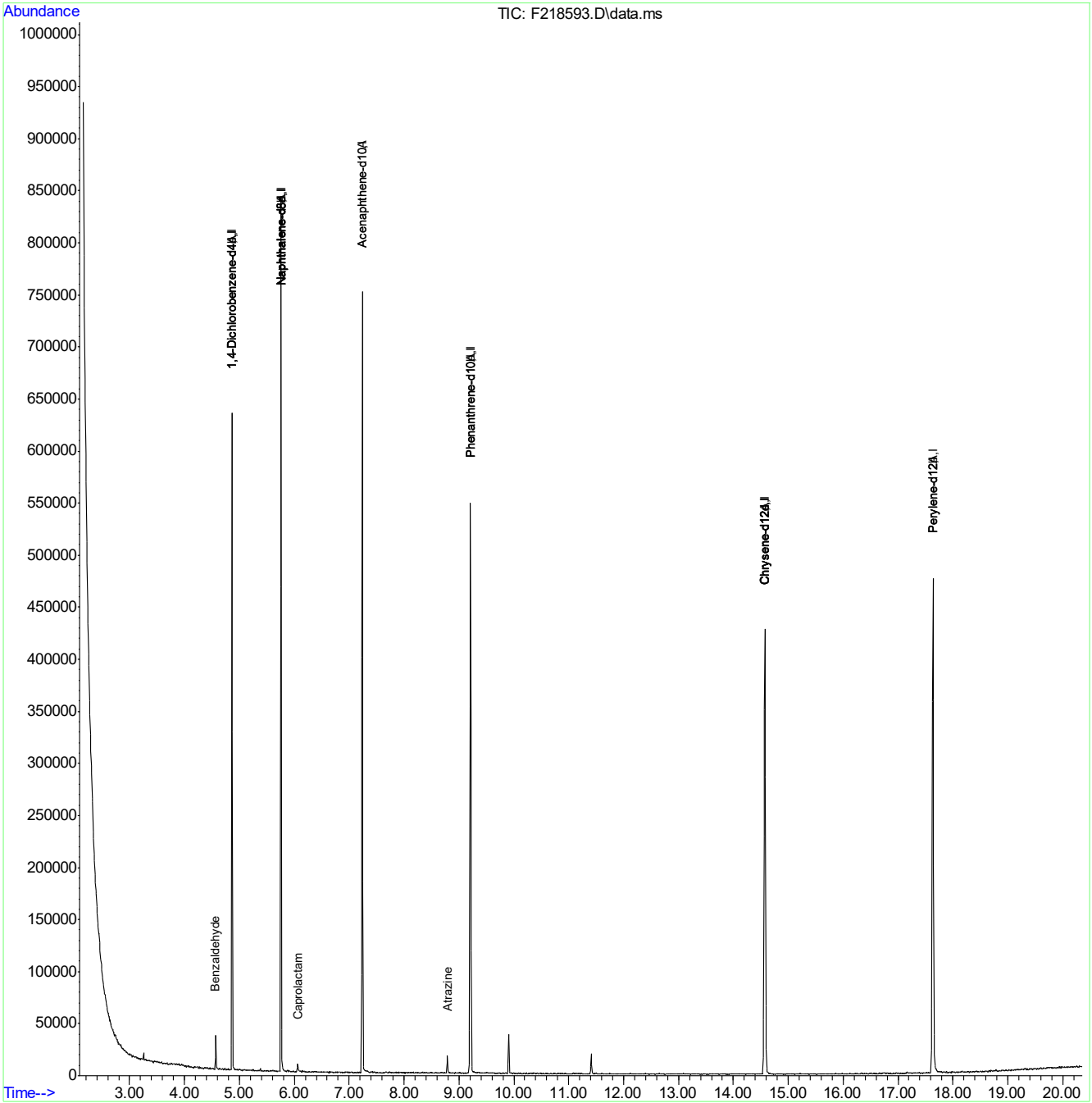
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	77203	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	296534	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	160774	40.00	ppm	0.00
69) Phenanthrene-d10	9.208	188	290387	40.00	ppm	-0.01
83) Chrysene-d12	14.572	240	249134	40.00	ppm	-0.02
92) Perylene-d12	17.638	264	289336	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	77203	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	296534	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	160774	40.00	ppm	0.00
132) Phenanthrene-d10A	9.208	188	290387	40.00	ppm	-0.01
147) Chrysene-d12A	14.572	240	249134	40.00	ppm	-0.02
154) Perylene-d12A	17.638	264	289336	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	77203	40.00	ppm	0.00
159) Phenanthrene-d10b	9.208	188	290387	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	296534	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	296534	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	77203	40.00	ppm	0.00
169) Chrysene-d12c	14.572	240	249134	40.00	ppm	-0.02
171) Chrysene-d12d	14.572	240	249134	40.00	ppm	-0.02
173) Naphthalene-d8d	5.757	136	296534	40.00	ppm	0.00
175) Chrysene-d12e	14.572	240	249134	40.00	ppm	-0.02
177) Perylene-d12b	17.638	264	289336	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	296534	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.566	105	5311	2.73	ppm	96
160) Atrazine	8.792	200	2948	2.29	ppm	92
162) Caprolactam	6.056	55	1633	2.21	ppm	86

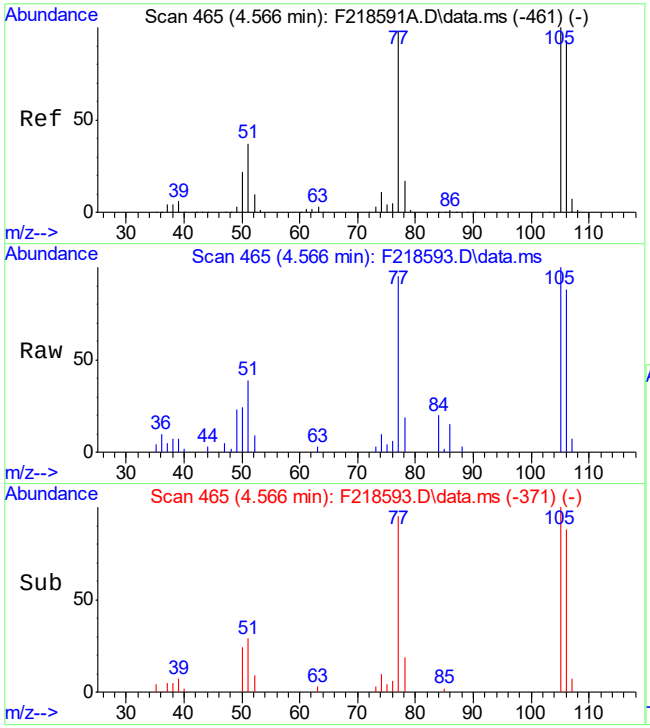
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218593.D
Acq On : 25 Jan 2024 1:12 pm
Operator : ninap
Sample : ic9691-2
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 26 09:45:20 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

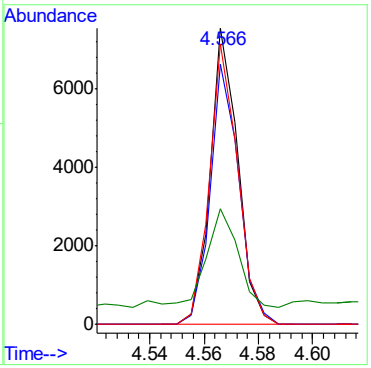


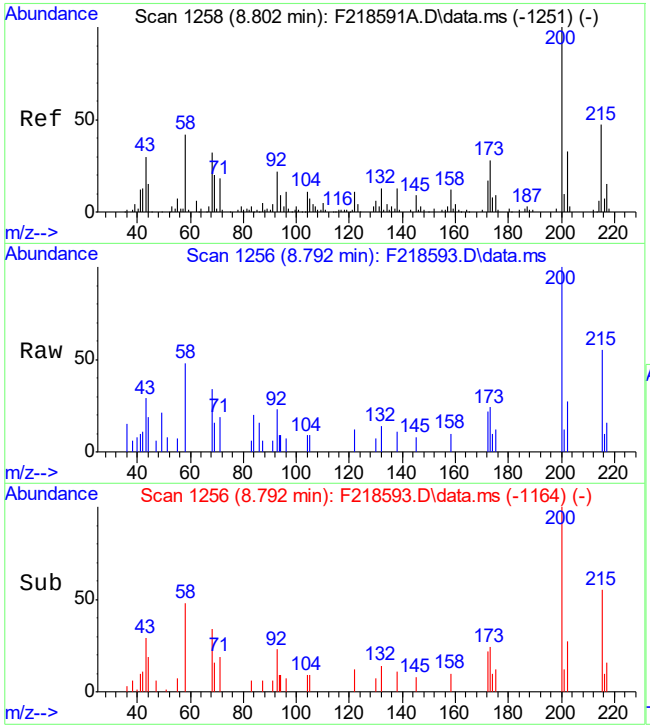


#158
Benzaldehyde
Concen: 2.73 ppm
RT: 4.566 min Scan# 465
Delta R.T. 0.000 min
Lab File: F218593.D
Acq: 25 Jan 2024 1:12 pm

Tgt Ion:105 Resp: 5311

Ion	Ratio	Lower	Upper
105	100		
106	88.0	62.6	122.6
77	94.6	67.4	127.4
51	31.7	6.5	66.5

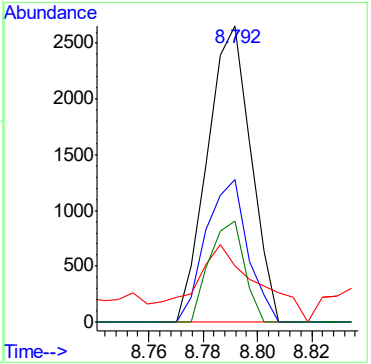


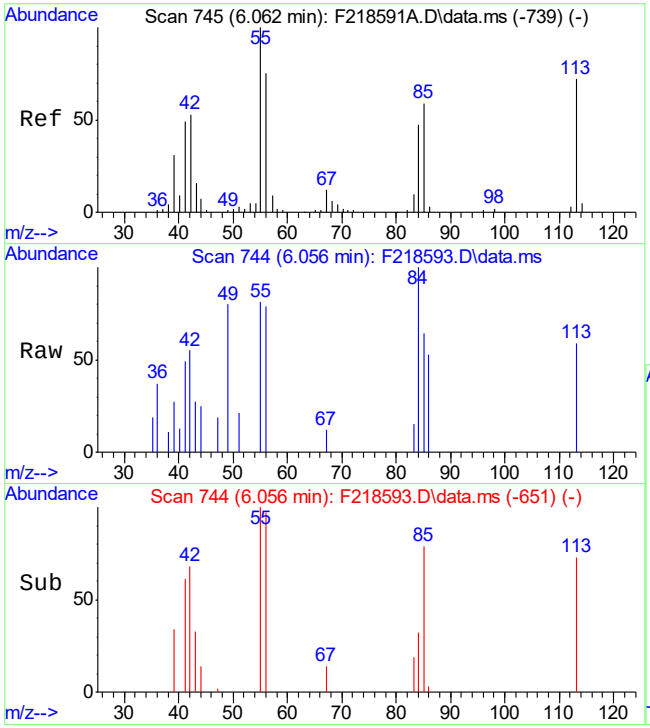


#160
Atrazine
Concen: 2.29 ppm
RT: 8.792 min Scan# 1256
Delta R.T. -0.011 min
Lab File: F218593.D
Acq: 25 Jan 2024 1:12 pm

Tgt Ion:200 Resp: 2948

Ion	Ratio	Lower	Upper
200	100		
58	48.2	11.6	71.6
44	11.5	0.0	45.1
68	33.9	1.7	61.7

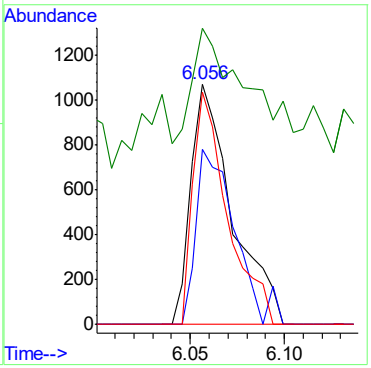




#162
Caprolactam
Concen: 2.21 ppm
RT: 6.056 min Scan# 744
Delta R.T. -0.005 min
Lab File: F218593.D
Acq: 25 Jan 2024 1:12 pm

Tgt Ion: 55 Resp: 1633

Ion	Ratio	Lower	Upper
55	100		
113	72.7	42.1	102.1
56	96.8	45.3	105.3
84	35.4	17.2	77.2



7.6.40

7

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218594A.D
Acq On : 25 Jan 2024 2:37 pm
Operator : ninap
Sample : ic9691-5
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 26 09:47:08 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

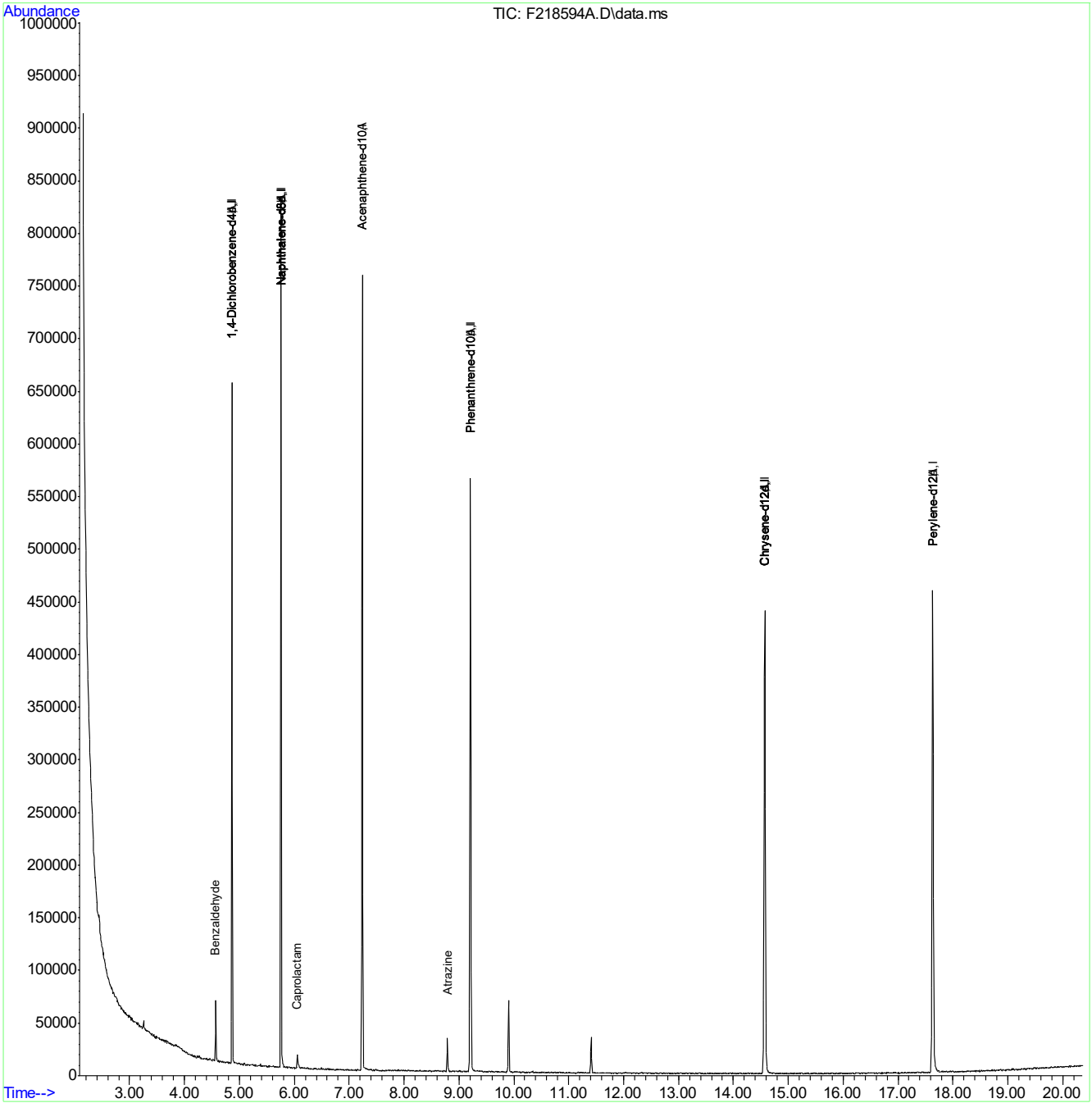
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	78836	40.00	ppm	0.00
24) Naphthalene-d8	5.758	136	302524	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	164715	40.00	ppm	0.00
69) Phenanthrene-d10	9.209	188	291625	40.00	ppm	-0.01
83) Chrysene-d12	14.572	240	252376	40.00	ppm	-0.02
92) Perylene-d12	17.633	264	294837	40.00	ppm	-0.01
102) 1,4-Dichlorobenzene-d4A	4.865	152	78836	40.00	ppm	0.00
112) Naphthalene-d8A	5.758	136	302524	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	164715	40.00	ppm	0.00
132) Phenanthrene-d10A	9.209	188	291625	40.00	ppm	-0.01
147) Chrysene-d12A	14.572	240	252376	40.00	ppm	-0.02
154) Perylene-d12A	17.633	264	294837	40.00	ppm	-0.01
157) 1,4-Dichlorobenzene-d4b	4.865	152	78836	40.00	ppm	0.00
159) Phenanthrene-d10b	9.209	188	291625	40.00	ppm	0.00
161) Naphthalene-d8b	5.758	136	302524	40.00	ppm	0.00
163) Naphthalene-d8c	5.758	136	302524	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	78836	40.00	ppm	0.00
169) Chrysene-d12c	14.572	240	252376	40.00	ppm	-0.02
171) Chrysene-d12d	14.572	240	252376	40.00	ppm	-0.02
173) Naphthalene-d8d	5.758	136	302524	40.00	ppm	0.00
175) Chrysene-d12e	14.572	240	252376	40.00	ppm	-0.02
177) Perylene-d12b	17.633	264	294837	40.00	ppm	-0.01
179) Naphthalene-d8e	5.758	136	302524	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.566	105	9177	4.62	ppm	98
160) Atrazine	8.792	200	5507	4.27	ppm	93
162) Caprolactam	6.051	55	2953	3.91	ppm	90

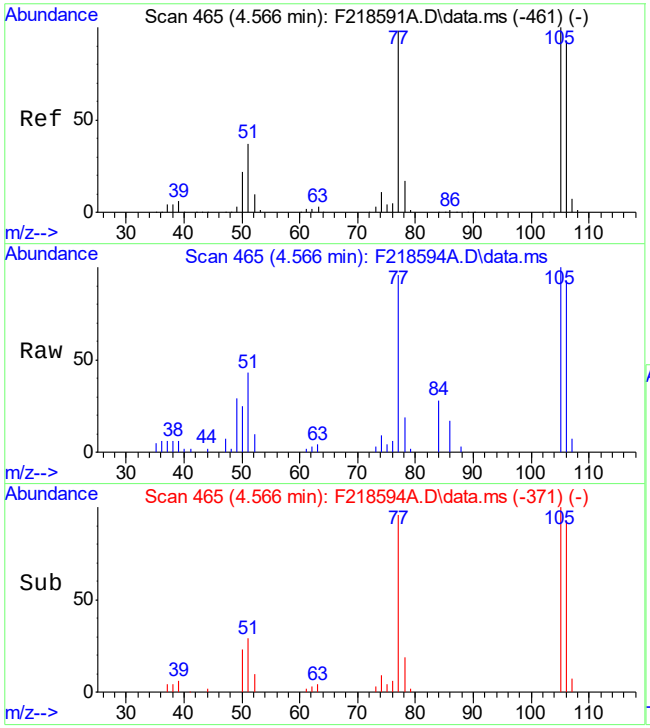
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218594A.D
Acq On : 25 Jan 2024 2:37 pm
Operator : ninap
Sample : ic9691-5
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 26 09:47:08 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

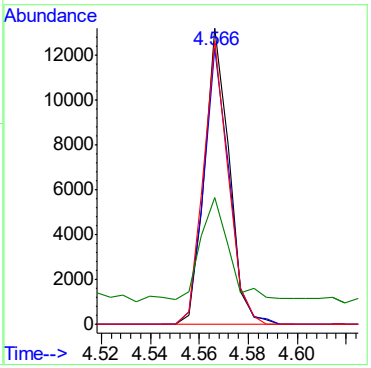


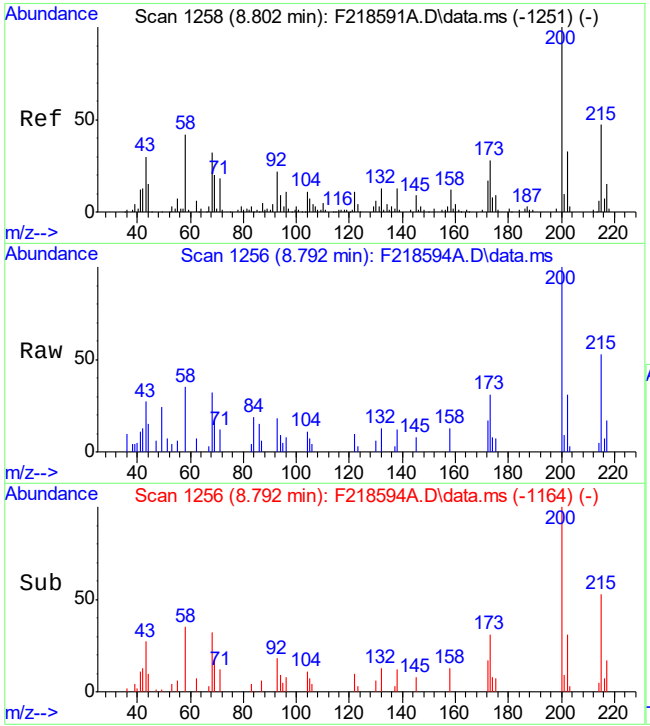


#158
Benzaldehyde
Concen: 4.62 ppm
RT: 4.566 min Scan# 465
Delta R.T. 0.000 min
Lab File: F218594A.D
Acq: 25 Jan 2024 2:37 pm

Tgt Ion:105 Resp: 9177

Ion	Ratio	Lower	Upper
105	100		
106	93.4	62.6	122.6
77	96.0	67.4	127.4
51	33.7	6.5	66.5

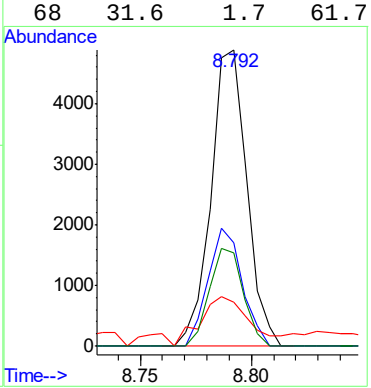


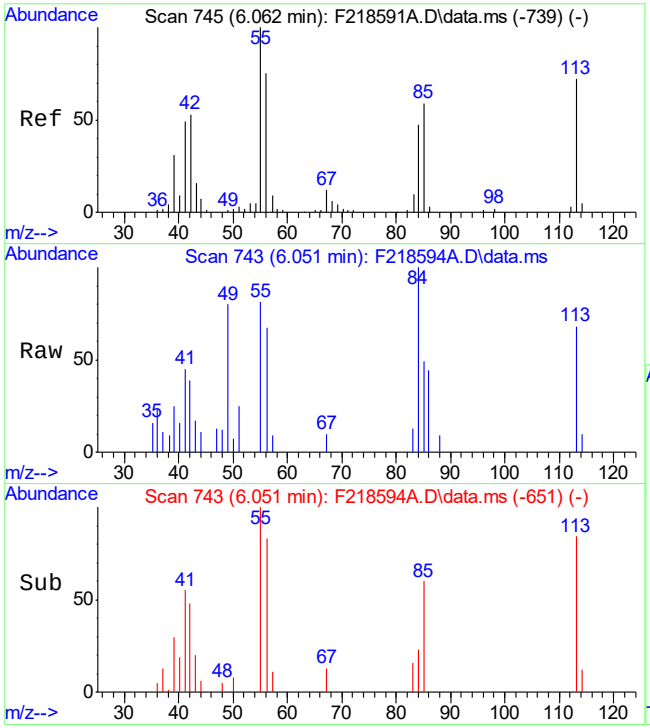


#160
Atrazine
Concen: 4.27 ppm
RT: 8.792 min Scan# 1256
Delta R.T. -0.010 min
Lab File: F218594A.D
Acq: 25 Jan 2024 2:37 pm

Tgt Ion:200 Resp: 5507

Ion	Ratio	Lower	Upper
200	100		
58	35.0	11.6	71.6
44	10.4	0.0	45.1
68	31.6	1.7	61.7

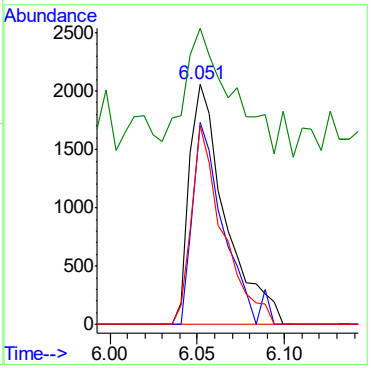




#162
Caprolactam
Concen: 3.91 ppm
RT: 6.051 min Scan# 743
Delta R.T. -0.010 min
Lab File: F218594A.D
Acq: 25 Jan 2024 2:37 pm

Tgt Ion: 55 Resp: 2953

Ion	Ratio	Lower	Upper
55	100		
113	84.1	42.1	102.1
56	82.7	45.3	105.3
84	50.4	17.2	77.2



7.6.41

7

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218595.D
Acq On : 25 Jan 2024 3:03 pm
Operator : ninap
Sample : ic9691-10
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 26 09:48:49 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

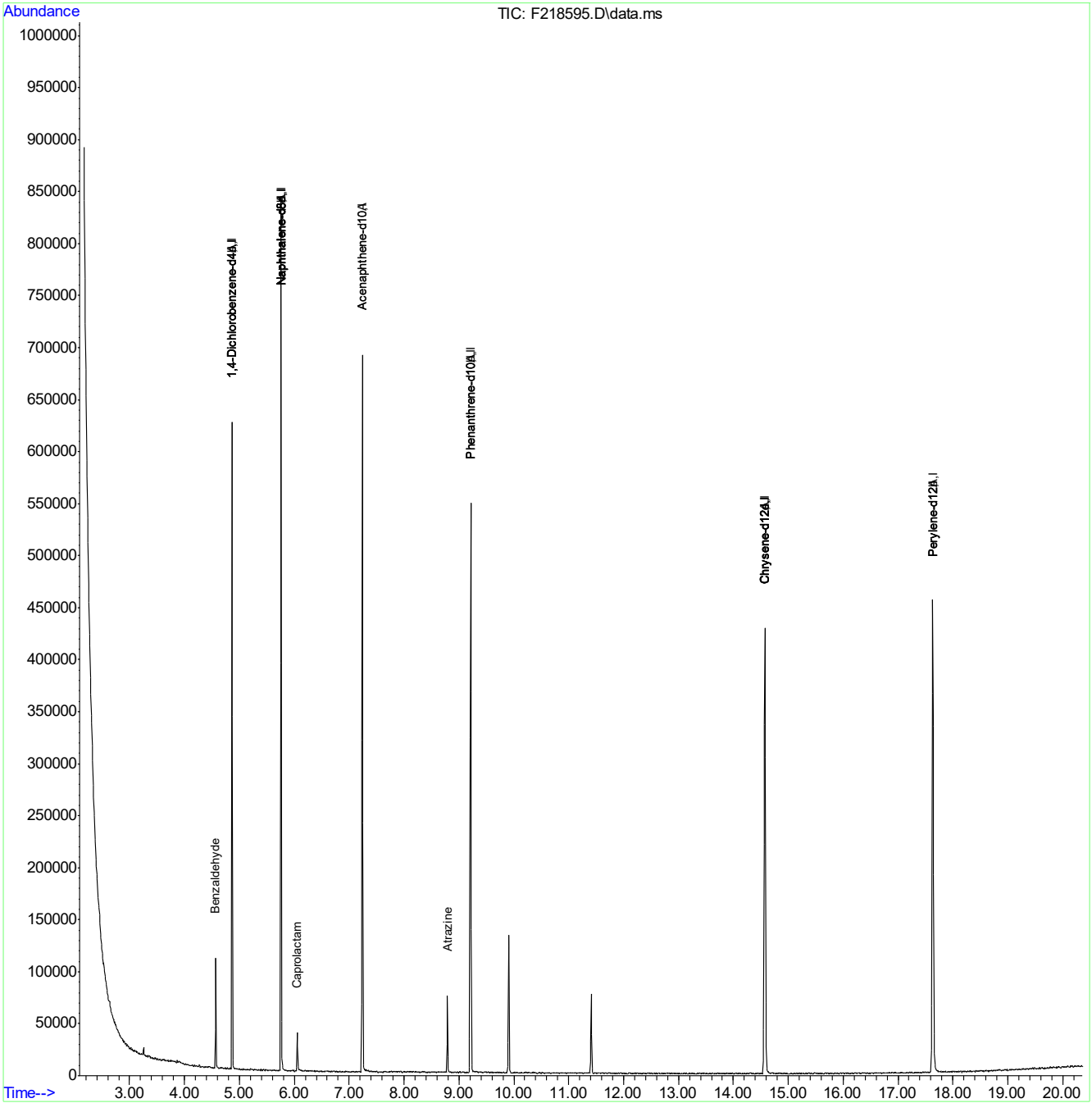
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	76583	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	292884	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	158883	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	289512	40.00	ppm	0.00
83) Chrysene-d12	14.572	240	249594	40.00	ppm	-0.02
92) Perylene-d12	17.638	264	288767	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	76583	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	292884	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	158883	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	289512	40.00	ppm	0.00
147) Chrysene-d12A	14.572	240	249594	40.00	ppm	-0.02
154) Perylene-d12A	17.638	264	288767	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	76583	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	289512	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	292884	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	292884	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	76583	40.00	ppm	0.00
169) Chrysene-d12c	14.572	240	249594	40.00	ppm	-0.02
171) Chrysene-d12d	14.572	240	249594	40.00	ppm	-0.02
173) Naphthalene-d8d	5.757	136	292884	40.00	ppm	0.00
175) Chrysene-d12e	14.572	240	249594	40.00	ppm	-0.02
177) Perylene-d12b	17.638	264	288767	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	292884	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.566	105	17323	8.98	ppm	99
160) Atrazine	8.791	200	11102	8.67	ppm	94
162) Caprolactam	6.051	55	5993	8.20	ppm	96

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

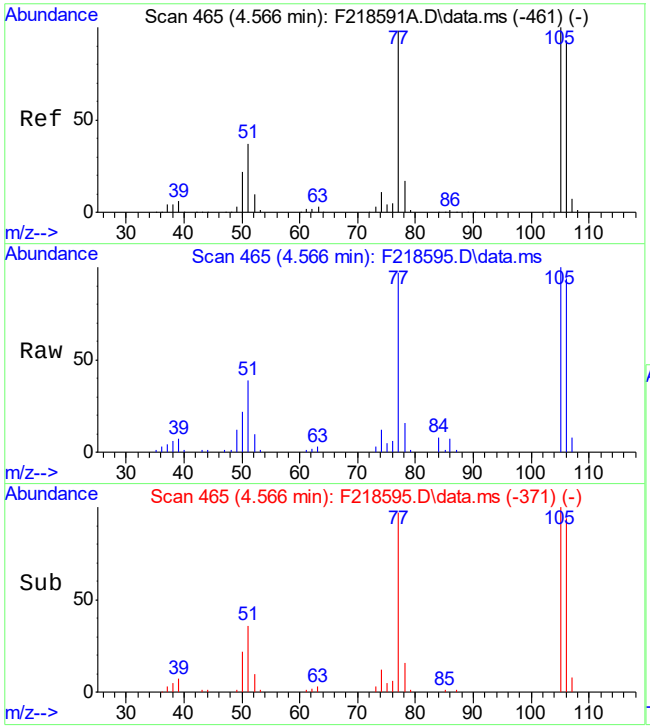
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218595.D
Acq On : 25 Jan 2024 3:03 pm
Operator : ninap
Sample : ic9691-10
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 26 09:48:49 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration



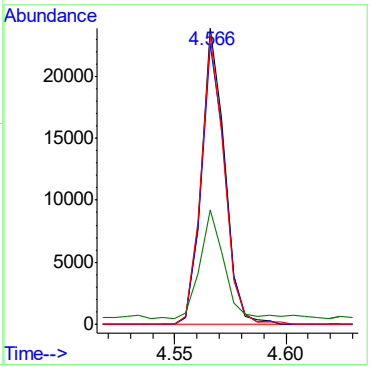
MF9690.M Fri Jan 26 10:16:07 2024 RT1 Page: 2

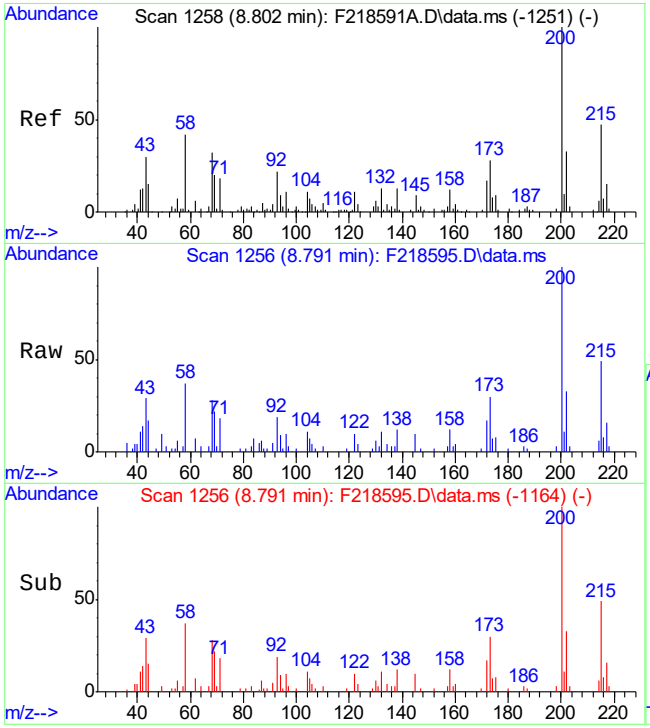


#158
Benzaldehyde
Concen: 8.98 ppm
RT: 4.566 min Scan# 465
Delta R.T. -0.000 min
Lab File: F218595.D
Acq: 25 Jan 2024 3:03 pm

Tgt Ion:105 Resp: 17323

Ion	Ratio	Lower	Upper
105	100		
106	94.2	62.6	122.6
77	97.5	67.4	127.4
51	36.0	6.5	66.5

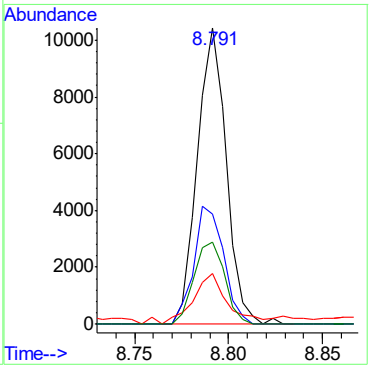


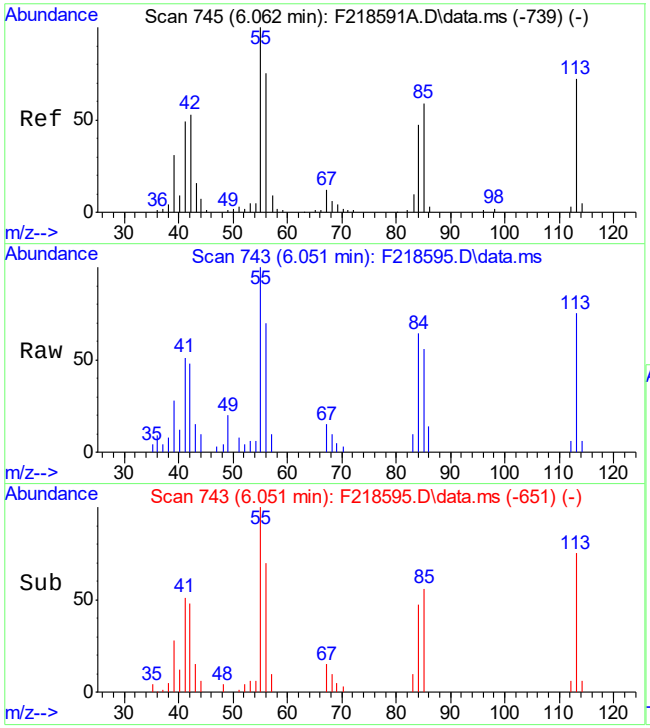


#160
Atrazine
Concen: 8.67 ppm
RT: 8.791 min Scan# 1256
Delta R.T. -0.011 min
Lab File: F218595.D
Acq: 25 Jan 2024 3:03 pm

Tgt Ion:200 Resp: 11102

Ion	Ratio	Lower	Upper
200	100		
58	37.2	11.6	71.6
44	16.2	0.0	45.1
68	27.7	1.7	61.7

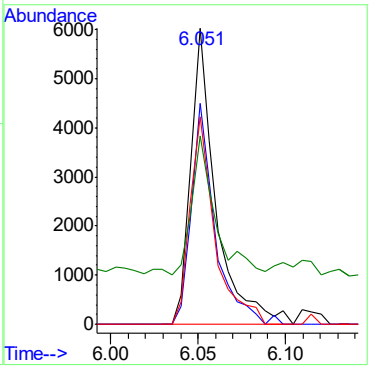




#162
Caprolactam
Concen: 8.20 ppm
RT: 6.051 min Scan# 743
Delta R.T. -0.011 min
Lab File: F218595.D
Acq: 25 Jan 2024 3:03 pm

Tgt Ion: 55 Resp: 5993

Ion	Ratio	Lower	Upper
55	100		
113	74.5	42.1	102.1
56	70.0	45.3	105.3
84	44.7	17.2	77.2



7.6.42

7

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218596.D
Acq On : 25 Jan 2024 3:29 pm
Operator : ninap
Sample : ic9691-25
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 26 09:50:20 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

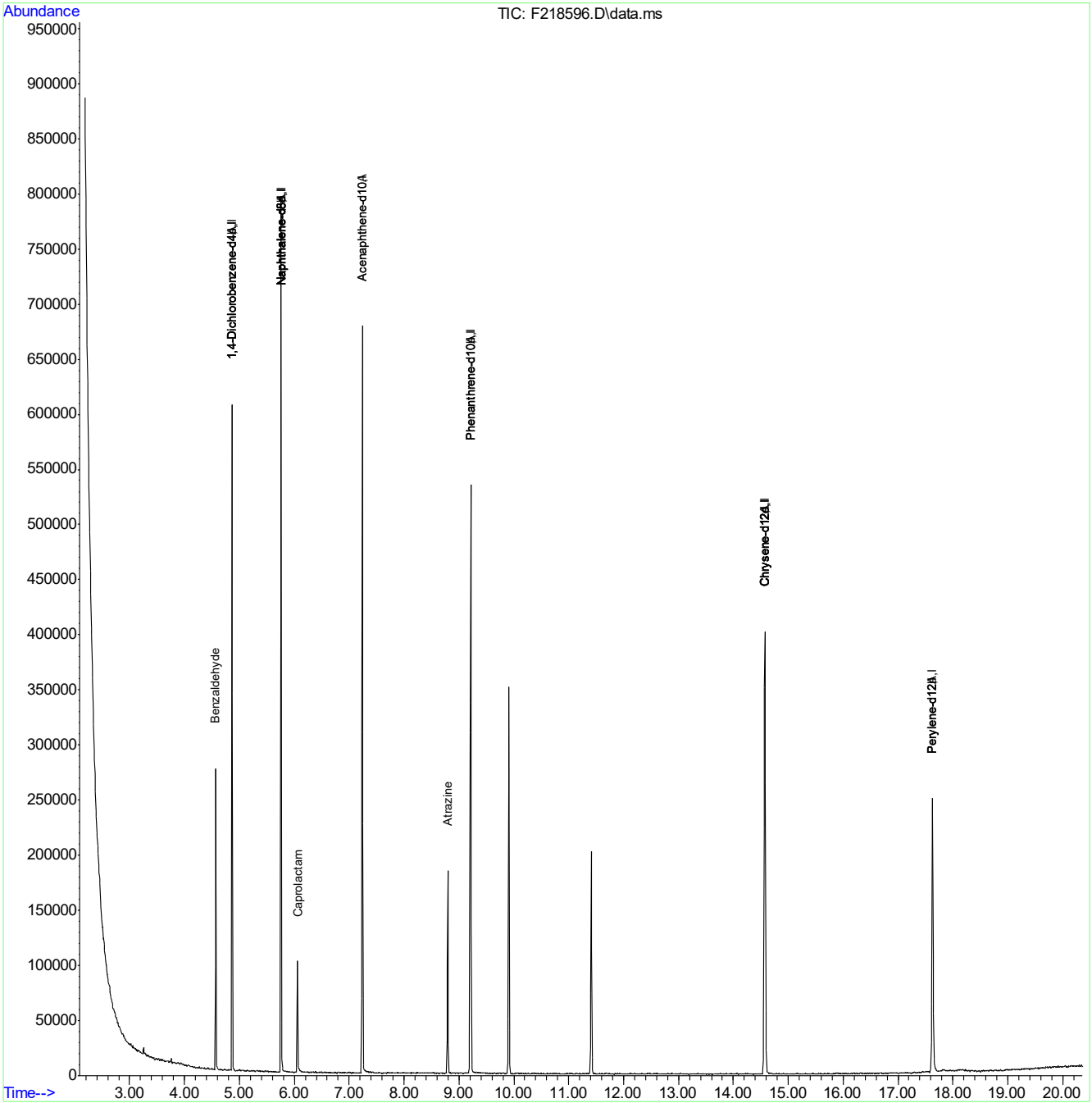
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	74215	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	284864	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	153500	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	277779	40.00	ppm	0.00
83) Chrysene-d12	14.572	240	232326	40.00	ppm	-0.02
92) Perylene-d12	17.628	264	154201	40.00	ppm	-0.02
102) 1,4-Dichlorobenzene-d4A	4.865	152	74215	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	284864	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	153500	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	277779	40.00	ppm	0.00
147) Chrysene-d12A	14.572	240	232326	40.00	ppm	-0.02
154) Perylene-d12A	17.628	264	154201	40.00	ppm	-0.02
157) 1,4-Dichlorobenzene-d4b	4.865	152	74215	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	277779	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	284864	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	284864	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	74215	40.00	ppm	0.00
169) Chrysene-d12c	14.572	240	232326	40.00	ppm	-0.02
171) Chrysene-d12d	14.572	240	232326	40.00	ppm	-0.02
173) Naphthalene-d8d	5.757	136	284864	40.00	ppm	0.00
175) Chrysene-d12e	14.572	240	232326	40.00	ppm	-0.02
177) Perylene-d12b	17.628	264	154201	40.00	ppm	-0.02
179) Naphthalene-d8e	5.757	136	284864	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.566	105	45078	24.12	ppm	98
160) Atrazine	8.797	200	28326	23.05	ppm	95
162) Caprolactam	6.056	55	16210	22.80	ppm	97

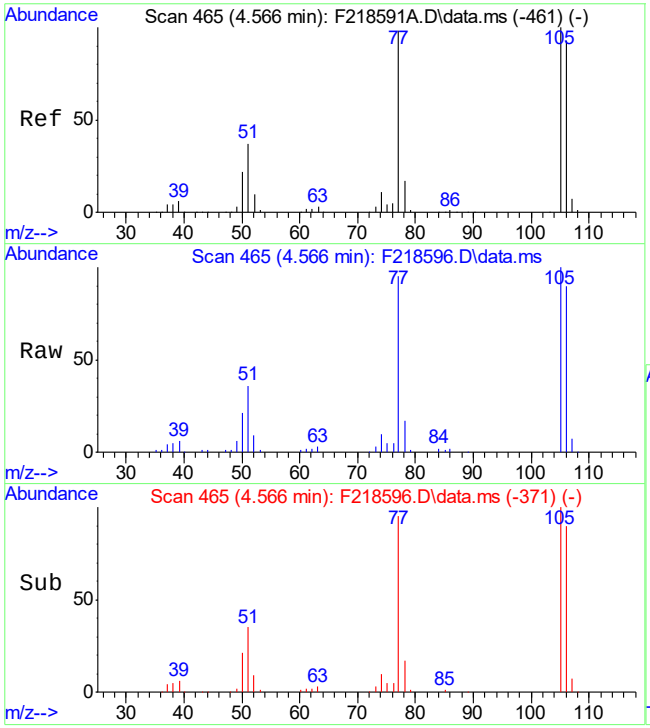
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218596.D
Acq On : 25 Jan 2024 3:29 pm
Operator : ninap
Sample : ic9691-25
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 26 09:50:20 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

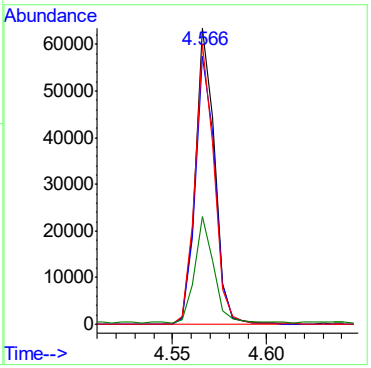


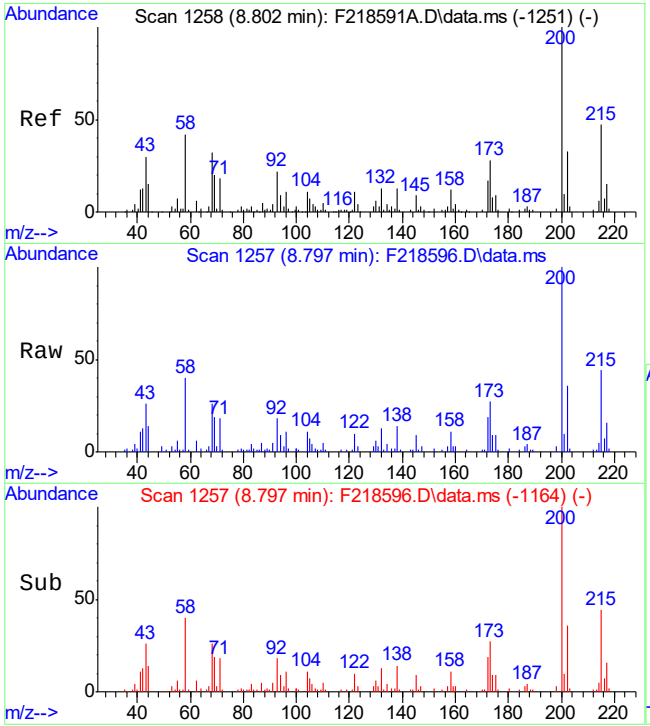


#158
Benzaldehyde
Concen: 24.12 ppm
RT: 4.566 min Scan# 465
Delta R.T. -0.000 min
Lab File: F218596.D
Acq: 25 Jan 2024 3:29 pm

Tgt Ion:105 Resp: 45078

Ion	Ratio	Lower	Upper
105	100		
106	90.5	62.6	122.6
77	94.4	67.4	127.4
51	35.9	6.5	66.5

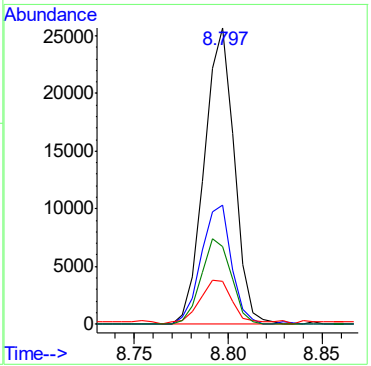


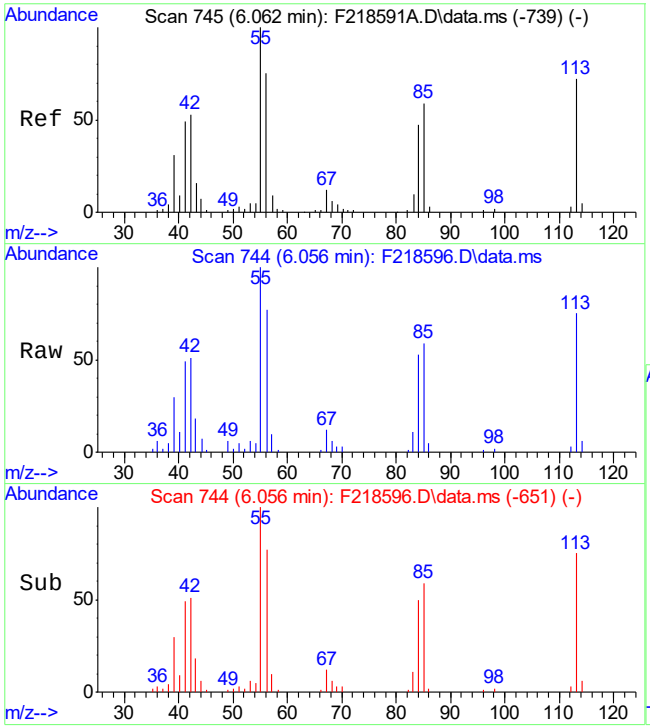


#160
Atrazine
Concen: 23.05 ppm
RT: 8.797 min Scan# 1257
Delta R.T. -0.005 min
Lab File: F218596.D
Acq: 25 Jan 2024 3:29 pm

Tgt Ion:200 Resp: 28326

Ion	Ratio	Lower	Upper
200	100		
58	39.7	11.6	71.6
44	14.3	0.0	45.1
68	26.0	1.7	61.7

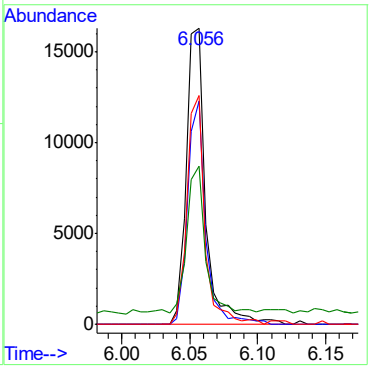




#162
Caprolactam
Concen: 22.80 ppm
RT: 6.056 min Scan# 744
Delta R.T. -0.005 min
Lab File: F218596.D
Acq: 25 Jan 2024 3:29 pm

Tgt Ion: 55 Resp: 16210

Ion	Ratio	Lower	Upper
55	100		
113	75.4	42.1	102.1
56	77.1	45.3	105.3
84	49.1	17.2	77.2



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218597.D
Acq On : 25 Jan 2024 3:55 pm
Operator : ninap
Sample : ic9691-80
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 26 09:51:44 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

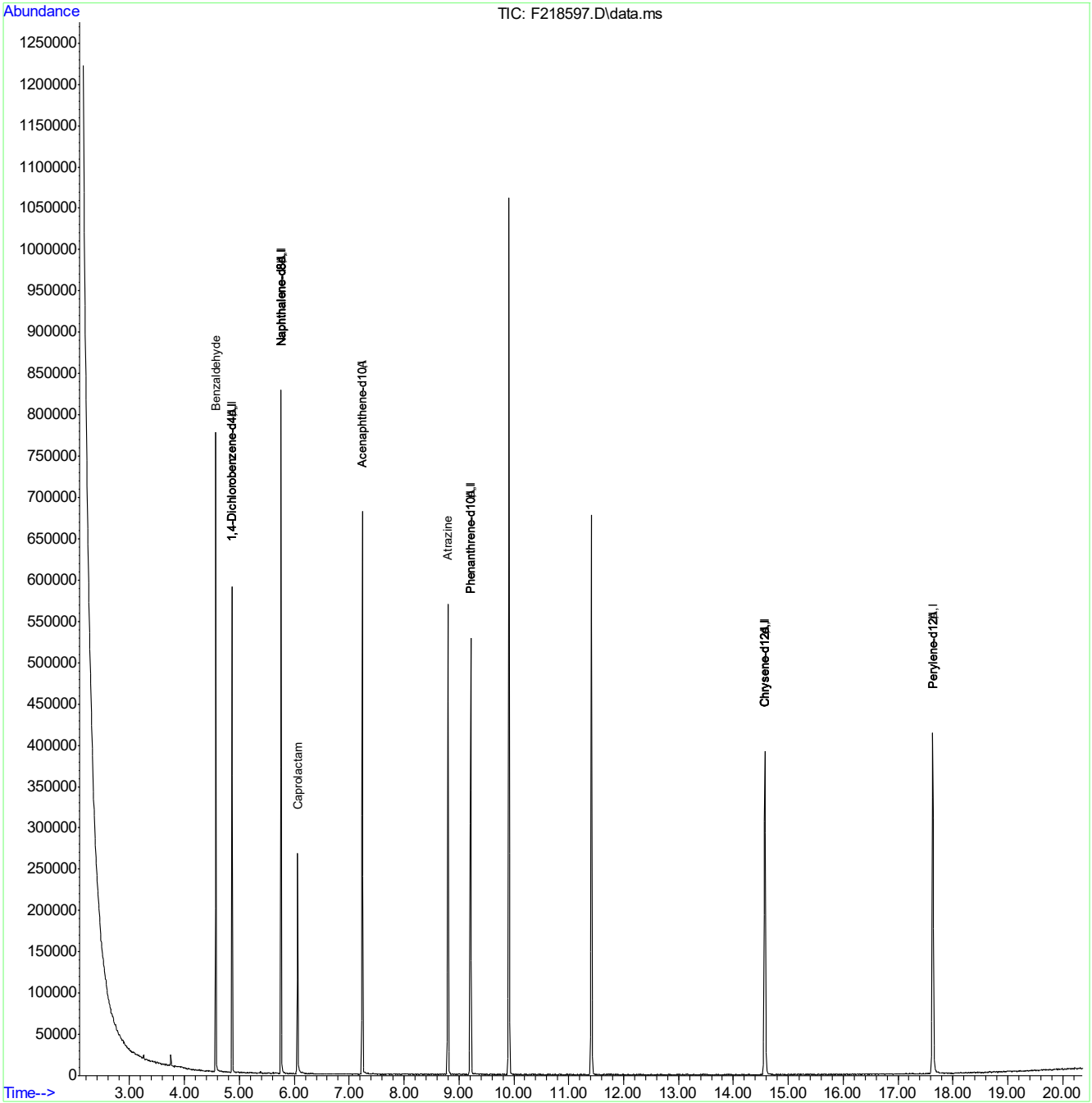
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	74594	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	286268	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	156376	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	275540	40.00	ppm	0.00
83) Chrysene-d12	14.572	240	231680	40.00	ppm	-0.02
92) Perylene-d12	17.638	264	263369	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.865	152	74594	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	286268	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	156376	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	275540	40.00	ppm	0.00
147) Chrysene-d12A	14.572	240	231680	40.00	ppm	-0.02
154) Perylene-d12A	17.638	264	263369	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.865	152	74594	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	275540	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	286268	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	286268	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	74594	40.00	ppm	0.00
169) Chrysene-d12c	14.572	240	231680	40.00	ppm	-0.02
171) Chrysene-d12d	14.572	240	231680	40.00	ppm	-0.02
173) Naphthalene-d8d	5.757	136	286268	40.00	ppm	0.00
175) Chrysene-d12e	14.572	240	231680	40.00	ppm	-0.02
177) Perylene-d12b	17.638	264	263369	40.00	ppm	0.00
179) Naphthalene-d8e	5.757	136	286268	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.571	105	141774	75.46	ppm	96
160) Atrazine	8.802	200	96281	78.99	ppm	96
162) Caprolactam	6.062	55	52142	72.98	ppm	96

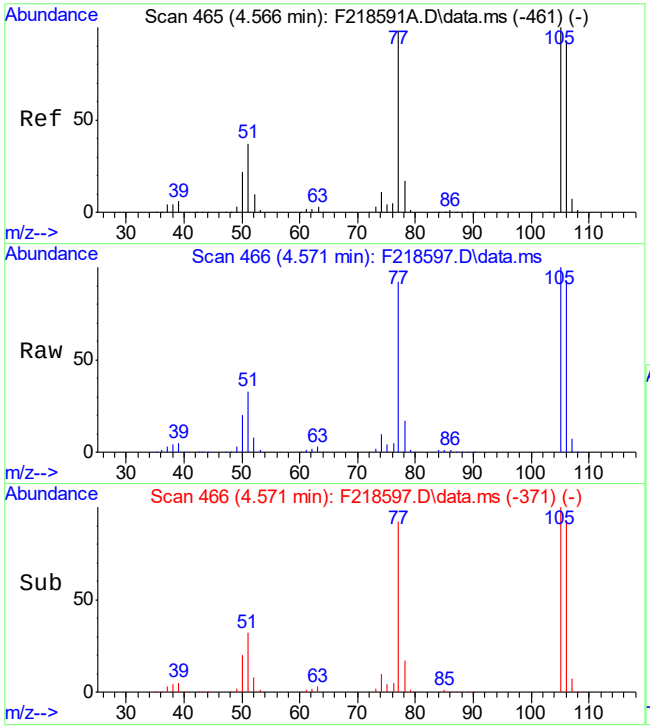
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218597.D
Acq On : 25 Jan 2024 3:55 pm
Operator : ninap
Sample : ic9691-80
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 26 09:51:44 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

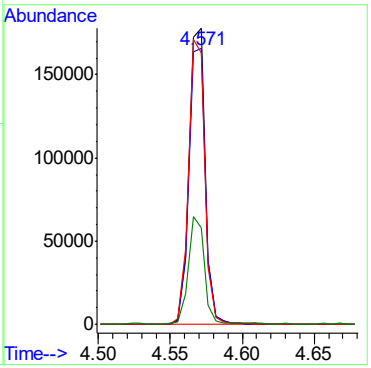


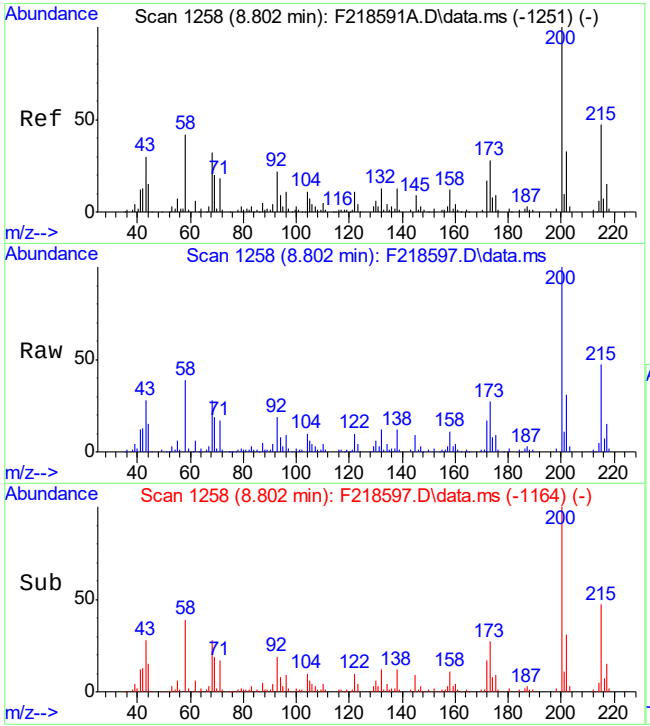


#158
Benzaldehyde
Concen: 75.46 ppm
RT: 4.571 min Scan# 466
Delta R.T. 0.005 min
Lab File: F218597.D
Acq: 25 Jan 2024 3:55 pm

Tgt Ion:105 Resp: 141774

Ion	Ratio	Lower	Upper
105	100		
106	93.1	62.6	122.6
77	91.8	67.4	127.4
51	32.4	6.5	66.5

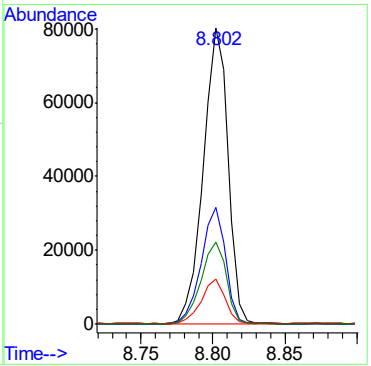


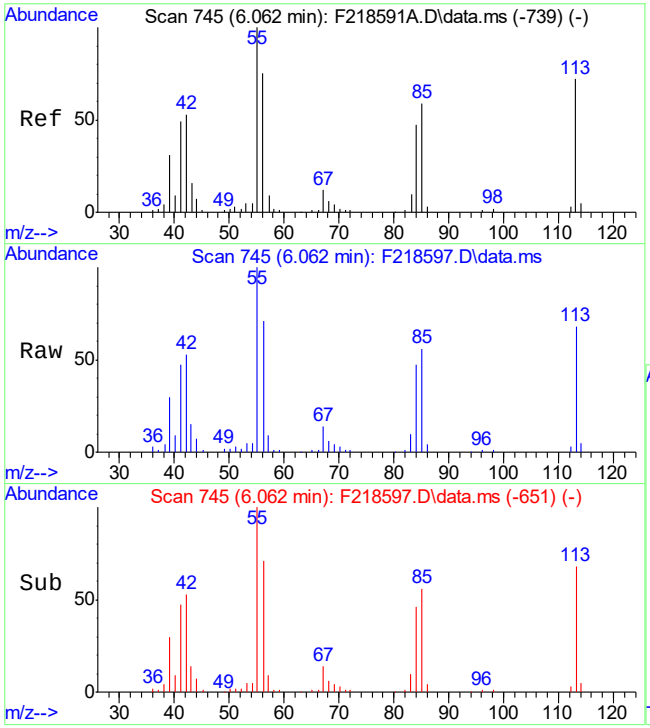


#160
Atrazine
Concen: 78.99 ppm
RT: 8.802 min Scan# 1258
Delta R.T. -0.000 min
Lab File: F218597.D
Acq: 25 Jan 2024 3:55 pm

Tgt Ion:200 Resp: 96281

Ion	Ratio	Lower	Upper
200	100		
58	39.3	11.6	71.6
44	15.1	0.0	45.1
68	27.7	1.7	61.7

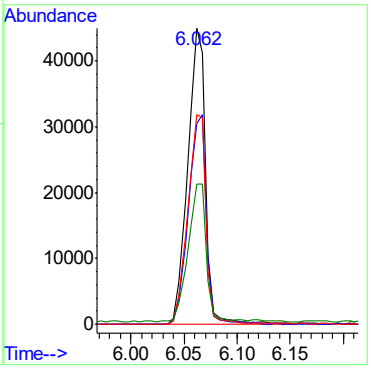




#162
Caprolactam
Concen: 72.98 ppm
RT: 6.062 min Scan# 745
Delta R.T. -0.000 min
Lab File: F218597.D
Acq: 25 Jan 2024 3:55 pm

Tgt Ion: 55 Resp: 52142

Ion	Ratio	Lower	Upper
55	100		
113	67.8	42.1	102.1
56	70.8	45.3	105.3
84	46.5	17.2	77.2



7.6.44

7

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218598.D
Acq On : 25 Jan 2024 4:20 pm
Operator : ninap
Sample : ic9691-100
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 26 09:53:20 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

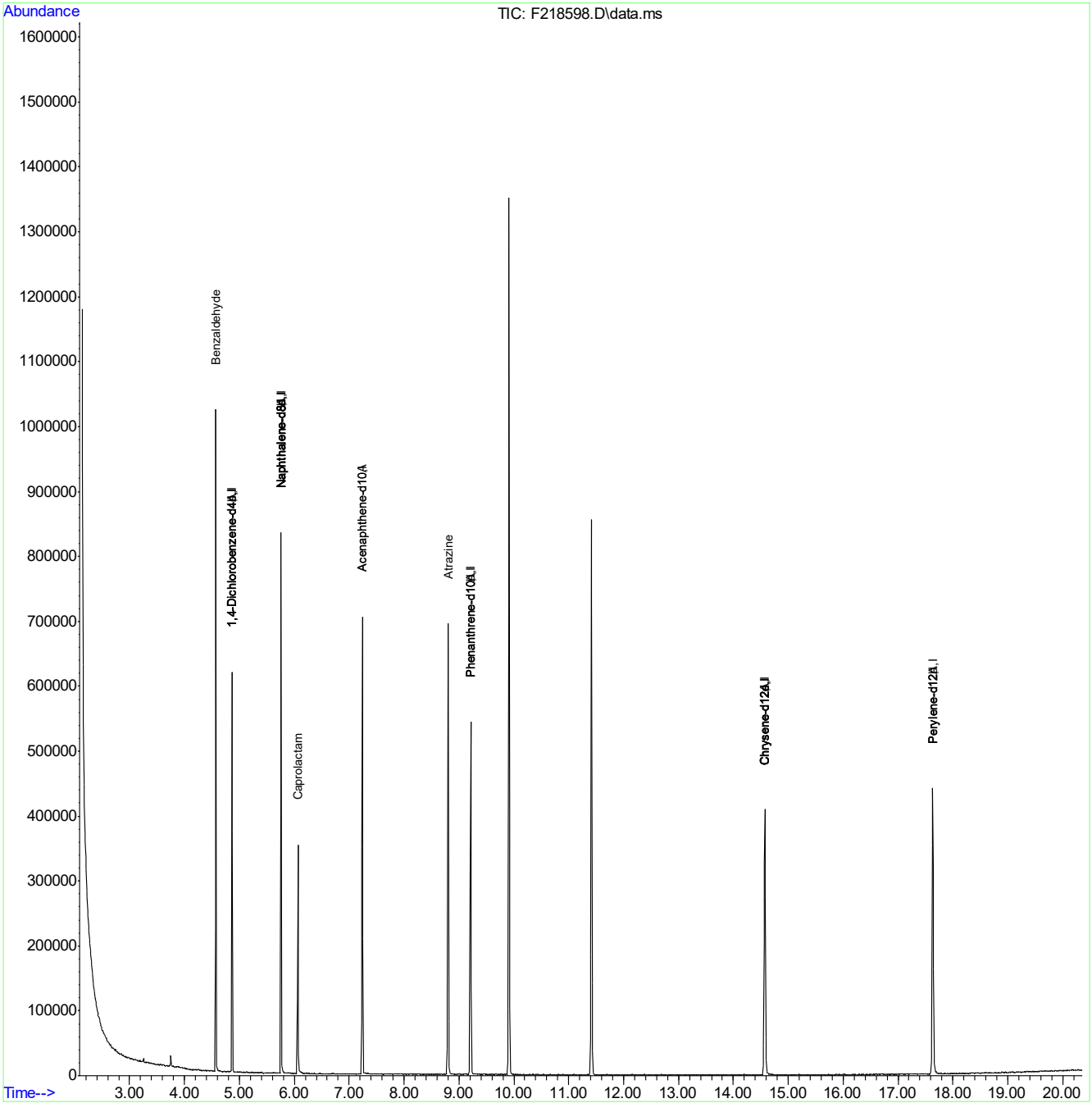
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	77831	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	290266	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	157262	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	282973	40.00	ppm	0.00
83) Chrysene-d12	14.572	240	235287	40.00	ppm	-0.02
92) Perylene-d12	17.633	264	266734	40.00	ppm	-0.01
102) 1,4-Dichlorobenzene-d4A	4.865	152	77831	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	290266	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	157262	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	282973	40.00	ppm	0.00
147) Chrysene-d12A	14.572	240	235287	40.00	ppm	-0.02
154) Perylene-d12A	17.633	264	266734	40.00	ppm	-0.01
157) 1,4-Dichlorobenzene-d4b	4.865	152	77831	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	282973	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	290266	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	290266	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	77831	40.00	ppm	0.00
169) Chrysene-d12c	14.572	240	235287	40.00	ppm	-0.02
171) Chrysene-d12d	14.572	240	235287	40.00	ppm	-0.02
173) Naphthalene-d8d	5.757	136	290266	40.00	ppm	0.00
175) Chrysene-d12e	14.572	240	235287	40.00	ppm	-0.02
177) Perylene-d12b	17.633	264	266734	40.00	ppm	-0.01
179) Naphthalene-d8e	5.757	136	290266	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.571	105	179109	91.37	ppm	96
160) Atrazine	8.808	200	121285	96.89	ppm	93
162) Caprolactam	6.067	55	66535	91.84	ppm	97

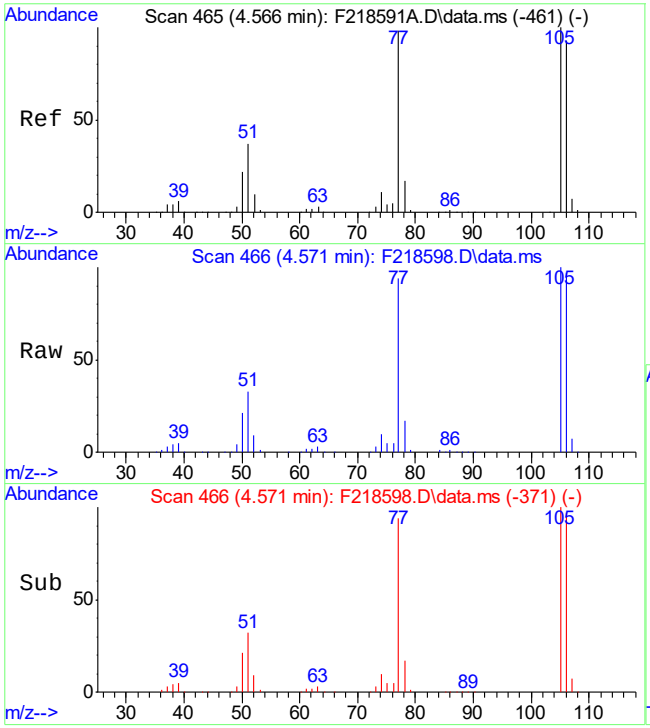
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218598.D
Acq On : 25 Jan 2024 4:20 pm
Operator : ninap
Sample : ic9691-100
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 26 09:53:20 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 09:40:58 2024
Response via : Initial Calibration

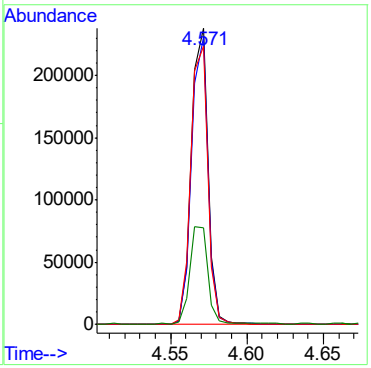


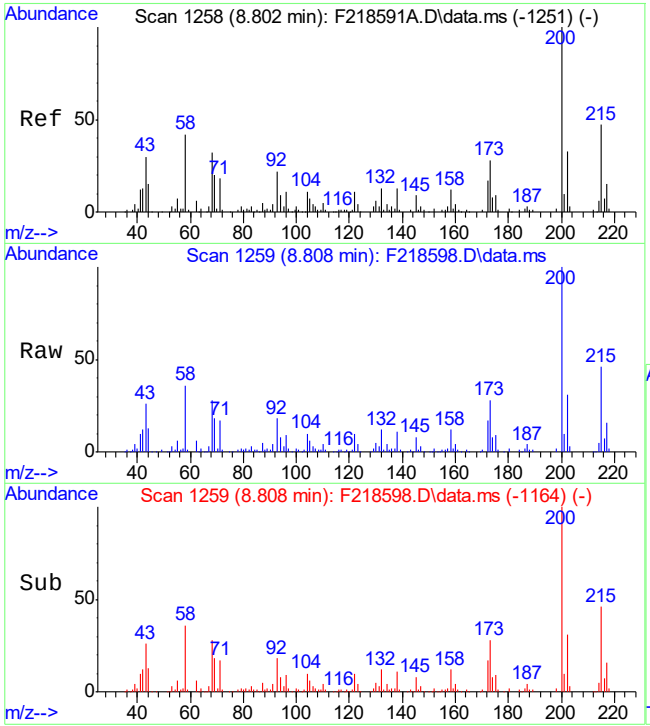


#158
Benzaldehyde
Concen: 91.37 ppm
RT: 4.571 min Scan# 466
Delta R.T. 0.005 min
Lab File: F218598.D
Acq: 25 Jan 2024 4:20 pm

Tgt Ion:105 Resp: 179109

Ion	Ratio	Lower	Upper
105	100		
106	96.8	62.6	122.6
77	94.1	67.4	127.4
51	32.4	6.5	66.5

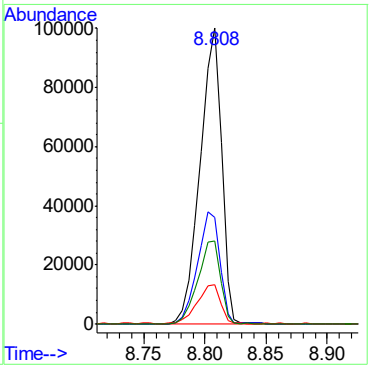


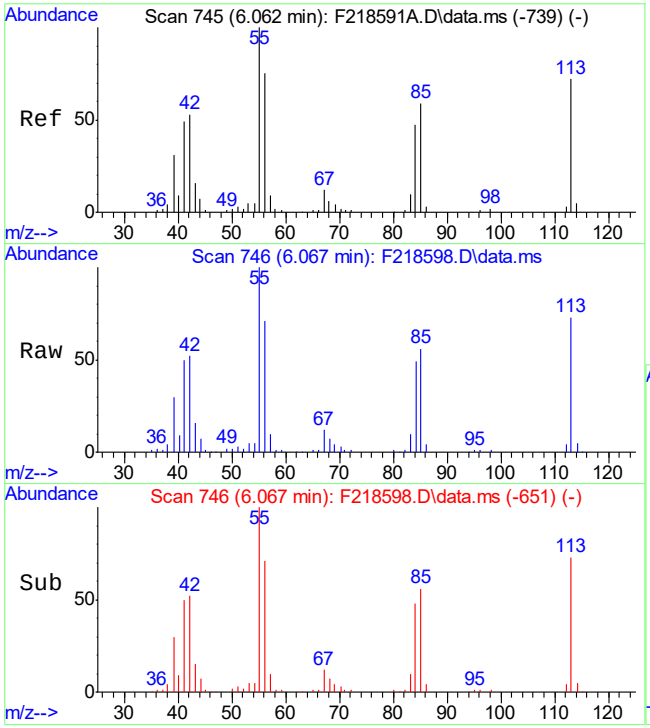


#160
Atrazine
Concen: 96.89 ppm
RT: 8.808 min Scan# 1259
Delta R.T. 0.005 min
Lab File: F218598.D
Acq: 25 Jan 2024 4:20 pm

Tgt Ion:200 Resp: 121285

Ion	Ratio	Lower	Upper
200	100		
58	36.2	11.6	71.6
44	13.1	0.0	45.1
68	28.3	1.7	61.7

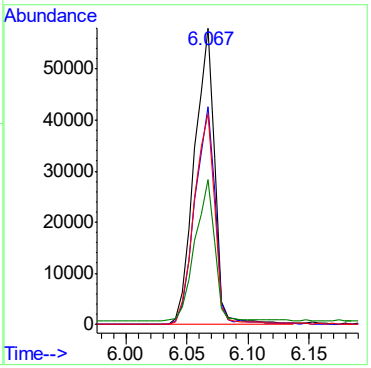




#162
Caprolactam
Concen: 91.84 ppm
RT: 6.067 min Scan# 746
Delta R.T. 0.005 min
Lab File: F218598.D
Acq: 25 Jan 2024 4:20 pm

Tgt Ion: 55 Resp: 66535

Ion	Ratio	Lower	Upper
55	100		
113	73.4	42.1	102.1
56	71.2	45.3	105.3
84	47.8	17.2	77.2



7.6.45

7

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218599.D
Acq On : 25 Jan 2024 4:46 pm
Operator : ninap
Sample : icv9691-50
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 26 10:09:40 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 10:08:04 2024
Response via : Initial Calibration

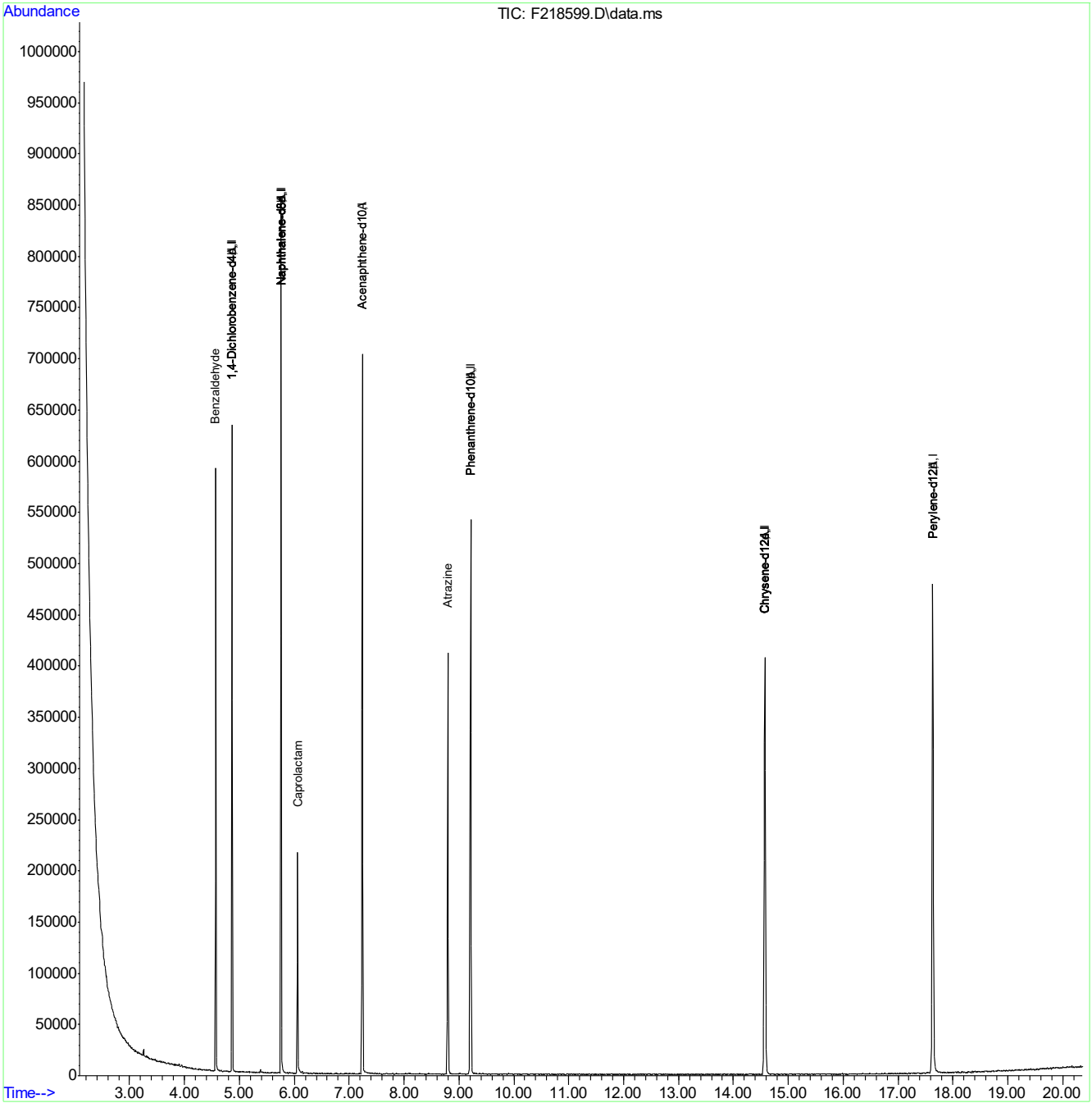
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.865	152	79257	40.00	ppm	0.00
24) Naphthalene-d8	5.757	136	299124	40.00	ppm	0.00
46) Acenaphthene-d10	7.237	164	155117	40.00	ppm	0.00
69) Phenanthrene-d10	9.214	188	283506	40.00	ppm	0.00
83) Chrysene-d12	14.572	240	240398	40.00	ppm	-0.02
92) Perylene-d12	17.633	264	291076	40.00	ppm	-0.01
102) 1,4-Dichlorobenzene-d4A	4.865	152	79257	40.00	ppm	0.00
112) Naphthalene-d8A	5.757	136	299124	40.00	ppm	0.00
121) Acenaphthene-d10A	7.237	164	155117	40.00	ppm	0.00
132) Phenanthrene-d10A	9.214	188	283506	40.00	ppm	0.00
147) Chrysene-d12A	14.572	240	240398	40.00	ppm	-0.02
154) Perylene-d12A	17.633	264	291076	40.00	ppm	-0.01
157) 1,4-Dichlorobenzene-d4b	4.865	152	79257	40.00	ppm	0.00
159) Phenanthrene-d10b	9.214	188	283506	40.00	ppm	0.00
161) Naphthalene-d8b	5.757	136	299124	40.00	ppm	0.00
163) Naphthalene-d8c	5.757	136	299124	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.865	152	79257	40.00	ppm	0.00
169) Chrysene-d12c	14.572	240	240398	40.00	ppm	-0.02
171) Chrysene-d12d	14.572	240	240398	40.00	ppm	-0.02
173) Naphthalene-d8d	5.757	136	299124	40.00	ppm	0.00
175) Chrysene-d12e	14.572	240	240398	40.00	ppm	-0.02
177) Perylene-d12b	17.633	264	291076	40.00	ppm	-0.01
179) Naphthalene-d8e	5.757	136	299124	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.566	105	99488	49.77	ppm	99
160) Atrazine	8.797	200	63385	52.44	ppm	98
162) Caprolactam	6.062	55	35309	51.34	ppm	97

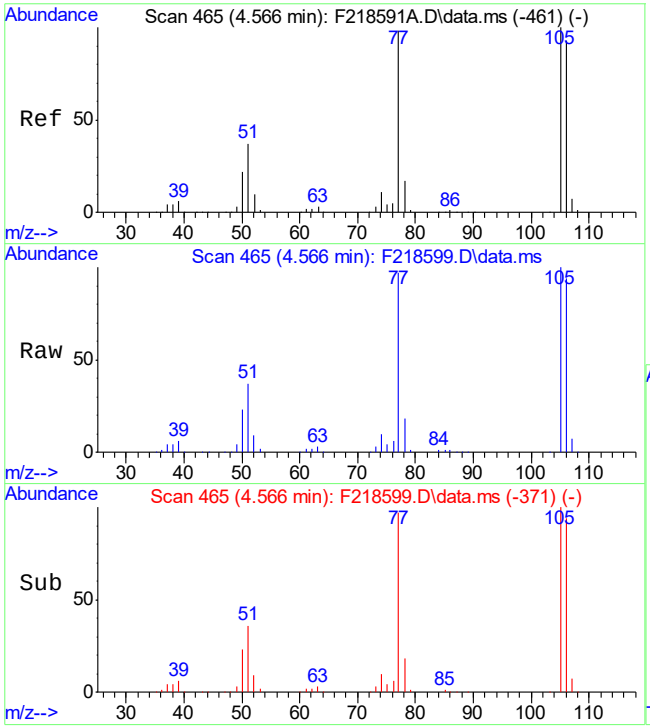
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9691\
Data File : F218599.D
Acq On : 25 Jan 2024 4:46 pm
Operator : ninap
Sample : icv9691-50
Misc : op51881,ef9691,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 26 10:09:40 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Jan 26 10:08:04 2024
Response via : Initial Calibration

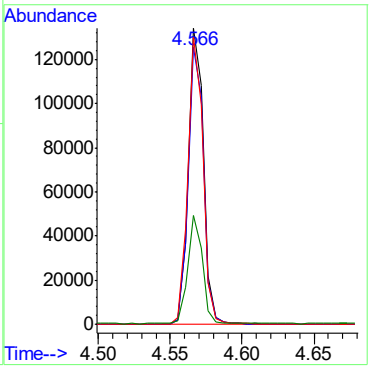


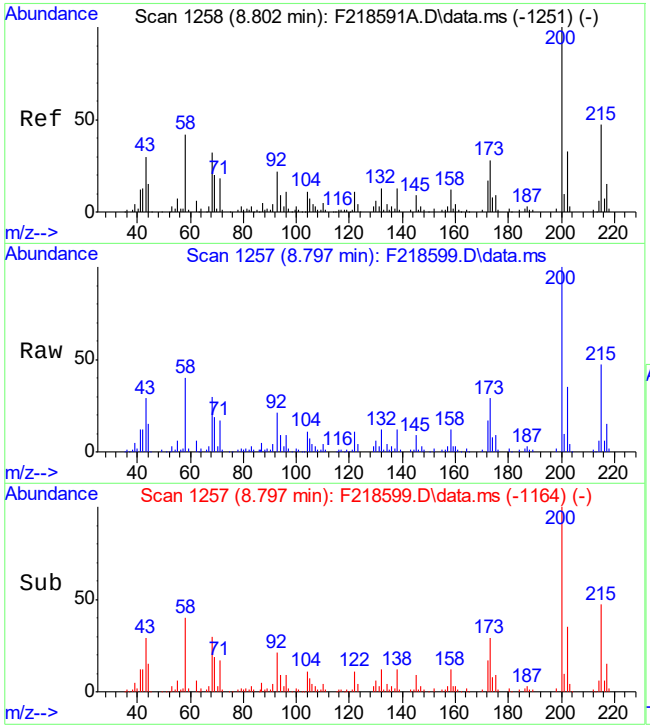


#158
Benzaldehyde
Concen: 49.77 ppm
RT: 4.566 min Scan# 465
Delta R.T. 0.001 min
Lab File: F218599.D
Acq: 25 Jan 2024 4:46 pm

Tgt Ion:105 Resp: 99488

Ion	Ratio	Lower	Upper
105	100		
106	93.6	62.6	122.6
77	97.0	67.4	127.4
51	36.4	6.5	66.5

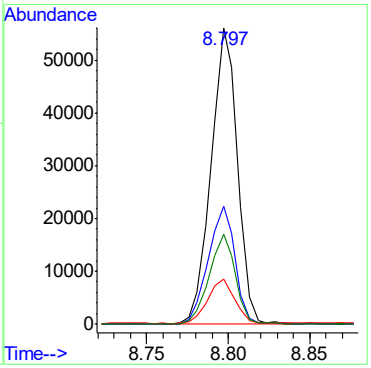


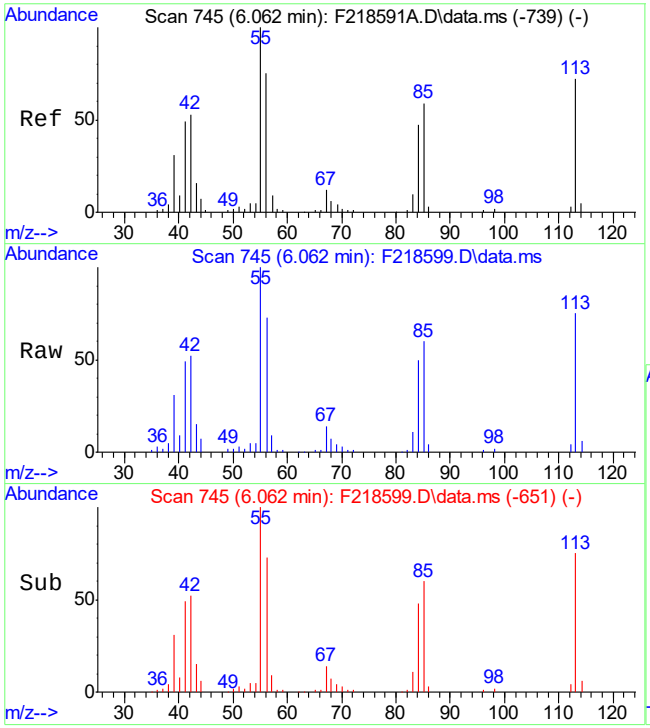


#160
Atrazine
Concen: 52.44 ppm
RT: 8.797 min Scan# 1257
Delta R.T. -0.005 min
Lab File: F218599.D
Acq: 25 Jan 2024 4:46 pm

Tgt Ion:200 Resp: 63385

Ion	Ratio	Lower	Upper
200	100		
58	39.7	11.6	71.6
44	14.8	0.0	45.1
68	30.4	1.7	61.7

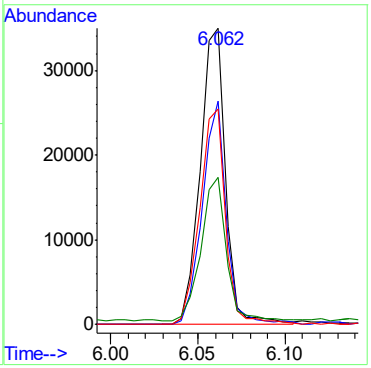




#162
Caprolactam
Concen: 51.34 ppm
RT: 6.062 min Scan# 745
Delta R.T. -0.000 min
Lab File: F218599.D
Acq: 25 Jan 2024 4:46 pm

Tgt Ion: 55 Resp: 35309

Ion	Ratio	Lower	Upper
55	100		
113	75.3	42.1	102.1
56	72.8	45.3	105.3
84	48.4	17.2	77.2



7.6.46

7

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219057.D
Acq On : 20 Feb 2024 9:26 am
Operator : karimam
Sample : cc9690-50 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 20 17:43:55 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:41:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	4.844	152	83568	40.00	ppm		0.00
24) Naphthalene-d8	5.741	136	321400	40.00	ppm		0.00
46) Acenaphthene-d10	7.205	164	183614	40.00	ppm		0.00
69) Phenanthrene-d10	9.166	188	309224	40.00	ppm		0.00
83) Chrysene-d12	14.529	240	249662	40.00	ppm		0.00
92) Perylene-d12	17.585	264	248449	40.00	ppm		0.00
102) 1,4-Dichlorobenzene-d4A	4.844	152	83568	40.00	ppm		0.00
112) Naphthalene-d8A	5.741	136	321400	40.00	ppm		0.00
121) Acenaphthene-d10A	7.205	164	183614	40.00	ppm		0.00
132) Phenanthrene-d10A	9.166	188	309224	40.00	ppm		0.00
147) Chrysene-d12A	14.529	240	249662	40.00	ppm		0.00
154) Perylene-d12A	17.585	264	248449	40.00	ppm		0.00
157) 1,4-Dichlorobenzene-d4b	4.844	152	83568	40.00	ppm		0.00
159) Phenanthrene-d10b	9.166	188	309224	40.00	ppm		0.00
161) Naphthalene-d8b	5.741	136	321400	40.00	ppm		0.00
163) Naphthalene-d8c	5.741	136	321400	40.00	ppm		0.00
167) 1,4-Dichlorobenzene-d4c	4.844	152	83568	40.00	ppm		0.00
169) Chrysene-d12c	14.529	240	249662	40.00	ppm		0.00
171) Chrysene-d12d	14.529	240	249662	40.00	ppm		0.00
173) Naphthalene-d8d	5.741	136	321400	40.00	ppm		0.00
175) Chrysene-d12e	14.529	240	249662	40.00	ppm		0.00
177) Perylene-d12b	17.585	264	248449	40.00	ppm		0.00
179) Naphthalene-d8e	5.741	136	321400	40.00	ppm	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.930	112	119128	51.78	ppm		-0.01
Spiked Amount 50.000			Recovery = 103.56%				
8) Phenol-d5	4.582	99	151133	56.02	ppm		0.00
Spiked Amount 50.000			Recovery = 112.04%				
25) Nitrobenzene-d5	5.234	82	138829	58.91	ppm		0.00
Spiked Amount 50.000			Recovery = 117.82%				
51) 2-Fluorobiphenyl	6.564	172	278565	45.36	ppm		0.00
Spiked Amount 50.000			Recovery = 90.72%				
73) 2,4,6-Tribromophenol	8.140	330	32286	35.49	ppm		0.00
Spiked Amount 50.000			Recovery = 70.98%				
86) Terphenyl-d14	12.280	244	304268	50.75	ppm		-0.02
Spiked Amount 50.000			Recovery = 101.50%				
Target Compounds							Qvalue
2) 1,4-Dioxane	2.739	88	48316	47.1600	ppm		97
3) Pyridine	3.001	79	135658	53.3556	ppm		92
4) N-Nitrosodimethylamine	2.963	42	78191	96.9315	ppm		97
6) Indene	5.025	116	211069	49.5478	ppm		92
7) Cumene	4.288	105	275478	51.3432	ppm		96
9) Phenol	4.593	94	160743	54.4070	ppm		96
10) Aniline	4.614	93	193204	52.9433	ppm		90
11) bis(2-Chloroethyl)ether	4.651	93	124004	54.7445	ppm		86
12) 2-Chlorophenol	4.700	128	131542	50.8875	ppm		87
13) Decane	4.716	43	192133	87.5873	ppm		84
14) 1,3-Dichlorobenzene	4.806	146	144991	47.8274	ppm		98
15) 1,4-Dichlorobenzene	4.854	146	148567	47.2460	ppm		99
16) Benzyl alcohol	4.940	108	83662	53.1097	ppm		86
17) 1,2-Dichlorobenzene	4.961	146	141232	47.7935	ppm		99
18) Acetophenone	5.127	105	174489	48.7959	ppm		74
19) 2-Methylphenol	5.015	108	114043	49.8657	ppm		99
20) 2,2'-oxybis(1-Chloropr...	5.025	121	41565	60.8670	ppm	#	1
21) 3&4-Methylphenol	5.122	108	244564	103.2321	ppm		98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219057.D
Acq On : 20 Feb 2024 9:26 am
Operator : karimam
Sample : cc9690-50 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 20 17:43:55 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:41:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
22) n-Nitroso-di-n-propyla...	5.122	70	95197	56.5781	ppm	#	65
23) Hexachloroethane	5.202	201	48479	46.4910	ppm		98
26) Nitrobenzene	5.244	77	141752	58.4858	ppm		90
27) Quinoline	6.003	129	243697	49.4170	ppm		98
28) Isophorone	5.415	82	252224	56.8487	ppm		89
29) 2-Nitrophenol	5.469	139	74697	67.0034	ppm		79
30) 2,4-Dimethylphenol	5.490	107	132236	53.4535	ppm		93
31) Benzoic acid	5.581	105	101356	67.6575	ppm		84
32) bis(2-Chloroethoxy)met...	5.554	93	147419	51.3541	ppm		98
33) 2,4-Dichlorophenol	5.640	162	110986	52.2581	ppm		99
34) 2,6-Dichlorophenol	5.795	162	110248	51.3456	ppm		98
35) 1,3,5-Trichlorobenzene	5.474	180	121950	46.2755	ppm		99
36) 1,2,4-Trichlorobenzene	5.693	180	118506	47.3344	ppm		98
37) 1,2,3-Trichlorobenzene	5.853	180	116210	47.6351	ppm		99
38) Naphthalene	5.757	128	375180	46.5664	ppm		99
39) 4-Chloroaniline	5.795	127	157760	49.1342	ppm		90
40) 2,3-Dichloroaniline	6.495	161	123465	48.0936	ppm		96
41) Hydroquinone	6.051	110	118895	65.1699	ppm		81
42) Hexachlorobutadiene	5.832	225	63633	45.1963	ppm		99
43) 4-Chloro-3-methylphenol	6.142	107	108115	55.6478	ppm		92
44) 2-Methylnaphthalene	6.265	141	211866	45.7920	ppm		92
45) 1-Methylnaphthalene	6.345	142	230279	47.6857	ppm		96
47) Hexachlorocyclopentadiene	6.382	237	110947	96.4762	ppm		95
48) 1,2,4,5-tetrachloroben...	6.398	216	108928	41.5345	ppm		98
49) 2,4,6-Trichlorophenol	6.495	196	77391	50.1099	ppm		98
50) 2,4,5-Trichlorophenol	6.527	196	83808	48.8209	ppm		97
52) 2-Chloronaphthalene	6.676	162	237462	45.4436	ppm		98
53) Biphenyl	6.649	154	301947	44.6026	ppm		99
54) 2-Nitroaniline	6.767	65	80744	76.5683	ppm		83
55) Dimethylphthalate	6.933	163	266275	46.6469	ppm		98
56) Acenaphthylene	7.066	152	284715	44.0140	ppm		99
57) 2,6-Dinitrotoluene	6.991	165	64024	64.5481	ppm		94
58) 3-Nitroaniline	7.173	138	70011	56.2258	ppm		97
59) Acenaphthene	7.242	153	247937	43.1100	ppm		97
60) 2,4-Dinitrophenol	7.275	184	89856	159.2185	ppm		46
61) 4-Nitrophenol	7.344	109	40087	67.8314	ppm		84
62) Dibenzofuran	7.429	168	335315	45.5656	ppm		98
63) 2,4-Dinitrotoluene	7.413	165	86293	58.0551	ppm		78
64) 2,3,4,6-Tetrachlorophenol	7.563	232	64534	49.8437	ppm		92
65) Diethylphthalate	7.691	149	269140	47.1464	ppm		99
66) Fluorene	7.830	166	271329	46.9420	ppm		93
67) 4-Chlorophenyl-phenyle...	7.830	204	122147	45.1352	ppm		94
68) 4-Nitroaniline	7.873	138	72452	57.1303	ppm		94
70) 4,6-Dinitro-2-methylph...	7.894	198	55410	84.0753	ppm		97
71) n-Nitrosodiphenylamine	7.980	169	229951	52.8714	ppm		94
72) 1,2-Diphenylhydrazine	8.033	77	268867	55.7664	ppm		94
74) 4-Bromophenyl-phenylether	8.487	248	64109	41.3806	ppm		83
75) Hexachlorobenzene	8.562	284	67700	34.7513	ppm		82
76) Pentachlorophenol	8.872	266	98608	98.9931	ppm		96
77) Phenanthrene	9.208	178	381319	48.3060	ppm		100
78) Anthracene	9.294	178	385247	49.8198	ppm		98
79) Carbazole	9.577	167	365361	51.3422	ppm		98
80) Di-n-butylphthalate	10.288	149	467483	53.2916	ppm		100
81) Fluoranthene	11.399	202	399428	48.5254	ppm		98
82) Octadecane	9.043	57	218268	83.9240	ppm		77
84) Benzidine	11.757	184	243717	59.9038	ppm		99
85) Pyrene	11.853	202	417575	54.4925	ppm		97
87) Butylbenzylphthalate	13.466	149	207120	69.0806	ppm		95

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219057.D
Acq On : 20 Feb 2024 9:26 am
Operator : karimam
Sample : cc9690-50 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 20 17:43:55 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:41:02 2024
Response via : Initial Calibration

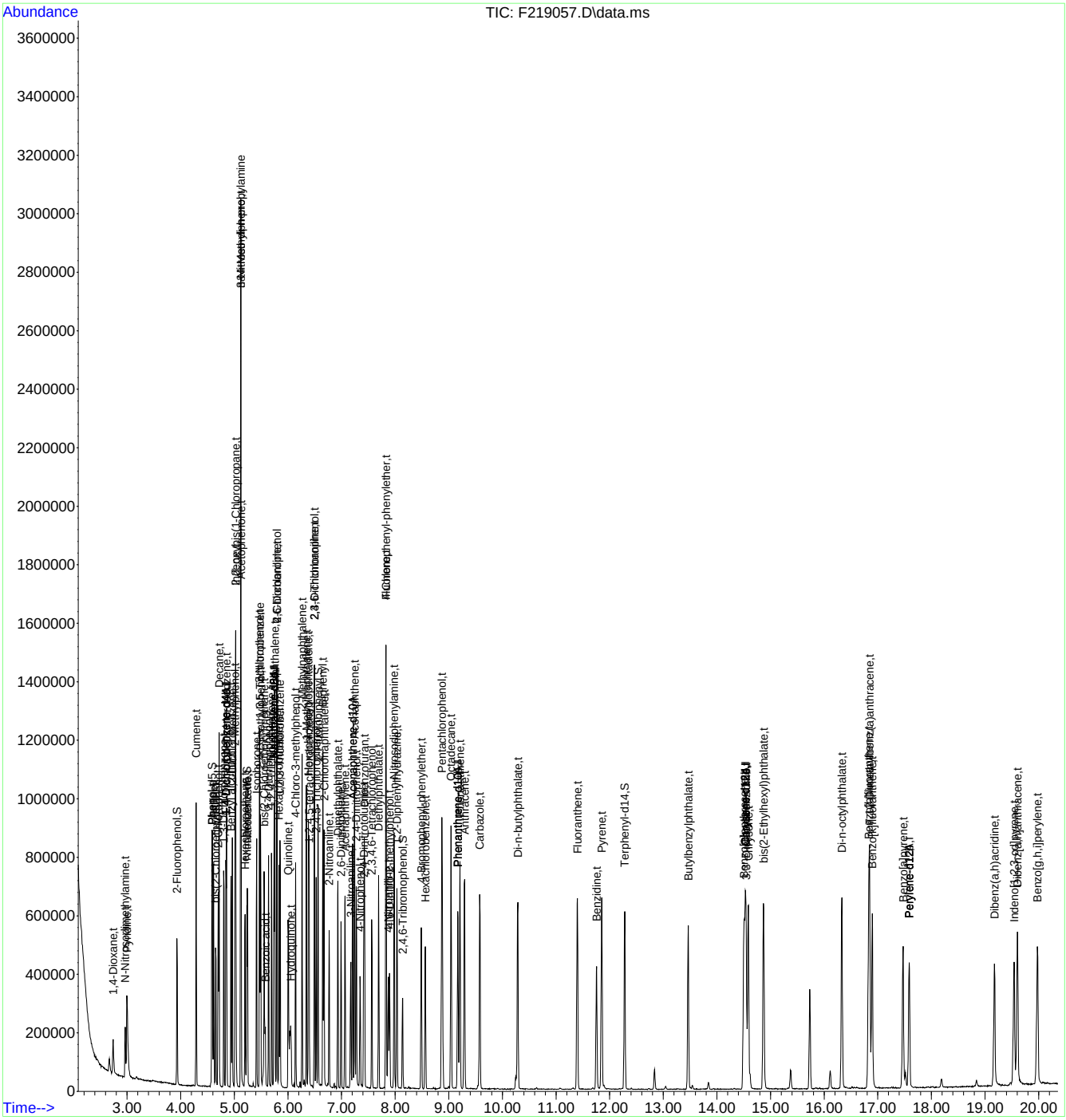
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo[a]anthracene	14.503	228	370023	50.5231	ppm	96
89) 3,3'-Dichlorobenzidine	14.545	252	144650	52.8914	ppm	97
90) Chrysene	14.588	228	359644	49.6111	ppm	99
91) bis(2-Ethylhexyl)phtha...	14.871	149	293704	64.9373	ppm	93
93) Di-n-octylphthalate	16.330	149	506906	66.7168	ppm	93
94) Benzo[b]fluoranthene	16.832	252	362384	54.2739	ppm	95
95) Benzo[k]fluoranthene	16.896	252	334700	51.9607	ppm	98
96) Benzo[a]pyrene	17.473	252	296556	54.9253	ppm	98
97) Indeno[1,2,3-cd]pyrene	19.546	276	269491	48.1204	ppm	92
98) Dibenz(a,h)acridine	19.177	279	256946	49.5183	ppm	99
99) Dibenz[a,h]anthracene	19.604	278	307017	48.4496	ppm	96
100) 7,12-Dimethylbenz(a)an...	16.848	256	165881	66.8725	ppm	99
101) Benzo[g,h,i]perylene	19.978	276	307801	46.6674	ppm	91

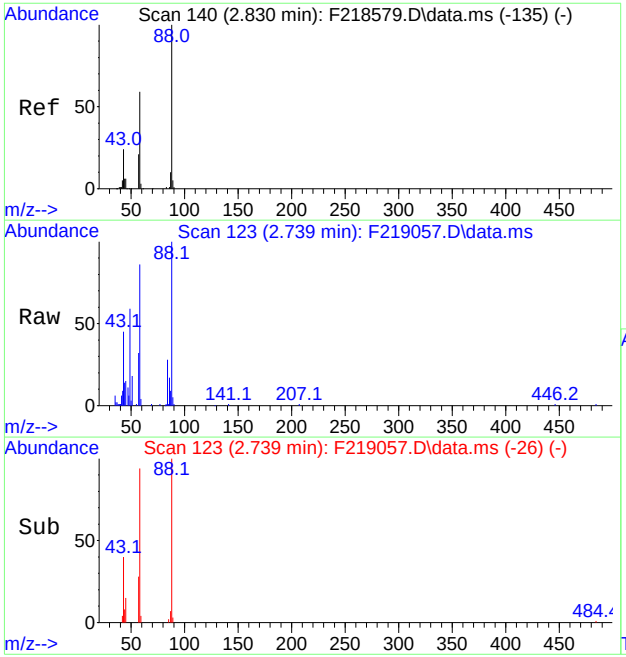
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219057.D
Acq On : 20 Feb 2024 9:26 am
Operator : karimam
Sample : cc9690-50 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 20 17:43:55 2024
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Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:41:02 2024
Response via : Initial Calibration

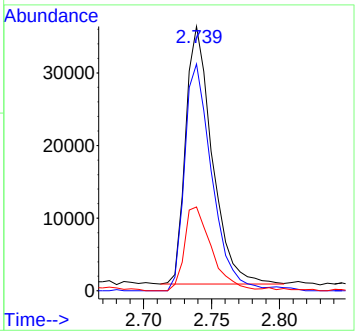


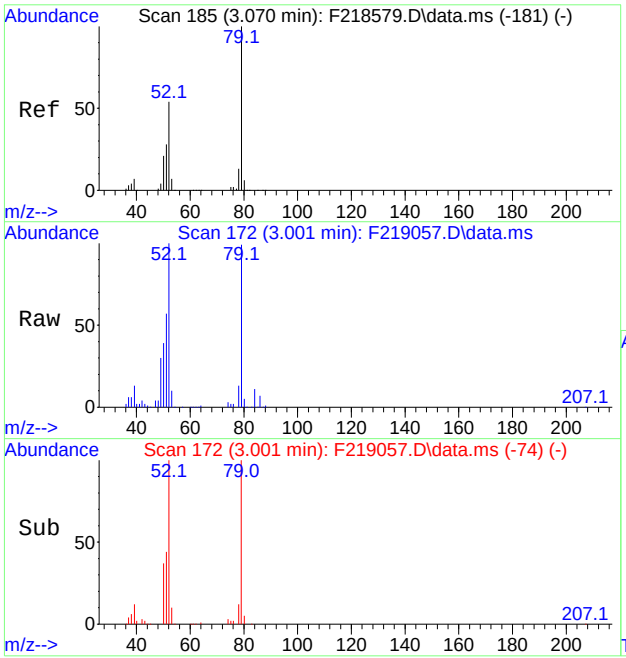


#2
1,4-Dioxane
Concen: 47.1600 ppm
RT: 2.739 min Scan# 123
Delta R.T. 0.016 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 88 Resp: 48316

Ion	Ratio	Lower	Upper
88	100		
58	87.4	54.0	114.0
57	32.2	0.9	60.9

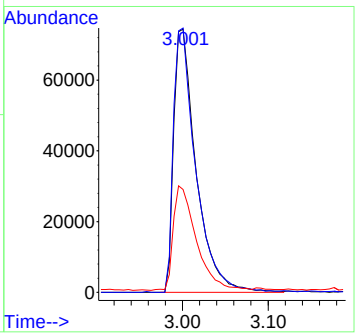


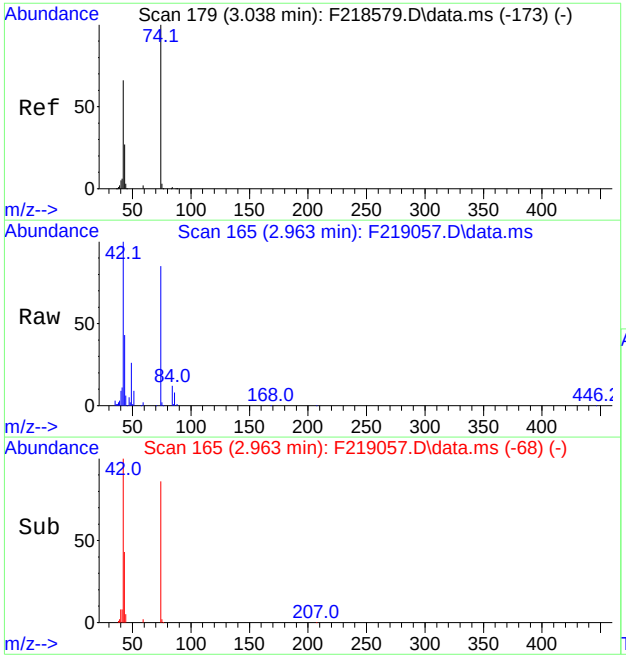


#3
Pyridine
Concen: 53.3556 ppm
RT: 3.001 min Scan# 172
Delta R.T. 0.021 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 79 Resp: 135658

Ion	Ratio	Lower	Upper
79	100		
52	100.4	77.5	137.5
50	38.1	14.9	74.9

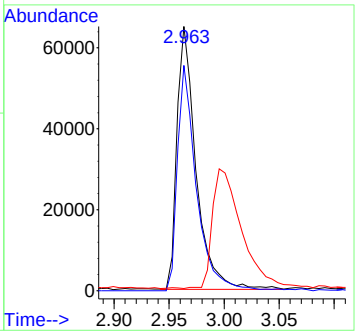


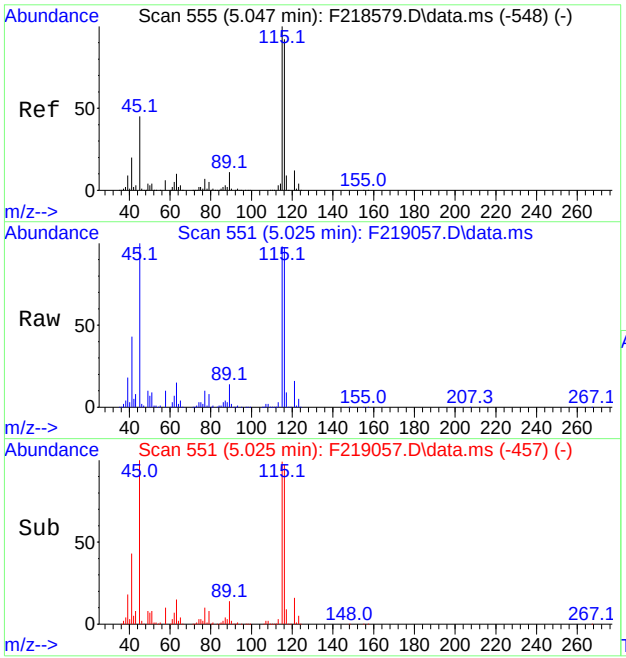


#4
N-Nitrosodimethylamine
Concen: 96.9315 ppm
RT: 2.963 min Scan# 165
Delta R.T. 0.016 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 42 Resp: 78191

Ion	Ratio	Lower	Upper
42	100		
74	85.6	53.0	113.0
50	0.0	0.0	32.0

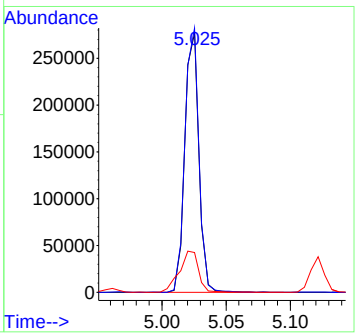


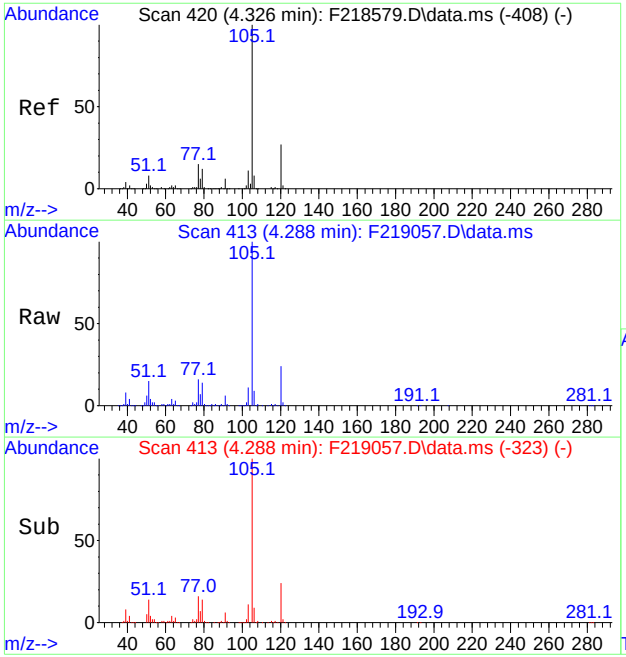


#6
Indene
Concen: 49.5478 ppm
RT: 5.025 min Scan# 551
Delta R.T. 0.001 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:116 Resp: 211069

Ion	Ratio	Lower	Upper
116	100		
115	102.0	79.0	139.0
63	15.3	0.0	39.1

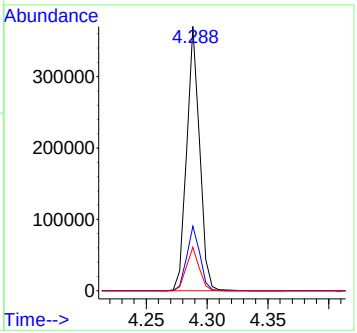


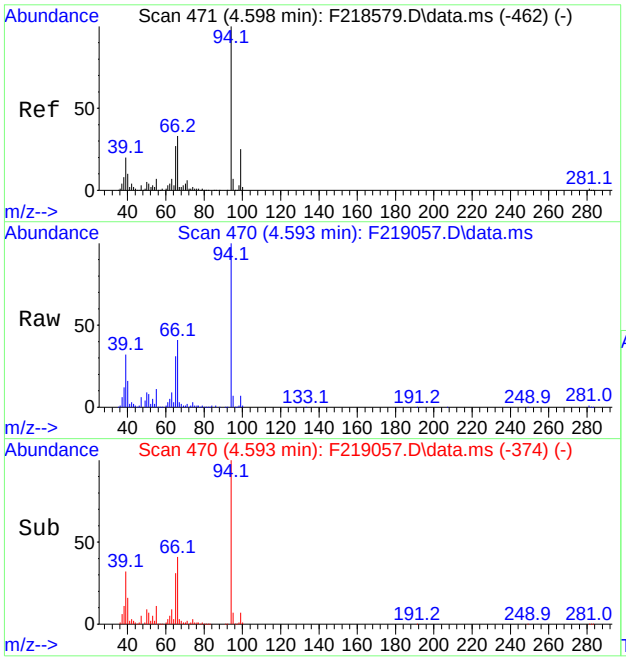


#7
Cumene
Concen: 51.3432 ppm
RT: 4.288 min Scan# 413
Delta R.T. -0.018 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:105 Resp: 275478

Ion	Ratio	Lower	Upper
105	100		
120	24.4	0.0	56.8
77	16.4	0.0	44.8

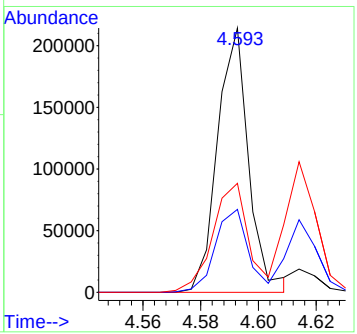


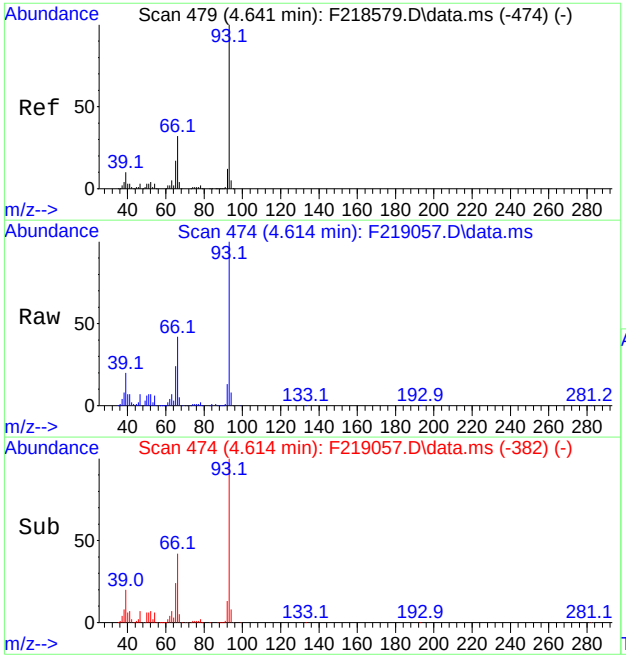


#9
Phenol
Concen: 54.4070 ppm
RT: 4.593 min Scan# 470
Delta R.T. 0.015 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 94 Resp: 160743

Ion	Ratio	Lower	Upper
94	100		
65	25.7	0.0	56.7
66	29.3	2.3	62.3

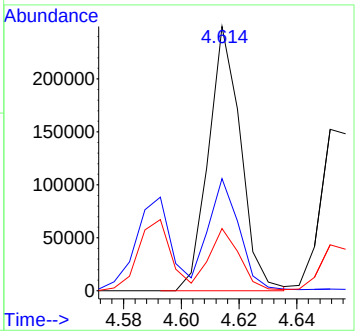


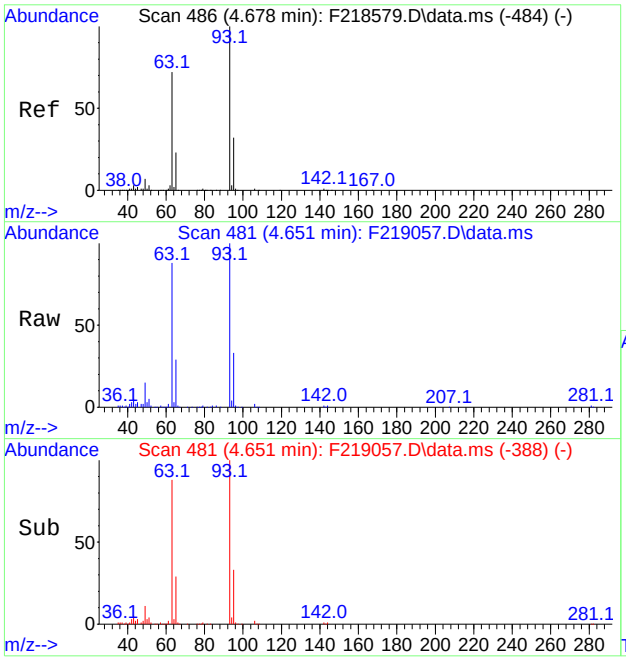


#10
Aniline
Concen: 52.9433 ppm
RT: 4.614 min Scan# 474
Delta R.T. -0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 93 Resp: 193204

Ion	Ratio	Lower	Upper
93	100		
66	24.6	0.0	49.7
65	10.0	0.0	36.7

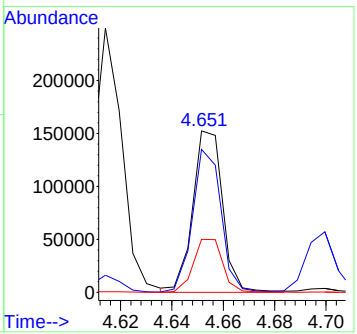


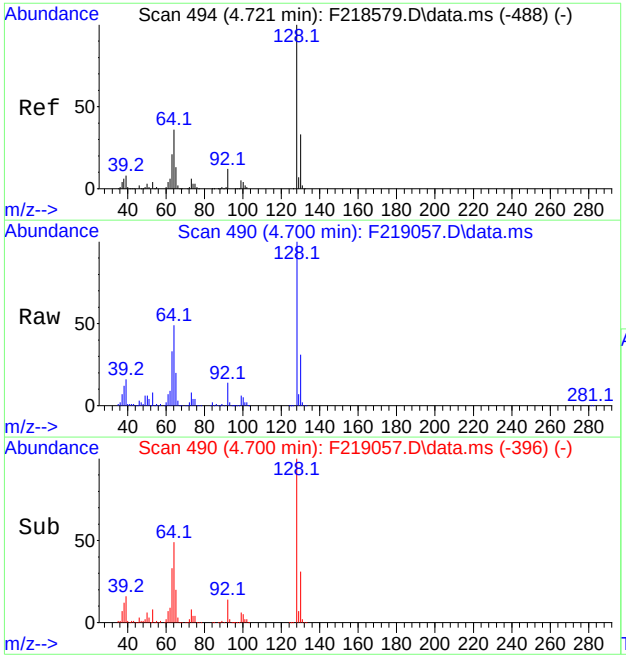


#11
bis(2-Chloroethyl)ether
Concen: 54.7445 ppm
RT: 4.651 min Scan# 481
Delta R.T. -0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 93 Resp: 124004

Ion	Ratio	Lower	Upper
93	100		
63	89.3	42.5	102.5
95	33.2	2.4	62.4

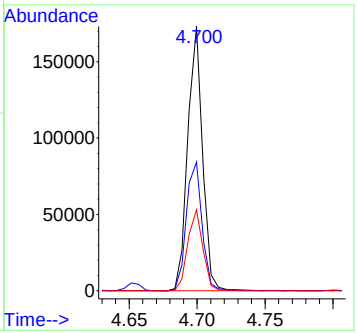


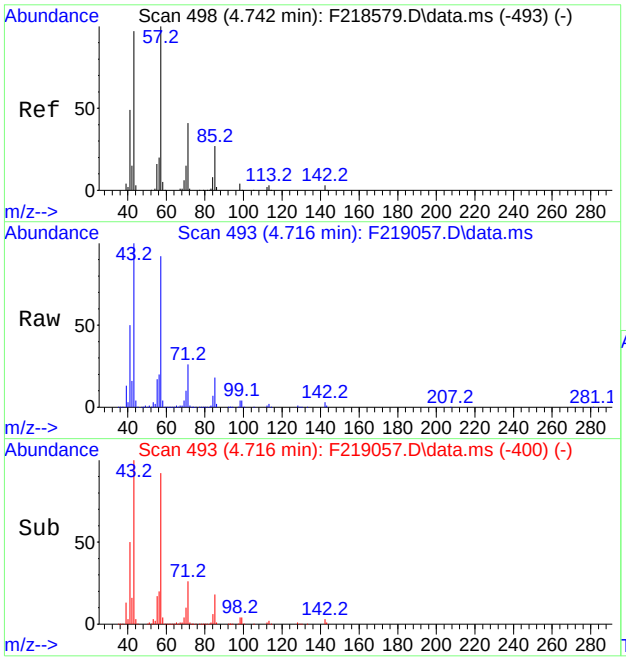


#12
2-Chlorophenol
Concen: 50.8875 ppm
RT: 4.700 min Scan# 490
Delta R.T. -0.000 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:128 Resp: 131542

Ion	Ratio	Lower	Upper
128	100		
64	48.7	5.8	65.8
130	30.6	3.0	63.0

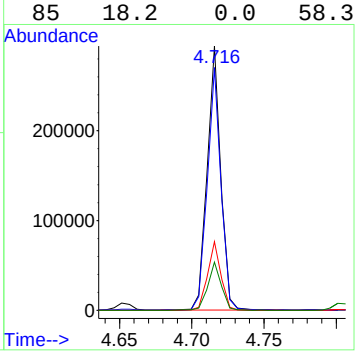


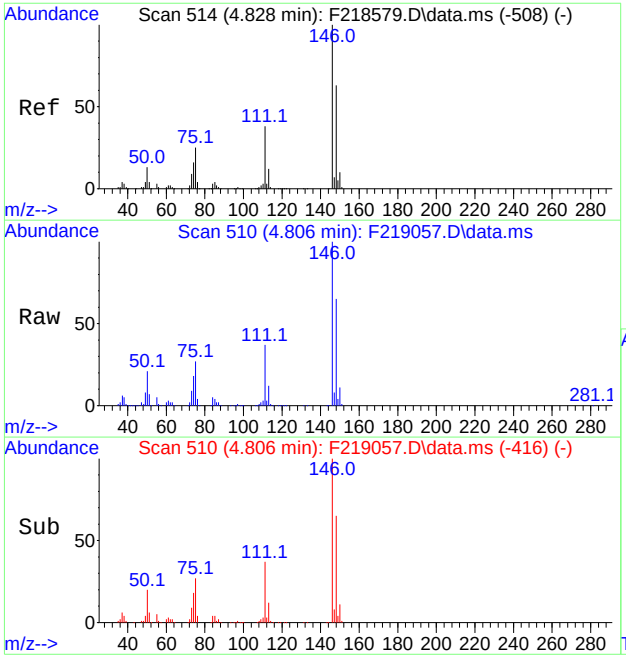


#13
Decane
Concen: 87.5873 ppm
RT: 4.716 min Scan# 493
Delta R.T. -0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 43 Resp: 192133

Ion	Ratio	Lower	Upper
43	100		
57	91.7	73.2	133.2
71	26.0	13.0	73.0
85	18.2	0.0	58.3

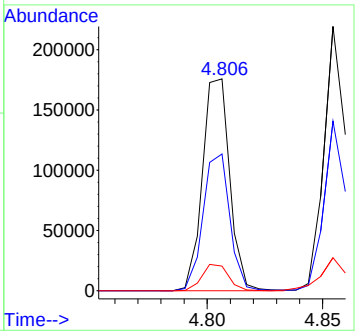


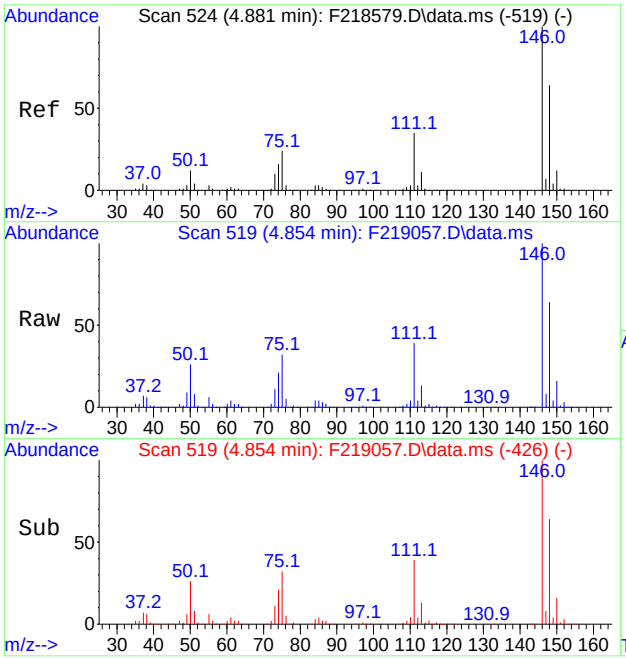


#14
1,3-Dichlorobenzene
Concen: 47.8274 ppm
RT: 4.806 min Scan# 510
Delta R.T. 0.000 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:146 Resp: 144991

Ion	Ratio	Lower	Upper
146	100		
148	64.6	32.8	92.8
113	11.6	0.0	41.8

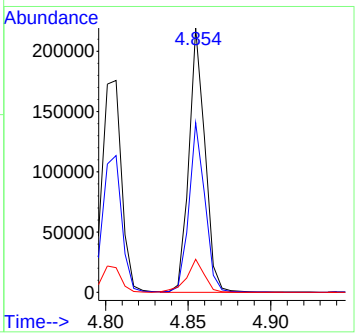


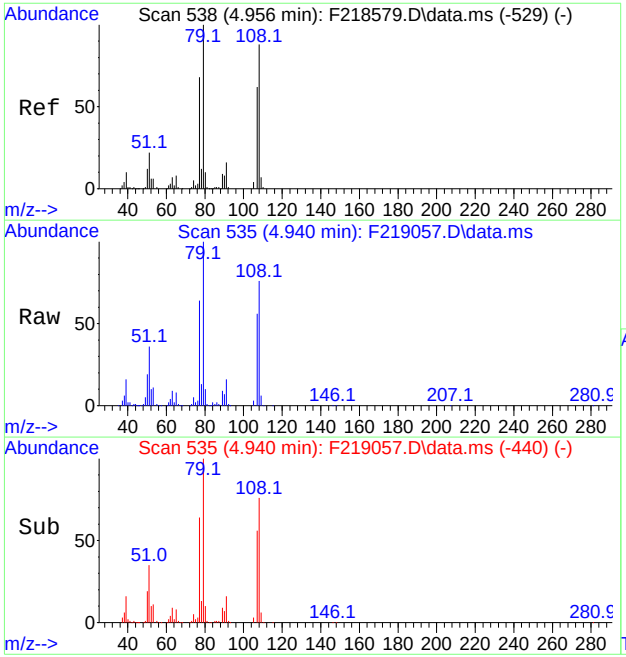


#15
1,4-Dichlorobenzene
Concen: 47.2460 ppm
RT: 4.854 min Scan# 519
Delta R.T. -0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:146 Resp: 148567

Ion	Ratio	Lower	Upper
146	100		
148	64.1	33.9	93.9
113	12.4	0.0	41.1

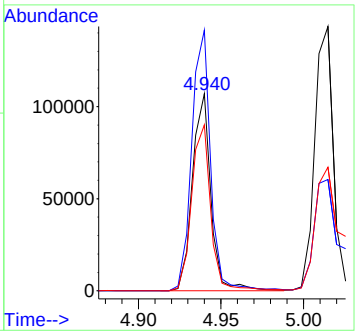


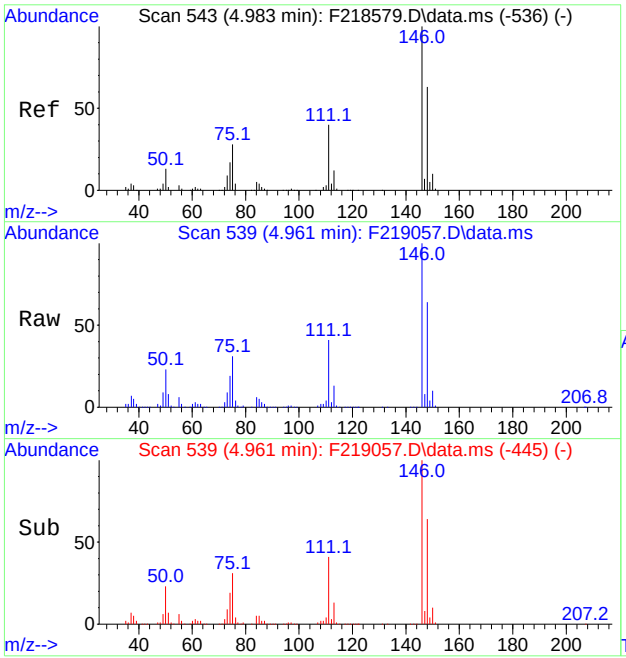


#16
Benzyl alcohol
Concen: 53.1097 ppm
RT: 4.940 min Scan# 535
Delta R.T. 0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:108 Resp: 83662

Ion	Ratio	Lower	Upper
108	100		
79	132.2	83.1	143.1
77	84.1	46.8	106.8

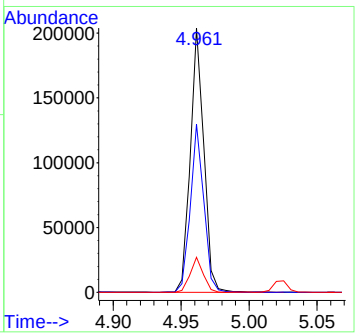


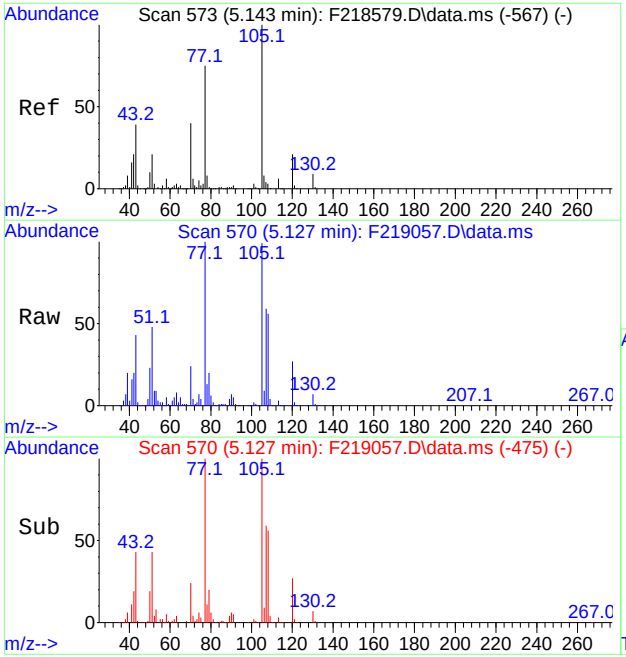


#17
1,2-Dichlorobenzene
Concen: 47.7935 ppm
RT: 4.961 min Scan# 539
Delta R.T. 0.001 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:146 Resp: 141232

Ion	Ratio	Lower	Upper
146	100		
148	63.5	32.7	92.7
113	11.1	0.0	41.4

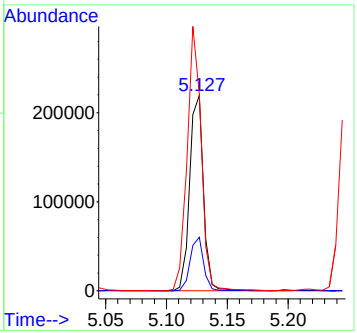


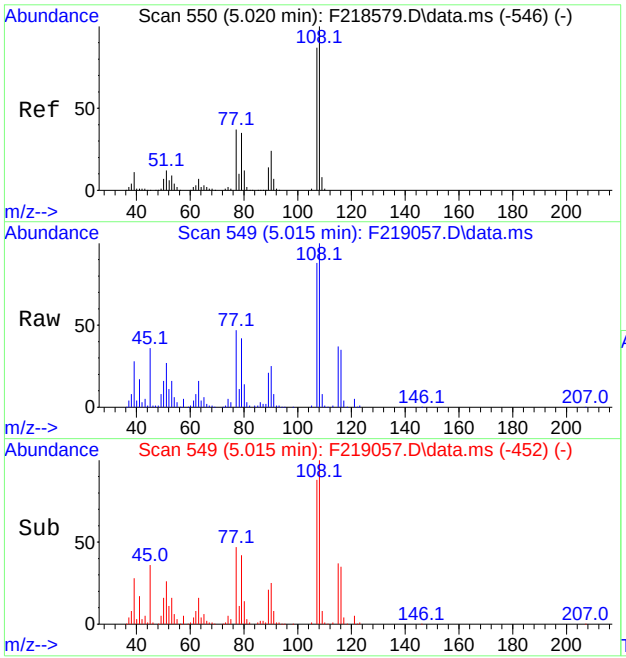


#18
Acetophenone
Concen: 48.7959 ppm
RT: 5.127 min Scan# 570
Delta R.T. 0.007 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:105 Resp: 174489

Ion	Ratio	Lower	Upper
105	100		
120	27.2	0.0	50.5
77	100.6	45.3	105.3

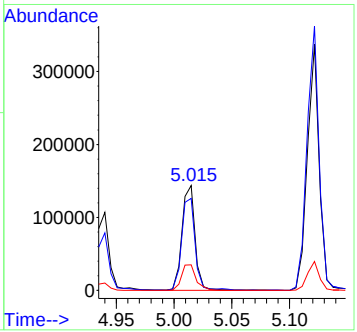


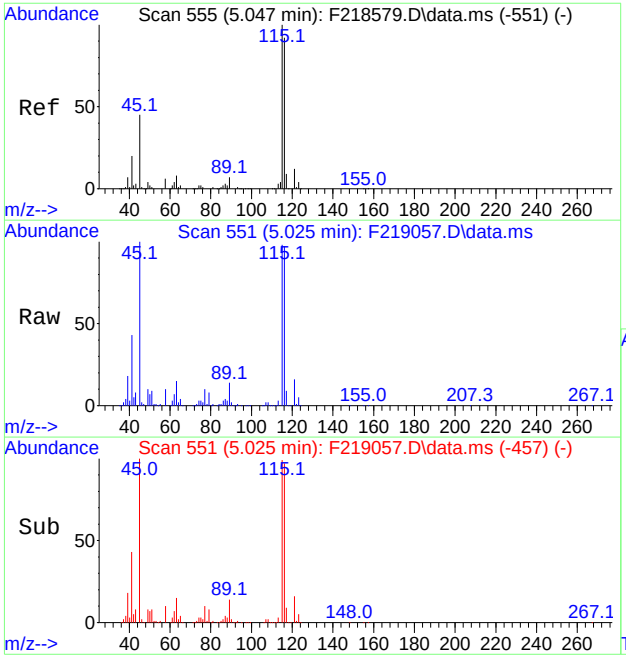


#19
2-Methylphenol
Concen: 49.8657 ppm
RT: 5.015 min Scan# 549
Delta R.T. 0.017 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:108 Resp: 114043

Ion	Ratio	Lower	Upper
108	100		
107	87.7	56.9	116.9
90	24.5	0.0	53.5

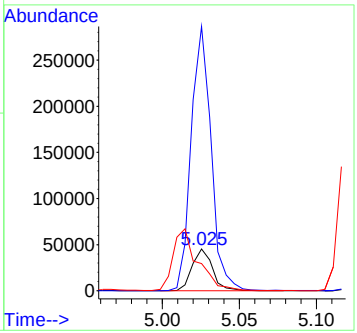


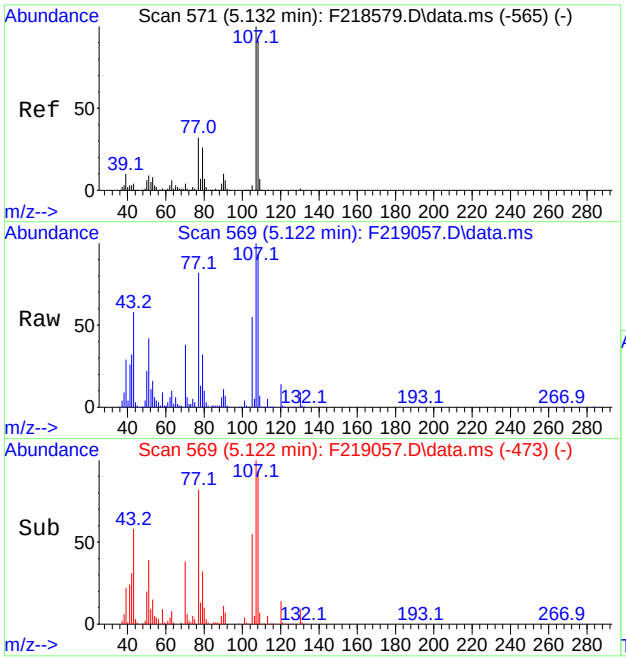


#20
2,2'-oxybis(1-Chloropropane
Concen: 60.8670 ppm
RT: 5.025 min Scan# 551
Delta R.T. 0.001 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:121 Resp: 41565

Ion	Ratio	Lower	Upper
121	100		
45	633.4	351.3	411.3#
77	63.4	0.0	30.0#

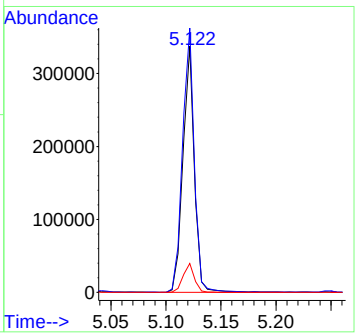


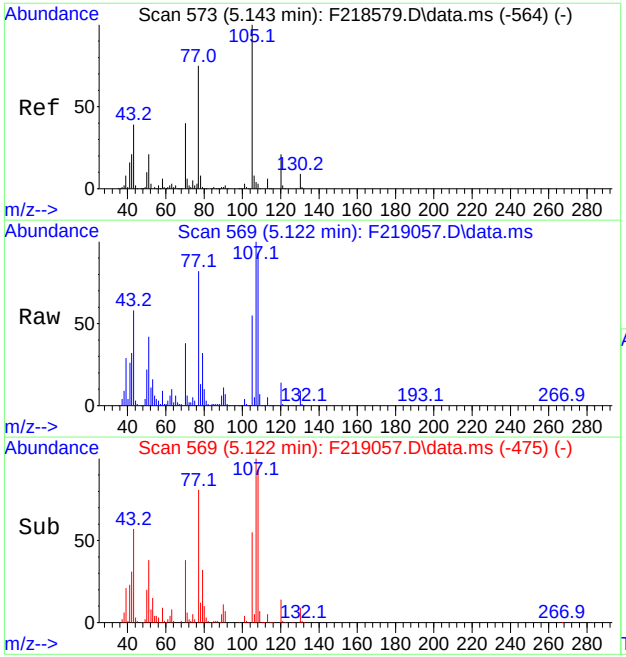


#21
3&4-Methylphenol
Concen: 103.2321 ppm
RT: 5.122 min Scan# 569
Delta R.T. 0.012 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:108 Resp: 244564

Ion	Ratio	Lower	Upper
108	100		
107	107.4	79.5	139.5
90	11.7	0.0	40.5

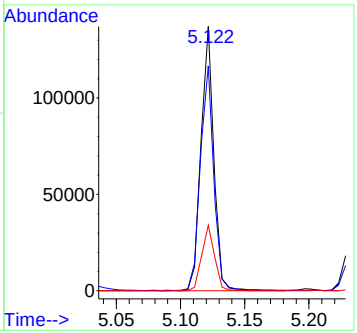


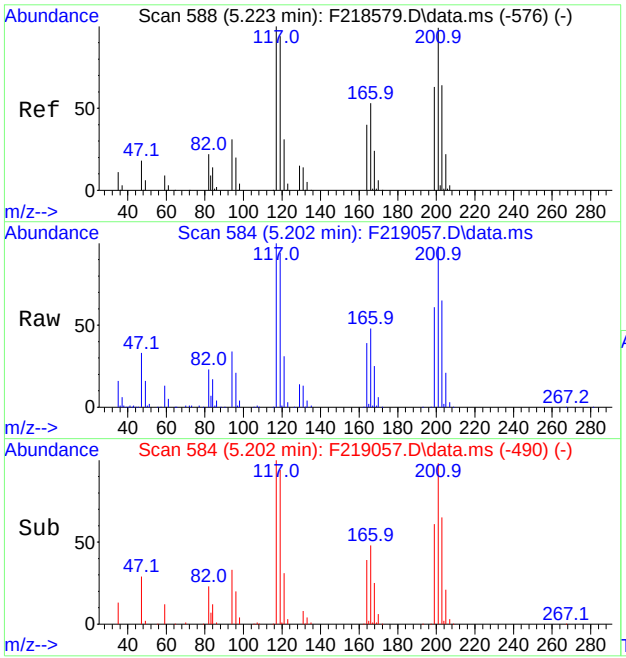


#22
n-Nitroso-di-n-propylamine
Concen: 56.5781 ppm
RT: 5.122 min Scan# 569
Delta R.T. 0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 70 Resp: 95197

Ion	Ratio	Lower	Upper
70	100		
42	84.7	36.2	67.2#
130	24.8	15.6	29.0

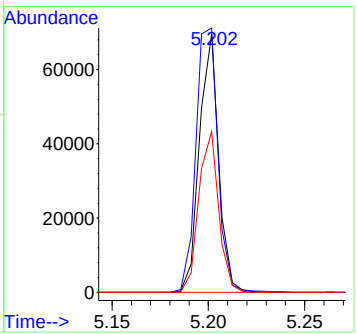


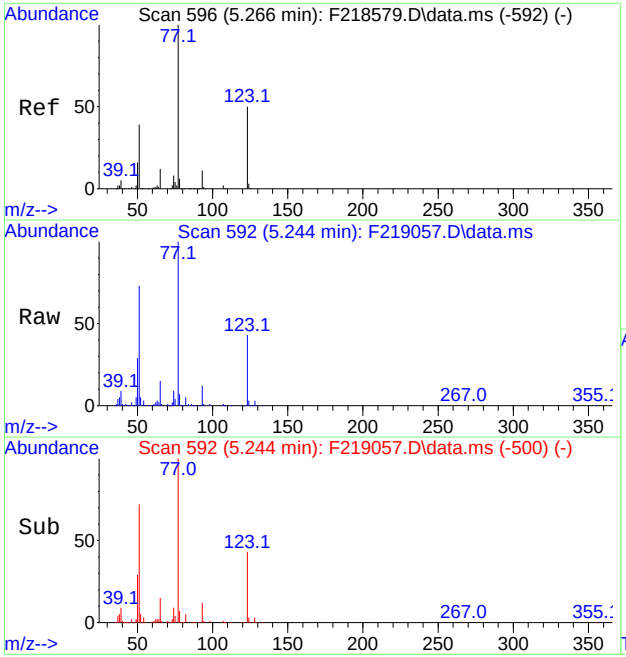


#23
Hexachloroethane
Concen: 46.4910 ppm
RT: 5.202 min Scan# 584
Delta R.T. 0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:201 Resp: 48479

Ion	Ratio	Lower	Upper
201	100		
117	102.2	70.8	130.8
199	62.3	33.7	93.7

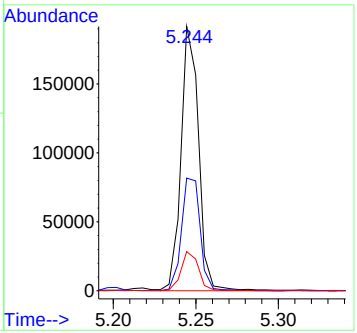


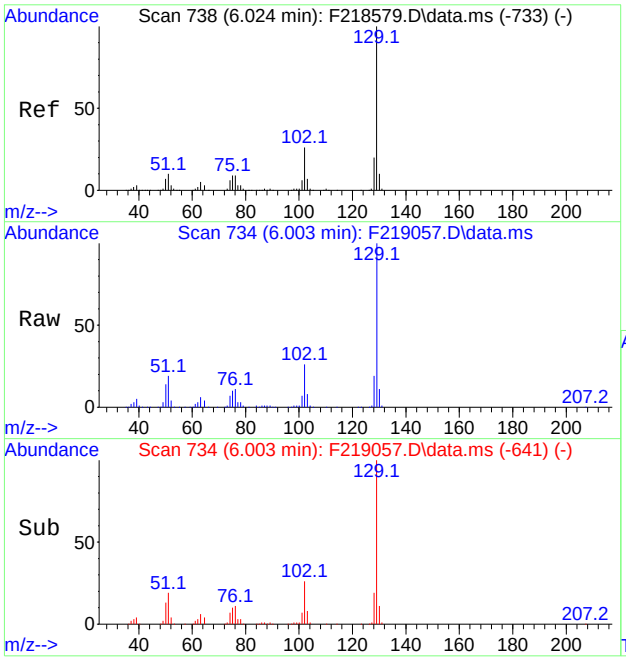


#26
Nitrobenzene
Concen: 58.4858 ppm
RT: 5.244 min Scan# 592
Delta R.T. -0.007 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 77 Resp: 141752

Ion	Ratio	Lower	Upper
77	100		
123	42.8	20.4	80.4
65	14.9	0.0	41.9

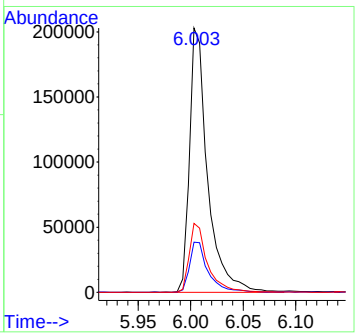


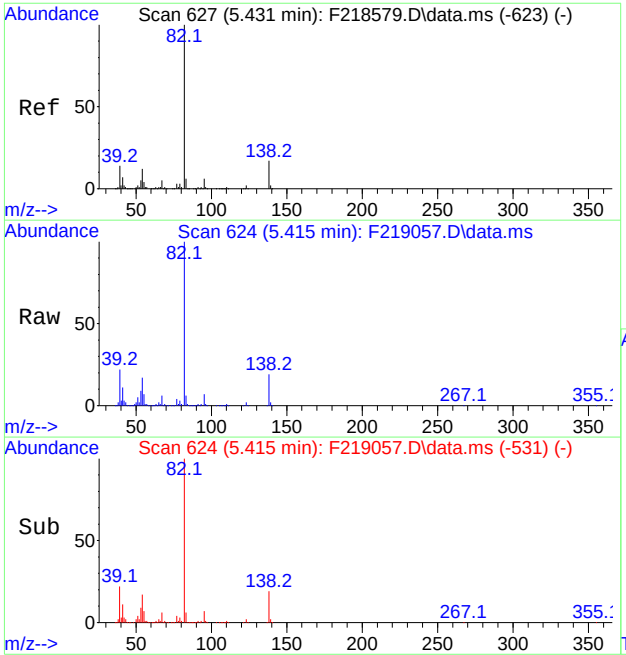


#27
Quinoline
Concen: 49.4170 ppm
RT: 6.003 min Scan# 734
Delta R.T. -0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:129 Resp: 243697

Ion	Ratio	Lower	Upper
129	100		
128	19.0	0.0	50.3
102	26.1	0.0	55.9

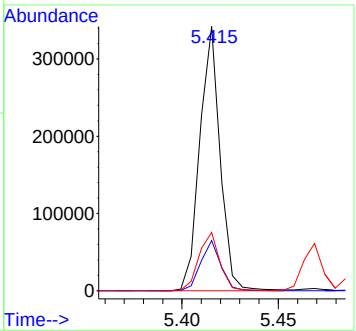


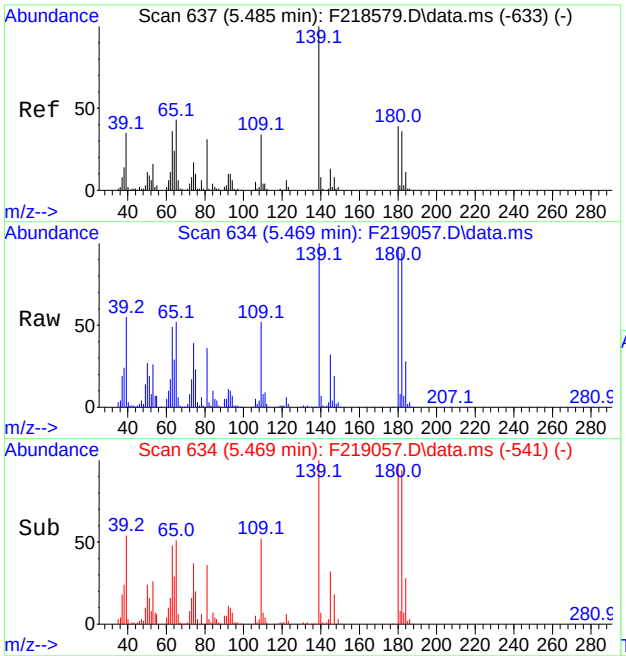


#28
Isophorone
Concen: 56.8487 ppm
RT: 5.415 min Scan# 624
Delta R.T. -0.001 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 82 Resp: 252224

Ion	Ratio	Lower	Upper
82	100		
138	19.0	0.0	47.1
39	22.0	0.0	44.0

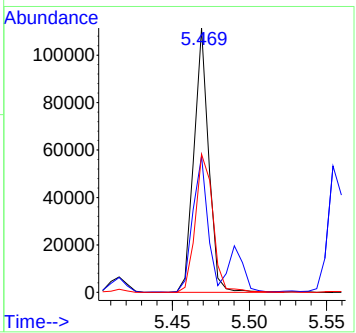


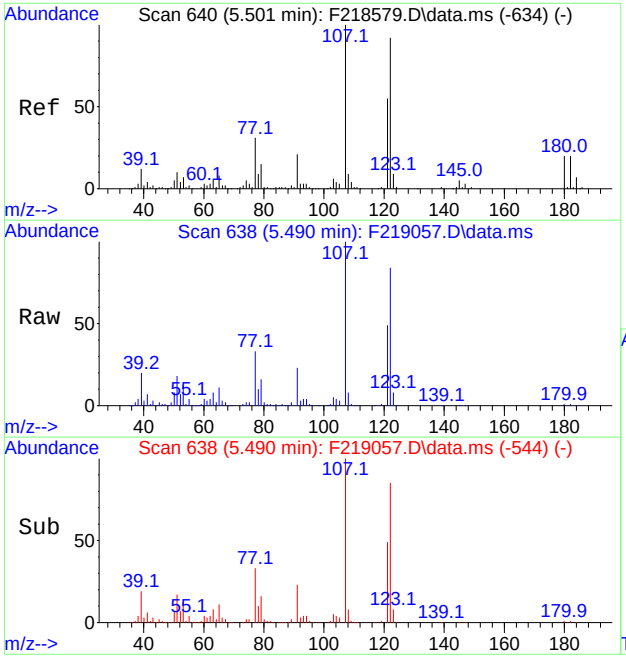


#29
2-Nitrophenol
Concen: 67.0034 ppm
RT: 5.469 min Scan# 634
Delta R.T. -0.001 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:139 Resp: 74697

Ion	Ratio	Lower	Upper
139	100		
65	51.3	13.1	73.1
109	52.2	3.7	63.7

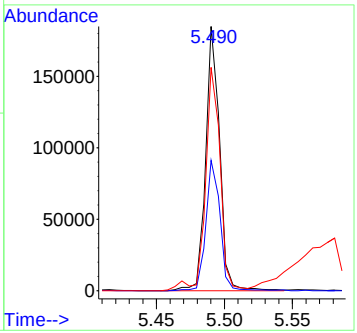


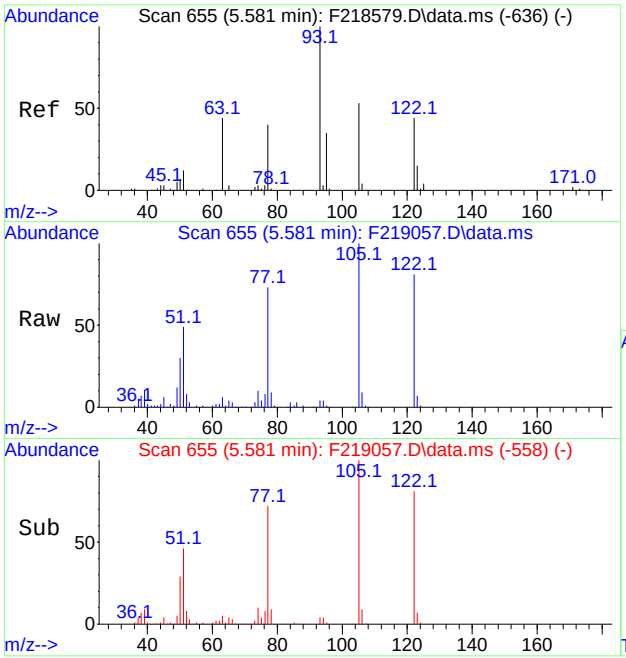


#30
2,4-Dimethylphenol
Concen: 53.4535 ppm
RT: 5.490 min Scan# 638
Delta R.T. 0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:107 Resp: 132236

Ion	Ratio	Lower	Upper
107	100		
121	49.1	25.4	85.4
122	81.1	57.3	117.3

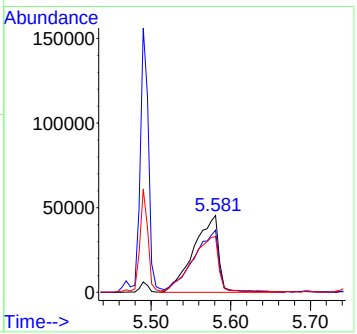


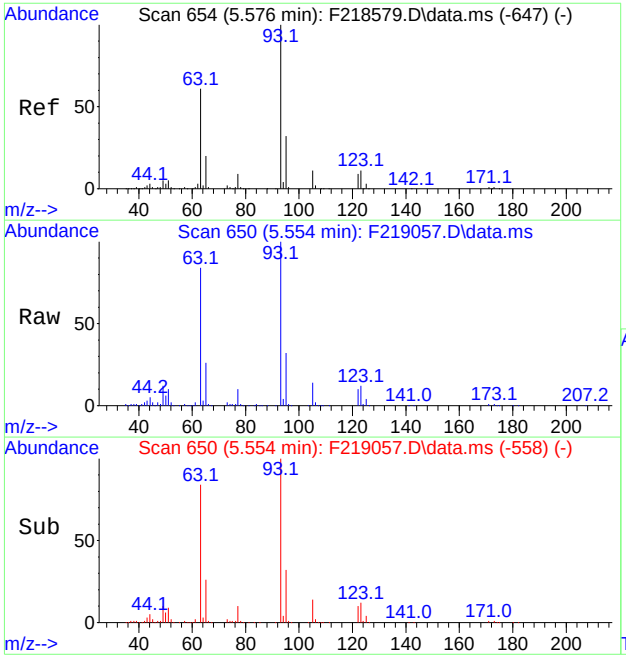


#31
Benzoic acid
Concen: 67.6575 ppm
RT: 5.581 min Scan# 655
Delta R.T. 0.017 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:105 Resp: 101356

Ion	Ratio	Lower	Upper
105	100		
122	78.9	26.4	86.4
77	71.8	38.3	98.3

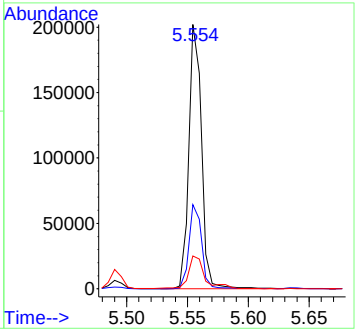


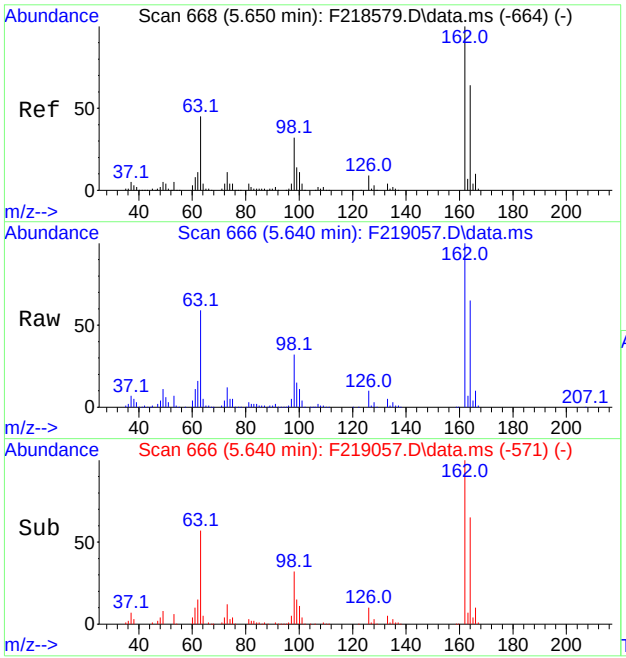


#32
bis(2-Chloroethoxy)methane
Concen: 51.3541 ppm
RT: 5.554 min Scan# 650
Delta R.T. -0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 93 Resp: 147419

Ion	Ratio	Lower	Upper
93	100		
95	31.8	2.5	62.5
123	12.3	0.0	41.2

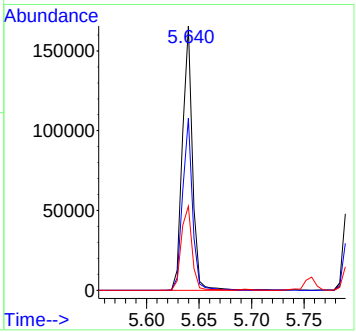


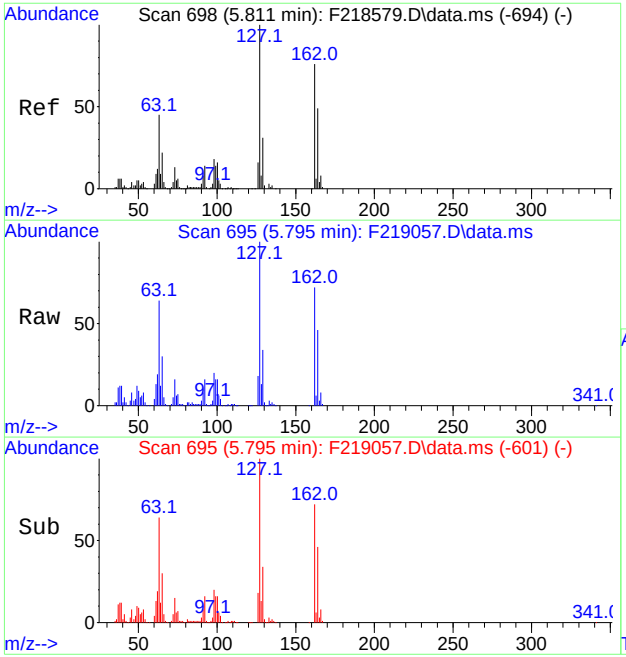


#33
2,4-Dichlorophenol
Concen: 52.2581 ppm
RT: 5.640 min Scan# 666
Delta R.T. 0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:162 Resp: 110986

Ion	Ratio	Lower	Upper
162	100		
164	65.1	33.6	93.6
98	31.8	1.5	61.5

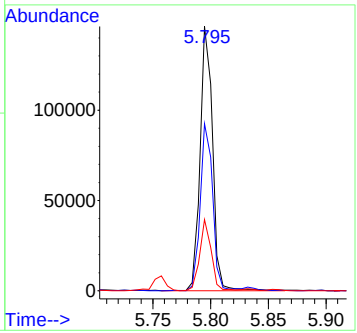


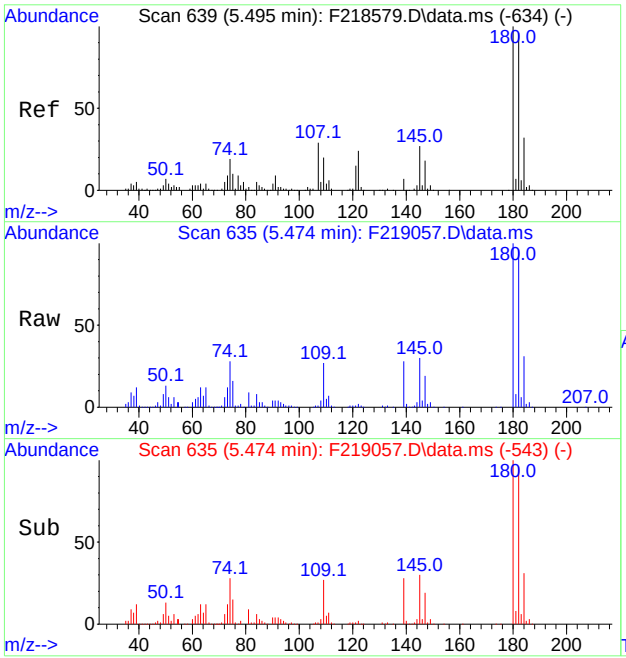


#34
2,6-Dichlorophenol
Concen: 51.3456 ppm
RT: 5.795 min Scan# 695
Delta R.T. 0.000 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:162 Resp: 110248

Ion	Ratio	Lower	Upper
162	100		
164	63.1	34.9	94.9
98	24.0	0.0	53.2

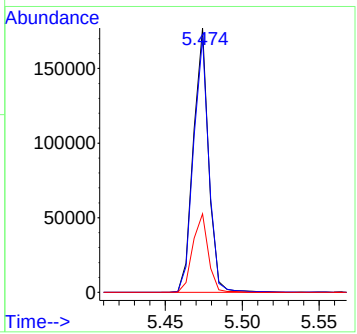


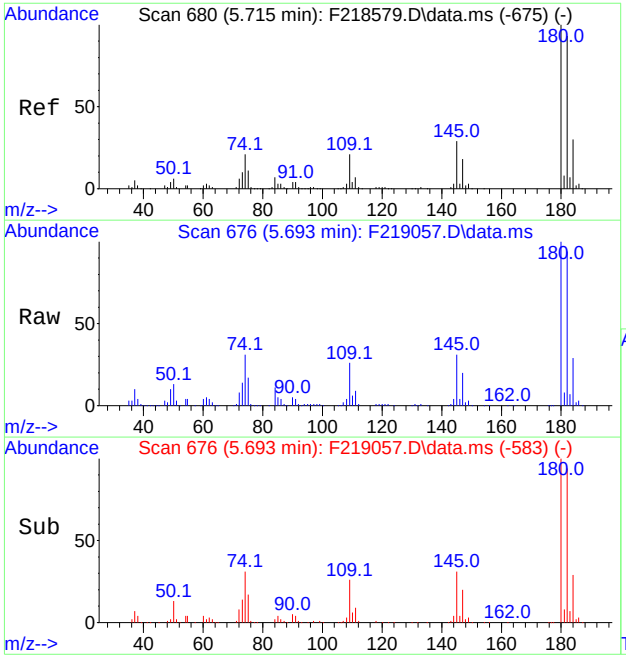


#35
1,3,5-Trichlorobenzene
Concen: 46.2755 ppm
RT: 5.474 min Scan# 635
Delta R.T. -0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:180 Resp: 121950

Ion	Ratio	Lower	Upper
180	100		
182	96.3	66.2	126.2
145	29.7	0.0	57.2

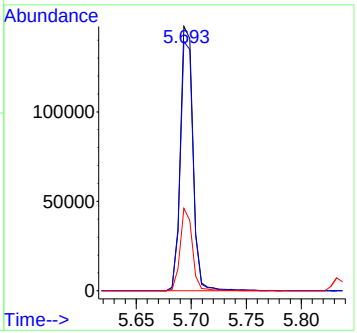


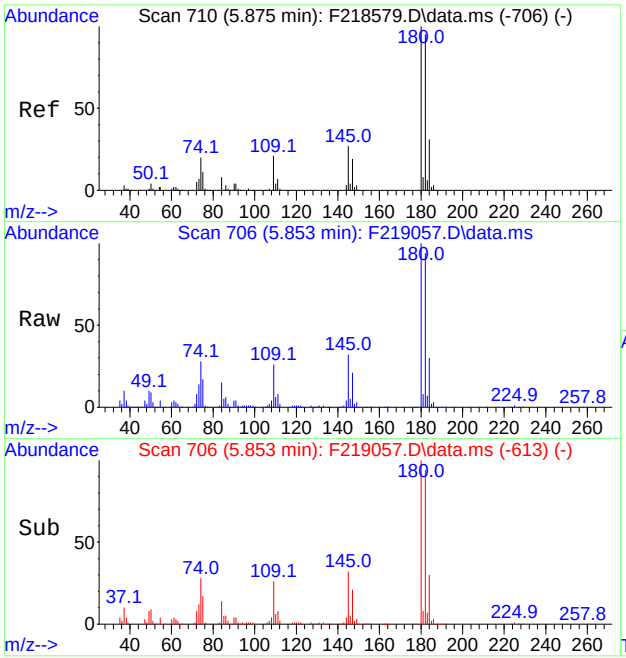


#36
1,2,4-Trichlorobenzene
Concen: 47.3344 ppm
RT: 5.693 min Scan# 676
Delta R.T. -0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:180 Resp: 118506

Ion	Ratio	Lower	Upper
180	100		
182	94.2	62.8	122.8
145	31.1	0.0	58.7

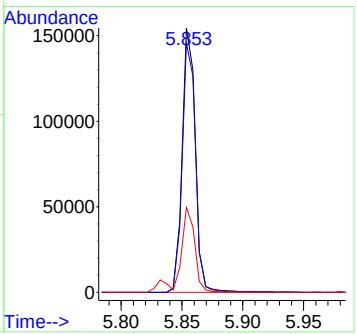


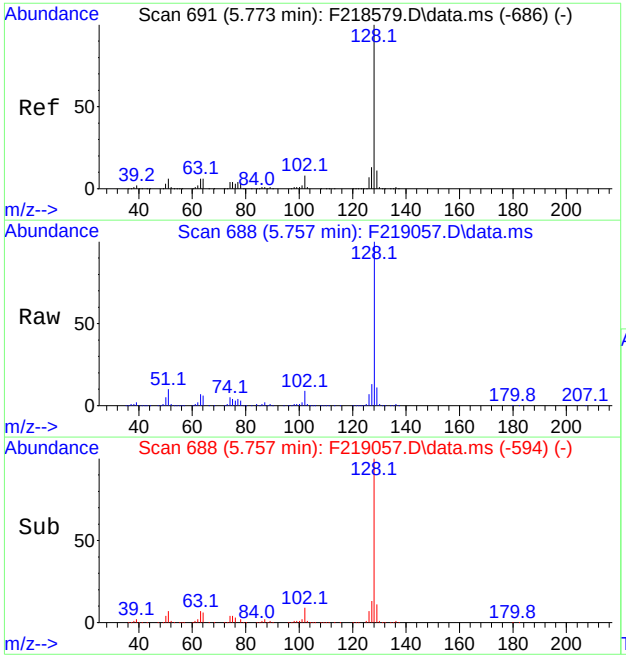


#37
1,2,3-Trichlorobenzene
Concen: 47.6351 ppm
RT: 5.853 min Scan# 706
Delta R.T. -0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:180 Resp: 116210

Ion	Ratio	Lower	Upper
180	100		
182	94.2	65.1	125.1
145	29.8	0.0	59.2

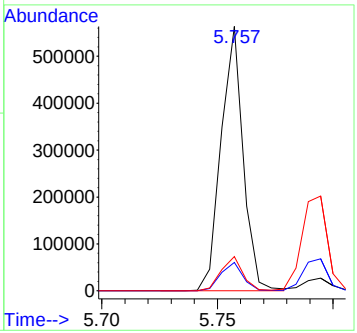


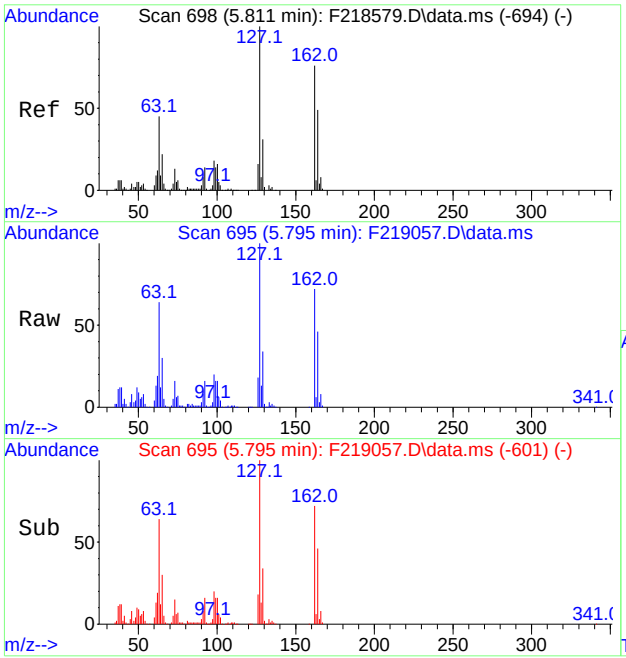


#38
Naphthalene
Concen: 46.5664 ppm
RT: 5.757 min Scan# 688
Delta R.T. 0.000 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:128 Resp: 375180

Ion	Ratio	Lower	Upper
128	100		
129	10.7	0.0	41.2
127	12.6	0.0	42.9

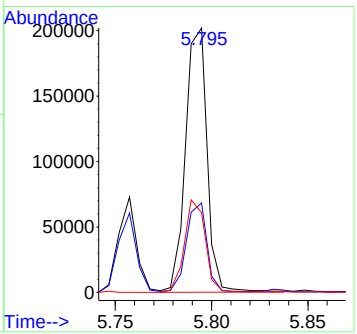


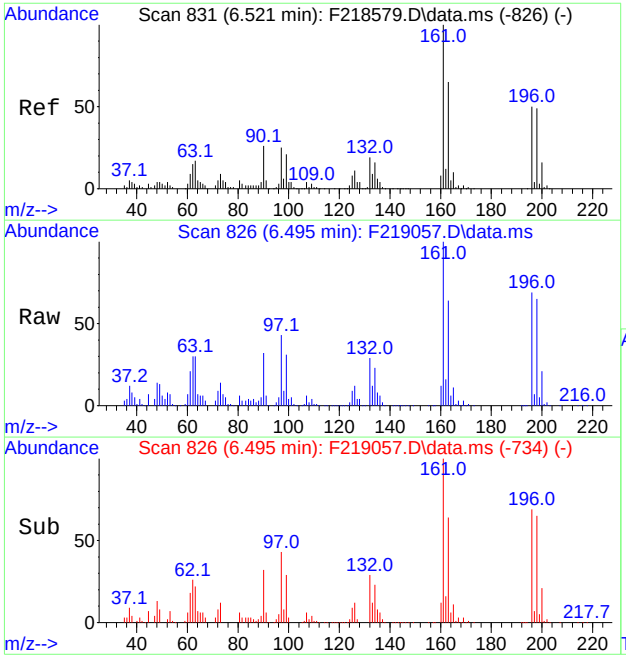


#39
4-Chloroaniline
Concen: 49.1342 ppm
RT: 5.795 min Scan# 695
Delta R.T. 0.000 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:127 Resp: 157760

Ion	Ratio	Lower	Upper
127	100		
129	33.4	1.5	61.5
65	30.2	0.0	51.5

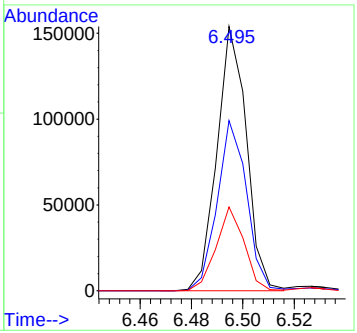


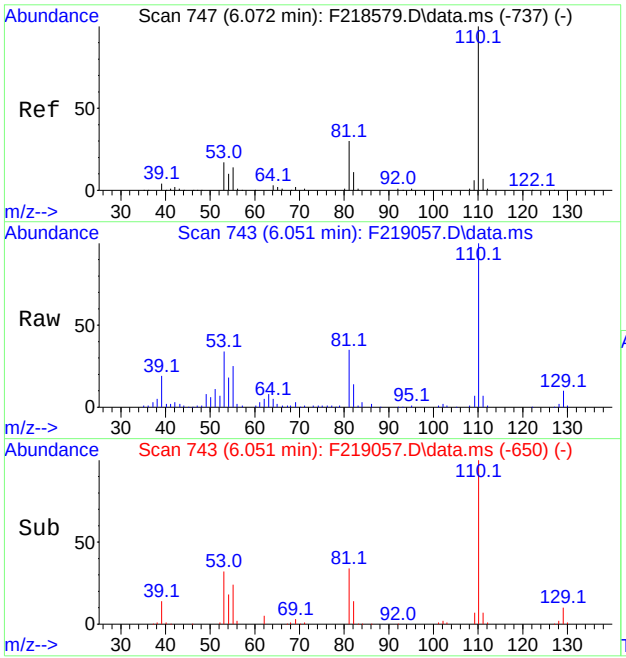


#40
2,3-Dichloroaniline
Concen: 48.0936 ppm
RT: 6.495 min Scan# 826
Delta R.T. -0.009 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:161 Resp: 123465

Ion	Ratio	Lower	Upper
161	100		
163	64.4	35.0	95.0
90	31.8	0.0	56.3

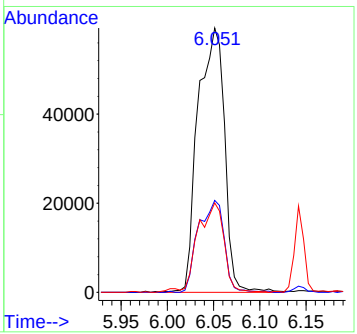


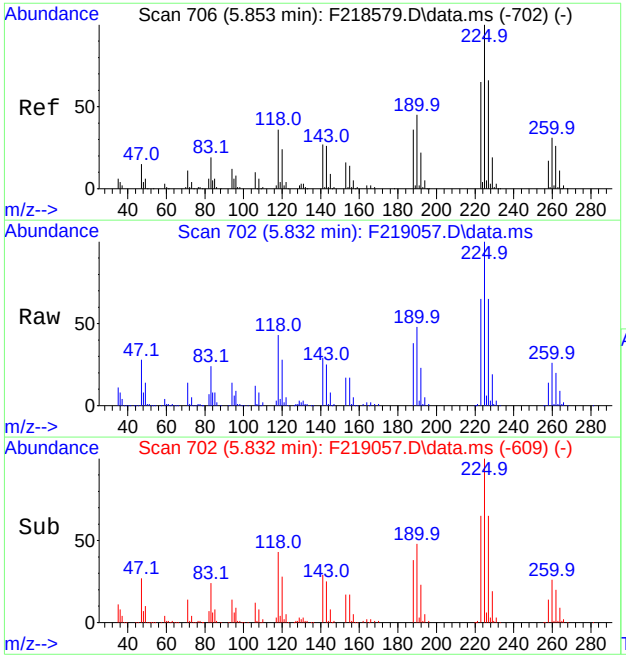


#41
Hydroquinone
Concen: 65.1699 ppm
RT: 6.051 min Scan# 743
Delta R.T. -0.004 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:110 Resp: 118895

Ion	Ratio	Lower	Upper
110	100		
81	34.8	0.0	59.9
53	33.7	0.0	47.7

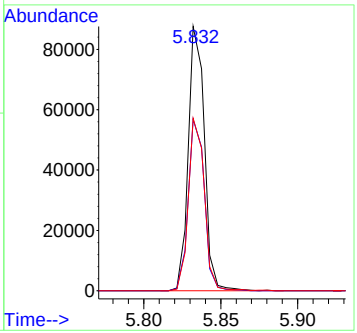


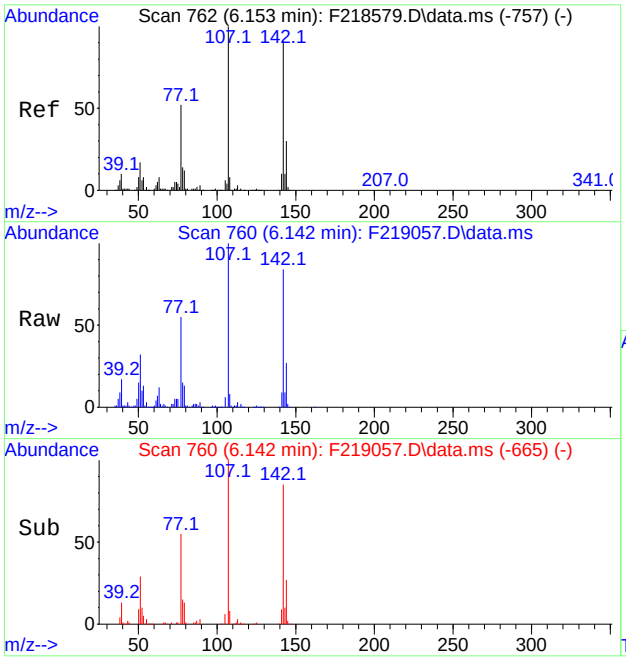


#42
Hexachlorobutadiene
Concen: 45.1963 ppm
RT: 5.832 min Scan# 702
Delta R.T. -0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:225 Resp: 63633

Ion	Ratio	Lower	Upper
225	100		
223	64.9	34.5	94.5
227	65.2	35.8	95.8

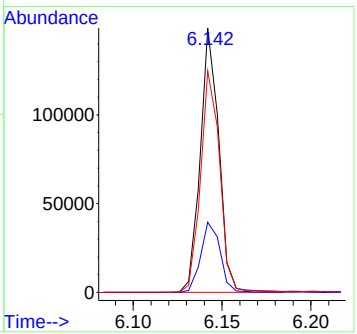


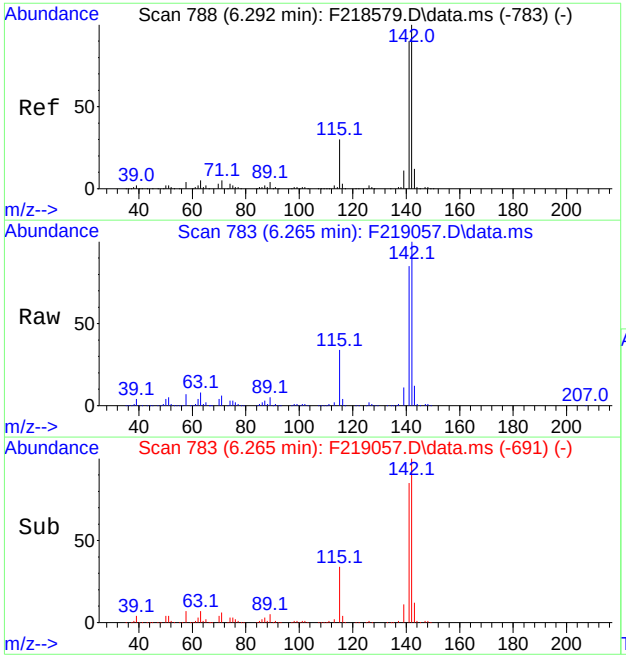


#43
4-Chloro-3-methylphenol
Concen: 55.6478 ppm
RT: 6.142 min Scan# 760
Delta R.T. 0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:107 Resp: 108115

Ion	Ratio	Lower	Upper
107	100		
144	26.5	0.0	59.9
142	83.8	61.5	121.5

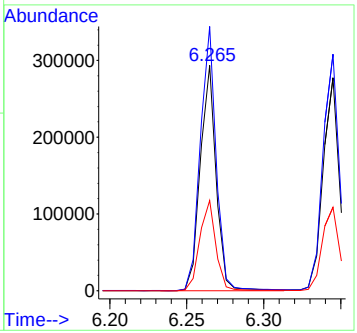


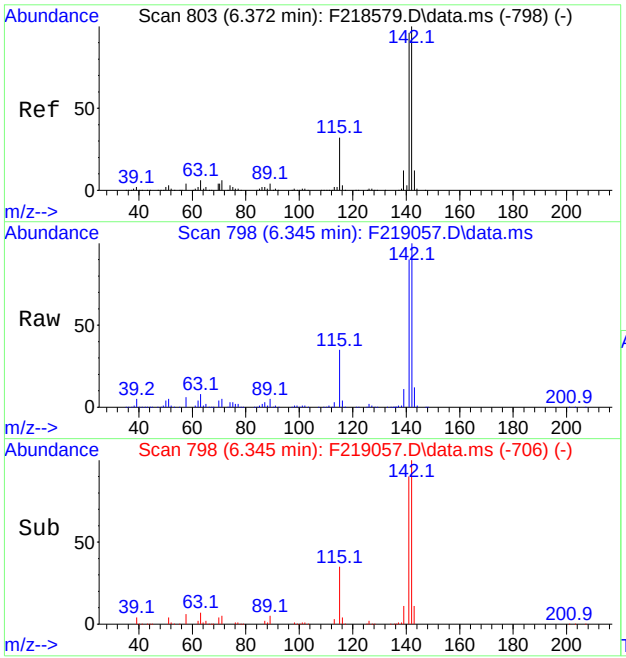


#44
2-Methylnaphthalene
Concen: 45.7920 ppm
RT: 6.265 min Scan# 783
Delta R.T. -0.009 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:141 Resp: 211866

Ion	Ratio	Lower	Upper
141	100		
142	117.1	80.5	140.5
115	40.0	2.8	62.8

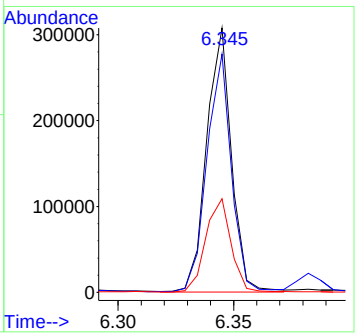


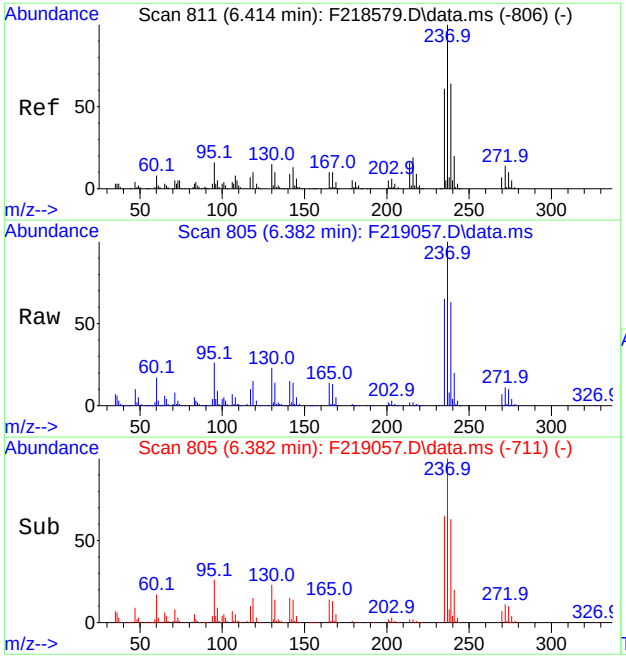


#45
1-Methylnaphthalene
Concen: 47.6857 ppm
RT: 6.345 min Scan# 798
Delta R.T. -0.009 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:142 Resp: 230279

Ion	Ratio	Lower	Upper
142	100		
141	89.9	62.9	122.9
115	35.3	2.4	62.4

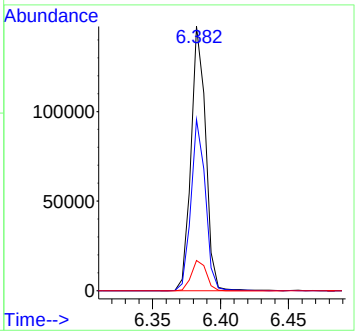


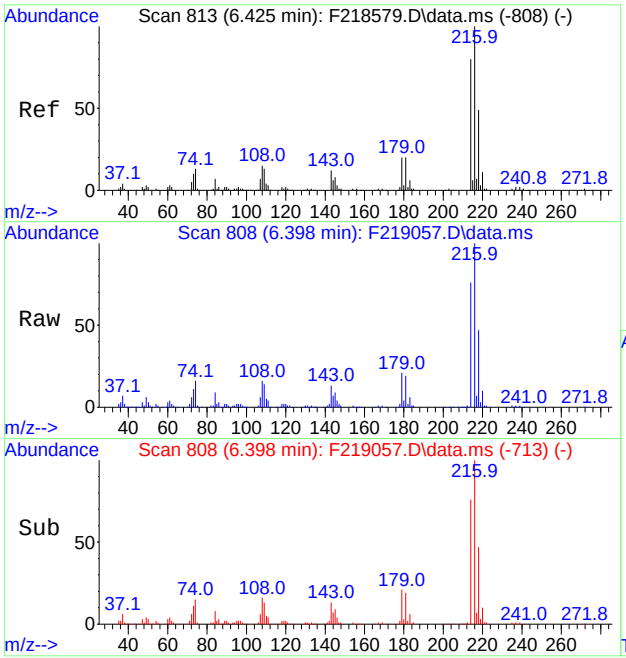


#47
Hexachlorocyclopentadiene
Concen: 96.4762 ppm
RT: 6.382 min Scan# 805
Delta R.T. 0.001 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:237 Resp: 110947

Ion	Ratio	Lower	Upper
237	100		
235	64.8	30.8	90.8
272	11.4	0.0	44.0

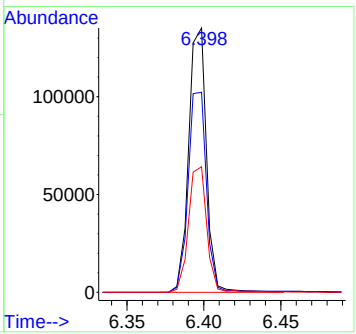


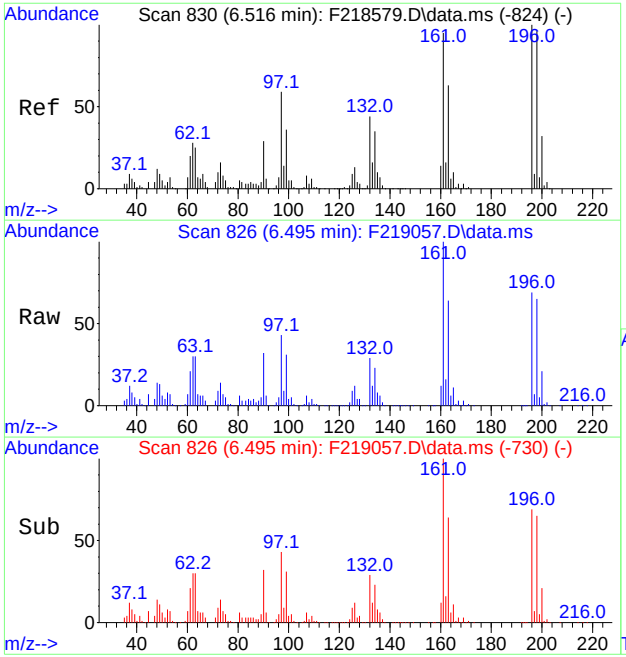


#48
1,2,4,5-tetrachlorobenzene
Concen: 41.5345 ppm
RT: 6.398 min Scan# 808
Delta R.T. 0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:216 Resp: 108928

Ion	Ratio	Lower	Upper
216	100		
214	78.3	55.6	103.2
218	49.5	33.6	62.4

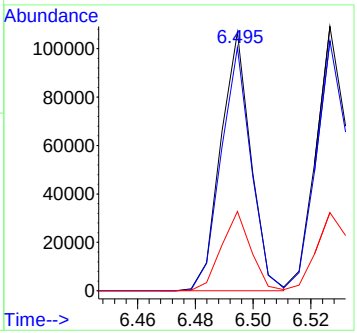


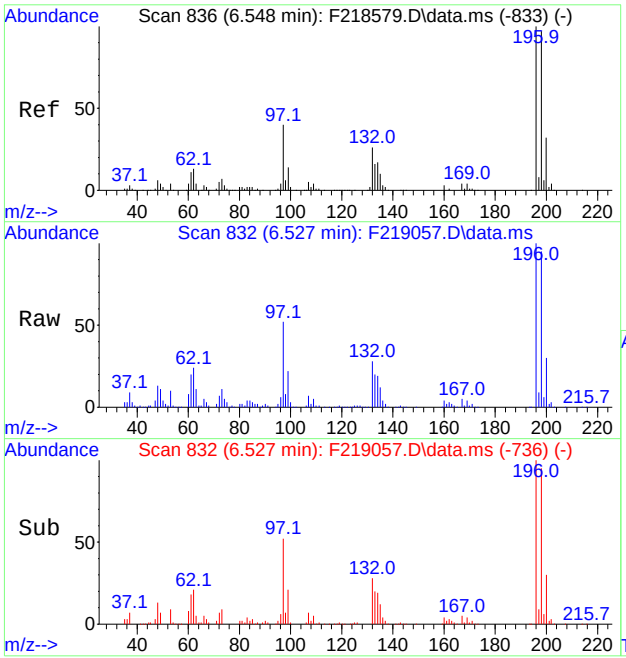


#49
2,4,6-Trichlorophenol
Concen: 50.1099 ppm
RT: 6.495 min Scan# 826
Delta R.T. 0.012 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:196 Resp: 77391

Ion	Ratio	Lower	Upper
196	100		
198	94.1	66.3	126.3
200	30.7	1.8	61.8

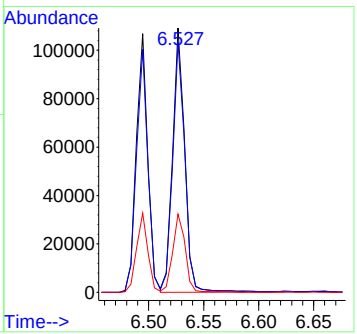


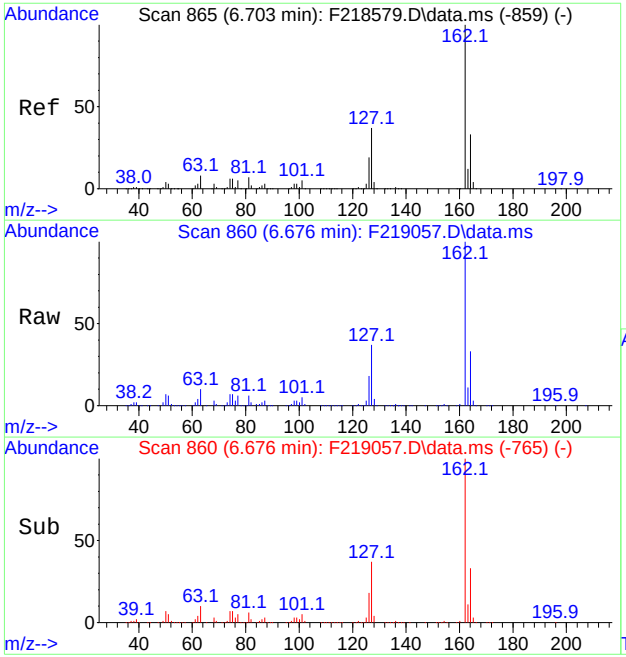


#50
2,4,5-Trichlorophenol
Concen: 48.8209 ppm
RT: 6.527 min Scan# 832
Delta R.T. 0.012 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:196 Resp: 83808

Ion	Ratio	Lower	Upper
196	100		
198	94.5	66.8	126.8
200	29.6	1.7	61.7

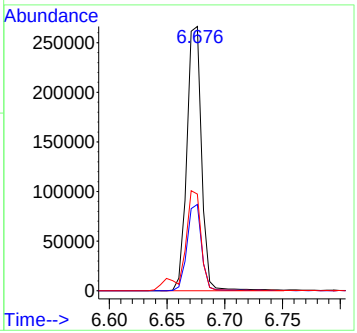


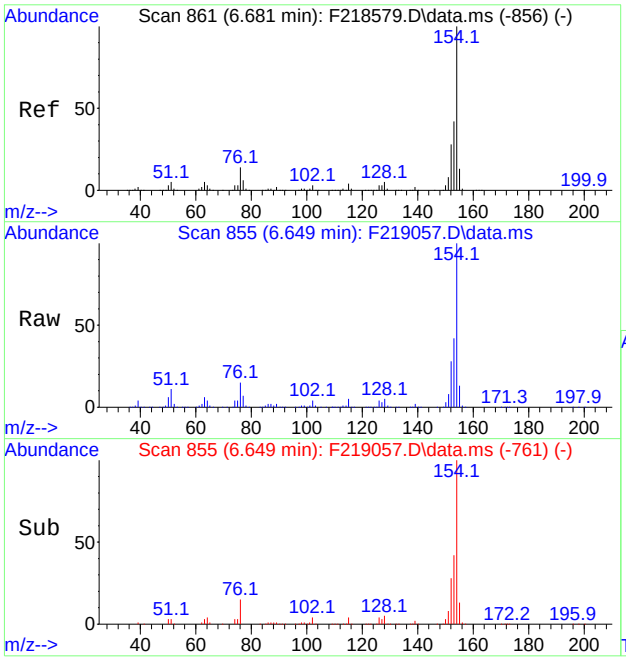


#52
2-Chloronaphthalene
Concen: 45.4436 ppm
RT: 6.676 min Scan# 860
Delta R.T. 0.008 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:162 Resp: 237462

Ion	Ratio	Lower	Upper
162	100		
164	32.6	3.0	63.0
127	35.4	6.9	66.9

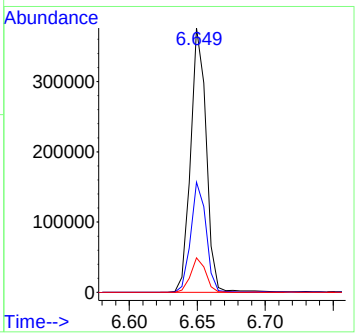


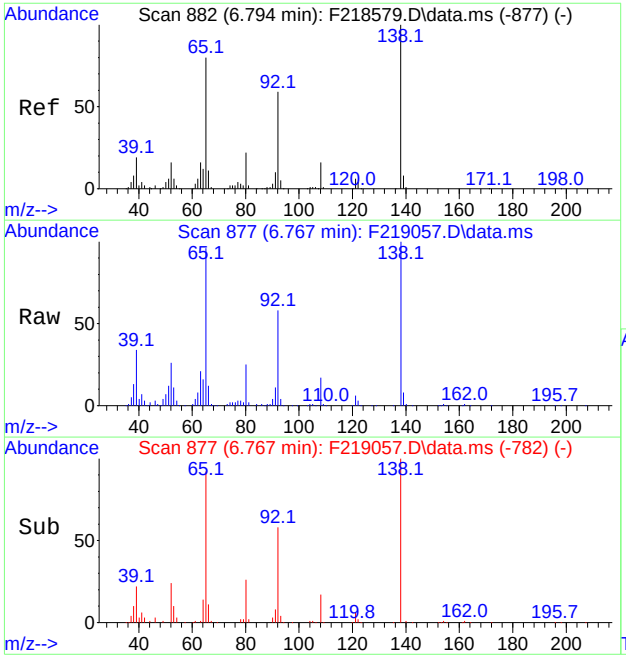


#53
Biphenyl
Concen: 44.6026 ppm
RT: 6.649 min Scan# 855
Delta R.T. 0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:154 Resp: 301947

Ion	Ratio	Lower	Upper
154	100		
153	41.7	12.0	72.0
155	13.1	0.0	42.7

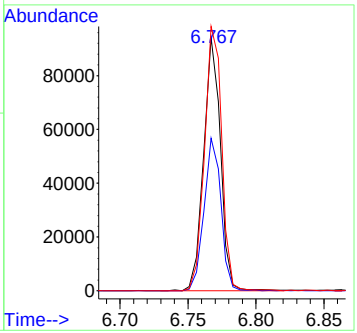


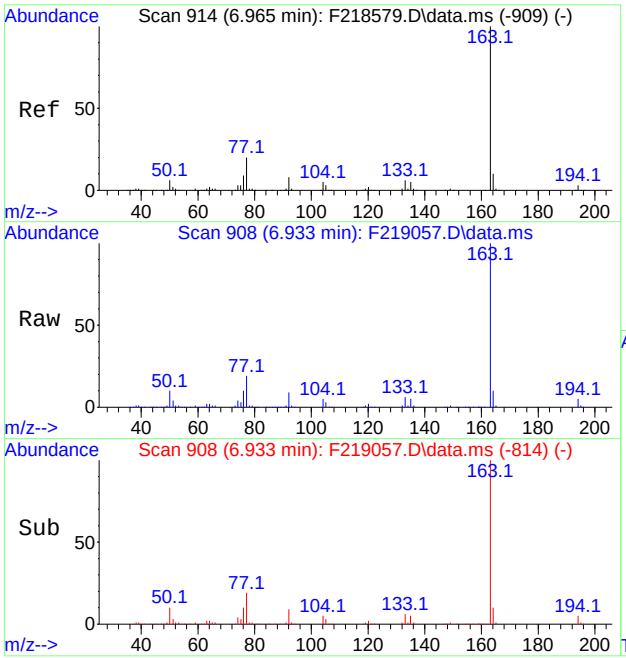


#54
2-Nitroaniline
Concen: 76.5683 ppm
RT: 6.767 min Scan# 877
Delta R.T. 0.008 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 65 Resp: 80744

Ion	Ratio	Lower	Upper
65	100		
92	60.1	43.2	103.2
138	104.5	94.6	154.6

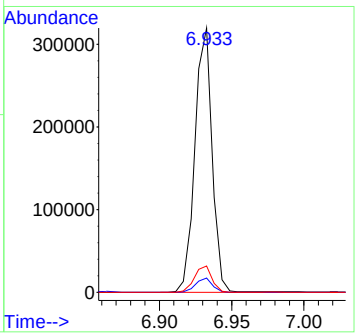


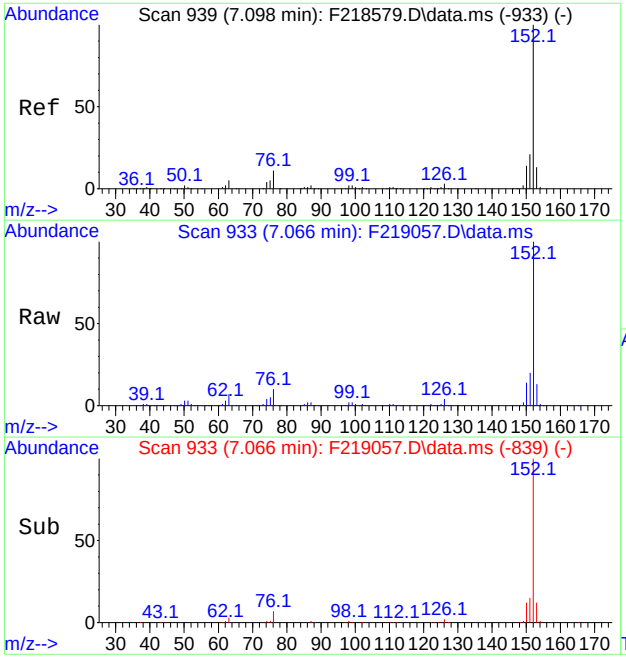


#55
Dimethylphthalate
Concen: 46.6469 ppm
RT: 6.933 min Scan# 908
Delta R.T. 0.004 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:163 Resp: 266275

Ion	Ratio	Lower	Upper
163	100		
194	5.5	0.0	33.2
164	10.0	0.0	40.3

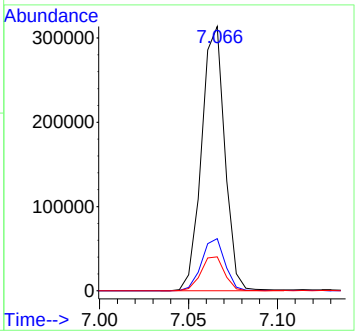


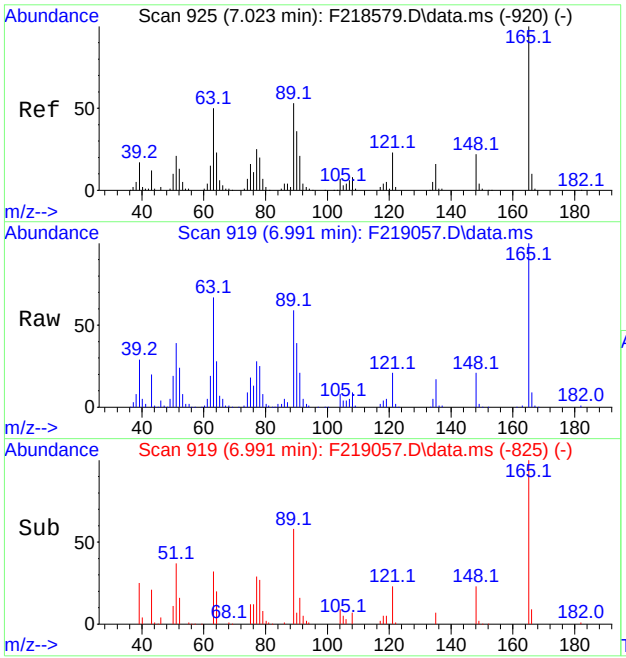


#56
Acenaphthylene
Concen: 44.0140 ppm
RT: 7.066 min Scan# 933
Delta R.T. 0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:152 Resp: 284715

Ion	Ratio	Lower	Upper
152	100		
151	19.7	0.0	50.5
153	12.8	0.0	43.0

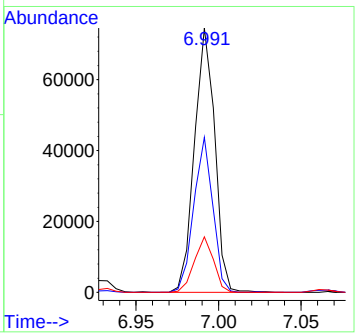


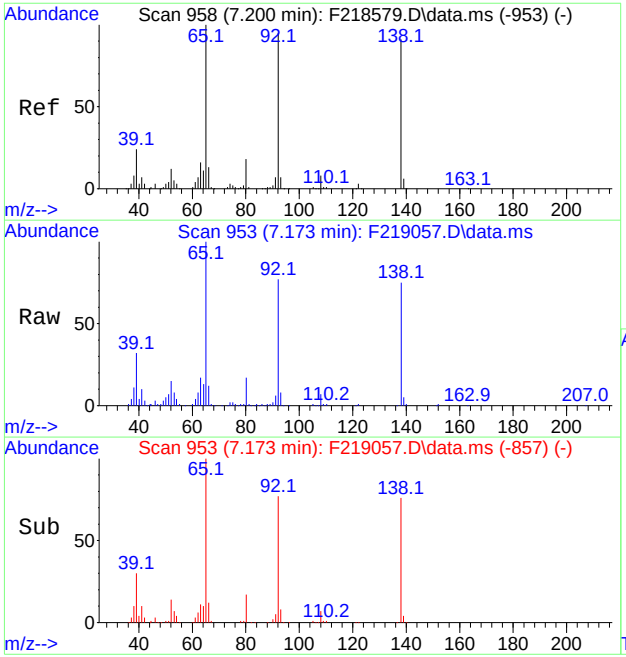


#57
2,6-Dinitrotoluene
Concen: 64.5481 ppm
RT: 6.991 min Scan# 919
Delta R.T. 0.004 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:165 Resp: 64024

Ion	Ratio	Lower	Upper
165	100		
89	58.6	23.2	83.2
121	21.0	0.0	52.8

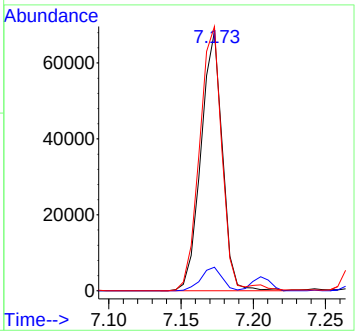


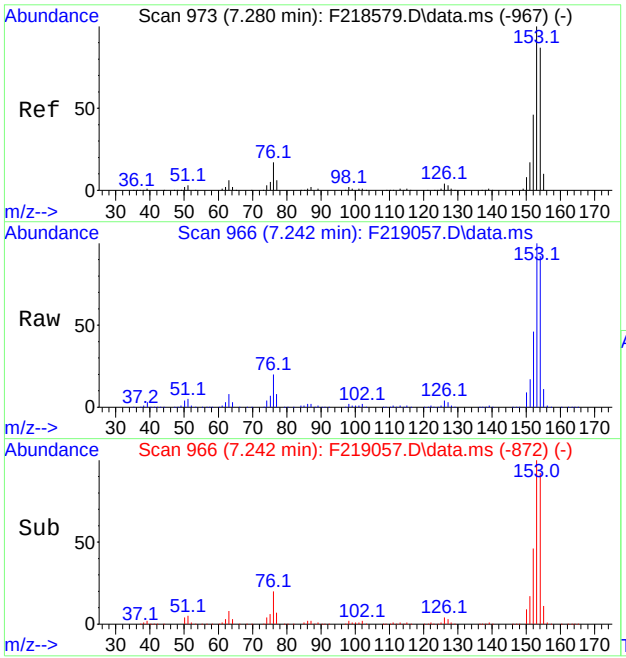


#58
3-Nitroaniline
Concen: 56.2258 ppm
RT: 7.173 min Scan# 953
Delta R.T. 0.011 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:138 Resp: 70011

Ion	Ratio	Lower	Upper
138	100		
108	9.2	0.0	38.0
92	101.8	74.4	134.4

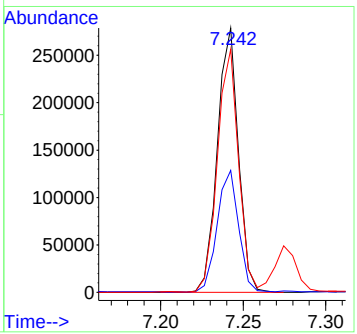


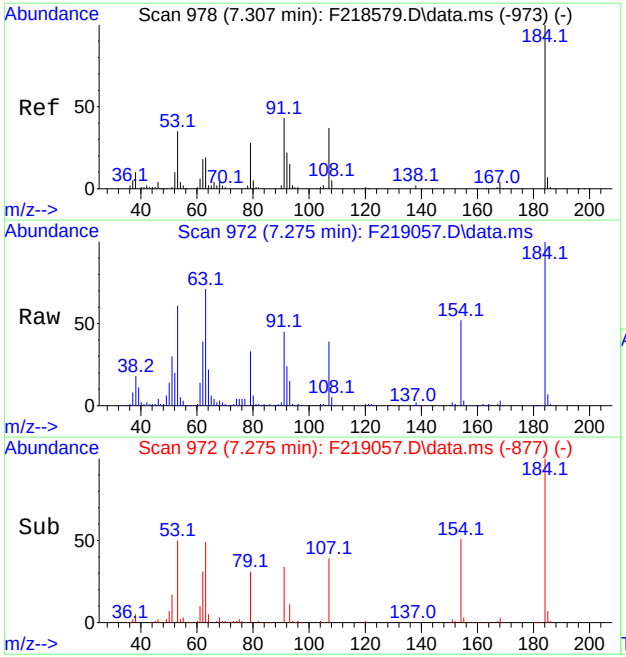


#59
Acenaphthene
Concen: 43.1100 ppm
RT: 7.242 min Scan# 966
Delta R.T. 0.000 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:153 Resp: 247937

Ion	Ratio	Lower	Upper
153	100		
152	45.8	16.3	76.3
154	83.0	57.4	117.4

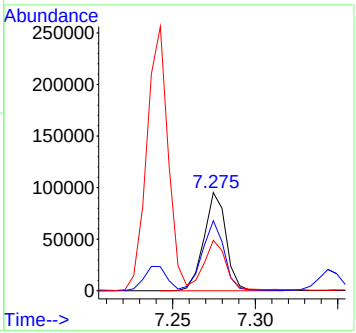


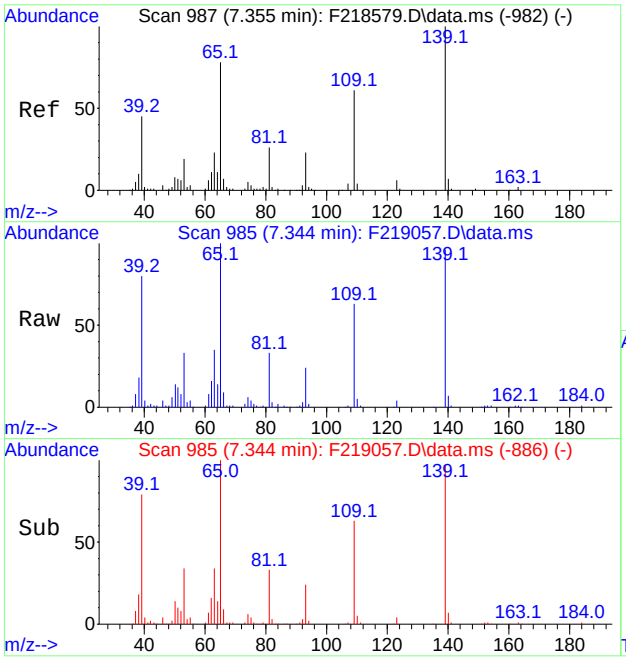


#60
2,4-Dinitrophenol
Concen: 159.2185 ppm
RT: 7.275 min Scan# 972
Delta R.T. 0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:184 Resp: 89856

Ion	Ratio	Lower	Upper
184	100		
63	59.1	0.0	60.0
154	0.0	0.0	30.0

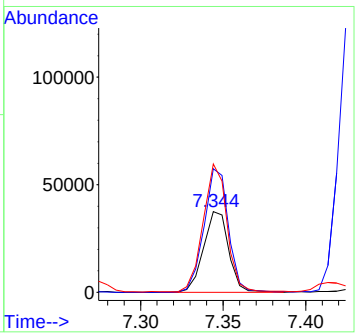


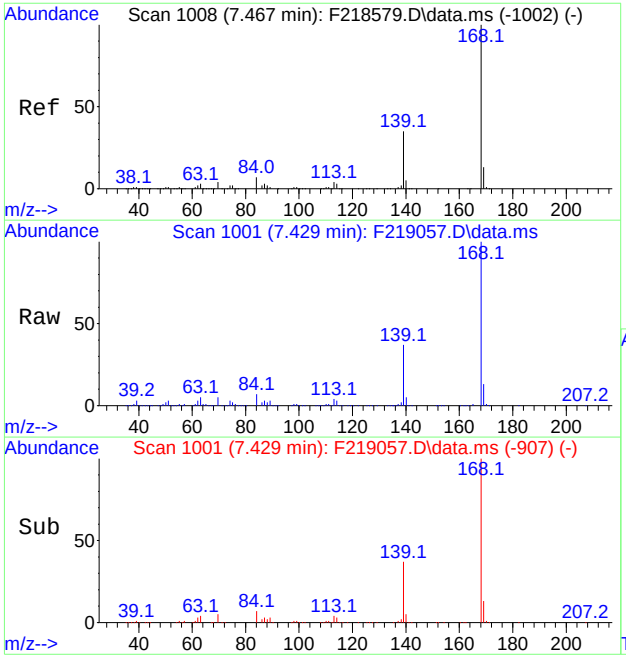


#61
4-Nitrophenol
Concen: 67.8314 ppm
RT: 7.344 min Scan# 985
Delta R.T. 0.027 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:109 Resp: 40087

Ion	Ratio	Lower	Upper
109	100		
139	152.7	134.4	194.4
65	158.1	98.6	158.6

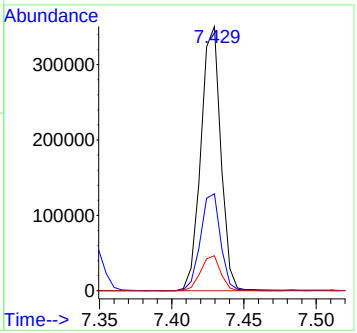


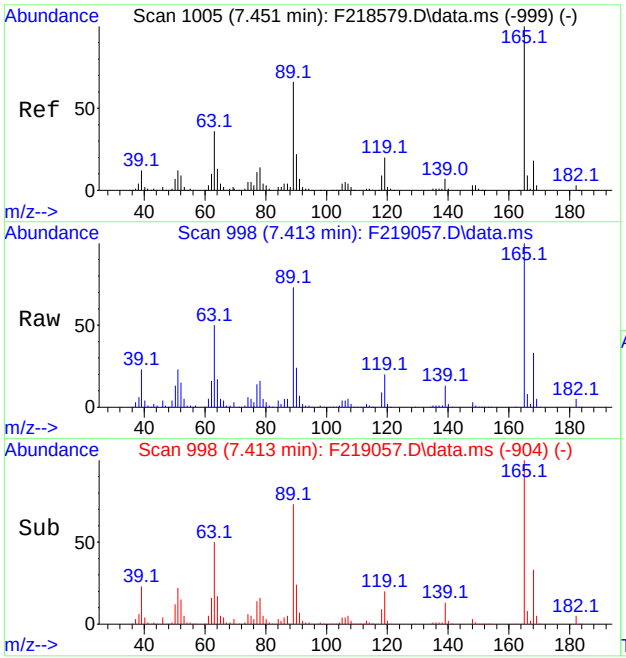


#62
Dibenzofuran
Concen: 45.5656 ppm
RT: 7.429 min Scan# 1001
Delta R.T. 0.001 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:168 Resp: 335315

Ion	Ratio	Lower	Upper
168	100		
139	36.6	5.2	65.2
169	13.3	0.0	43.3

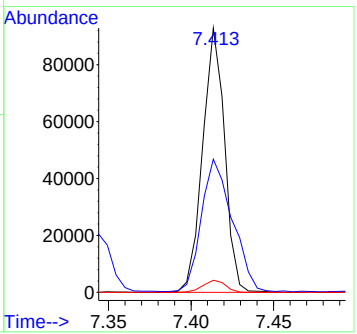




#63
2,4-Dinitrotoluene
Concen: 58.0551 ppm
RT: 7.413 min Scan# 998
Delta R.T. 0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

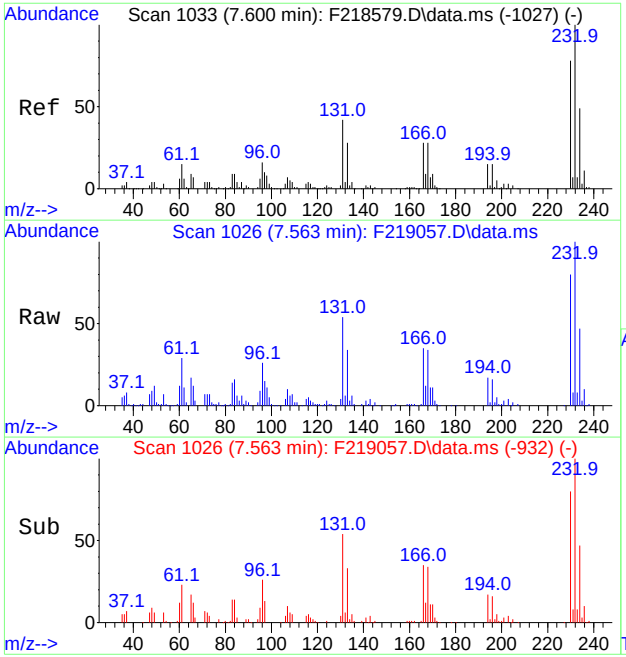
Tgt Ion:165 Resp: 86293

Ion	Ratio	Lower	Upper
165	100		
63	49.9	6.1	66.1
182	4.6	0.0	32.6



7.9.47

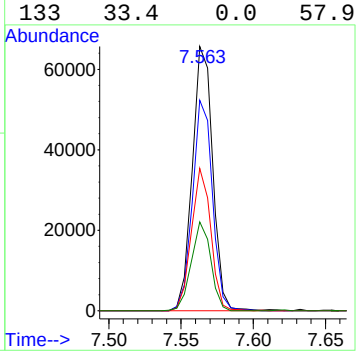
7

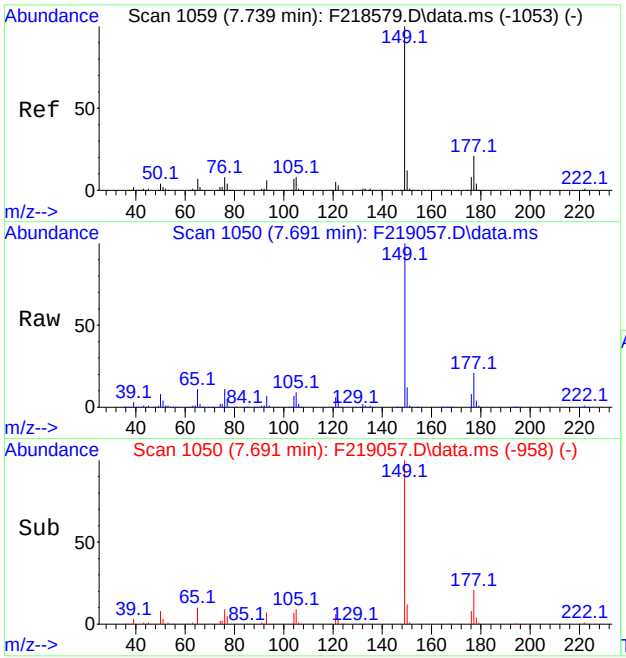


#64
2,3,4,6-Tetrachlorophenol
Concen: 49.8437 ppm
RT: 7.563 min Scan# 1026
Delta R.T. 0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:232 Resp: 64534

Ion	Ratio	Lower	Upper
232	100		
230	79.6	48.4	108.4
131	53.8	11.7	71.7
133	33.4	0.0	57.9

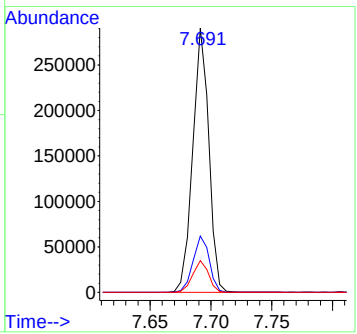


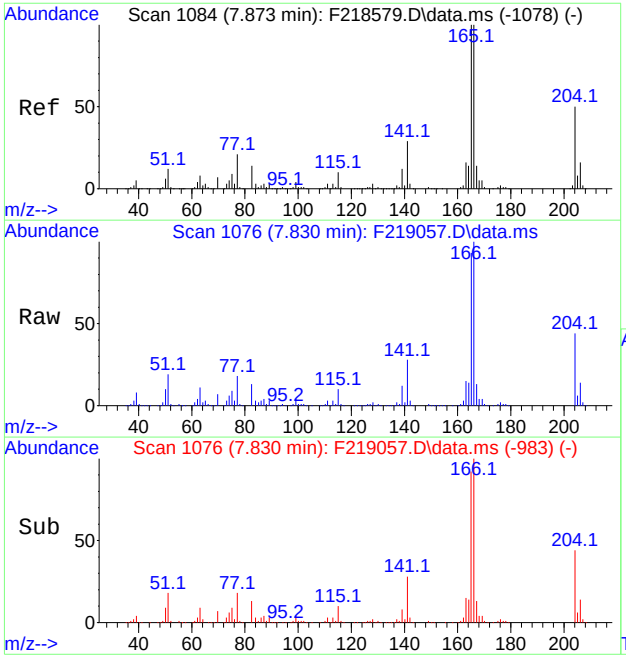


#65
Diethylphthalate
Concen: 47.1464 ppm
RT: 7.691 min Scan# 1050
Delta R.T. -0.008 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:149 Resp: 269140

Ion	Ratio	Lower	Upper
149	100		
177	21.3	0.0	50.6
150	12.0	0.0	42.0

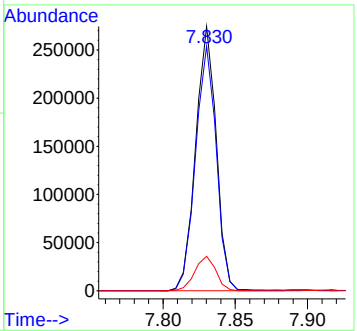


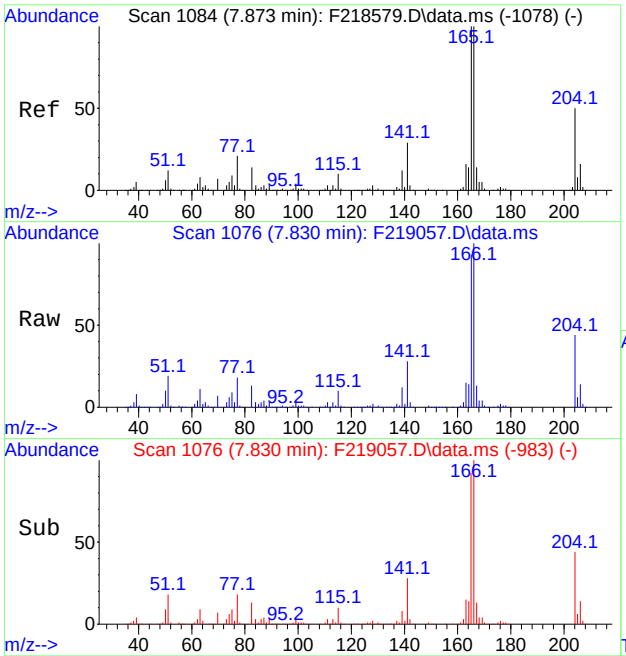


#66
Fluorene
Concen: 46.9420 ppm
RT: 7.830 min Scan# 1076
Delta R.T. -0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:166 Resp: 271329

Ion	Ratio	Lower	Upper
166	100		
165	92.5	69.8	129.8
167	13.1	0.0	43.7

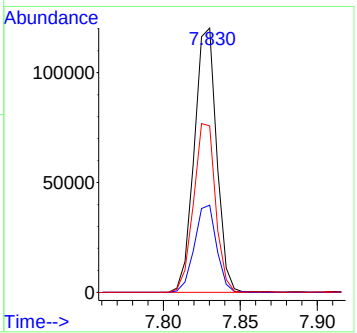


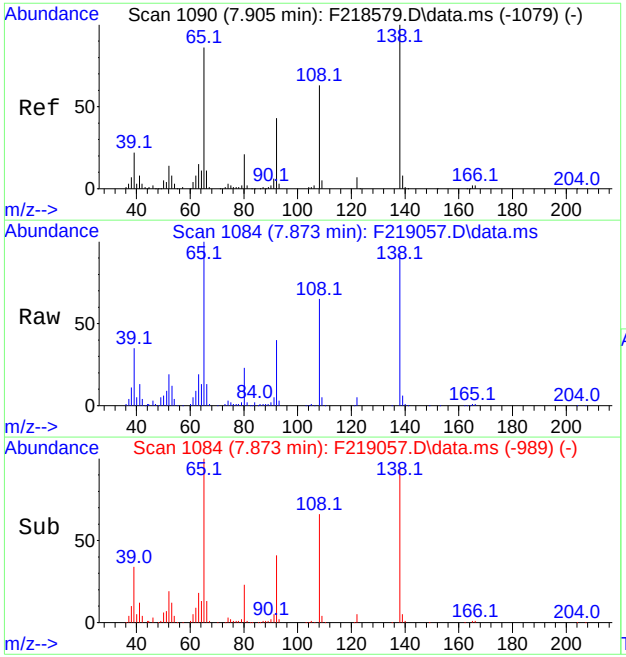


#67
4-Chlorophenyl-phenylether
Concen: 45.1352 ppm
RT: 7.830 min Scan# 1076
Delta R.T. -0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:204 Resp: 122147

Ion	Ratio	Lower	Upper
204	100		
206	33.0	2.1	62.1
141	63.0	26.8	86.8

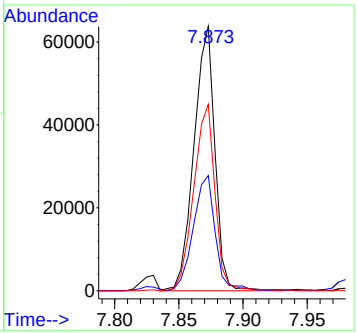


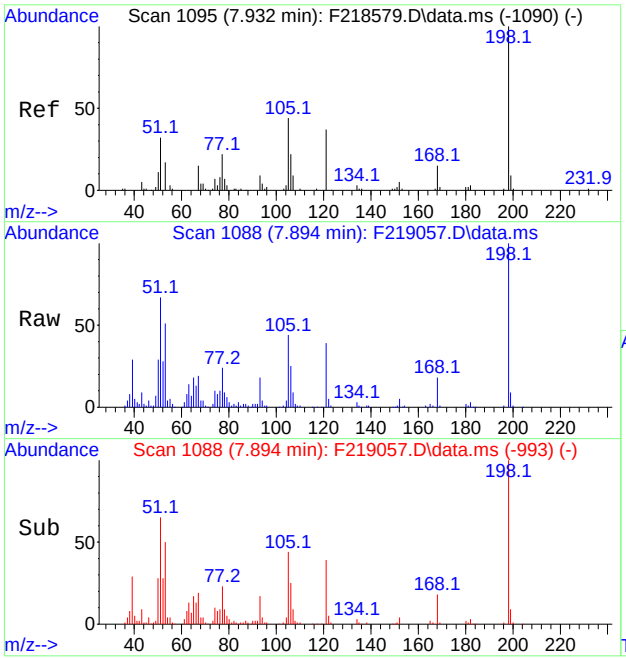


#68
4-Nitroaniline
Concen: 57.1303 ppm
RT: 7.873 min Scan# 1084
Delta R.T. 0.010 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:138 Resp: 72452

Ion	Ratio	Lower	Upper
138	100		
92	43.1	13.3	73.3
108	70.4	32.8	92.8

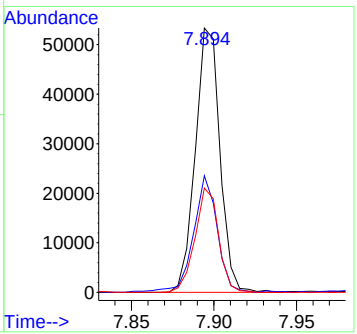


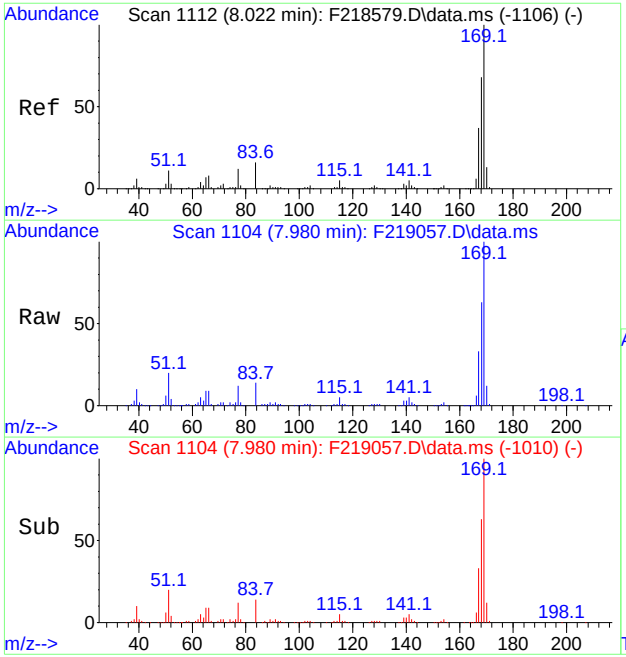


#70
4,6-Dinitro-2-methylphenol
Concen: 84.0753 ppm
RT: 7.894 min Scan# 1088
Delta R.T. 0.009 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:198 Resp: 55410

Ion	Ratio	Lower	Upper
198	100		
105	43.4	14.8	74.8
121	39.5	7.1	67.1

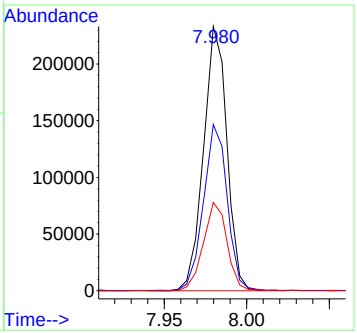


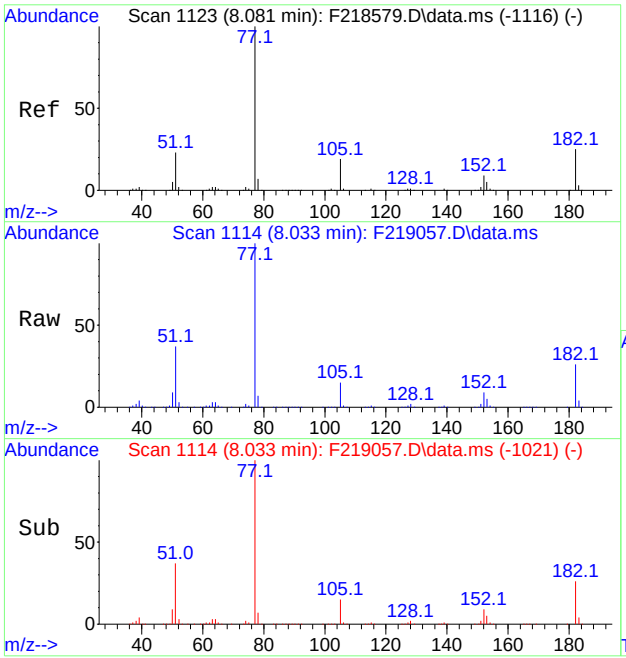


#71
n-Nitrosodiphenylamine
Concen: 52.8714 ppm
RT: 7.980 min Scan# 1104
Delta R.T. 0.004 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:169 Resp: 229951

Ion	Ratio	Lower	Upper
169	100		
168	62.8	37.7	97.7
167	33.3	7.1	67.1

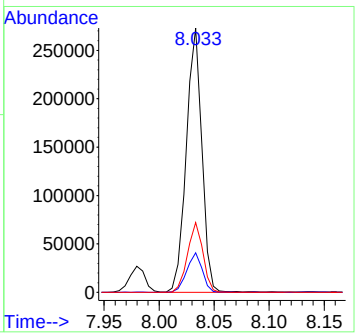


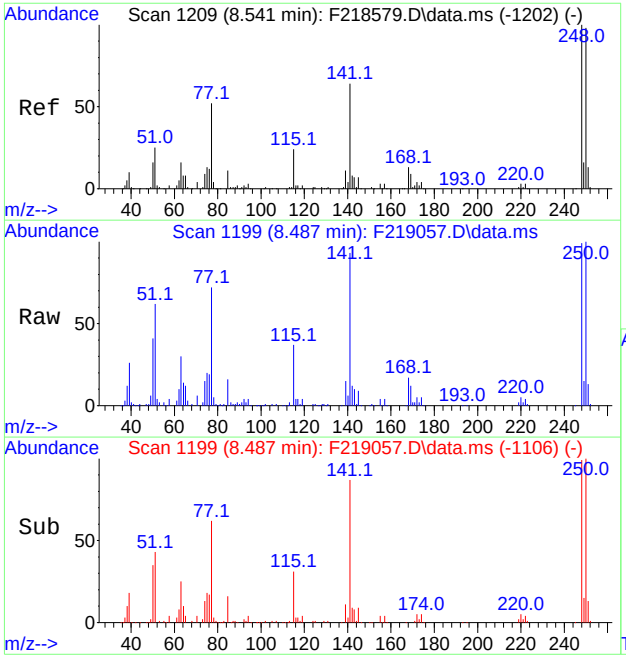


#72
1,2-Diphenylhydrazine
Concen: 55.7664 ppm
RT: 8.033 min Scan# 1114
Delta R.T. -0.001 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 77 Resp: 268867

Ion	Ratio	Lower	Upper
77	100		
105	15.0	0.0	48.6
182	26.4	0.0	54.6

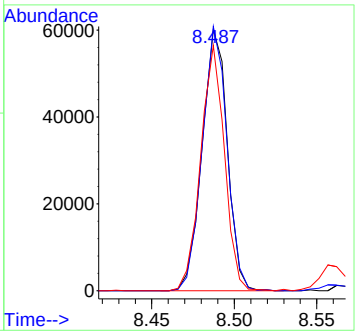


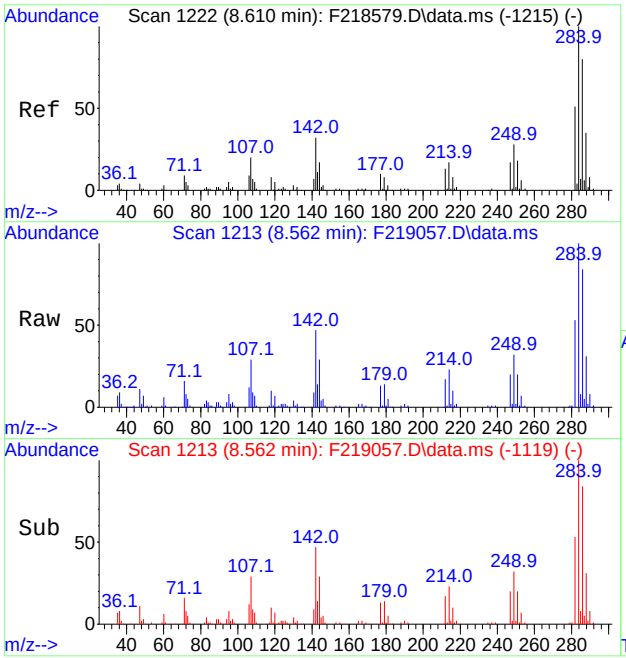


#74
4-Bromophenyl-phenylether
Concen: 41.3806 ppm
RT: 8.487 min Scan# 1199
Delta R.T. -0.004 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:248 Resp: 64109

Ion	Ratio	Lower	Upper
248	100		
250	101.3	68.3	128.3
141	93.6	34.4	94.4

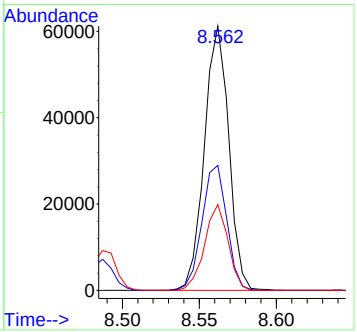


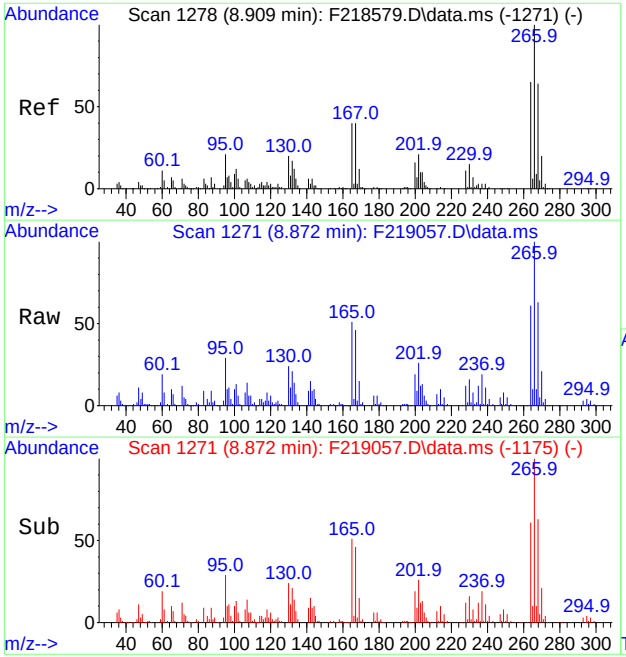


#75
Hexachlorobenzene
Concen: 34.7513 ppm
RT: 8.562 min Scan# 1213
Delta R.T. 0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:284 Resp: 67700

Ion	Ratio	Lower	Upper
284	100		
142	47.3	2.4	62.4
249	32.5	0.0	57.7

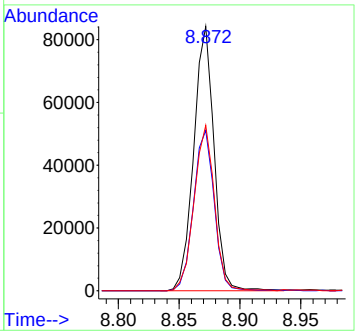


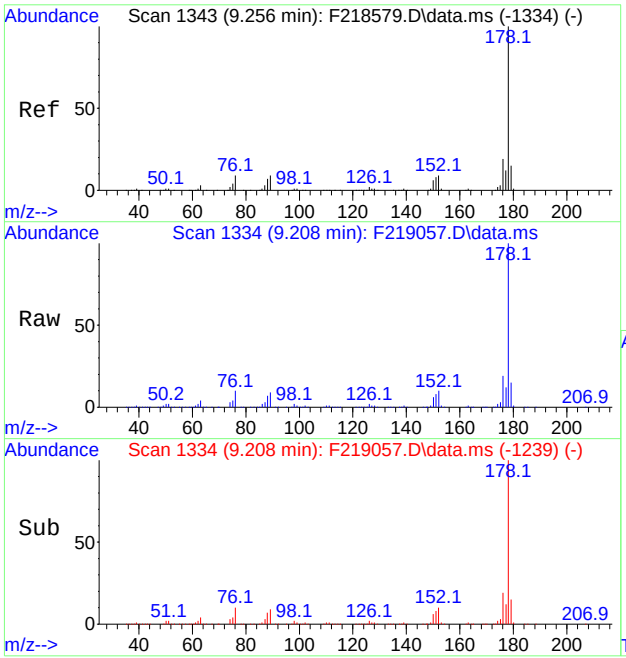


#76
Pentachlorophenol
Concen: 98.9931 ppm
RT: 8.872 min Scan# 1271
Delta R.T. 0.014 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:266 Resp: 98608

Ion	Ratio	Lower	Upper
266	100		
264	60.6	34.7	94.7
268	62.4	33.8	93.8

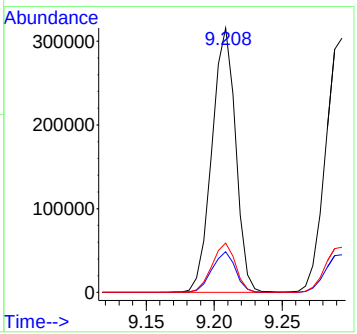


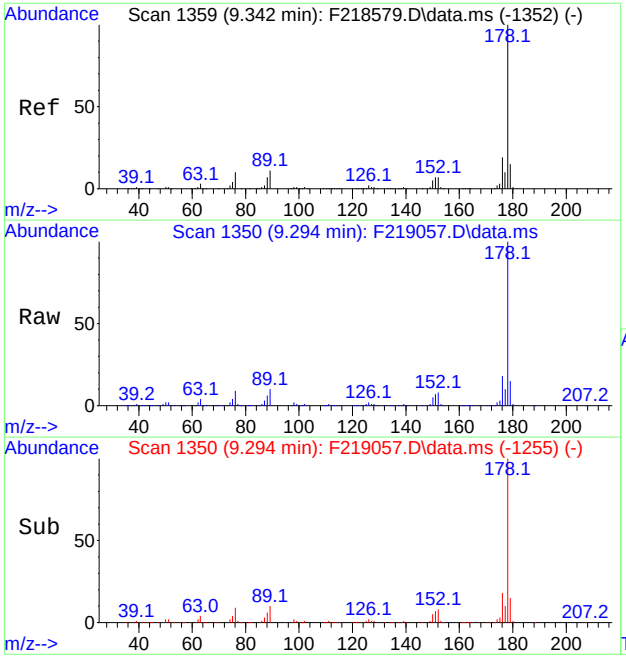


#77
Phenanthrene
Concen: 48.3060 ppm
RT: 9.208 min Scan# 1334
Delta R.T. 0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:178 Resp: 381319

Ion	Ratio	Lower	Upper
178	100		
179	15.4	0.0	45.2
176	18.6	0.0	48.7

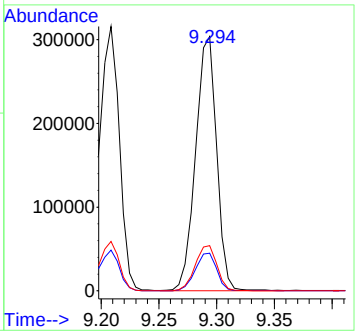


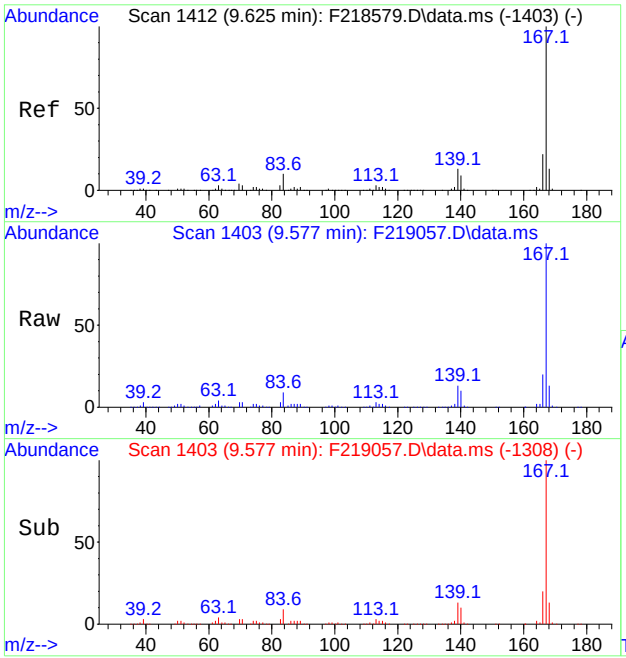


#78
Anthracene
Concen: 49.8198 ppm
RT: 9.294 min Scan# 1350
Delta R.T. 0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:178 Resp: 385247

Ion	Ratio	Lower	Upper
178	100		
179	14.8	0.0	45.2
176	17.7	0.0	48.6

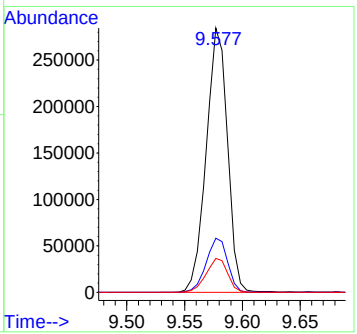


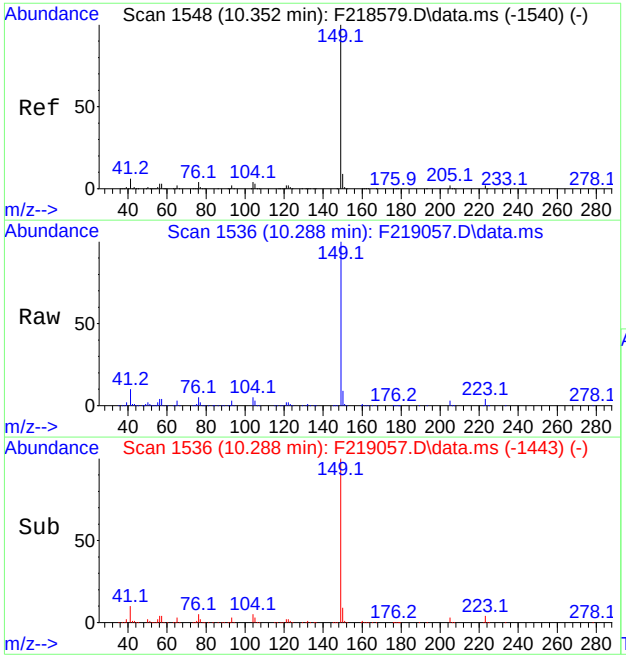


#79
Carbazole
Concen: 51.3422 ppm
RT: 9.577 min Scan# 1403
Delta R.T. 0.008 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:167 Resp: 365361

Ion	Ratio	Lower	Upper
167	100		
166	20.5	0.0	52.1
139	12.8	0.0	42.7

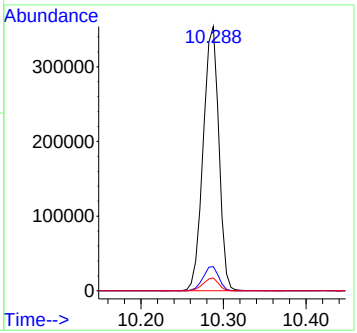


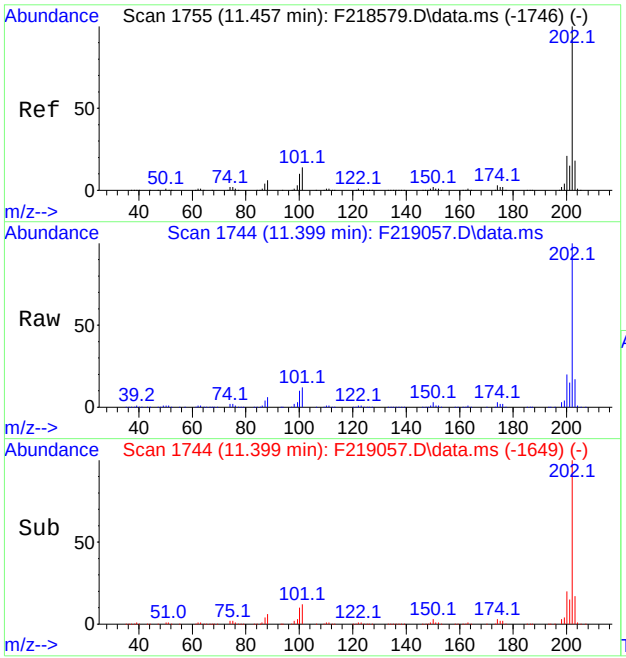


#80
Di-n-butylphthalate
Concen: 53.2916 ppm
RT: 10.288 min Scan# 1536
Delta R.T. -0.004 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:149 Resp: 467483

Ion	Ratio	Lower	Upper
149	100		
150	9.1	0.0	39.1
104	4.9	0.0	34.5

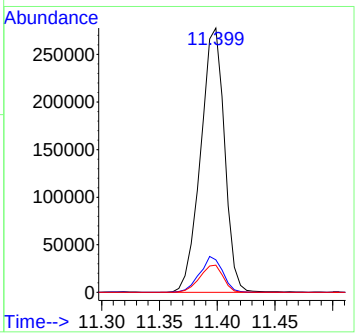


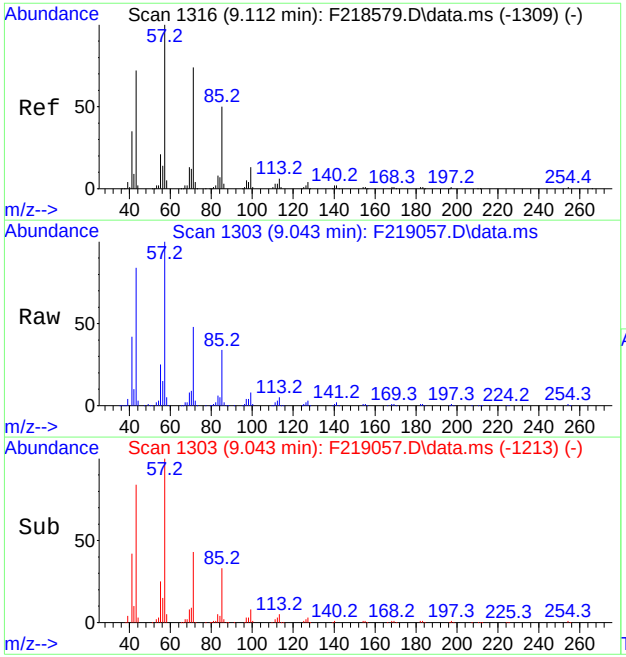


#81
Fluoranthene
Concen: 48.5254 ppm
RT: 11.399 min Scan# 1744
Delta R.T. 0.008 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:202 Resp: 399428

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	43.8
100	10.3	0.0	40.4

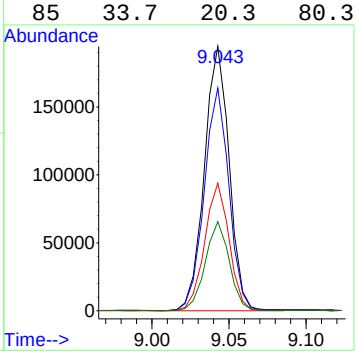


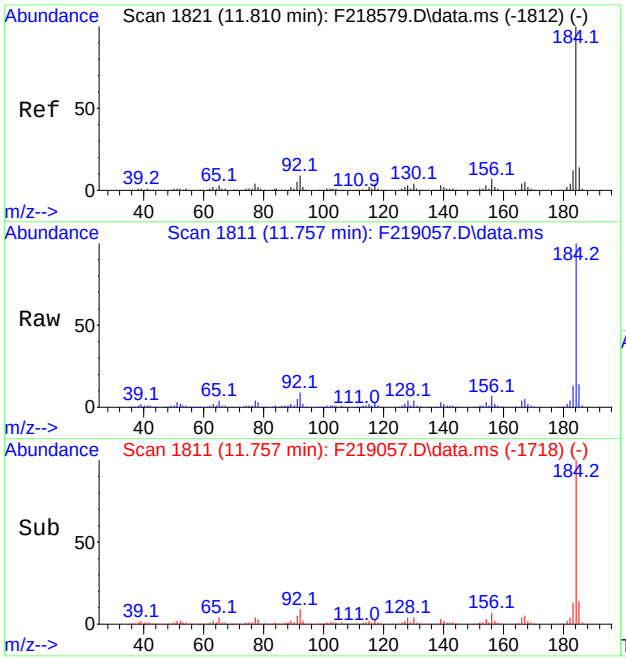


#82
Octadecane
Concen: 83.9240 ppm
RT: 9.043 min Scan# 1303
Delta R.T. -0.017 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion: 57 Resp: 218268

Ion	Ratio	Lower	Upper
57	100		
43	84.1	42.0	102.0
71	48.2	43.7	103.7
85	33.7	20.3	80.3

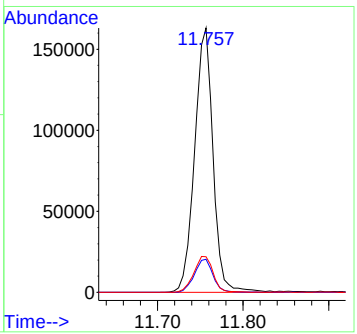


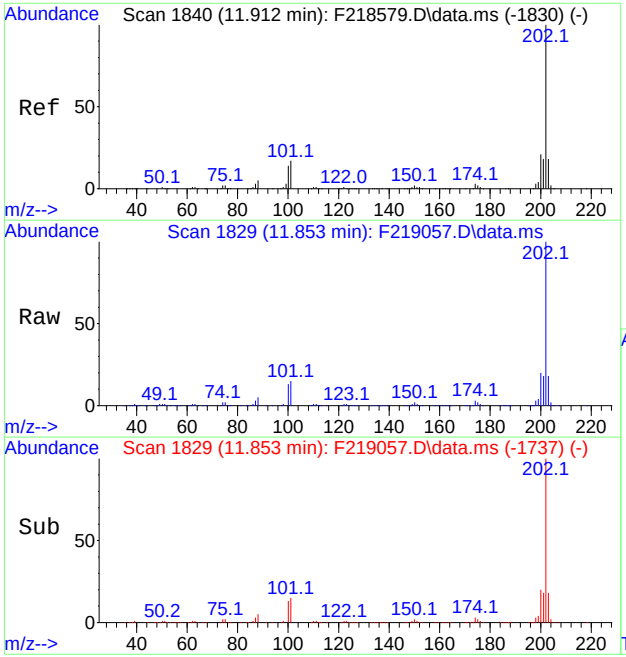


#84
Benzidine
Concen: 59.9038 ppm
RT: 11.757 min Scan# 1811
Delta R.T. -0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:184 Resp: 243717

Ion	Ratio	Lower	Upper
184	100		
183	12.5	0.0	61.9
185	13.5	0.0	63.7

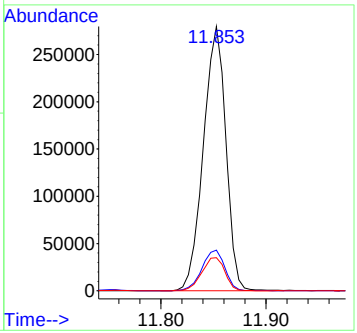


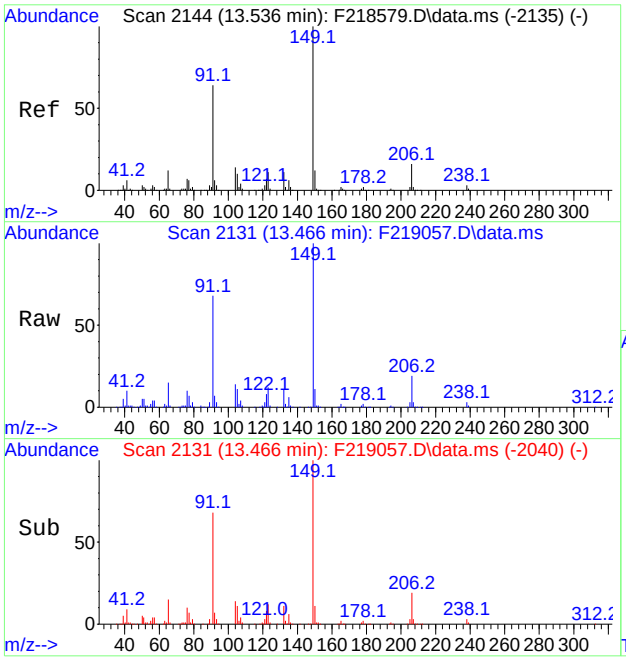


#85
Pyrene
Concen: 54.4925 ppm
RT: 11.853 min Scan# 1829
Delta R.T. -0.011 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:202 Resp: 417575

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	46.8
100	12.5	0.0	44.1

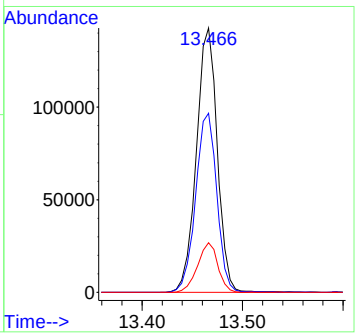


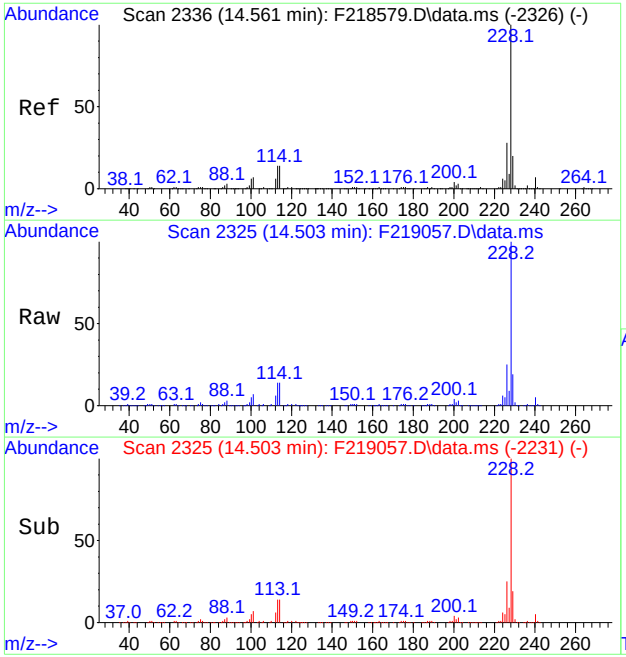


#87
Butylbenzylphthalate
Concen: 69.0806 ppm
RT: 13.466 min Scan# 2131
Delta R.T. -0.015 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:149 Resp: 207120

Ion	Ratio	Lower	Upper
149	100		
91	67.7	34.1	94.1
206	18.6	0.0	46.0

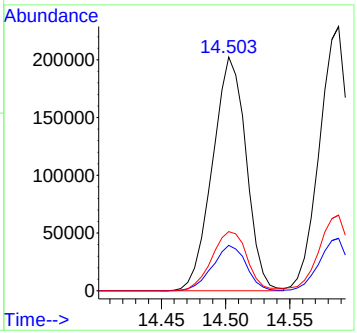


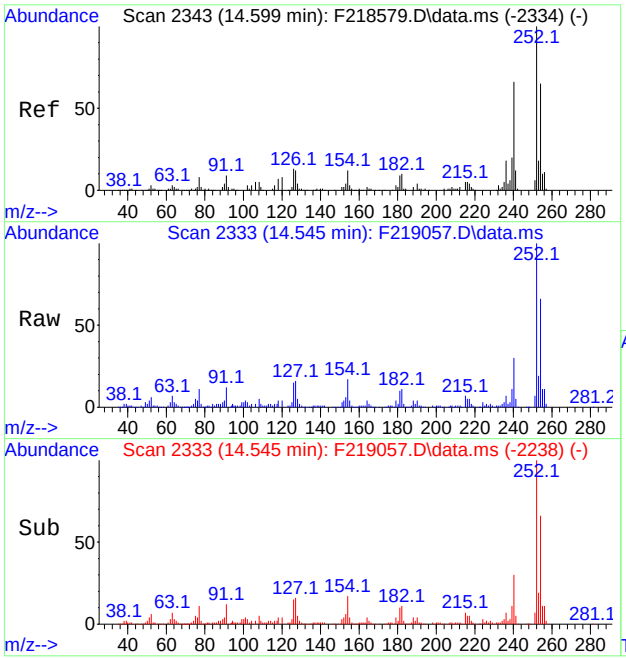


#88
Benzo[a]anthracene
Concen: 50.5231 ppm
RT: 14.503 min Scan# 2325
Delta R.T. -0.000 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:228 Resp: 370023

Ion	Ratio	Lower	Upper
228	100		
229	19.4	0.0	50.4
226	24.9	0.0	57.6

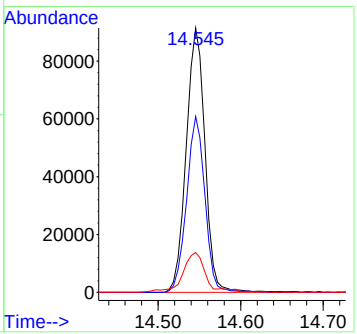


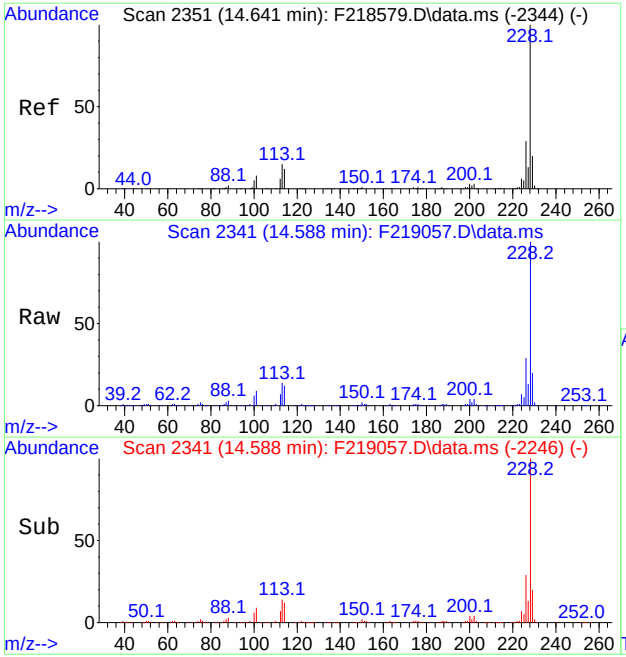


#89
3,3'-Dichlorobenzidine
Concen: 52.8914 ppm
RT: 14.545 min Scan# 2333
Delta R.T. 0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:252 Resp: 144650

Ion	Ratio	Lower	Upper
252	100		
254	66.5	34.6	94.6
126	14.6	0.0	43.3

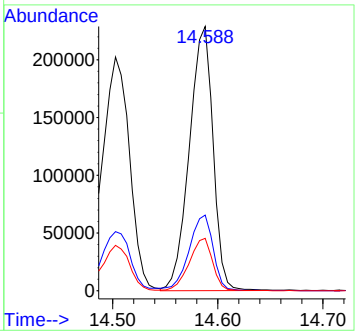


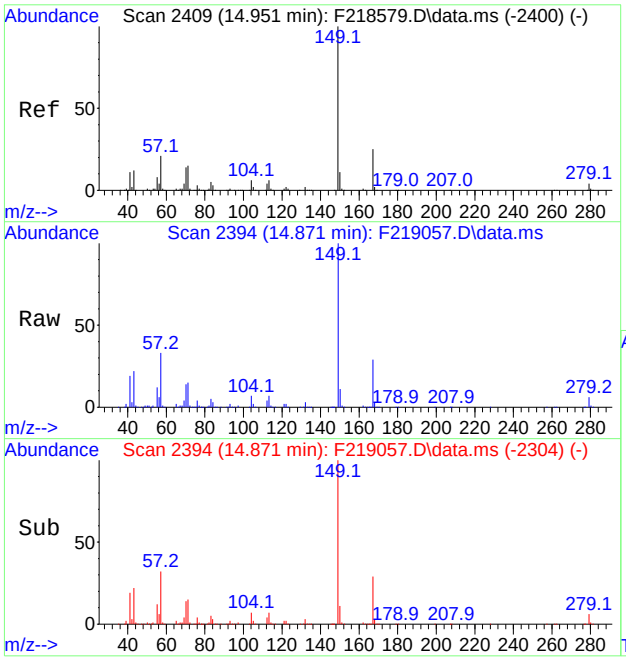


#90
Chrysene
Concen: 49.6111 ppm
RT: 14.588 min Scan# 2341
Delta R.T. 0.006 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:228 Resp: 359644

Ion	Ratio	Lower	Upper
228	100		
226	28.2	0.0	58.8
229	19.8	0.0	49.7

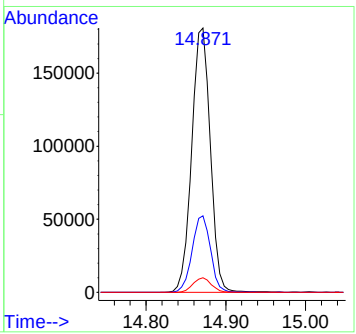


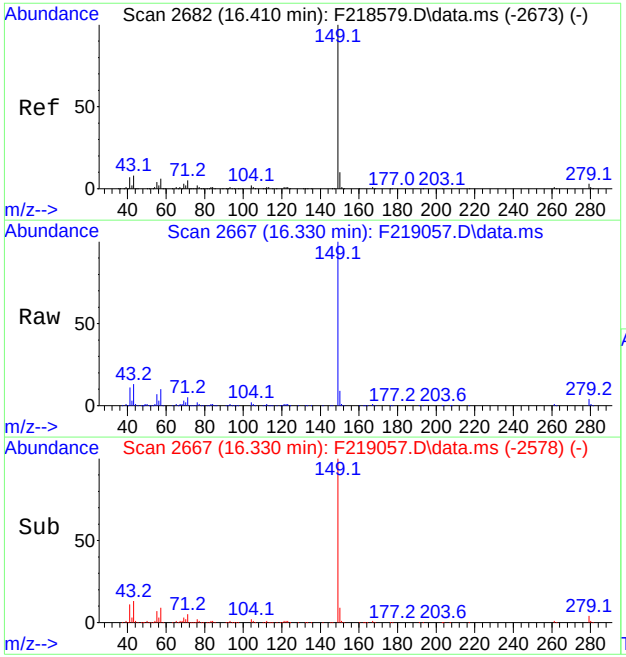


#91
bis(2-Ethylhexyl)phthalate
Concen: 64.9373 ppm
RT: 14.871 min Scan# 2394
Delta R.T. -0.020 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:149 Resp: 293704

Ion	Ratio	Lower	Upper
149	100		
167	28.9	0.0	55.1
279	5.5	0.0	33.8

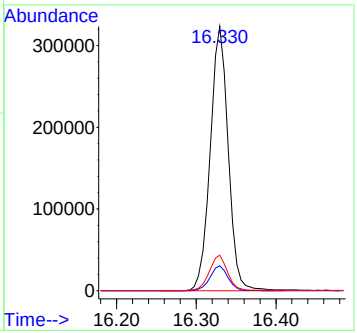


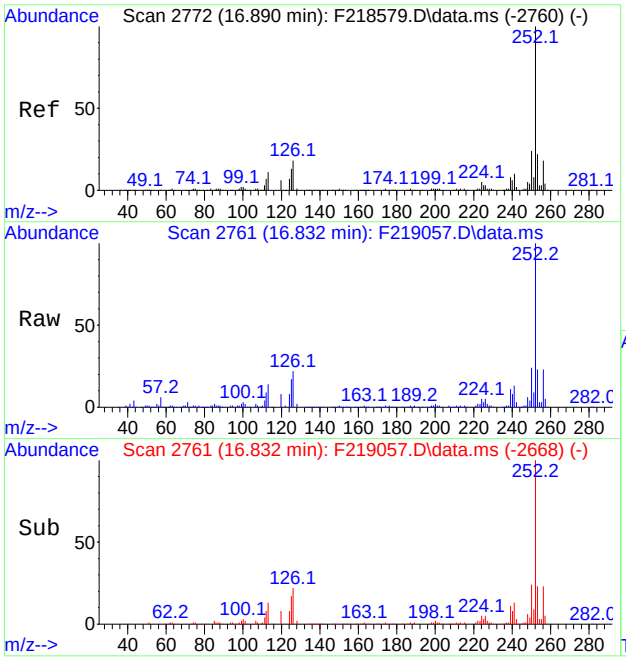


#93
Di-n-octylphthalate
Concen: 66.7168 ppm
RT: 16.330 min Scan# 2667
Delta R.T. -0.025 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:149 Resp: 506906

Ion	Ratio	Lower	Upper
149	100		
150	9.4	0.0	39.5
43	13.4	0.0	37.6

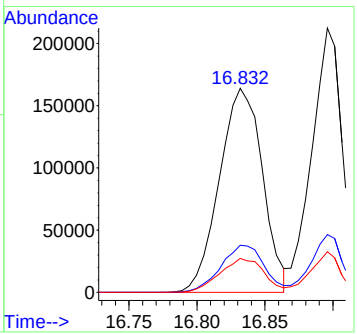


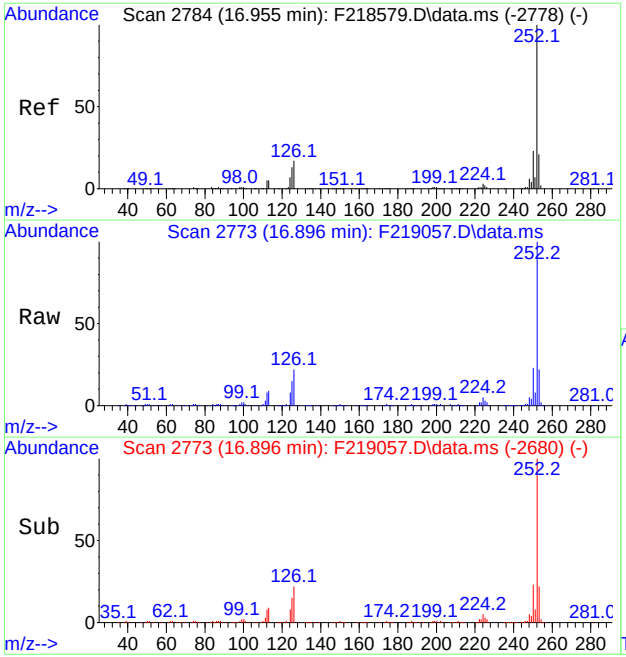


#94
Benzo[b]fluoranthene
Concen: 54.2739 ppm
RT: 16.832 min Scan# 2761
Delta R.T. -0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:252 Resp: 362384

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	51.6
125	16.6	0.0	43.1

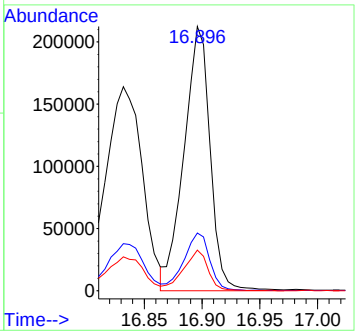


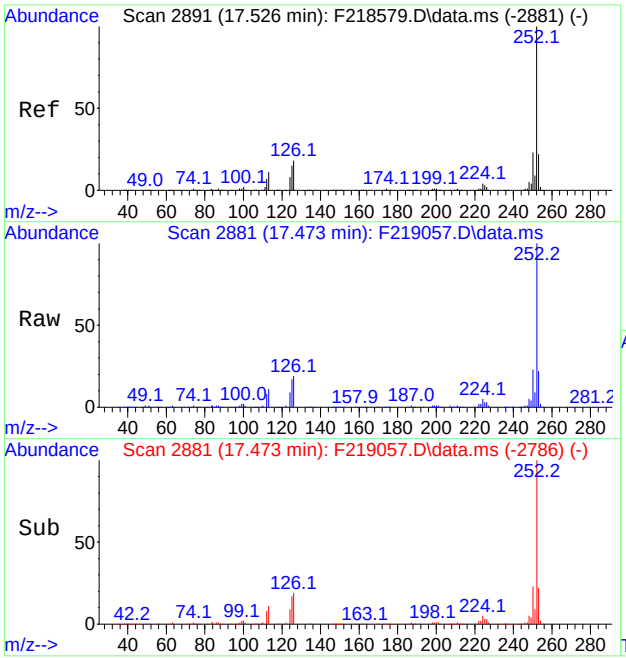


#95
Benzo[k]fluoranthene
Concen: 51.9607 ppm
RT: 16.896 min Scan# 2773
Delta R.T. -0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:252 Resp: 334700

Ion	Ratio	Lower	Upper
252	100		
253	21.5	0.0	51.4
125	15.2	0.0	43.5

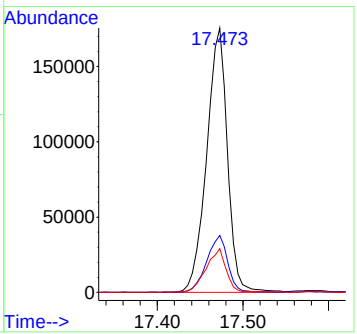


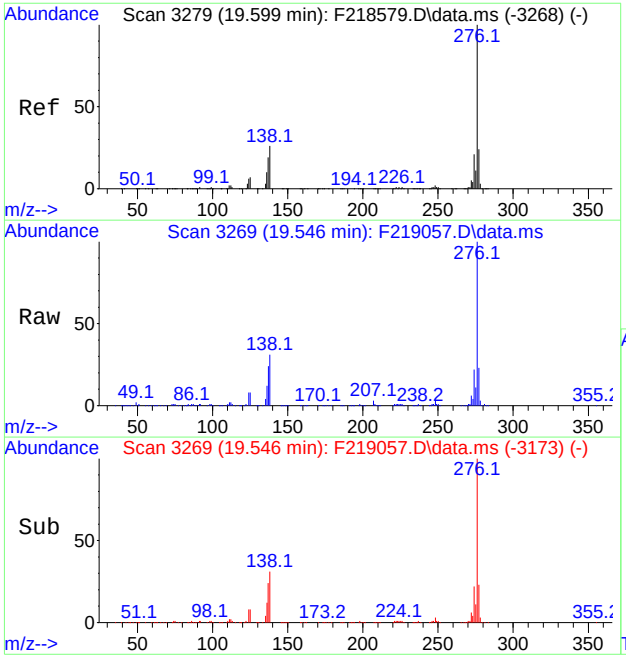


#96
Benzo[a]pyrene
Concen: 54.9253 ppm
RT: 17.473 min Scan# 2881
Delta R.T. 0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:252 Resp: 296556

Ion	Ratio	Lower	Upper
252	100		
253	21.5	0.0	51.8
125	16.5	0.0	45.1

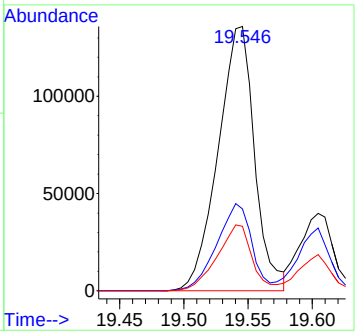


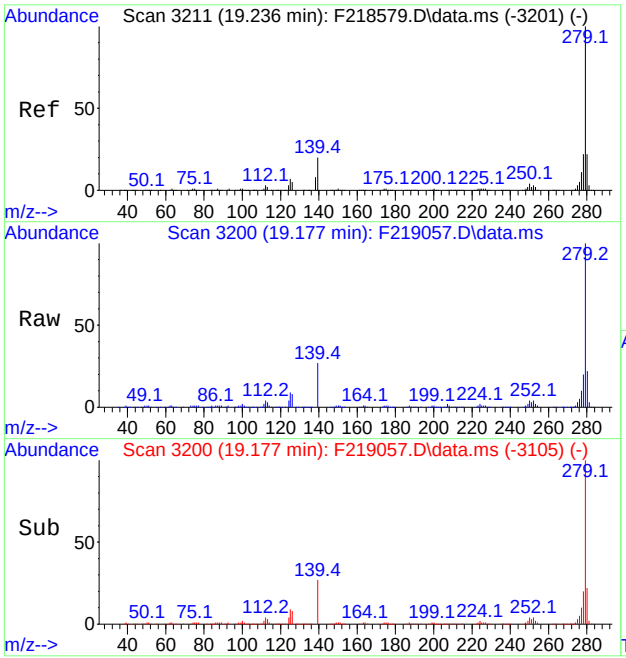


#97
Indeno[1,2,3-cd]pyrene
Concen: 48.1204 ppm
RT: 19.546 min Scan# 3269
Delta R.T. 0.012 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:276 Resp: 269491

Ion	Ratio	Lower	Upper
276	100		
138	29.6	0.0	55.9
137	23.8	0.0	49.3

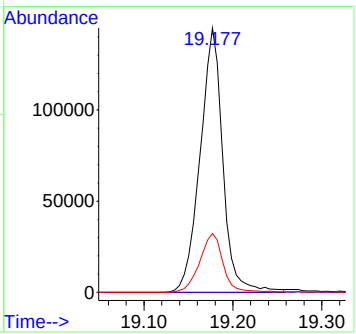


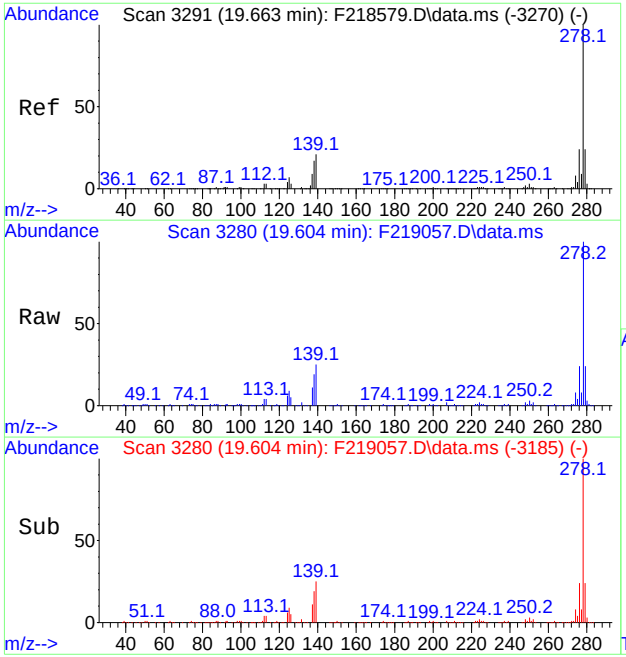


#98
Dibenz(a,h)acridine
Concen: 49.5183 ppm
RT: 19.177 min Scan# 3200
Delta R.T. 0.005 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:279 Resp: 256946

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.2	0.0	52.5

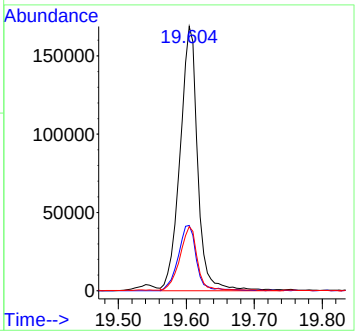


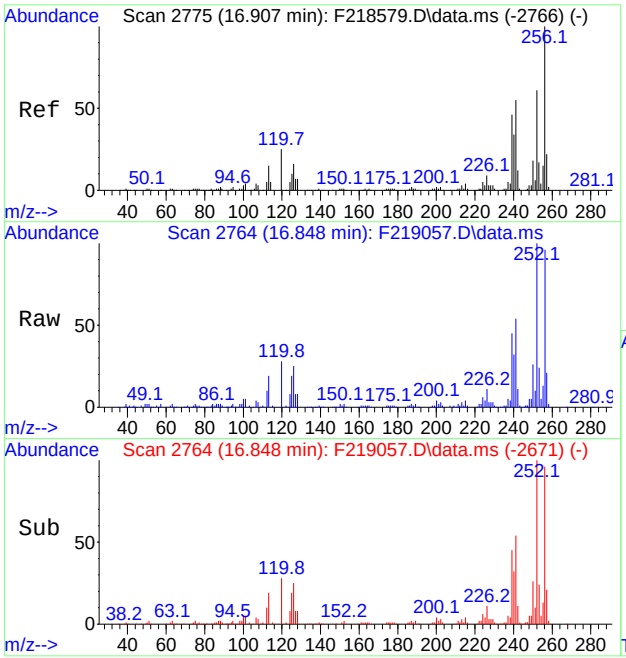


#99
Dibenz[a,h]anthracene
Concen: 48.4496 ppm
RT: 19.604 min Scan# 3280
Delta R.T. 0.007 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:278 Resp: 307017

Ion	Ratio	Lower	Upper
278	100		
139	24.8	0.0	50.7
279	24.2	0.0	53.9

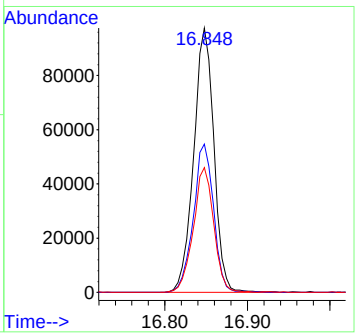


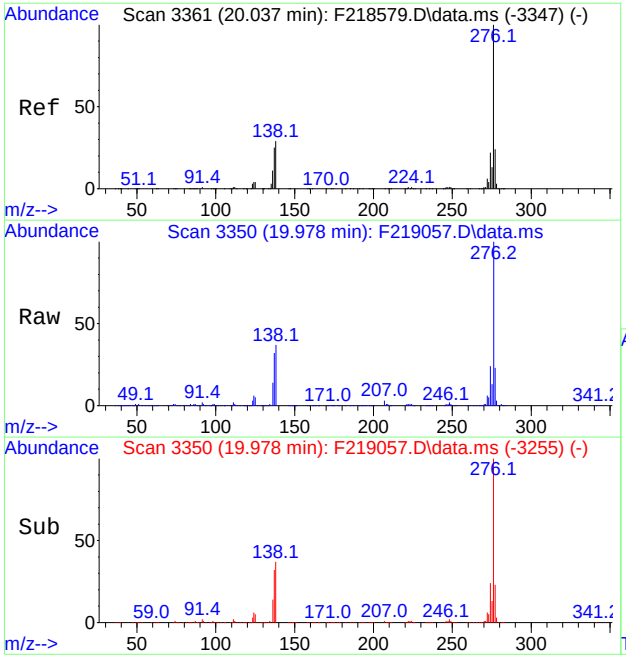


#100
7,12-Dimethylbenz(a)anthracene
Concen: 66.8725 ppm
RT: 16.848 min Scan# 2764
Delta R.T. -0.002 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:256 Resp: 165881

Ion	Ratio	Lower	Upper
256	100		
241	56.1	24.8	84.8
239	47.0	16.4	76.4

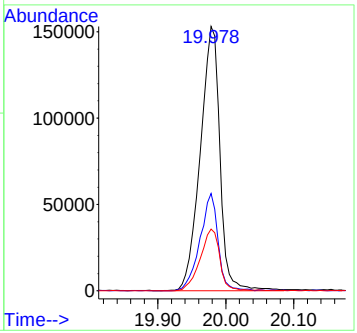




#101
Benzo[g,h,i]perylene
Concen: 46.6674 ppm
RT: 19.978 min Scan# 3350
Delta R.T. 0.008 min
Lab File: F219057.D
Acq: 20 Feb 2024 9:26 am

Tgt Ion:276 Resp: 307801

Ion	Ratio	Lower	Upper
276	100		
138	36.8	0.0	58.6
277	23.3	0.0	53.9



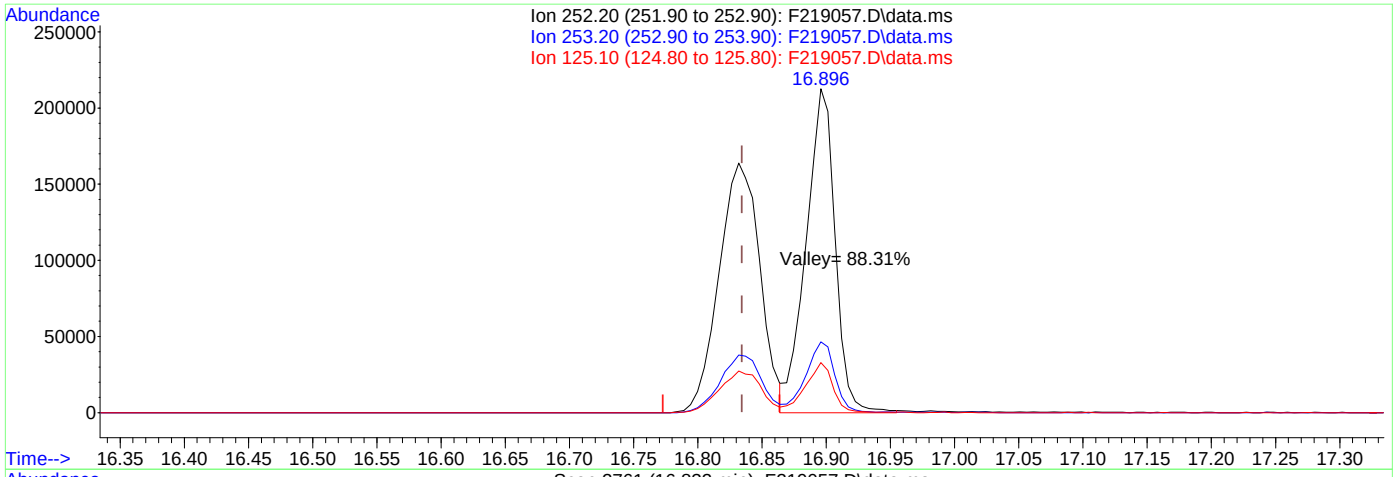
7.9.47

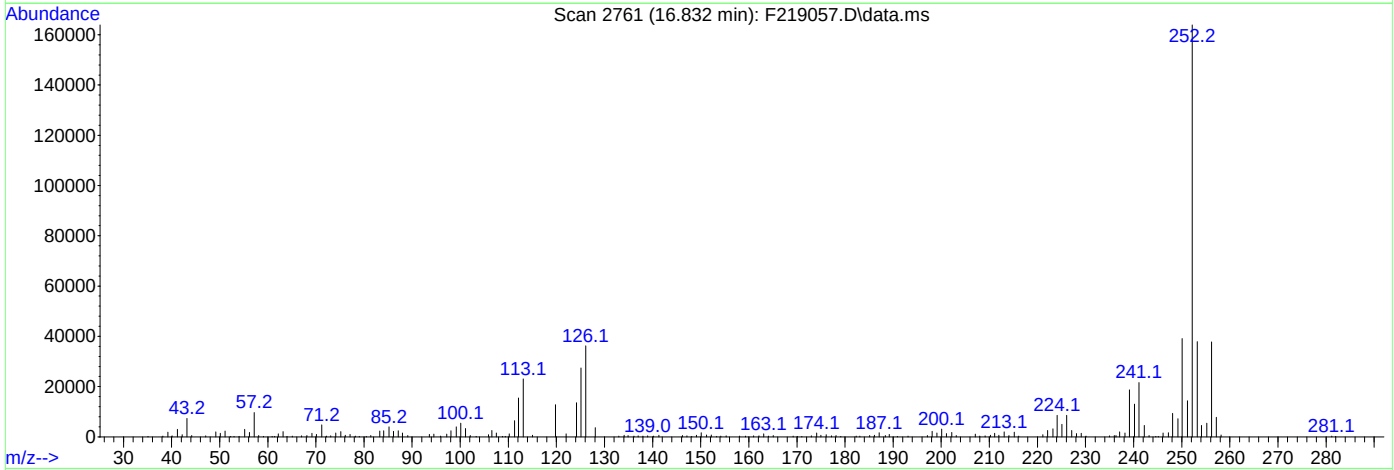
7

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219057.D
Acq On : 20 Feb 2024 9:26 am
Operator : karimam
Sample : cc9690-50 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 20 17:41:15 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:41:02 2024
Response via : Initial Calibration





TIC: F219057.D\data.ms

(94) Benzo[b]fluoranthene (t)

16.832min (-0.002) 54.27ppm

response 362384

Ion	Exp%	Act%
252.20	100	100
253.20	21.60	22.75
125.10	13.10	16.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219058a.D
Acq On : 20 Feb 2024 9:53 am
Operator : karimam
Sample : cc9691-50 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 20 17:39:16 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:37:55 2024
Response via : Initial Calibration

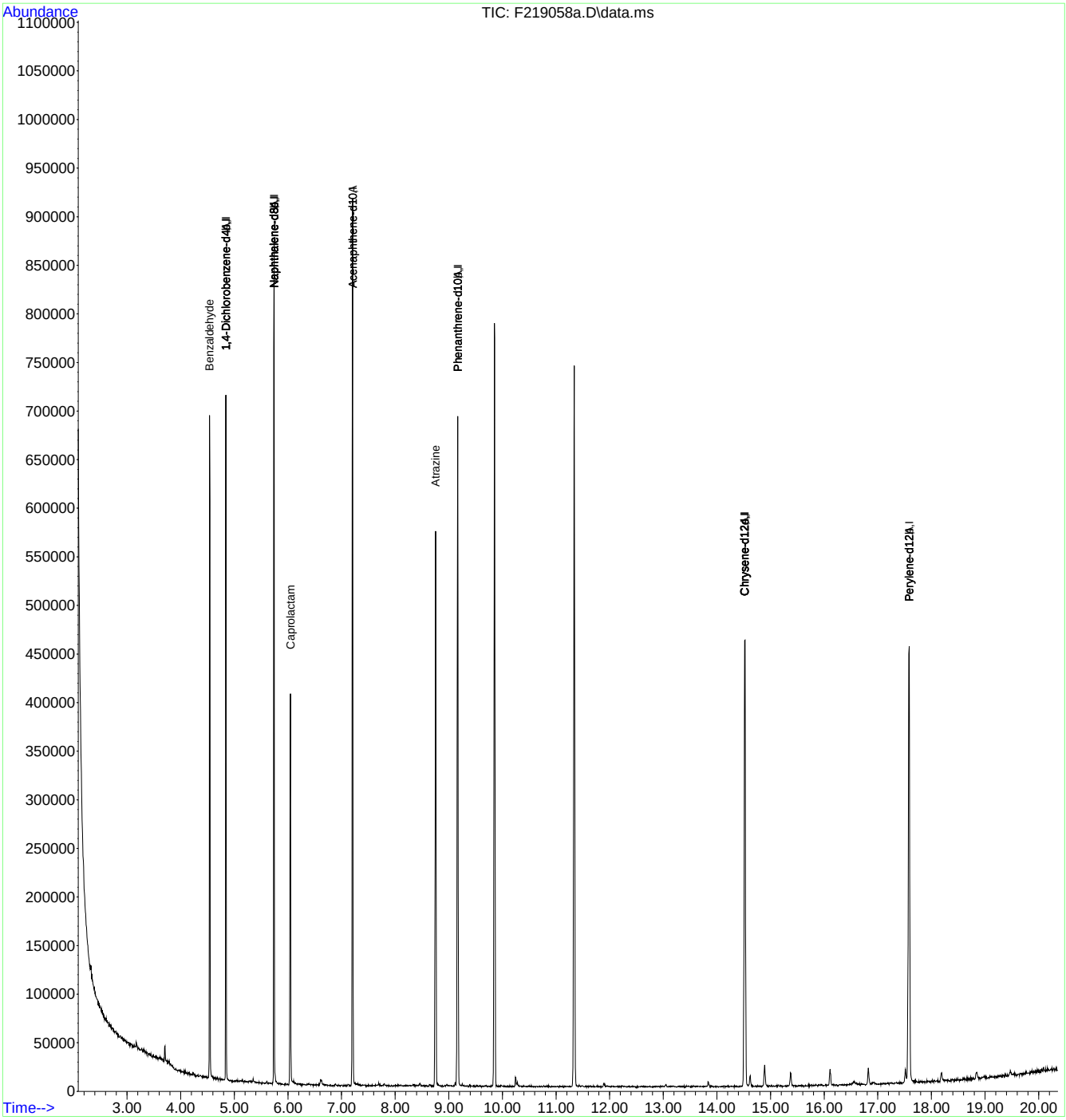
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.844	152	83146	40.00	ppm	0.00
24) Naphthalene-d8	5.741	136	324916	40.00	ppm	0.00
46) Acenaphthene-d10	7.205	164	187791	40.00	ppm	0.00
69) Phenanthrene-d10	9.166	188	330329	40.00	ppm	0.00
83) Chrysene-d12	14.519	240	263077	40.00	ppm	0.00
92) Perylene-d12	17.585	264	271443	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.844	152	83146	40.00	ppm	0.00
112) Naphthalene-d8A	5.741	136	324916	40.00	ppm	0.00
121) Acenaphthene-d10A	7.205	164	187791	40.00	ppm	0.00
132) Phenanthrene-d10A	9.166	188	330329	40.00	ppm	0.00
147) Chrysene-d12A	14.519	240	263077	40.00	ppm	0.00
154) Perylene-d12A	17.585	264	271443	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.844	152	83146	40.00	ppm	0.00
159) Phenanthrene-d10b	9.166	188	330329	40.00	ppm	0.00
161) Naphthalene-d8b	5.741	136	324916	40.00	ppm	0.00
163) Naphthalene-d8c	5.741	136	324916	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.844	152	83146	40.00	ppm	0.00
169) Chrysene-d12c	14.519	240	263077	40.00	ppm	0.00
171) Chrysene-d12d	14.519	240	263077	40.00	ppm	0.00
173) Naphthalene-d8d	5.741	136	324916	40.00	ppm	0.00
175) Chrysene-d12e	14.519	240	263077	40.00	ppm	0.00
177) Perylene-d12b	17.585	264	271443	40.00	ppm	0.00
179) Naphthalene-d8e	5.741	136	324916	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.539	105	97869	46.6699	ppm	99
160) Atrazine	8.754	200	76679	54.4466	ppm	94
162) Caprolactam	6.046	55	71901	96.2551	ppm	99

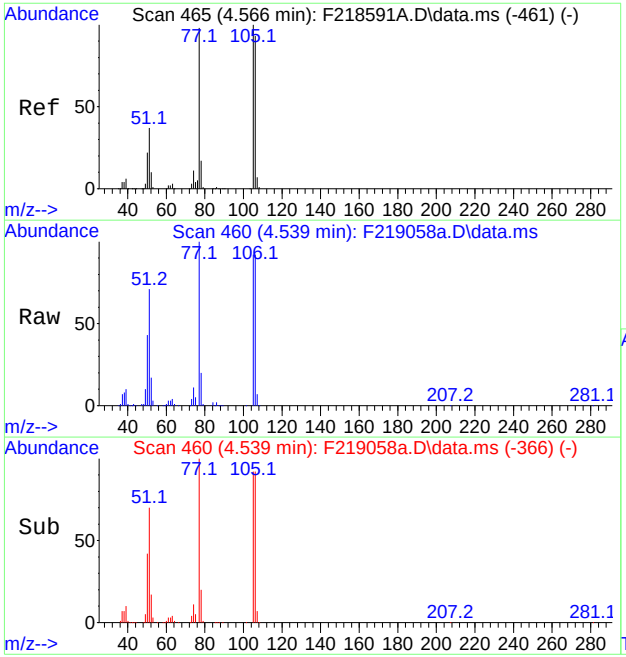
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219058a.D
Acq On : 20 Feb 2024 9:53 am
Operator : karimam
Sample : cc9691-50 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 20 17:39:16 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:37:55 2024
Response via : Initial Calibration

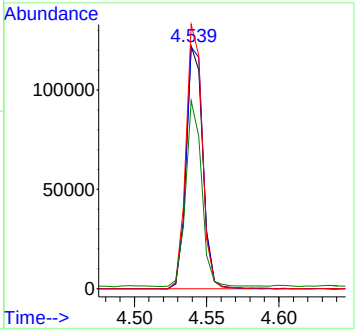


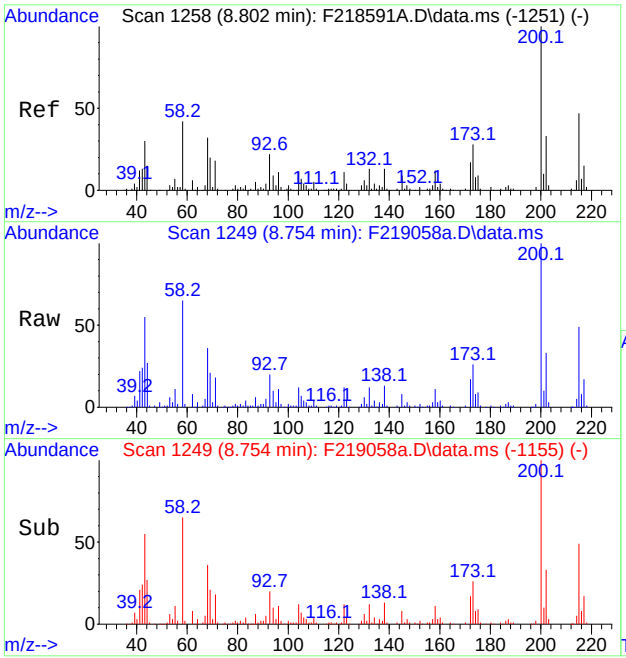


#158
Benzaldehyde
Concen: 46.6699 ppm
RT: 4.539 min Scan# 460
Delta R.T. 0.000 min
Lab File: F219058a.D
Acq: 20 Feb 2024 9:53 am

Tgt Ion:105 Resp: 97869

Ion	Ratio	Lower	Upper
105	100		
106	99.7	67.8	127.8
77	108.9	78.3	138.3
51	76.4	46.2	106.2

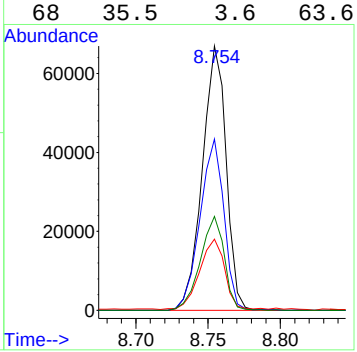


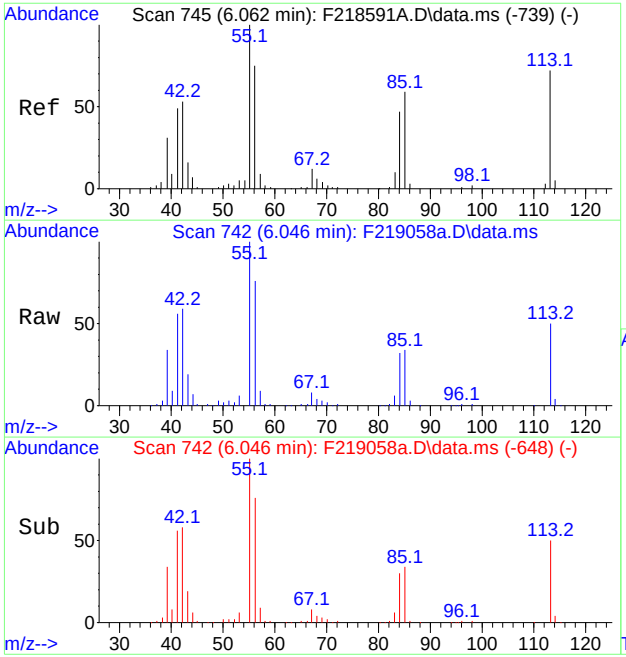


#160
Atrazine
Concen: 54.4466 ppm
RT: 8.754 min Scan# 1249
Delta R.T. -0.000 min
Lab File: F219058a.D
Acq: 20 Feb 2024 9:53 am

Tgt Ion:200 Resp: 76679

Ion	Ratio	Lower	Upper
200	100		
58	64.8	28.8	88.8
44	26.5	0.0	59.0
68	35.5	3.6	63.6

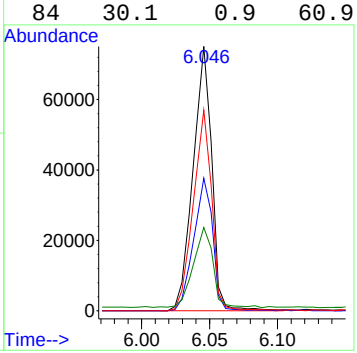




#162
Caprolactam
Concen: 96.2551 ppm
RT: 6.046 min Scan# 742
Delta R.T. 0.000 min
Lab File: F219058a.D
Acq: 20 Feb 2024 9:53 am

Tgt Ion: 55 Resp: 71901

Ion	Ratio	Lower	Upper
55	100		
113	50.1	20.6	80.6
56	75.9	45.4	105.4
84	30.1	0.9	60.9



7.6.48

7

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219059.D
Acq On : 20 Feb 2024 10:20 am
Operator : karimam
Sample : cc9690-1 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 20 18:02:29 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:45:33 2024
Response via : Initial Calibration

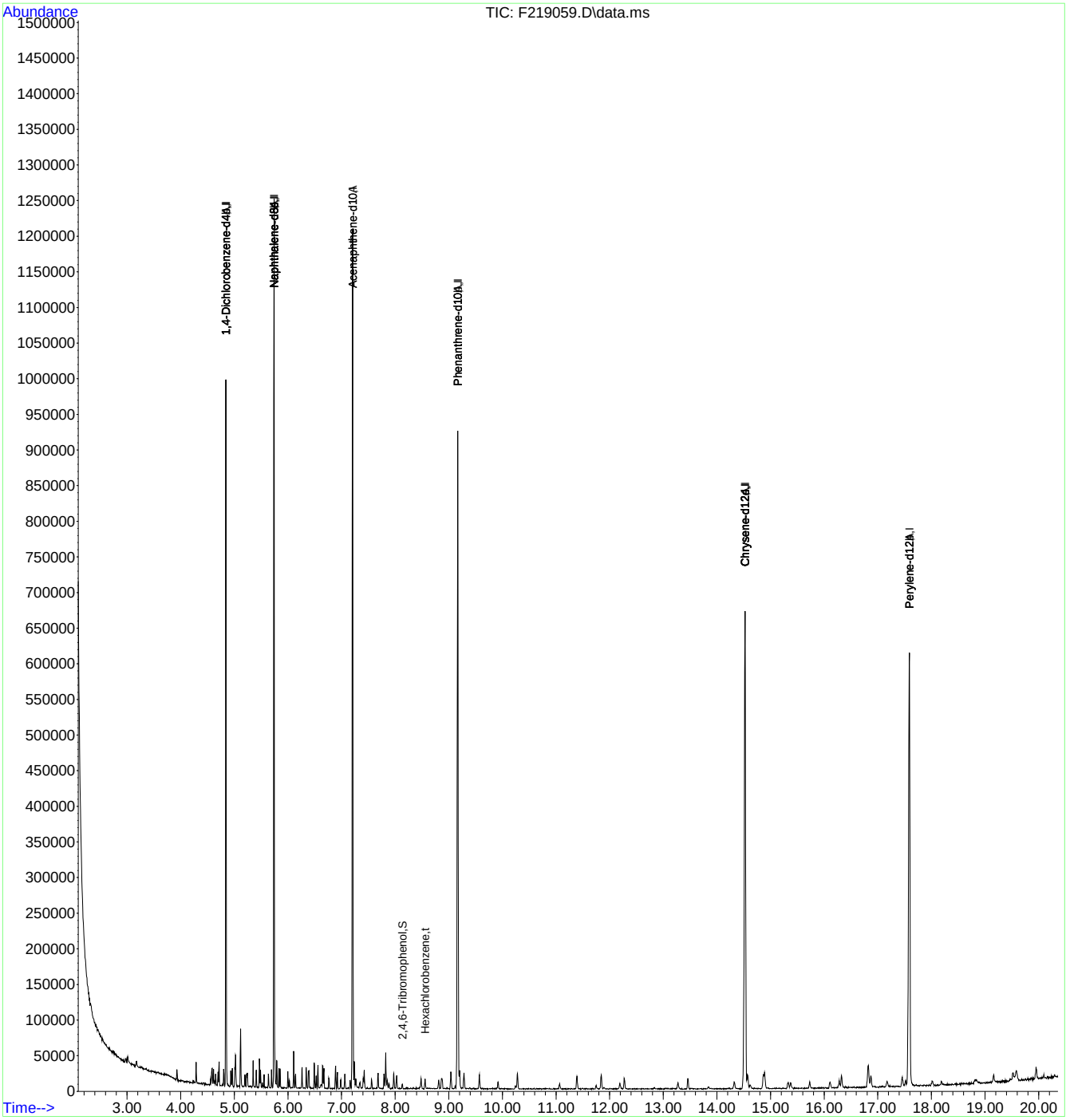
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.844	152	114374	40.00	ppm	0.00
24) Naphthalene-d8	5.741	136	443635	40.00	ppm	0.00
46) Acenaphthene-d10	7.205	164	260681	40.00	ppm	0.00
69) Phenanthrene-d10	9.165	188	452877	40.00	ppm	0.00
83) Chrysene-d12	14.524	240	362178	40.00	ppm	0.00
92) Perylene-d12	17.590	264	370863	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.844	152	114374	40.00	ppm	0.00
112) Naphthalene-d8A	5.741	136	443635	40.00	ppm	0.00
121) Acenaphthene-d10A	7.205	164	260681	40.00	ppm	0.00
132) Phenanthrene-d10A	9.165	188	452877	40.00	ppm	0.00
147) Chrysene-d12A	14.524	240	362178	40.00	ppm	0.00
154) Perylene-d12A	17.590	264	370863	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.844	152	114374	40.00	ppm	0.00
159) Phenanthrene-d10b	9.165	188	452877	40.00	ppm	0.00
161) Naphthalene-d8b	5.741	136	443635	40.00	ppm	0.00
163) Naphthalene-d8c	5.741	136	443635	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.844	152	114374	40.00	ppm	0.00
169) Chrysene-d12c	14.524	240	362178	40.00	ppm	0.00
171) Chrysene-d12d	14.524	240	362178	40.00	ppm	0.00
173) Naphthalene-d8d	5.741	136	443635	40.00	ppm	0.00
175) Chrysene-d12e	14.524	240	362178	40.00	ppm	0.00
177) Perylene-d12b	17.590	264	370863	40.00	ppm	0.00
179) Naphthalene-d8e	5.741	136	443635	40.00	ppm	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	8.134	330	884	0.66	ppm	0.00
Spiked Amount 50.000			Recovery =	1.32%		
86) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
75) Hexachlorobenzene	8.556	284	2032	0.7122	ppm	91

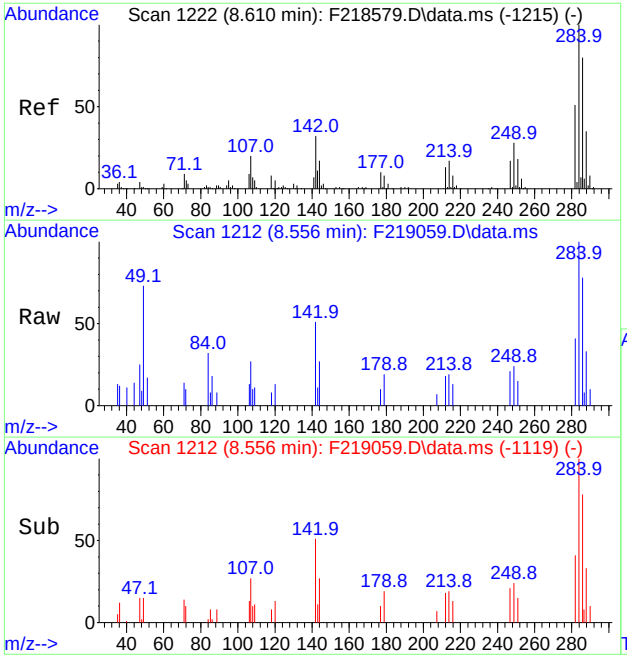
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\anthonyt\02-20-24\ef9714\
Data File : F219059.D
Acq On : 20 Feb 2024 10:20 am
Operator : karimam
Sample : cc9690-1 Inst : GCMSF
Misc : op51881,ef9714,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 20 18:02:29 2024
Quant Method : X:\Dayton SVOA GCMS\anthonyt\methods\MF9690.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Feb 20 17:45:33 2024
Response via : Initial Calibration

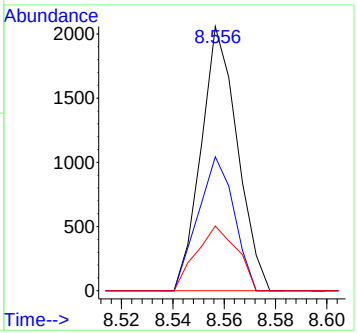




#75
Hexachlorobenzene
Concen: 0.7122 ppm
RT: 8.556 min Scan# 1212
Delta R.T. -0.006 min
Lab File: F219059.D
Acq: 20 Feb 2024 10:20 am

Tgt Ion:284 Resp: 2032

Ion	Ratio	Lower	Upper
284	100		
142	50.7	17.3	77.3
249	24.5	2.5	62.5



SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/14/2023**

Standard data

Lot#	Description	concentration
sv24-2968-40A	bna	100ppm
sv24-2968-40B	bna	80ppm
sv24-2968-40C	bna	50ppm
sv24-2968-40D	bna	25ppm
sv24-2968-40E	bna	10ppm
sv24-2968-40F	bna	5ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao202987	int std	4000ppm
sv24-2968-40G	bna	2ppm
sv24-2968-40H	bna	1ppm
sv23-2954-	svoc#1	50ppm
sv24-2968-14	svoc#2	50ppm
sv24-2968-15	svoc#4	50ppm

Batch ID:ECT266

Print Analyst Name:
jackleey
Analyst Signature:
Jy
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT236DUAL

Injection vol. - 1.0 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
1	dftpp	dftppCT.m	ct5234	op51652,ect265,1000,,,1,1					
1	dftpp	dftppCT.m	ct5235	op51652,ect266,1000,,,1,1				ok	11:58am
2	icc266-50	mct266.m	ct5236	op51652,ect266,1000,,,1,1				ok	
3	ic266-1	mct266.m	ct5239	op51652,ect266,1000,,,1,1				ok	
4	ic266-2	mct266.m	ct5240	op51652,ect266,1000,,,1,1				ok	
5	ic266-5	mct266.m	ct5241	op51652,ect266,1000,,,1,1				ok	
6	ic266-10	mct266.m	ct5242	op51652,ect266,1000,,,1,1				ok	
7	ic266-25	mct266.m	ct5243	op51652,ect266,1000,,,1,1				ok	
8	ic266-80	mct266.m	ct5244	op51652,ect266,1000,,,1,1				ok	
9	ic266-100	mct266.m	ct5245	op51652,ect266,1000,,,1,1				ok	
10	icv266-50	mct266.m	ct5246	op51652,ect266,1000,,,1,1				ok	
11	icv266-50	mct266.m	ct5247	op51652,ect266,1000,,,1,1				ok	
12	icv266-50	mct266.m	ct5248	op51652,ect266,1000,,,1,1				ok	3:23pm
13	icv266-50	mct266.m	ct5249	op51652,ect266,1000,,,1,1				not need	

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/14/2023**

Batch ID:ECT266

Print Analyst Name:
jackleey
Analyst Signature:
Jy
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT236DUAL

Injection vol. - 1.0 µl

Standard data

Lot#	Description	concentration
sv24-2968-40A	bna	100ppm
sv24-2968-40B	bna	80ppm
sv24-2968-40C	bna	50ppm
sv24-2968-40D	bna	25ppm
sv24-2968-40E	bna	10ppm
sv24-2968-40F	bna	5ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao202987	int std	4000ppm
sv24-2968-40G	bna	2ppm
sv24-2968-40H	bna	1ppm
sv23-2954-	svoc#1	50ppm
sv24-2968-14	svoc#2	50ppm
sv24-2968-15	svoc#4	50ppm

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/14/2023**

Batch ID:ECT266

Print Analyst Name:
jackleey
Analyst Signature:
Jy
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT236DUAL

Injection vol. - 1.0 µl

Standard data

Lot#	Description	concentration
sv24-2968-40A	bna	100ppm
sv24-2968-40B	bna	80ppm
sv24-2968-40C	bna	50ppm
sv24-2968-40D	bna	25ppm
sv24-2968-40E	bna	10ppm
sv24-2968-40F	bna	5ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao202987	int std	4000ppm
sv24-2968-40G	bna	2ppm
sv24-2968-40H	bna	1ppm
sv23-2954-	svoc#1	50ppm
sv24-2968-14	svoc#2	50ppm
sv24-2968-15	svoc#4	50ppm

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/14/2023**

Batch ID:ECT266

Print Analyst Name:
jackleey
Analyst Signature:
Jy
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT236DUAL

Injection vol. - 1.0 µl

Standard data

Lot#	Description	concentration
sv24-2968-40A	bna	100ppm
sv24-2968-40B	bna	80ppm
sv24-2968-40C	bna	50ppm
sv24-2968-40D	bna	25ppm
sv24-2968-40E	bna	10ppm
sv24-2968-40F	bna	5ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao202987	int std	4000ppm
sv24-2968-40G	bna	2ppm
sv24-2968-40H	bna	1ppm
sv23-2954-	svoc#1	50ppm
sv24-2968-14	svoc#2	50ppm
sv24-2968-15	svoc#4	50ppm

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/14/2023**

Batch ID:ECT266

Print Analyst Name:
jackleey
Analyst Signature:
Jy
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT236DUAL

Injection vol. - 1.0 µl

Standard data

Lot#	Description	concentration
sv24-2968-40A	bna	100ppm
sv24-2968-40B	bna	80ppm
sv24-2968-40C	bna	50ppm
sv24-2968-40D	bna	25ppm
sv24-2968-40E	bna	10ppm
sv24-2968-40F	bna	5ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao202987	int std	4000ppm
sv24-2968-40G	bna	2ppm
sv24-2968-40H	bna	1ppm
sv23-2954-	svoc#1	50ppm
sv24-2968-14	svoc#2	50ppm
sv24-2968-15	svoc#4	50ppm

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/14/2023**

Standard data

Lot#	Description	concentration
sv24-2968-40A	bna	100ppm
sv24-2968-40B	bna	80ppm
sv24-2968-40C	bna	50ppm
sv24-2968-40D	bna	25ppm
sv24-2968-40E	bna	10ppm
sv24-2968-40F	bna	5ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao202987	int std	4000ppm
sv24-2968-40G	bna	2ppm
sv24-2968-40H	bna	1ppm
sv23-2954-	svoc#1	50ppm
sv24-2968-14	svoc#2	50ppm
sv24-2968-15	svoc#4	50ppm

Batch ID:ECT266

Print Analyst Name:
jackleey
Analyst Signature:
Jy
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT236DUAL

Injection vol. - 1.0 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/14/2023**

Standard data

Lot#	Description	concentration
sv24-2968-40A	bna	100ppm
sv24-2968-40B	bna	80ppm
sv24-2968-40C	bna	50ppm
sv24-2968-40D	bna	25ppm
sv24-2968-40E	bna	10ppm
sv24-2968-40F	bna	5ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao202987	int std	4000ppm
sv24-2968-40G	bna	2ppm
sv24-2968-40H	bna	1ppm
sv23-2954-	svoc#1	50ppm
sv24-2968-14	svoc#2	50ppm
sv24-2968-15	svoc#4	50ppm

Batch ID:ECT266

Print Analyst Name:
jackleey
Analyst Signature:
Jy
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT236DUAL

Injection vol. - 1.0 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/14/2023**

Batch ID:ECT266

Print Analyst Name:
jackleey
Analyst Signature:
Jy
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT236DUAL

Injection vol. - 1.0 µl

Standard data

Lot#	Description	concentration
sv24-2968-40A	bna	100ppm
sv24-2968-40B	bna	80ppm
sv24-2968-40C	bna	50ppm
sv24-2968-40D	bna	25ppm
sv24-2968-40E	bna	10ppm
sv24-2968-40F	bna	5ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao202987	int std	4000ppm
sv24-2968-40G	bna	2ppm
sv24-2968-40H	bna	1ppm
sv23-2954-	svoc#1	50ppm
sv24-2968-14	svoc#2	50ppm
sv24-2968-15	svoc#4	50ppm

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: 2/16/2024

Batch ID:ECT267

Print Analyst Name:
jackleey
Analyst Signature:
jy
Columns:
ZB-5MSplus 30mx0.25mmx0.25um
Method:
8270e
Initial Cal. Method:
MCT266
Injection vol. - 1.0 µl

Standard data

Lot#	Description	concentration
sv23-2954-84a	tcl42	100ppm
sv23-2954-84b	tcl42	80ppm
sv23-2954-84c	tcl42	50ppm
sv23-2954-84d	tcl42	25ppm
sv23-2954-84e	tcl42	10ppm
sv23-2954-84f	tcl42	5ppm

Standard data

Lot#	Description	concentration
AO199315	istd	4000ppm
226055	dcm-fisher	
sv23-2954-84g	tcl42	2ppm
sv23-2954-84h	tcl42	1ppm
sv23-2954-96	tcl42-2nd source	50ppm

› files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	IS	SURR	Comments
1	dftpp	dftppct.m	ct5250	op51652,ect267,1000,,,1,1			ok
2	ic267-1	mct266.m	ct5251	op51652,ect267,1000,,,1,1			ok
3	ic267-2	mct266.m	ct5252	op51652,ect267,1000,,,1,1			ok
4	ic267-5	mct266.m	ct5253	op51652,ect267,1000,,,1,1			ok
5	ic267-10	mct266.m	ct5254	op51652,ect267,1000,,,1,1			ok
6	ic267-25	mct266.m	ct5255	op51652,ect267,1000,,,1,1			ok
7	ic267-50	mct266.m	ct5256	op51652,ect267,1000,,,1,1			ok
8	ic267-80	mct266.m	ct5257	op51652,ect267,1000,,,1,1			ok
9	ic267-100	mct266.m	ct5258	op51652,ect267,1000,,,1,1			ok
10	icv 267-50	mct266.m	ct5259	op51652,ect267,1000,,,1,1			ok

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/20/2023**

Standard data

Lot#	Description	concentration
sv24-2968-12	dftpp	50ppm
sv23-2954-129c	bna	50ppm
sv23-2954-129h	bna	1ppm
sv24-2968-7c	tcl42	50ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao205905	int std	4000ppm

Batch ID:ECT271

Print Analyst Name:
karimam/ninap
Analyst Signature:
km
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT266

Injection vol. - 1.0 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
1	dcm	mct266.m	ct5317	op51652,ect271,1000,,,1,1					
2	cc266-50	mct266.m	ct5318a	op51652,ect271,1000,,,1,1				ok	10:25
3	cc267-50	mct266.m	ct5319a	op51652,ect271,1000,,,1,1				ok	
3	cc266-1	mct266.m	ct5320a	op51652,ect271,1000,,,1,1					wrong vial
4	cc266-1	mct266.m	ct5321a	op51652,ect271,1000,,,1,1				ok	
1	dcm	mct266.m	ct5322	op51652,ect271,1000,,,1,1				ok	
5	op52522-mb1	mct266.m	ct5323a	op52522,ect271,1000,,,1,1		y	y	ok	
6	op52522-bs1	mct266.m	ct5324a	op52522,ect271,1000,,,1,1		y	y	ng	bad injection
18	jd82405-6	mct266.m	ct5325a	op52492,ect271,1000,,,1,1	51fo	y	y	ok	
19	jd79961-9	mct266.m	ct5326a	op52418,ect271,1000,,,1,5	tcl20+	y	y	ok	dil fo visc?
20	jd81361-1a	mct266.m	ct5327a	op52366,ect271,1.0,,,10,1	sl	y	y	ok	
7	jd82444-10	mct266.m	ct5328a	op52522,ect271,1000,,,1,1	AB8270TCL11	n	n	ng	bad injection
8	jd82444-11	mct266.m	ct5329	op52522,ect271,1000,,,1,1		y	y	ok	
9	jd82444-12	mct266.m	ct5330	op52522,ect271,1000,,,1,1		y	y	ok	
10	jd82444-13	mct266.m	ct5331	op52522,ect271,1000,,,1,1		y	y	ok	
11	jd82444-14	mct266.m	ct5332	op52522,ect271,1000,,,1,1		y	y	ok	rr dl 5x

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/20/2023**

Standard data

Lot#	Description	concentration
sv24-2968-12	dftpp	50ppm
sv23-2954-129c	bna	50ppm
sv23-2954-129h	bna	1ppm
sv24-2968-7c	tcl42	50ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao205905	int std	4000ppm

Batch ID:ECT271

Print Analyst Name:
karimam/ninap
Analyst Signature:
km
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT266

Injection vol. - 1.0 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
12	jd82444-15	mct266.m	ct5333	op52522,ect271,1000,,,1,1		y	y	ok	
13	jd82444-16	mct266.m	ct5334	op52522,ect271,1000,,,1,1		y	y	ok	
14	jd82624-1	mct266.m	ct5335	op52522,ect271,1000,,,1,1	B8270PAH	y	y	ok	
15	jd82444-9	mct266.m	ct5336	op52522,ect271,1000,,,1,1	AB8270TCL11	y	y	ok	rr dl 5x
16	op52522-ms	mct266.m	ct5337	op52522,ect271,1000,,,1,1					aborted/need to re-inject bs1
6	op52522-bs1	mct266.m	ct5338	op52522,ect271,1000,,,1,1		n	n	ng	bad injection
16	op52522-ms	mct266.m	ct5339	op52522,ect271,1000,,,1,1		y	y		
17	op52522-msd	mct266.m	ct5340	op52522,ect271,1000,,,1,1		y	y	ok	
7	jd82444-10	mct266.m	ct5341	op52522,ect271,1000,,,1,1	AB8270TCL11	y	y	ok	
21	jd82517-7	mct266.m	ct5342	op52499,ect271,1000,,,1,1	B8270PAH*	y	y	ok	rr dl 5x
22	jd82517-8	mct266.m	ct5343	op52499,ect271,1000,,,1,1		y	y	ok	
23	jd82517-9	mct266.m	ct5344	op52499,ect271,1000,,,1,1		y	y	ok	
24	jd82517-10	mct266.m	ct5345	op52499,ect271,1000,,,1,1		y	y	ok	rr dl 10x
25	jd82423-26	mct266.m	ct5346	op52491,ect271,30.2,,,1,1	btcl20+	y	y	ok	
26	jd82423-27	mct266.m	ct5347	op52491,ect271,30.1,,,1,1		n	n	ng	for confirmation o f l.W
27	jd82526-3	mct266.m	ct5348	op52535,ect271,100,,,1,1	AB8270TCLP	y	y	ok	

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/20/2023**

Standard data

Lot#	Description	concentration
sv24-2968-12	dftpp	50ppm
sv23-2954-129c	bna	50ppm
sv23-2954-129h	bna	1ppm
sv24-2968-7c	tcl42	50ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao205905	int std	4000ppm

Batch ID:ECT271

Print Analyst Name:
karimam/ninap
Analyst Signature:
km
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT266

Injection vol. - 1.0 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
28	jd82526-5	mct266.m	ct5349	op52535,ect271,100,,,1,1		y	y	ok	
29	jd82526-7	mct266.m	ct5350	op52535,ect271,100,,,1,1		y	y	ok	
30	jd82526-9	mct266.m	ct5351	op52535,ect271,100,,,1,1		y	y	ok	
31	jd82526-11	mct266.m	ct5352	op52535,ect271,100,,,1,1		y	y	ok	
32	jd82526-13	mct266.m	ct5353	op52535,ect271,100,,,1,1		y	y	ok	
33	jd82526-15	mct266.m	ct5354	op52535,ect271,100,,,1,1		y	y	ok	
34	jd82526-17	mct266.m	ct5355	op52535,ect271,100,,,1,1		y	y	ok	21:55

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/21/2023**

Standard data

Lot#	Description	concentration
sv24-2968-12	dftpp	50ppm
sv23-2954-129c	bna	50ppm
sv23-2954-129h	bna	1ppm
sv24-2968-7c	tcl42	50ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao205905	int std	4000ppm

Batch ID:ECT272

Print Analyst Name:
karimam
Analyst Signature:
km
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT266

Injection vol. - 1.0 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
1	dftpp	dftppCT.m	ct5356	op51652,ect272,1000,,,1,1				ok	09:21am
2	cc266-50	mct266.m	ct5357	op51652,ect272,1000,,,1,1				ok	
3	cc267-50	mct266.m	ct5358	op51652,ect272,1000,,,1,1				ok	
4	cc266-1	mct266.m	ct5359	op51652,ect272,1000,,,1,1				ok	
5	cc266-5	mct266.m	ct5360	op51652,ect272,1000,,,1,1				ok	
6	dcm	mct266.m	ct5361	op51652,ect272,1000,,,1,1					
7	op52522-bs1	mct266.m	ct5362	op52522,ect272,1000,,,1,1					aborted /need to run mdls
7	jd79643-2	mct266.m	ct5363	op51638,ect272,30.0,,,1,1		y	y	ok	sample id corrected
8	op51638-mb2	mct266.m	ct5364	op51638,ect272,30.0,,,1,1		y	y	ok	sample id corrected
9	op52522-bs1	mct266.m	ct5365	op52522,ect272,1000,,,1,1		y	y	ok	
10	op52598-mb1	mct266.m	ct5366	op52598,ect272,1000,,,1,1		y	y	ok	
11	op52598-bs1	mct266.m	ct5367	op52598,ect272,1000,,,1,1		y	y	ok	
12	op52598-bsd	mct266.m	ct5368	op52598,ect272,1000,,,1,1		y	y	ok	
13	jd82331-4	mct266.m	ct5369	op52598,ect272,1000,,,1,1		y	y	ok	

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/21/2023**

Standard data

Lot#	Description	concentration
sv24-2968-12	dftpp	50ppm
sv23-2954-129c	bna	50ppm
sv23-2954-129h	bna	1ppm
sv24-2968-7c	tcl42	50ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao205905	int std	4000ppm

Batch ID:ECT272

Print Analyst Name:
karimam
Analyst Signature:
km
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT266

Injection vol. - 1.0 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
14	jd82331-5	mct266.m	ct5370	op52598,ect272,1050,,,1,1		y	high	ok/rr	surr high/rr dl 50x
15	jd82331-6	mct266.m	ct5371	op52598,ect272,1000,,,1,1		y	y	ok/rr	rr dl 5x
16	jd82331-7	mct266.m	ct5372	op52598,ect272,1000,,,1,1		ns	ns	rr	ISTD failed low/no ISTD spiked/surr low
17	jd82331-8	mct266.m	ct5373	op52598,ect272,1000,,,1,1		Y	Y	OK	
18	op52598-ms	mct266.m	ct5374	op52598,ect272,1050,,,1,1		Y	Y	OK	
19	op52598-msd	mct266.m	ct5375	op52598,ect272,1000,,,1,1		Y	Y	OK	
20	jd79961-9	mct266.m	ct5376	op52418,ect272,1000,,,1,1		Y	Y	OK	Sample extracted outside the holding time
21	jd82444-14	mct266.m	ct5377	op52522,ect272,1000,,,1,5		Y	Y	OK	
22	jd82444-9	mct266.m	ct5378	op52522,ect272,1000,,,1,5		Y	L	OK	CORR SURR LOW
23	jd82517-7	mct266.m	ct5379	op52499,ect272,1000,,,1,5		Y	Y	OK	
24	jd82517-10	mct266.m	ct5380	op52499,ect272,1000,,,1,10		Y	Y	OK	
25	jd82444-1	mct266.m	ct5381	op52598,ect272,1000,,,1,1		Y	Y	OK/RR	RR 2X DL
26	jd82444-3	mct266.m	ct5382	op52598,ect272,1050,,,1,1		N	N	RR	RR BAD INJECTION
27	jd82444-4	mct266.m	ct5383	op52598,ect272,1000,,,1,1		Y	Y	OK	

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: **2/21/2023**

Batch ID:ECT272

Print Analyst Name:
karimam
Analyst Signature:
km
Columns: ZB-5MSplus 30mX0.25mmX0.25uL

Method:8270e

Initial Cal. Method:MCT266

Injection vol. - 1.0 µl

Standard data

Lot#	Description	concentration
sv24-2968-12	dftpp	50ppm
sv23-2954-129c	bna	50ppm
sv23-2954-129h	bna	1ppm
sv24-2968-7c	tcl42	50ppm

Standard data

Lot#	Description	concentration
234412	DCM	
ao205905	int std	4000ppm

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
28	jd82444-5	mct266.m	ct5384	op52598,ect272,1000,,,1,1		Y	Y	OK	
29	jd82444-6	mct266.m	ct5385	op52598,ect272,1000,,,1,1		Y	Y	OK	
30	jd82444-7	mct266.m	ct5386	op52598,ect272,1000,,,1,1		Y	Y	OK	
31	jd82517-4	mct266.m	ct5387	op52499,ect272,1000,,,1,5		Y	Y	OK	
32	jd82517-6	mct266.m	ct5388	op52499,ect272,1000,,,1,5		Y	Y	OK	
33	jd82517-5	mct266.m	ct5389	op52499,ect272,1000,,,1,10		Y	Y	OK	
34	jd81835-2	mct266.m	ct5390	op52499,ect272,1000,,,1,20		Y	Y	OK	
35	jd81835-1	mct266.m	ct5391	op52499,ect272,1000,,,1,50		Y	Y	OK	
36	jd82517-3	mct266.m	ct5392	op52499,ect272,1000,,,1,50		Y	Y	OK	
36	jd82331-7	mct266.m	ct5393	op52598,ect272,1000,,,1,1		Y	Y	OK/RR	08:28PM / RR 2X DL

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: 1/24/2024

Standard data

Lot#	Description	concentration
sv24-2968-12	dftpp	50ppm
sv23-2954-129a	bna	100 ppm
sv23-2954-129b	bna	80 ppm
sv23-2954-129c	bna	50 ppm
sv23-2954-129d	bna	25 ppm
sv23-2954-129e	bna	10 ppm
sv23-2954-129f	bna	5 ppm

Standard data

Lot#	Description	concentration
AO202987	istd	4000ppm
234412	dcm-fisher	
sv23-2954-129g	bna	2 ppm
sv23-2954-129h	bna	1 ppm
sv24-2968-11	svoc 1	50ppm
sv24-2968-16	svoc 2	50ppm
sv24-2968-17	svoc 4	50ppm

Batch ID:EF9690

Print Analyst Name:
ninap
Analyst Signature:
np
Columns:

Agilent 8270D 30mx0.25mmx0.25um
Method:
8270e
Initial Cal. Method:
MF9689
Injection vol. - 1.0 µl

7.7.5

7

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
Sample	1	dftpp	DFTPPF	F218578	op51881,ef9690,1000,,,1,1			ok	
Sample	2	icc9690-50	MF9690	F218579	op51881,ef9690,1000,,,1,1			ok	
Sample	3	ic9690-1	MF9690	F218580	op51881,ef9690,1000,,,1,1			ok	
Sample	4	ic9690-2	MF9690	F218581	op51881,ef9690,1000,,,1,1			ok	
Sample	5	ic9690-5	MF9690	F218582	op51881,ef9690,1000,,,1,1			ok	
Sample	6	ic9690-10	MF9690	F218583	op51881,ef9690,1000,,,1,1			ok	
Sample	7	ic9690-25	MF9690	F218584	op51881,ef9690,1000,,,1,1			ok	
Sample	8	ic9690-80	MF9690	F218585	op51881,ef9690,1000,,,1,1			ok	
Sample	9	ic9690-100	MF9690	F218586	op51881,ef9690,1000,,,1,1			ok	
Sample	10	icv9690-50	MF9690	F218587	op51881,ef9690,1000,,,1,1			ok	
Sample	11	icv9690-50	MF9690	F218588	op51881,ef9690,1000,,,1,1			ok	
Sample	12	icv9690-50	MF9690	F218589	op51881,ef9690,1000,,,1,1			ok	

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: 1/25/2024

Standard data

Lot#	Description	concentration
sv24-2968-12	dftpp	50ppm
sv24-2968-14a	TCL42	100 ppm
sv24-2968-14b	TCL42	80 ppm
sv24-2968-14c	TCL42	50 ppm
sv24-2968-14d	TCL42	25 ppm
sv24-2968-14e	TCL42	10 ppm
sv24-2968-14f	TCL42	5 ppm

Standard data

Lot#	Description	concentration
AO202987	istd	4000ppm
234412	dcm-fisher	
sv24-296814g	TCL42	2 ppm
sv24-2968-14h	TCL42	1 ppm
sv23-2954-96	TCL42/2nd source	50ppm

Batch ID:EF9691

Print Analyst Name:
ninap
Analyst Signature:
np
Columns:

Agilent 8270D 30mx0.25mmx0.25um
Method:
8270e
Initial Cal. Method:
MF9689
Injection vol. - 1.0 µl

7.7.6

7

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
1	dftpp	DFTPPF	F218590	op51881,ef9691,1000,,,1,1				ok	12:09pm
2	icc9691-50	MF9690	F218591	op51881,ef9691,1000,,,1,1				ok	
3	ic9691-1	MF9690	F218592	op51881,ef9690,1000,,,1,1				ok	
4	ic9691-2	MF9690	F218593	op51881,ef9690,1000,,,1,1				ok	
5	ic9691-5	MF9690	F218594	op51881,ef9690,1000,,,1,1				ok	
6	ic9691-10	MF9690	F218595	op51881,ef9690,1000,,,1,1				ok	
7	ic9691-25	MF9690	F218596	op51881,ef9690,1000,,,1,1				ok	
8	ic9691-80	MF9690	F218597	op51881,ef9690,1000,,,1,1				ok	
9	ic9691-100	MF9690	F218598	op51881,ef9690,1000,,,1,1				ok	
10	icv9691-50	MF9690	F218599	op51881,ef9690,1000,,,1,1				ok	4:46pm

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: 2/20/2024

Batch ID:EF9714

Print Analyst Name:
karimam
Analyst Signature:
km
Columns:

Agilent 8270D 30mx0.25mmx0.25um
Method:
8270e/625
Initial Cal. Method:
MF9690
Injection vol. - 1.0 µl

Standard data

Lot#	Description	concentration
sv24-2968-12	dftpp	50ppm
sv23-2954-129c	bna	50ppm
sv24-2968-7c	tcl42	50ppm
sv23-2954-129h	bna	1ppm

Standard data

Lot#	Description	concentration
AO202987	istd	4000ppm
234412	dcm-fisher	

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
1	cc9690-50	MF9690	F219057	op51881,ef9714,1000,,,1,1				ok	
2	cc9691-50	MF9690	F219058a	op51881,ef9714,1000,,,1,1				ok	tower error
3	cc9690-1	MF9690	F219059	op51881,ef9714,1000,,,1,1				ok	
4	dcm	MF9690	F219060	op51881,ef9714,1000,,,1,1					
4	dcm	MF9690	F219060a	op51881,ef9714,1000,,,1,1					tower error
4	dcm	MF9690	F219060ab	op51881,ef9714,1000,,,1,1					tower error
5	op52499-mb1	MF9690	F219061	op52499,ef9714,1000,,,1,1		y	y	ok	
6	op52499-bs1	MF9690	F219062	op52499,ef9714,1000,,,1,1		y	y	ok	
7	jd82443-27	MF9690	F219063	op52499,ef9714,1000,,,1,1		y	y	ok	
8	jd82537-28	MF9690	F219064	op52499,ef9714,1000,,,1,1		y	y	ok	
9	jd82556-3	MF9690	F219065	op52499,ef9714,1000,,,1,1		y	y	ok	
10	jd82522-1	MF9690	F219066	op52499,ef9714,1000,,,1,1		y	y	ok	
11	jd82522-2	MF9690	F219067	op52499,ef9714,1000,,,1,1		y	y	ok	
12	jd81835-1	MF9690	F219068	op52499,ef9714,1000,,,1,1		y	y	ok/rr	rr dl 50x
13	jd81835-2	MF9690	F219069	op52499,ef9714,1000,,,1,1		y	y	ok/rr	rr dl 20x
14	op52499-ms	MF9690	F219070	op52499,ef9714,1000,,,1,1		Y	Y	OK	
15	op52499-msd	MF9690	F219071	op52499,ef9714,1000,,,1,1		Y	Y	OK	
28	op52524-mb1	MF9690	F219072	op52524,ef9714,100,,,1,1		Y	Y	OK	
29	op52524-bs1	MF9690	F219073	op52524,ef9714,100,,,1,1		Y	Y	OK	
30	op52532-bs1	MF9690	F219074	op52418,ef9714,1000,,,1,5		Y	Y	OK	

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: 2/20/2024

Batch ID:EF9714

Standard data

Lot#	Description	concentration
sv24-2968-12	dftpp	50ppm
sv23-2954-129c	bna	50ppm
sv24-2968-7c	tcl42	50ppm
sv23-2954-129h	bna	1ppm

Standard data

Lot#	Description	concentration
AO202987	istd	4000ppm
234412	dcm-fisher	

Print Analyst Name:
karimam
Analyst Signature:
km
Columns:

Agilent 8270D 30mx0.25mmx0.25um
Method:
8270e/625
Initial Cal. Method:
MF9690
Injection vol. - 1.0 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
31	jd82331-1	MF9690	F219075	op52418,ef9714,1000,,,1,5		Y	Y	OK	
32	jd82331-2	MF9690	F219076	op52418,ef9714,1000,,,1,5		Y	Y	OK/R	RR 10X DL
16	op52499-ms2	MF9690	F219077	op52499,ef9714,1000,,,1,1		Y	Y	OK	
17	op52499-msd2	MF9690	F219078	op52499,ef9714,1000,,,1,1		Y	Y	OK	
18	jd82517-1	MF9690	F219079	op52499,ef9714,1000,,,1,1		Y	Y	OK	
19	jd82517-2	MF9690	F219080	op52499,ef9714,1000,,,1,1		Y	Y	OK	
20	jd82517-3	MF9690	F219081	op52499,ef9714,1000,,,1,1		Y	Y	OK/R	RR 20X DL
21	jd82517-4	MF9690	F219082	op52499,ef9714,1000,,,1,1		Y	Y	OK/R	RR 5X DL
22	jd82517-5	MF9690	F219083	op52499,ef9714,1000,,,1,1		Y	Y	OK/R	RR 10X DL
23	jd82517-6	MF9690	F219084	op52499,ef9714,1000,,,1,1		Y	Y	OK/R	RR 20X DL / 09:42PM

LOGBOOK ID:

ABN Aqueous Extraction Logbook

Date Started: 02/19/24 Time Started: 07:45
Date Finished: 02/19/24 Time Finished: 19:00

Extract Method (CHECK OFF "√" /DO NOT CIRCLE):
Separatory Funnel: SW846 3510C/CLP/other ✓ 3510C SIM ✓
Continuous Liquid Liquid: SW846 3520C/CLP/other

BATCH # MS OP52499	RACK# Orange
Set-up by:	DS, DR
Extracted by:	DS, DR, SMK
Concentrated by:	DS, SMK
Final Vol. Top-up:	
Vialed by:	DS, SMK
VIALS:	23096003 / Thermo
Supervisor Review:	TG 2/19/24

Equipment/ Range	ID	Observed Temp (°C)	Correction Factor (°C)	Corrected Temp (°C)	Pressure/ Flowrate
Buchi (65-71°C)					
Buchi Chiller					
Waterbath (70-80°C)	5	75.9	+1	76.9	OK
Waterbath Chiller (GPM)	F2	11	—	—	28
NEVAP (32-38°C, LPM)	5	34.9	—	—	10

SURROGATE	LOT #	CONC (ppm)	AMT (mL)
ABN	242977-2	50	1.0
ABN DOD SIM			
WITNESS SIGN: DR		SPIKE SIGN: DS	

MATRIX SPIKE	LOT #	CONC (ppm)	AMT (mL)
Acid			Acid:
Acid (for SIM)			A(SIM):
~~Base #1~~ Mix 1	238908-142	50/100	1.0
~~Base #2~~ Mix 2	232508-107	50	1.0
Anilines			
BSIM	238908-144	1/2/4	1.0
WITNESS SIGN: DR		SPIKE SIGN: DS	

SOLVENT	LOT #	BRAND	AMT (mL)
METH CHLOR	234414	Fisher	6x60

REAGENT	LOT #	BATCH #	BRAND
NaOH	233459		Fisher
H2SO4	1303H10		Ricca
Sodium Sulfate	332203	02/12/24	LSS
Glass Wool	69228		LSS
Filter Paper			
pH strips	226322		Hydrion

Special Client Spike Instructions

QC ID# for Special Spike	Amt to Spike	Spike ID	Lot #	Conc.	Amt. Spiked

WITNESS SIGN: SPIKE SIGN:
Manager/Supervisor/Team Lead Approval:

SPECIAL PROCESSING INSTRUCTIONS

Rx Reason:

Spiking:

Weights/Volumes:

Required MS/MSD:
JD82517-3 (FS)
JD82556-3 (PS)

Final Volume:

Other:
Ht 2/19
Due 2/29

	Sample #	Analysis Type	Sample Bottle #	Sample Description	Sample Volume (mL)	Final pH: Acid Extract	Final pH: BN/ABN Extract	Final Extract: Color	Final Extract: Vol(mL)	Comments
	MB1	ABN		DCM2	1000	1	14	Clear	1	
	BS1			DCM2	1000	1	14	Yellow	1	
	JD82517-3 MS		2	Yellow	1000	1	14	Yellow	1	
	MSD		3	Yellow	1000	1	M	Yellow	1	
	~~BS~~									
	JD82556-3 MS 2		6	Yellow	1000	1	14	Yellow	1	—
	MSD 2		7	Yellow	1000	1	14	Yellow	1	—
	BS 2	SIM		DCM2	1000	1	14	Clear	1	
	~~BSD2 MS~~			DCM2	1000	1	14	L-Yellow	1	
	MSD									
1	JD82517-1	ABN	1	Clear	1000	1	14	Clear	1	
2	-2		1	Clear	1000	1	14	Clear	1	
3	-3		5	Orange	1000	1	14	L-Yellow	1	
4	-4		2	Clear	1000	1	14	Clear	1	
5	-5		2	Yellow	1000	1	14	L-Yellow	1	
6	-6		1	L-Yellow	1000	1	14	L-Yellow	1	
7	-7		2	Orange	1000	1	14	Yellow	1	
8	-8		1	Clear	1000	1	14	Clear	1	
9	-9		1	Clear	1000	1	14	Clear	1	
10	-10		1	Brown	1000	1	14	Brown	1	0
11	JD82537-28		4	Clear	1000	1	14	Clear	1	
12	JD82556-3		5	Clear	1000	1	14	Clear	1	
13	JD82522-1		1	Clear	1000	1	14	Clear	1	
14	-2		1	Clear	1000	1	14	L-Yellow	1	
15	JD81834-18		4	Clear	1000	1	14	Clear	1	
16	JD81835-1		3	Orange	1000	1	14	L-Yellow	1	0
17	-2		3	Grey	1000	1	14	Brown	1	
18	JD82443-27		4	Clear	1000	1	14	Clear	1	
19										
20										

Comments: QC Samples (MS, MSD, LINK and/or DUP, Link) Confirmed by:
-MS2/MSD2 is JD82556-3. ~~sediment~~ emulsion

SGS
Form: OP022-15
Rev Date: 5/13/22

9

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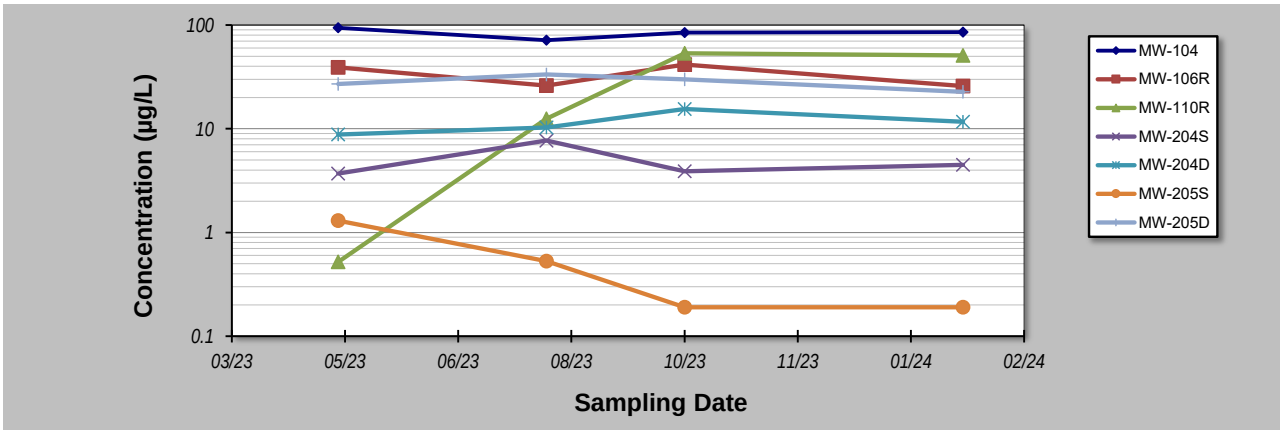
Appendix D

Mann-Kendall Trend Analysis

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-Jun-24	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Acenaphthene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	ACENAPHTHENE CONCENTRATION (µg/L)						
1	May-23	94	39	0.52	3.7	8.8	1.3	27
2	Aug-23	71.4	26.1	12.5	7.7	10.3	0.53	33.4
3	Oct-23	84.6	41.6	53.4	3.9	15.5	0.19	29.9
4	Feb-24	85.6	25.8	51	4.5	11.7	0.19	22.7
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Coefficient of Variation:		0.11	0.25	0.91	0.38	0.25	0.95	0.16
Mann-Kendall Statistic (S):		0	-2	4	2	4	-5	-2
Confidence Factor:		37.5%	62.5%	83.3%	62.5%	83.3%	89.6%	62.5%
Concentration Trend:		Stable	Stable	No Trend	No Trend	No Trend	Stable	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

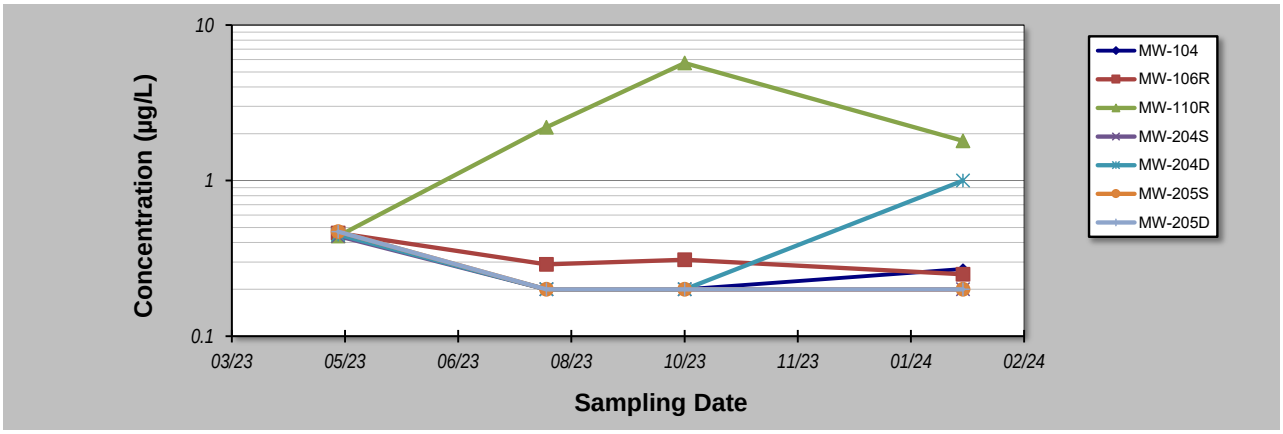
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 5-Jun-24
Facility Name: Saranac Lake Gas Co.
Conducted By: K. Cassidy

Job ID: DEC Site #516008
Constituent: Benzo(A)Anthracene
Concentration Units: µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	BENZO(A)ANTHRACENE CONCENTRATION (µg/L)						
1	May-23	0.45	0.46	0.44	0.44	0.45	0.47	0.47
2	Aug-23	0.2	0.29	2.2	0.2	0.2	0.2	0.2
3	Oct-23	0.2	0.31	5.7	0.2	0.2	0.2	0.2
4	Feb-24	0.27	0.25	1.8	0.2	1	0.2	0.2
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Coefficient of Variation:		0.42	0.28	0.88	0.46	0.82	0.50	0.50
Mann-Kendall Statistic (S):		-1	-4	2	-3	1	-3	-3
Confidence Factor:		50.0%	83.3%	62.5%	72.9%	50.0%	72.9%	72.9%
Concentration Trend:		Stable	Stable	No Trend	Stable	No Trend	Stable	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

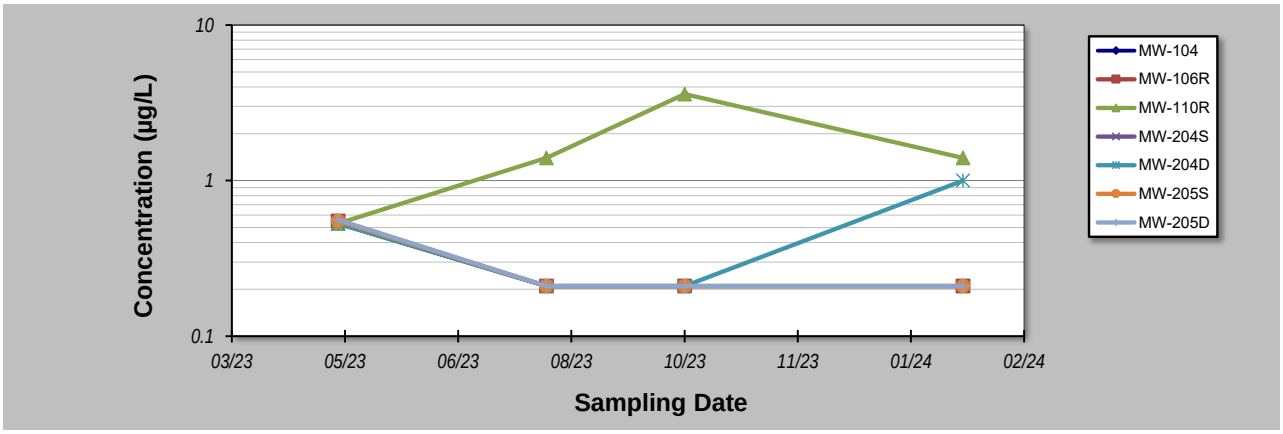
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 5-Jun-24
Facility Name: Saranac Lake Gas Co.
Conducted By: K. Cassidy

Job ID: DEC Site #516008
Constituent: Benzo(B)Fluoranthene
Concentration Units: µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	BENZO(B)FLUORANTHENE CONCENTRATION (µg/L)						
1	May-23	0.53	0.55	0.53	0.53	0.53	0.55	0.56
2	Aug-23	0.21	0.21	1.4	0.21	0.21	0.21	0.21
3	Oct-23	0.21	0.21	3.6	0.21	0.21	0.21	0.21
4	Feb-24	0.21	0.21	1.4	0.21	1	0.21	0.21
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Coefficient of Variation:		0.55	0.58	0.76	0.55	0.77	0.58	0.59
Mann-Kendall Statistic (S):		-3	-3	3	-3	1	-3	-3
Confidence Factor:		72.9%	72.9%	72.9%	72.9%	50.0%	72.9%	72.9%
Concentration Trend:		Stable	Stable	No Trend	Stable	No Trend	Stable	Stable



Notes:

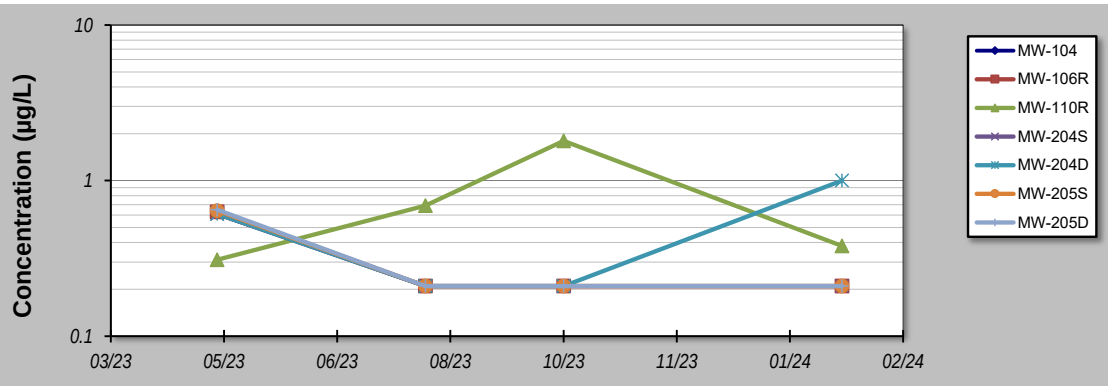
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-Jun-24	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Benzo(K)Fluoranthene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	BENZO(K)FLUORANTHENE CONCENTRATION (µg/L)						
1	May-23	0.61	0.63	0.31	0.61	0.61	0.64	0.65
2	Aug-23	0.21	0.21	0.69	0.21	0.21	0.21	0.21
3	Oct-23	0.21	0.21	1.8	0.21	0.21	0.21	0.21
4	Feb-24	0.21	0.21	0.38	0.21	1	0.21	0.21
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Coefficient of Variation:		0.65	0.67	0.87	0.65	0.75	0.68	0.69
Mann-Kendall Statistic (S):		-3	-3	2	-3	1	-3	-3
Confidence Factor:		72.9%	72.9%	62.5%	72.9%	50.0%	72.9%	72.9%
Concentration Trend:		Stable	Stable	No Trend	Stable	No Trend	Stable	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
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5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

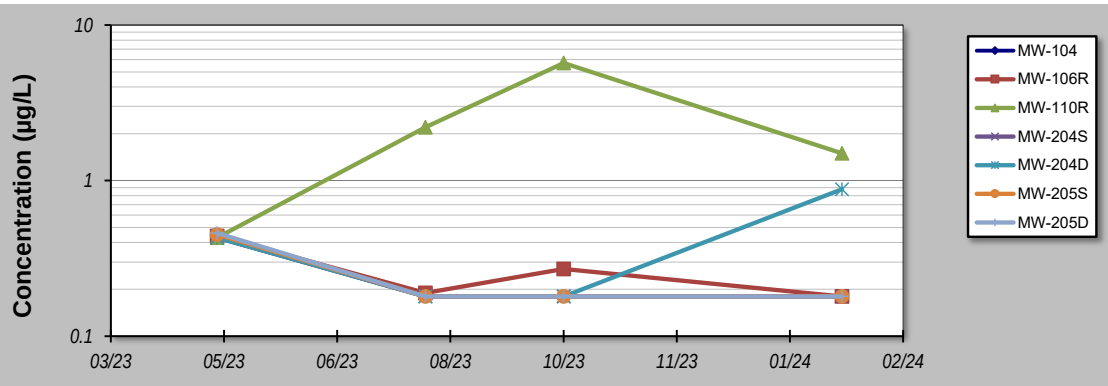
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 5-Jun-24
Facility Name: Saranac Lake Gas Co.
Conducted By: K. Cassidy

Job ID: DEC Site #516008
Constituent: Chrysene
Concentration Units: µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	CHRYSENE CONCENTRATION (µg/L)						
1	May-23	0.43	0.44	0.43	0.43	0.43	0.45	0.46
2	Aug-23	0.18	0.19	2.2	0.18	0.18	0.18	0.18
3	Oct-23	0.18	0.27	5.7	0.18	0.18	0.18	0.18
4	Feb-24	0.18	0.18	1.5	0.18	0.88	0.18	0.18
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Coefficient of Variation:		0.52	0.45	0.93	0.52	0.79	0.55	0.56
Mann-Kendall Statistic (S):		-3	-4	2	-3	1	-3	-3
Confidence Factor:		72.9%	83.3%	62.5%	72.9%	50.0%	72.9%	72.9%
Concentration Trend:		Stable	Stable	No Trend	Stable	No Trend	Stable	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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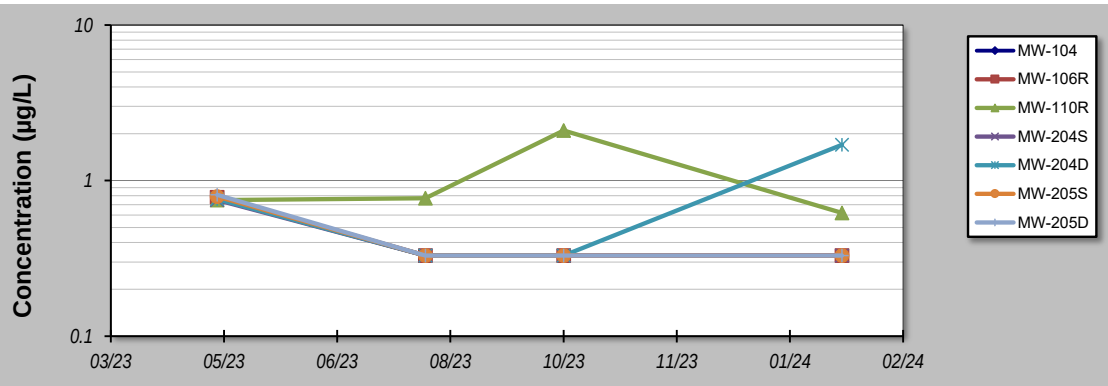
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 5-Jun-24
Facility Name: Saranac Lake Gas Co.
Conducted By: K. Cassidy

Job ID: DEC Site #516008
Constituent: Ideno(1,2,3)pyrene
Concentration Units: µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	IDENO(1,2,3)PYRENE CONCENTRATION (µg/L)						
1	May-23	0.76	0.78	0.75	0.75	0.76	0.79	0.81
2	Aug-23	0.33	0.33	0.77	0.33	0.33	0.33	0.33
3	Oct-23	0.33	0.33	2.1	0.33	0.33	0.33	0.33
4	Feb-24	0.33	0.33	0.62	0.33	1.7	0.33	0.33
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Coefficient of Variation:		0.49	0.51	0.66	0.48	0.83	0.52	0.53
Mann-Kendall Statistic (S):		-3	-3	0	-3	1	-3	-3
Confidence Factor:		72.9%	72.9%	37.5%	72.9%	50.0%	72.9%	72.9%
Concentration Trend:		Stable	Stable	Stable	Stable	No Trend	Stable	Stable



Notes:

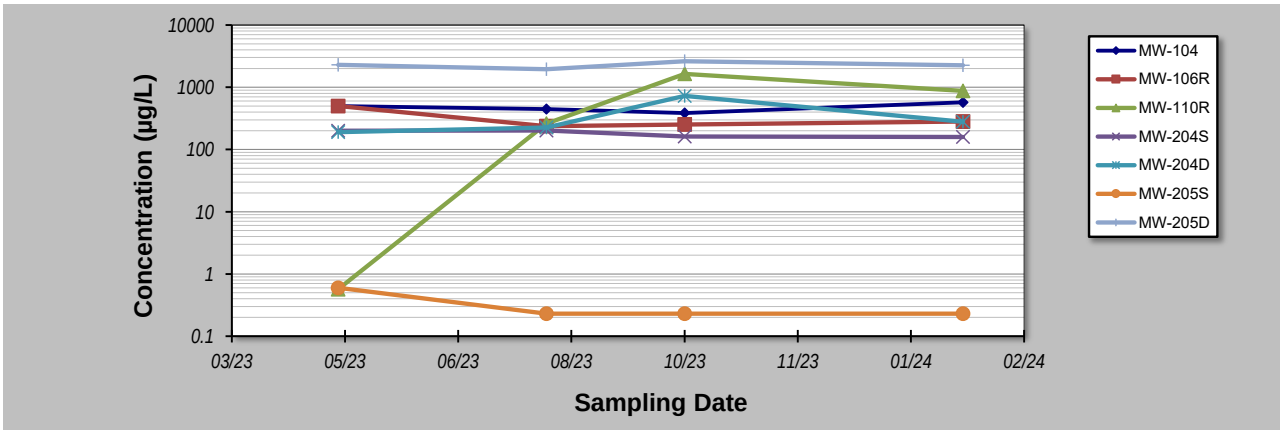
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-Jun-24	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Naphthalene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	NAPHTHALENE CONCENTRATION (µg/L)						
1	May-23	500	500	0.57	200	190	0.6	2300
2	Aug-23	446	237	261	202	225	0.23	1950
3	Oct-23	385	253	1640	162	727	0.23	2620
4	Feb-24	573	281	876	159	279	0.23	2260
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Coefficient of Variation:		0.17	0.39	1.05	0.13	0.71	0.57	0.12
Mann-Kendall Statistic (S):		0	0	4	-4	4	-3	0
Confidence Factor:		37.5%	37.5%	83.3%	83.3%	83.3%	72.9%	37.5%
Concentration Trend:		Stable	Stable	No Trend	Stable	No Trend	Stable	Stable



Notes:

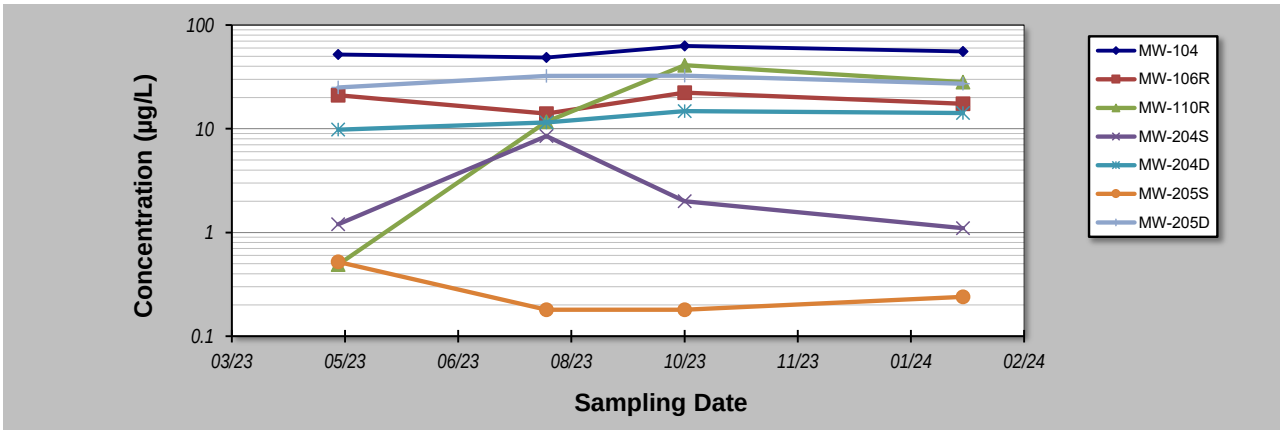
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-Jun-24	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Phenanthrene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	PHENANTHRENE CONCENTRATION (µg/L)						
1	May-23	52	21	0.49	1.2	9.8	0.52	25
2	Aug-23	48.6	14	11.7	8.5	11.5	0.18	32.4
3	Oct-23	62.9	22.3	41	2	14.8	0.18	32.5
4	Feb-24	55.5	17.4	28.2	1.1	14.2	0.24	27.2
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Coefficient of Variation:		0.11	0.20	0.88	1.11	0.19	0.58	0.13
Mann-Kendall Statistic (S):		2	0	4	-2	4	-1	2
Confidence Factor:		62.5%	37.5%	83.3%	62.5%	83.3%	50.0%	62.5%
Concentration Trend:		No Trend	Stable	No Trend	No Trend	No Trend	Stable	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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